

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100418\
 Data File : VX004968.D
 Acq On : 03 Oct 2018 14:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/5/2018 3:24:43 PM

Quant Time: Oct 04 01:34:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	277249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	399354	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	376328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	233411	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	177823	44.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.80%	
35) Dibromofluoromethane	5.50	113	149516	44.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.36%	
50) Toluene-d8	8.71	98	573618	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.14	95	215671	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	195727	51.777	ug/l	97
3) Chloromethane	1.32	50	204290	44.544	ug/l	99
4) Vinyl Chloride	1.40	62	209828	48.780	ug/l	99
5) Bromomethane	1.64	94	132626	51.995	ug/l	94
6) Chloroethane	1.71	64	121107	51.743	ug/l	97
7) Trichlorofluoromethane	1.92	101	271570	50.997	ug/l	93
8) Diethyl Ether	2.19	74	112270	48.530	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	161210	53.145	ug/l	99
10) Methyl Iodide	2.50	142	160810	39.616	ug/l	93
11) Tert butyl alcohol	3.08	59	257680	232.690	ug/l	99
12) 1,1-Dichloroethene	2.37	96	146602	48.801	ug/l	98
13) Acrolein	2.29	56	130096	165.116	ug/l	92
14) Allyl chloride	2.72	41	327517	49.967	ug/l	96
15) Acrylonitrile	3.15	53	598830	245.644	ug/l	96
16) Acetone	2.45	43	564160	243.991	ug/l	91
17) Carbon Disulfide	2.56	76	399312	44.236	ug/l	98
18) Methyl Acetate	2.78	43	327066	55.830	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	544633	52.560	ug/l	97
20) Methylene Chloride	2.85	84	171296	50.969	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	158977	48.343	ug/l	85
22) Diisopropyl ether	3.87	45	563584	51.061	ug/l	95
23) Vinyl Acetate	3.82	43	2453391	242.832	ug/l	99
24) 1,1-Dichloroethane	3.69	63	316244	48.032	ug/l	100
25) 2-Butanone	4.70	43	824380	241.876	ug/l	98
26) 2,2-Dichloropropane	4.58	77	241636	52.704	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	177541	48.328	ug/l	95
28) Bromochloromethane	5.01	49	136456	44.011	ug/l	100
29) Tetrahydrofuran	5.15	42	524961	247.814	ug/l	99
30) Chloroform	5.21	83	289264	46.487	ug/l	99
31) Cyclohexane	5.57	56	272779	54.132	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	247056	48.616	ug/l	95
36) 1,1-Dichloropropene	5.79	75	219919	47.624	ug/l	95
37) Ethyl Acetate	4.85	43	286643	46.763	ug/l	99
38) Carbon Tetrachloride	5.78	117	213646	44.013	ug/l	99

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MMDadoda
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Quant Time: Oct 04 01:34:49 2018
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	277227	58.793	ug/l #	86
40) Benzene	6.14	78	663549	45.898	ug/l	94
41) Methacrylonitrile	5.06	41	160309	47.158	ug/l	97
42) 1,2-Dichloroethane	6.20	62	228148	44.641	ug/l	98
43) Isopropyl Acetate	6.46	43	433194	48.963	ug/l	95
44) Trichloroethene	7.21	130	182961	51.481	ug/l	99
45) 1,2-Dichloropropane	7.52	63	178387	50.316	ug/l	99
46) Dibromomethane	7.66	93	113721	51.040	ug/l	99
47) Bromodichloromethane	7.90	83	212404	50.917	ug/l	98
48) Methyl methacrylate	7.77	41	225765	56.221	ug/l	98
49) 1,4-Dioxane	7.76	88	96506	967.337	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1520863	273.013	ug/l	98
52) Toluene	8.79	92	416329	52.409	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	252383	53.539	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	273267	55.344	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	171559	49.303	ug/l	96
56) Ethyl methacrylate	9.18	69	280642	49.718	ug/l	96
57) 1,3-Dichloropropane	9.37	76	291527	50.339	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	749117	249.861	ug/l	99
59) 2-Hexanone	9.50	43	1225109	263.910	ug/l	97
60) Dibromochloromethane	9.59	129	174530	50.153	ug/l	98
61) 1,2-Dibromoethane	9.67	107	180857	48.532	ug/l	97
64) Tetrachloroethene	9.34	164	184664	49.857	ug/l	96
65) Chlorobenzene	10.14	112	470263	48.731	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	167552	49.388	ug/l	98
67) Ethyl Benzene	10.26	91	801612	52.322	ug/l	97
68) m/p-Xylenes	10.36	106	626818	104.698	ug/l	95
69) o-Xylene	10.70	106	300542	54.654	ug/l	99
70) Styrene	10.71	104	509145	49.526	ug/l	100
71) Bromoform	10.86	173	142496	49.061	ug/l	96
73) Isopropylbenzene	11.02	105	816069	55.469	ug/l	99
74) N-amyl acetate	10.90	43	388111	48.065	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	283985	47.419	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	261504m	49.986	ug/l	
77) Bromobenzene	11.26	156	215489	50.427	ug/l	100
78) n-propylbenzene	11.36	91	944135	55.930	ug/l	100
79) 2-Chlorotoluene	11.42	91	560643	53.283	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	698338	51.796	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	86152	45.116	ug/l	97
82) 4-Chlorotoluene	11.51	91	664972	53.693	ug/l	100
83) tert-Butylbenzene	11.77	119	684207	56.485	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	718700	51.690	ug/l	100
85) sec-Butylbenzene	11.94	105	835194	56.608	ug/l	100
86) p-Isopropyltoluene	12.07	119	759991	56.855	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	401656	50.336	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	409458	49.709	ug/l	99
89) n-Butylbenzene	12.39	91	691336	56.947	ug/l	99
90) Hexachloroethane	12.60	117	111657	50.169	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	406229	48.715	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	64278	48.882	ug/l	98

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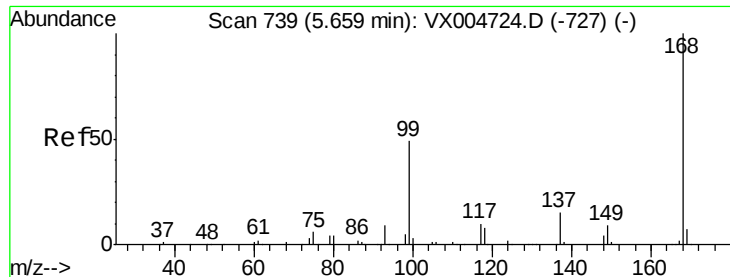
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	318301	54.414	ug/l	100
94) Hexachlorobutadiene	13.79	225	156993	51.756	ug/l	99
95) Naphthalene	13.83	128	987216	50.836	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	321479	53.201	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 277249

Ion Ratio Lower Upper

168 100

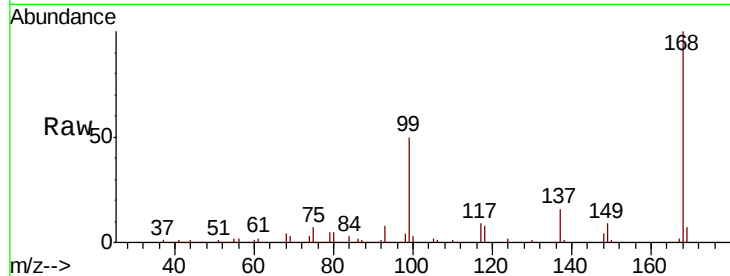
99 50.2 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

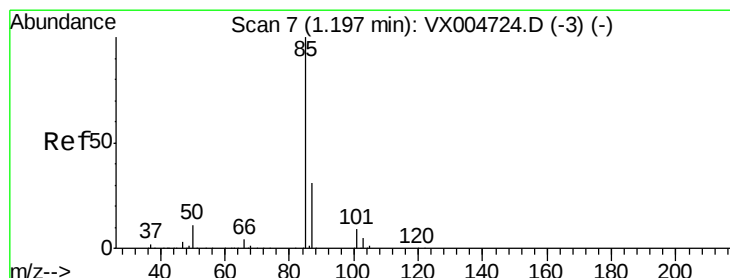
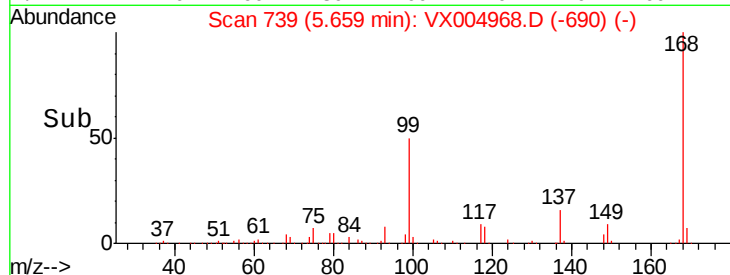
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.777 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX004968.D

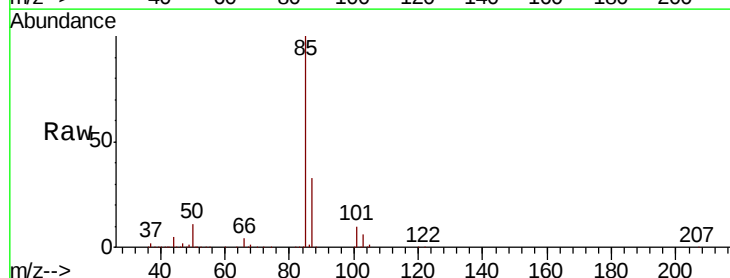
Acq: 03 Oct 2018 14:46

Tgt Ion: 85 Resp: 195727

Ion Ratio Lower Upper

85 100

87 33.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

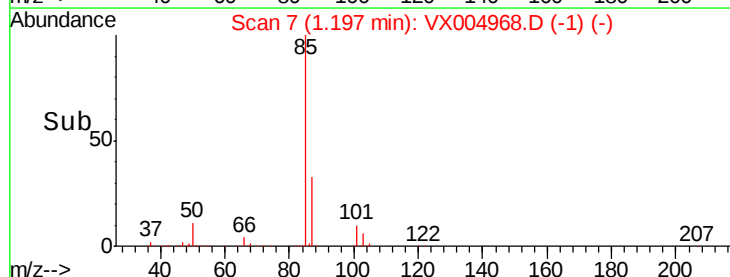
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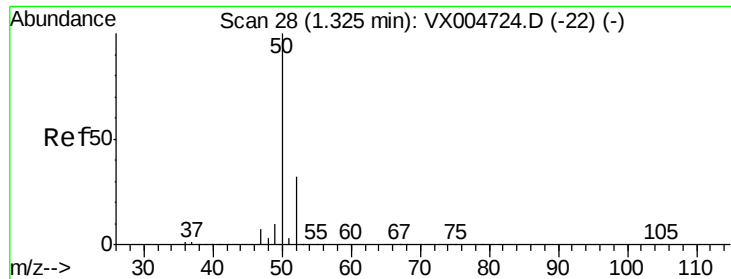
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50000

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Time-->





#3

Chloromethane

Concen: 44.544 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 204290

Ion Ratio Lower Upper

50 100

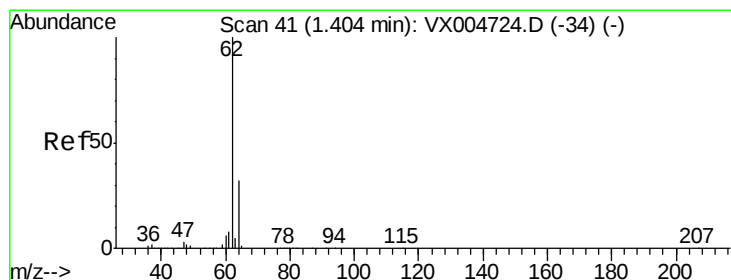
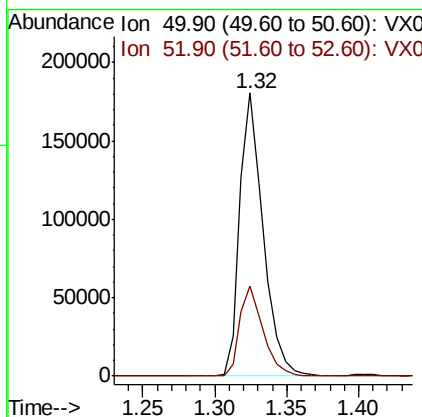
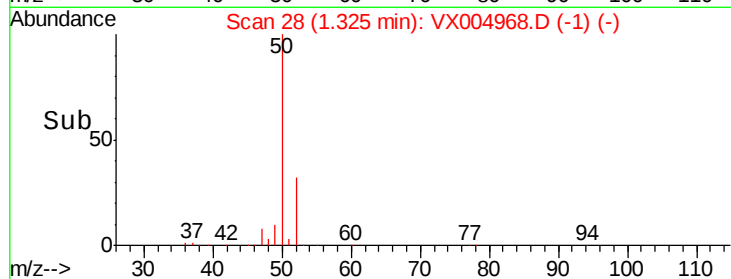
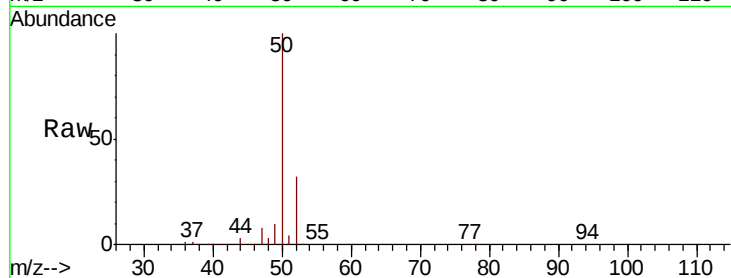
52 31.9 25.8 38.6

Manual Integrations

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10/5/2018 3:24:43 PM



#4

Vinyl Chloride

Concen: 48.780 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004968.D

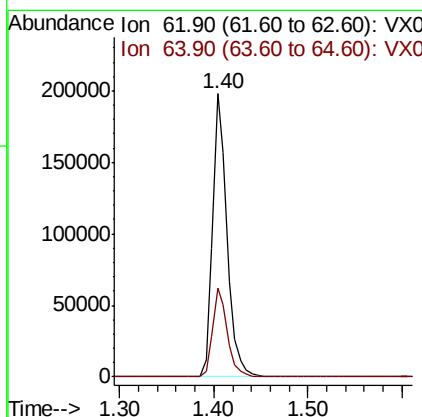
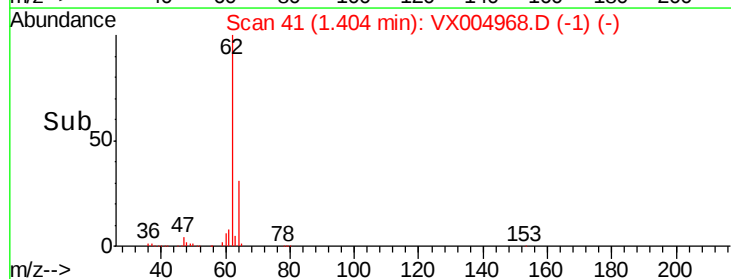
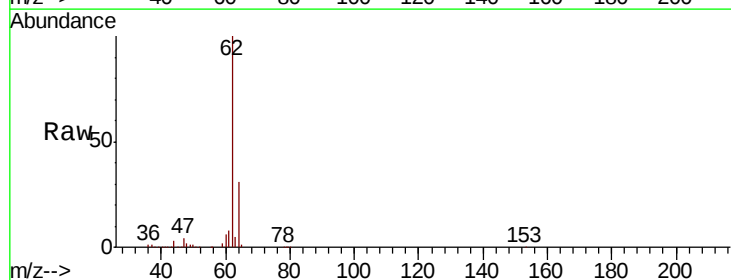
Acq: 03 Oct 2018 14:46

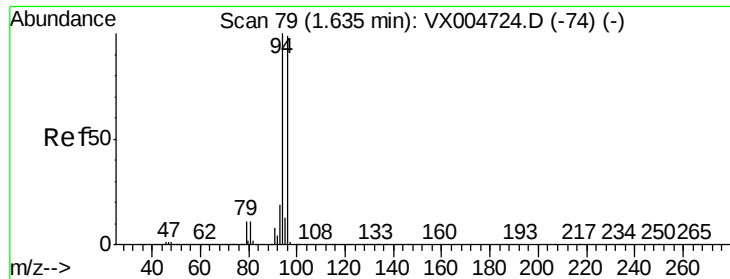
Tgt Ion: 62 Resp: 209828

Ion Ratio Lower Upper

62 100

64 31.4 25.5 38.3





#5

Bromomethane

Concen: 51.995 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 132626

Ion Ratio Lower Upper

94 100

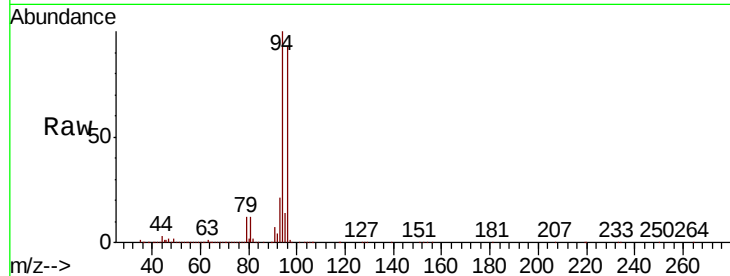
96 93.1 79.5 119.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

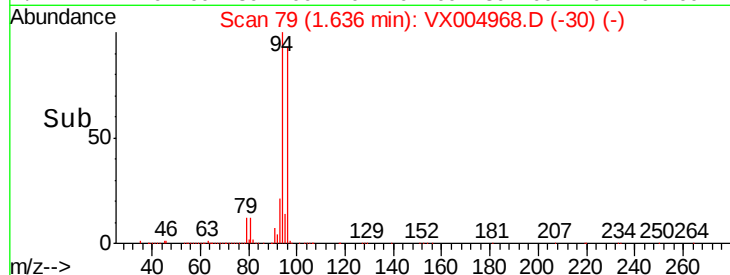
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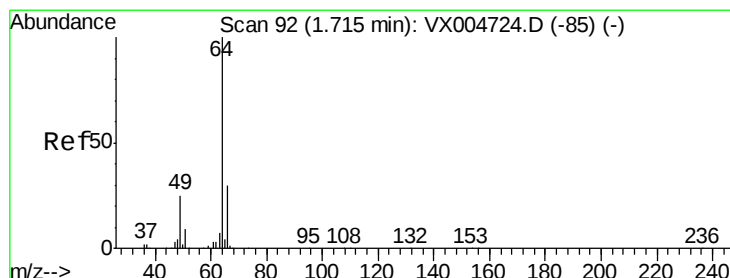
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0

Time-->



Time-->



#6

Chloroethane

Concen: 51.743 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX004968.D

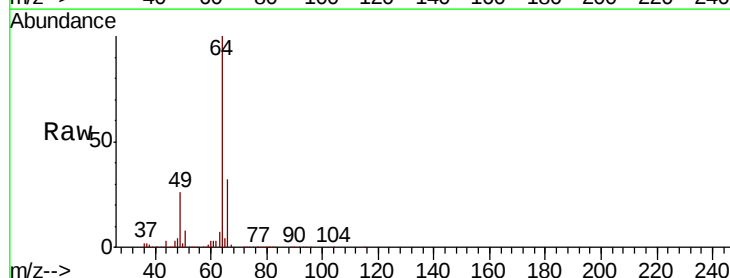
Acq: 03 Oct 2018 14:46

Tgt Ion: 64 Resp: 121107

Ion Ratio Lower Upper

64 100

66 31.5 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

100000

80000

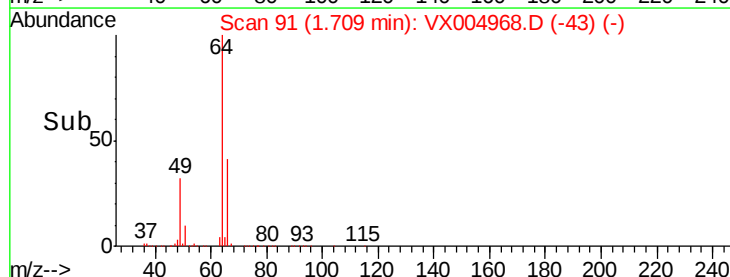
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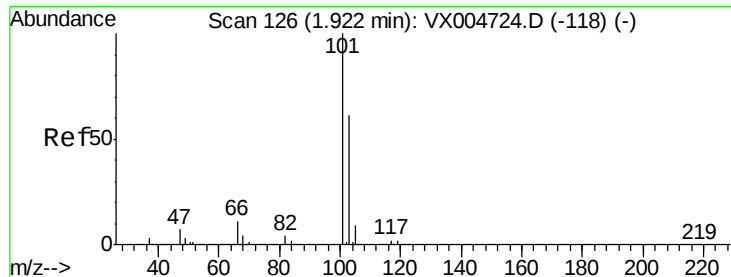
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Time-->



Time-->



#7

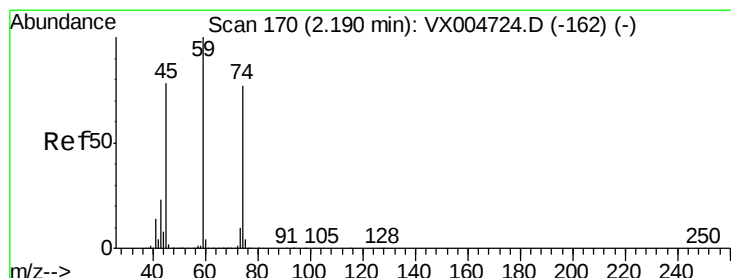
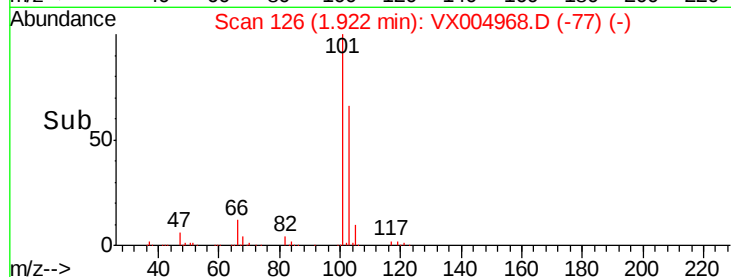
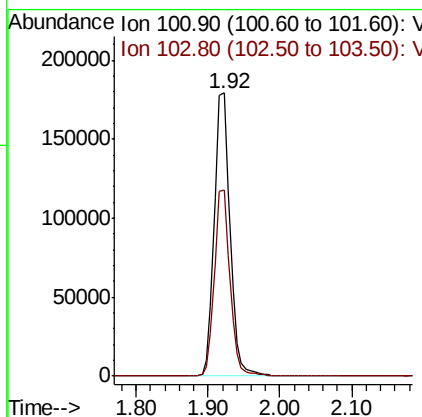
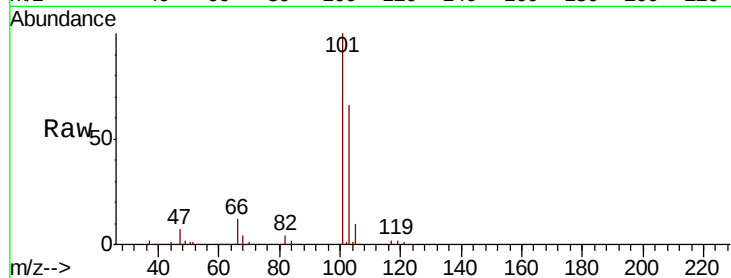
Trichlorofluoromethane
Concen: 50.997 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	48.4	72.6

Manual Integrations
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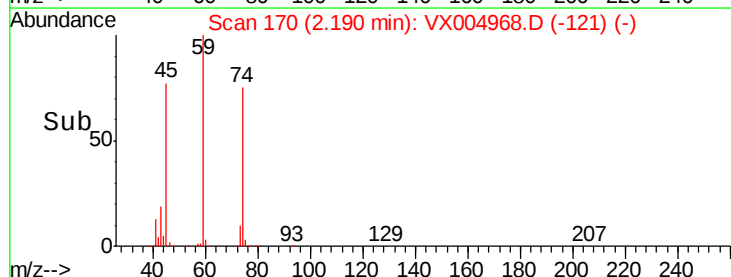
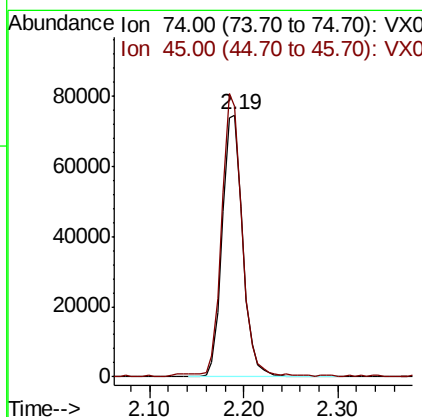
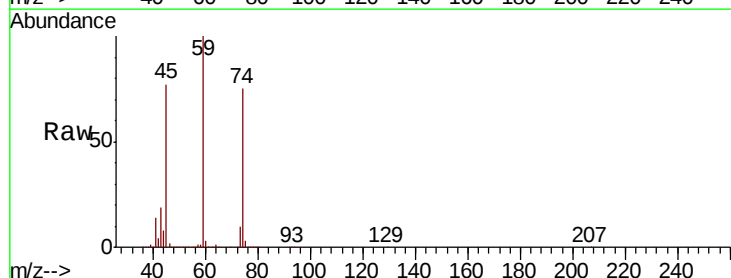
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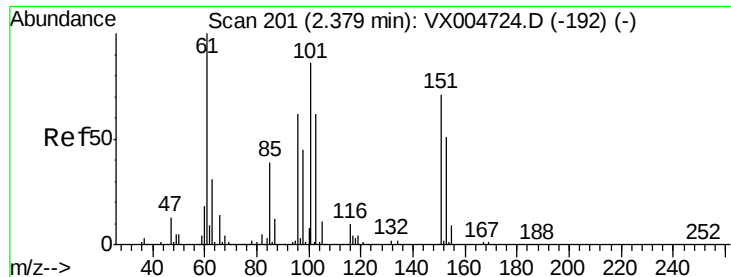


#8

Diethyl Ether
Concen: 48.530 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.8	52.5	157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.145 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

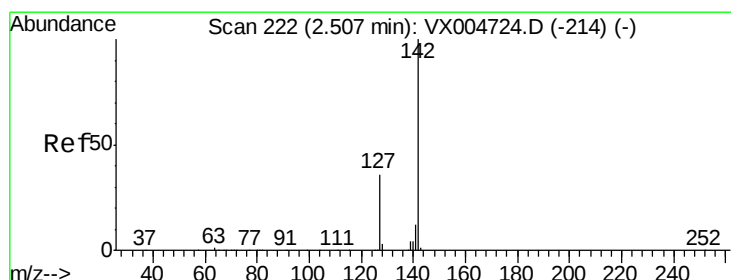
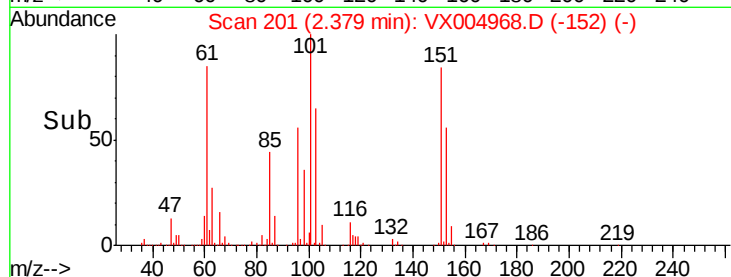
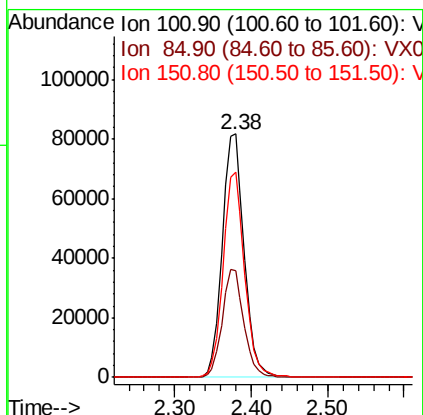
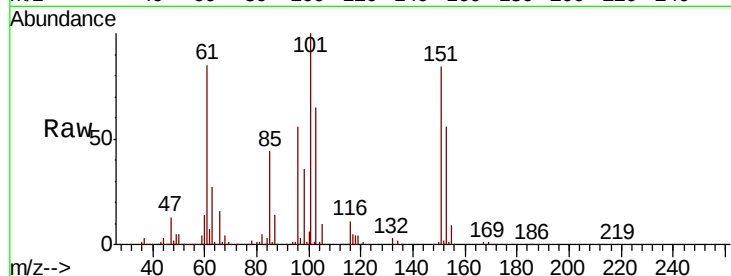
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	161210
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.9	53.9
151	83.1	66.6	100.0

Manual Integrations
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10/5/2018 3:24:43 PM



#10

Methyl Iodide

Concen: 39.616 ug/l

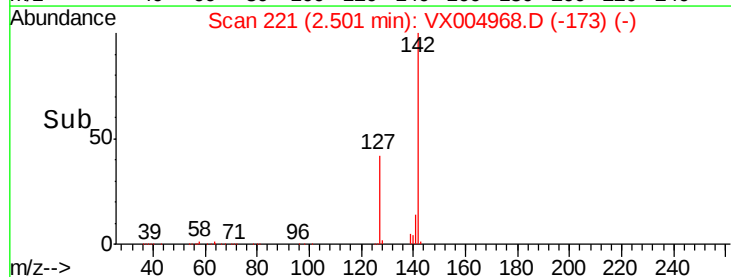
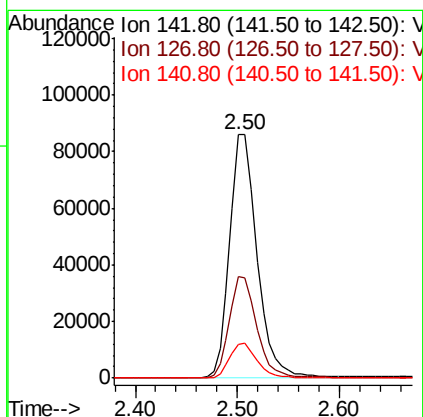
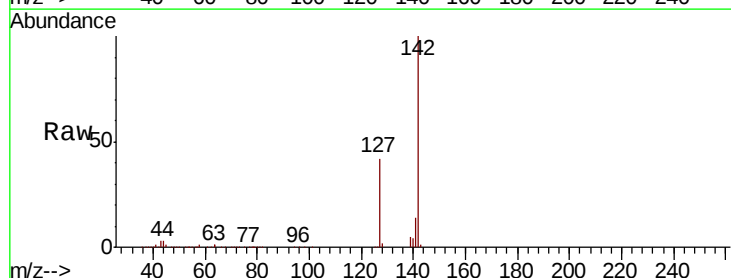
RT: 2.50 min Scan# 221

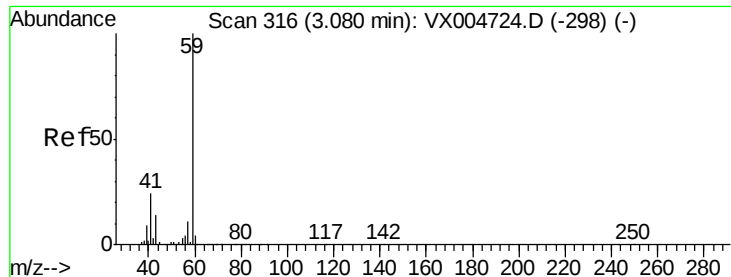
Delta R.T. -0.01 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Tgt Ion:	142	Resp:	160810
Ion Ratio	Lower	Upper	
142	100		
127	42.1	30.1	45.1
141	14.3	10.1	15.1





#11

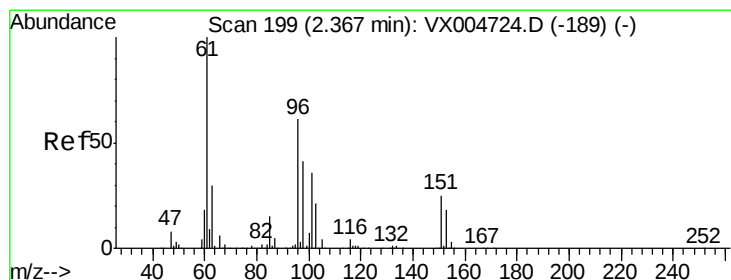
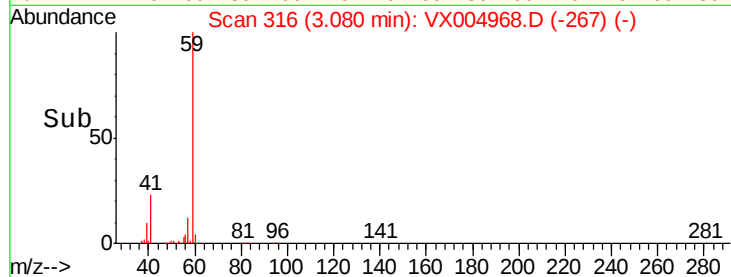
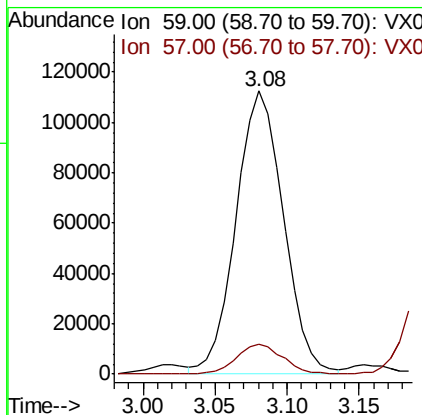
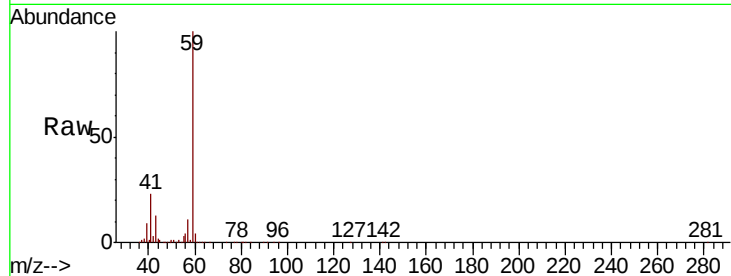
Tert butyl alcohol
 Concen: 232.690 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.6	12.8

Manual Integrations
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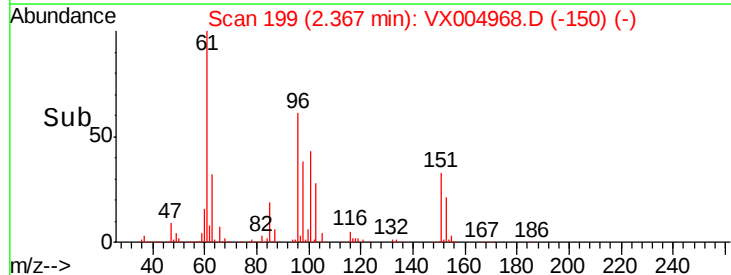
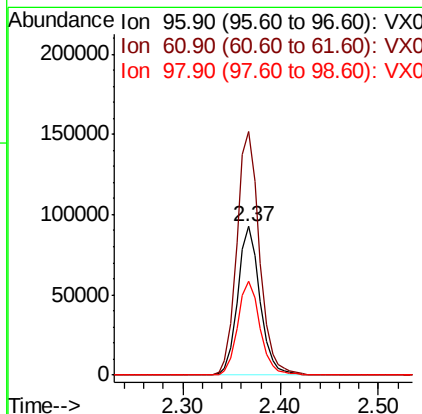
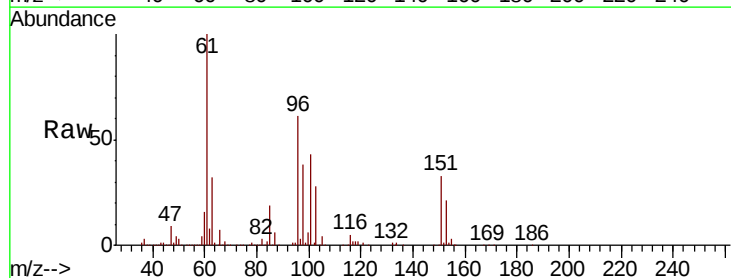
MMDadoda
 10/5/2018 3:24:43 PM

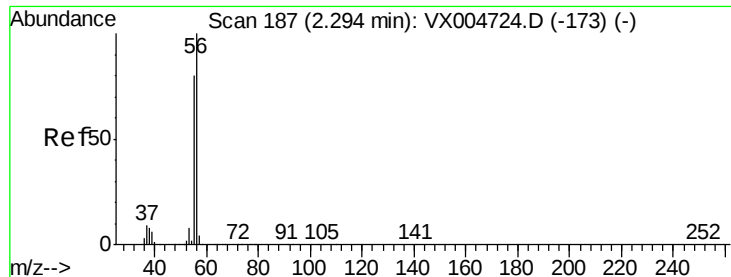


#12

1,1-Dichloroethene
 Concen: 48.801 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.8	130.2	195.4
98	62.9	53.4	80.0





#13

Acrolein

Concen: 165.116 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 130096

Ion Ratio Lower Upper

56 100

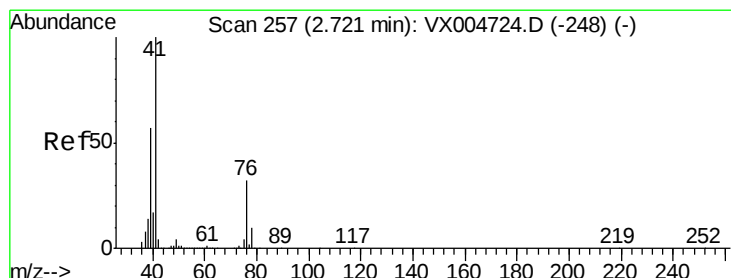
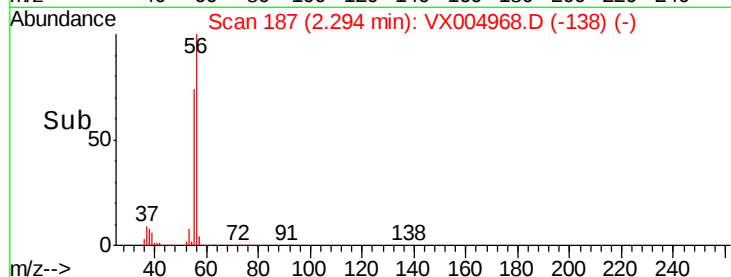
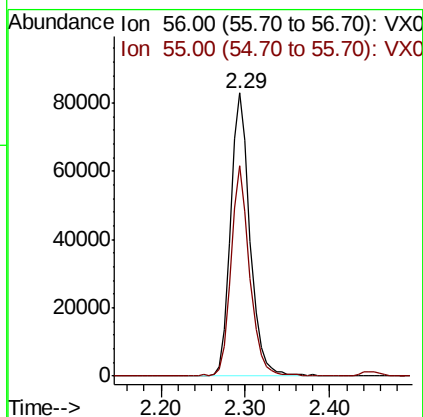
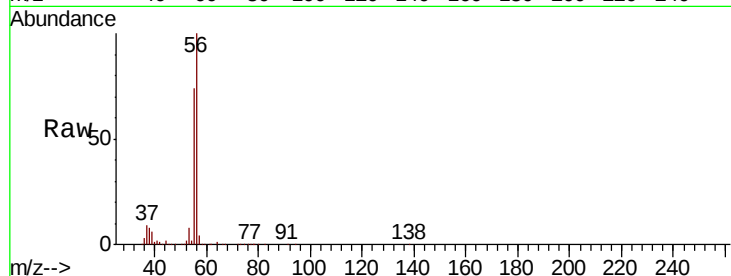
55 71.9 63.4 95.2

Manual Integrations

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#14

Allyl chloride

Concen: 49.967 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

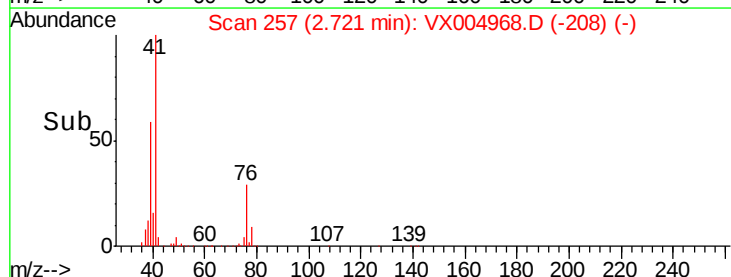
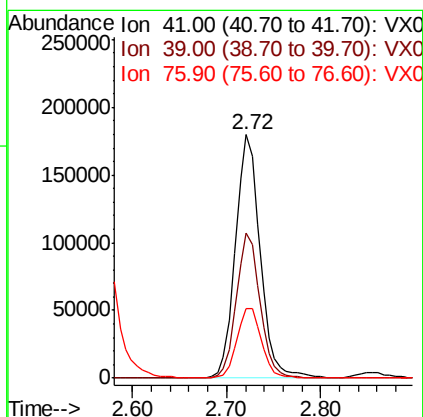
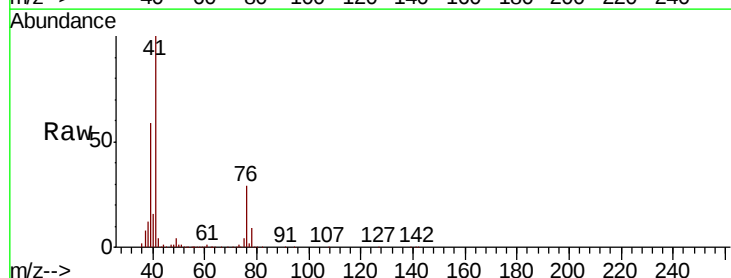
Tgt Ion: 41 Resp: 327517

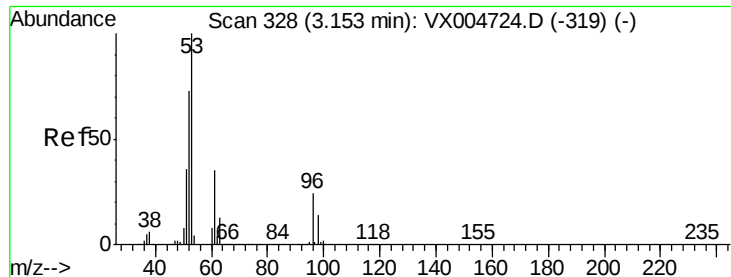
Ion Ratio Lower Upper

41 100

39 57.5 44.1 66.1

76 28.8 25.0 37.4





#15

Acrylonitrile

Concen: 245.644 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

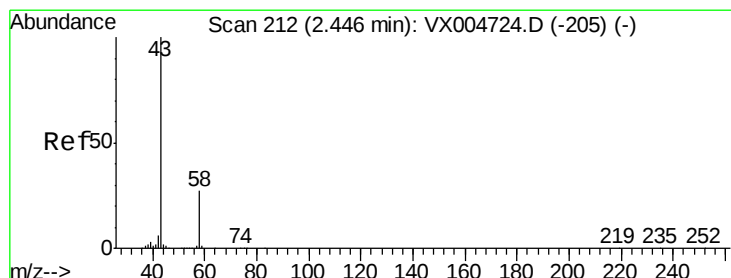
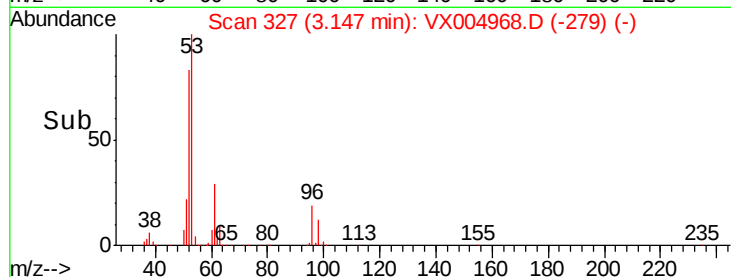
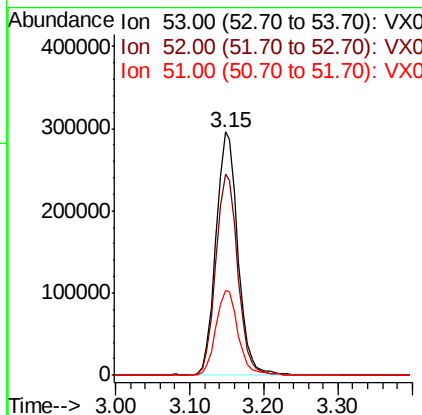
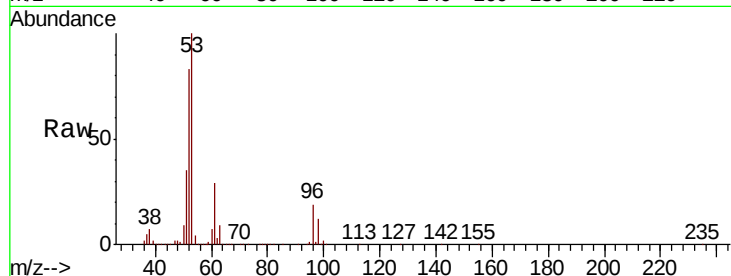
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	598830
Ion Ratio		Lower	Upper
53	100		
52	83.0	63.0	94.4
51	35.5	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 243.991 ug/l

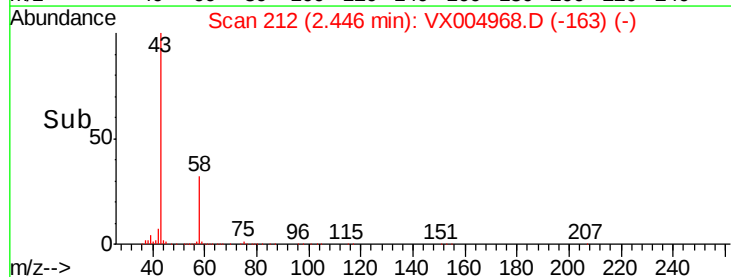
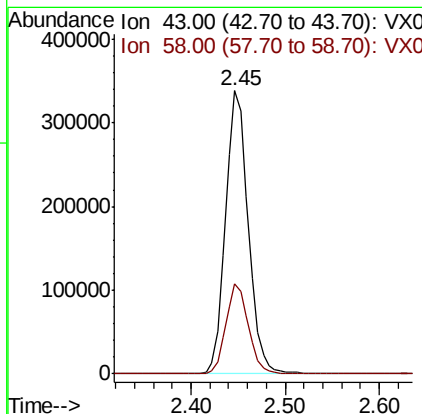
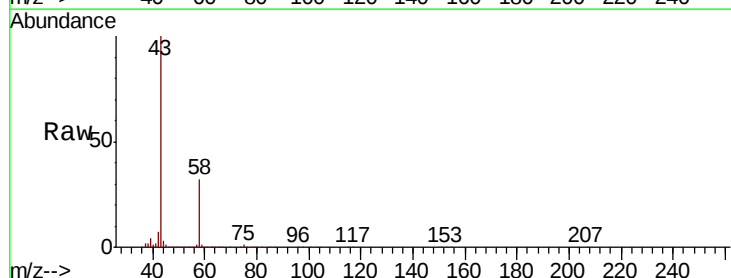
RT: 2.45 min Scan# 212

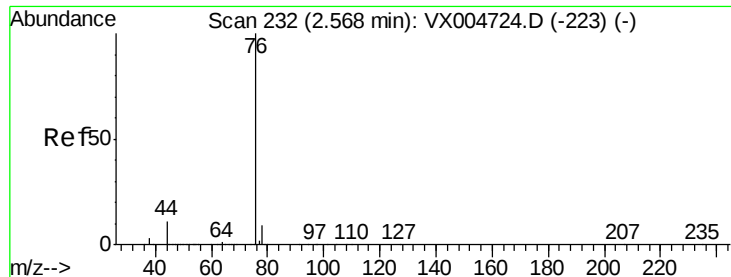
Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Tgt Ion:	43	Resp:	564160
Ion Ratio		Lower	Upper
43	100		
58	31.8	21.8	32.6





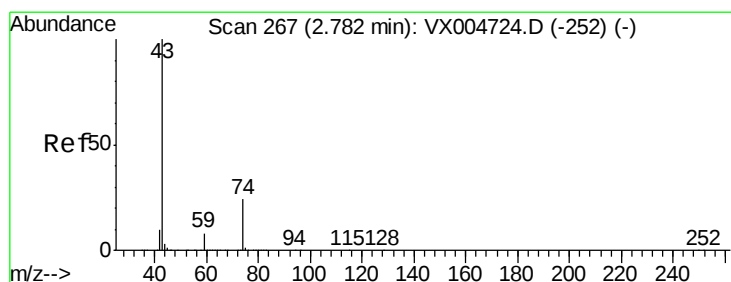
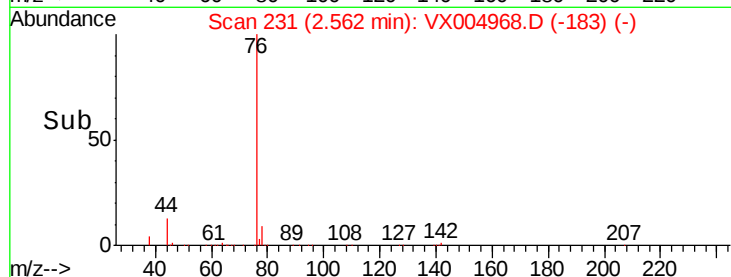
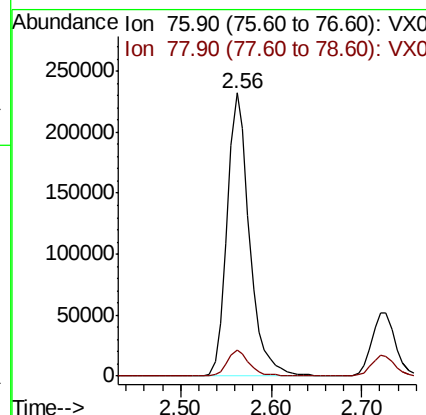
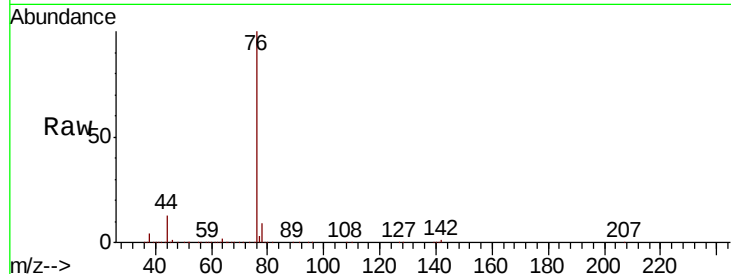
#17
Carbon Disulfide
Concen: 44.236 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.0	10.6

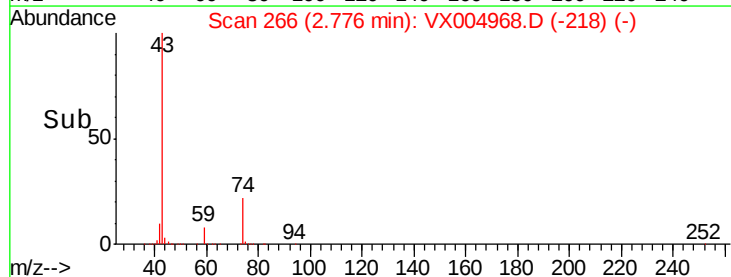
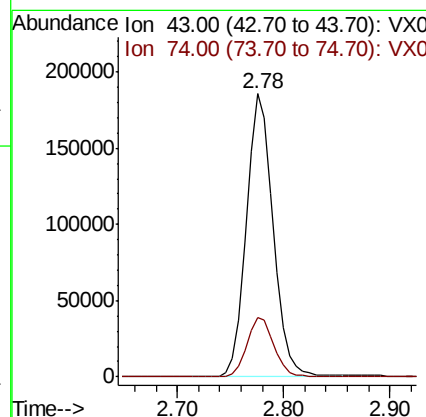
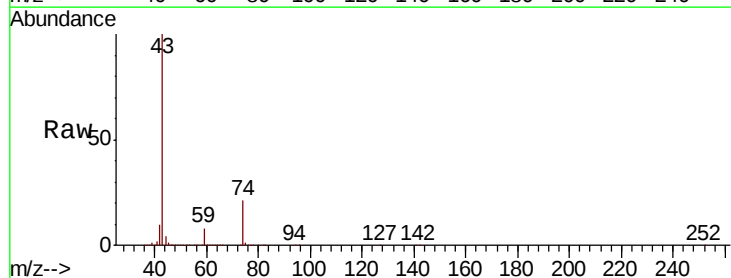
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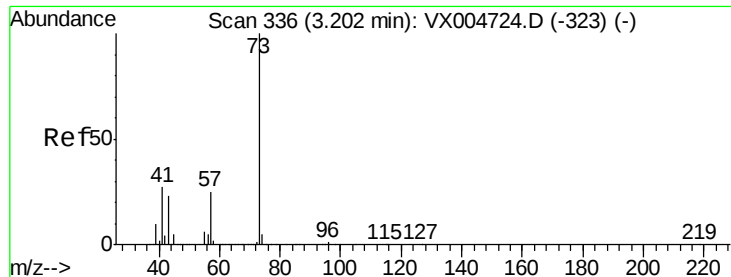
MMDadoda
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#18
Methyl Acetate
Concen: 55.830 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.0	17.8	26.8





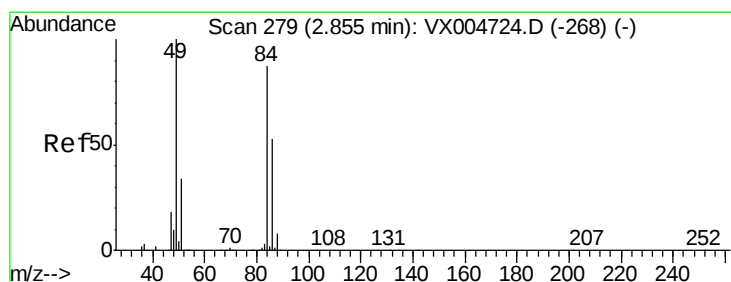
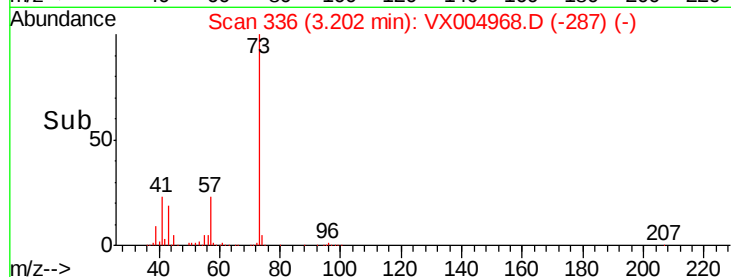
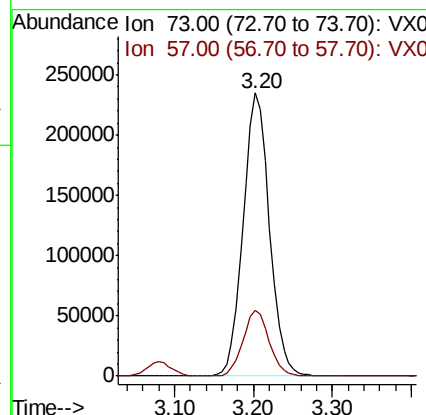
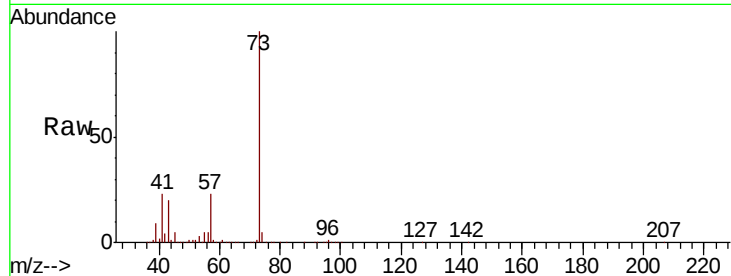
#19
Methvl tert-butvl Ether
Concen: 52.560 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.2	19.9	29.9

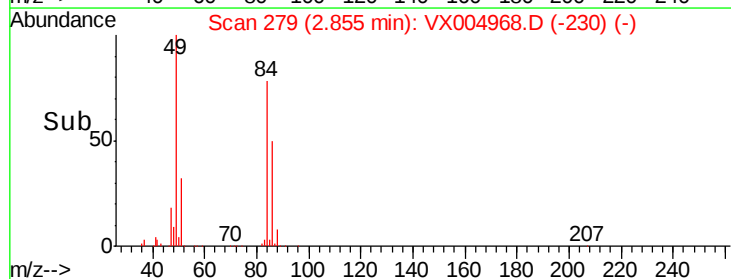
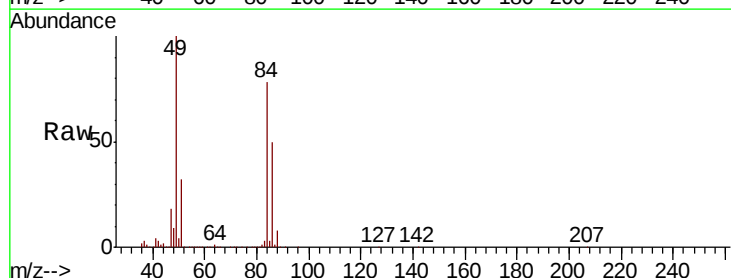
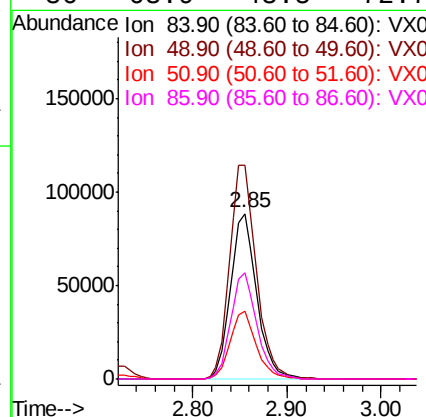
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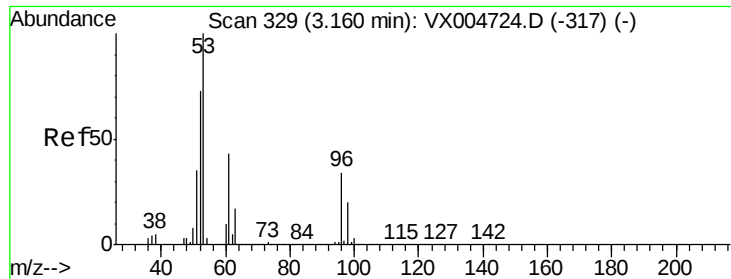
MMDadoda
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#20
Methylene Chloride
Concen: 50.969 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.8	92.3	138.5
51	41.1	31.8	47.6
86	63.9	48.5	72.7





#21

trans-1,2-Dichloroethene

Concen: 48.343 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

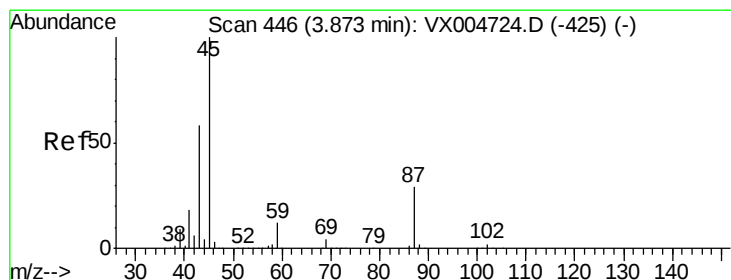
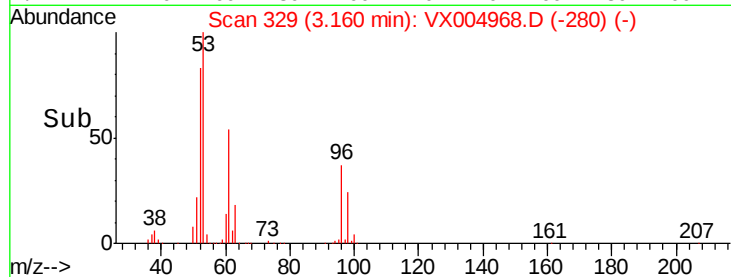
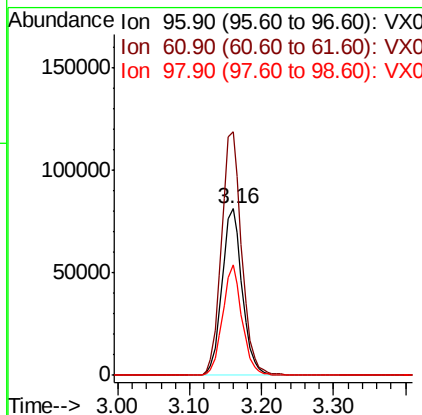
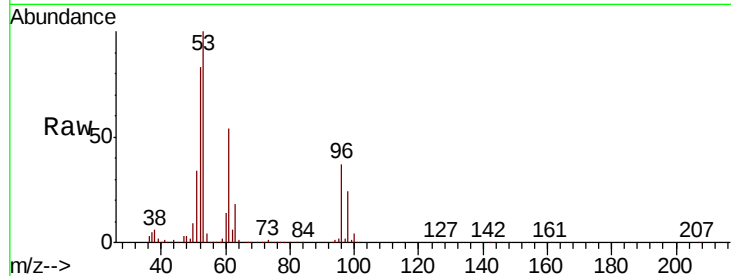
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	158977
Ion	Ratio	Lower	Upper
96	100		
61	146.2	101.0	151.6
98	66.1	47.2	70.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.061 ug/l

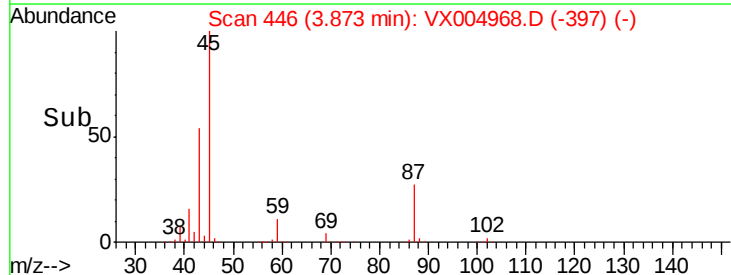
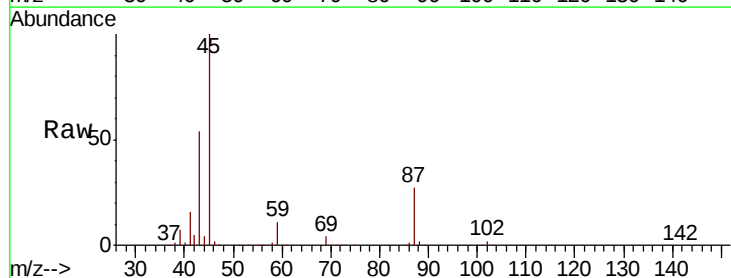
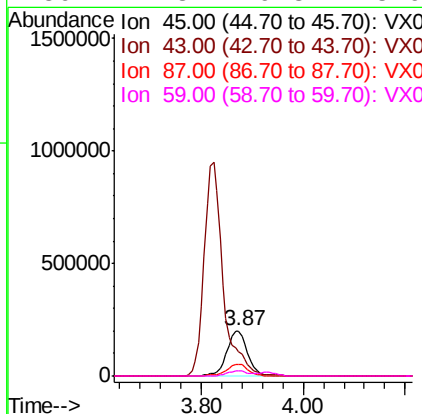
RT: 3.87 min Scan# 446

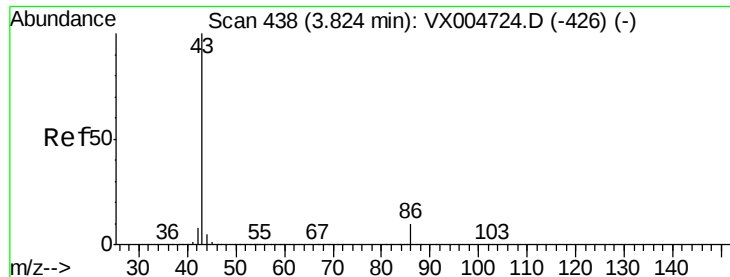
Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Tgt Ion:	45	Resp:	563584
Ion	Ratio	Lower	Upper
45	100		
43	54.1	46.7	70.1
87	26.6	22.9	34.3
59	11.3	9.3	13.9





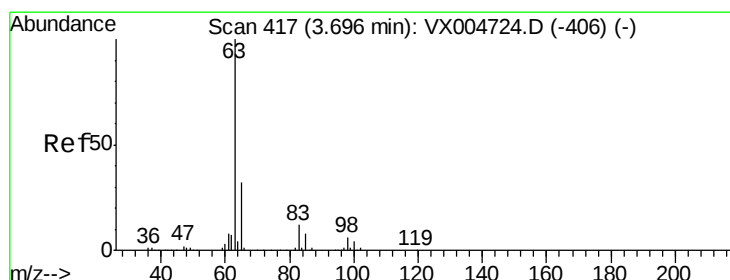
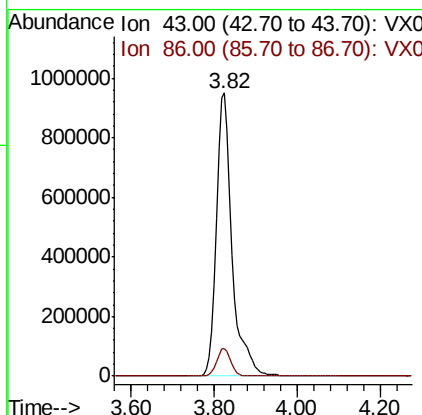
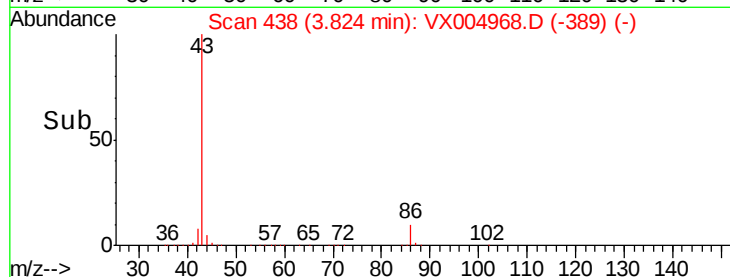
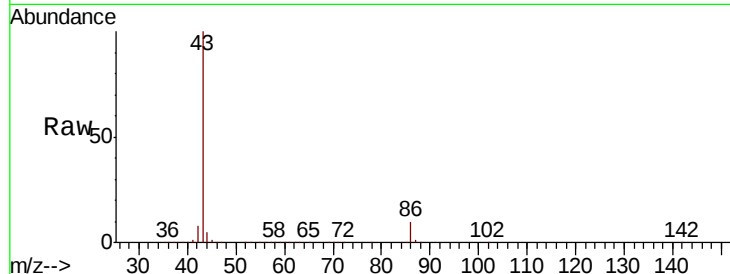
#23
 Vinyl Acetate
 Concen: 242.832 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Tot Ion: 43 Resp: 2453391
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.1 12.1

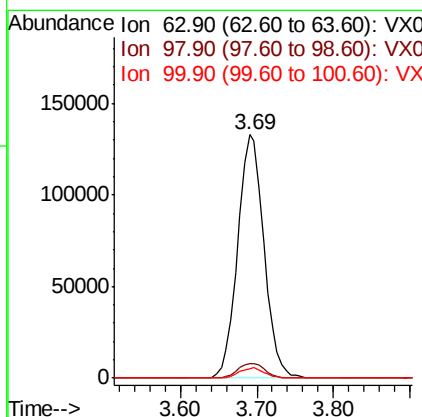
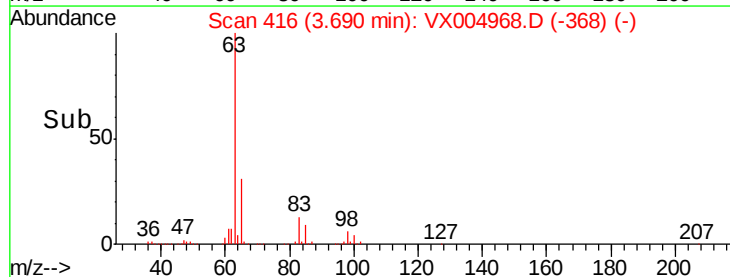
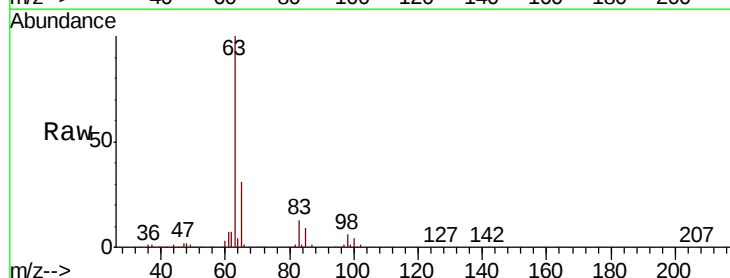
Manual Integrations
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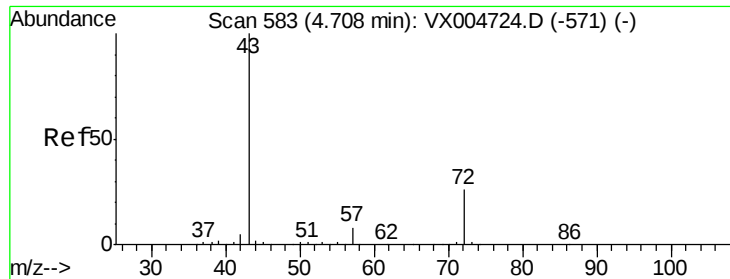
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#24
 1,1-Dichloroethane
 Concen: 48.032 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

Tgt Ion: 63 Resp: 316244
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.0 9.2
 100 4.1 2.0 5.8





#25

2-Butanone

Concen: 241.876 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 824380

Ion Ratio Lower Upper

43 100

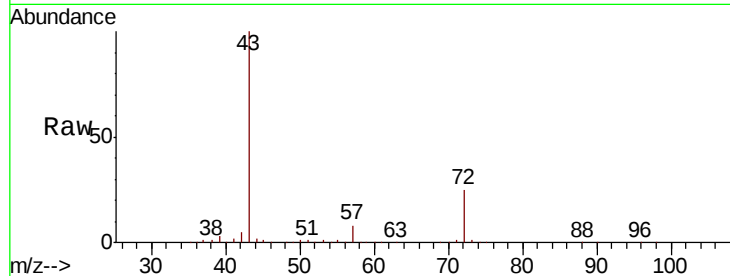
72 24.8 20.8 31.2

Manual Integrations

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MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

300000

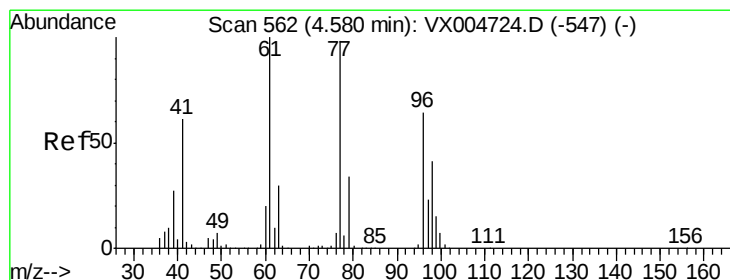
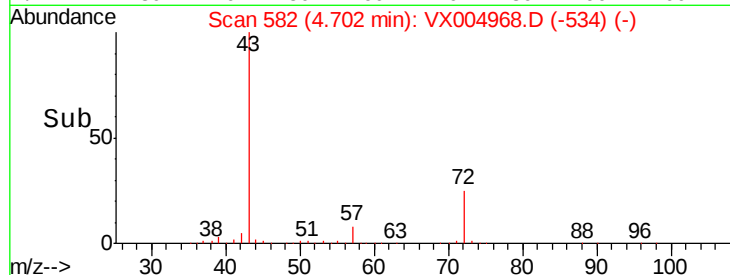
200000

100000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 52.704 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX004968.D

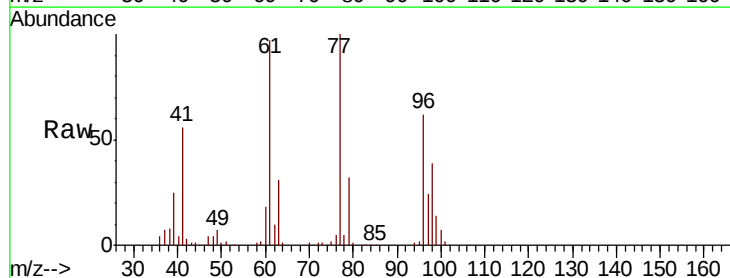
Acq: 03 Oct 2018 14:46

Tgt Ion: 77 Resp: 241636

Ion Ratio Lower Upper

77 100

97 23.5 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

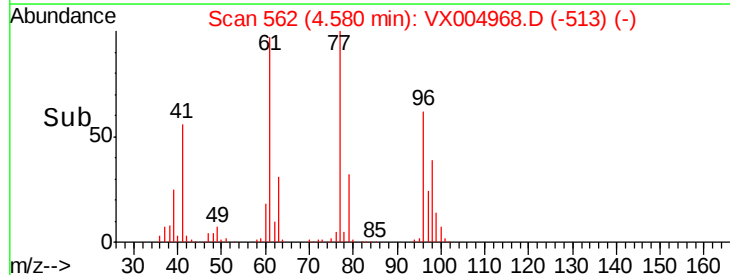
40000

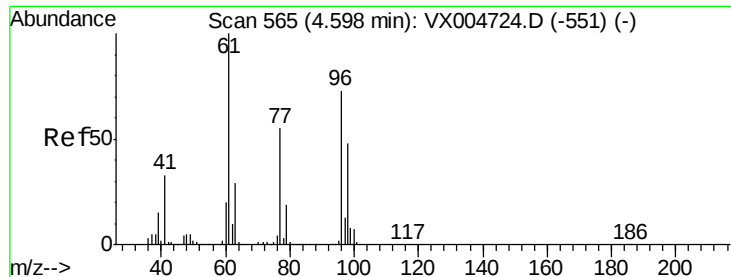
20000

0

4.40 4.50 4.60 4.70

Time-->





#27

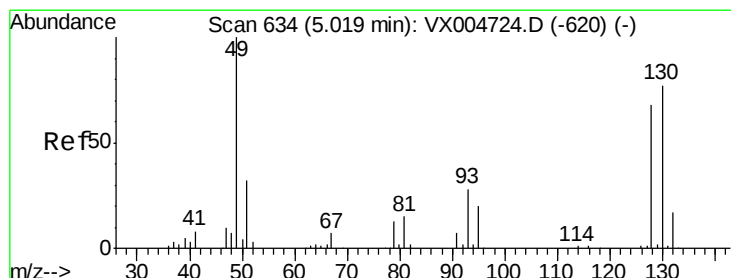
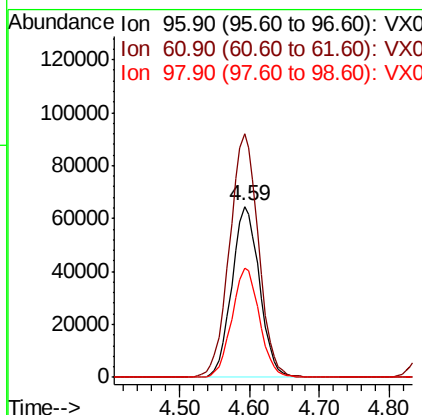
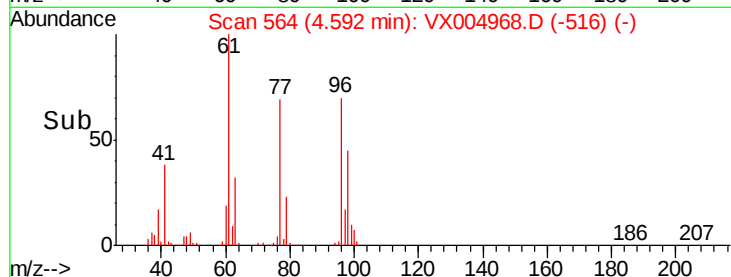
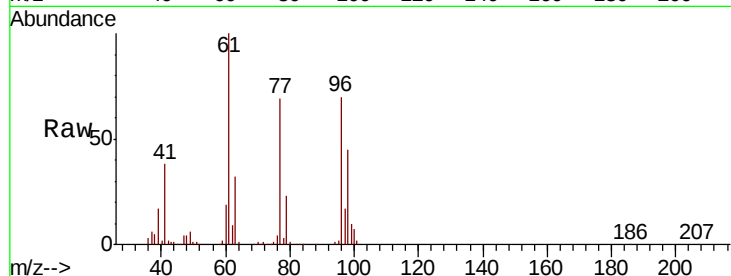
cis-1,2-Dichloroethene
Concen: 48.328 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	177541		
61	148.3	0.0	285.8	
98	63.7	0.0	136.2	

Manual Integrations
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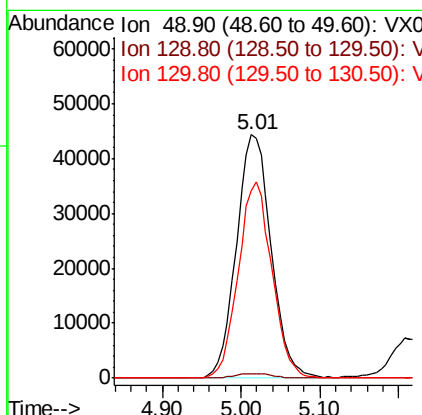
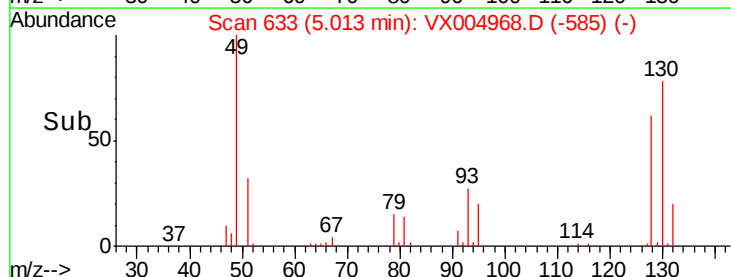
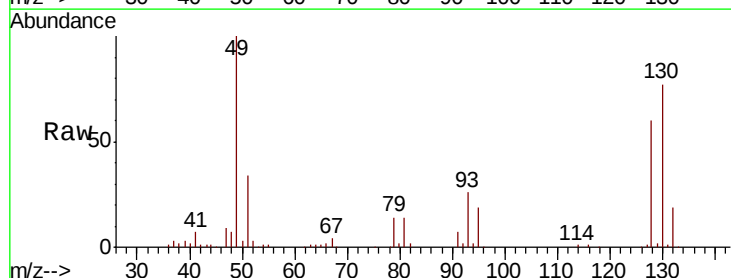
MMDadoda
10/5/2018 3:24:43 PM

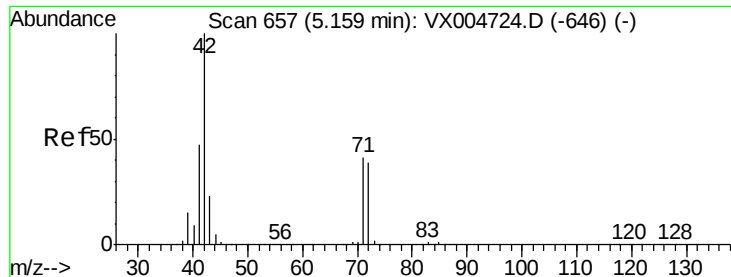


#28

Bromochloromethane
Concen: 44.011 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	136456		
129	2.0	0.0	4.2	
130	77.6	62.0	93.0	





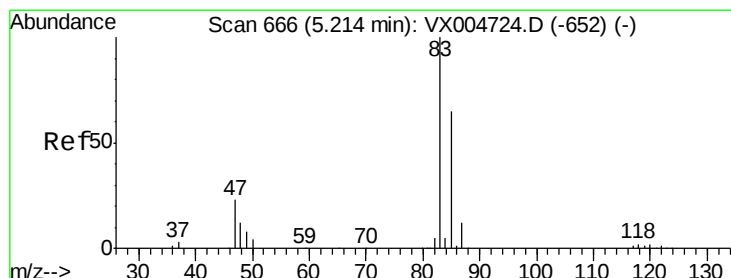
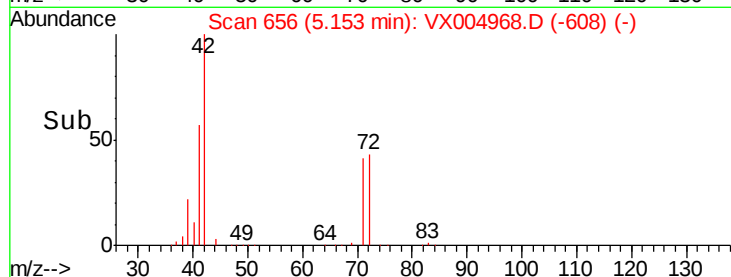
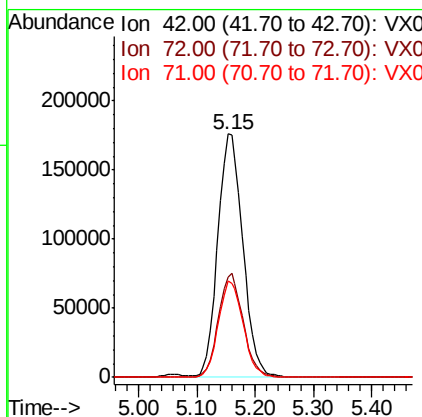
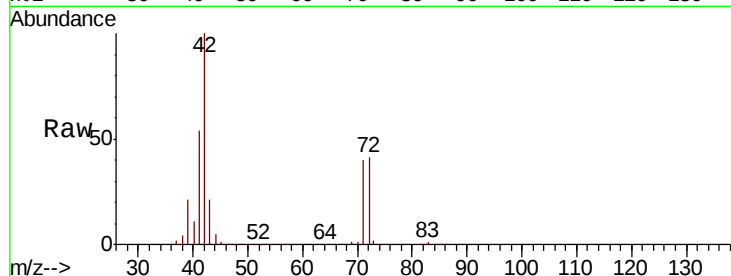
#29
Tetrahydrofuran
Concen: 247.814 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.0	33.7	50.5
71	39.1	32.2	48.4

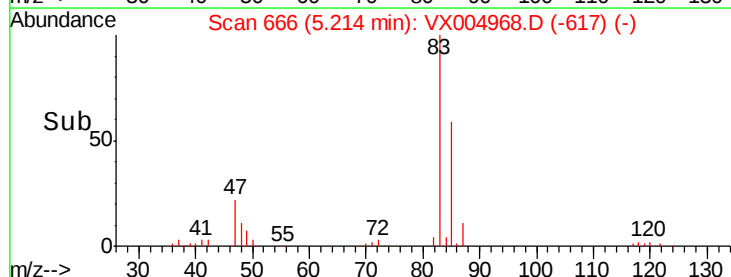
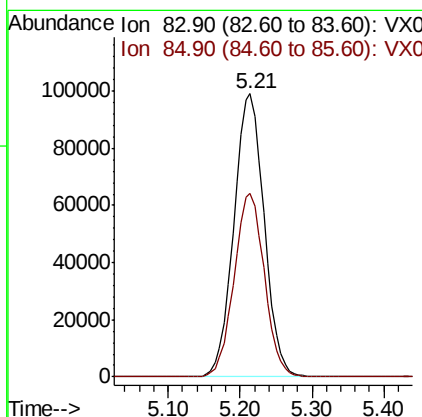
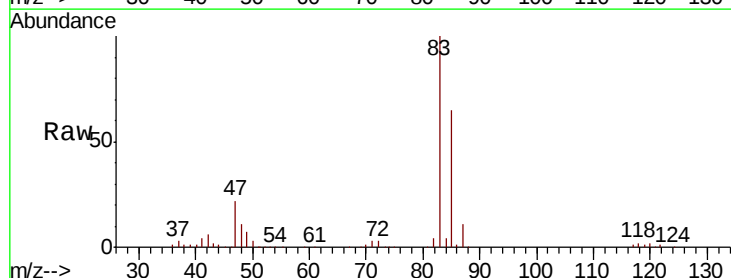
Manual Integrations
APPROVED

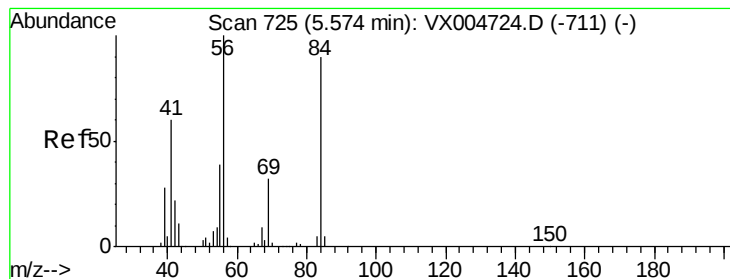
MMDadoda
10/5/2018 3:24:43 PM



#30
Chloroform
Concen: 46.487 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.4	78.6





#31

Cyclohexane

Concen: 54.132 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

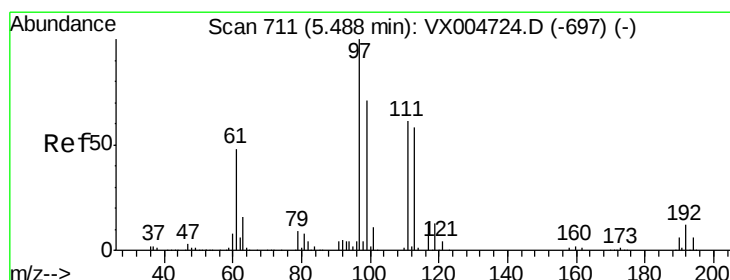
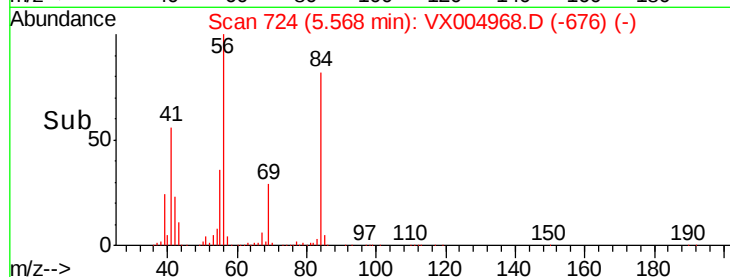
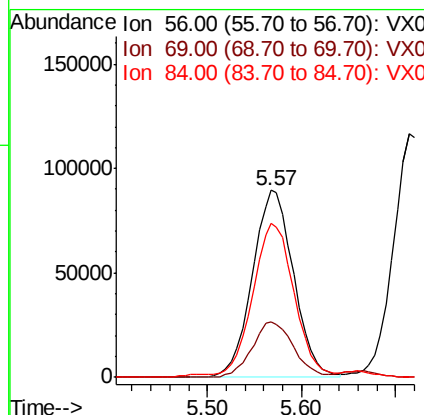
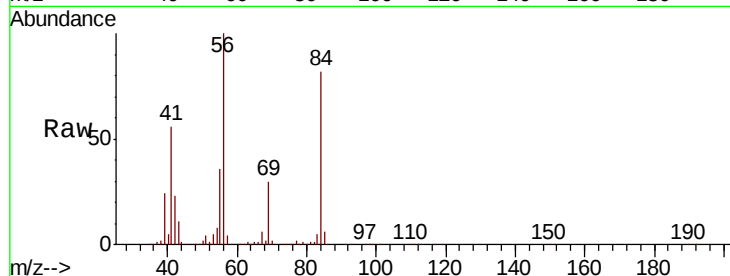
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	272779
Ion	Ratio	Lower	Upper
56	100		
69	29.6	25.9	38.9
84	80.9	71.9	107.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.616 ug/l

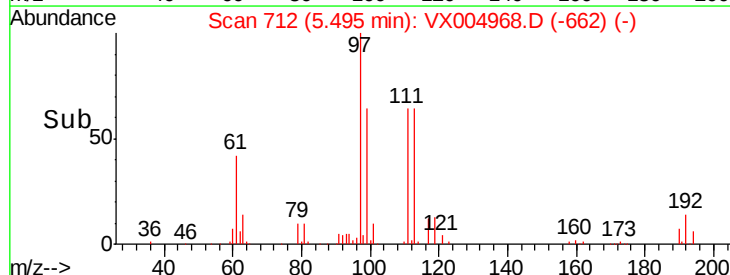
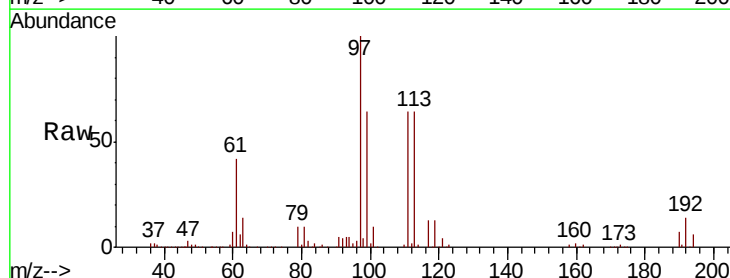
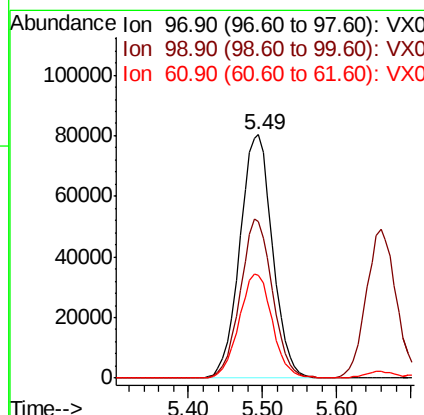
RT: 5.49 min Scan# 712

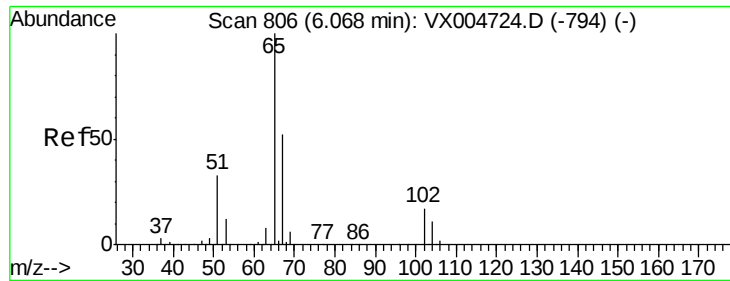
Delta R.T. 0.01 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Tgt Ion:	97	Resp:	247056
Ion	Ratio	Lower	Upper
97	100		
99	64.2	54.6	82.0
61	43.5	37.5	56.3





#33

1,2-Dichloroethane-d4

Concen: 44.899 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Tot Ion: 65 Resp: 177823

Ion Ratio Lower Upper

65 100

67 54.3 0.0 107.4

Instrument :

MSVOA_X

ClientSampleId :

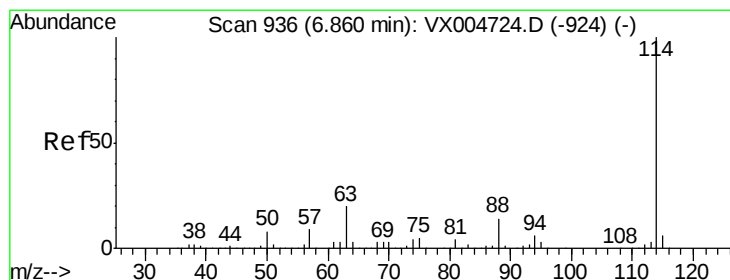
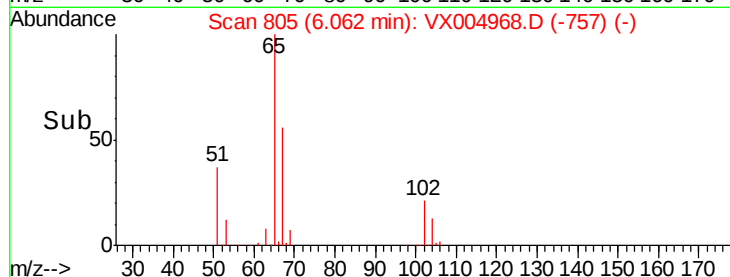
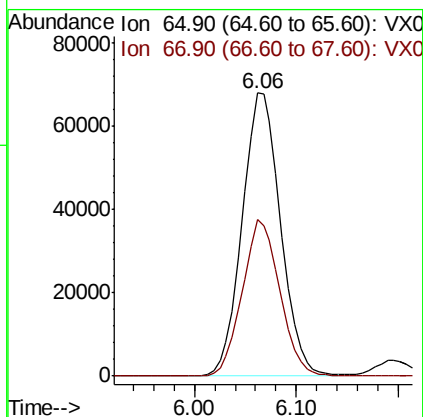
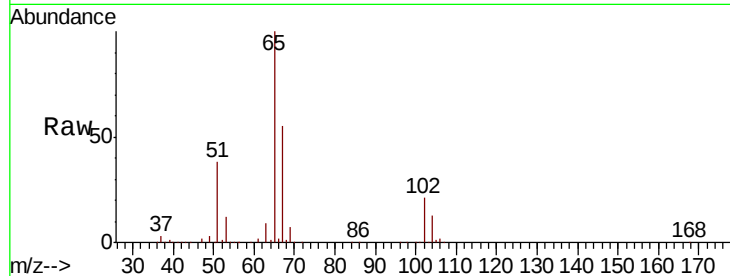
VSTDCCC050

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

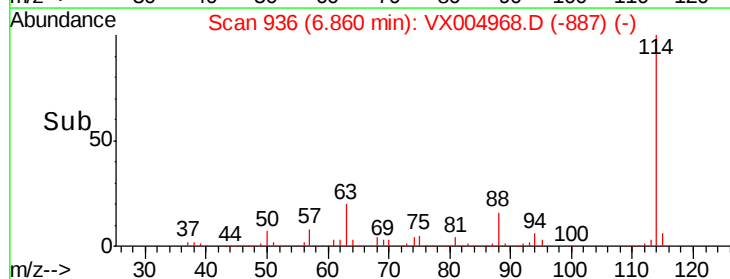
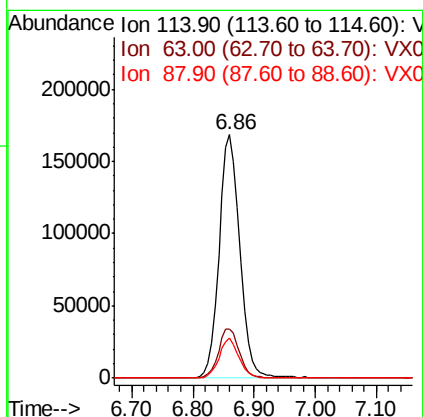
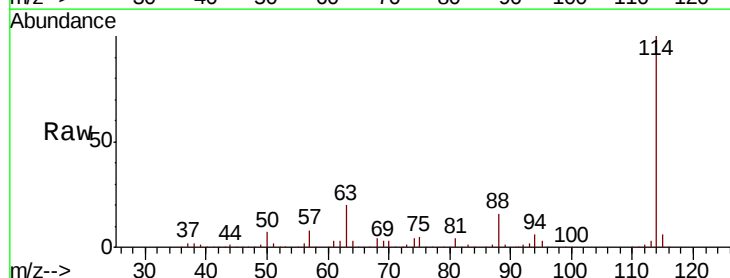
Tgt Ion: 114 Resp: 399354

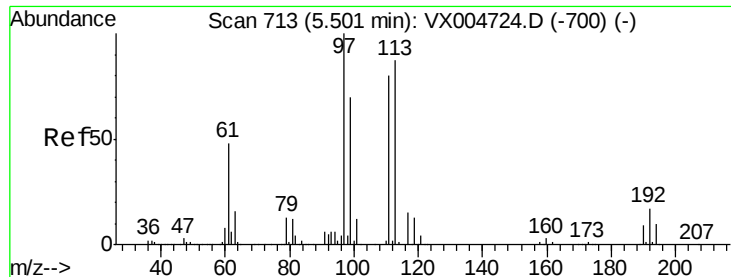
Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.8

88 16.2 0.0 27.0





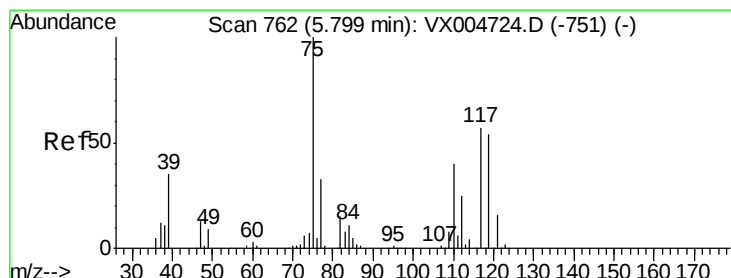
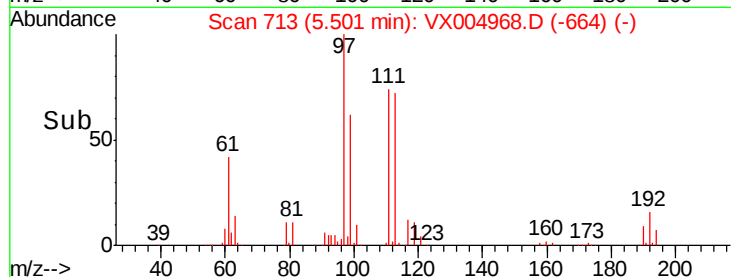
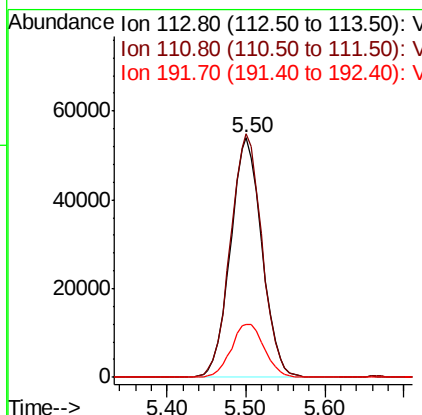
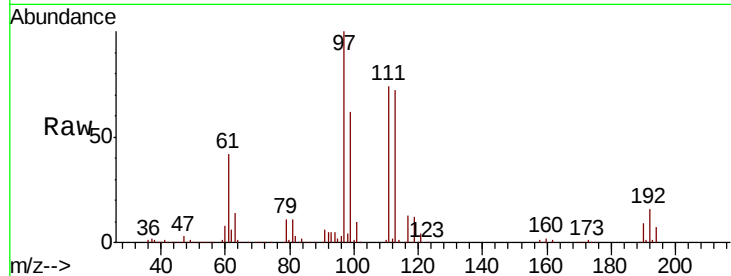
#35
Dibromofluoromethane
Concen: 44.176 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	149516		
111	102.2	77.0	115.4	
192	23.4	17.0	25.6	

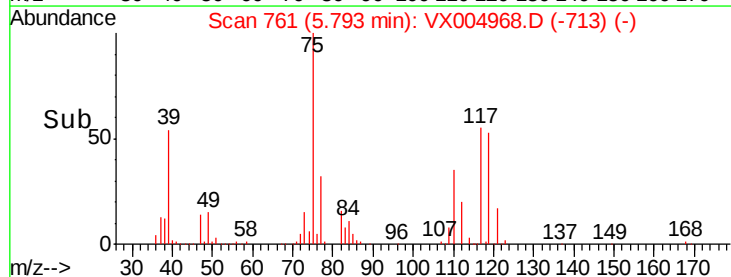
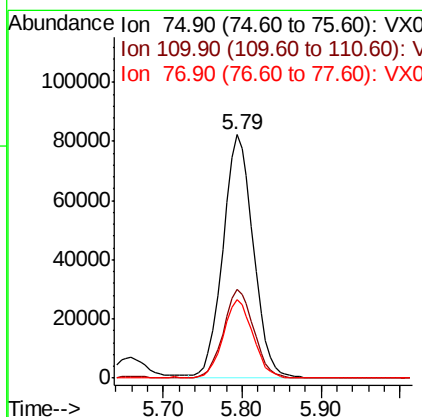
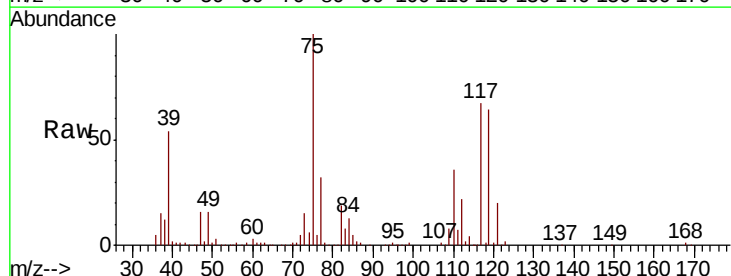
Manual Integrations
APPROVED

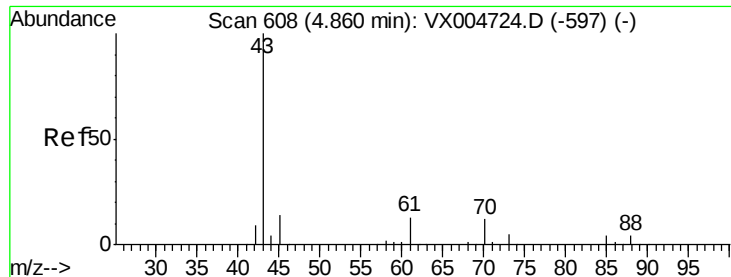
MMDadoda
10/5/2018 3:24:43 PM



#36
1,1-Dichloropropene
Concen: 47.624 ug/l
RT: 5.79 min Scan# 761
Delta R.T. -0.01 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	219919		
110	36.5	20.0	59.9	
77	31.6	27.1	40.7	





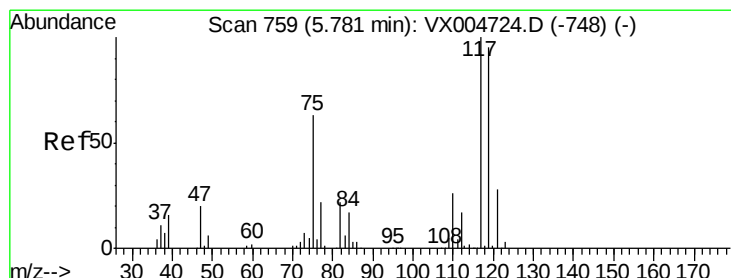
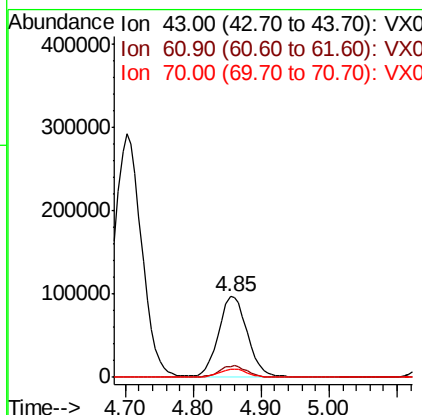
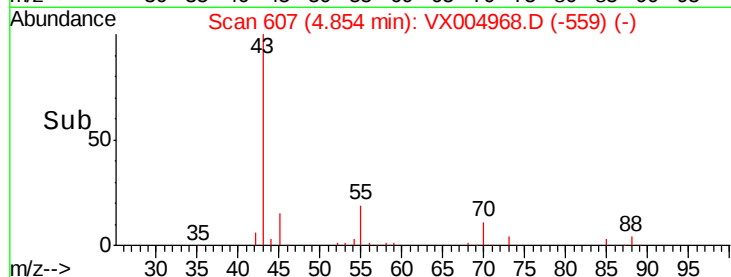
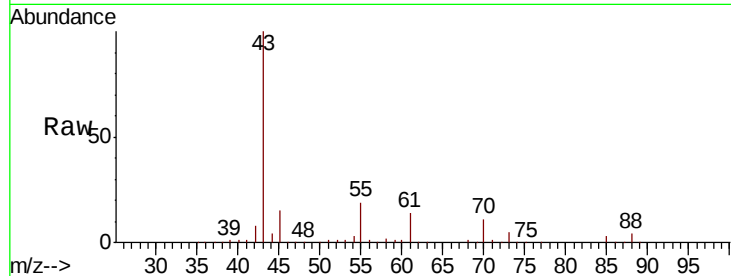
#37
Ethyl Acetate
Concen: 46.763 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.4	15.6
70	10.4	8.7	13.1

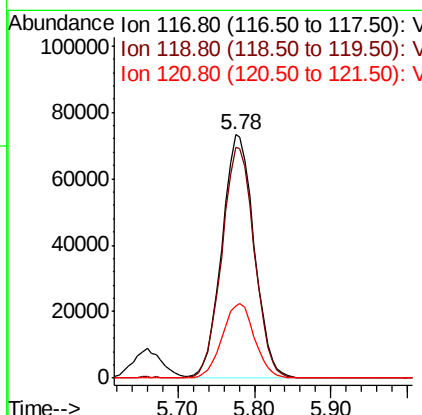
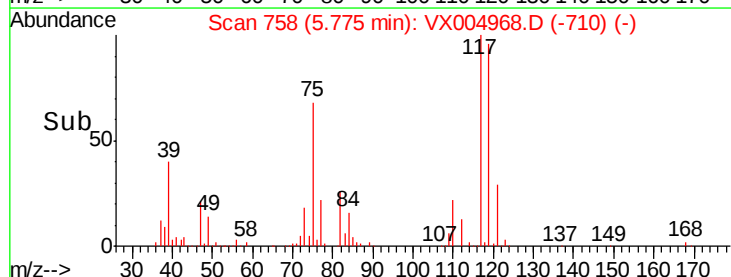
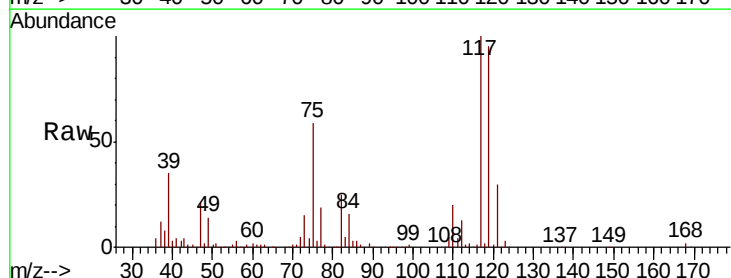
Manual Integrations
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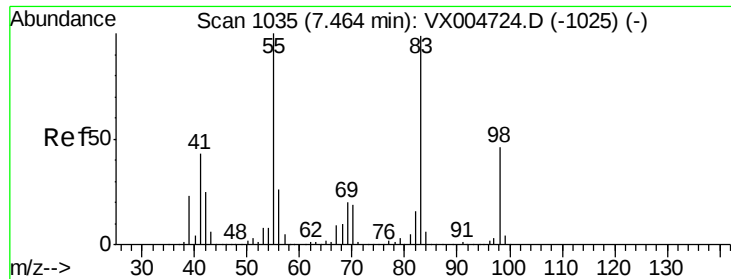
MMDadoda
10/5/2018 3:24:43 PM



#38
Carbon Tetrachloride
Concen: 44.013 ug/l
RT: 5.78 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.2	112.8
121	29.6	22.5	33.7





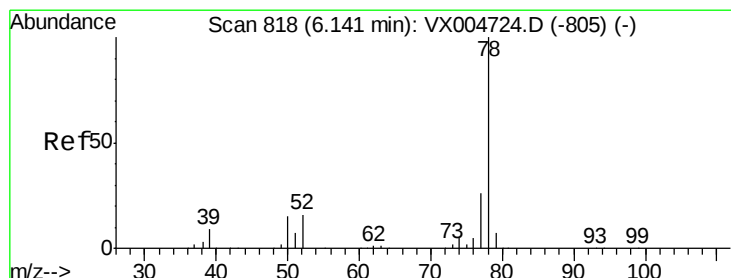
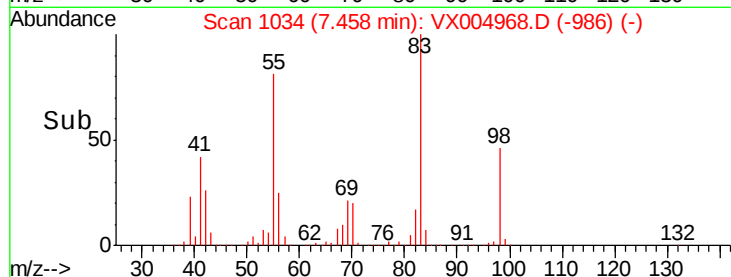
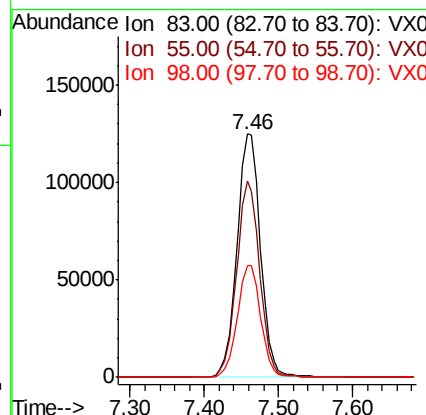
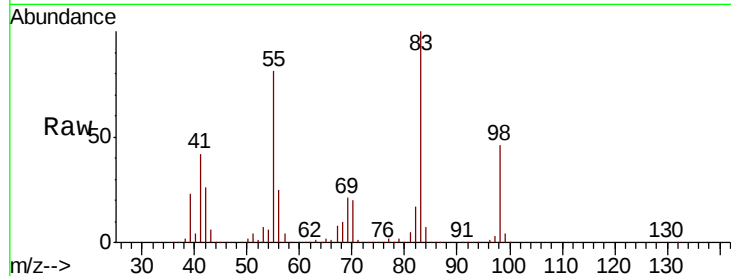
#39
Methvlcvclohexane
Concen: 58.793 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.7	81.1	121.7#
98	46.2	37.3	55.9

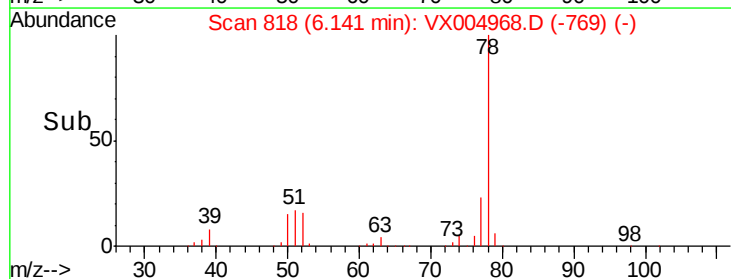
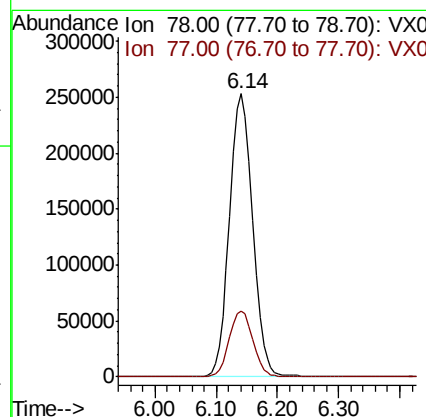
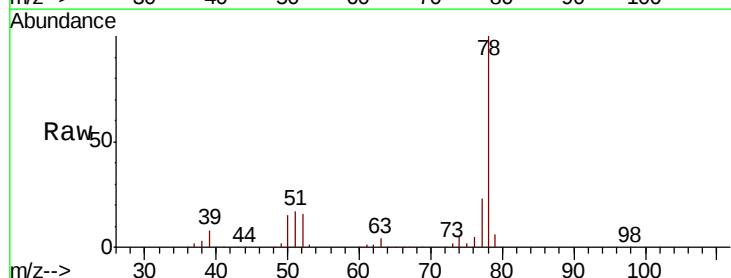
Manual Integrations
APPROVED

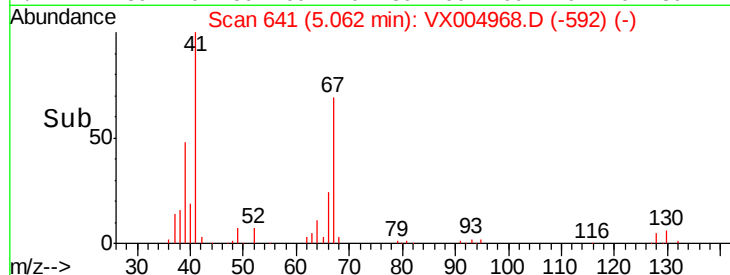
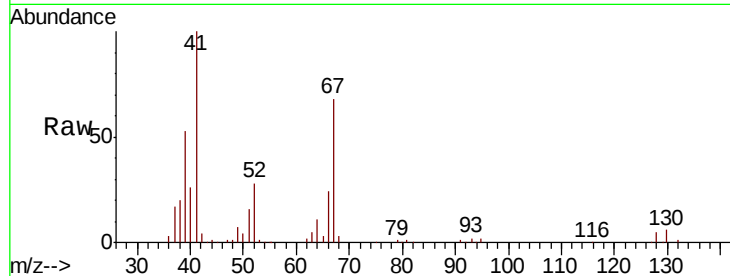
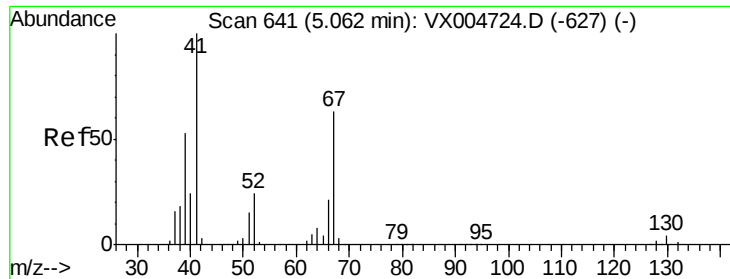
MMDadoda
10/5/2018 3:24:43 PM



#40
Benzene
Concen: 45.898 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

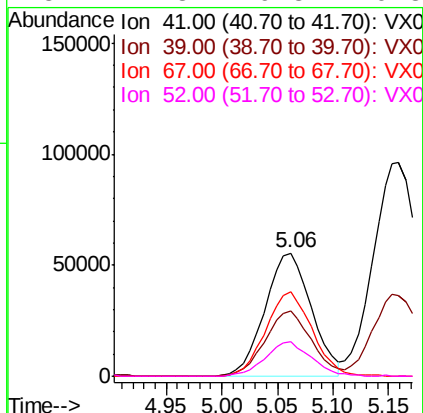
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	21.0	31.4





#41
Methacrylonitrile
Concen: 47.158 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

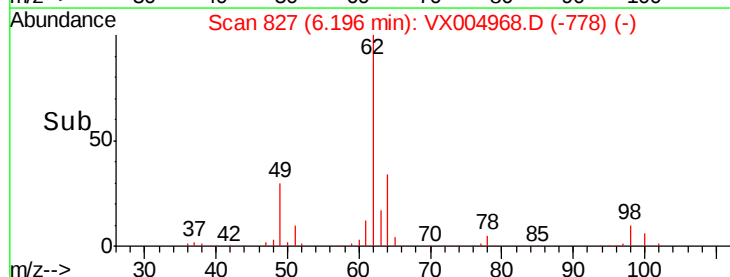
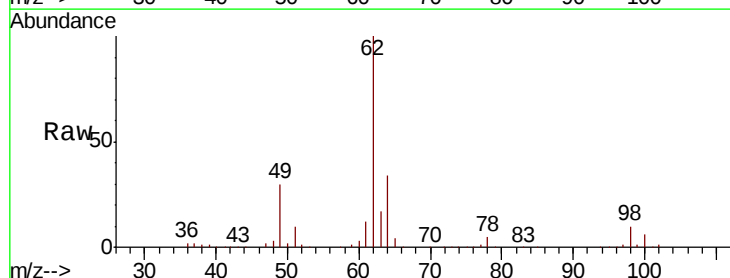
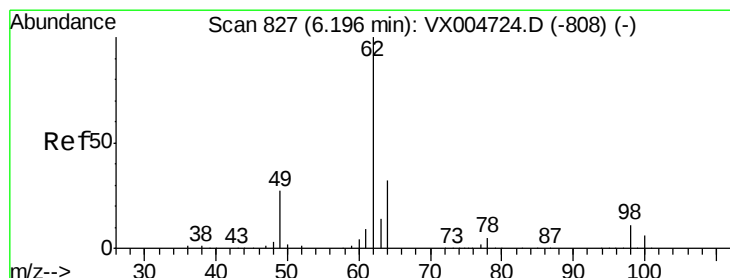
Tot Ion	Ratio	Lower	Upper
41	100		
39	53.1	42.5	63.7
67	69.0	53.0	79.6
52	27.8	19.8	29.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

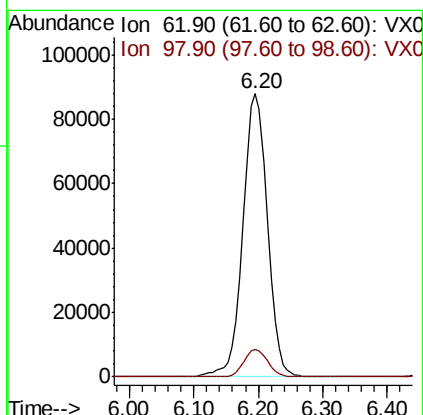
Manual Integrations
APPROVED

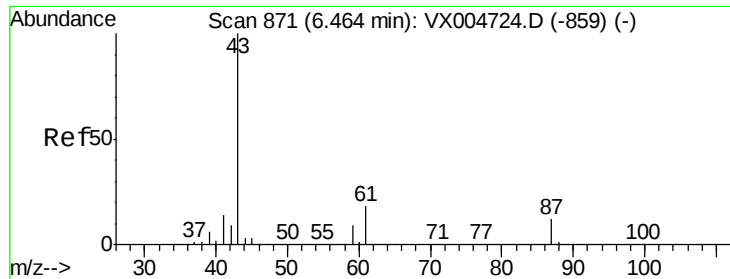
MMDadoda
10/5/2018 3:24:43 PM



#42
1,2-Dichloroethane
Concen: 44.641 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.2





#43

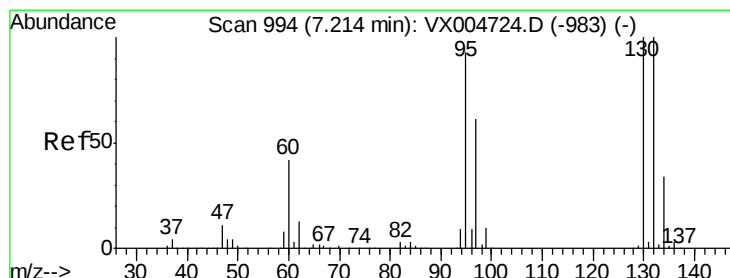
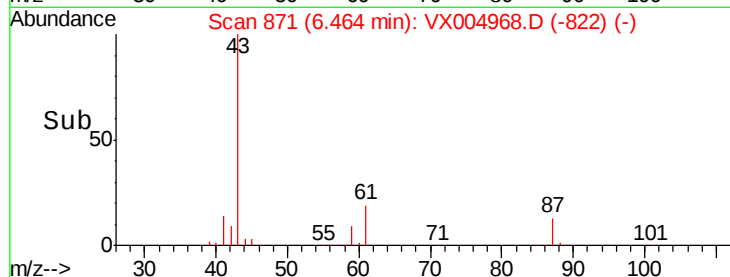
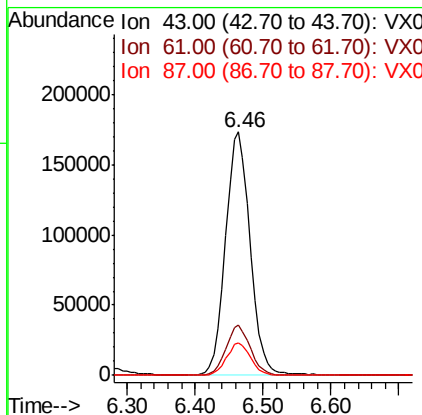
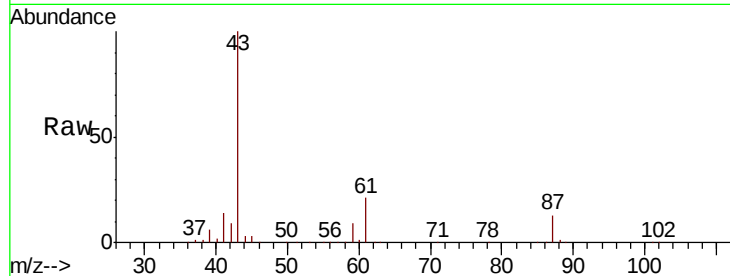
Isopropyl Acetate
 Concen: 48.963 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	14.2	21.4
87	13.0	9.3	13.9

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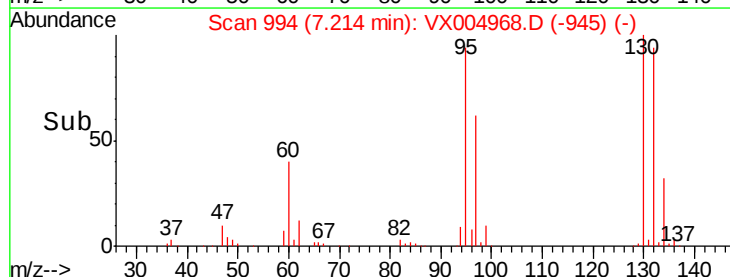
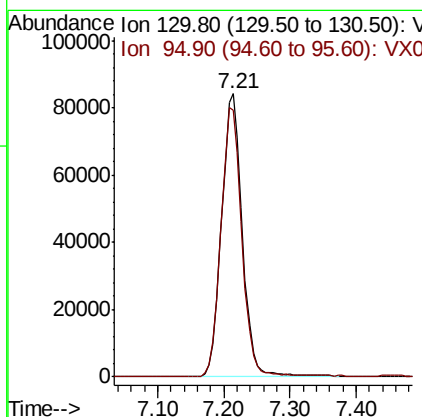
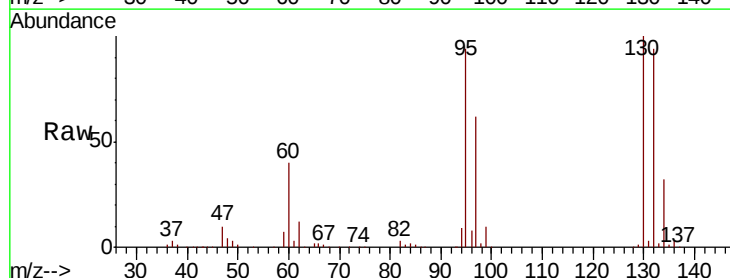
MMDadoda
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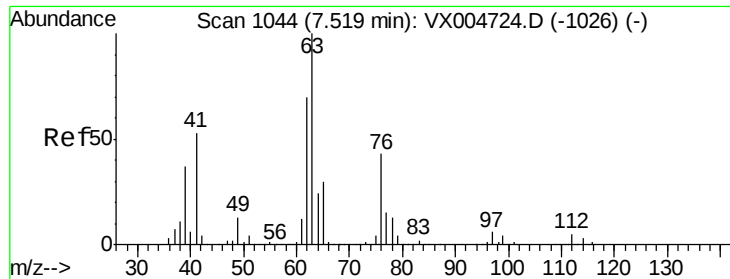


#44

Trichloroethene
 Concen: 51.481 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	186.8





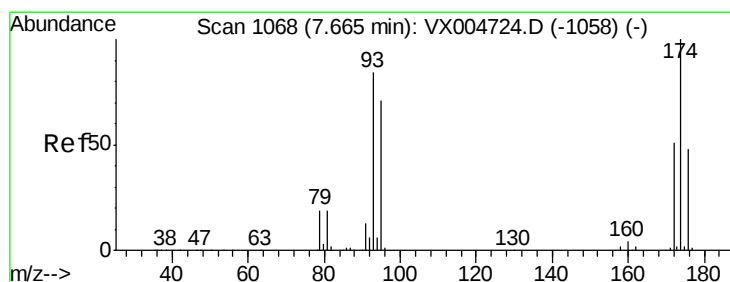
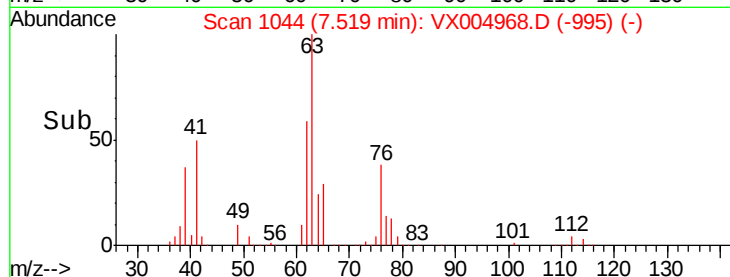
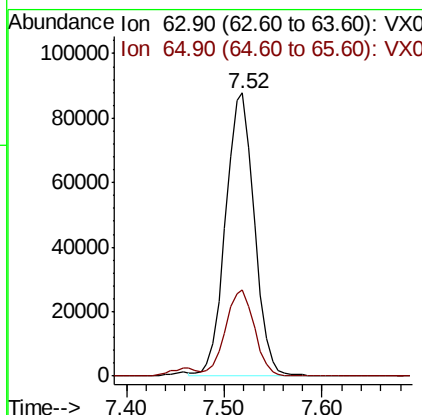
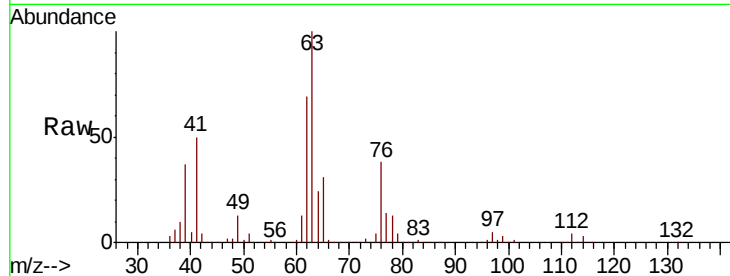
#45
 1,2-Dichloropropane
 Concen: 50.316 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 178387
 Ion Ratio Lower Upper
 63 100
 65 30.5 23.9 35.9

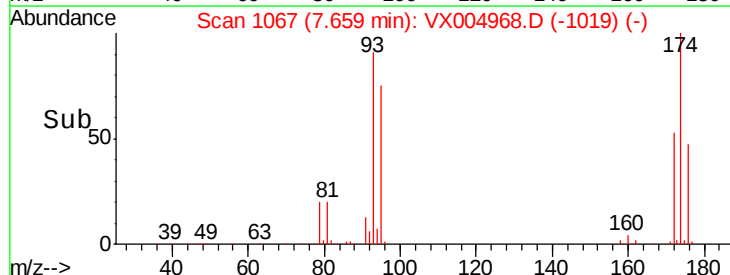
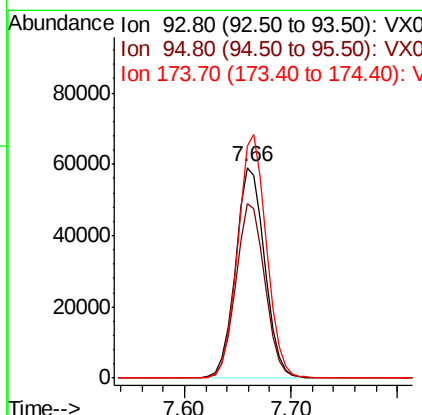
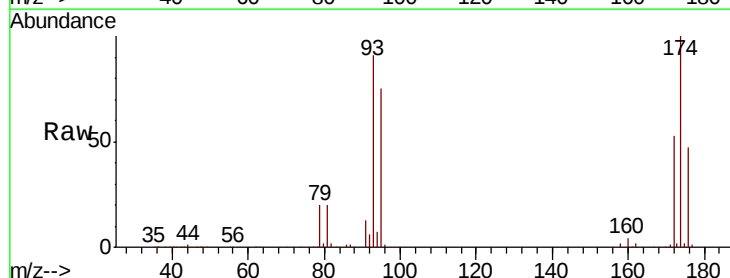
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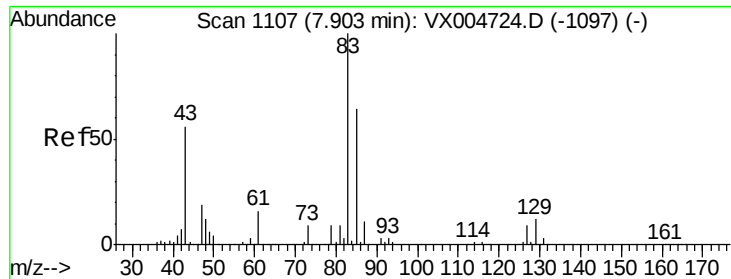
MMDadoda
 10/5/2018 3:24:43 PM



#46
 Dibromomethane
 Concen: 51.040 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

Tgt Ion: 93 Resp: 113721
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.7 100.1
 174 114.2 92.7 139.1





#47

Bromodichloromethane

Concen: 50.917 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

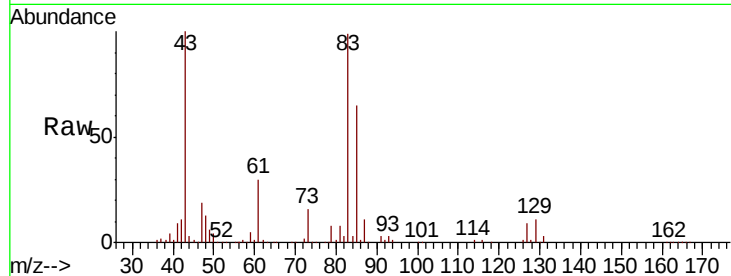
ClientSampleId :

VSTDCCC050

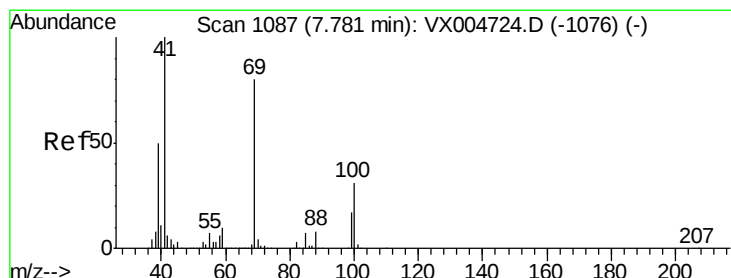
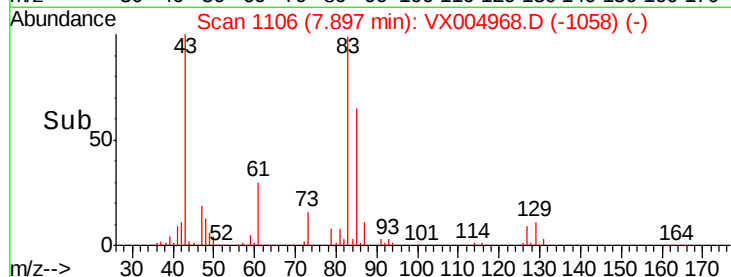
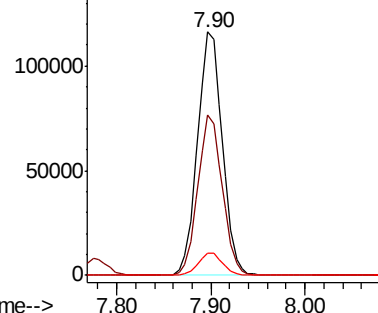
Tot Ion:	83	Resp:	212404
Ion Ratio	Lower	Upper	
83	100		
85	65.8	51.2	76.8
127	9.1	7.0	10.6

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 56.221 ug/l

RT: 7.77 min Scan# 1086

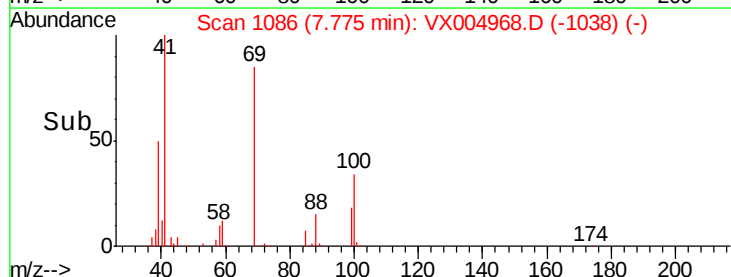
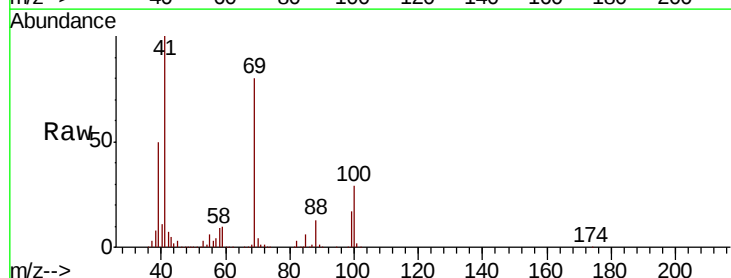
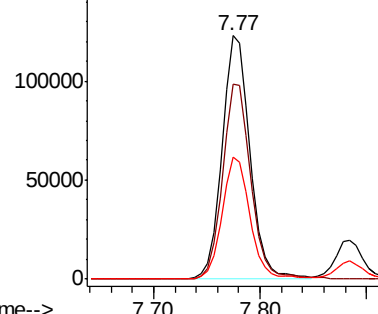
Delta R.T. -0.01 min

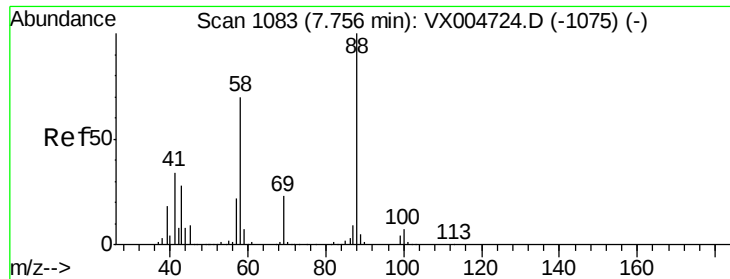
Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Tgt Ion:	41	Resp:	225765
Ion Ratio	Lower	Upper	
41	100		
69	81.7	63.8	95.6
39	50.2	40.7	61.1

Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





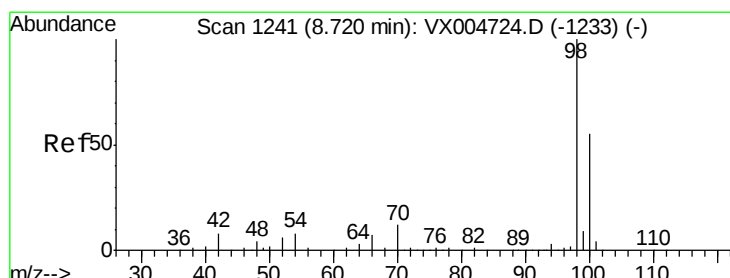
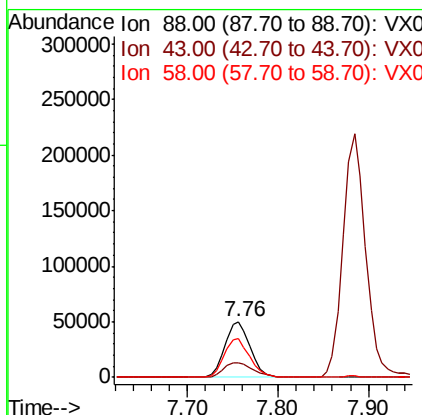
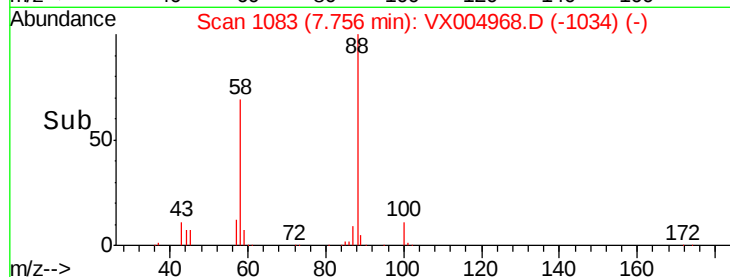
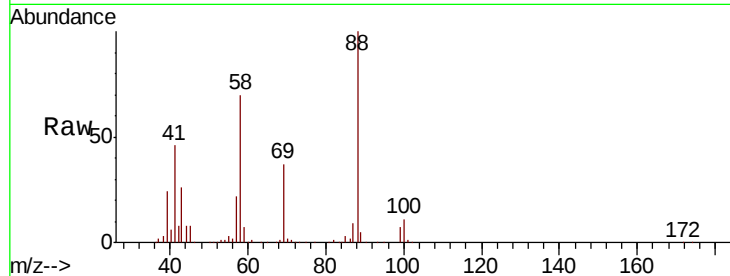
#49
1,4-Dioxane
Concen: 967.337 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.2	25.1	37.7
58	71.9	56.2	84.2

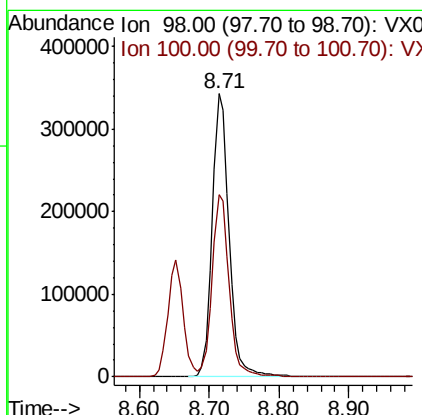
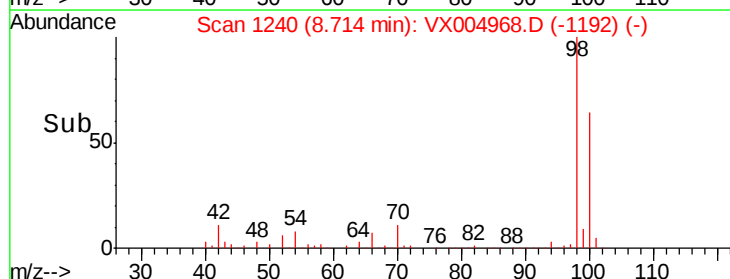
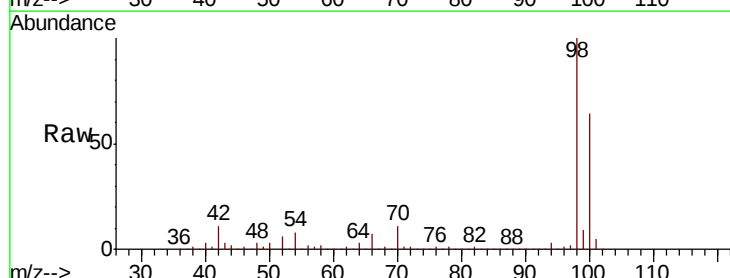
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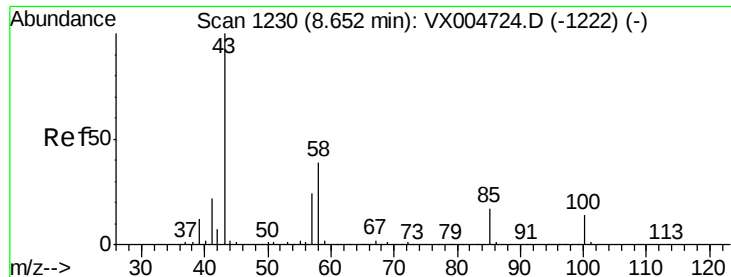
MMDadoda
10/5/2018 3:24:43 PM



#50
Toluene-d8
Concen: 50.979 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.9	77.9





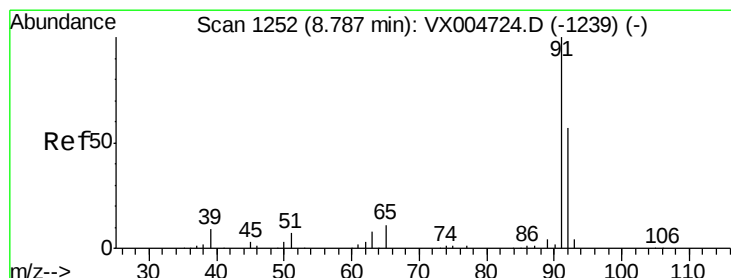
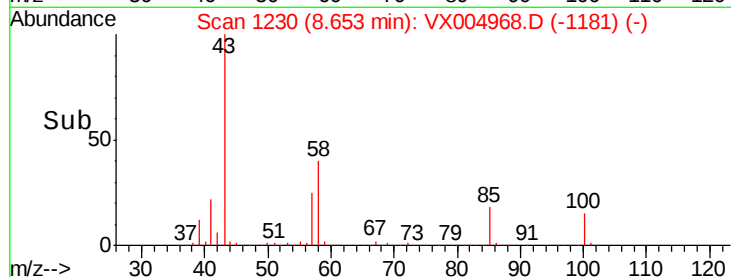
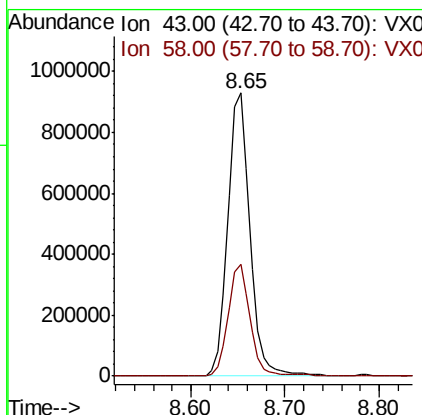
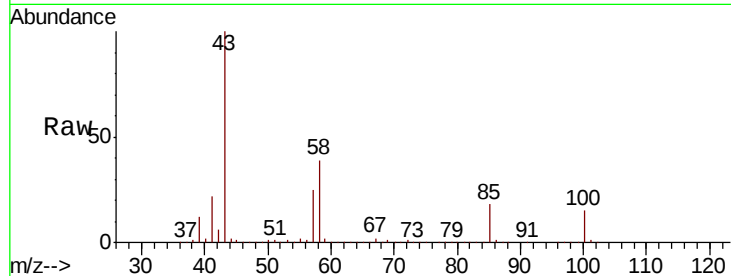
#51
4-Methyl-2-Pentanone
Concen: 273.013 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1520863
Ion Ratio Lower Upper
43 100
58 39.4 30.5 45.7

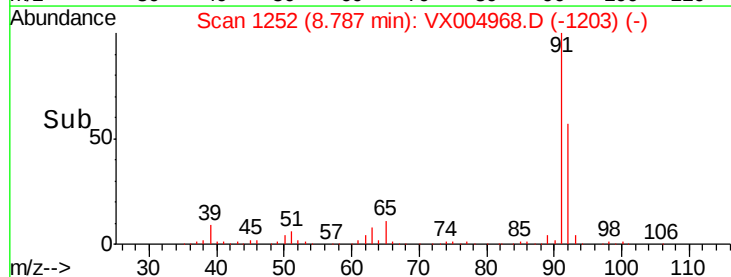
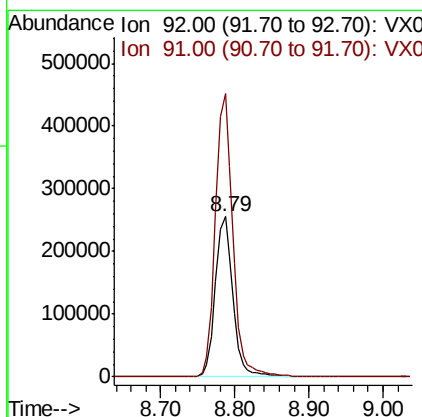
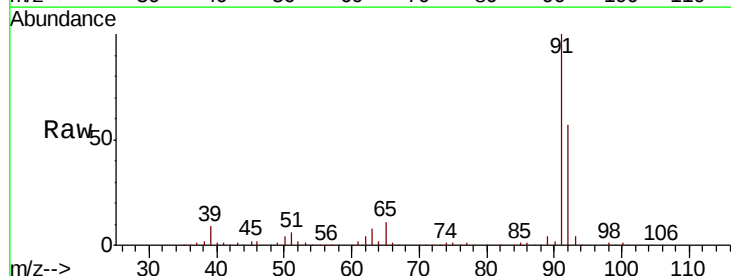
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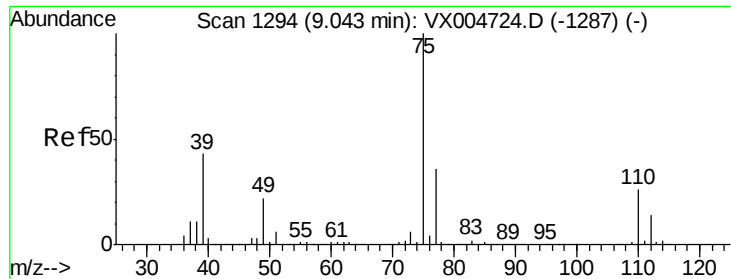
MMDadoda
10/5/2018 3:24:43 PM



#52
Toluene
Concen: 52.409 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Tgt Ion: 92 Resp: 416329
Ion Ratio Lower Upper
92 100
91 175.6 136.7 205.1





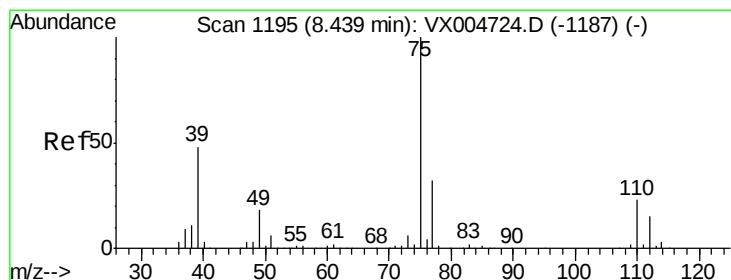
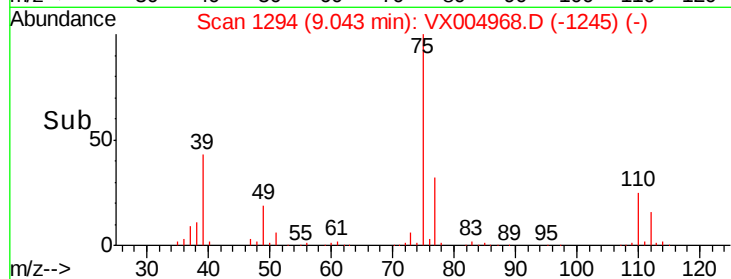
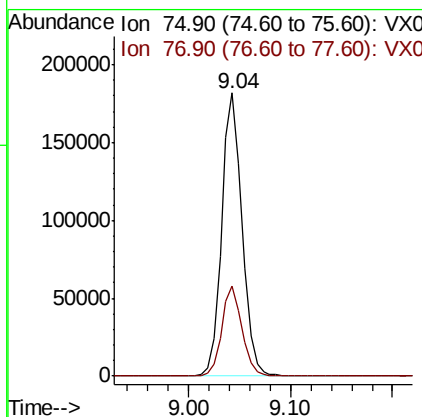
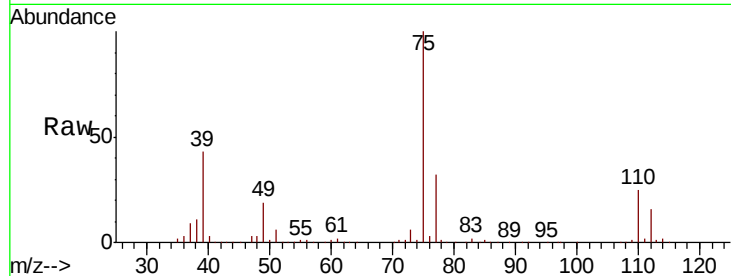
#53
t-1,3-Dichloropropene
Concen: 53.539 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
75	100	252383		
77	31.7	28.9	43.3	

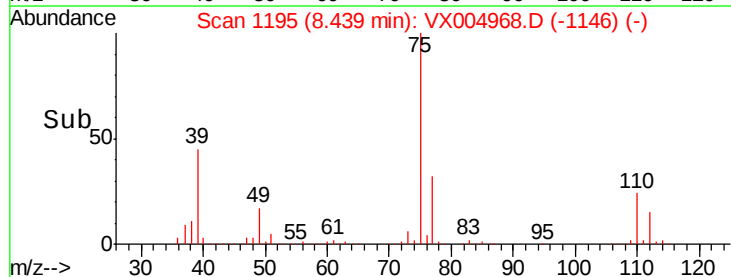
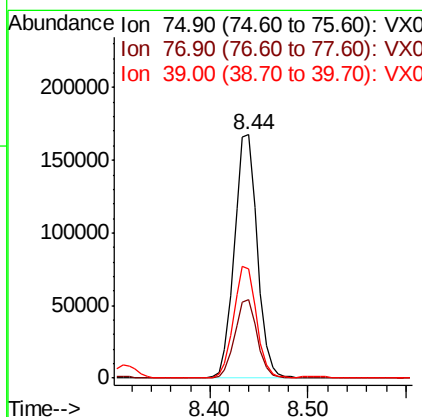
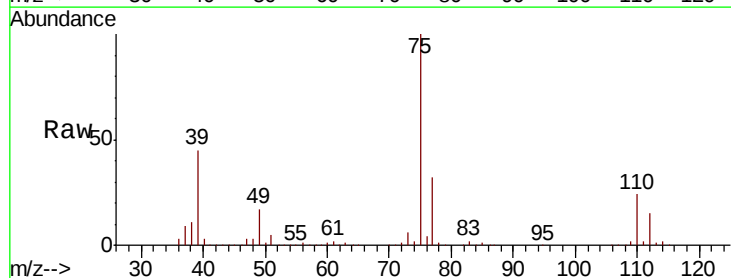
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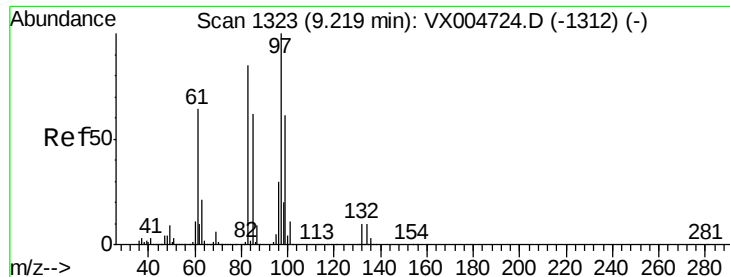
MMDadoda
10/5/2018 3:24:43 PM



#54
cis-1,3-Dichloropropene
Concen: 55.344 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	273267		
77	32.0	25.7	38.5	
39	44.7	38.3	57.5	





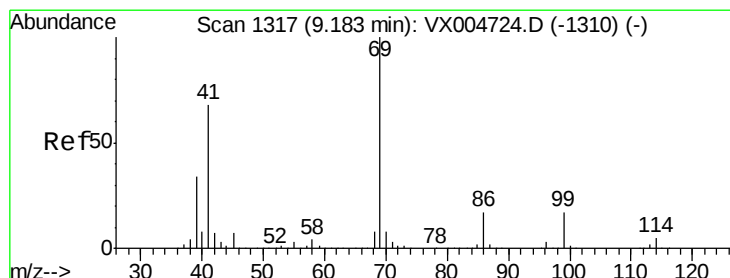
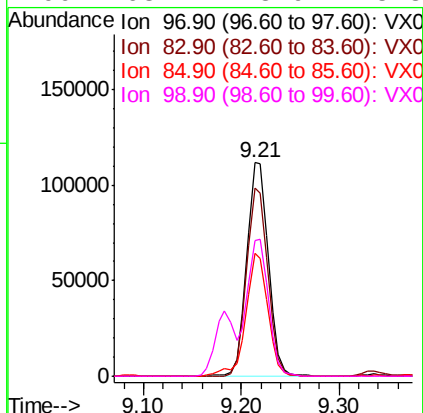
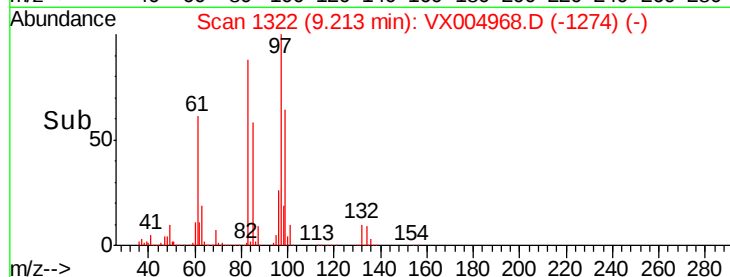
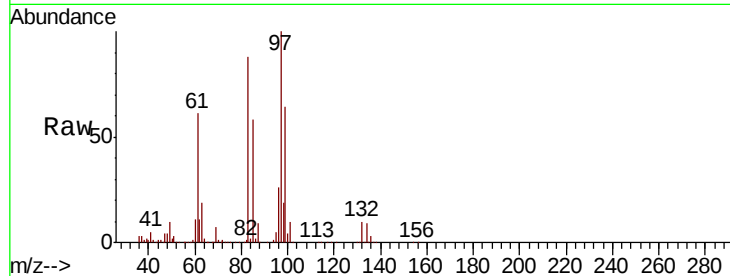
#55
 1,1,2-Trichloroethane
 Concen: 49.303 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	171559
Ion	Ratio	Lower	Upper
97	100		
83	88.1	68.2	102.2
85	57.6	49.9	74.9
99	63.7	48.9	73.3

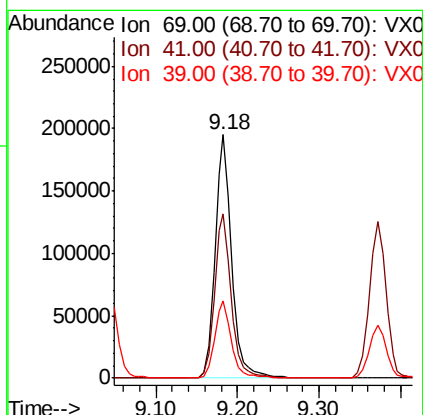
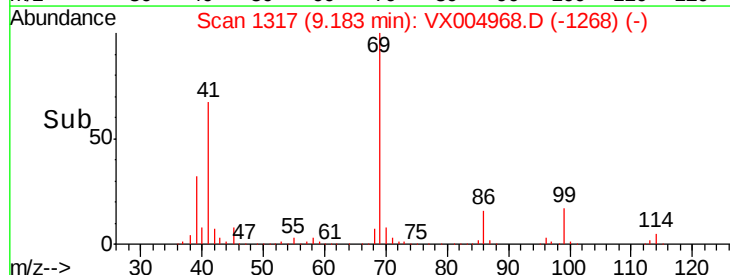
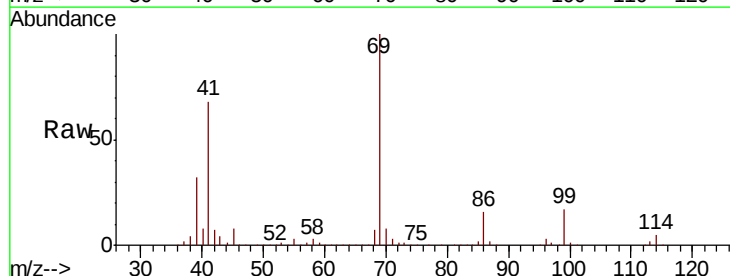
Manual Integrations
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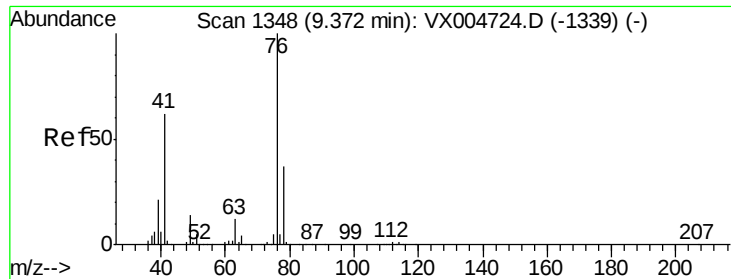
MMDadoda
 10/5/2018 3:24:43 PM



#56
 Ethyl methacrylate
 Concen: 49.718 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

Tgt Ion:	69	Resp:	280642
Ion	Ratio	Lower	Upper
69	100		
41	68.4	56.9	85.3
39	31.9	28.4	42.6





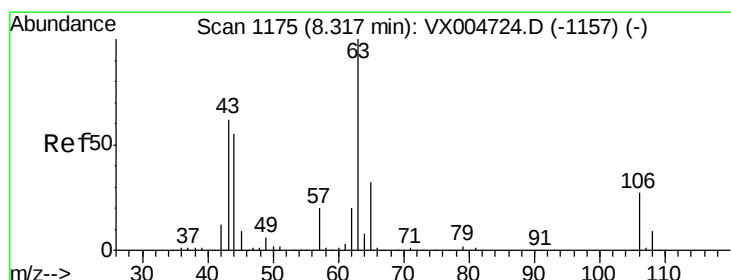
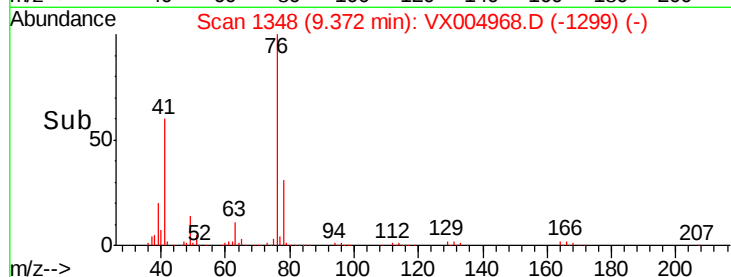
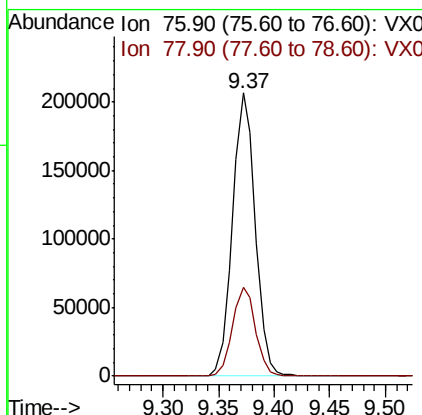
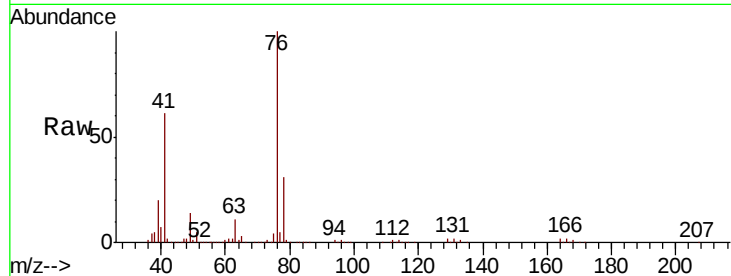
#57
 1,3-Dichloropropane
 Concen: 50.339 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.6	40.0

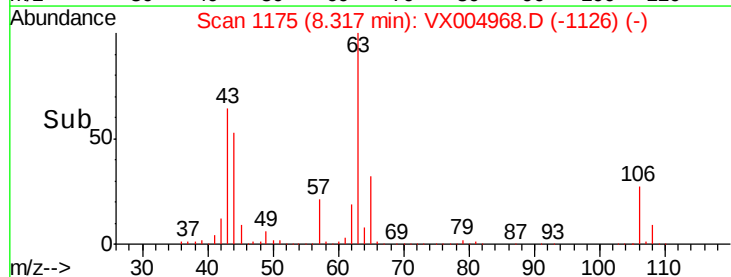
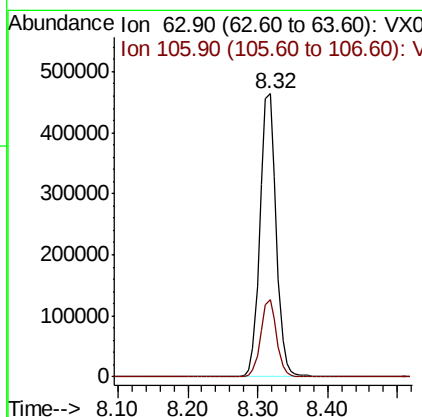
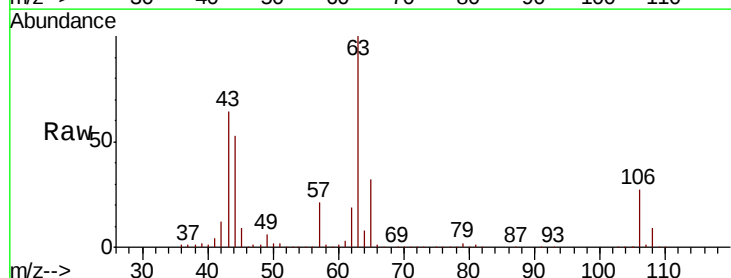
Manual Integrations
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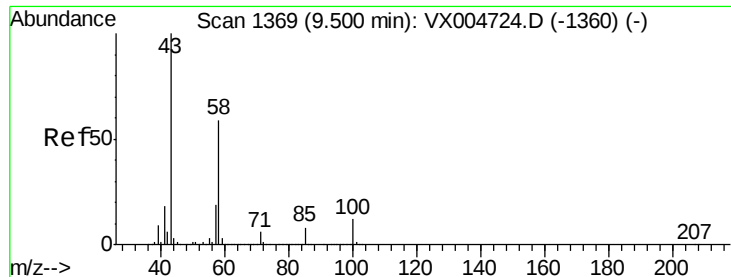
MMDadoda
 10/5/2018 3:24:43 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 249.861 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.7	21.0	31.6





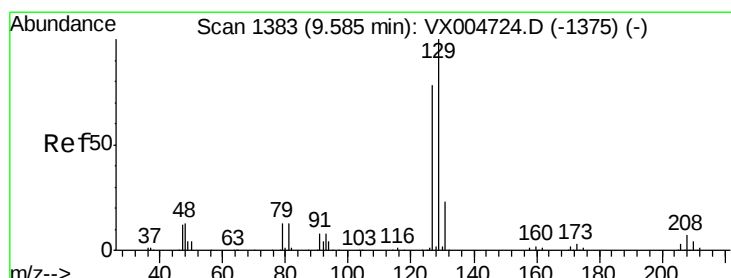
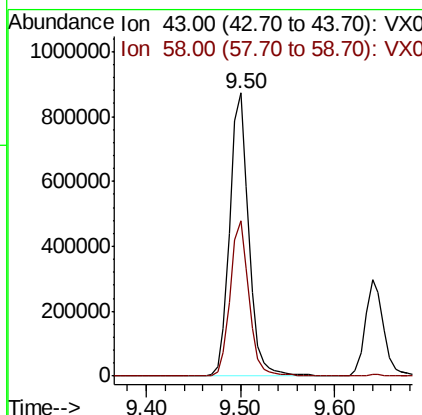
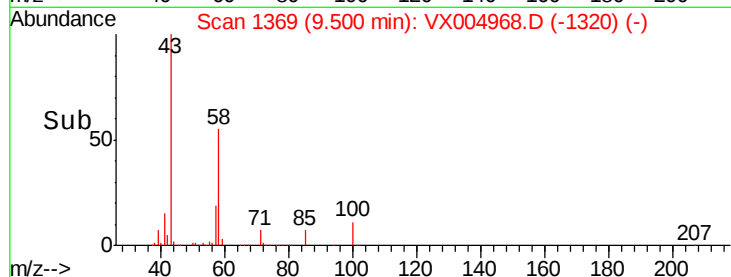
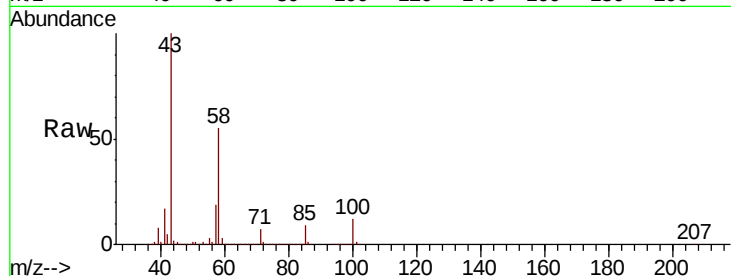
#59
2-Hexanone
Concen: 263.910 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1225109
Ion Ratio Lower Upper
43 100
58 54.5 28.4 85.3

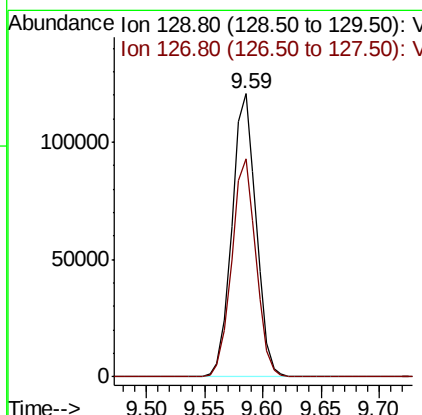
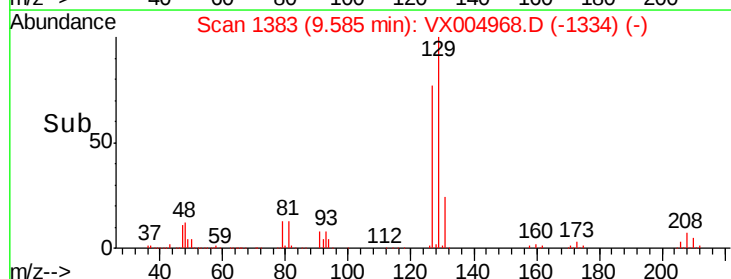
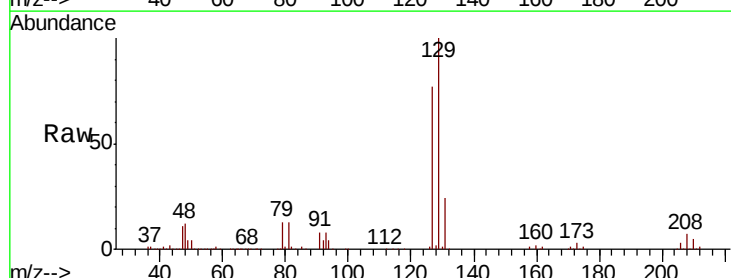
Manual Integrations
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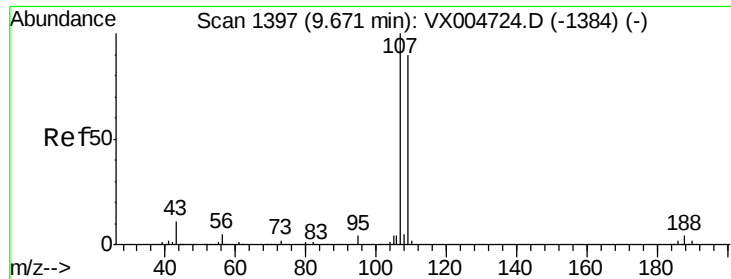
MMDadoda
10/5/2018 3:24:43 PM



#60
Dibromochloromethane
Concen: 50.153 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Tgt Ion:129 Resp: 174530
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.2





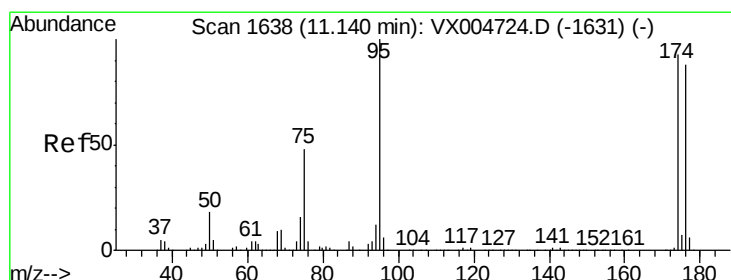
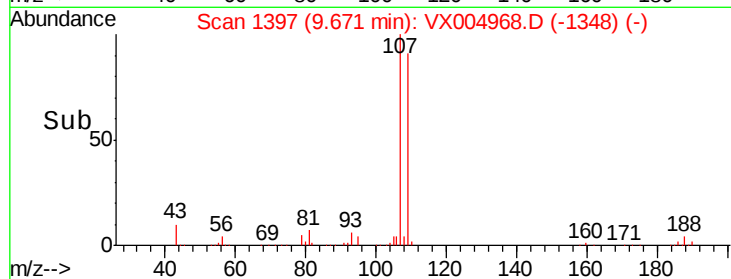
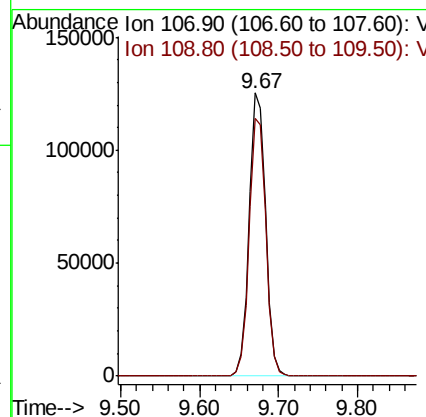
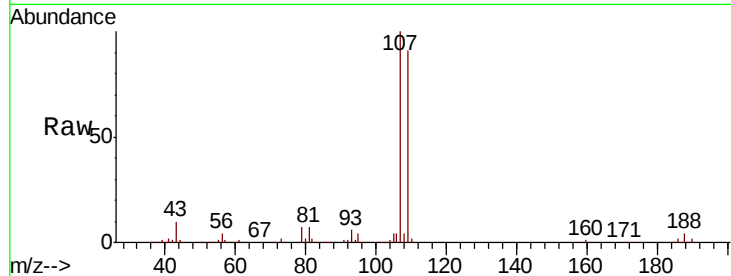
#61
 1,2-Dibromoethane
 Concen: 48.532 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	180857		
109	93.1	72.1	108.1	

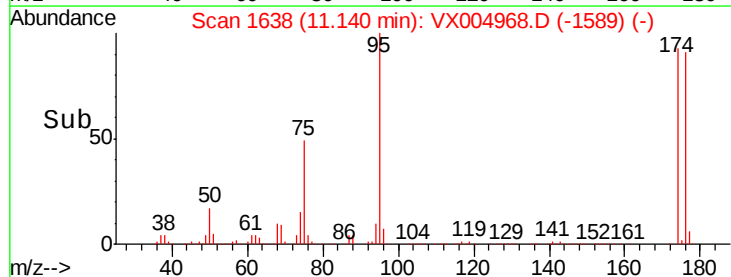
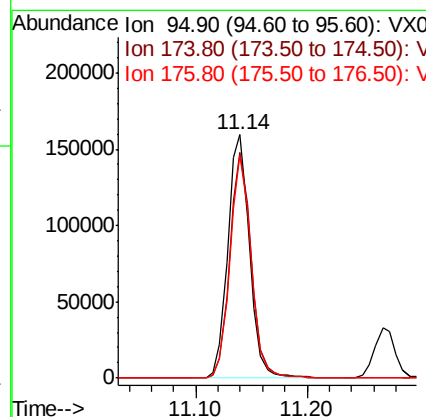
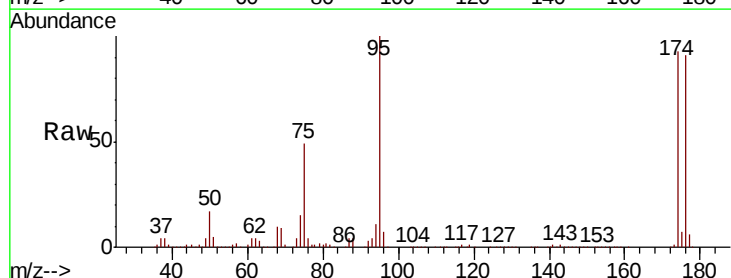
Manual Integrations
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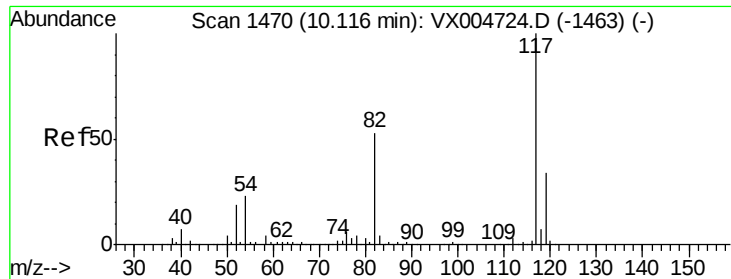
MMDadoda
 10/5/2018 3:24:43 PM



#62
 4-Bromofluorobenzene
 Concen: 53.205 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	215671		
174	91.3	0.0	185.0	
176	88.5	0.0	180.2	





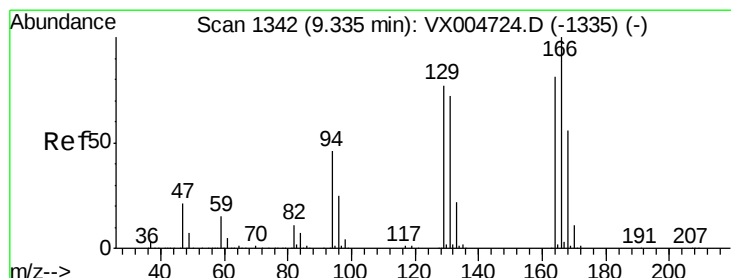
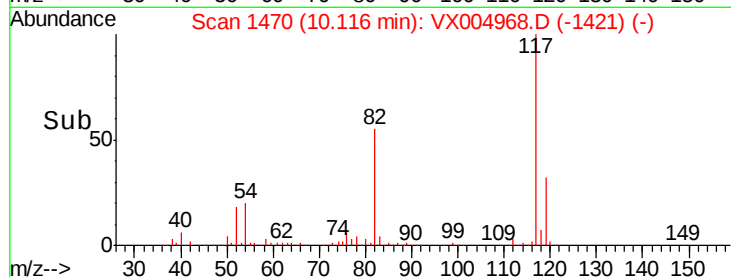
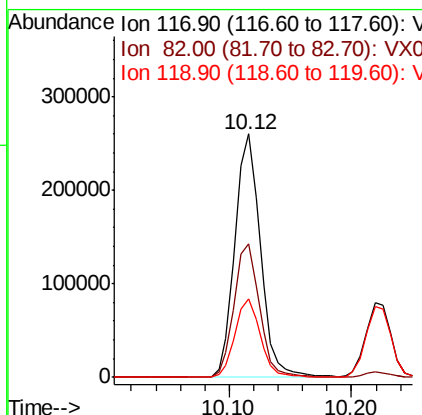
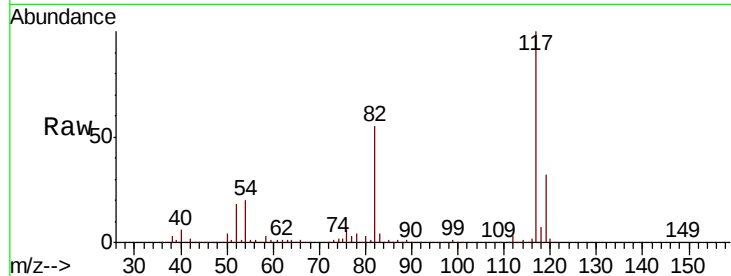
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	42.2	63.4
119	32.3	27.4	41.0

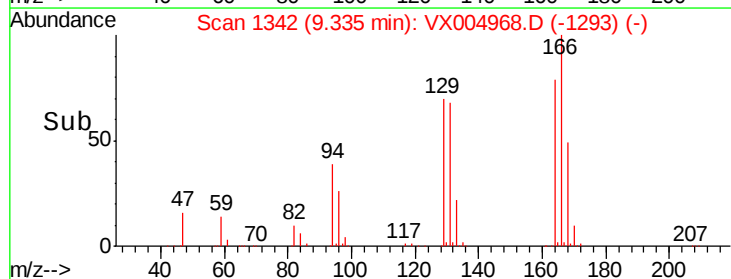
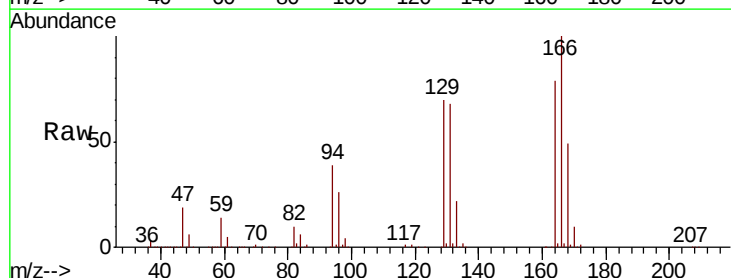
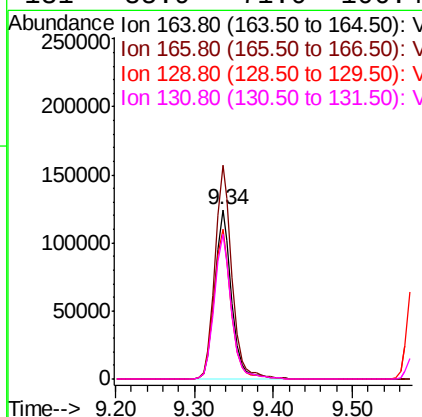
Manual Integrations
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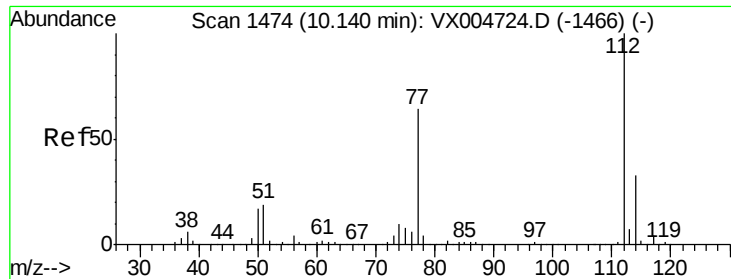
MMDadoda
10/5/2018 3:24:43 PM



#64
Tetrachloroethene
Concen: 49.857 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	98.4	147.6
129	88.5	76.1	114.1
131	85.9	71.0	106.4





#65

Chlorobenzene

Concen: 48.731 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:112 Resp: 470263

Ion Ratio Lower Upper

112 100

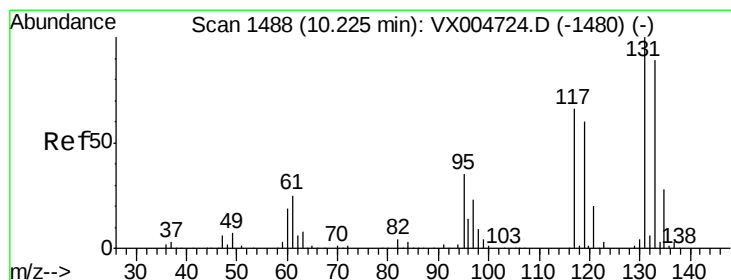
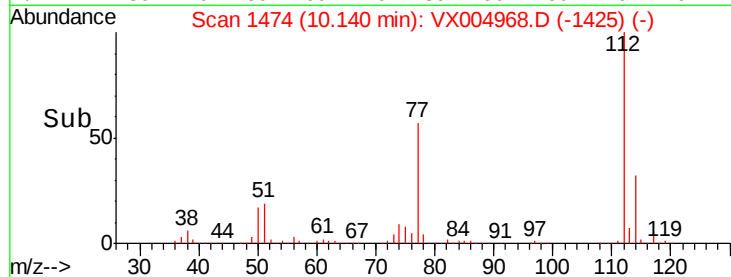
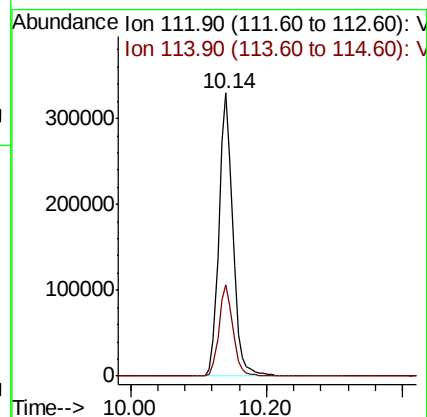
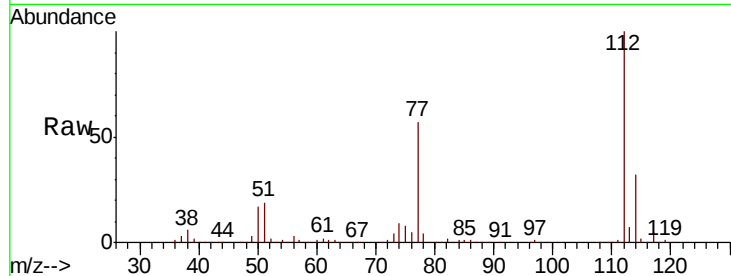
114 32.1 26.7 40.1

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 49.388 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

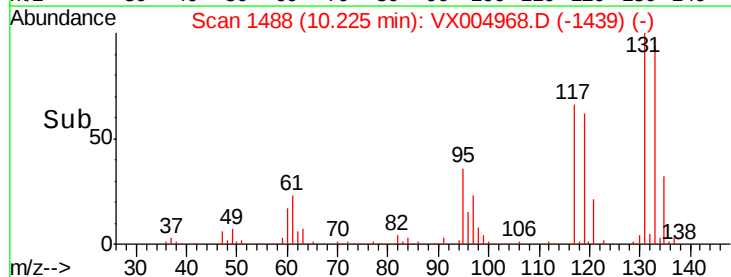
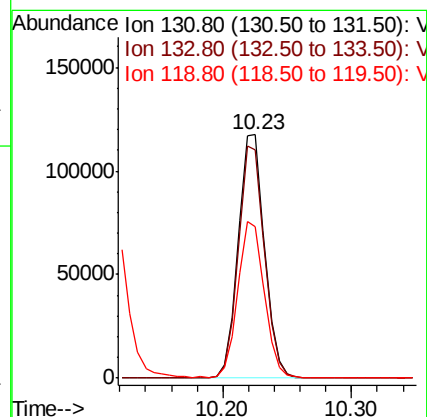
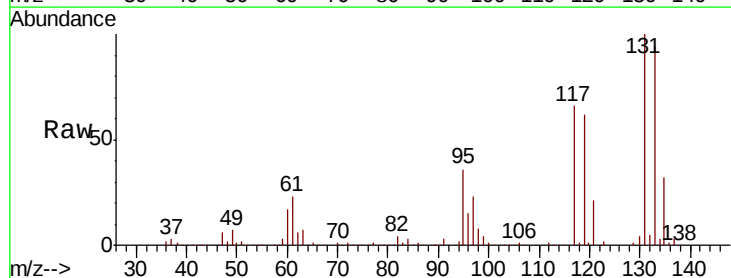
Tgt Ion:131 Resp: 167552

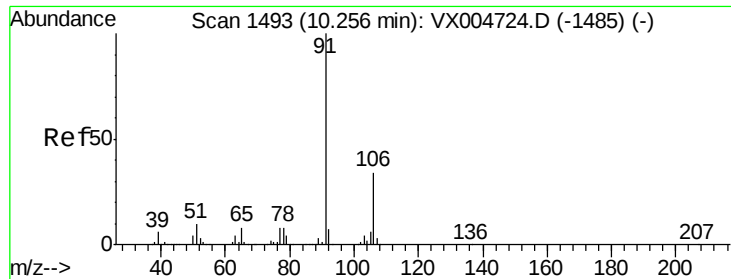
Ion Ratio Lower Upper

131 100

133 94.5 48.4 145.0

119 65.0 32.3 96.8





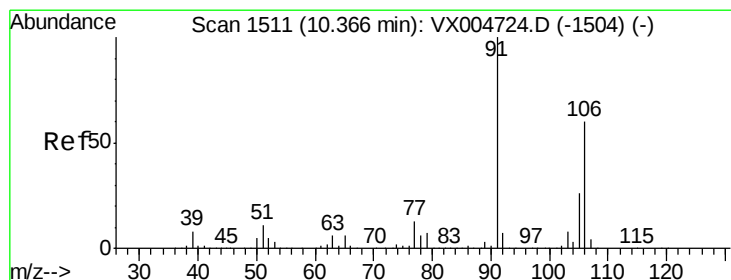
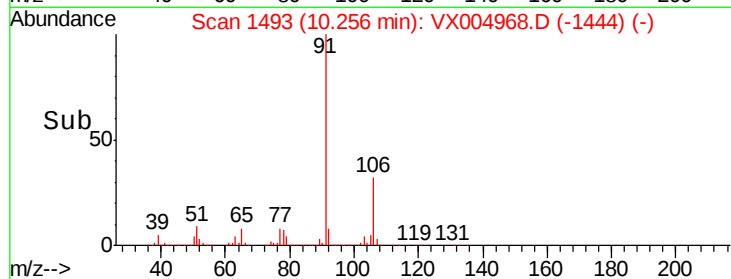
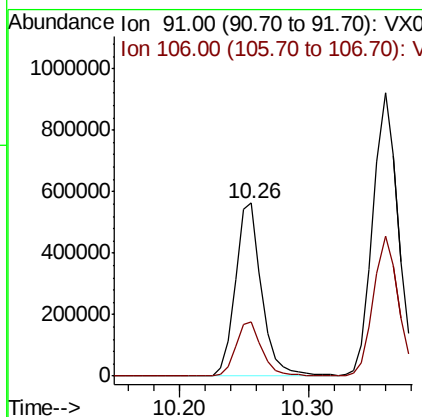
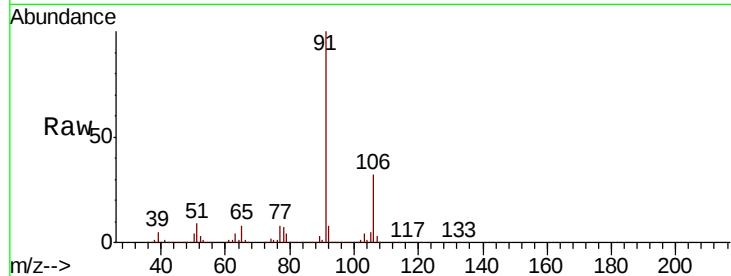
#67
Ethyl Benzene
Concen: 52.322 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 801612
Ion Ratio Lower Upper
91 100
106 31.7 26.9 40.3

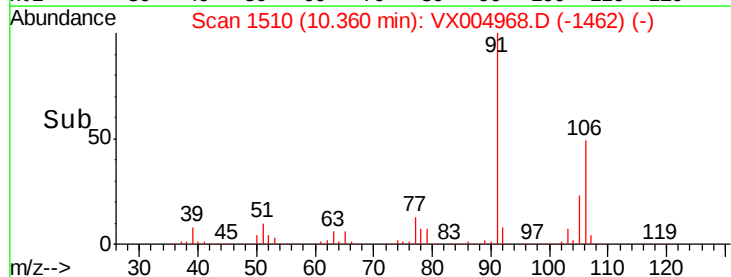
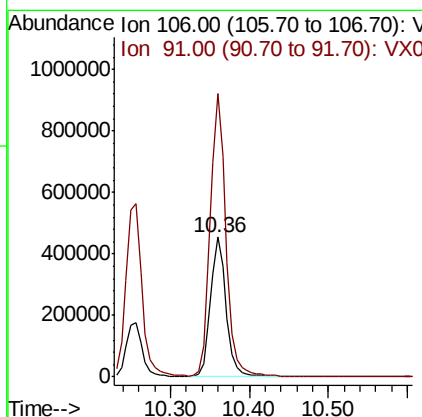
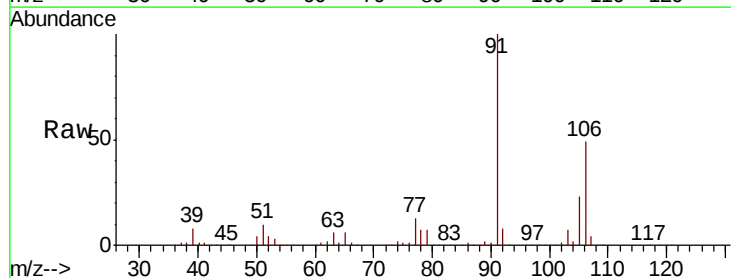
Manual Integrations
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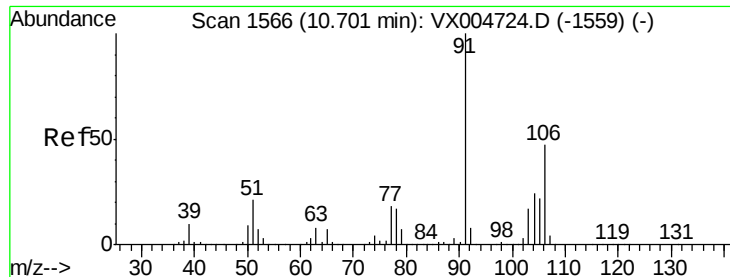
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10/5/2018 3:24:43 PM



#68
m/p-Xylenes
Concen: 104.698 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Tgt Ion: 106 Resp: 626818
Ion Ratio Lower Upper
106 100
91 203.8 157.5 236.3





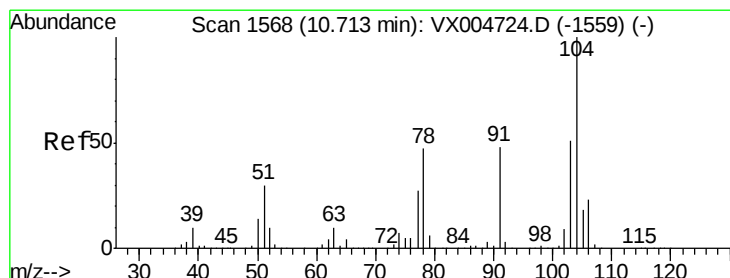
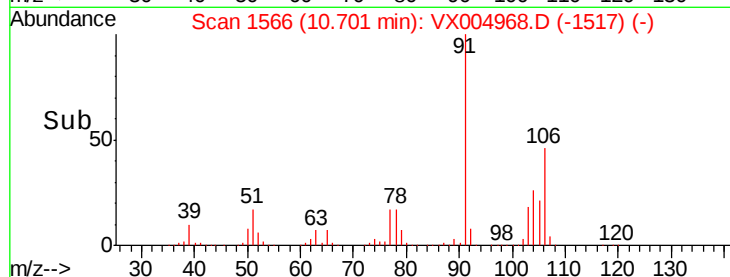
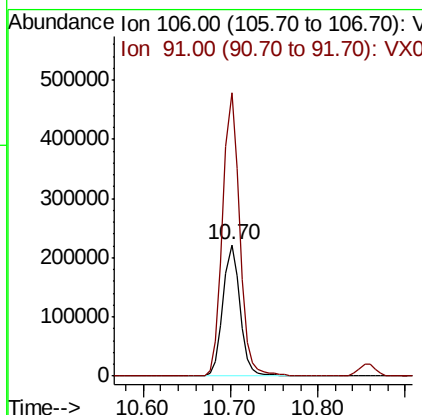
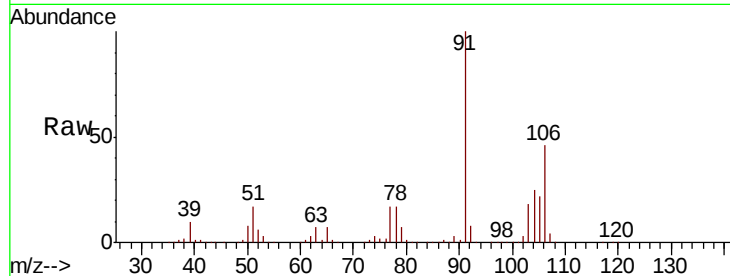
#69
o-Xylene
Concen: 54.654 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 300542
Ion Ratio Lower Upper
106 100
91 214.4 108.3 324.8

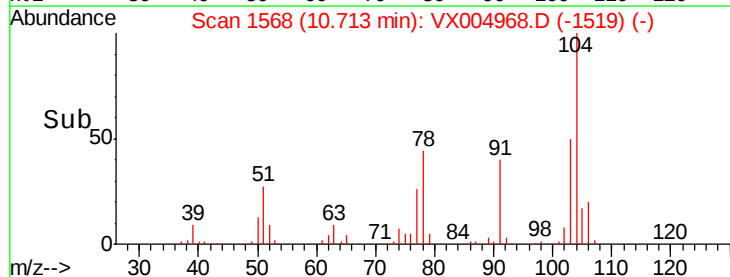
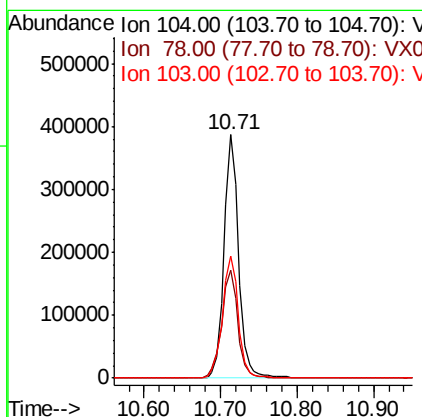
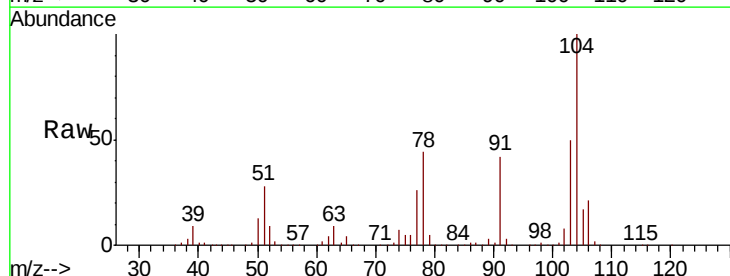
Manual Integrations
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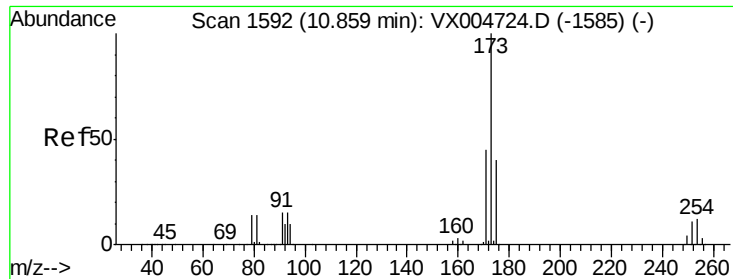
MMDadoda
10/5/2018 3:24:43 PM



#70
Styrene
Concen: 49.526 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Tgt Ion:104 Resp: 509145
Ion Ratio Lower Upper
104 100
78 49.5 40.0 60.0
103 55.5 44.3 66.5





#71

Bromoform

Concen: 49.061 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

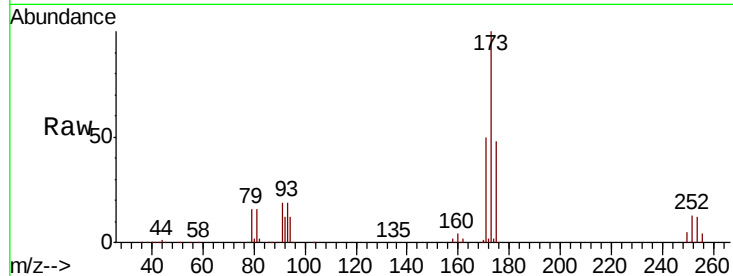
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	142496
Ion Ratio	Lower	Upper	
173	100		
175	49.2	23.3	69.8
254	0.2	0.2	0.2

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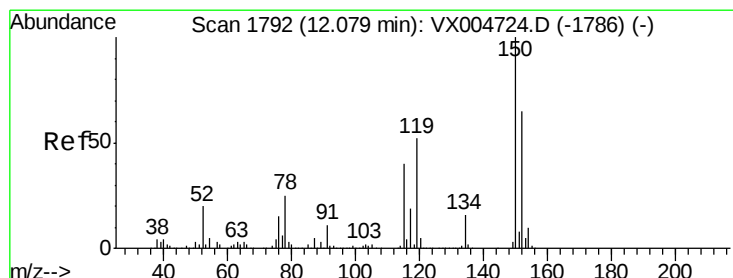
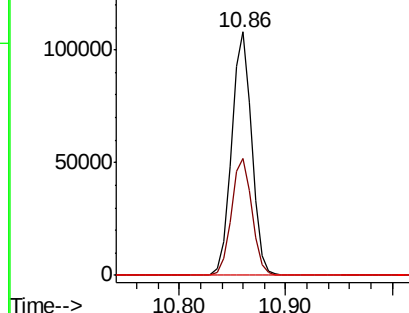
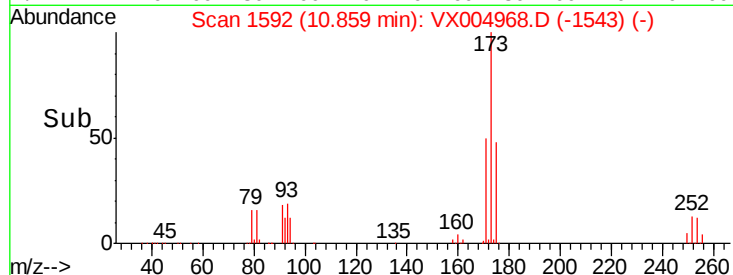


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

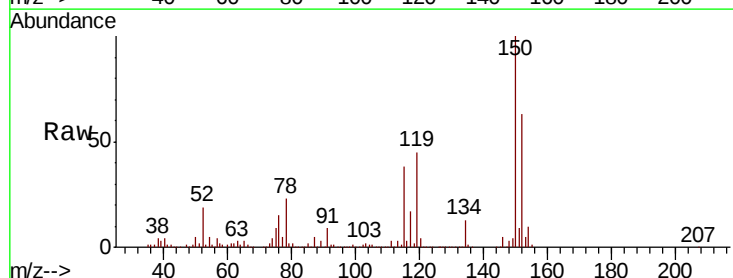
RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Tgt Ion:	152	Resp:	233411
Ion Ratio	Lower	Upper	
152	100		
115	79.1	40.2	120.6
150	174.4	0.0	351.0

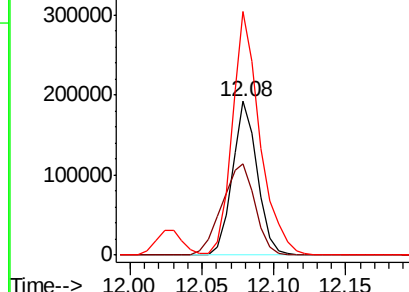
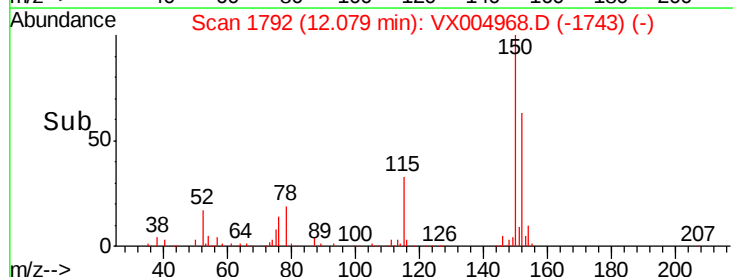


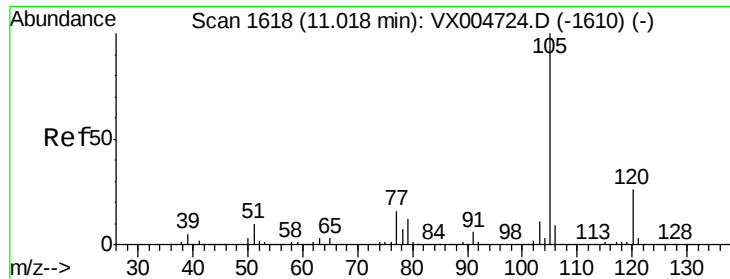
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.469 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 816069

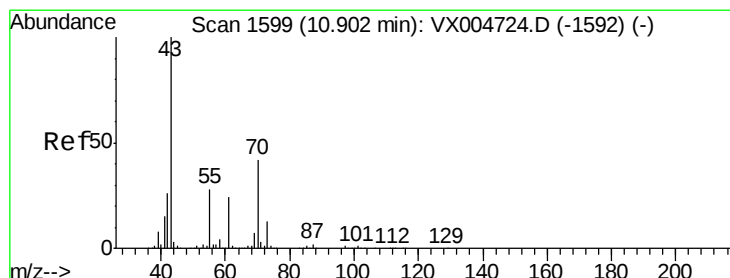
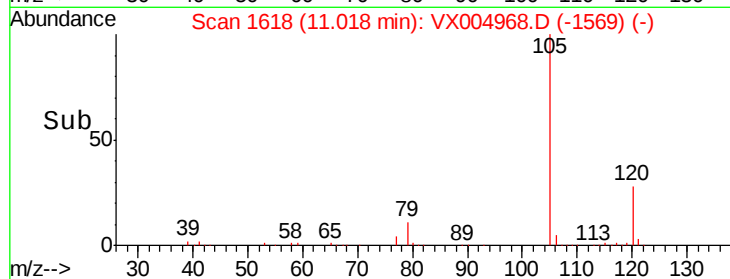
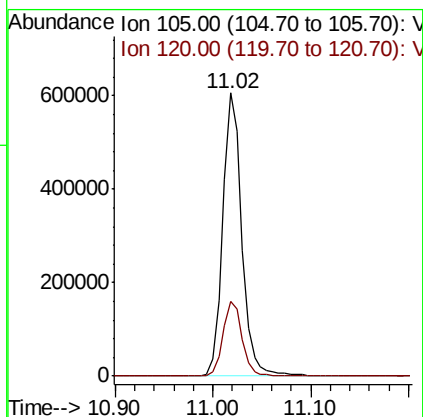
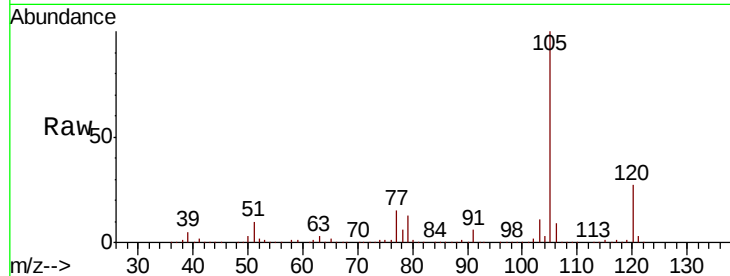
Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.5

Manual Integrations
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#74

N-ethyl acetate

Concen: 48.065 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Tgt Ion: 43 Resp: 388111

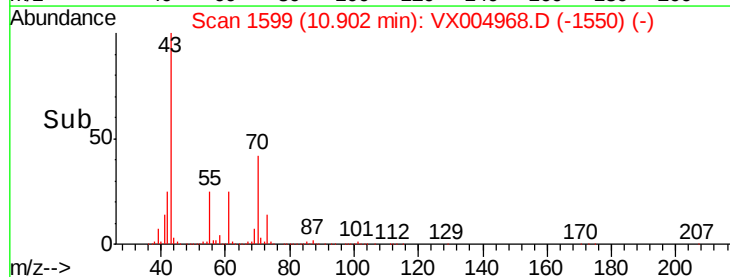
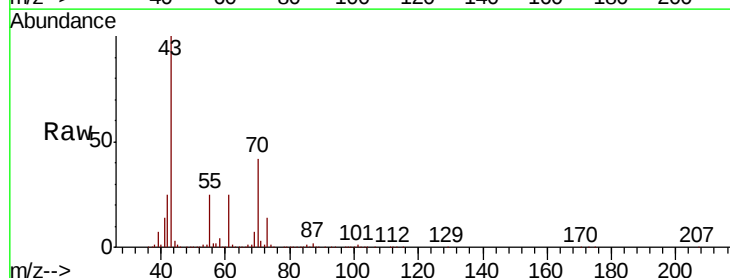
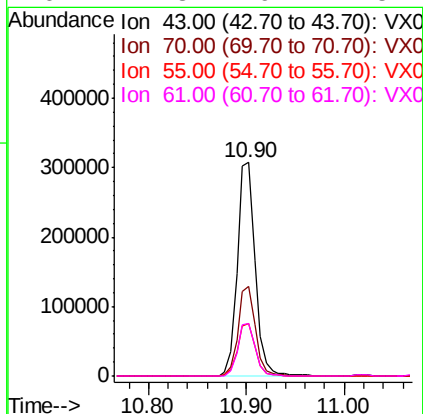
Ion Ratio Lower Upper

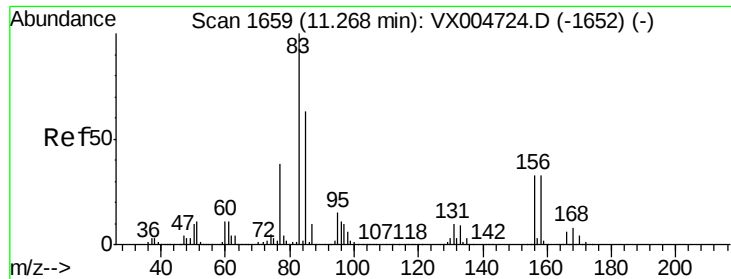
43 100

70 41.2 32.6 48.8

55 24.5 21.6 32.4

61 24.3 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 47.419 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 283985

Ion Ratio Lower Upper

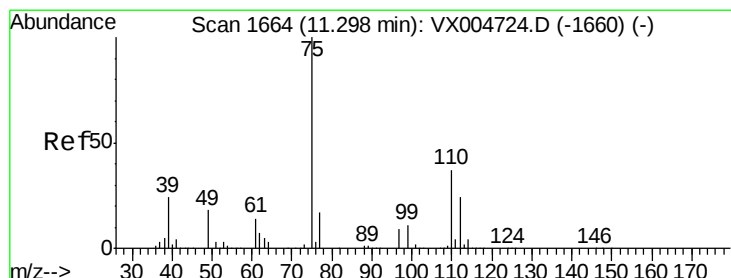
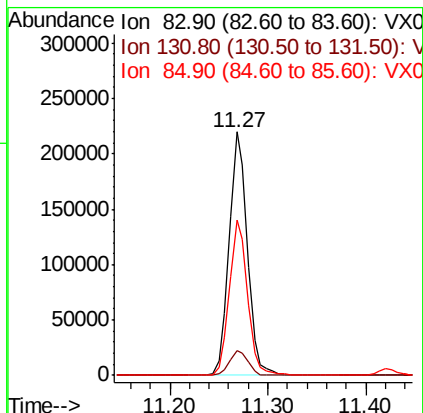
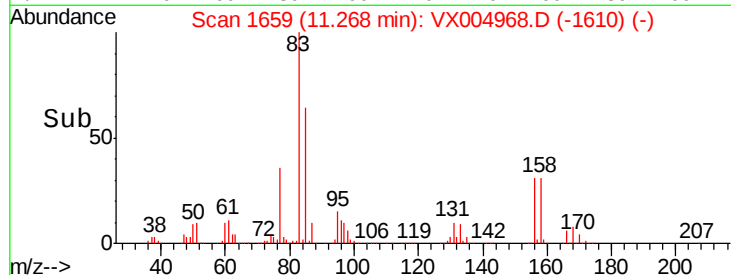
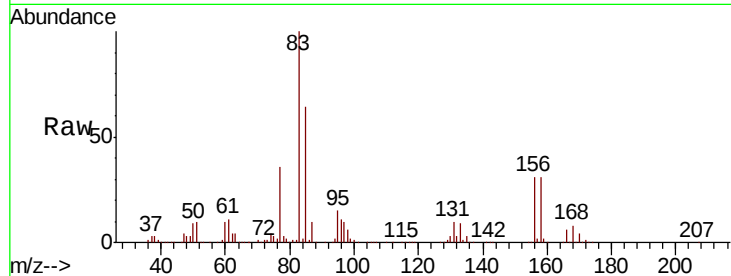
83 100

131 10.4 5.1 15.3

85 63.9 31.9 95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.986 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX004968.D

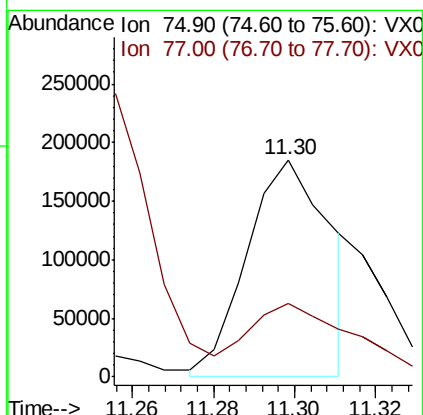
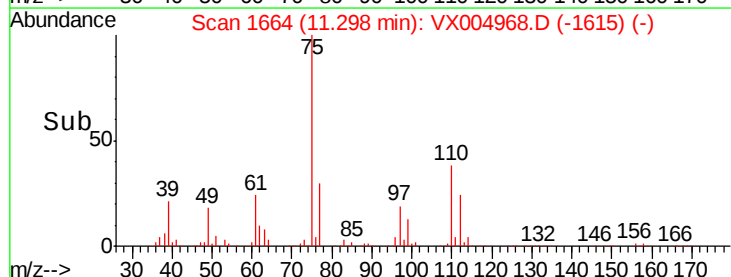
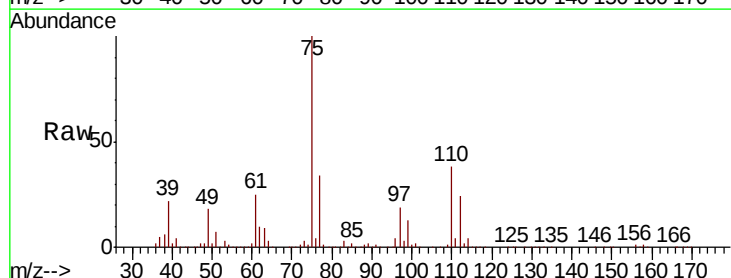
Acq: 03 Oct 2018 14:46

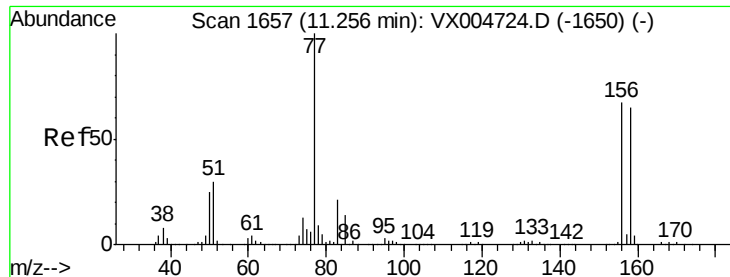
Tgt Ion: 75 Resp: 261504

Ion Ratio Lower Upper

75 100

77 42.9 21.4 64.3





#77

Bromobenzene

Concen: 50.427 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 215489

Ion Ratio Lower Upper

156 100

77 147.0 73.4 220.2

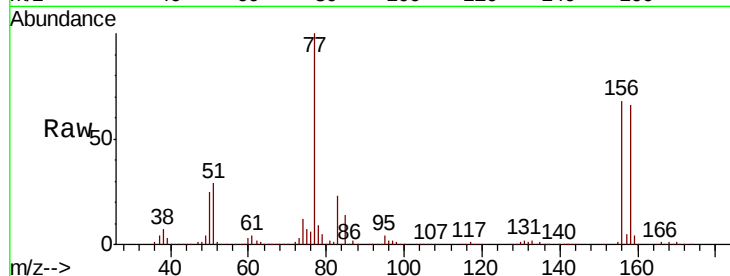
158 98.0 49.1 147.4

Manual Integrations

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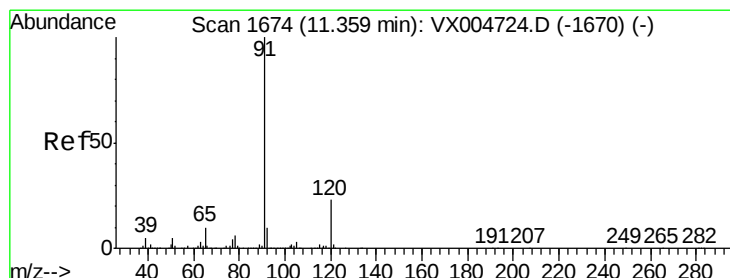
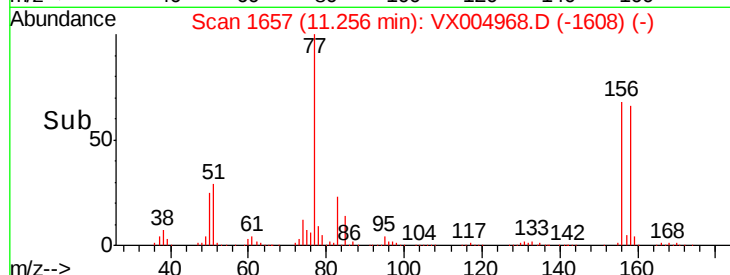
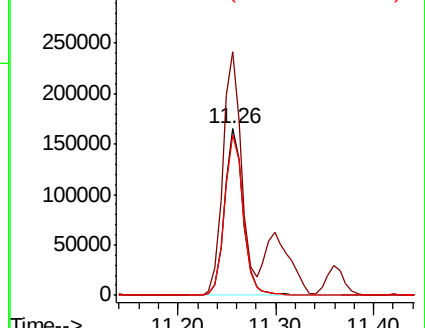
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.930 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004968.D

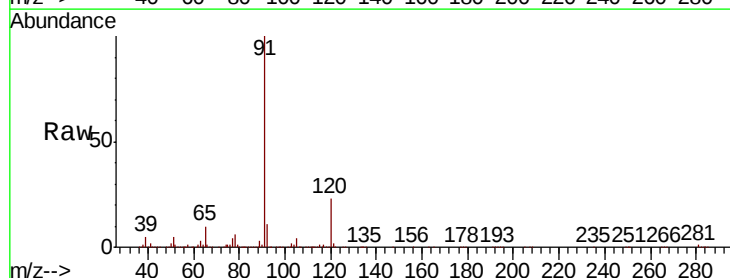
Acq: 03 Oct 2018 14:46

Tgt Ion: 91 Resp: 944135

Ion Ratio Lower Upper

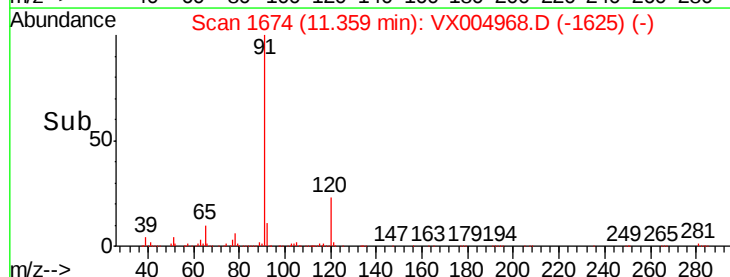
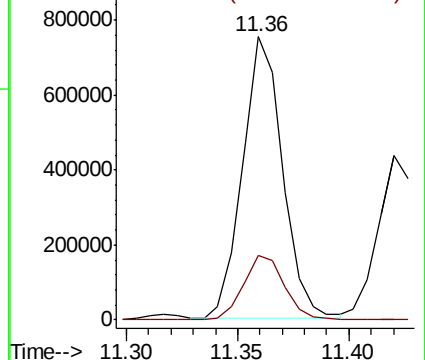
91 100

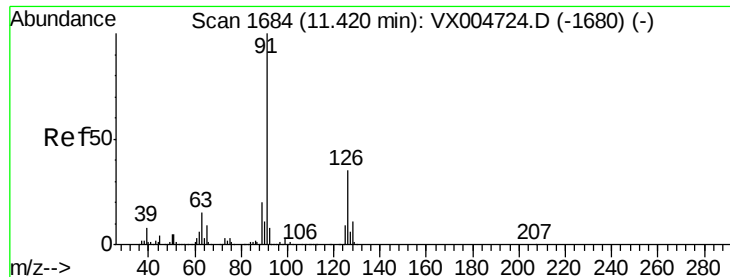
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.283 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 560643

Ion Ratio Lower Upper

91 100

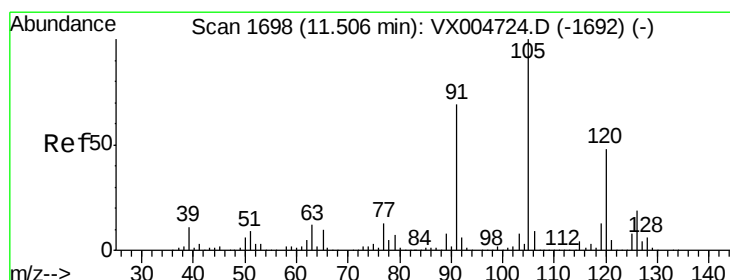
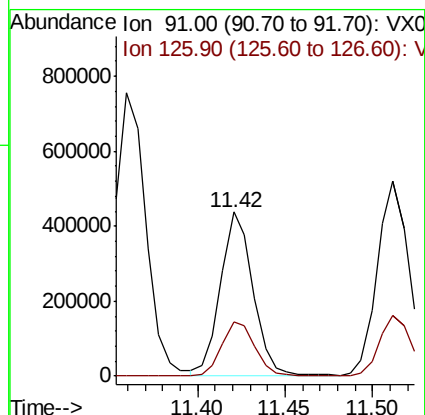
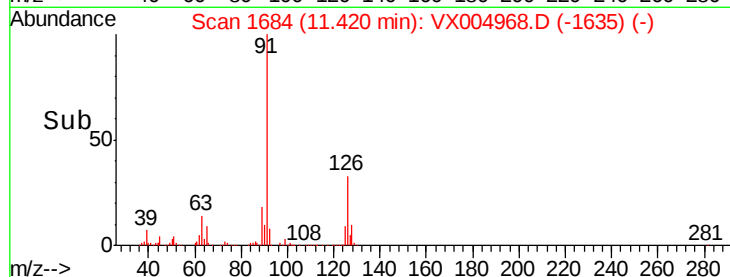
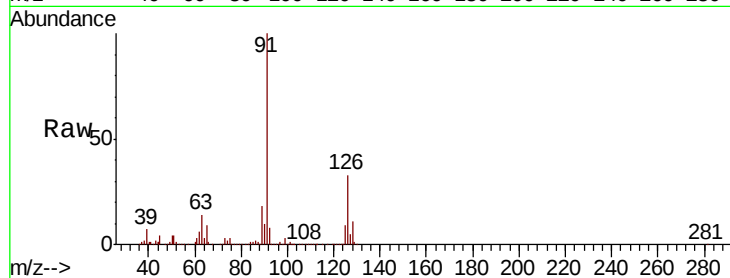
126 34.9 17.6 52.9

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 51.796 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004968.D

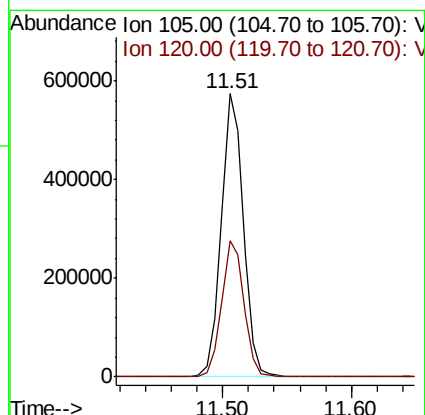
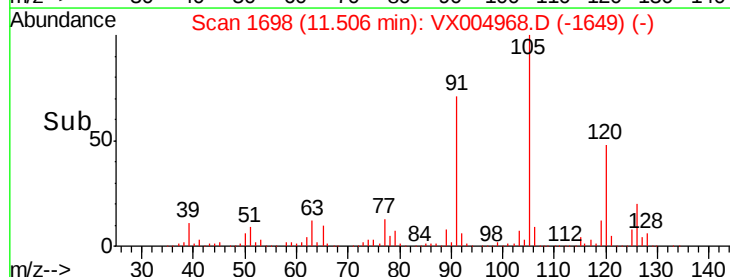
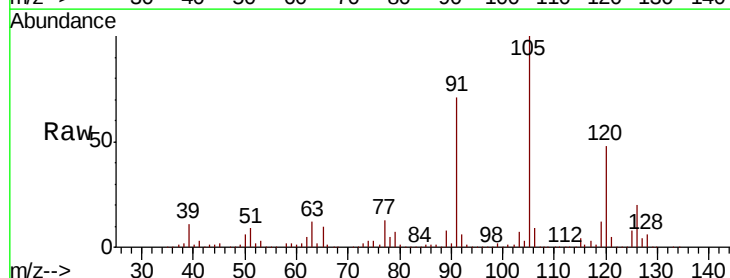
Acq: 03 Oct 2018 14:46

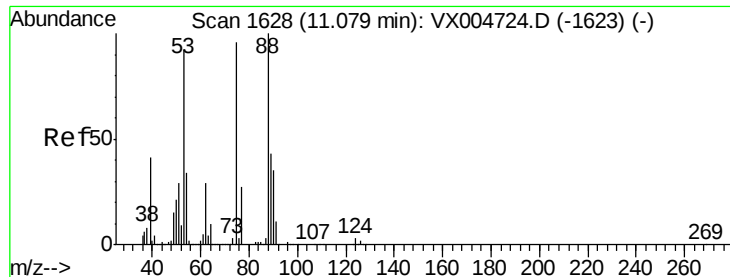
Tgt Ion: 105 Resp: 698338

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 45.116 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

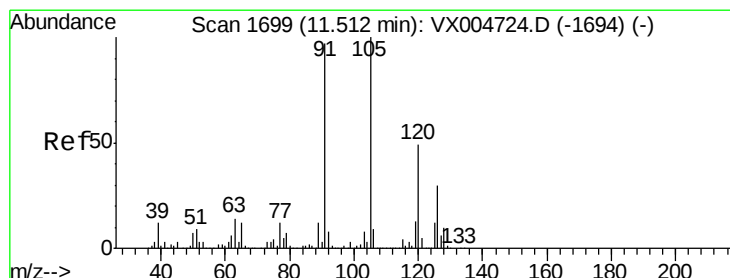
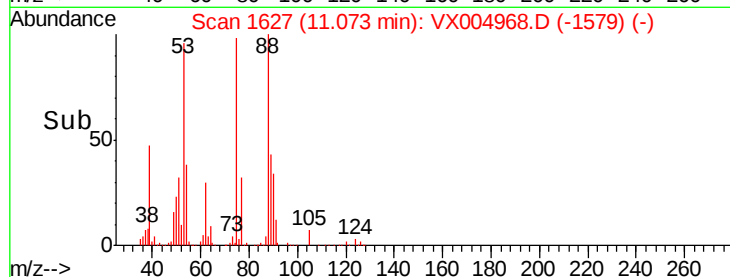
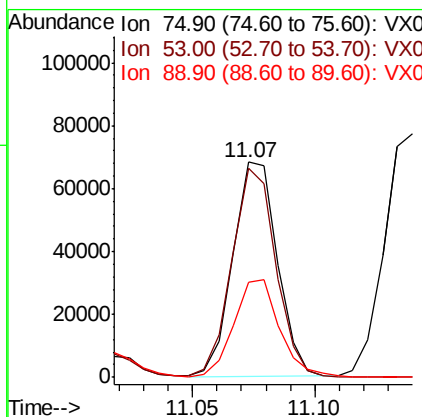
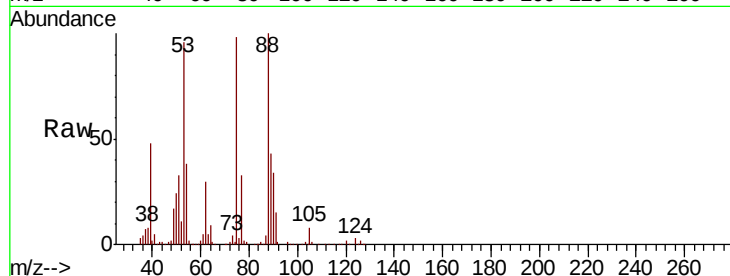
ClientSampled :

VSTDCCC050

Tot Ion:	75	Resp:	86152
Ion	Ratio	Lower	Upper
75	100		
53	97.2	80.2	120.4
89	47.3	37.1	55.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 53.693 ug/l

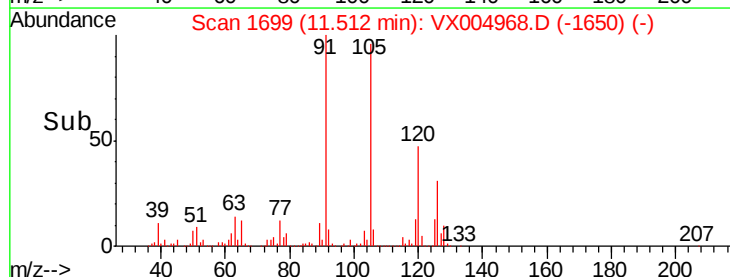
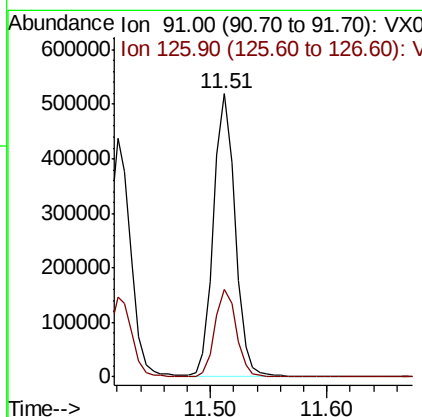
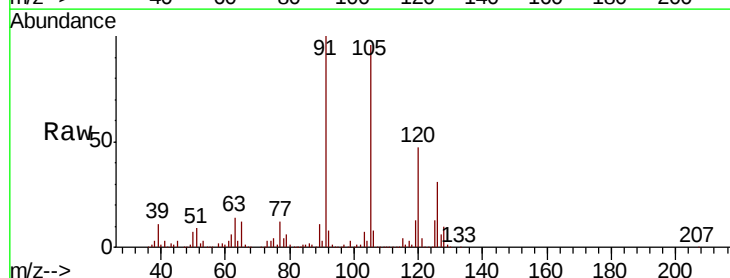
RT: 11.51 min Scan# 1699

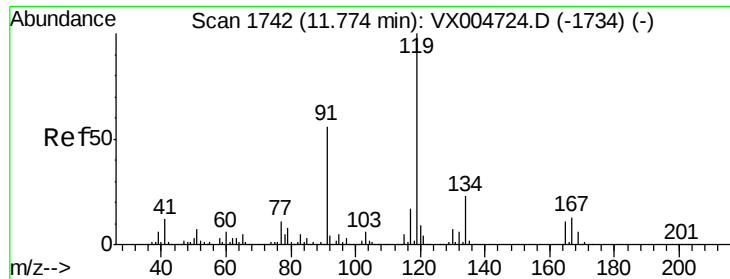
Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Tgt Ion:	91	Resp:	664972
Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.5	46.5





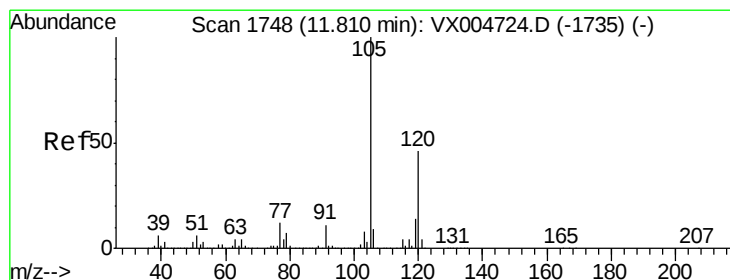
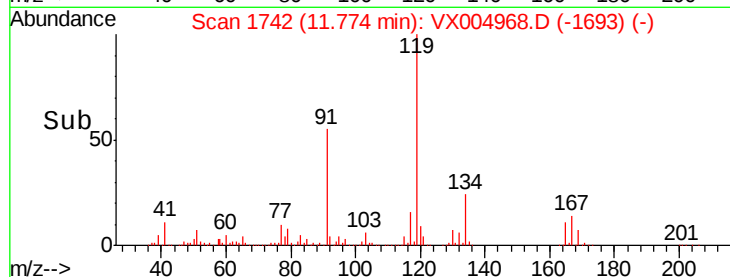
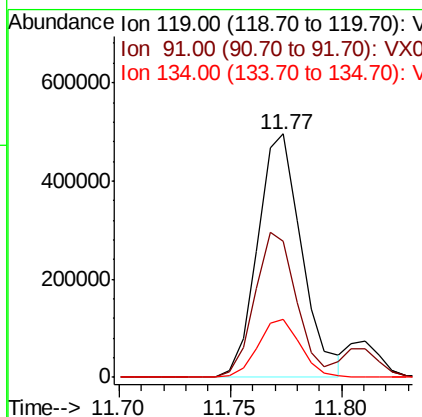
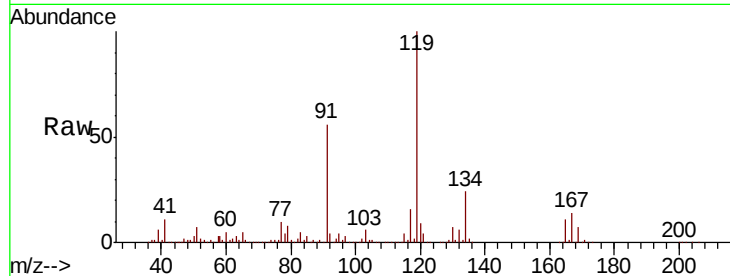
#83
tert-Butylbenzene
Concen: 56.485 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.0	27.5	82.5
134	23.0	11.5	34.4

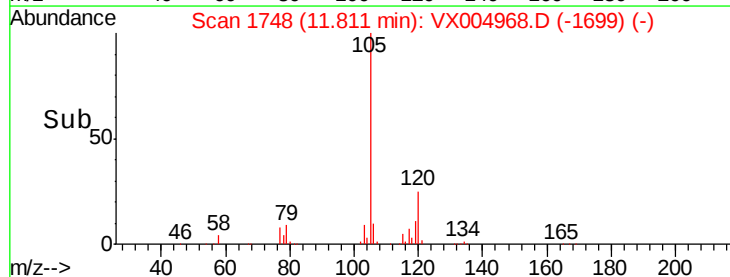
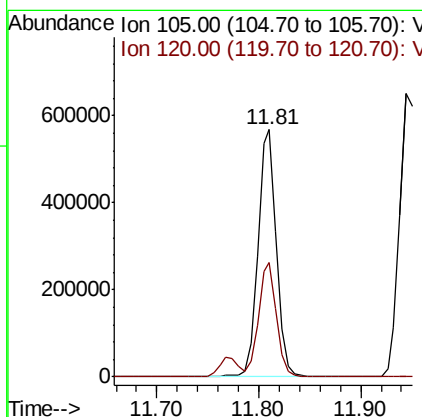
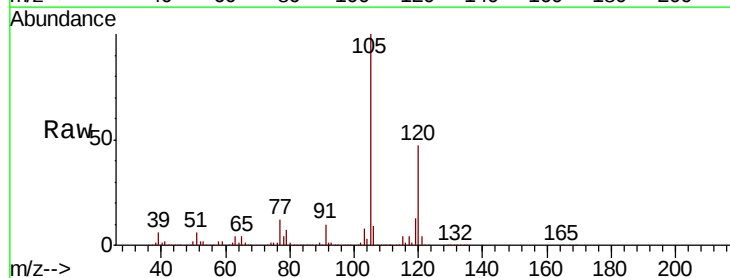
Manual Integrations
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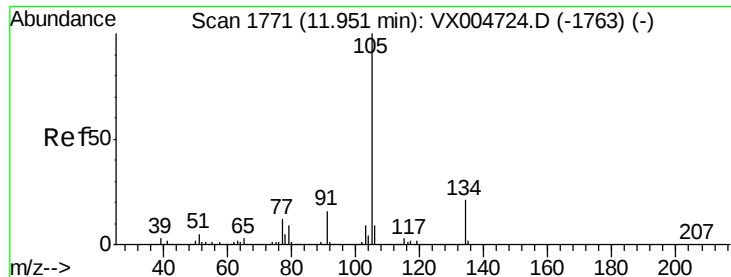
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 51.690 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.8	68.3





#85

sec-Butylbenzene

Concen: 56.608 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 835194

Ion Ratio Lower Upper

105 100

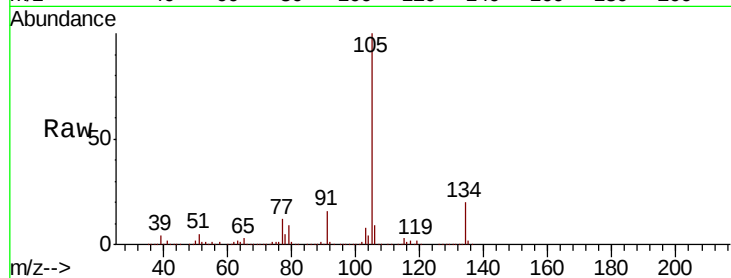
134 20.3 10.2 30.4

Manual Integrations

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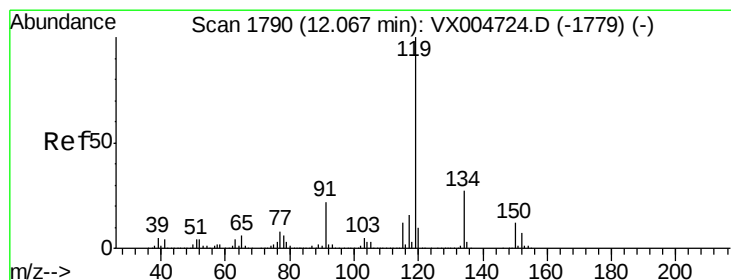
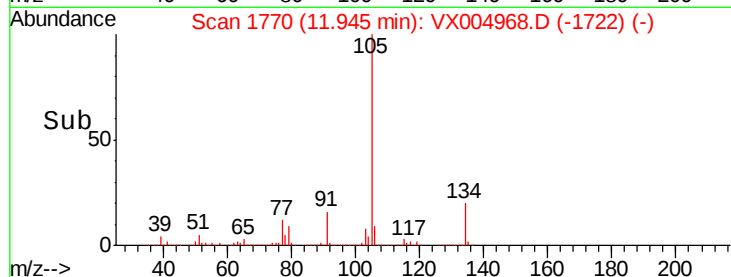
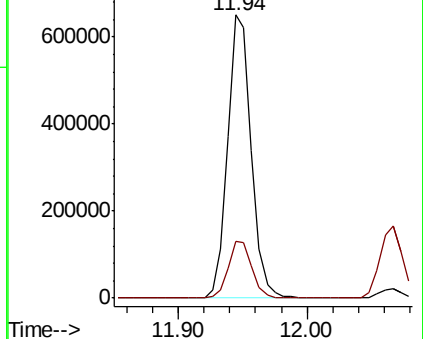
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.855 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004968.D

Acq: 03 Oct 2018 14:46

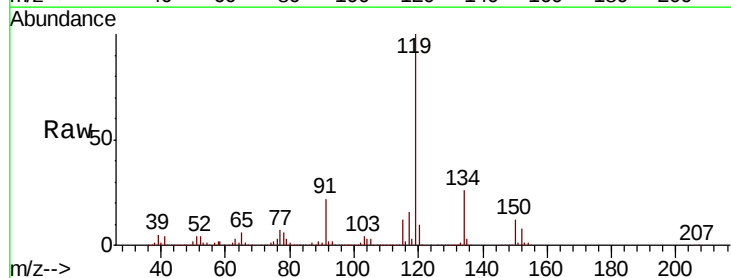
Tgt Ion:119 Resp: 759991

Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

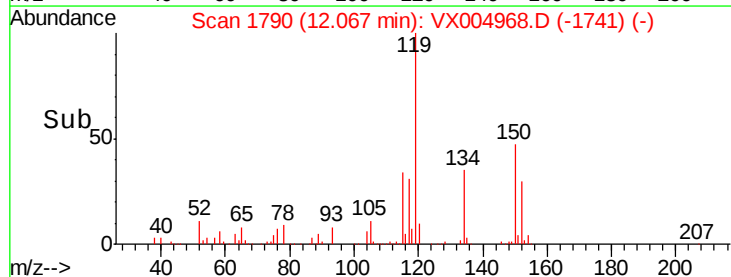
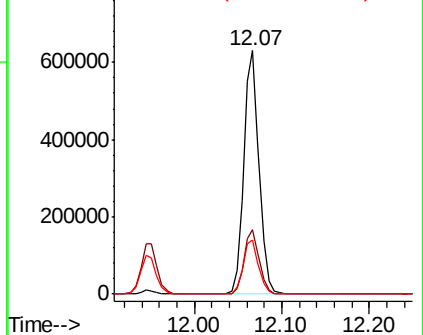
91 22.5 11.5 34.4

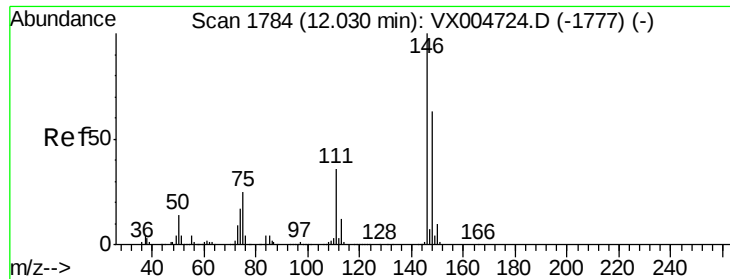


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





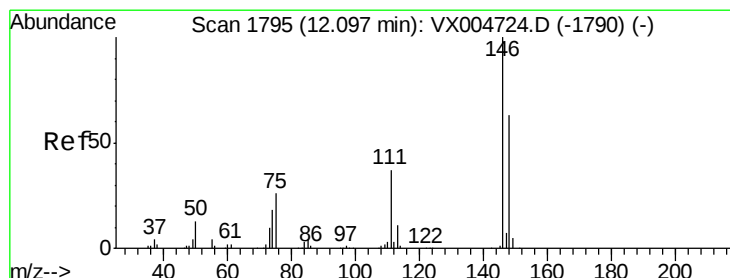
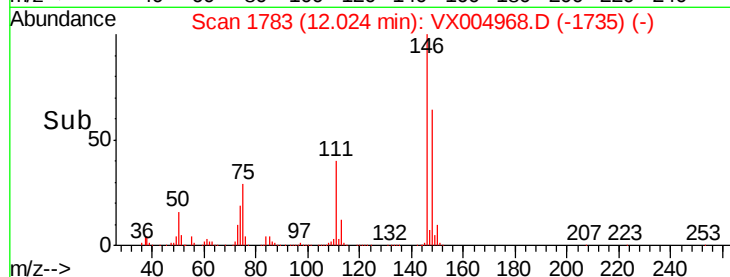
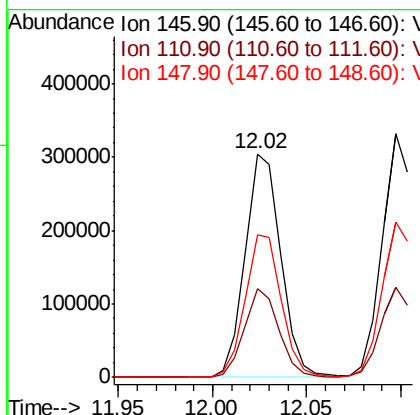
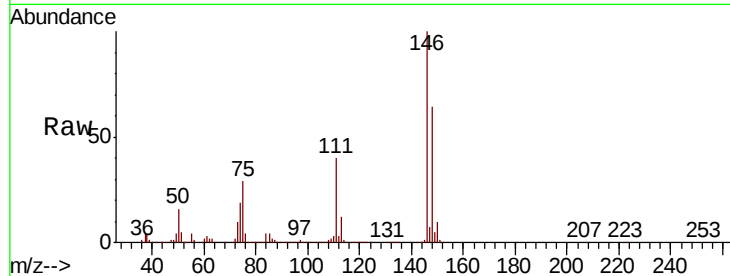
#87
 1,3-Dichlorobenzene
 Concen: 50.336 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.9
148	64.3	31.8	95.3

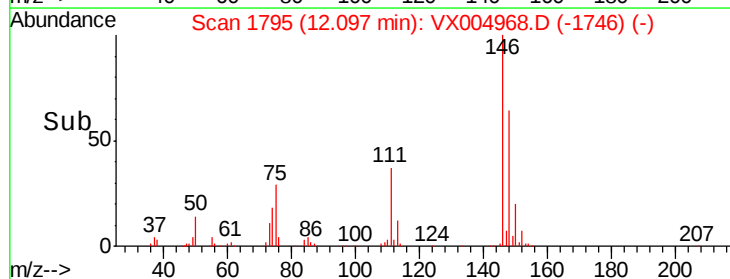
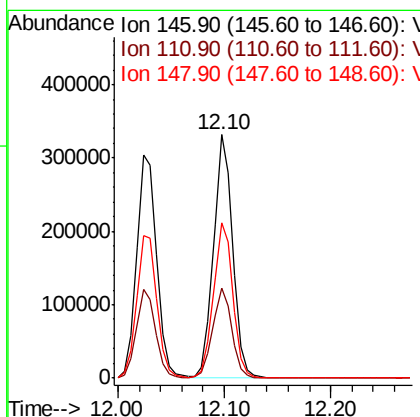
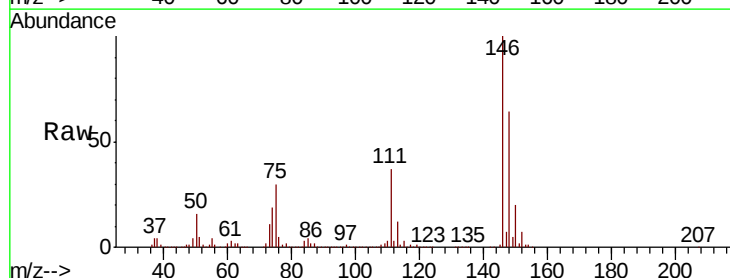
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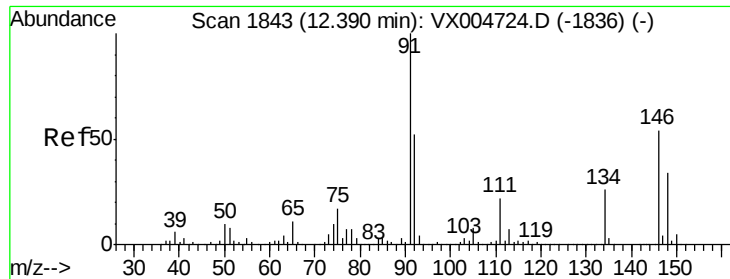
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#88
 1,4-Dichlorobenzene
 Concen: 49.709 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.4	55.2
148	64.6	32.0	96.0





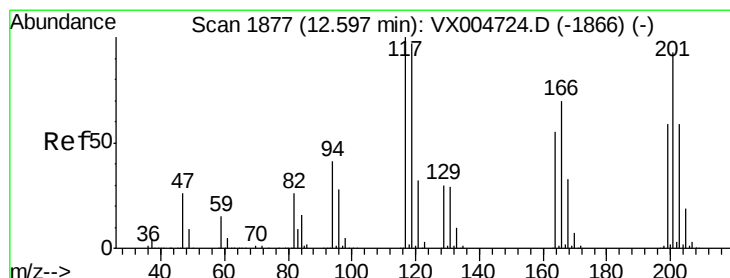
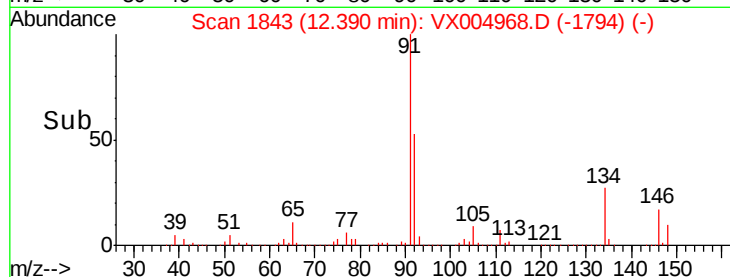
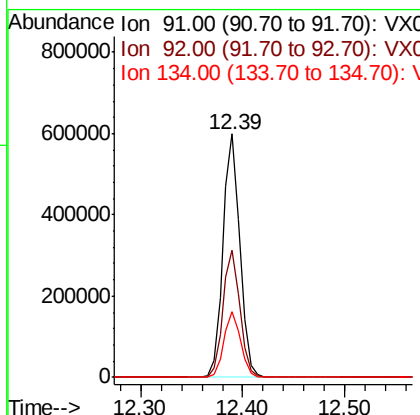
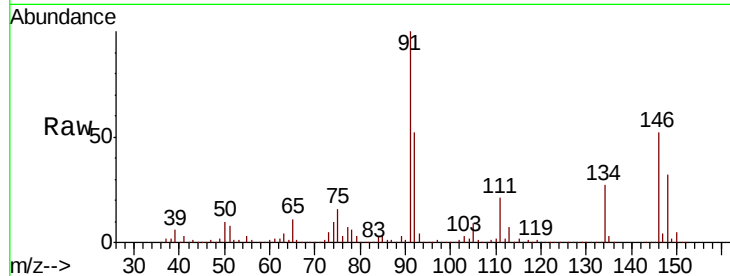
#89
n-Butylbenzene
Concen: 56.947 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.0	78.0
134	26.6	13.2	39.6

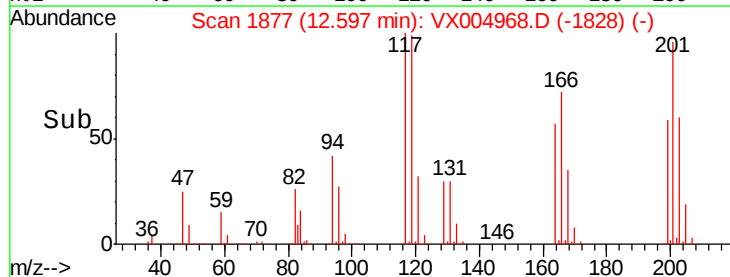
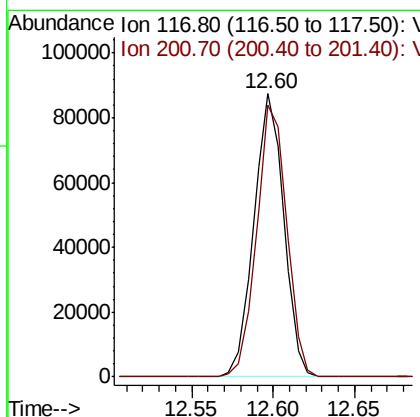
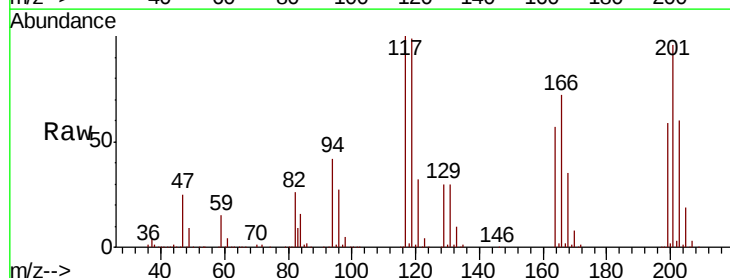
Manual Integrations
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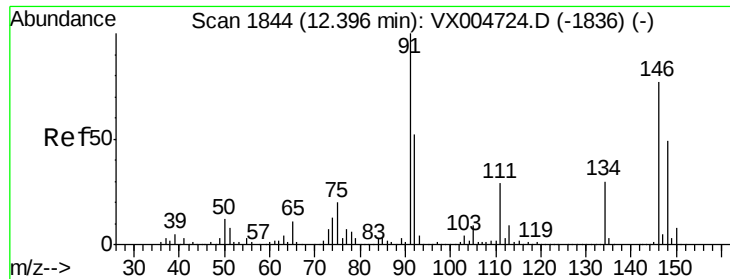
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10/5/2018 3:24:43 PM



#90
Hexachloroethane
Concen: 50.169 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.7	48.4	145.0





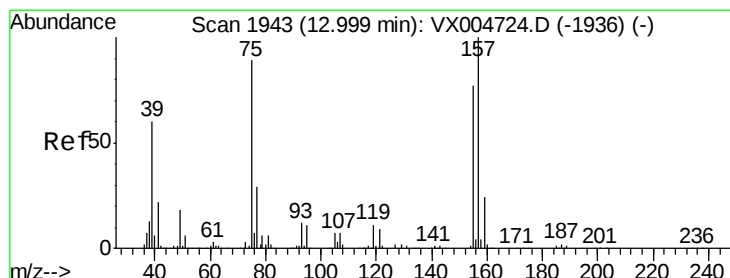
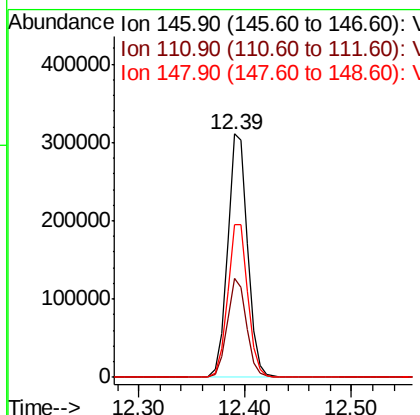
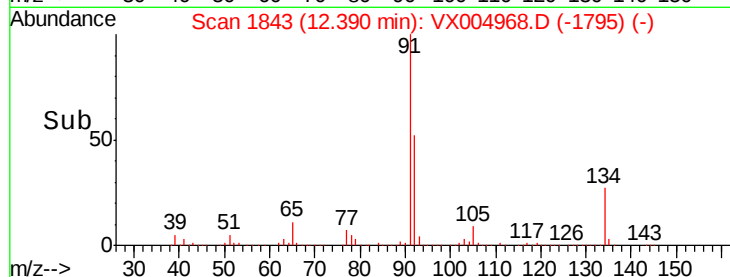
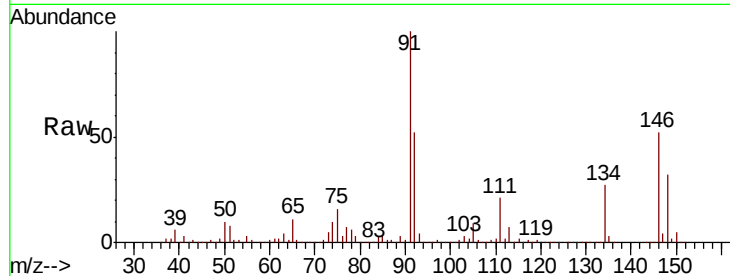
#91
 1,2-Dichlorobenzene
 Concen: 48.715 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.6	58.7
148	63.5	31.8	95.4

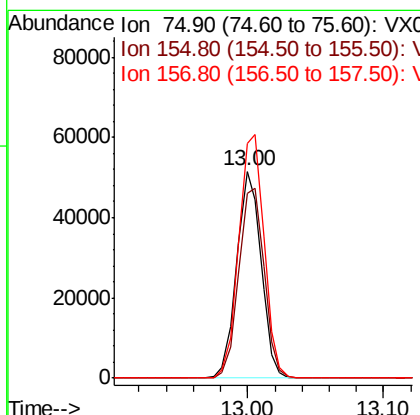
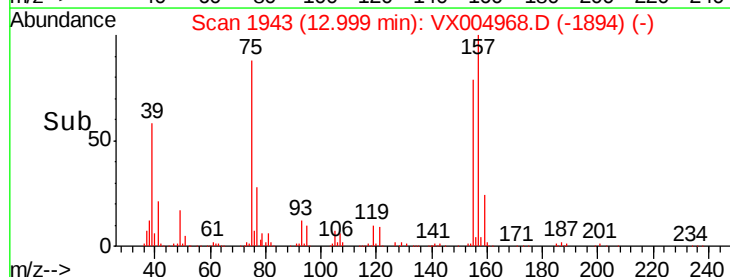
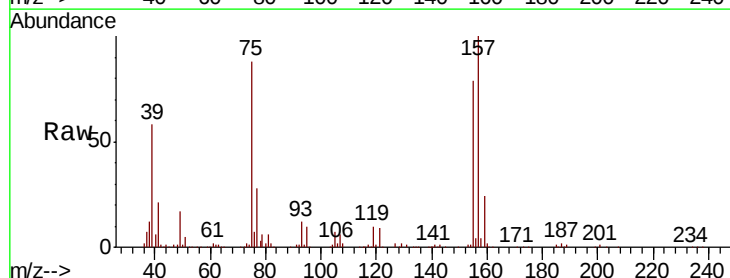
Manual Integrations
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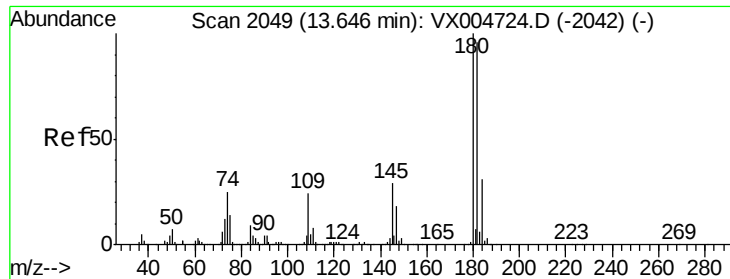
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.882 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.4	46.1	138.3
157	122.2	60.2	180.6





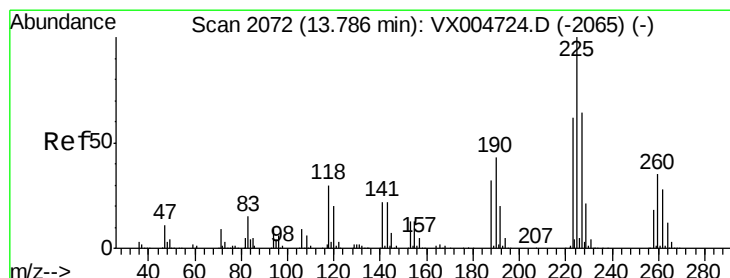
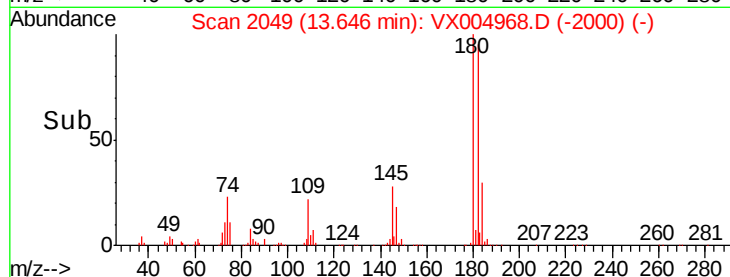
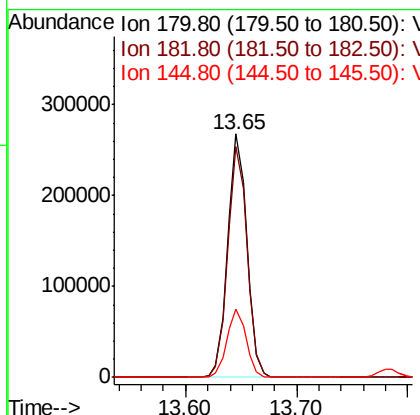
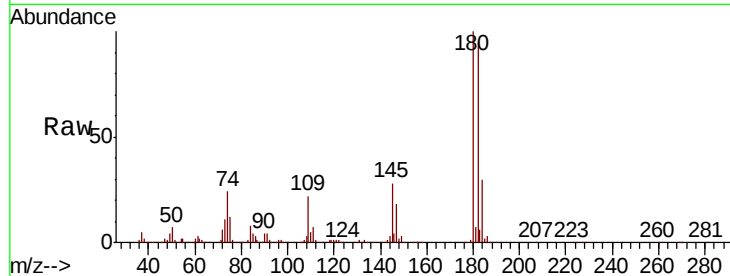
#93
 1,2,4-Trichlorobenzene
 Concen: 54.414 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	318301		
182	95.5	47.8	143.4	
145	28.1	14.1	42.4	

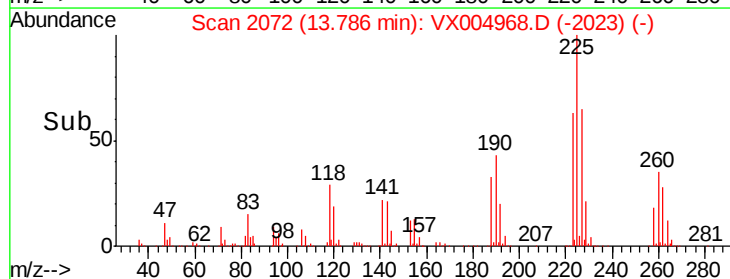
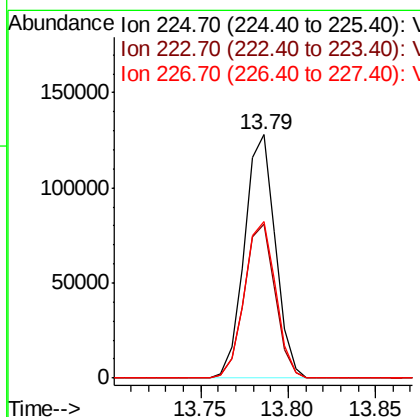
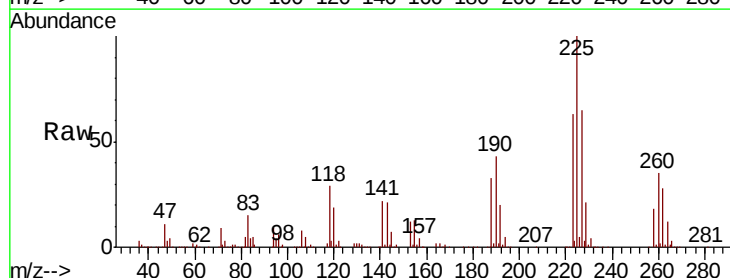
Manual Integrations
 APPROVED

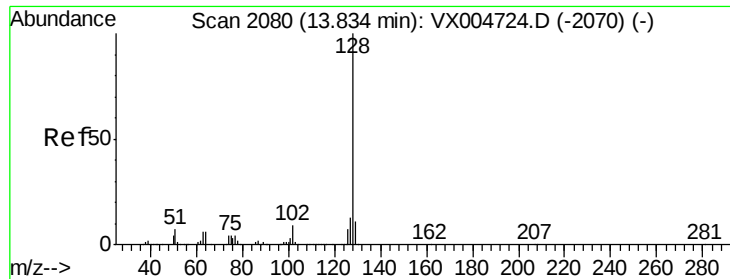
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 51.756 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX004968.D
 Acq: 03 Oct 2018 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	156993		
223	62.9	31.3	93.8	
227	65.0	31.9	95.5	





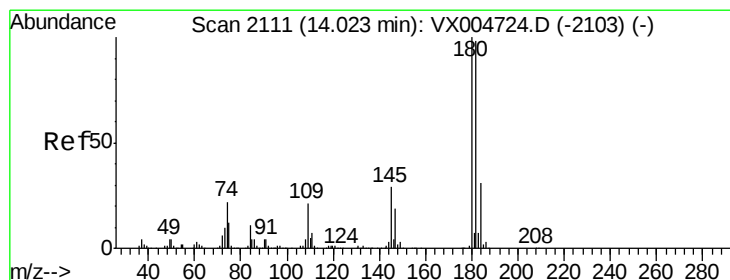
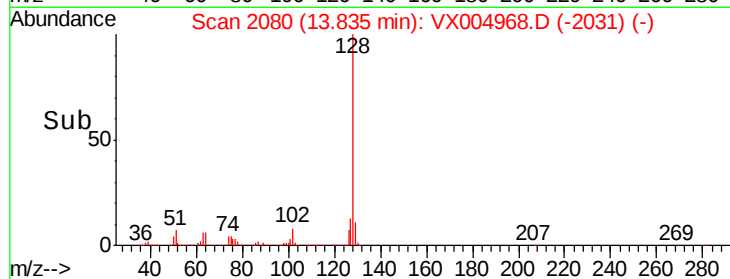
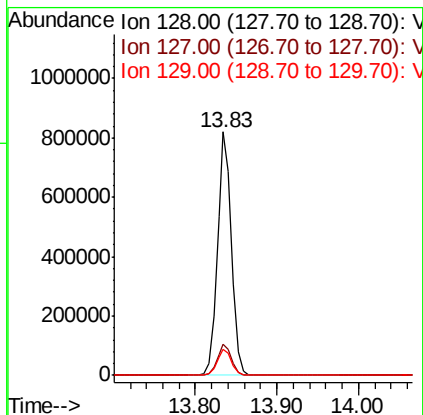
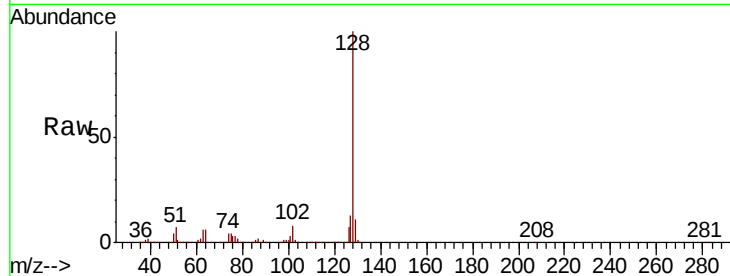
#95
Naphthalene
Concen: 50.836 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

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10/5/2018 3:24:43 PM



#96
1,2,3-Trichlorobenzene
Concen: 53.201 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX004968.D
Acq: 03 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.9	143.8
145	29.8	15.0	45.0

