

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111318\
 Data File : VX005965.D
 Acq On : 13 Nov 2018 22:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/14/2018 9:51:37 AM

Quant Time: Nov 14 04:52:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	101150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	133144	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	126977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	72587	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	63642	54.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.46%	
35) Dibromofluoromethane	5.51	113	48813	53.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.80%	
50) Toluene-d8	8.71	98	173041	57.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.96%	
62) 4-Bromofluorobenzene	11.14	95	66759	61.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	45843	50.267	ug/l	93
3) Chloromethane	1.32	50	54701	45.704	ug/l	99
4) Vinyl Chloride	1.41	62	60511	50.362	ug/l #	87
5) Bromomethane	1.64	94	31134	42.342	ug/l	99
6) Chloroethane	1.71	64	33648	46.934	ug/l	95
7) Trichlorofluoromethane	1.92	101	78767	49.387	ug/l	97
8) Diethyl Ether	2.19	74	30776	49.246	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	44106	48.084	ug/l	100
10) Methyl Iodide	2.51	142	52724	47.426	ug/l	98
11) Tert butyl alcohol	3.08	59	79851	239.709	ug/l	100
12) 1,1-Dichloroethene	2.37	96	40325	45.104	ug/l	90
13) Acrolein	2.29	56	49258	305.515	ug/l	100
14) Allyl chloride	2.72	41	94785	47.469	ug/l	98
15) Acrylonitrile	3.15	53	177891	257.685	ug/l	98
16) Acetone	2.45	43	154938	247.462	ug/l	99
17) Carbon Disulfide	2.57	76	121195	45.446	ug/l	97
18) Methyl Acetate	2.78	43	93769	56.065	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	156607	51.322	ug/l	97
20) Methylene Chloride	2.86	84	49663	48.288	ug/l	85
21) trans-1,2-Dichloroethene	3.17	96	44322	47.001	ug/l	96
22) Diisopropyl ether	3.87	45	172636	49.354	ug/l	89
23) Vinyl Acetate	3.82	43	769763	256.658	ug/l	97
24) 1,1-Dichloroethane	3.70	63	92618	49.629	ug/l	100
25) 2-Butanone	4.70	43	260538	264.682	ug/l	99
26) 2,2-Dichloropropane	4.59	77	61191	44.699	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	50974	48.954	ug/l	97
28) Bromochloromethane	5.02	49	46909	56.243	ug/l	95
29) Tetrahydrofuran	5.15	42	160645	254.177	ug/l	99
30) Chloroform	5.22	83	87262	48.466	ug/l	86
31) Cyclohexane	5.58	56	81241	50.150	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	79937	53.228	ug/l	98
36) 1,1-Dichloropropene	5.80	75	66181	51.561	ug/l	99
37) Ethyl Acetate	4.85	43	88020	52.148	ug/l	99
38) Carbon Tetrachloride	5.77	117	68891	53.613	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	70252	54.002	ug/l	99
40) Benzene	6.15	78	207345	55.413	ug/l	100
41) Methacrylonitrile	5.06	41	49637	54.424	ug/l	99
42) 1,2-Dichloroethane	6.20	62	73614	54.927	ug/l	100
43) Isopropyl Acetate	6.46	43	129413	52.913	ug/l	98
44) Trichloroethene	7.21	130	49919	52.532	ug/l	97
45) 1,2-Dichloropropane	7.52	63	50333	55.420	ug/l	100
46) Dibromomethane	7.66	93	32969	57.850	ug/l	99
47) Bromodichloromethane	7.90	83	64468	59.856	ug/l	98
48) Methyl methacrylate	7.77	41	66450	60.508	ug/l	98
49) 1,4-Dioxane	7.76	88	27931	1180.292	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	453300	294.080	ug/l	100
52) Toluene	8.79	92	119925	57.346	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	68799	54.129	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	75834	58.537	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	48460	51.995	ug/l	97
56) Ethyl methacrylate	9.18	69	74765	53.613	ug/l	97
57) 1,3-Dichloropropane	9.37	76	82206	52.486	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	213441	279.862	ug/l	99
59) 2-Hexanone	9.50	43	363451	267.501	ug/l	99
60) Dibromochloromethane	9.59	129	51345	50.974	ug/l	99
61) 1,2-Dibromoethane	9.67	107	50793	49.285	ug/l	100
64) Tetrachloroethene	9.34	164	53762	49.730	ug/l	98
65) Chlorobenzene	10.14	112	128926	50.683	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	48365	54.690	ug/l	100
67) Ethyl Benzene	10.25	91	224857	55.126	ug/l	99
68) m/p-Xylenes	10.36	106	173922	111.784	ug/l	98
69) o-Xylene	10.70	106	83925	60.155	ug/l	100
70) Styrene	10.71	104	141006	61.267	ug/l	99
71) Bromoform	10.86	173	42403	57.198	ug/l #	99
73) Isopropylbenzene	11.02	105	230289	54.862	ug/l	100
74) N-amyl acetate	10.90	43	117163	49.752	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	81186	52.694	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	78314m	52.985	ug/l	
77) Bromobenzene	11.26	156	60428	51.074	ug/l	98
78) n-propylbenzene	11.36	91	267536	54.080	ug/l	99
79) 2-Chlorotoluene	11.42	91	159497	53.341	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	198163	55.553	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	23585	50.858	ug/l	97
82) 4-Chlorotoluene	11.51	91	190259	53.989	ug/l	99
83) tert-Butylbenzene	11.77	119	190216	52.710	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	205110	52.108	ug/l	99
85) sec-Butylbenzene	11.94	105	235954	53.468	ug/l	100
86) p-Isopropyltoluene	12.07	119	212859	54.455	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	112108	49.373	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	113987	49.039	ug/l	99
89) n-Butylbenzene	12.39	91	185782	51.281	ug/l	100
90) Hexachloroethane	12.60	117	33431	51.226	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	112792	49.586	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19500	51.865	ug/l	99

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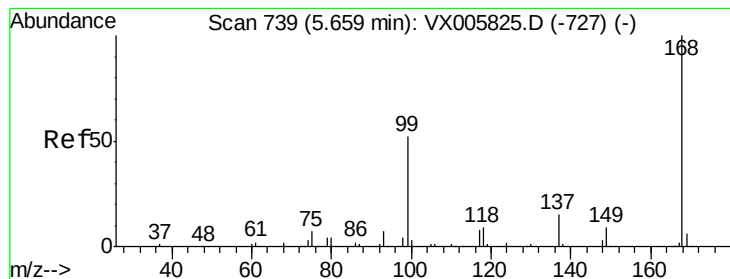
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	80630	50.353	ug/l	99
94) Hexachlorobutadiene	13.79	225	39285	46.704	ug/l	99
95) Naphthalene	13.83	128	251140	48.136	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	82670	50.675	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 101150

Ion Ratio Lower Upper

168 100

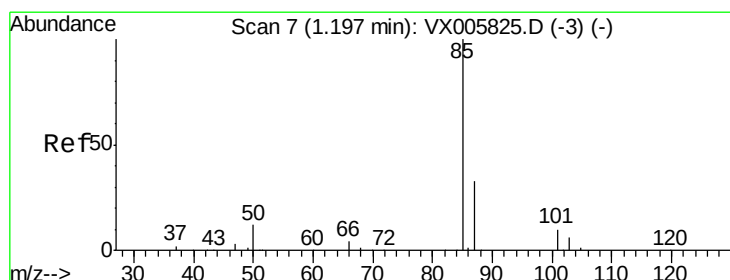
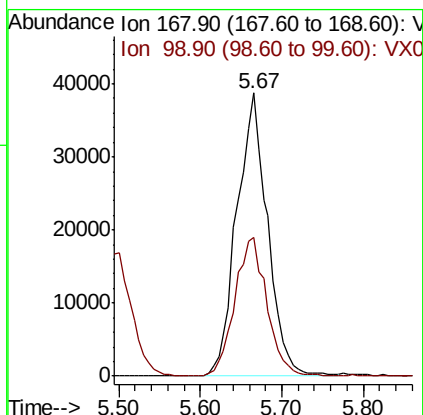
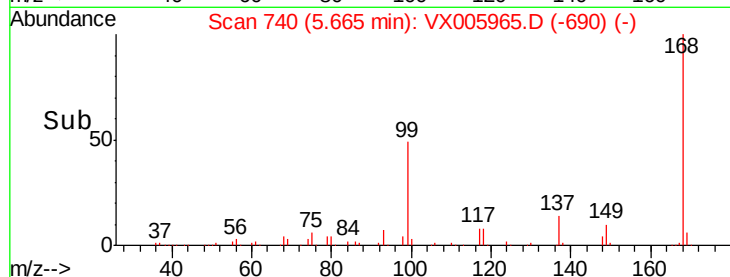
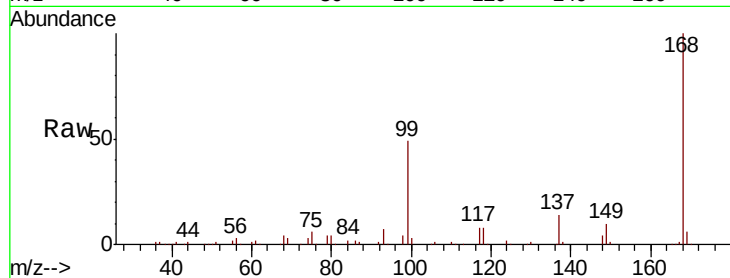
99 48.9 40.7 61.1

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#2

Dichlorodifluoromethane

Concen: 50.267 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005965.D

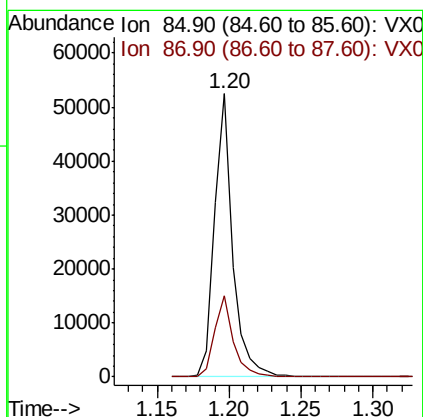
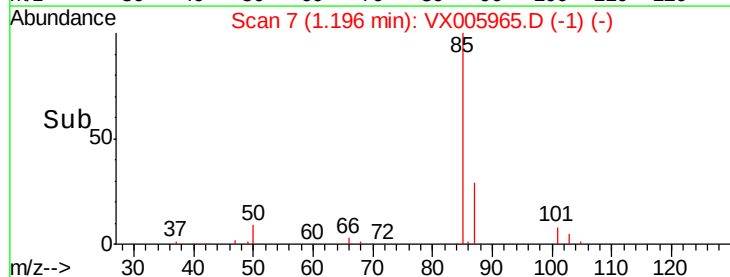
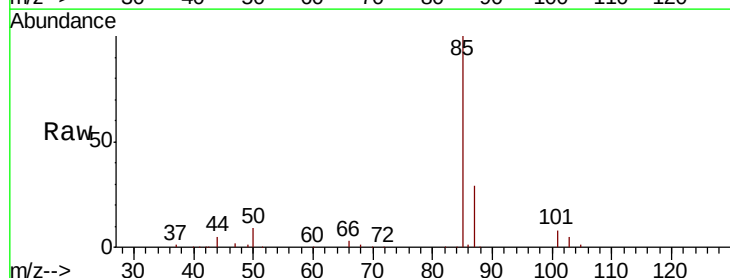
Acq: 13 Nov 2018 22:34

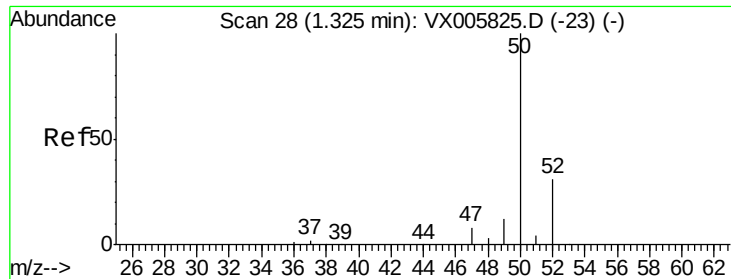
Tgt Ion: 85 Resp: 45843

Ion Ratio Lower Upper

85 100

87 28.7 16.3 48.9





#3

Chloromethane

Concen: 45.704 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 54701

Ion Ratio Lower Upper

50 100

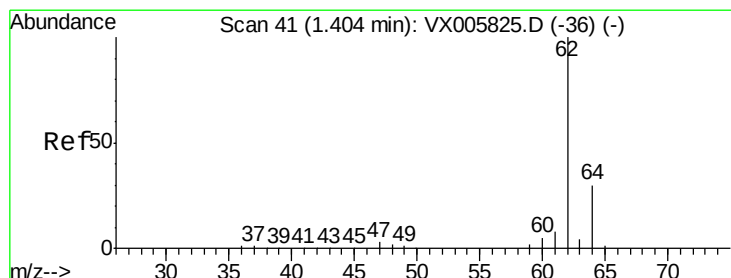
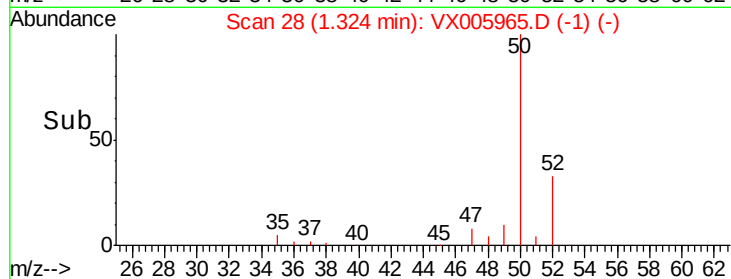
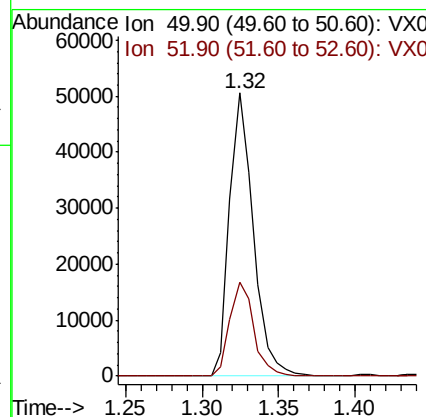
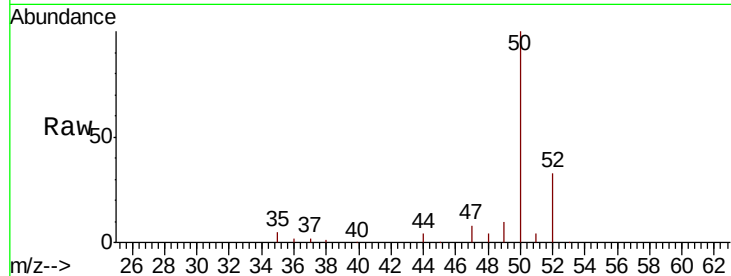
52 33.4 26.2 39.2

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#4

Vinyl Chloride

Concen: 50.362 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005965.D

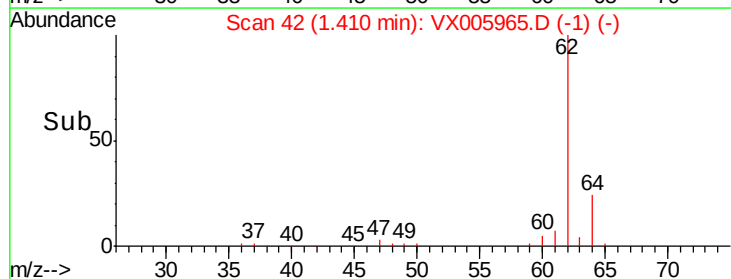
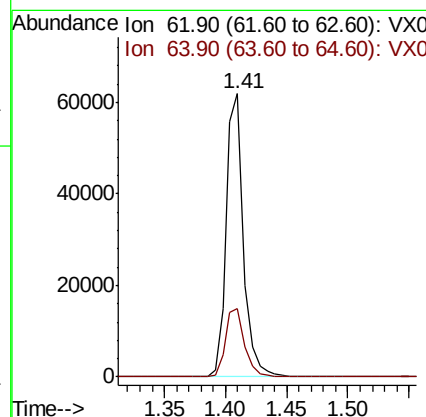
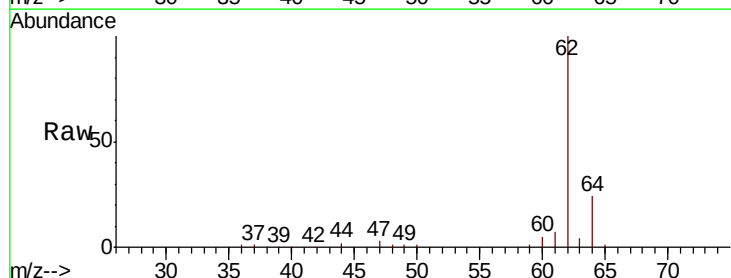
Acq: 13 Nov 2018 22:34

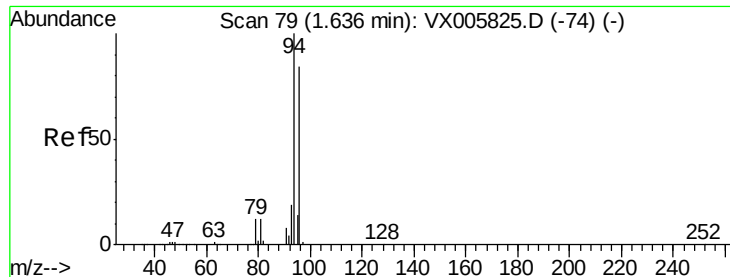
Tgt Ion: 62 Resp: 60511

Ion Ratio Lower Upper

62 100

64 24.2 25.3 37.9#





#5

Bromomethane

Concen: 42.342 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 31134

Ion Ratio Lower Upper

94 100

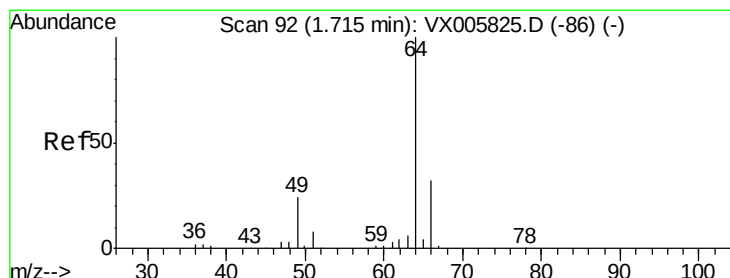
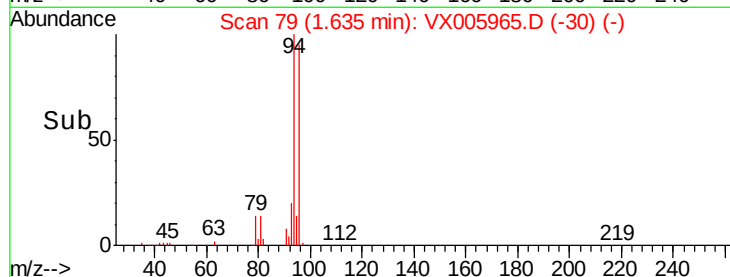
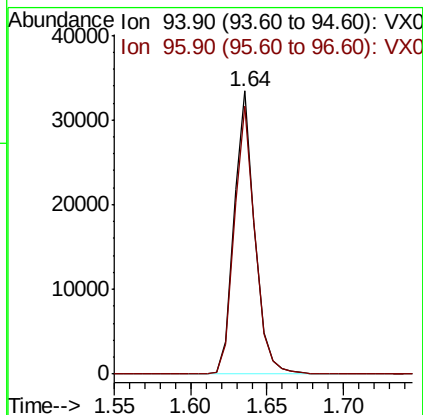
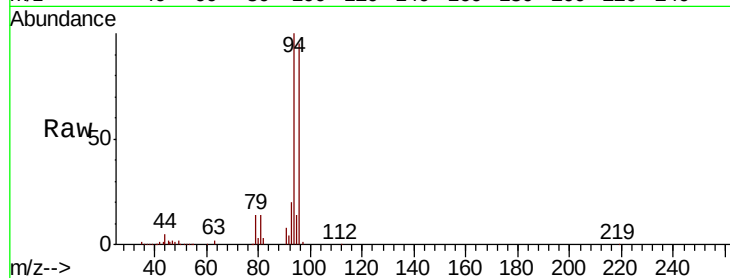
96 94.9 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 46.934 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX005965.D

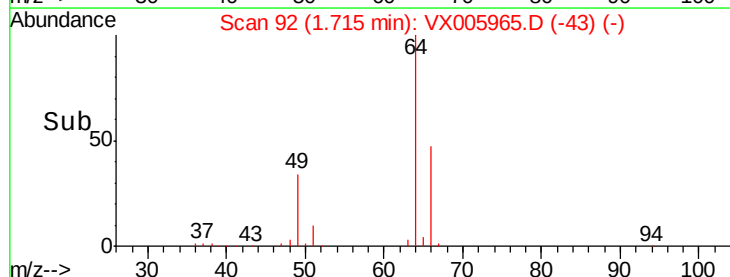
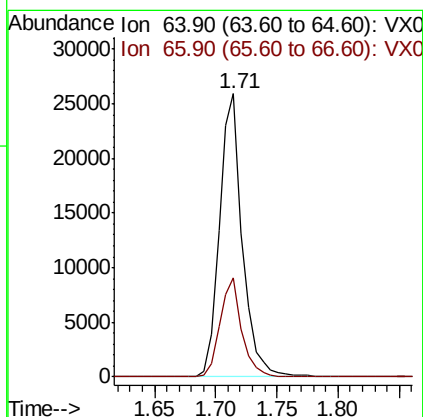
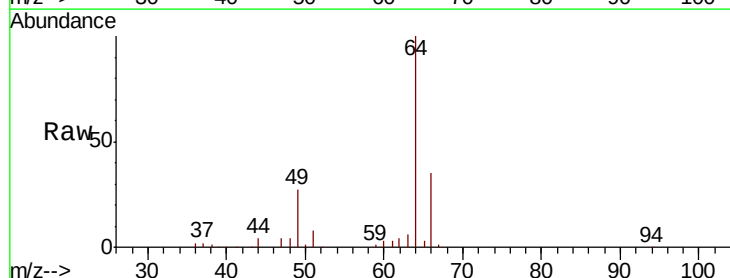
Acq: 13 Nov 2018 22:34

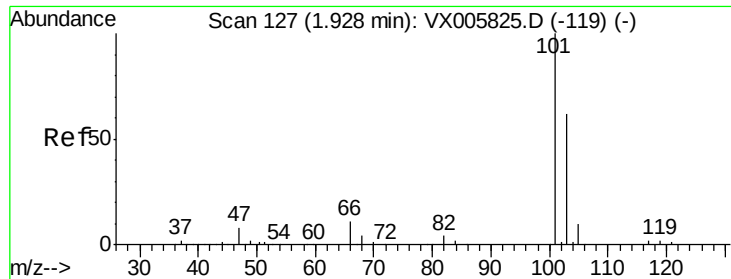
Tgt Ion: 64 Resp: 33648

Ion Ratio Lower Upper

64 100

66 35.0 25.8 38.6





#7

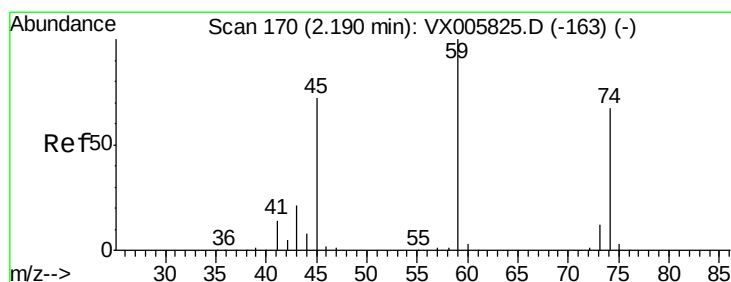
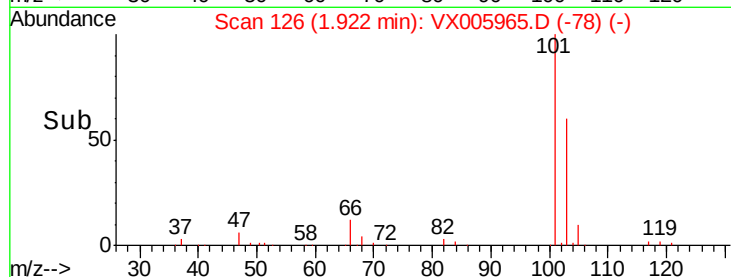
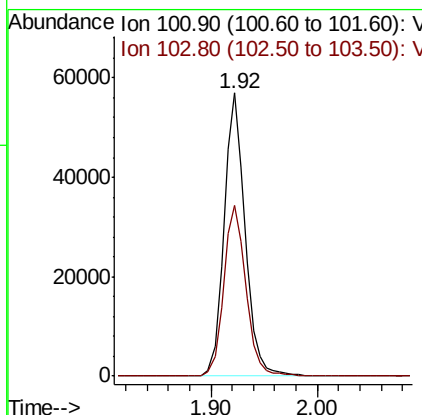
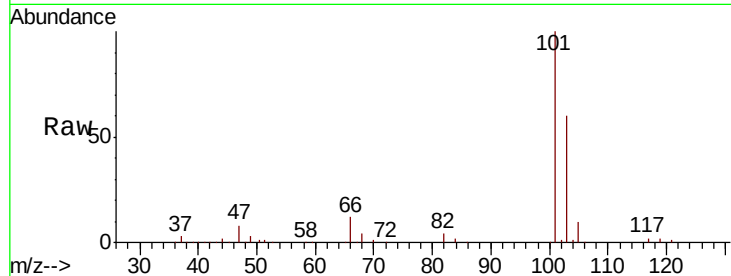
Trichlorofluoromethane
Concen: 49.387 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 78767
Ion Ratio Lower Upper
101 100
103 60.4 50.0 75.0

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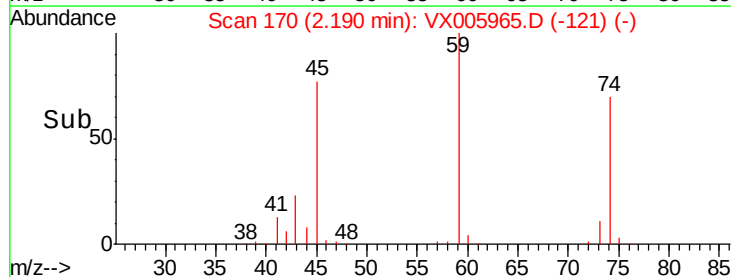
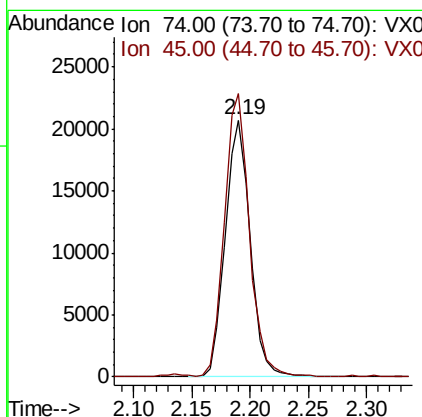
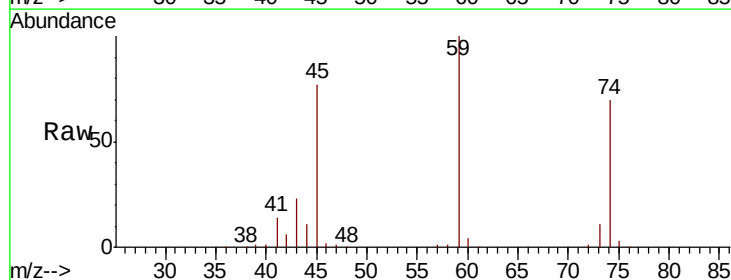
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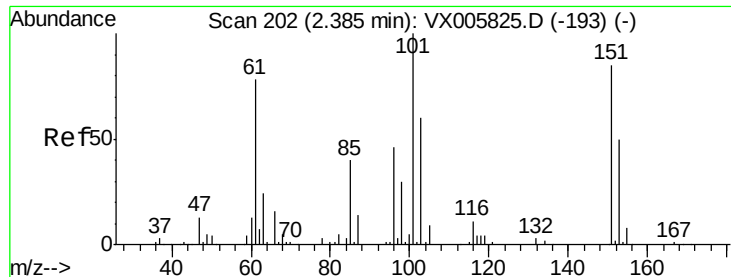


#8

Diethyl Ether
Concen: 49.246 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Tgt Ion: 74 Resp: 30776
Ion Ratio Lower Upper
74 100
45 109.2 54.1 162.3





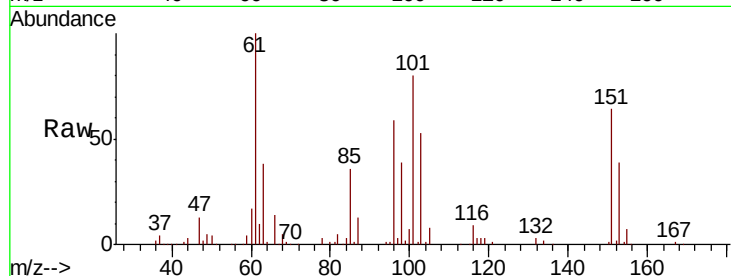
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.084 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. -0.01 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
85	44.2	35.0	52.4
151	82.5	66.2	99.2

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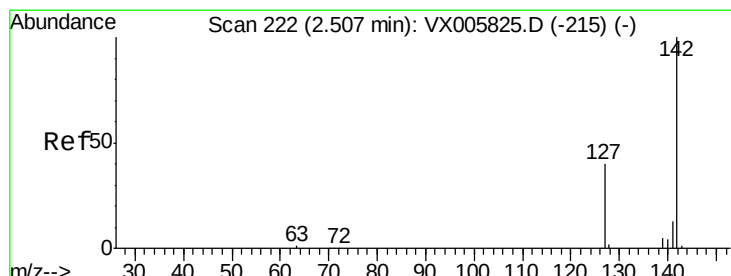
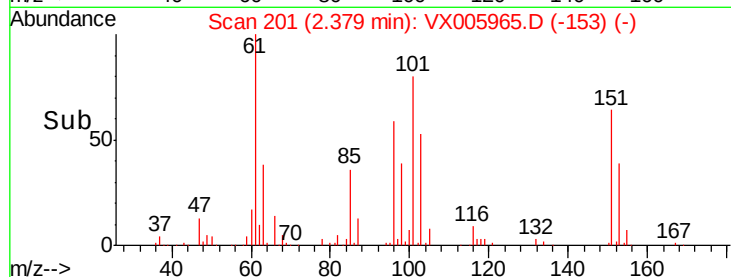
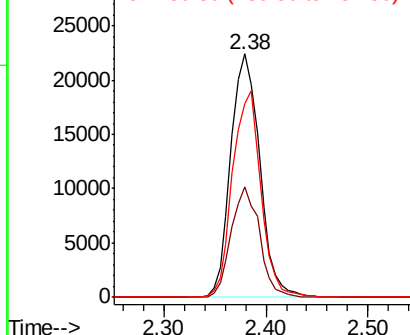


Abundance

Ion 100.90 (100.60 to 101.60): V

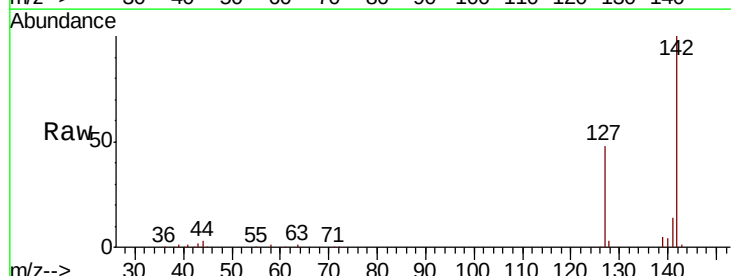
Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10
 Methyl Iodide
 Concen: 47.426 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Tgt Ion	Ratio	Lower	Upper
142	100		
127	46.4	36.0	54.0
141	14.3	11.7	17.5

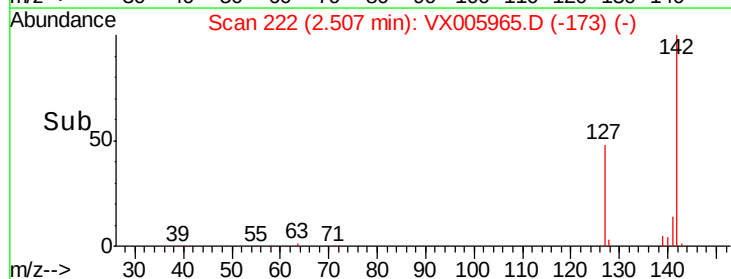
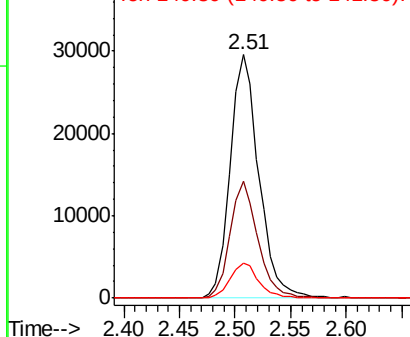


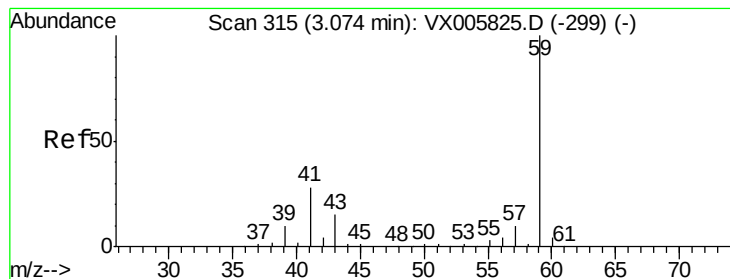
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

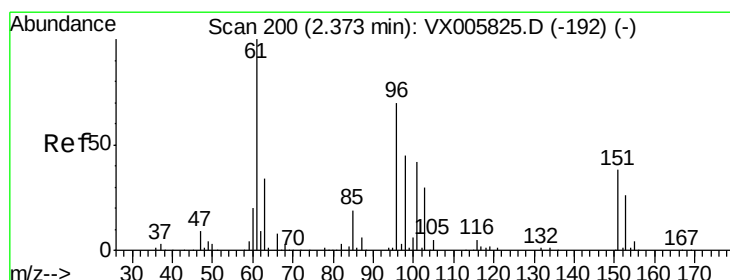
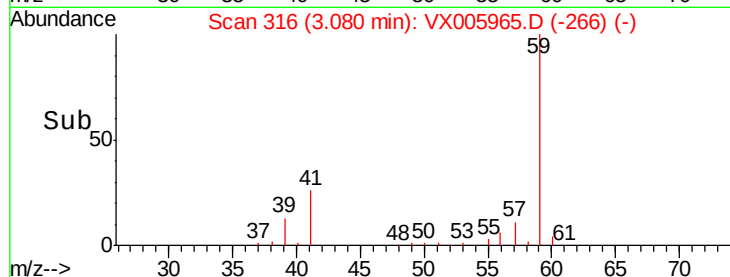
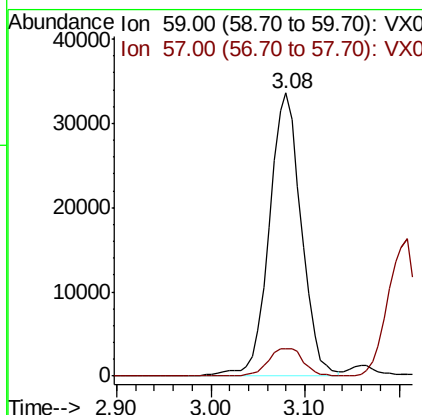
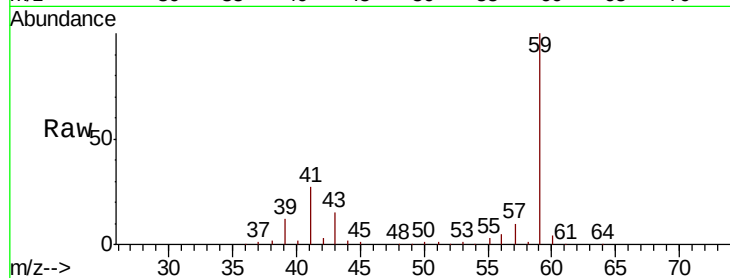
Tert butyl alcohol
Concen: 239.709 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.5	12.7

Manual Integrations
APPROVED

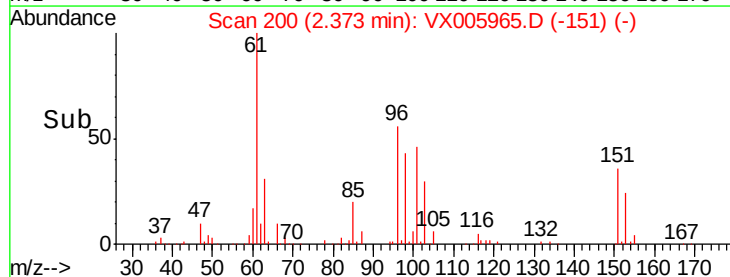
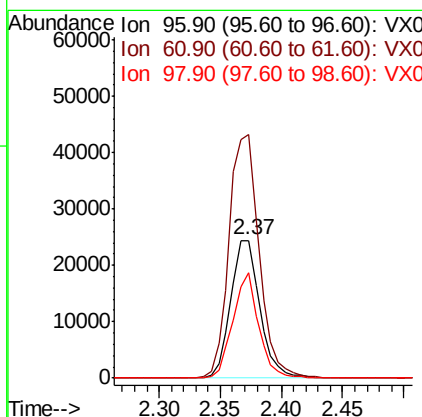
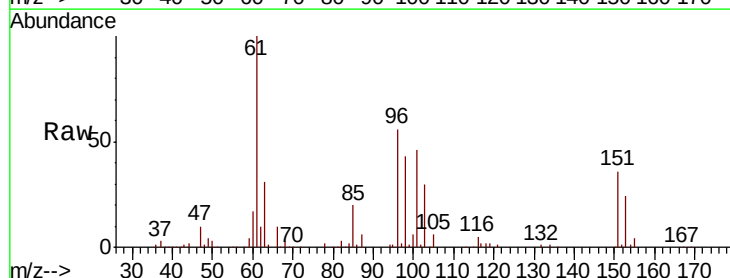
MMDadoda
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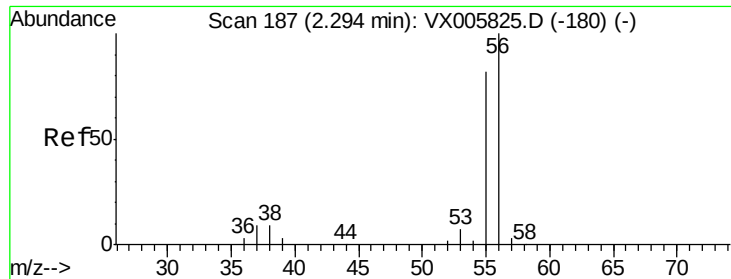


#12

1,1-Dichloroethene
Concen: 45.104 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	177.2	131.8	197.8
98	76.9	53.4	80.2





#13

Acrolein

Concen: 305.515 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 49258

Ion Ratio Lower Upper

56 100

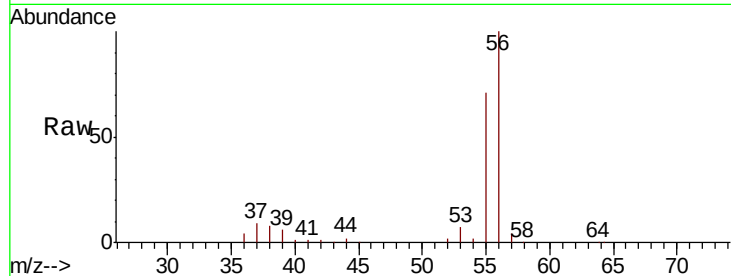
55 71.3 57.3 85.9

Manual Integrations

APPROVED

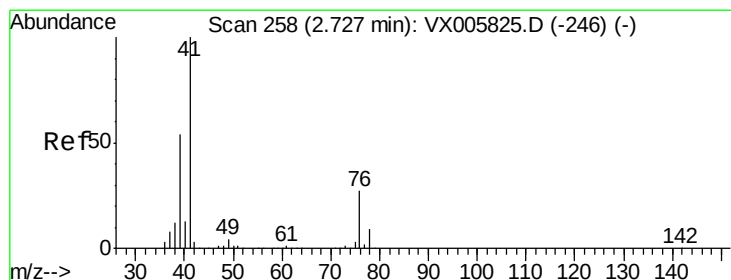
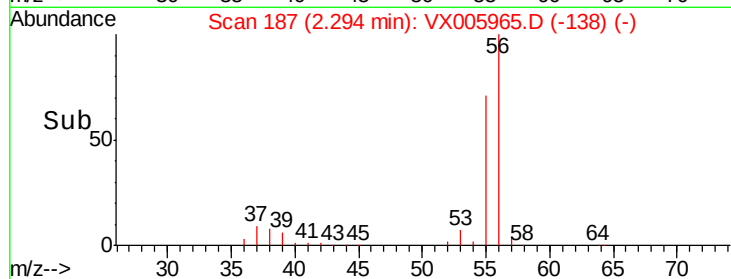
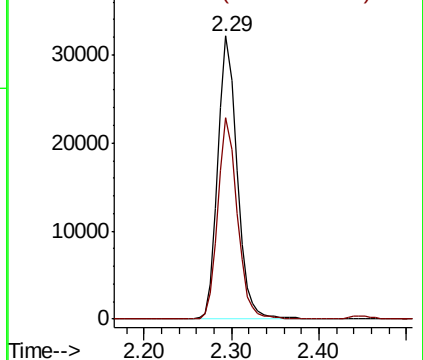
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 47.469 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

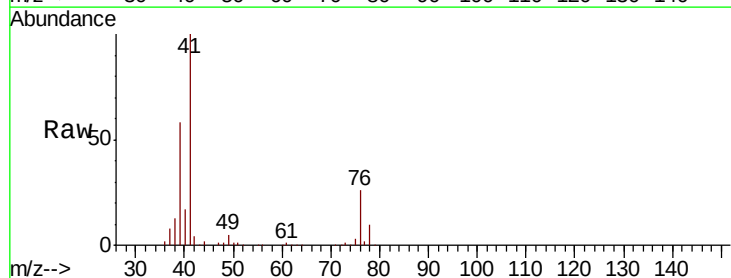
Tgt Ion: 41 Resp: 94785

Ion Ratio Lower Upper

41 100

39 62.2 48.2 72.4

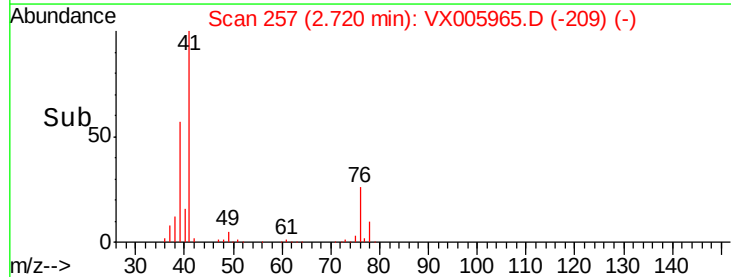
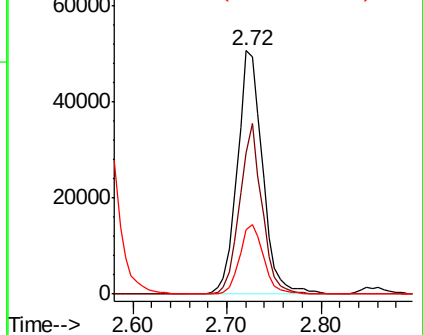
76 27.0 21.9 32.9

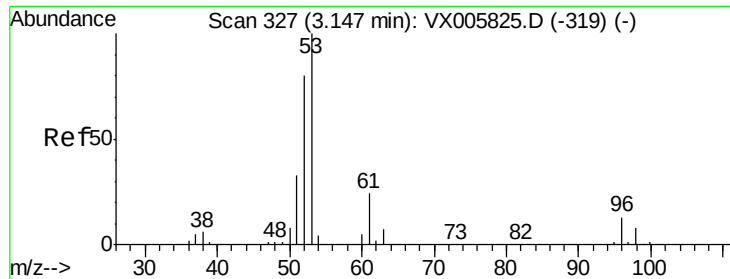


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 257.685 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

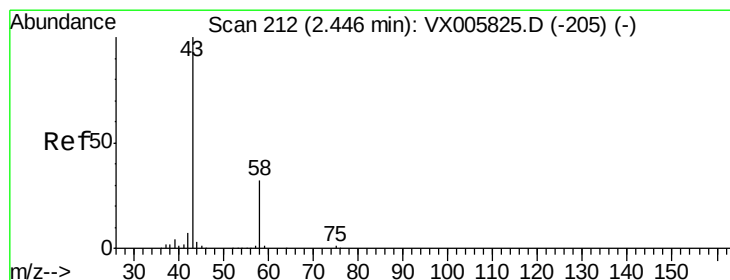
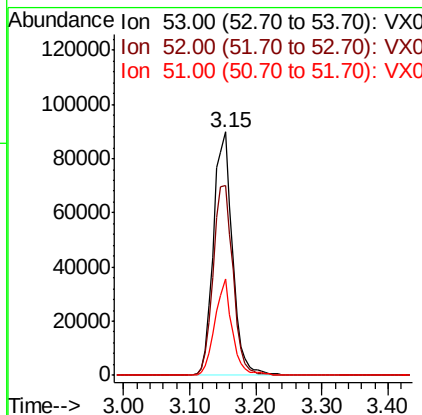
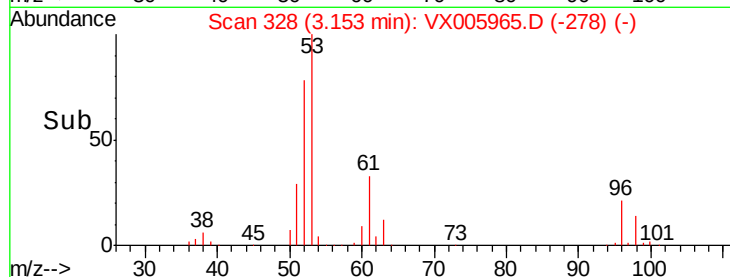
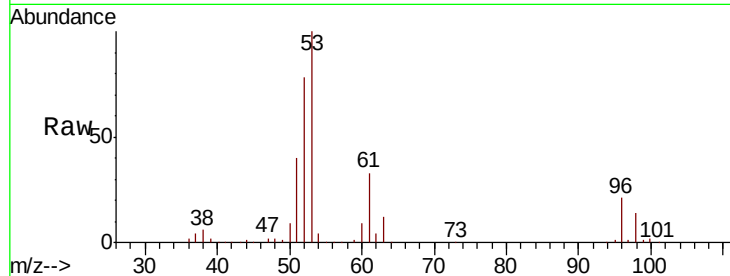
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	177891
Ion Ratio	Lower	Upper	
53	100		
52	81.2	66.6	99.8
51	36.1	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 247.462 ug/l

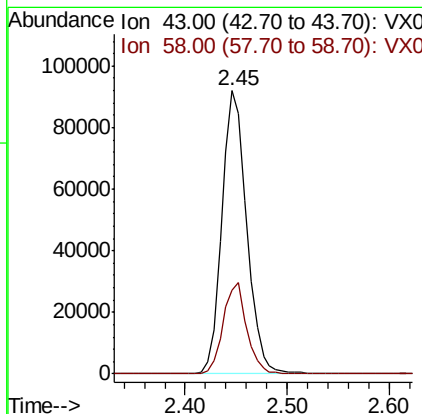
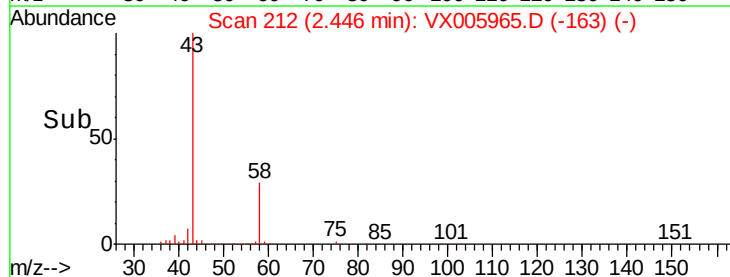
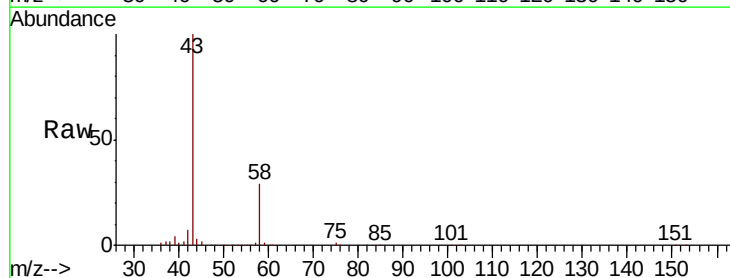
RT: 2.45 min Scan# 212

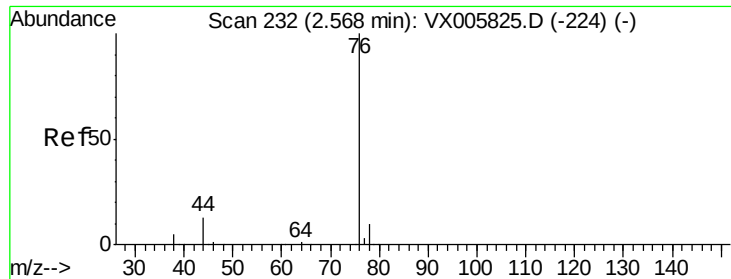
Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Tgt Ion:	43	Resp:	154938
Ion Ratio	Lower	Upper	
43	100		
58	29.4	23.8	35.6





#17

Carbon Disulfide

Concen: 45.446 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 121195

Ion Ratio Lower Upper

76 100

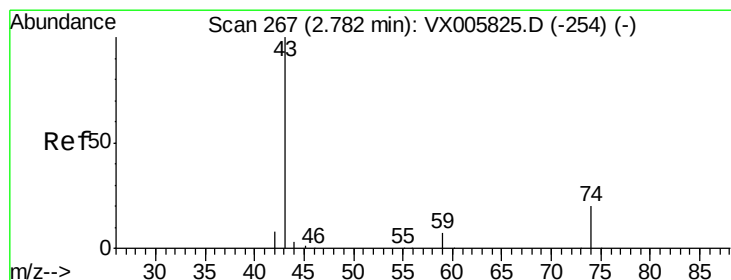
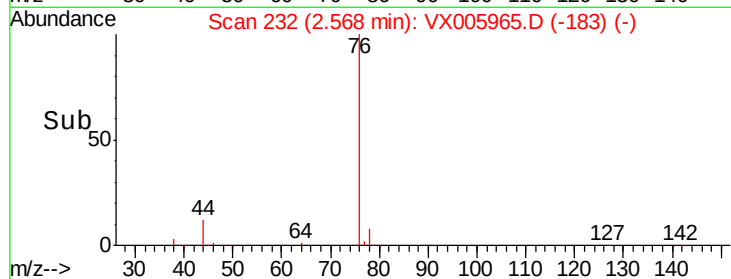
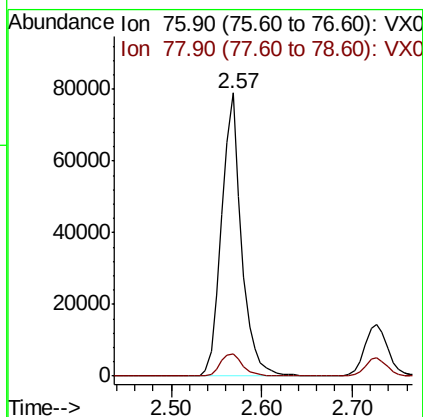
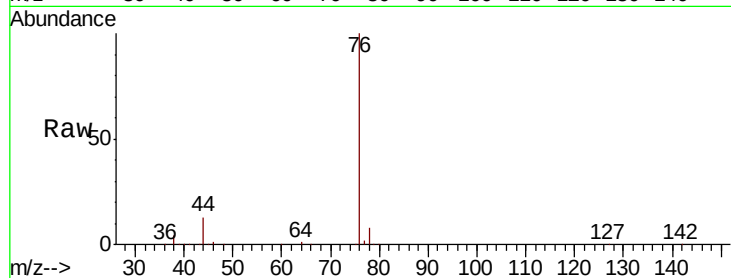
78 7.8 7.3 10.9

Manual Integrations

APPROVED

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#18

Methyl Acetate

Concen: 56.065 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX005965.D

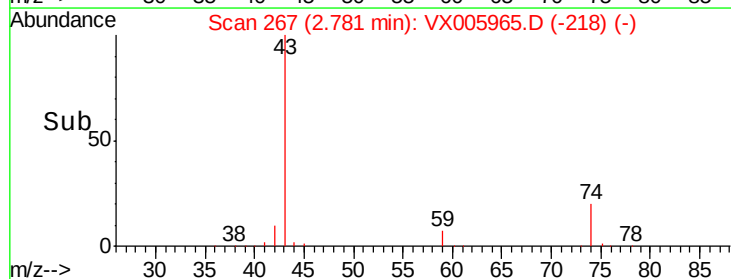
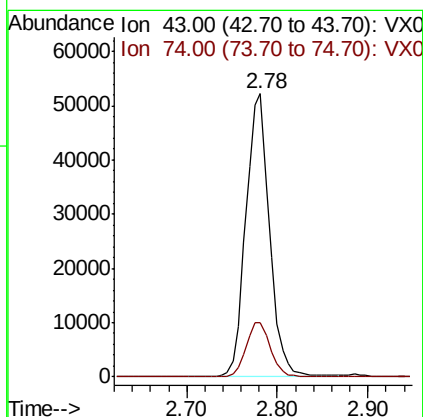
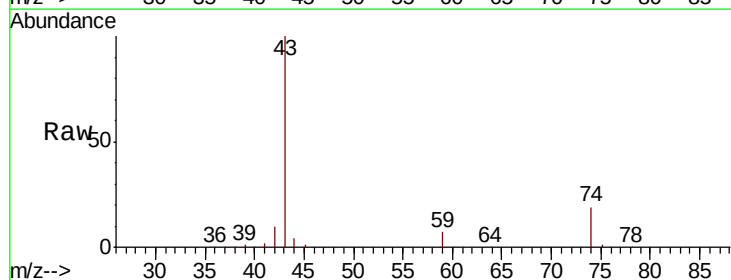
Acq: 13 Nov 2018 22:34

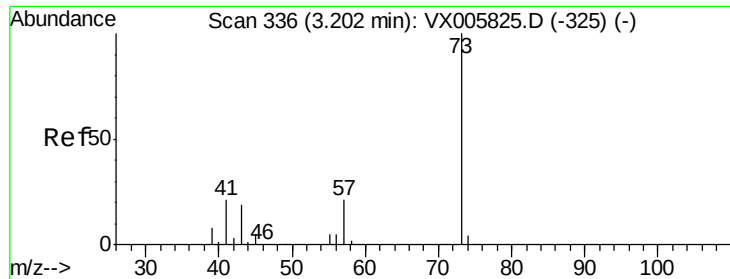
Tgt Ion: 43 Resp: 93769

Ion Ratio Lower Upper

43 100

74 19.9 16.8 25.2





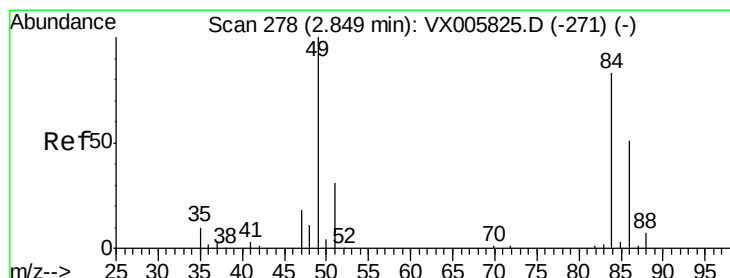
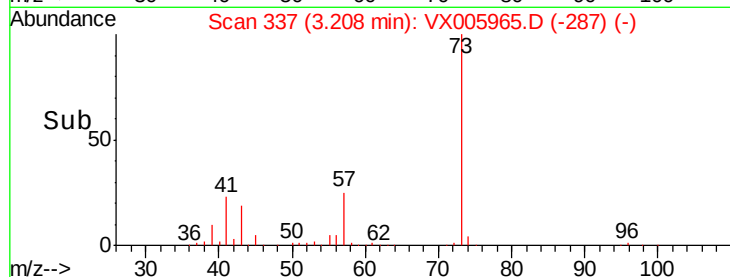
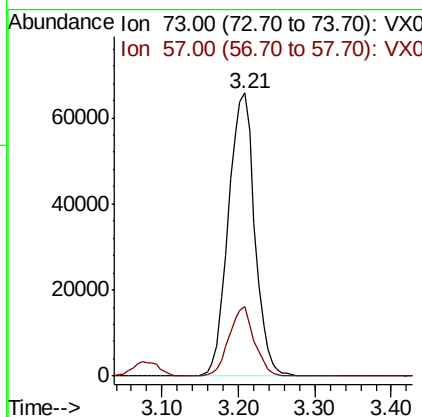
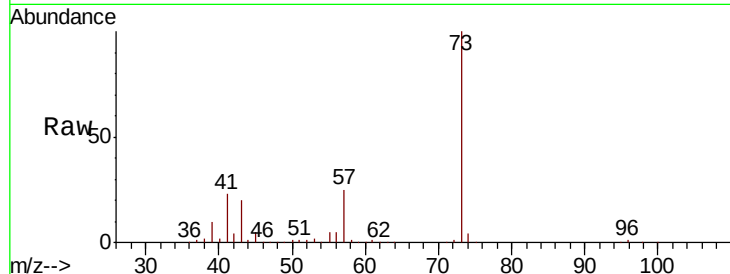
#19
Methyl tert-butyl Ether
Concen: 51.322 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 156607
Ion Ratio Lower Upper
73 100
57 24.8 18.8 28.2

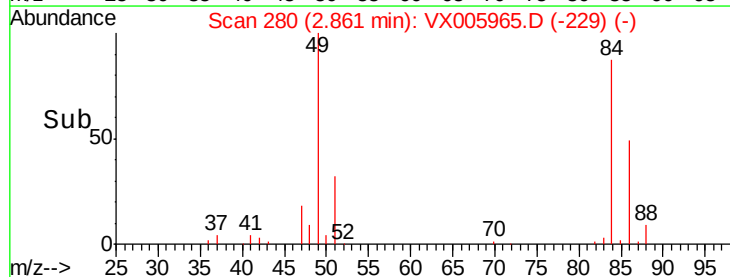
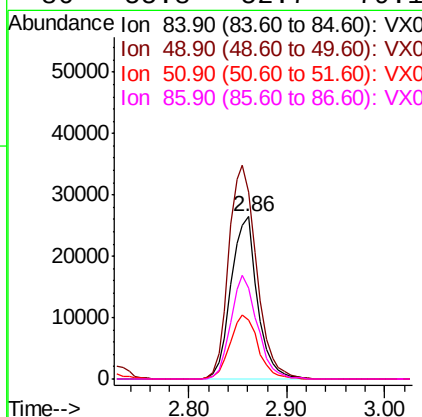
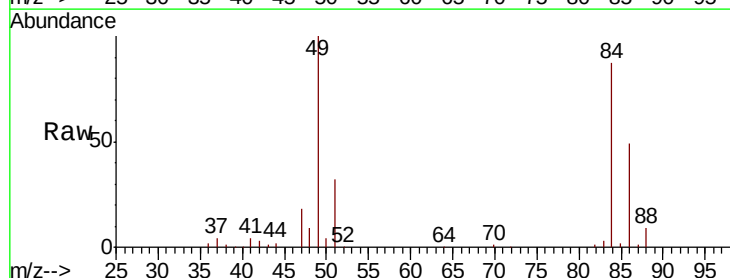
Manual Integrations
APPROVED

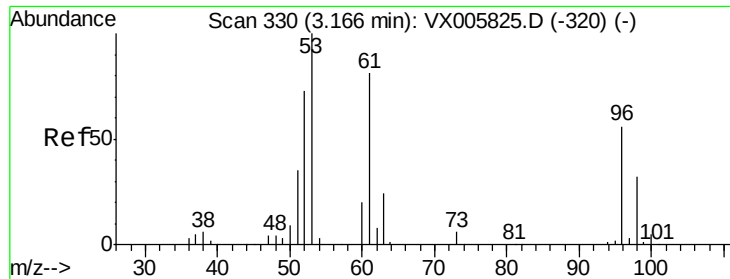
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#20
Methylene Chloride
Concen: 48.288 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Tgt Ion: 84 Resp: 49663
Ion Ratio Lower Upper
84 100
49 114.8 109.5 164.3
51 36.3 33.3 49.9
86 55.8 52.7 79.1





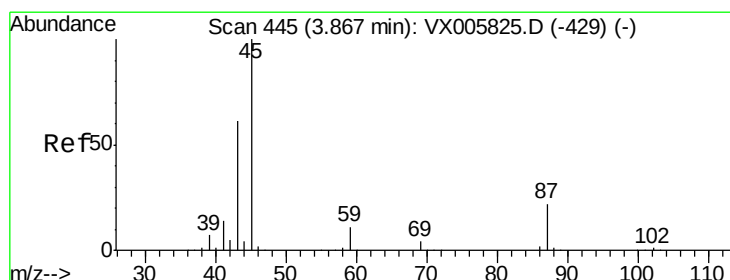
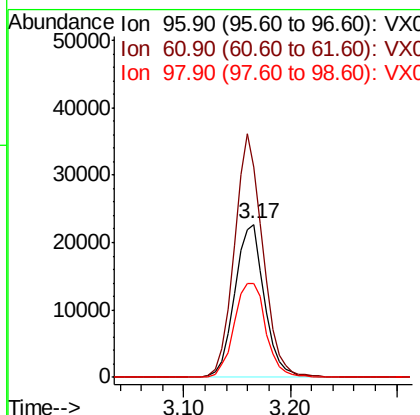
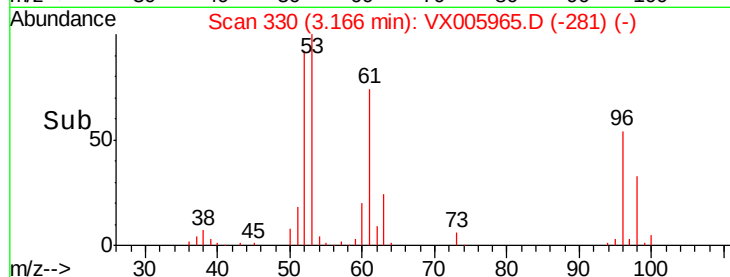
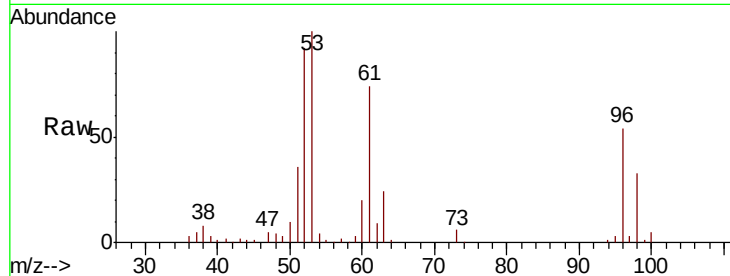
#21
trans-1,2-Dichloroethene
Concen: 47.001 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.5	115.6	173.4
98	61.4	50.2	75.2

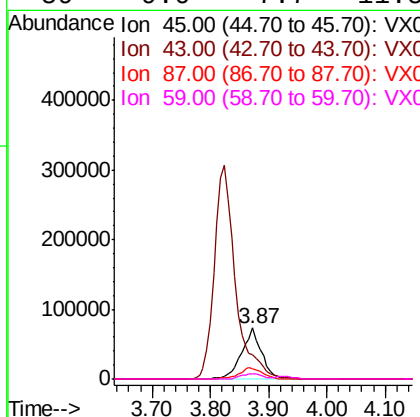
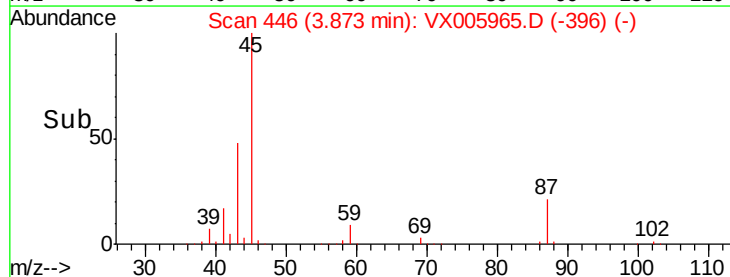
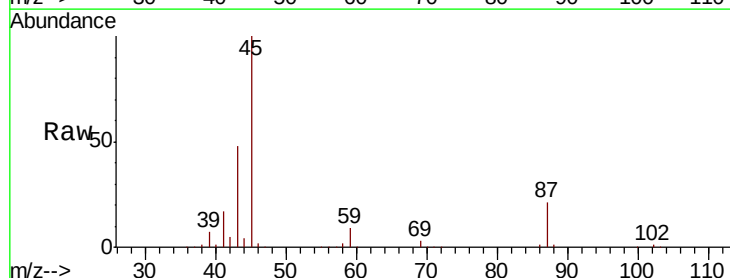
Manual Integrations
APPROVED

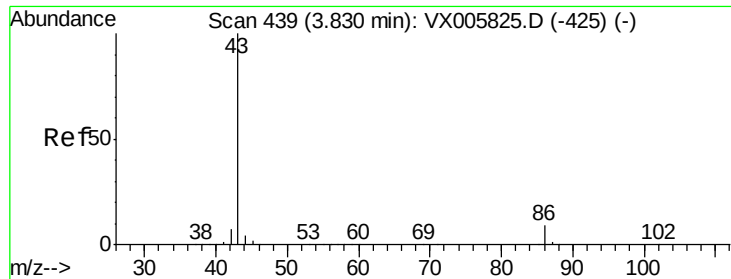
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#22
Diisopropyl ether
Concen: 49.354 ug/l
RT: 3.87 min Scan# 446
Delta R.T. 0.01 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Tgt Ion	Ratio	Lower	Upper
45	100		
43	47.6	47.4	71.2
87	20.8	15.9	23.9
59	9.0	7.7	11.5





#23

Vinyl Acetate

Concen: 256.658 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 769763

Ion Ratio Lower Upper

43 100

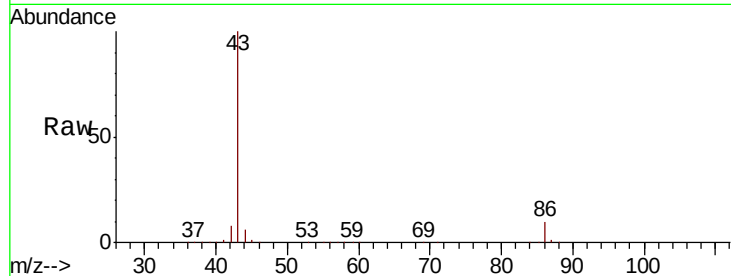
86 10.3 7.4 11.2

Manual Integrations

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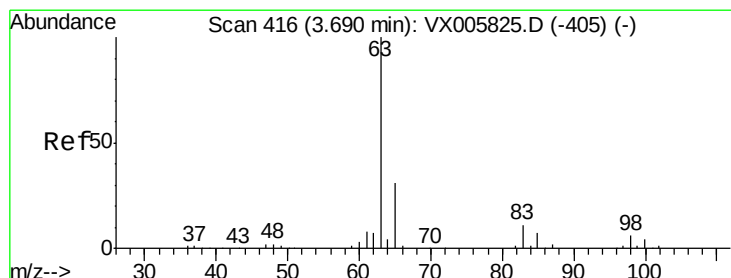
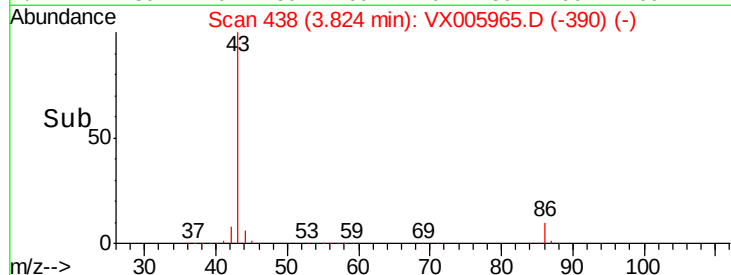
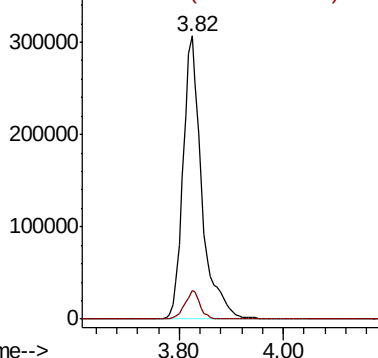
MMDadoda

11/14/2018 9:51:37 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.629 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

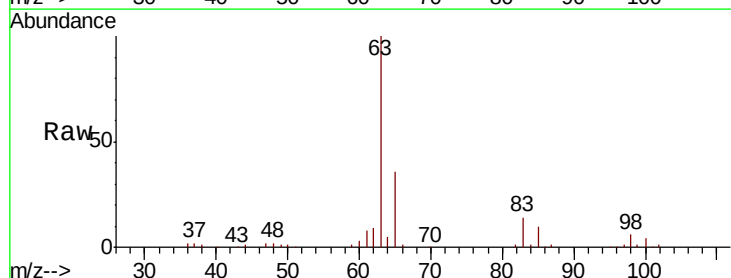
Tgt Ion: 63 Resp: 92618

Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

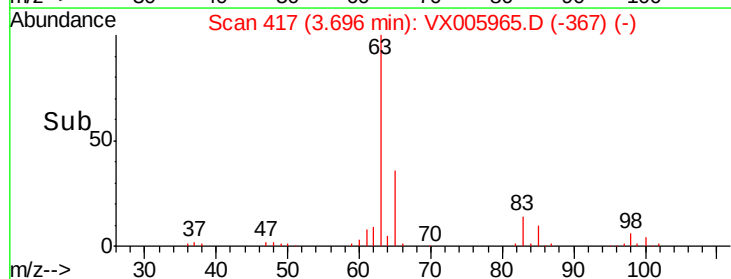
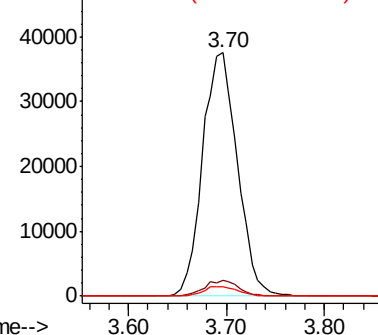
100 4.0 2.1 6.2

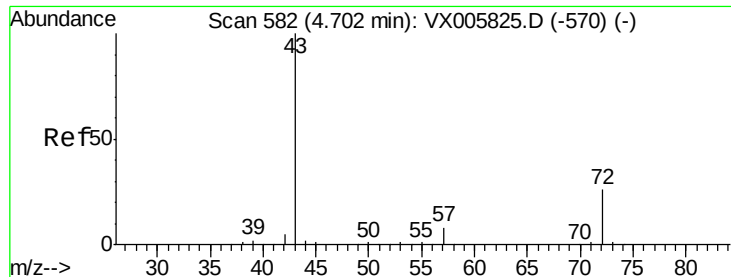


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 264.682 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 260538

Ion Ratio Lower Upper

43 100

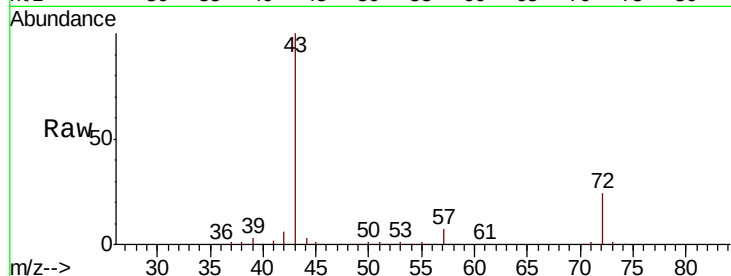
72 24.4 19.2 28.8

Manual Integrations

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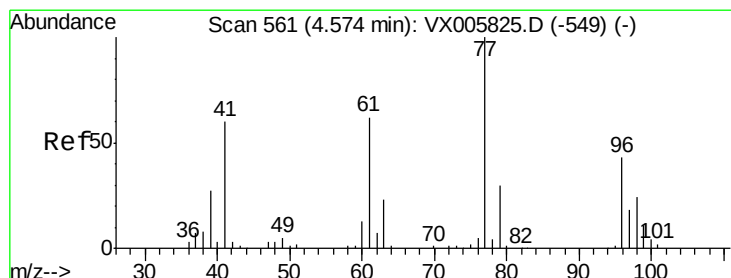
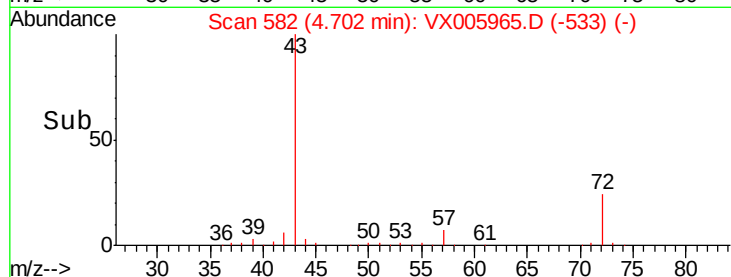
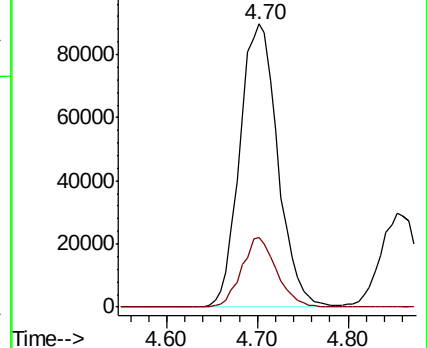
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 44.699 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005965.D

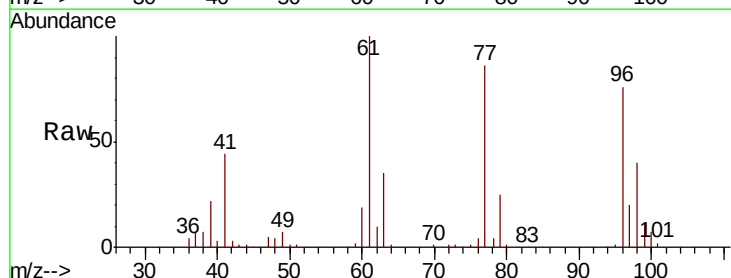
Acq: 13 Nov 2018 22:34

Tgt Ion: 77 Resp: 61191

Ion Ratio Lower Upper

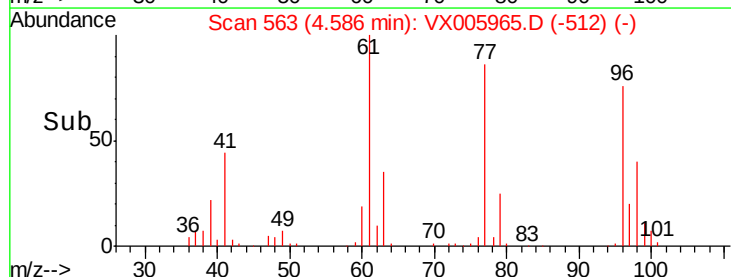
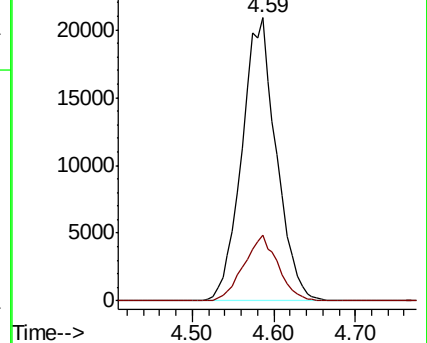
77 100

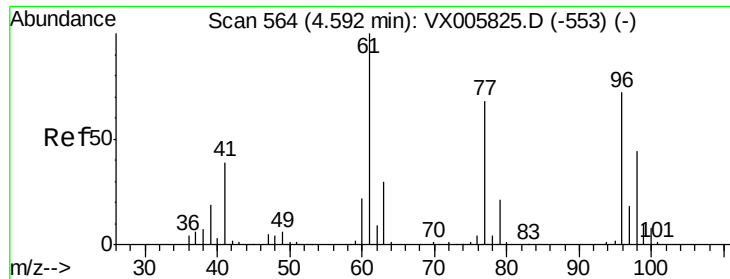
97 23.0 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

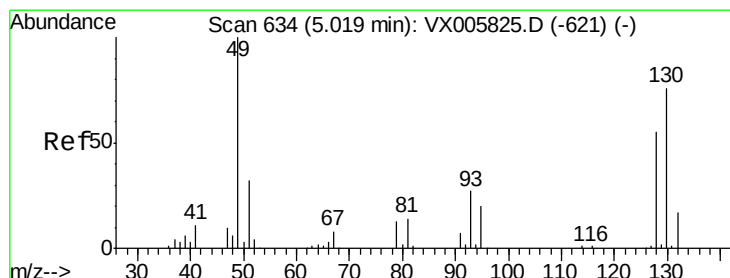
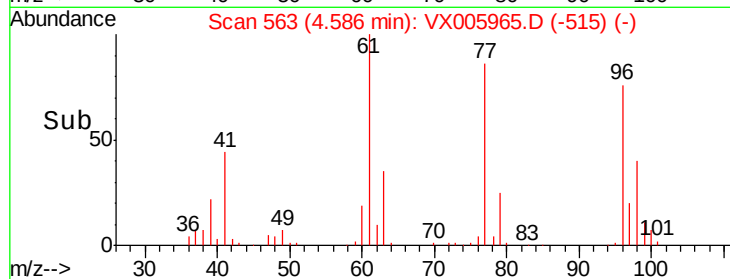
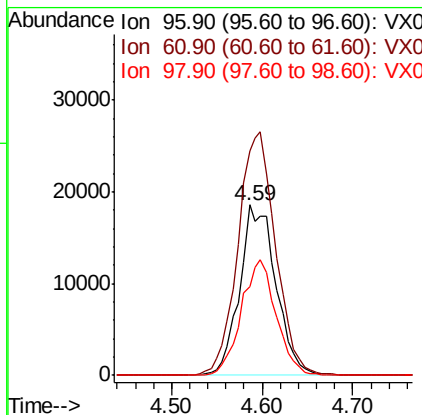
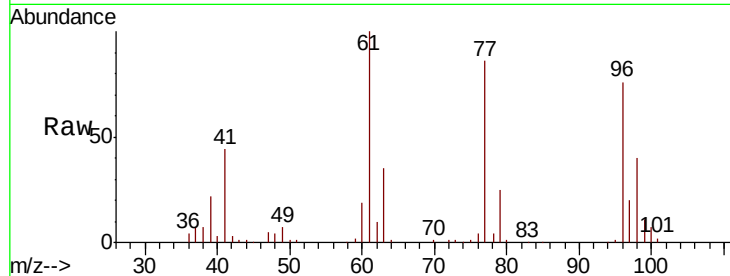
cis-1,2-Dichloroethene
Concen: 48.954 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.01 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.0	0.0	304.6
98	65.5	0.0	127.4

Manual Integrations
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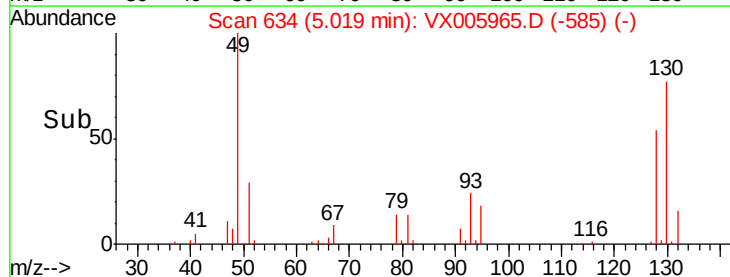
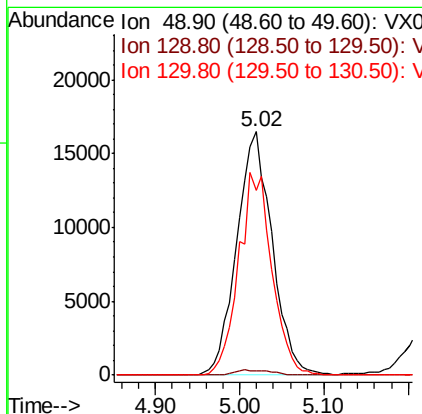
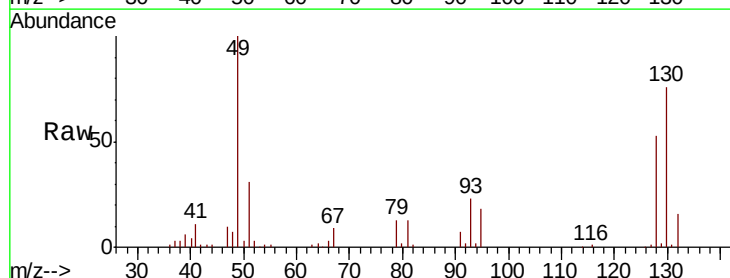
MMDadoda
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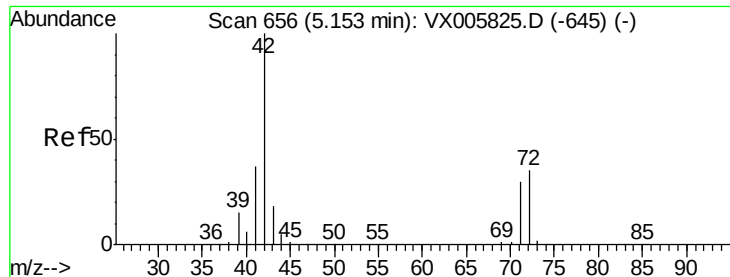


#28

Bromochloromethane
Concen: 56.243 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	77.9	58.9	88.3





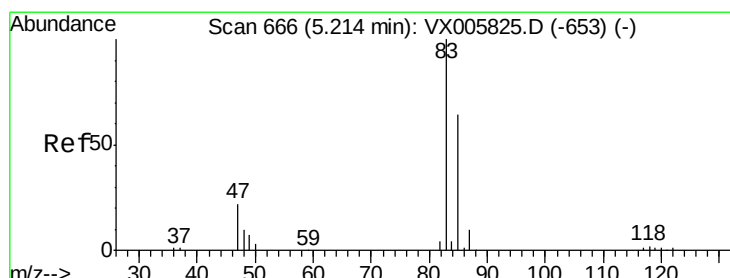
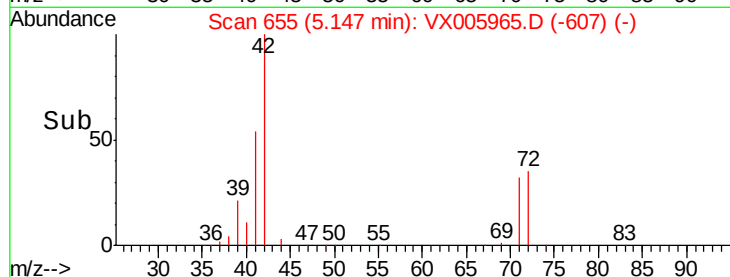
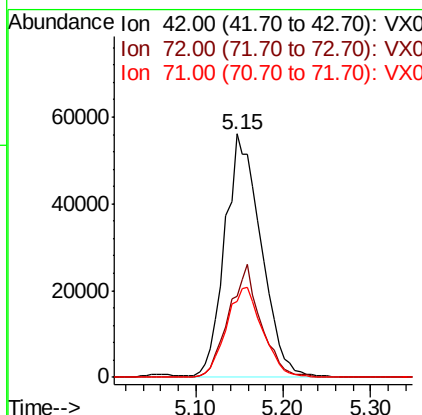
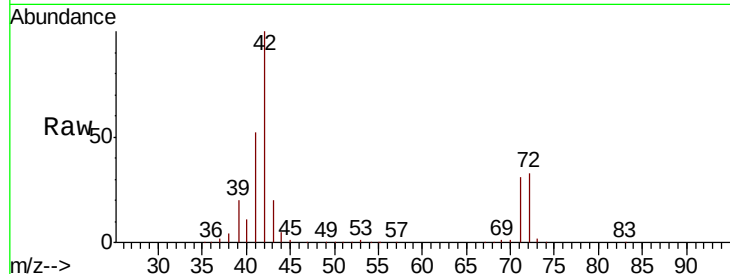
#29
Tetrahydrofuran
Concen: 254.177 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	32.0	48.0
71	37.5	29.8	44.8

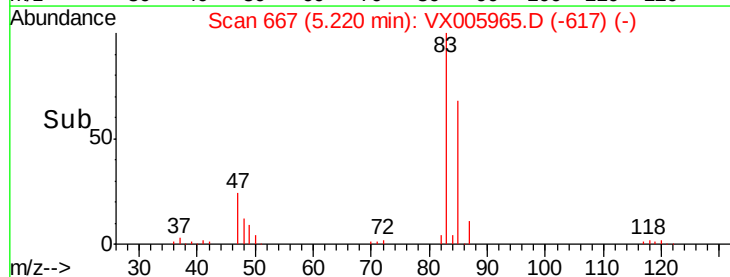
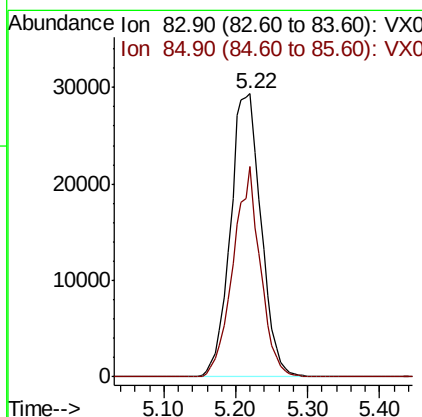
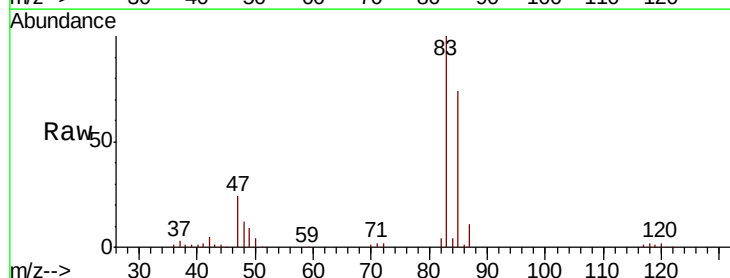
Manual Integrations
APPROVED

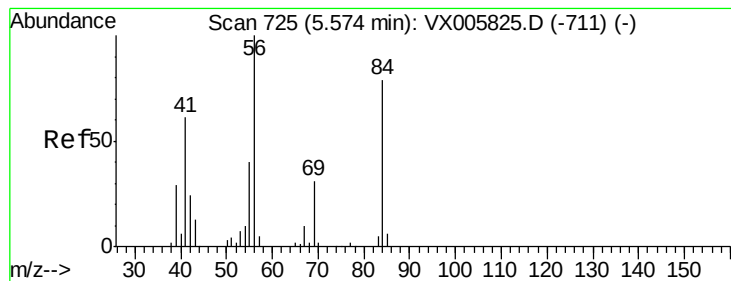
MMDadoda
11/14/2018 9:51:37 AM



#30
Chloroform
Concen: 48.466 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	74.2	50.6	76.0





#31

Cyclohexane

Concen: 50.150 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

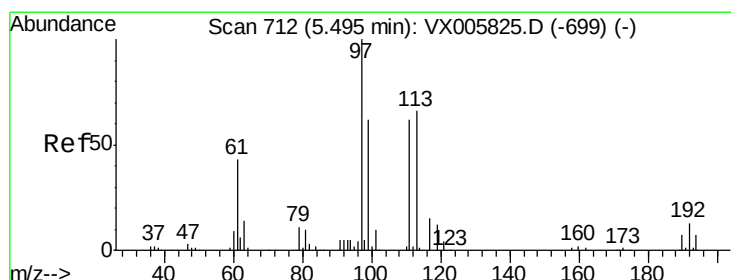
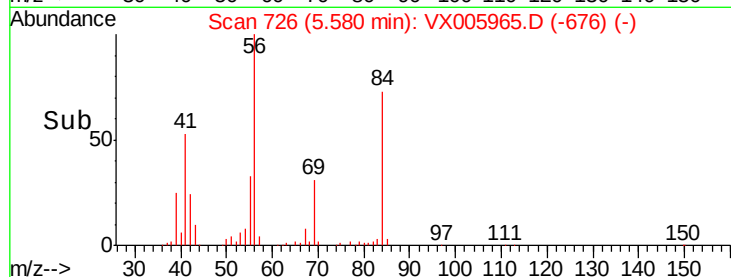
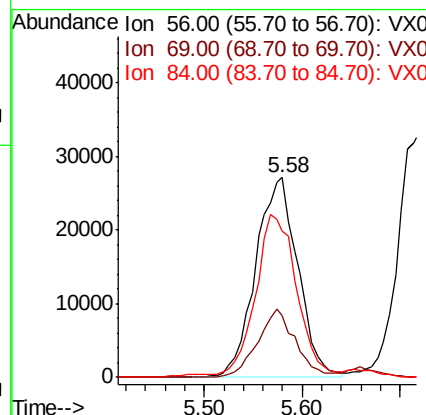
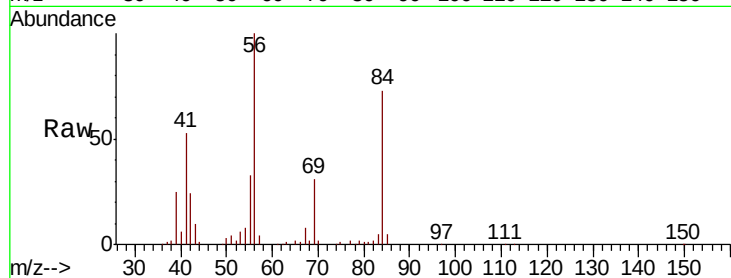
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	81241
Ion Ratio	Lower	Upper	
56	100		
69	30.9	22.6	34.0
84	71.2	62.7	94.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 53.228 ug/l

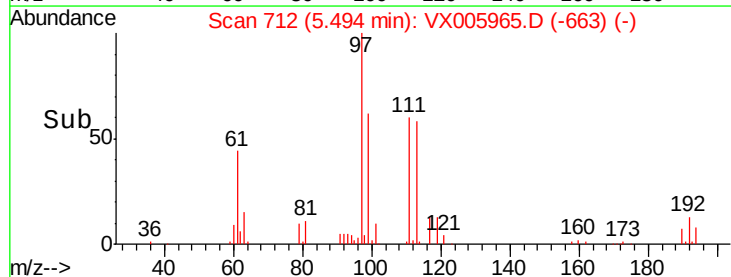
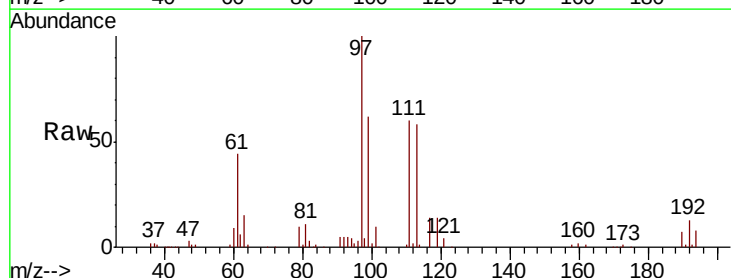
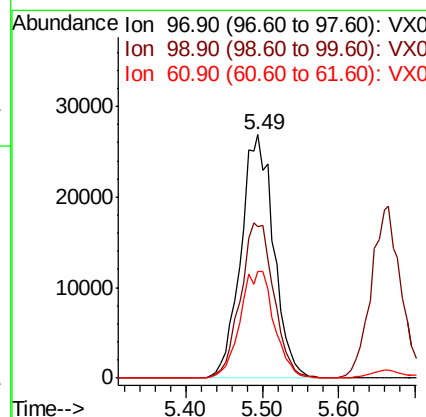
RT: 5.49 min Scan# 712

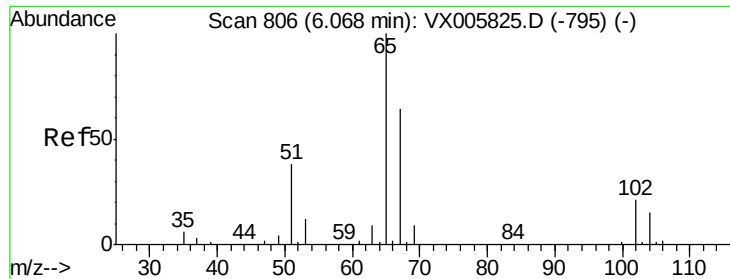
Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Tgt Ion:	97	Resp:	79937
Ion Ratio	Lower	Upper	
97	100		
99	64.6	52.3	78.5
61	45.6	35.2	52.8





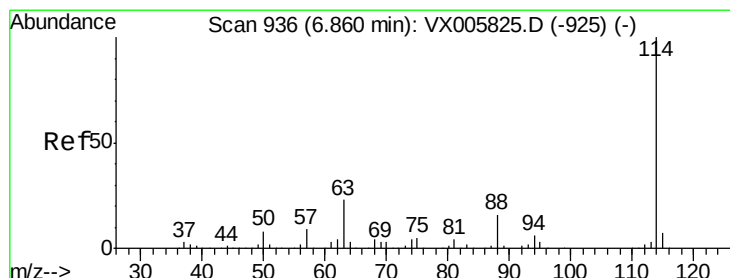
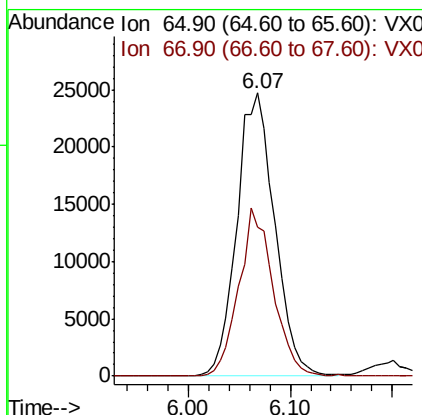
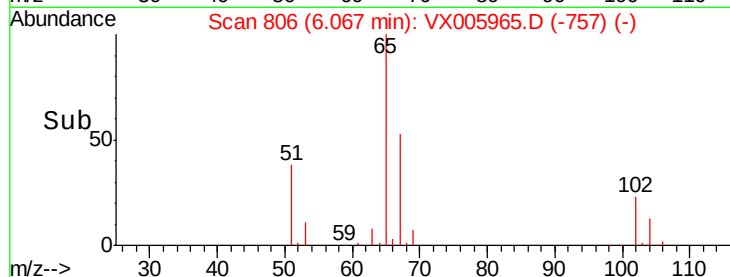
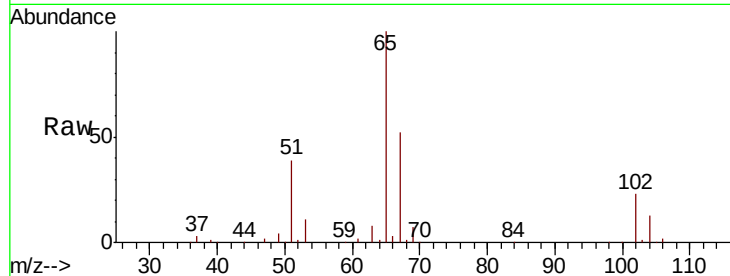
#33
 1,2-Dichloroethane-d4
 Concen: 54.729 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 63642
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 105.0

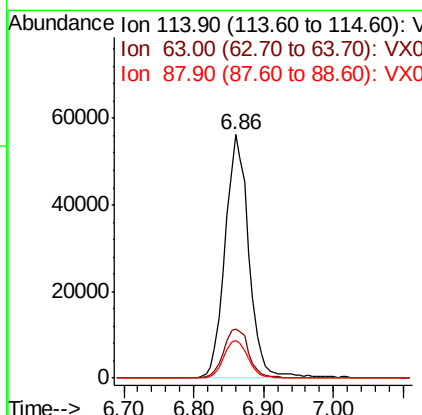
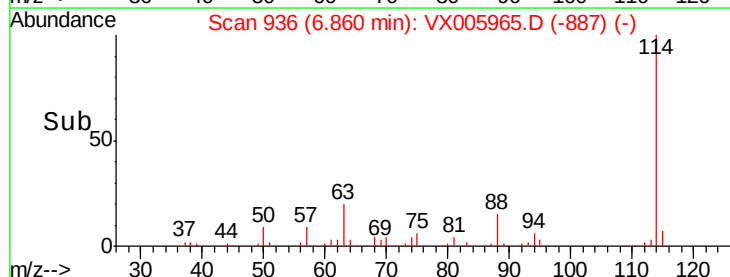
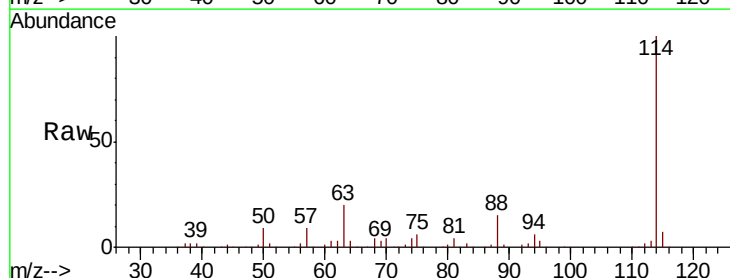
Manual Integrations
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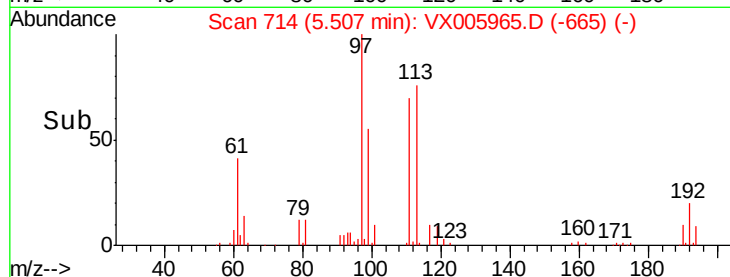
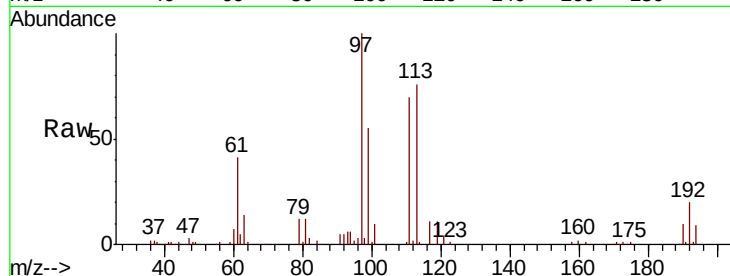
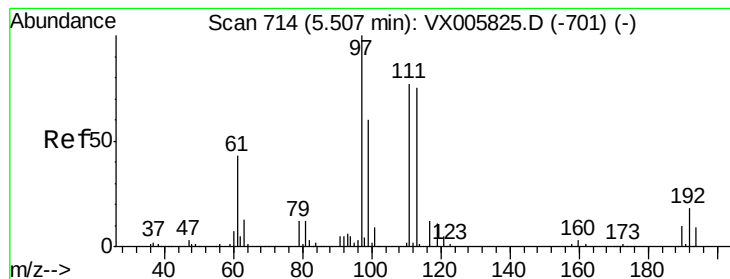
MMDadoda
 11/14/2018 9:51:37 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Tgt Ion: 114 Resp: 133144
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.8
 88 15.2 0.0 31.2





#35

Dibromofluoromethane

Concen: 53.902 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Tot Ion:	113	Resp:	48813
Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.3	123.5
192	24.8	17.9	26.9

Instrument :

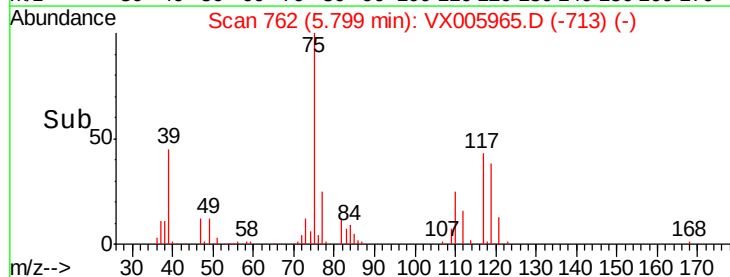
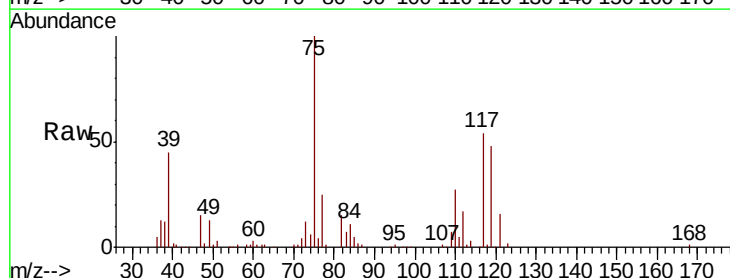
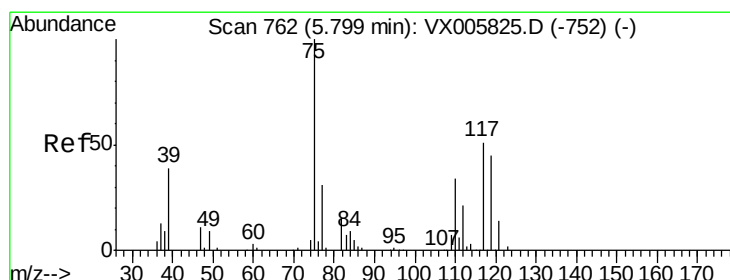
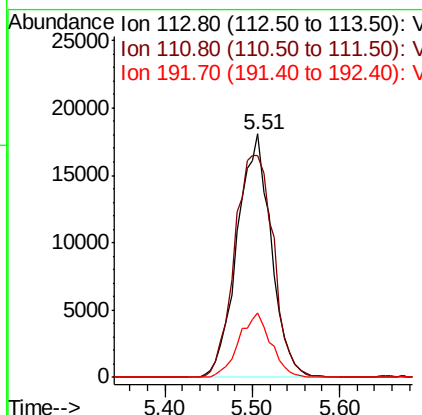
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Manual Integrations
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11/14/2018 9:51:37 AM



#36

1,1-Dichloropropene

Concen: 51.561 ug/l

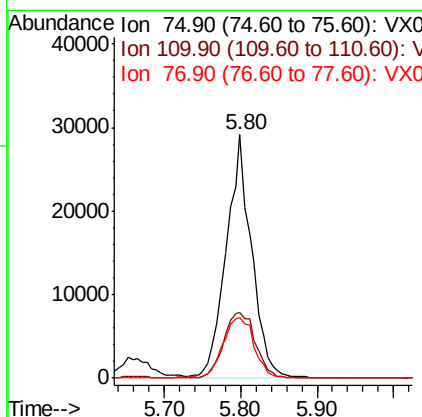
RT: 5.80 min Scan# 762

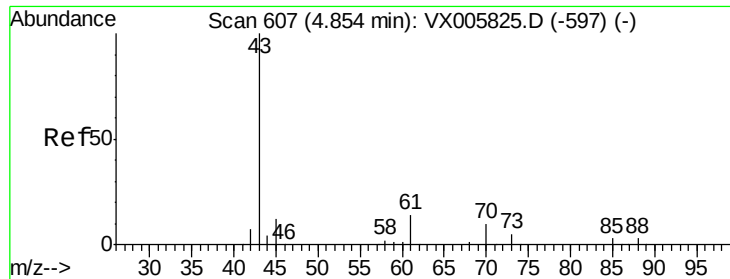
Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Tgt Ion:	75	Resp:	66181
Ion	Ratio	Lower	Upper
75	100		
110	34.0	17.4	52.2
77	31.4	25.8	38.6





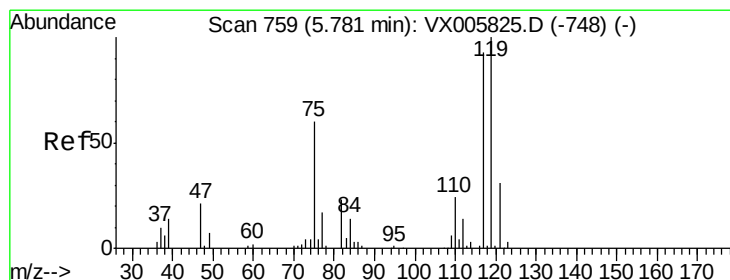
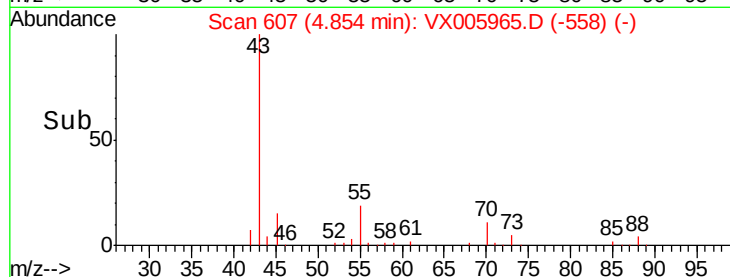
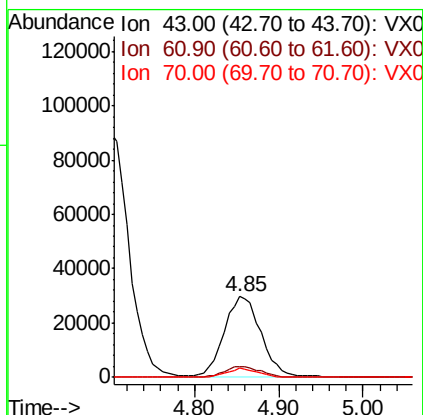
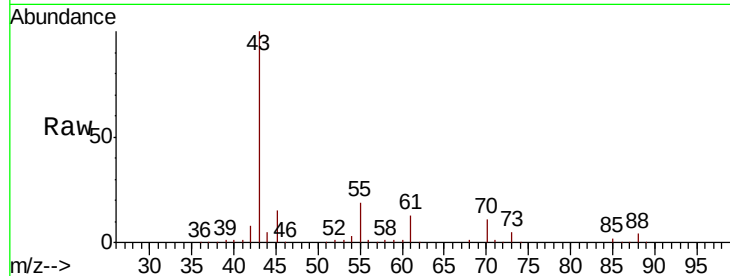
#37
Ethyl Acetate
Concen: 52.148 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.8	16.2
70	9.5	7.8	11.8

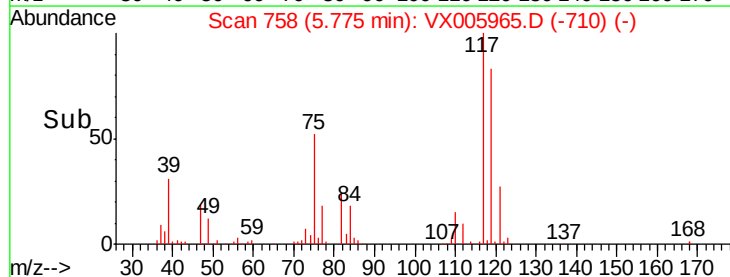
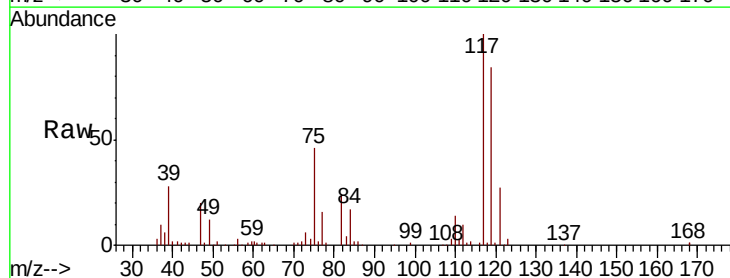
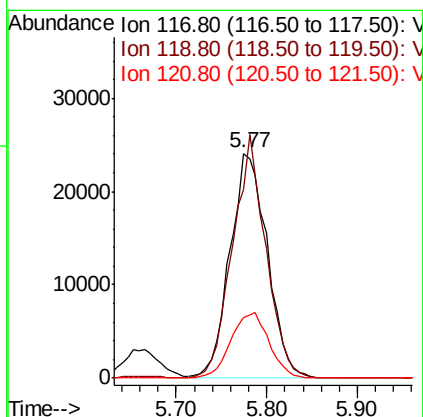
Manual Integrations
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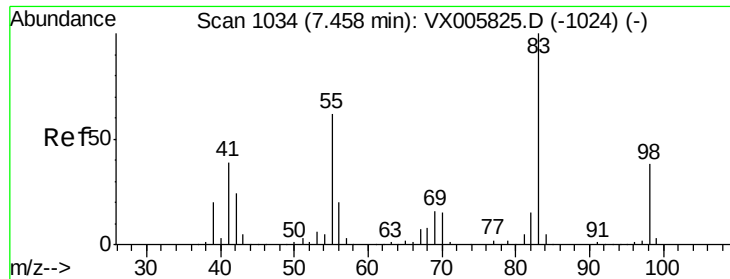
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#38
Carbon Tetrachloride
Concen: 53.613 ug/l
RT: 5.77 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	84.2	78.1	117.1
121	27.1	24.6	36.8





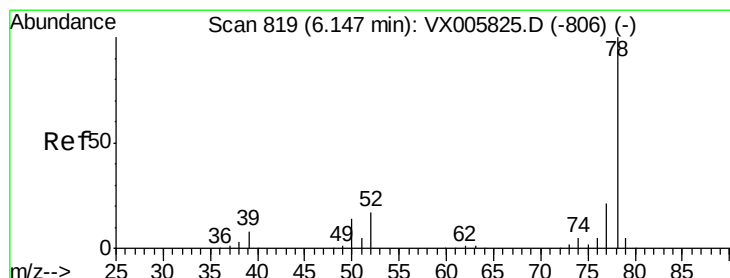
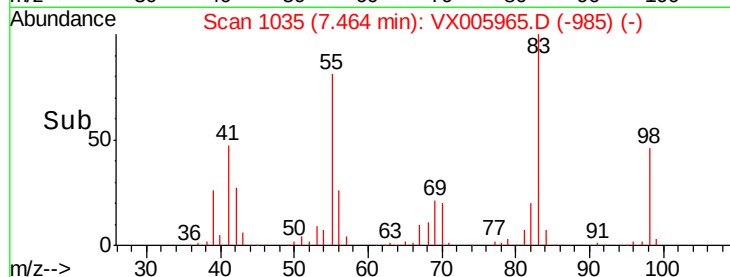
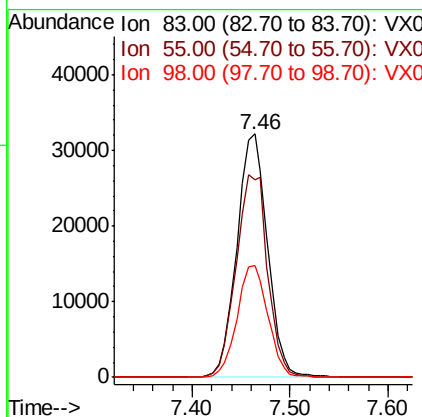
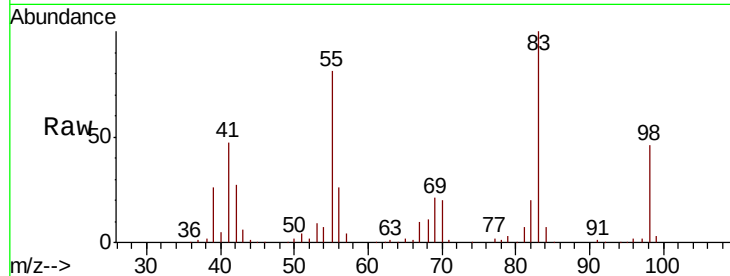
#39
Methylvlcyclohexane
Concen: 54.002 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.0	63.7	95.5
98	45.8	36.2	54.2

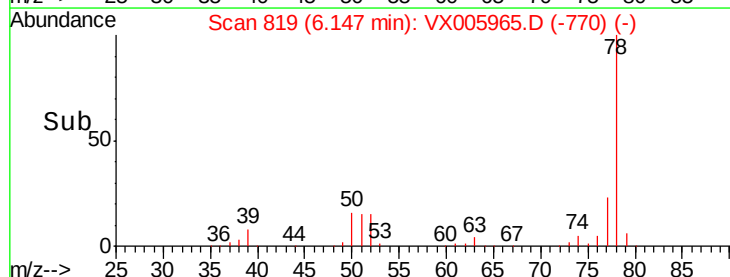
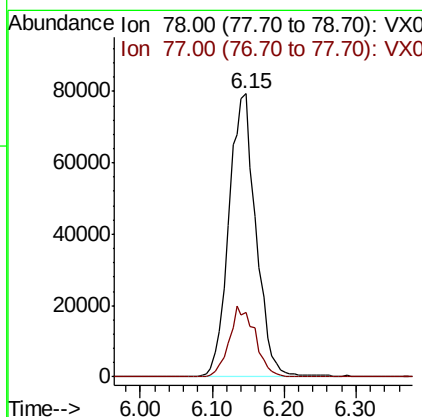
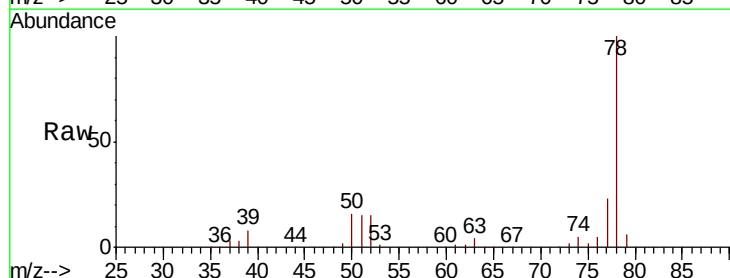
Manual Integrations
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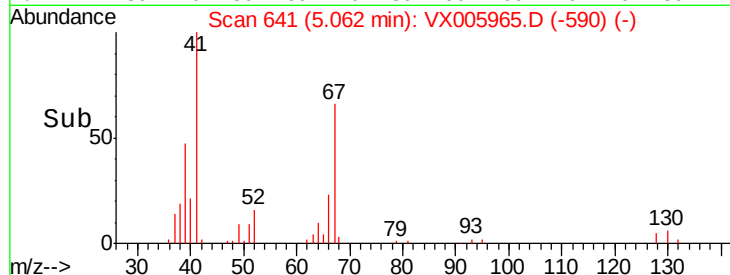
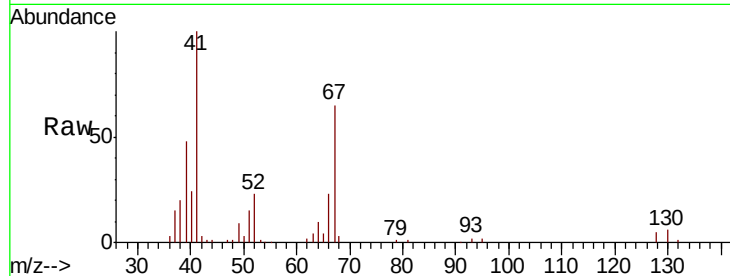
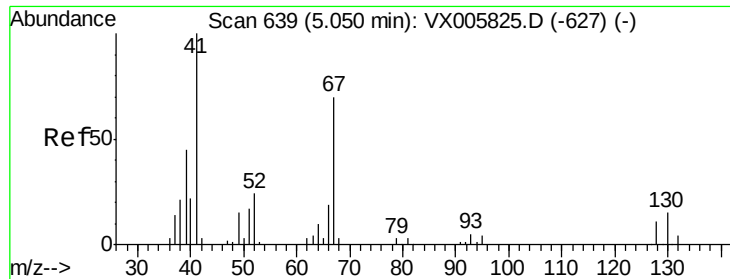
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#40
Benzene
Concen: 55.413 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.4	27.6





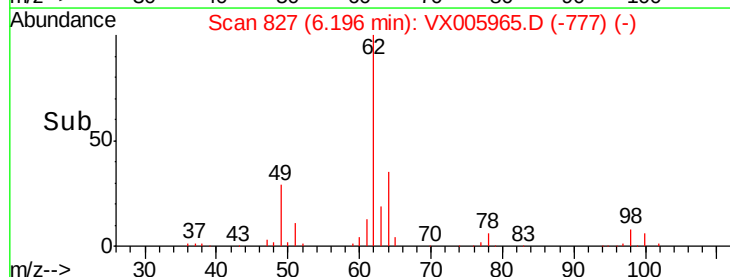
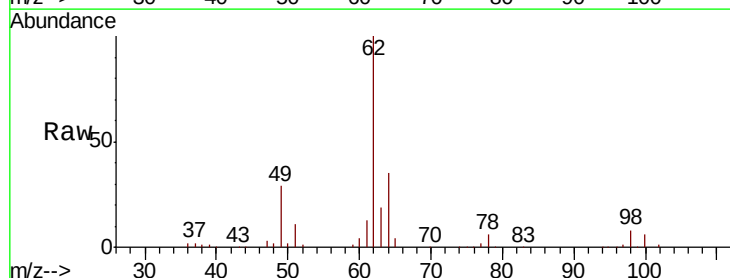
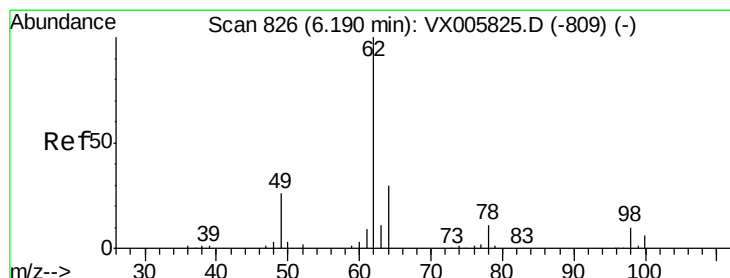
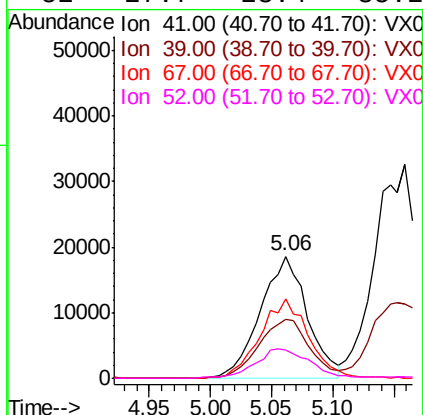
#41
Methacrylonitrile
Concen: 54.424 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.3	42.2	63.2	
67	67.8	53.4	80.0	
52	27.7	23.4	35.2	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

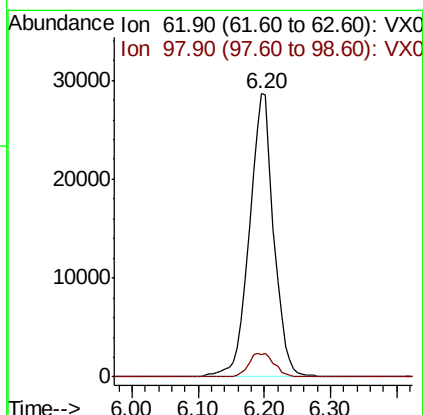
Manual Integrations
APPROVED

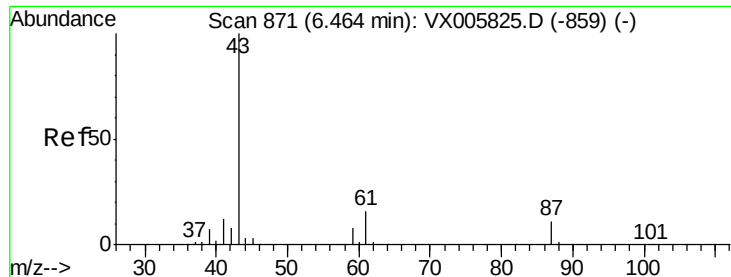
MMDadoda
11/14/2018 9:51:37 AM



#42
1,2-Dichloroethane
Concen: 54.927 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.8	0.0	17.8	





#43

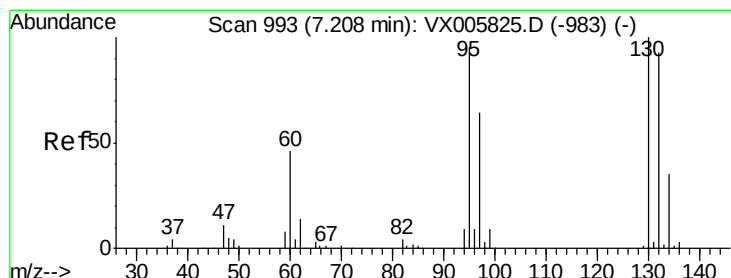
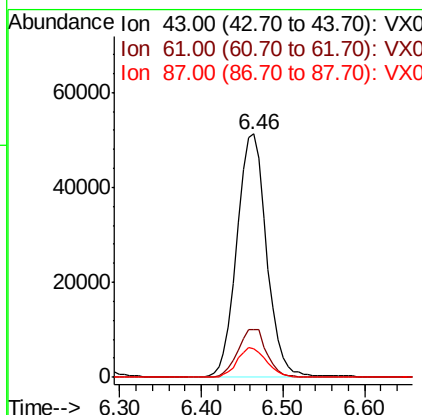
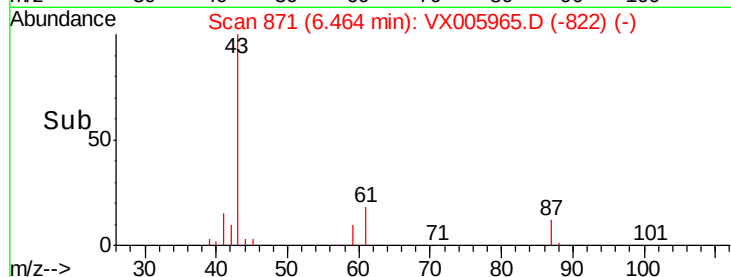
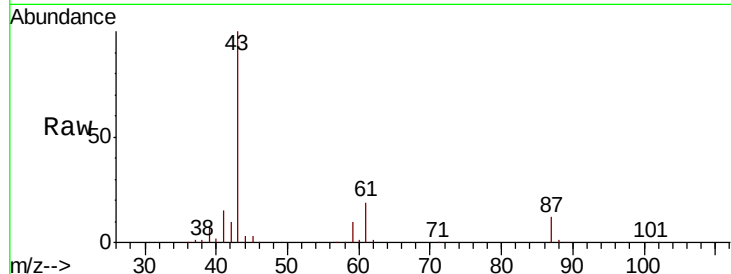
Isopropyl Acetate
 Concen: 52.913 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	Resp	129413
Ion Ratio	Lower	Upper	
43	100		
61	19.4	14.6	22.0
87	12.1	9.6	14.4

Manual Integrations
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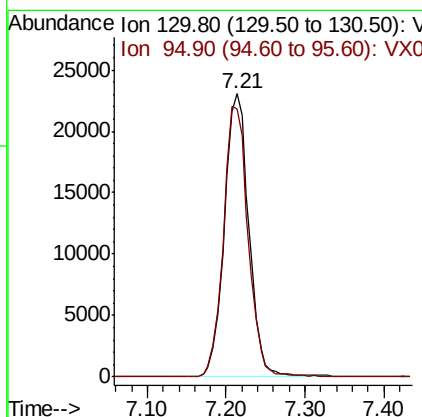
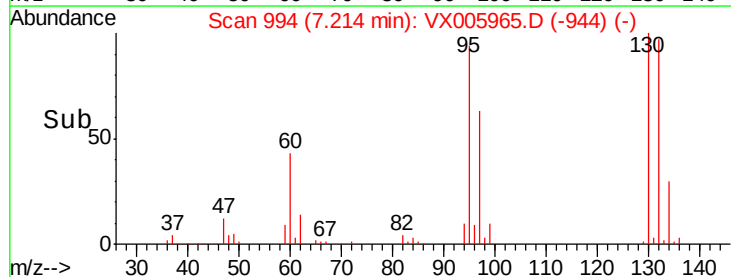
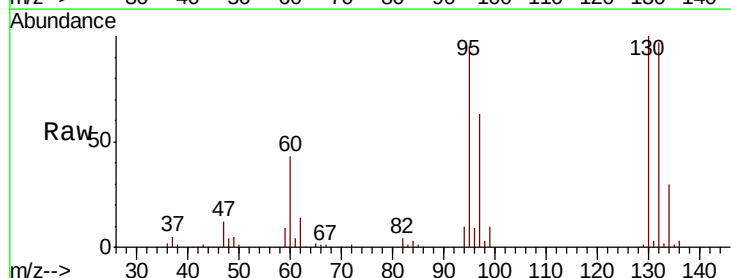
MMDadoda
 11/14/2018 9:51:37 AM

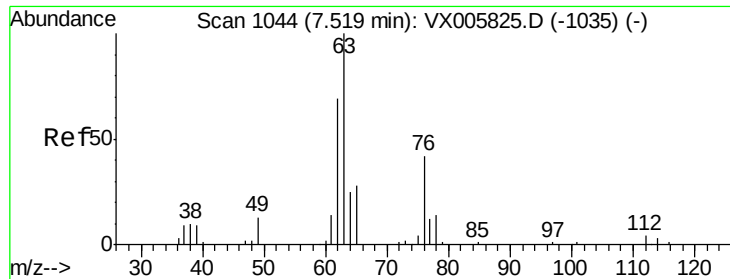


#44

Trichloroethene
 Concen: 52.532 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Tgt Ion	130	Resp	49919
Ion Ratio	Lower	Upper	
130	100		
95	94.6	0.0	194.2





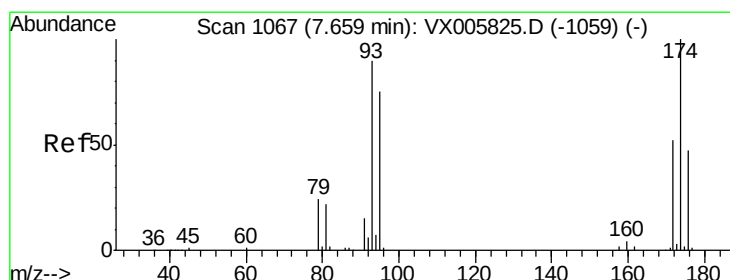
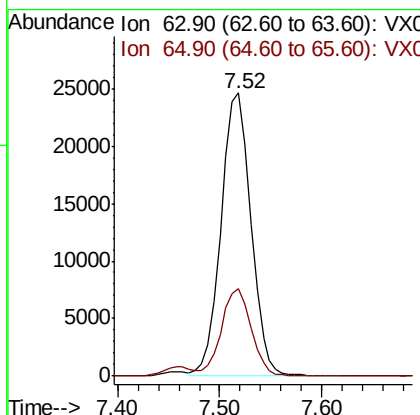
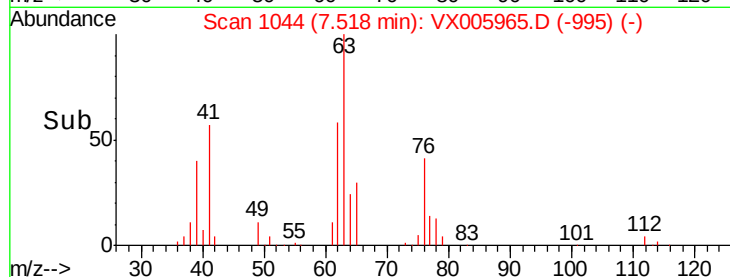
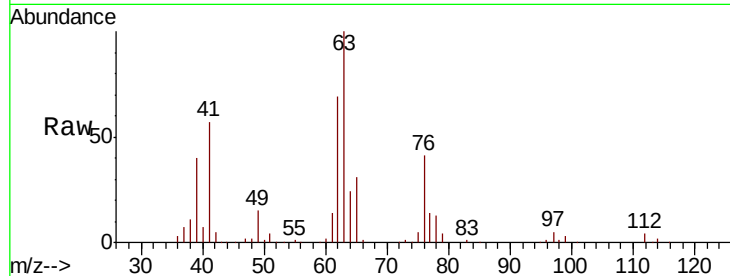
#45
 1,2-Dichloropropane
 Concen: 55.420 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 50333
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.8 37.2

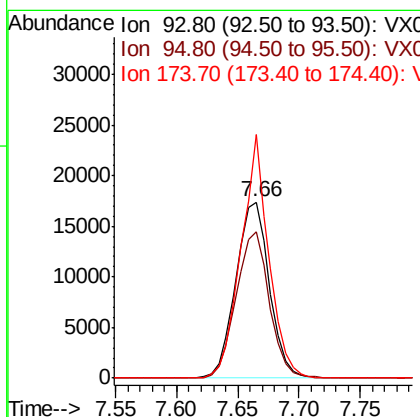
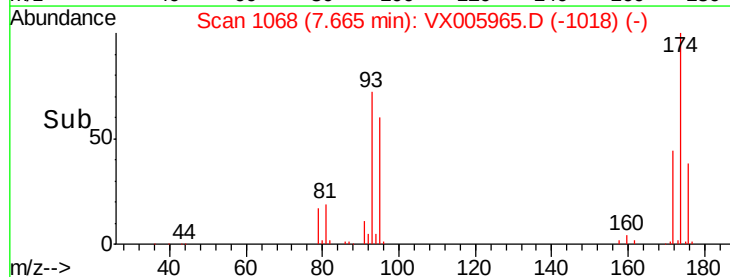
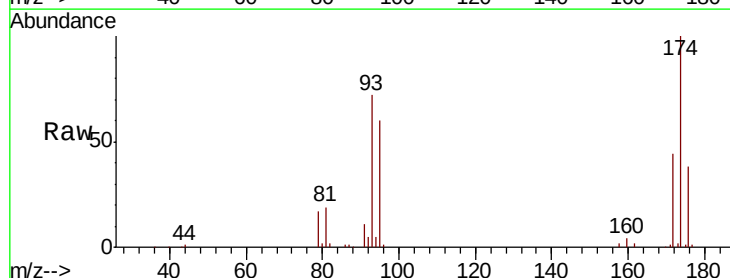
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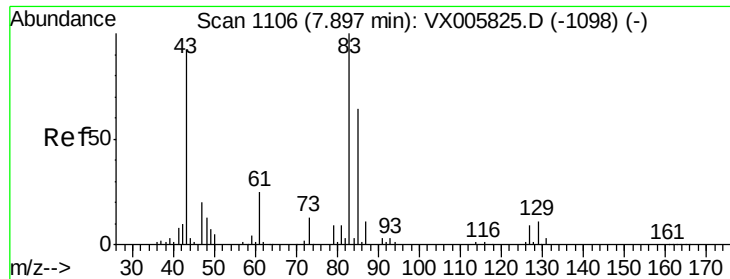
MMDadoda
 11/14/2018 9:51:37 AM



#46
 Dibromomethane
 Concen: 57.850 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Tgt Ion: 93 Resp: 32969
 Ion Ratio Lower Upper
 93 100
 95 82.2 67.4 101.0
 174 114.8 91.5 137.3





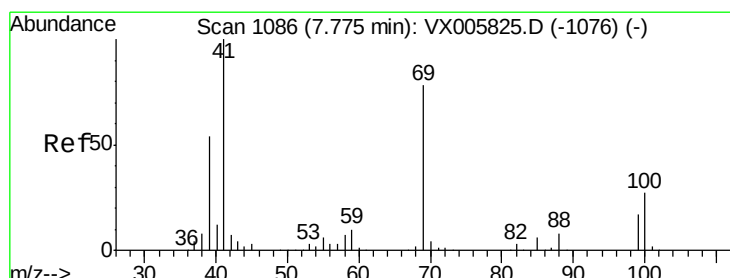
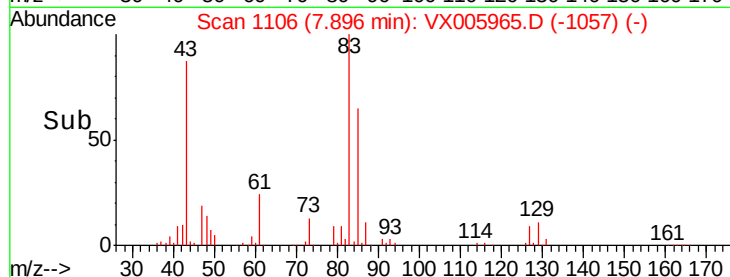
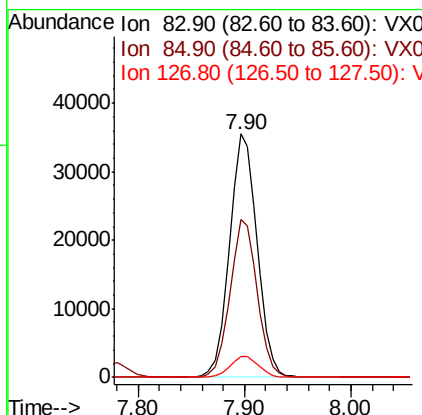
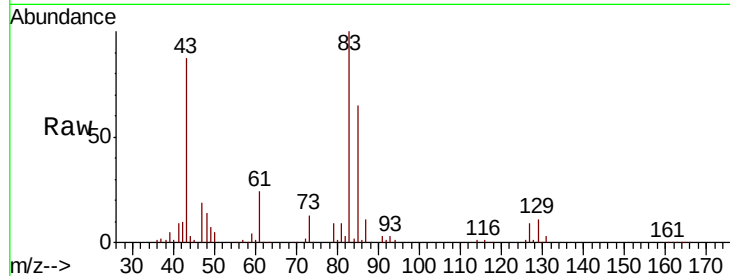
#47
Bromodichloromethane
Concen: 59.856 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.2	75.4
127	8.7	6.9	10.3

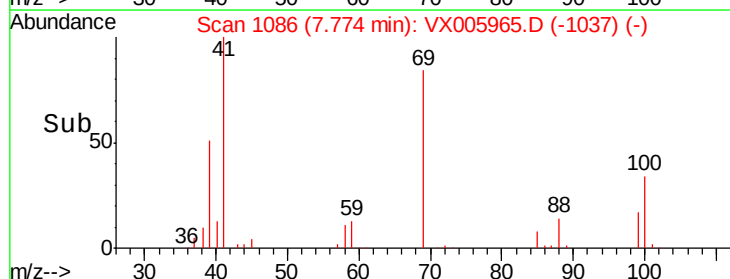
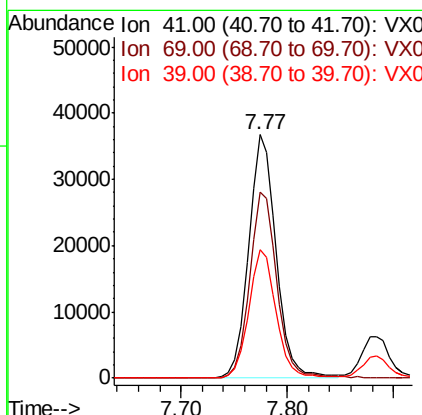
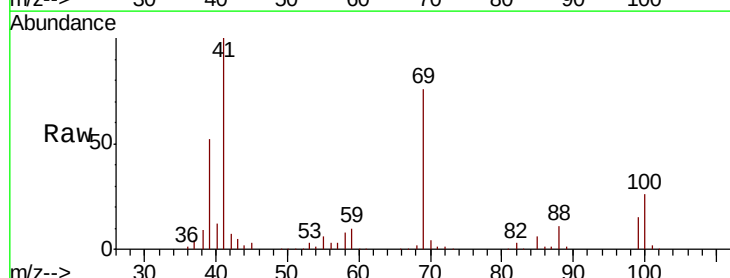
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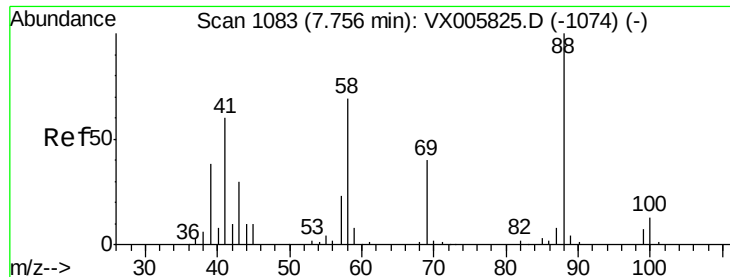
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11/14/2018 9:51:37 AM



#48
Methyl methacrylate
Concen: 60.508 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Tgt Ion	Ratio	Lower	Upper
41	100		
69	76.2	63.2	94.8
39	52.8	42.2	63.2





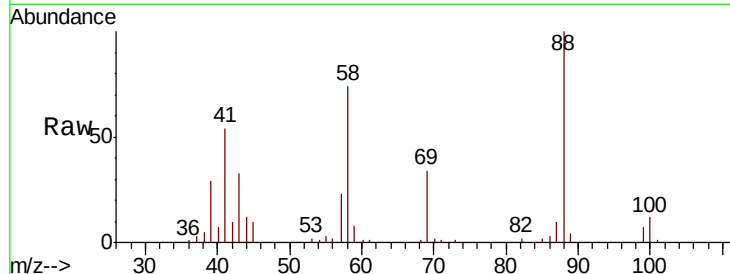
#49
1,4-Dioxane
Concen: 1180.292 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.6	27.4	41.0
58	76.2	59.4	89.2

Manual Integrations
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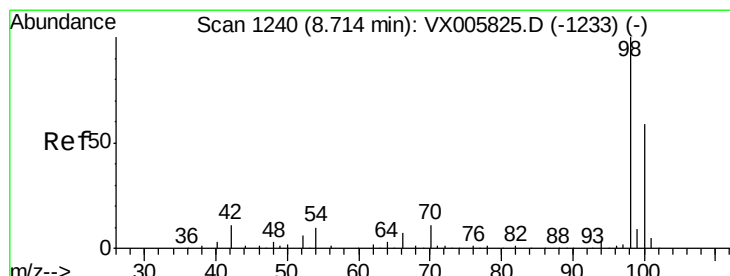
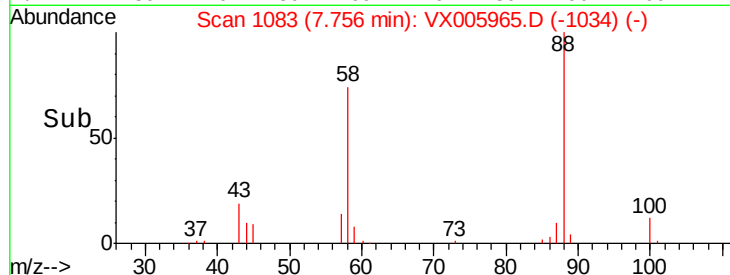
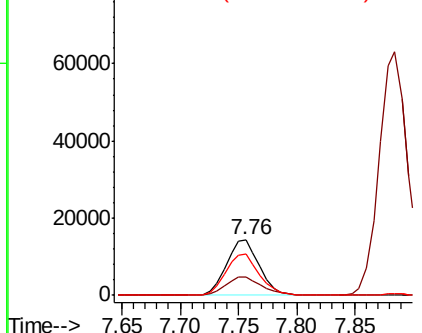


Abundance

Ion 88.00 (87.70 to 88.70): VX0

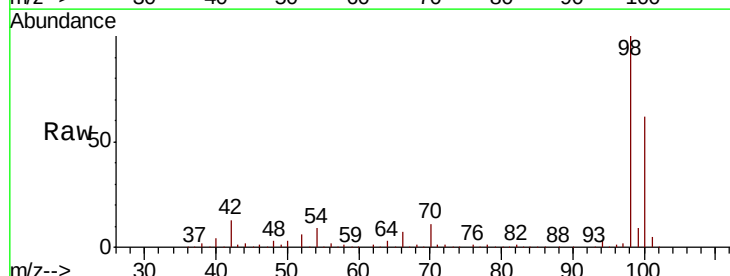
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 57.476 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

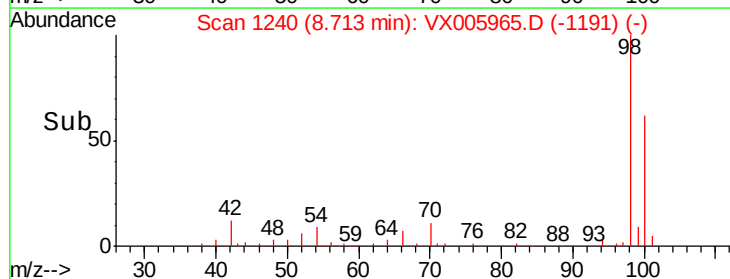
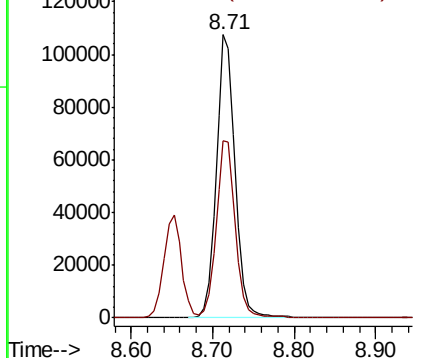
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.3	76.9

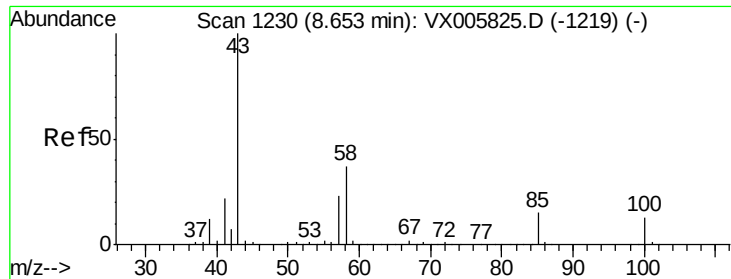


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 294.080 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 453300

Ion Ratio Lower Upper

43 100

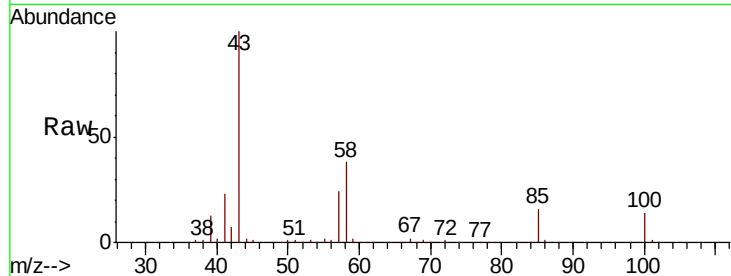
58 37.0 29.7 44.5

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

300000

200000

100000

0

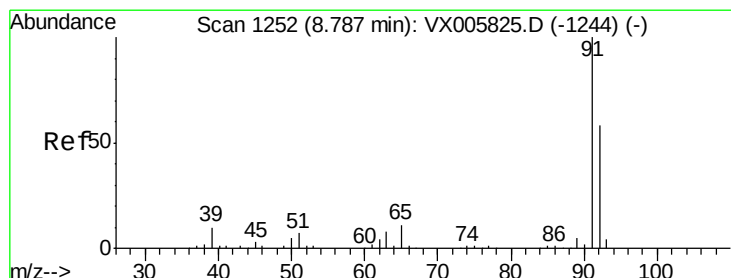
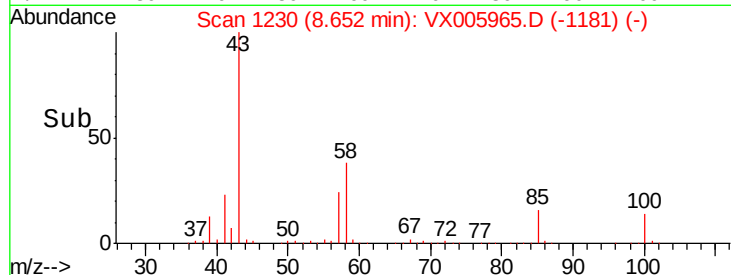
8.65

8.60

8.70

8.80

Time-->



#52

Toluene

Concen: 57.346 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005965.D

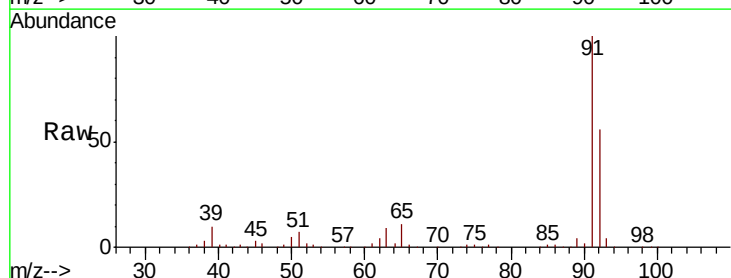
Acq: 13 Nov 2018 22:34

Tgt Ion: 92 Resp: 119925

Ion Ratio Lower Upper

92 100

91 172.2 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

150000

100000

50000

0

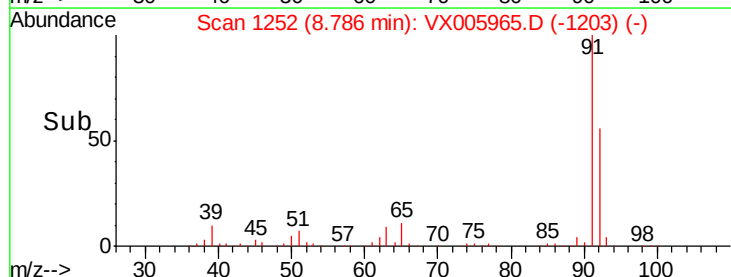
8.79

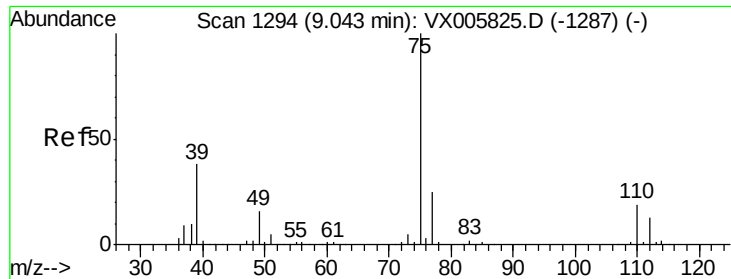
8.70

8.80

8.90

Time-->





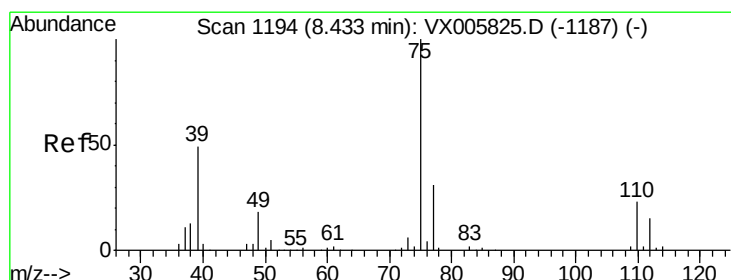
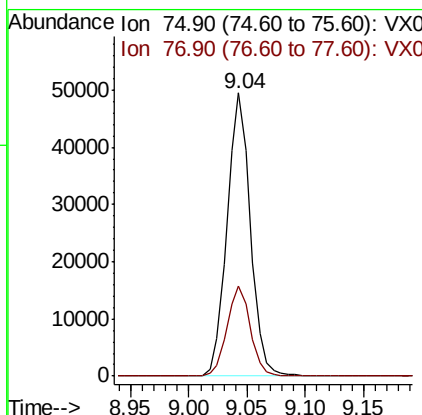
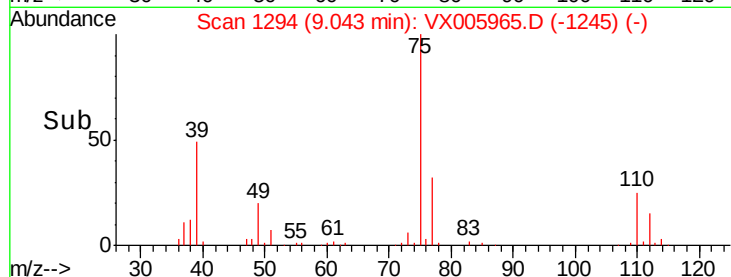
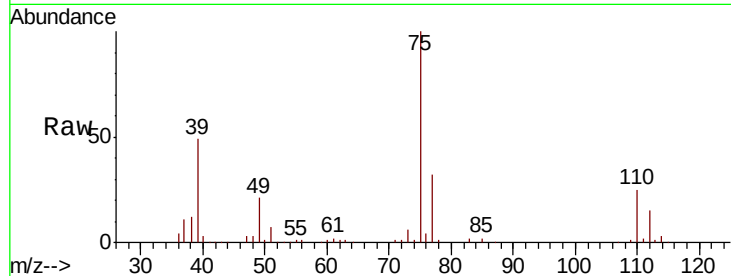
#53
t-1,3-Dichloropropene
Concen: 54.129 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 68799
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2

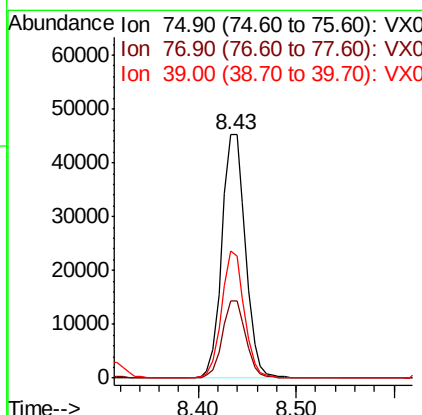
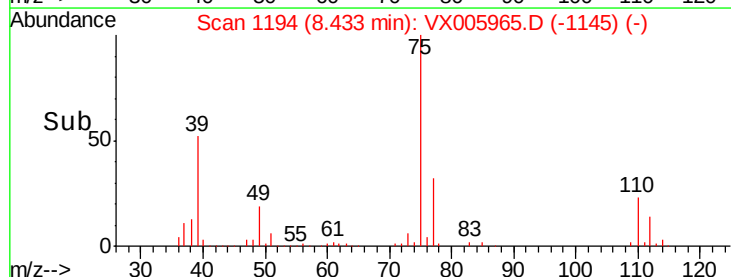
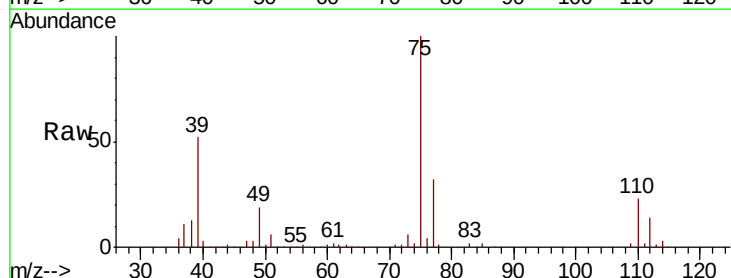
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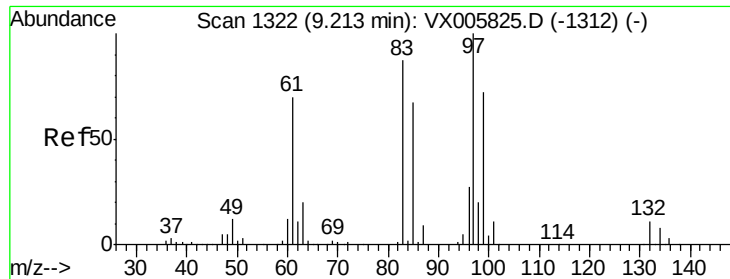
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#54
cis-1,3-Dichloropropene
Concen: 58.537 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Tgt Ion: 75 Resp: 75834
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8
39 52.1 38.2 57.2





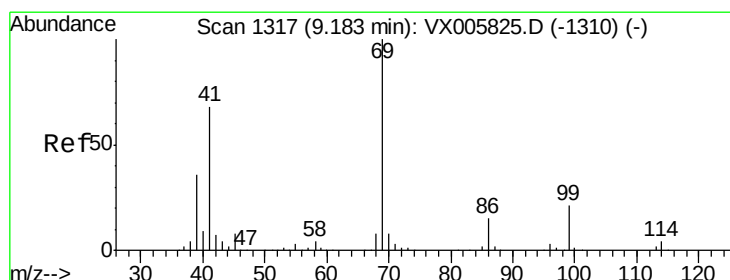
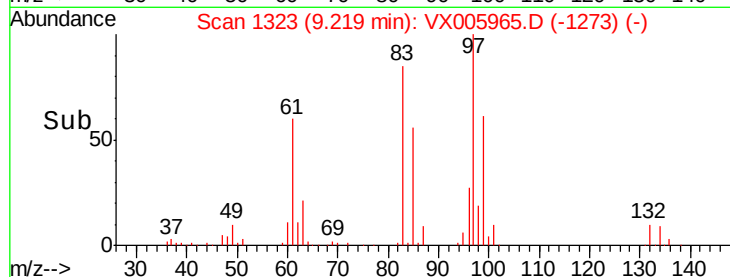
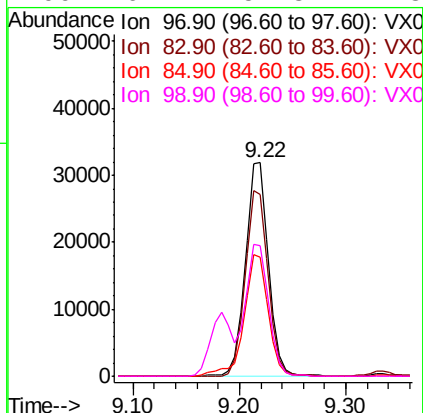
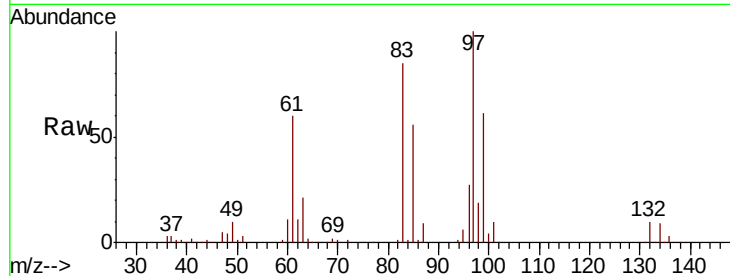
#55
 1,1,2-Trichloroethane
 Concen: 51.995 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	85.4	70.7	106.1	
85	56.0	45.8	68.6	
99	61.1	51.8	77.8	

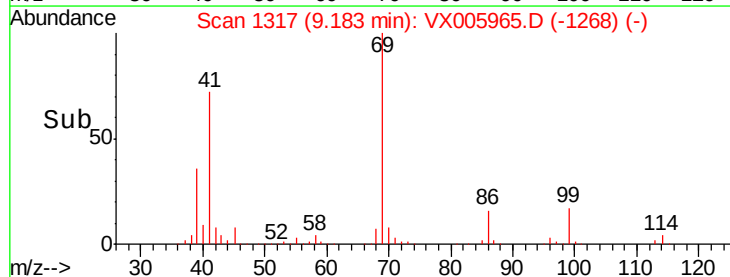
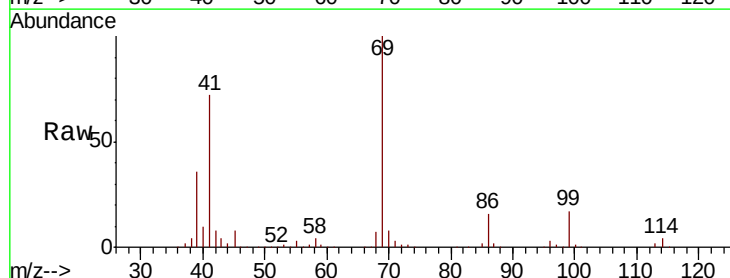
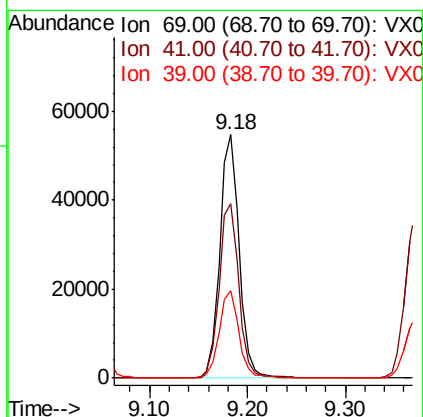
Manual Integrations
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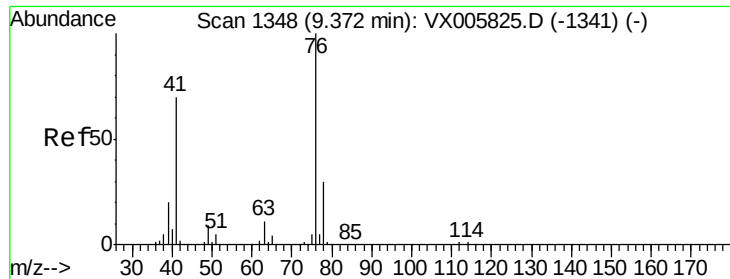
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#56
 Ethyl methacrylate
 Concen: 53.613 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	73.7	57.0	85.6	
39	36.6	28.3	42.5	





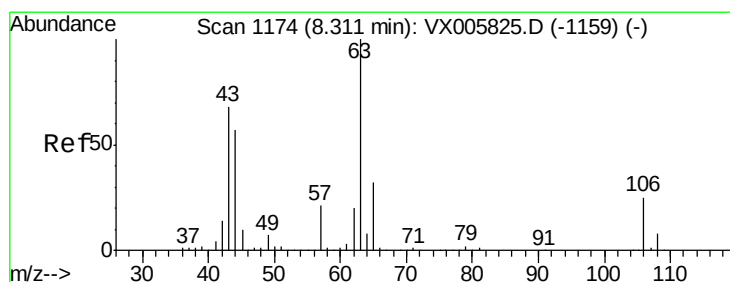
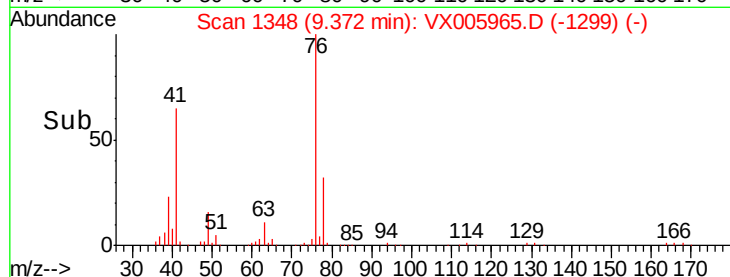
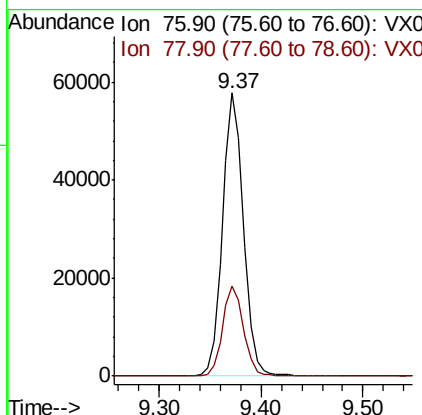
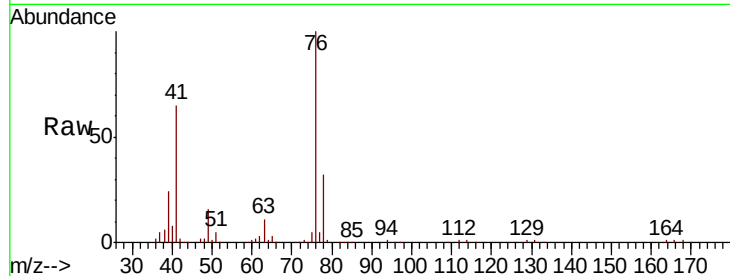
#57
 1,3-Dichloropropane
 Concen: 52.486 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 82206
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.3 37.9

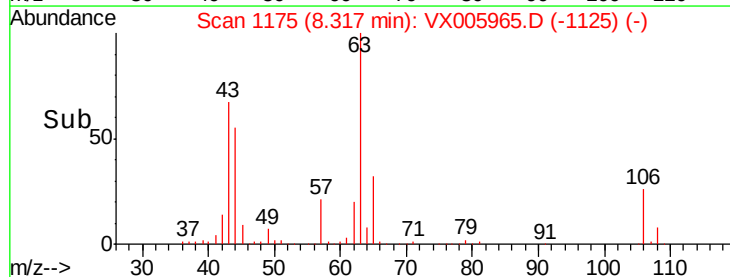
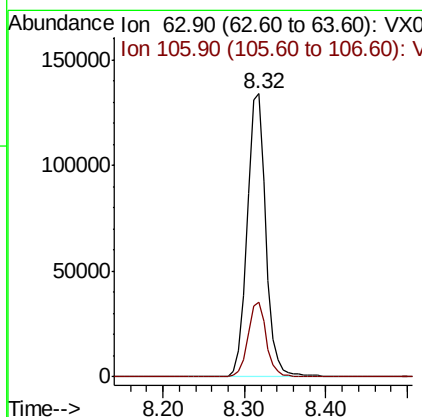
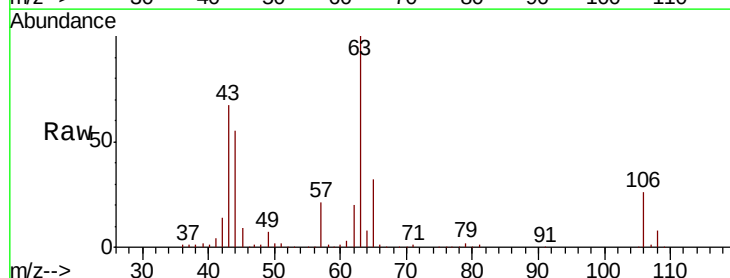
Manual Integrations
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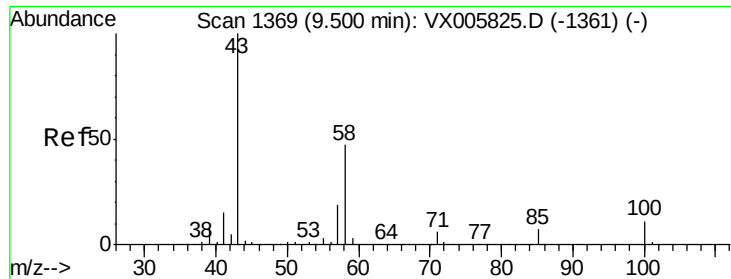
MMDadoda
 11/14/2018 9:51:37 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 279.862 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Tgt Ion: 63 Resp: 213441
 Ion Ratio Lower Upper
 63 100
 106 26.0 21.3 31.9





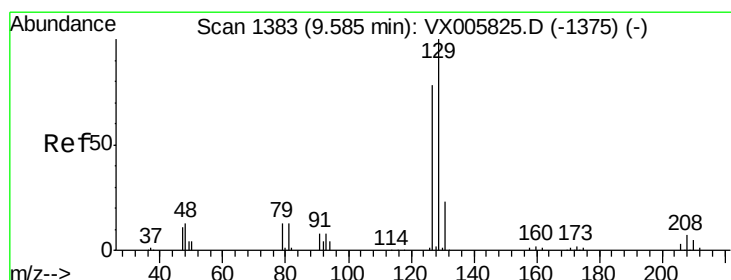
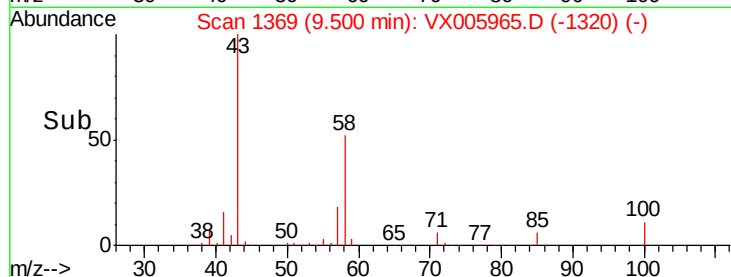
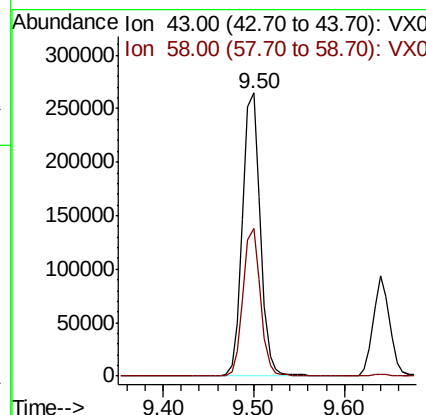
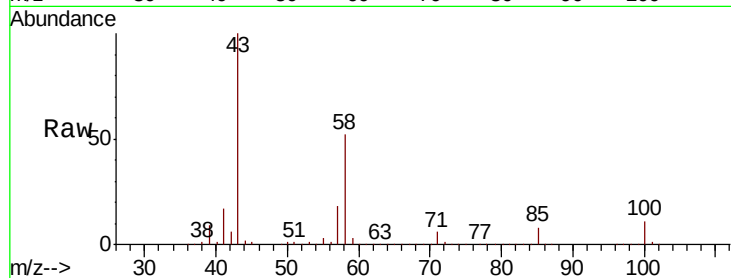
#59
2-Hexanone
Concen: 267.501 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 363451
Ion Ratio Lower Upper
43 100
58 51.3 25.9 77.8

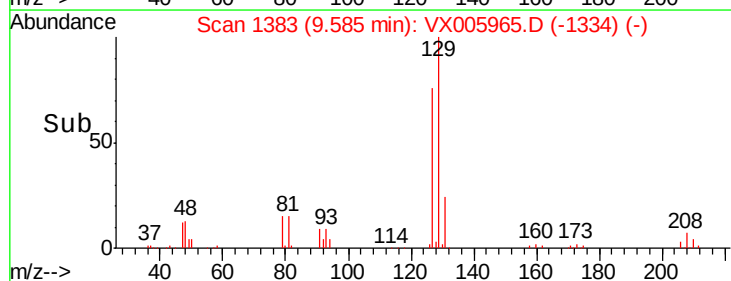
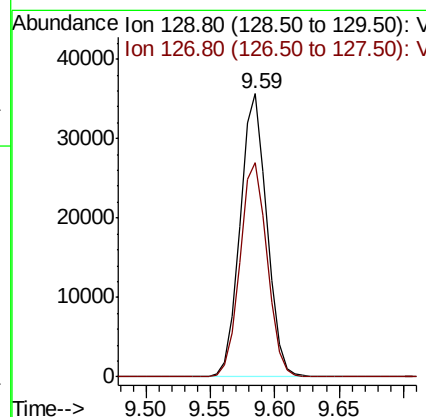
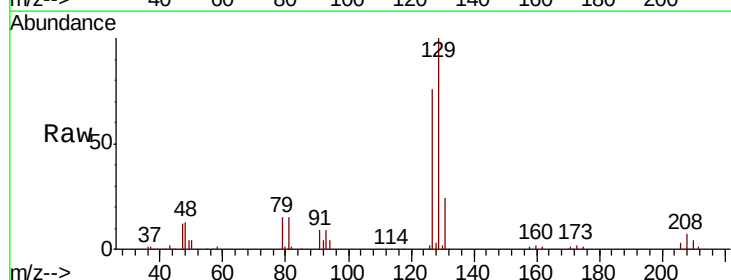
Manual Integrations
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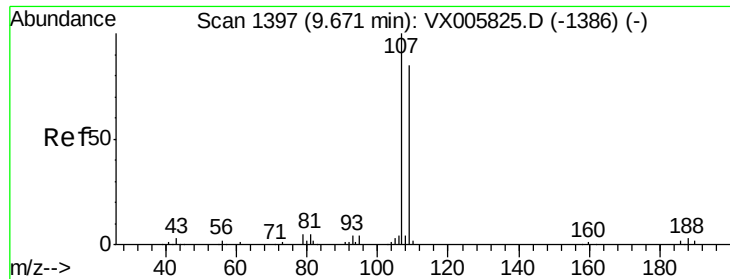
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11/14/2018 9:51:37 AM



#60
Dibromochloromethane
Concen: 50.974 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Tgt Ion: 129 Resp: 51345
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.7





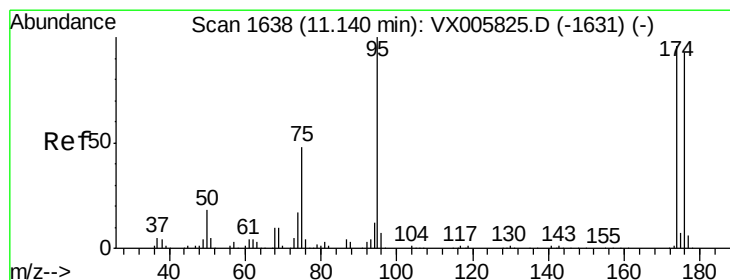
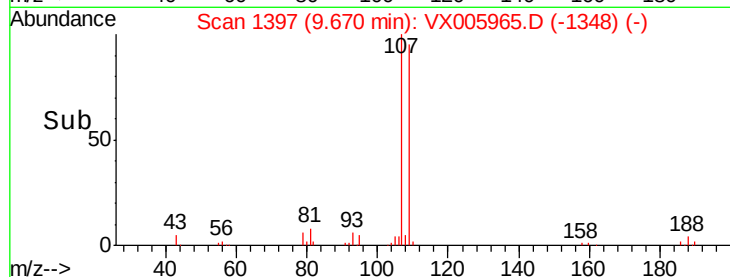
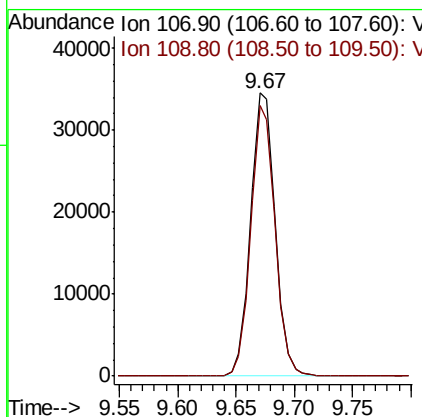
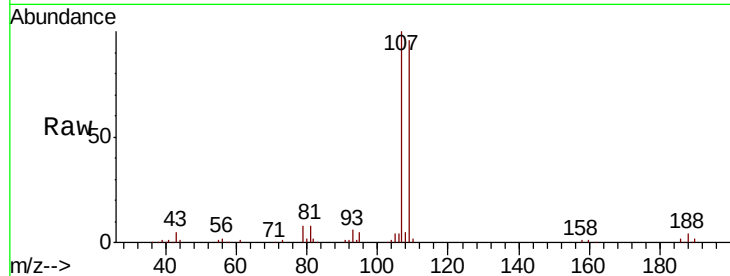
#61
 1,2-Dibromoethane
 Concen: 49.285 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:107 Resp: 50793
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.7 113.5

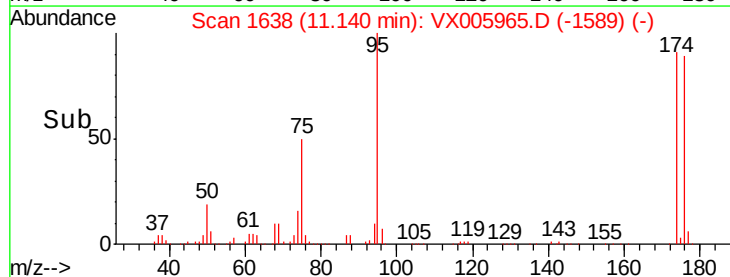
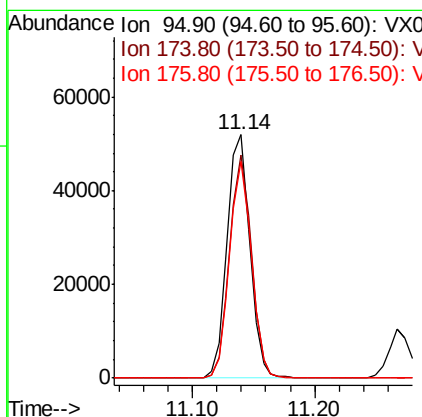
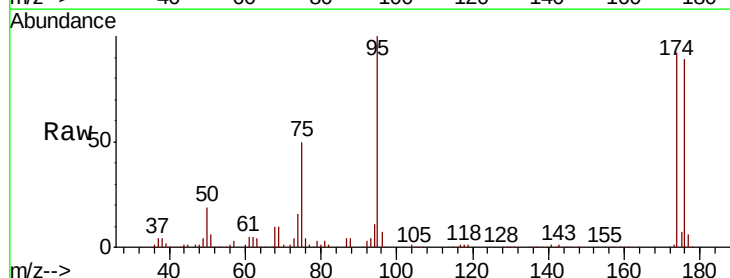
Manual Integrations
 APPROVED

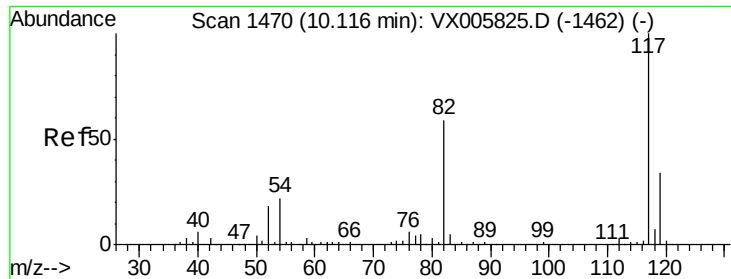
MMDadoda
 11/14/2018 9:51:37 AM



#62
 4-Bromofluorobenzene
 Concen: 61.674 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Tgt Ion: 95 Resp: 66759
 Ion Ratio Lower Upper
 95 100
 174 88.8 0.0 184.4
 176 85.8 0.0 177.4





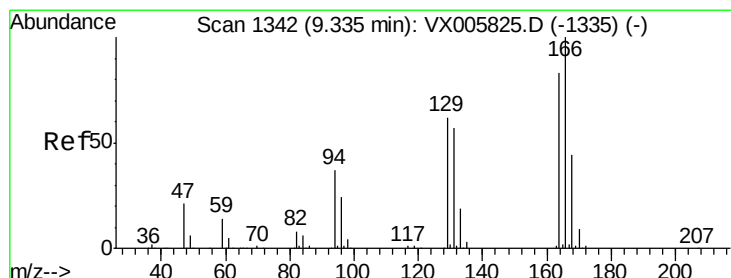
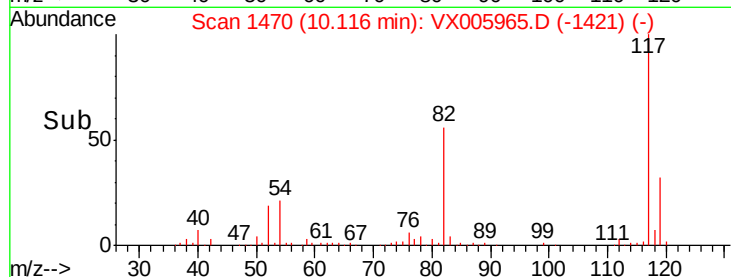
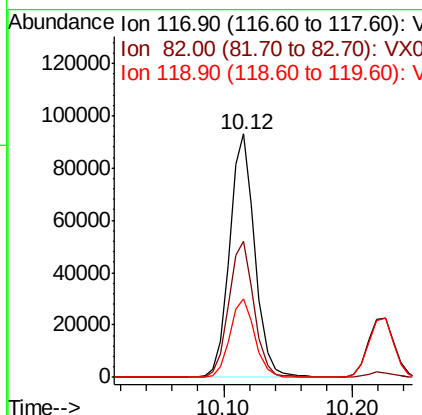
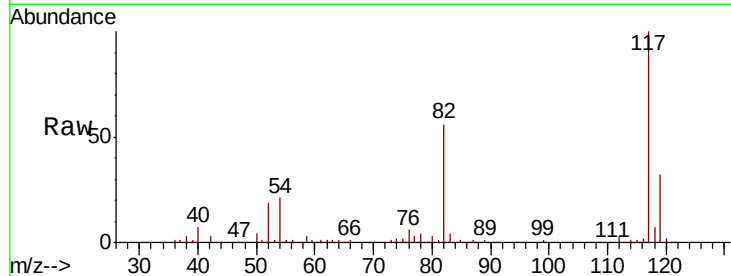
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.1	66.1
119	32.5	26.2	39.2

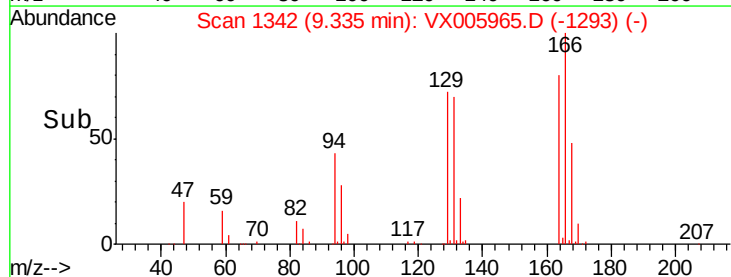
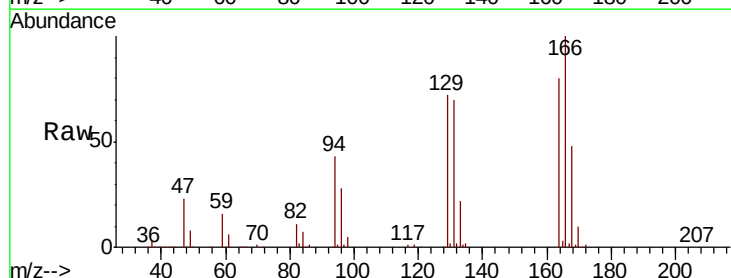
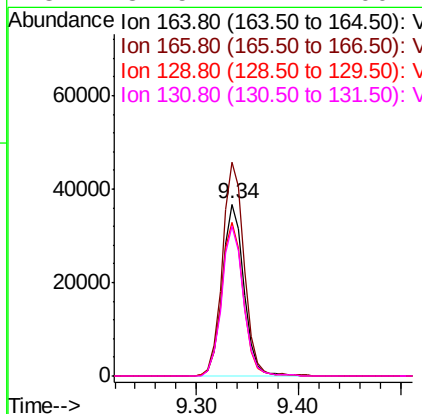
Manual Integrations
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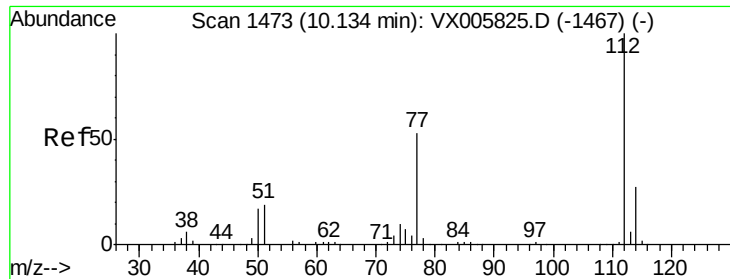
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#64
Tetrachloroethene
Concen: 49.730 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.5	101.9	152.9
129	89.6	72.6	109.0
131	87.5	71.1	106.7





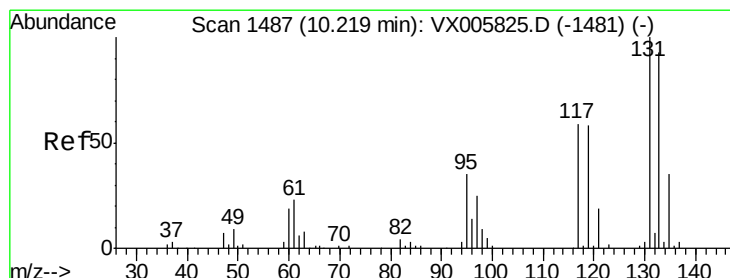
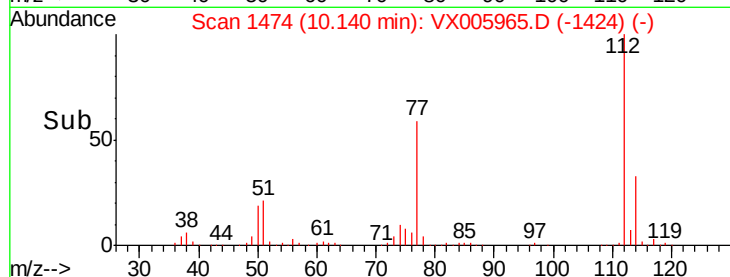
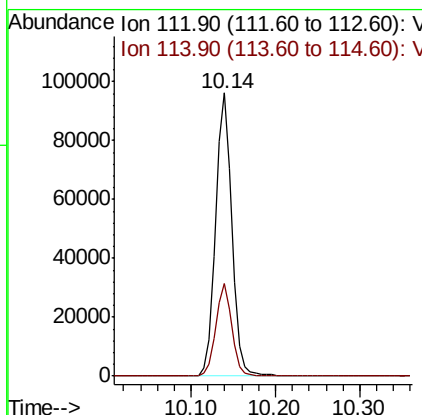
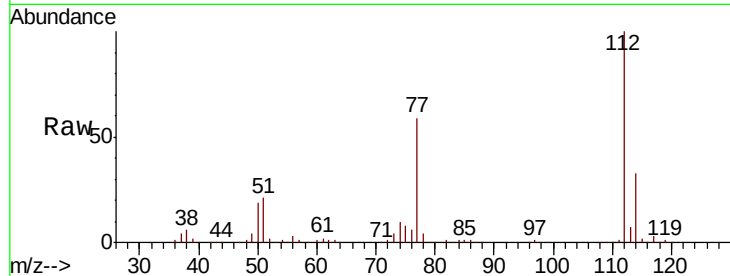
#65
Chlorobenzene
Concen: 50.683 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 128926
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.6

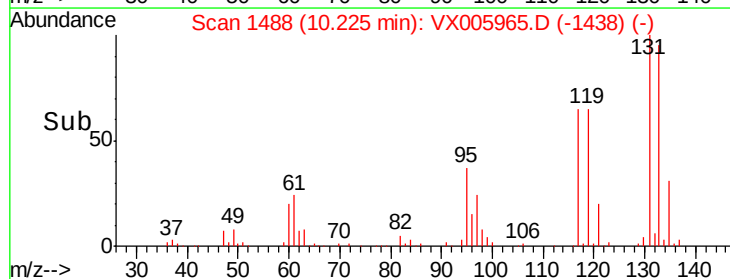
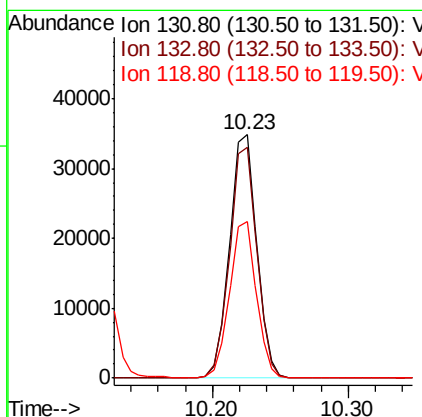
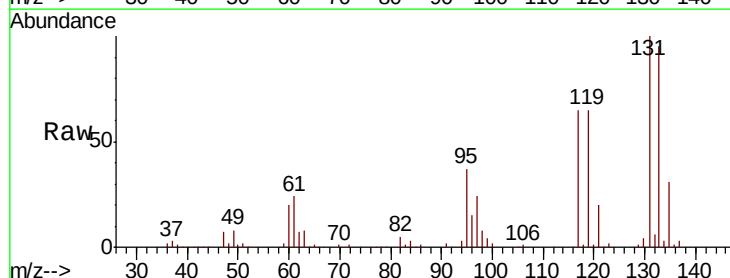
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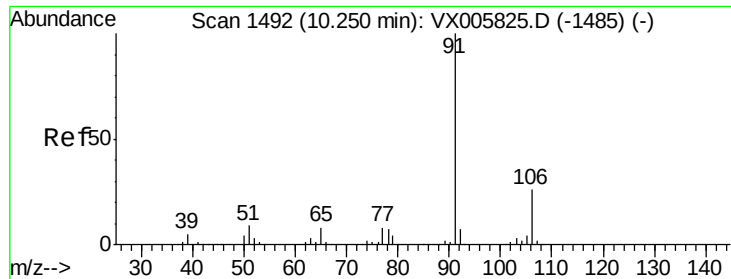
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.690 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Tgt Ion:131 Resp: 48365
Ion Ratio Lower Upper
131 100
133 94.9 47.5 142.5
119 63.7 31.8 95.3





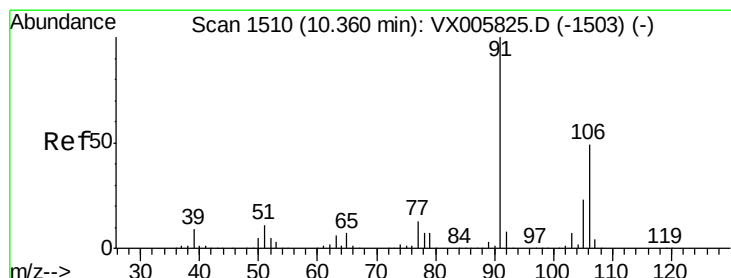
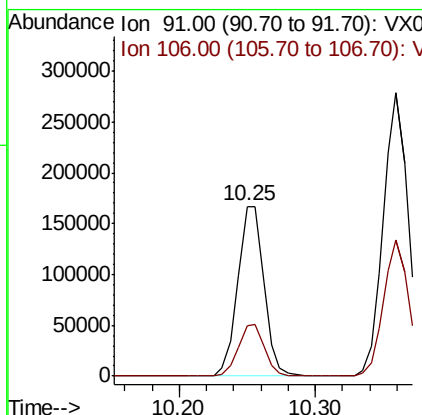
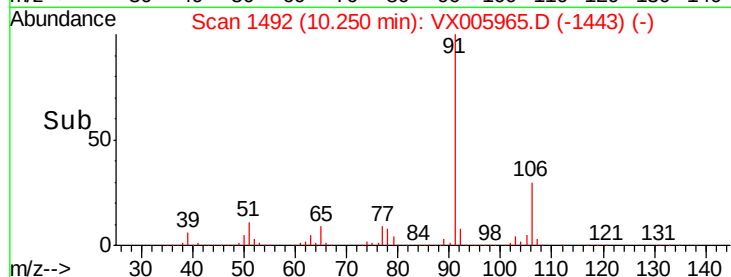
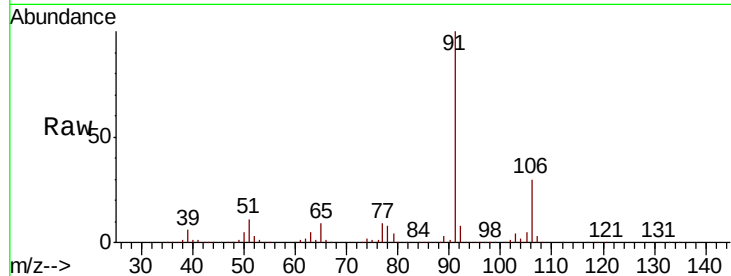
#67
Ethyl Benzene
Concen: 55.126 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 224857
Ion Ratio Lower Upper
91 100
106 30.1 24.4 36.6

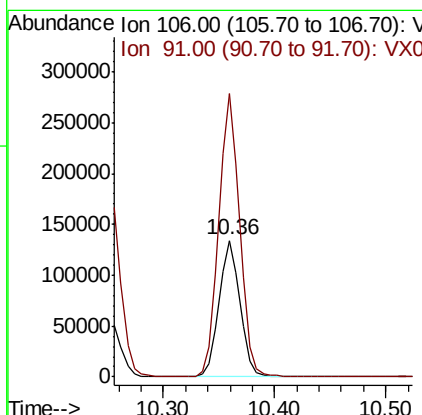
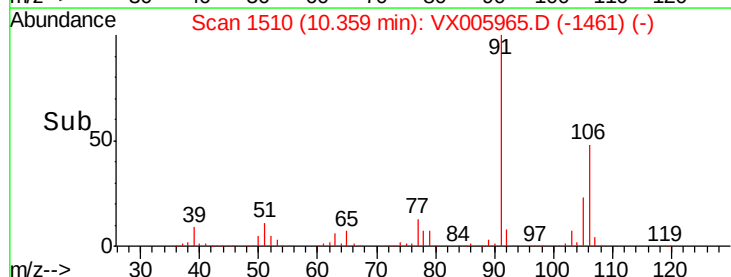
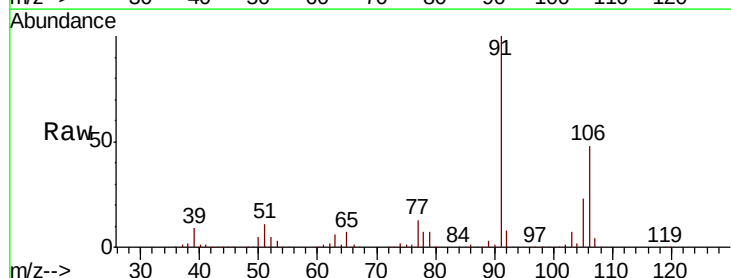
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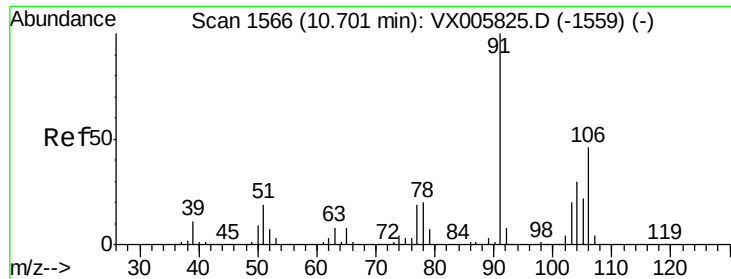
MMDadoda
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#68
m/p-Xylenes
Concen: 111.784 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Tgt Ion: 106 Resp: 173922
Ion Ratio Lower Upper
106 100
91 207.9 164.2 246.4





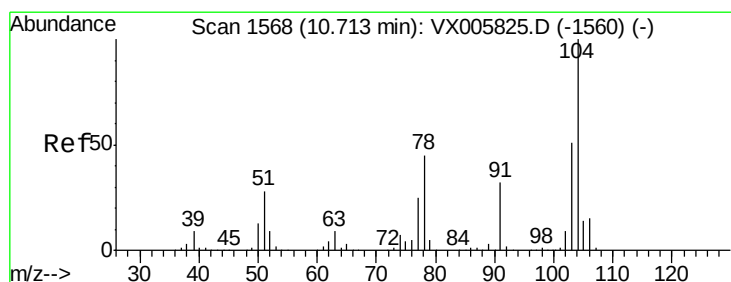
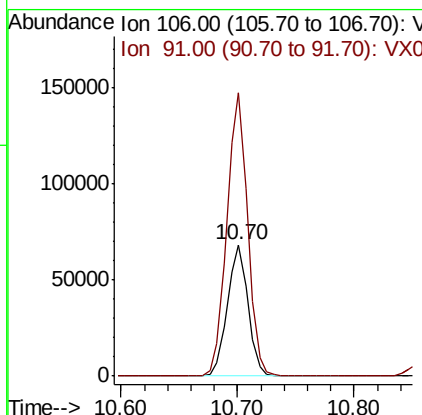
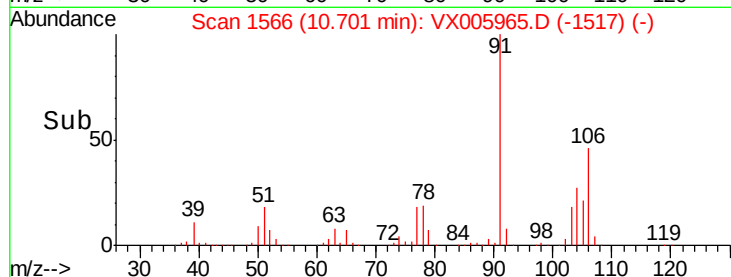
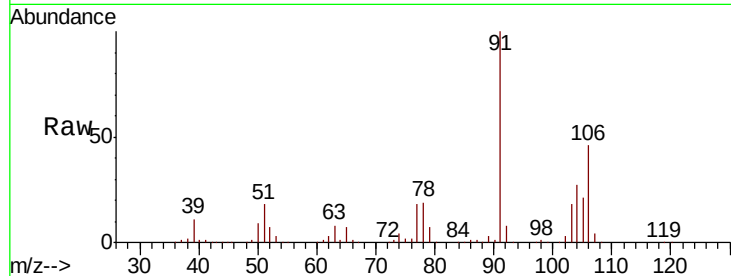
#69
o-Xylene
Concen: 60.155 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 83925
Ion Ratio Lower Upper
106 100
91 217.3 108.5 325.5

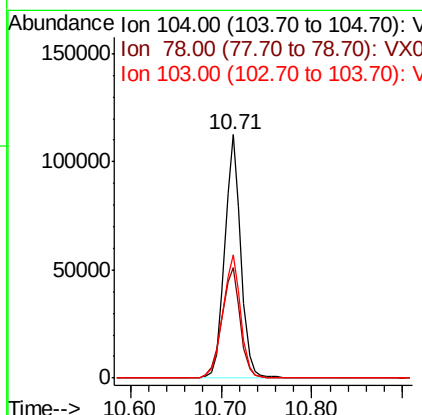
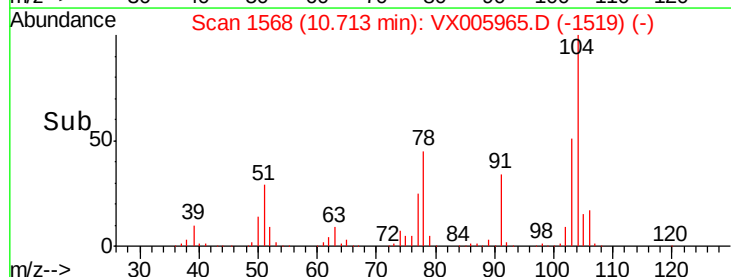
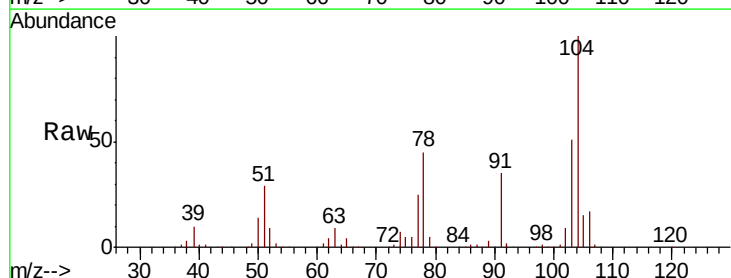
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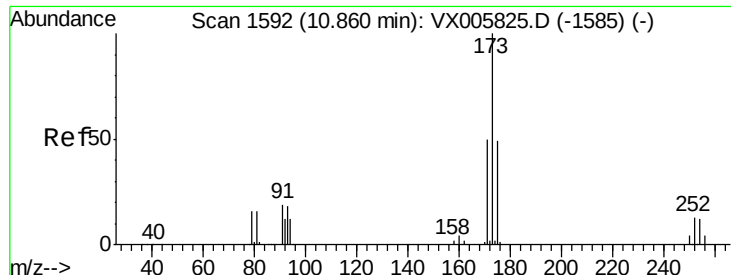
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#70
Styrene
Concen: 61.267 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Tgt Ion:104 Resp: 141006
Ion Ratio Lower Upper
104 100
78 51.5 40.2 60.4
103 56.1 44.9 67.3





#71

Bromoform

Concen: 57.198 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 42403

Ion Ratio Lower Upper

173 100

175 49.0 24.8 74.3

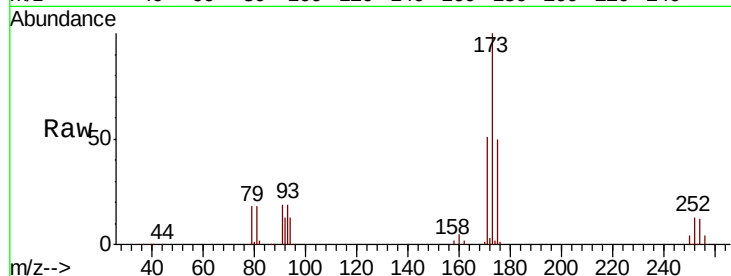
254 0.0 0.2 0.2#

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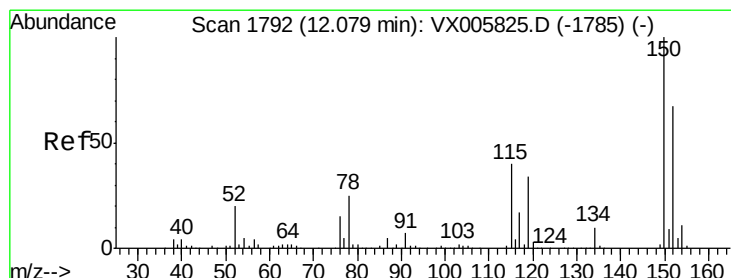
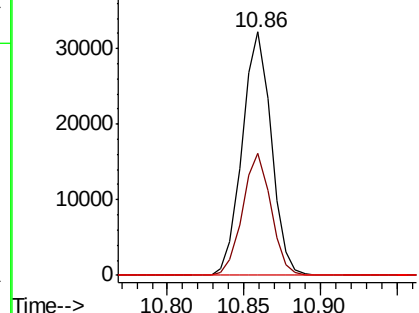
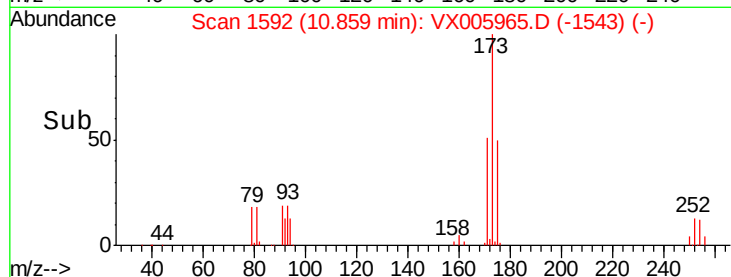
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX005965.D

Acq: 13 Nov 2018 22:34

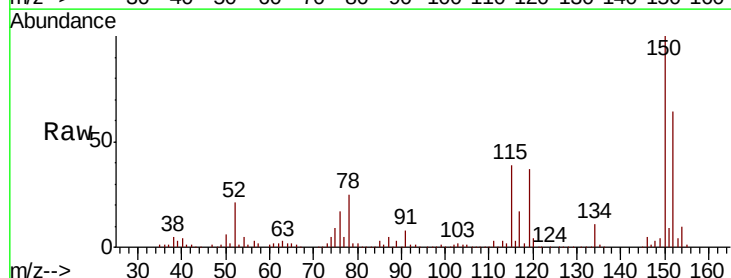
Tgt Ion:152 Resp: 72587

Ion Ratio Lower Upper

152 100

115 79.6 39.4 118.1

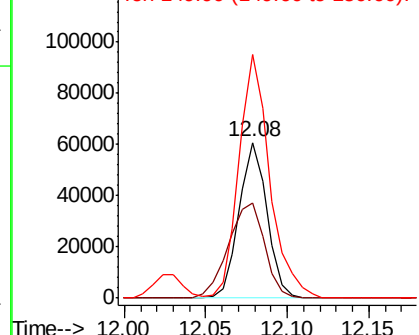
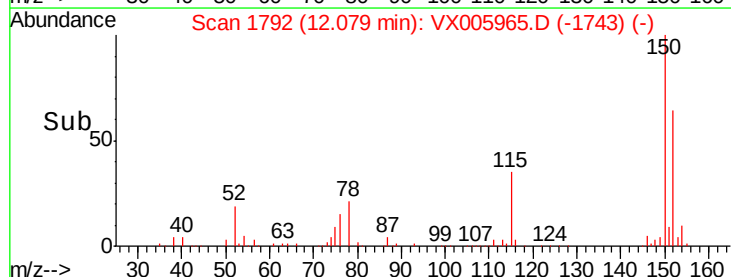
150 173.0 0.0 346.4

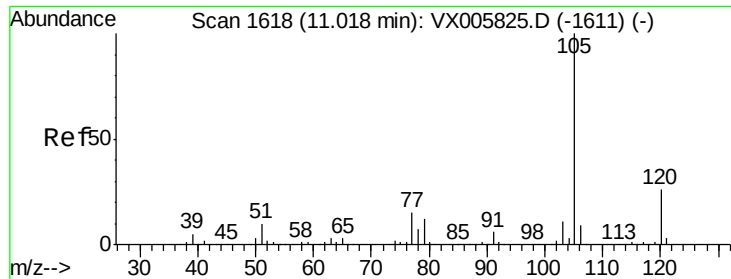


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.862 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 230289

Ion Ratio Lower Upper

105 100

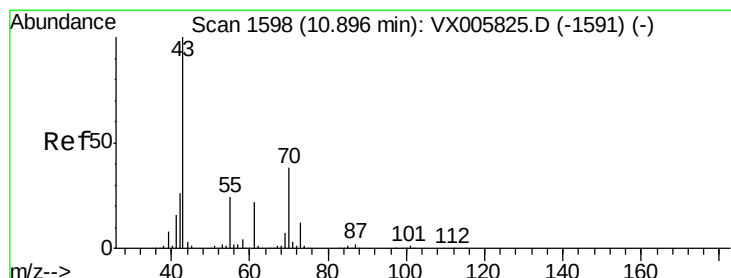
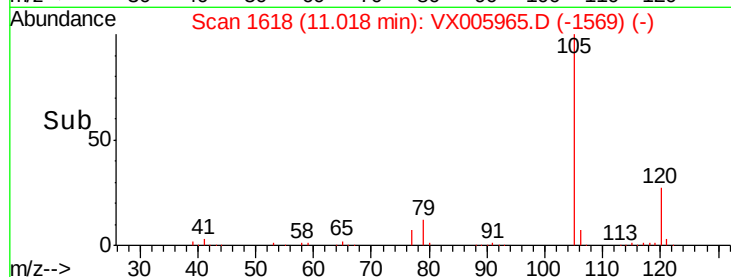
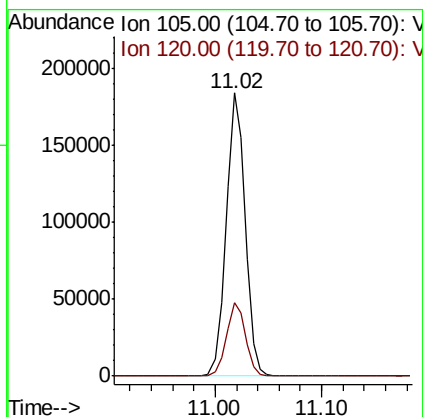
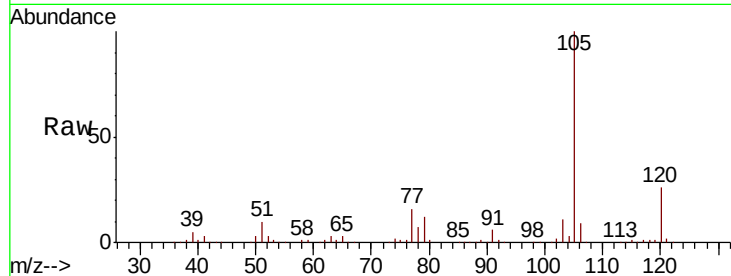
120 26.0 13.1 39.3

Manual Integrations

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#74

N-ethyl acetate

Concen: 49.752 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Tgt Ion: 43 Resp: 117163

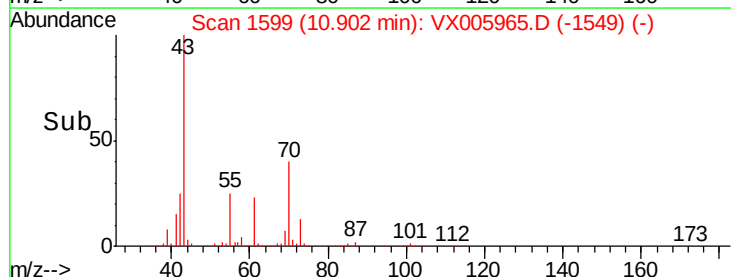
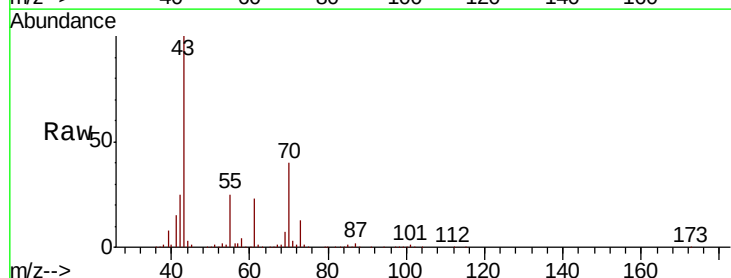
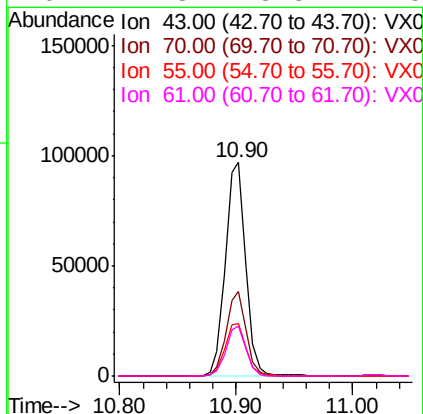
Ion Ratio Lower Upper

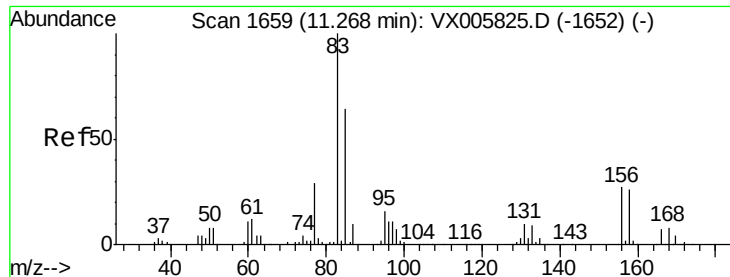
43 100

70 38.7 31.6 47.4

55 25.5 19.7 29.5

61 22.8 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 52.694 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

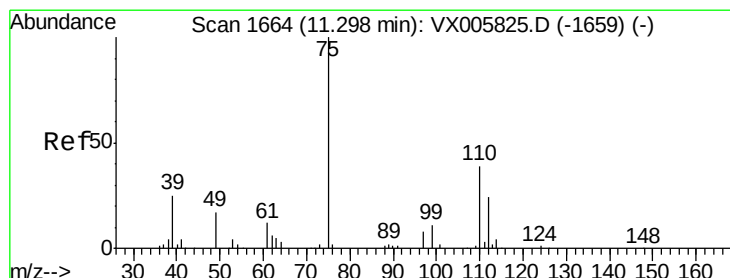
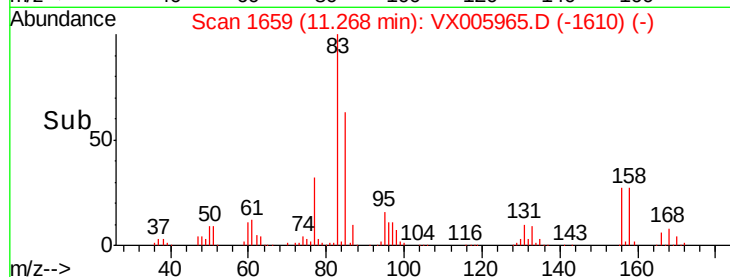
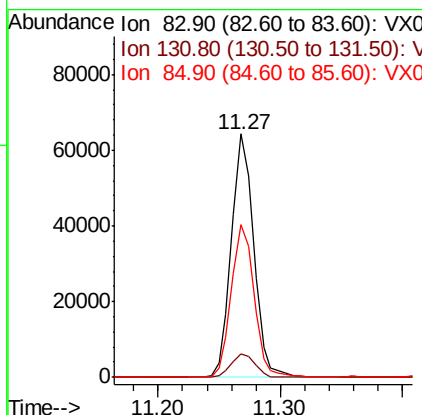
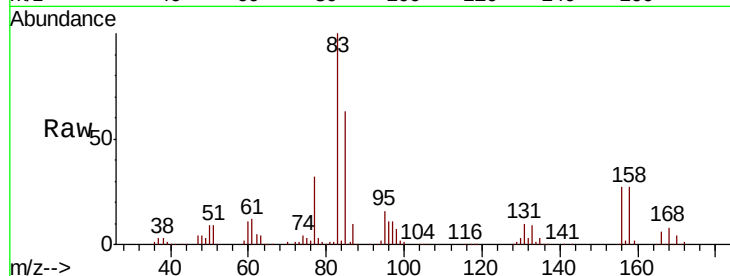
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	81186
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.3	15.9
85	64.3	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 52.985 ug/l m

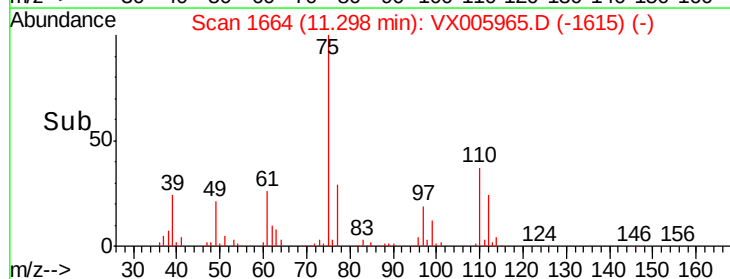
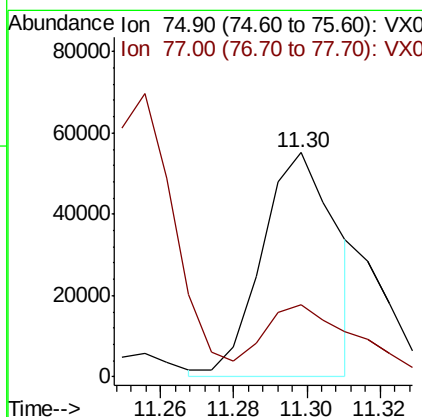
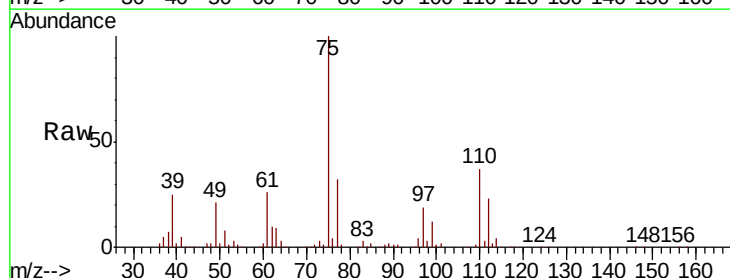
RT: 11.30 min Scan# 1664

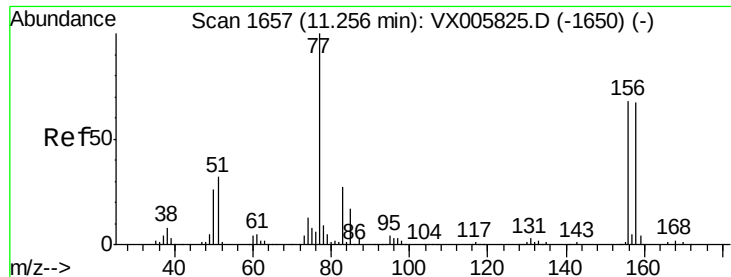
Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Tgt Ion:	75	Resp:	78314
Ion Ratio	Lower	Upper	
75	100		
77	40.1	20.5	61.6





#77

Bromobenzene

Concen: 51.074 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 60428

Ion Ratio Lower Upper

156 100

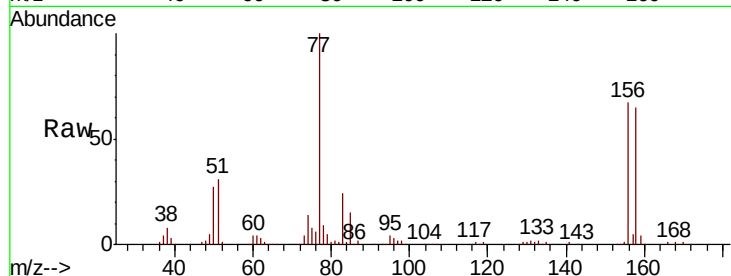
77 152.1 74.8 224.4

158 97.0 49.1 147.3

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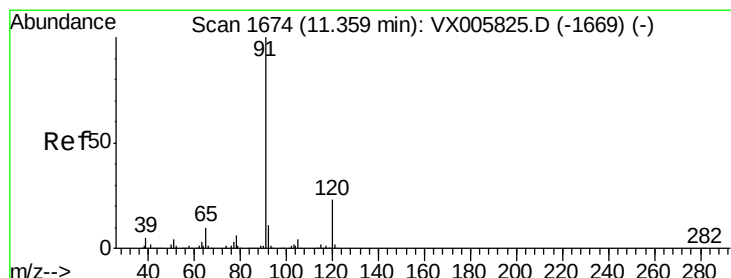
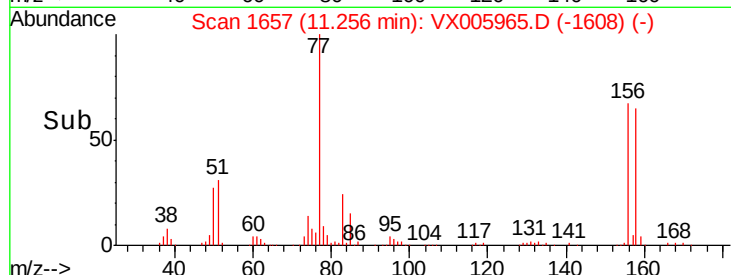
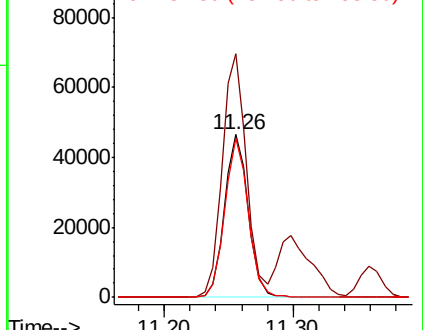
11/14/2018 9:51:37 AM



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: 54.080 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005965.D

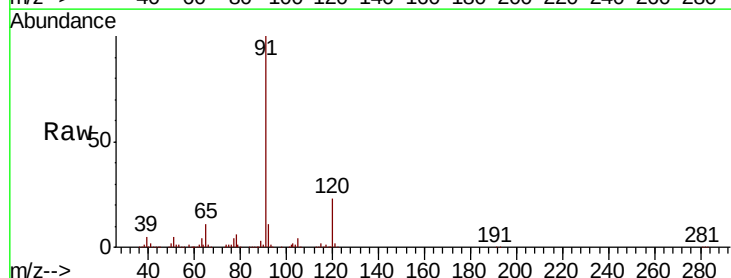
Acq: 13 Nov 2018 22:34

Tgt Ion: 91 Resp: 267536

Ion Ratio Lower Upper

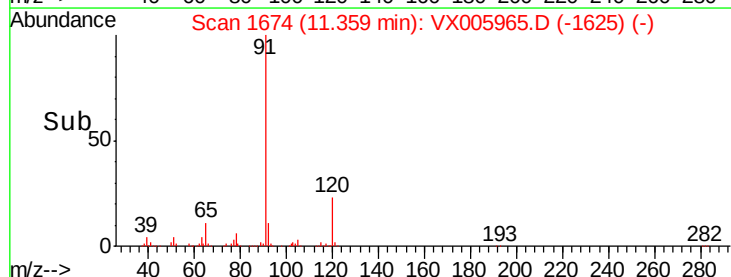
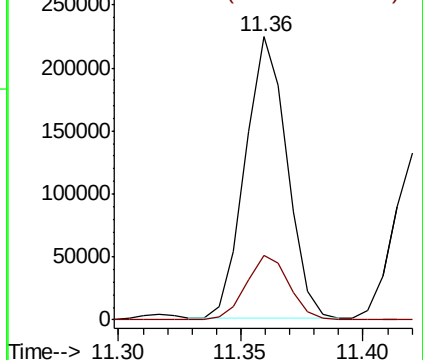
91 100

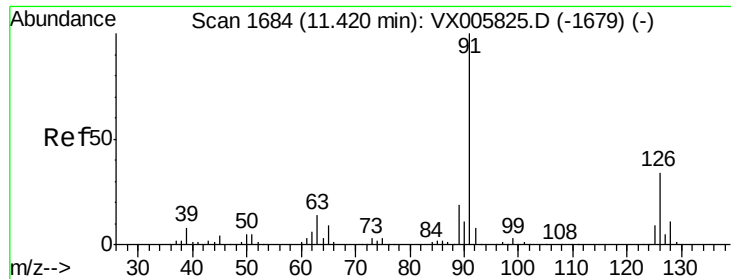
120 23.5 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





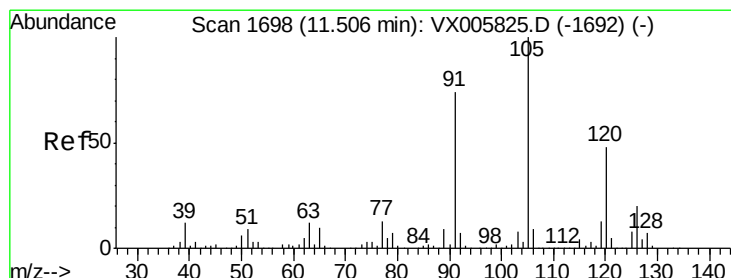
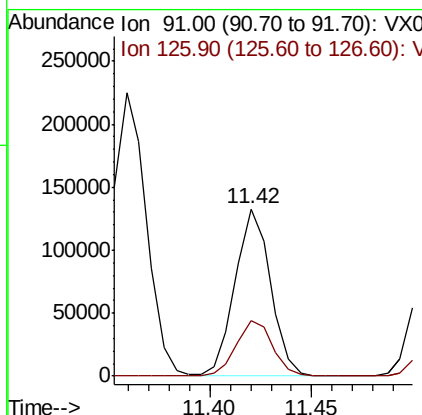
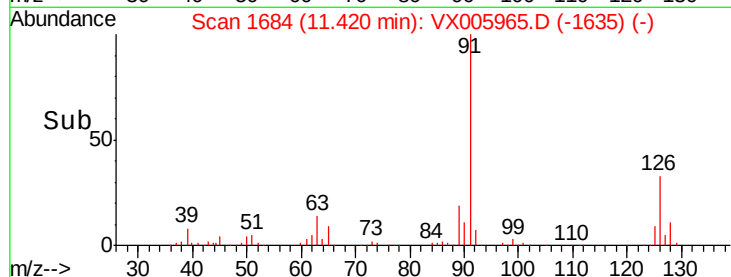
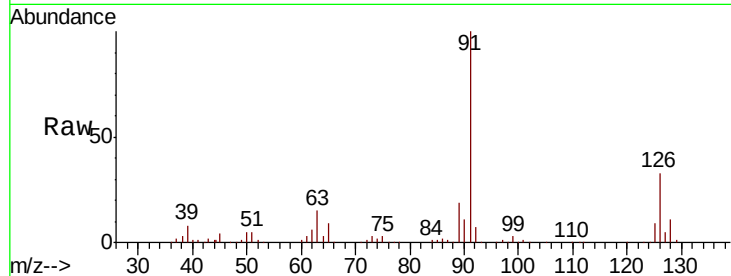
#79
 2-Chlorotoluene
 Concen: 53.341 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 159497
 Ion Ratio Lower Upper
 91 100
 126 34.2 17.3 52.0

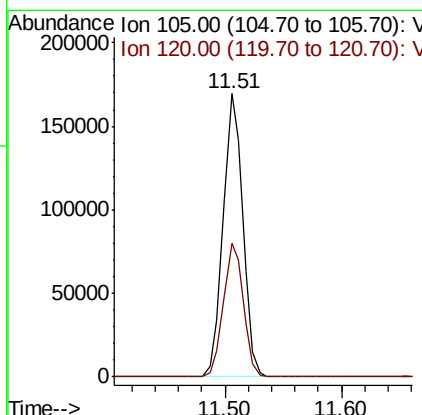
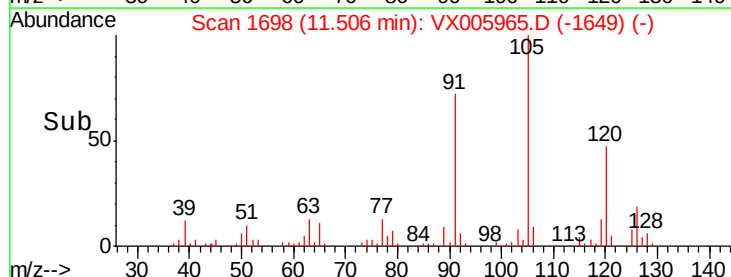
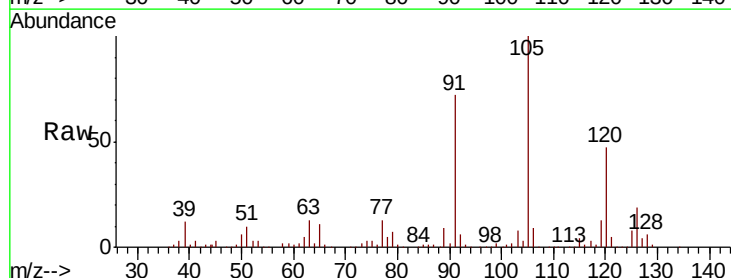
Manual Integrations
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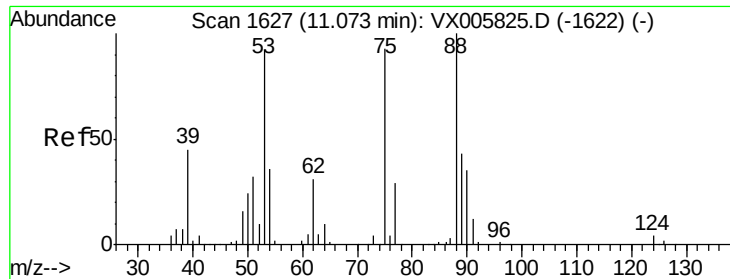
MMDadoda
 11/14/2018 9:51:37 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 55.553 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Tgt Ion: 105 Resp: 198163
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.1 72.2





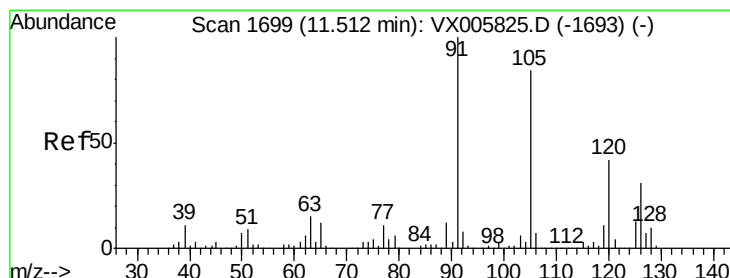
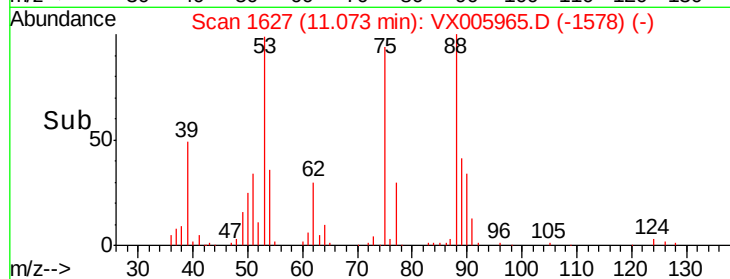
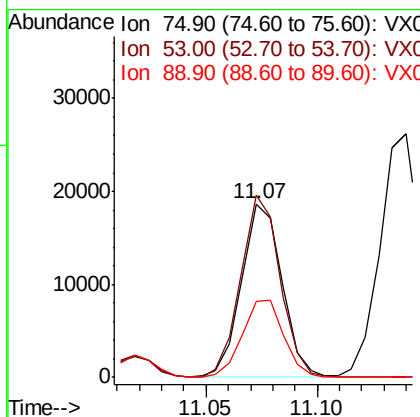
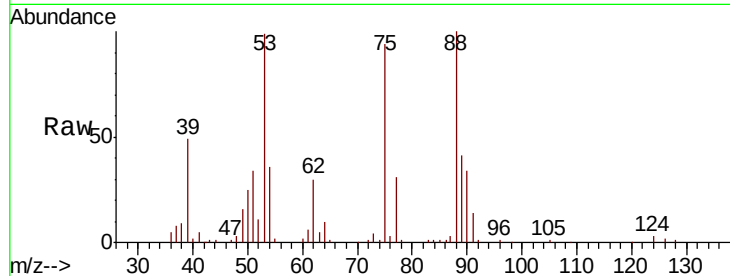
#81
trans-1,4-Dichloro-2-butene
Concen: 50.858 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.5	80.2	120.2
89	45.8	39.8	59.8

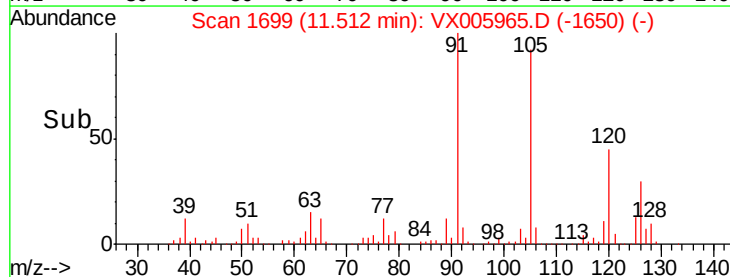
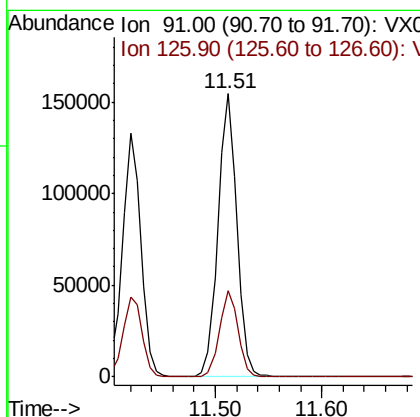
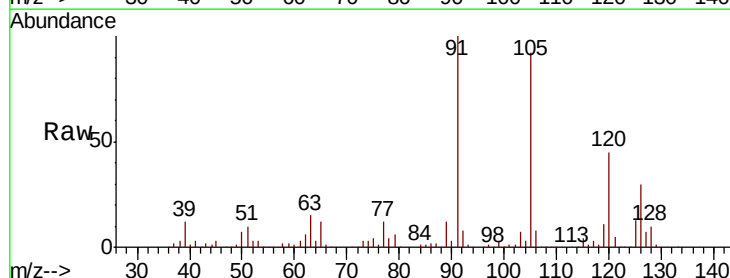
Manual Integrations
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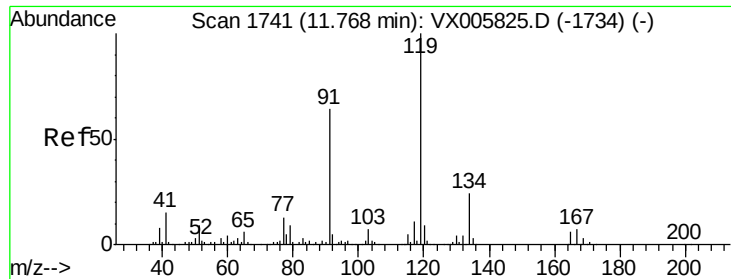
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#82
4-Chlorotoluene
Concen: 53.989 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.9	15.2	45.6





#83

tert-Butylbenzene

Concen: 52.710 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.01 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

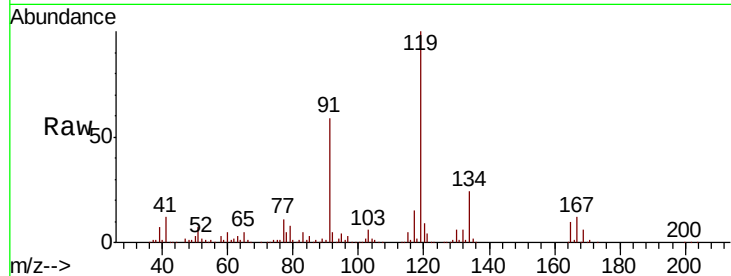
ClientSampleId :

VSTDCCC050EC

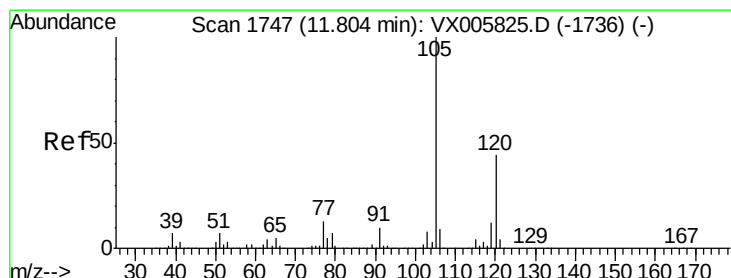
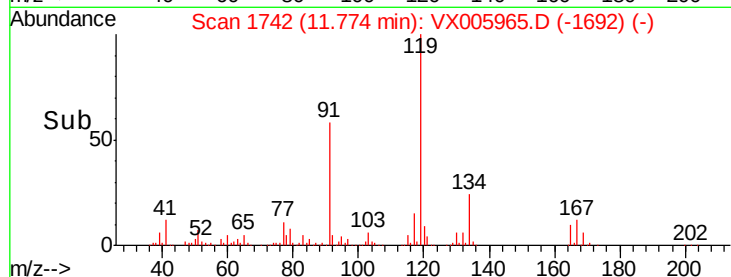
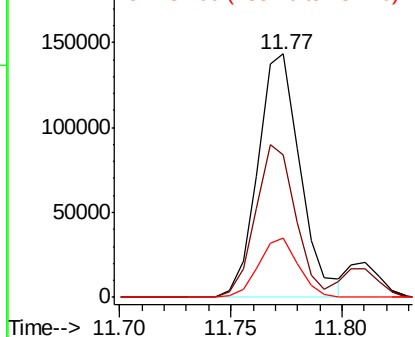
Tot Ion:	119	Resp:	190216
Ion Ratio	Lower	Upper	
119	100		
91	59.3	28.5	85.5
134	22.8	11.3	33.8

Manual Integrations
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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.108 ug/l

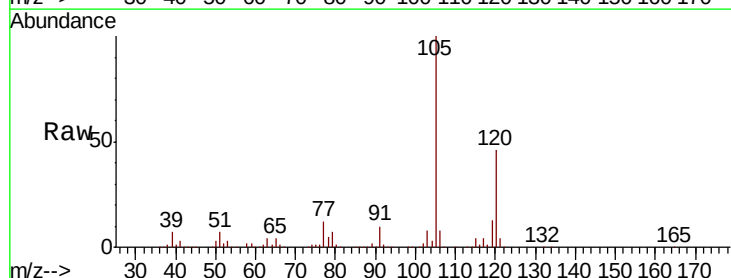
RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

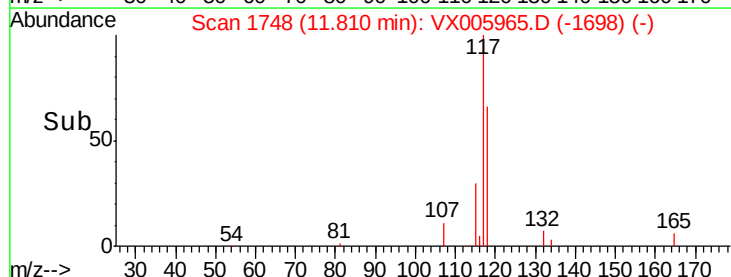
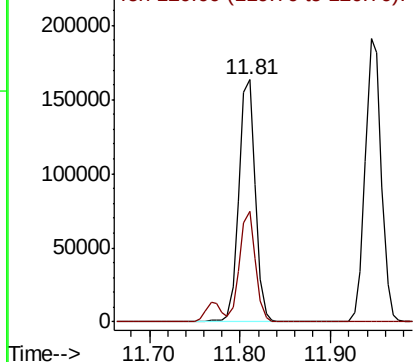
Lab File: VX005965.D

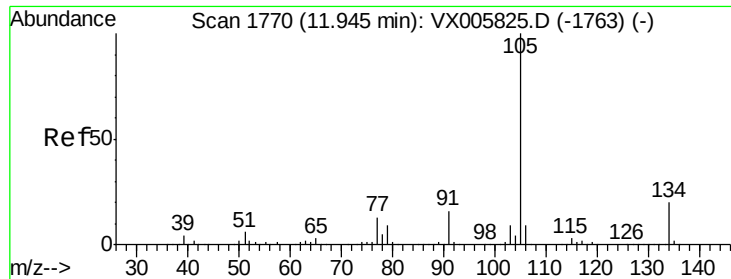
Acq: 13 Nov 2018 22:34

Tgt Ion:	105	Resp:	205110
Ion Ratio	Lower	Upper	
105	100		
120	44.0	22.4	67.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.468 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 235954

Ion Ratio Lower Upper

105 100

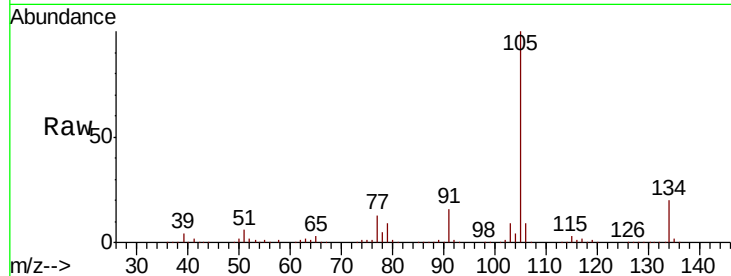
134 20.3 10.2 30.4

Manual Integrations

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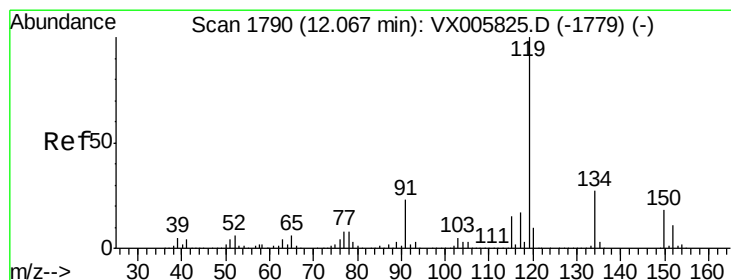
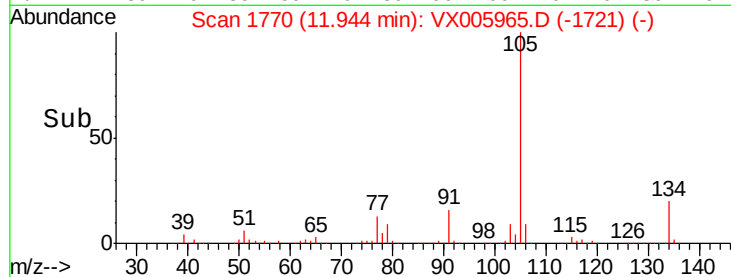
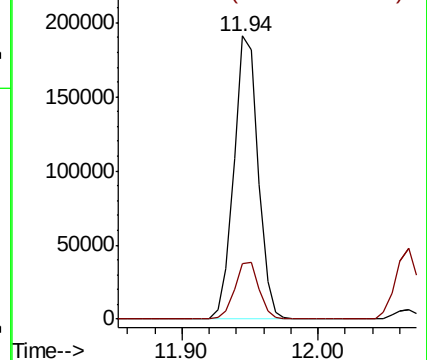
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.455 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005965.D

Acq: 13 Nov 2018 22:34

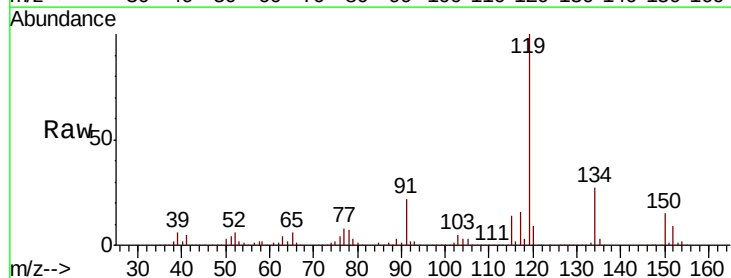
Tgt Ion:119 Resp: 212859

Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

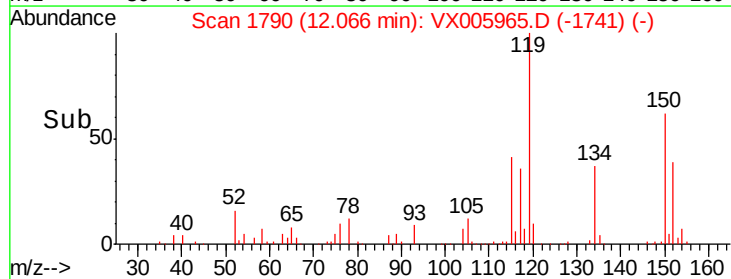
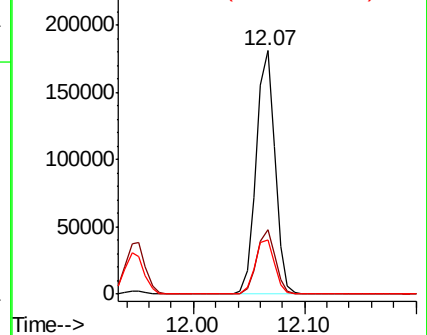
91 23.4 11.4 34.2

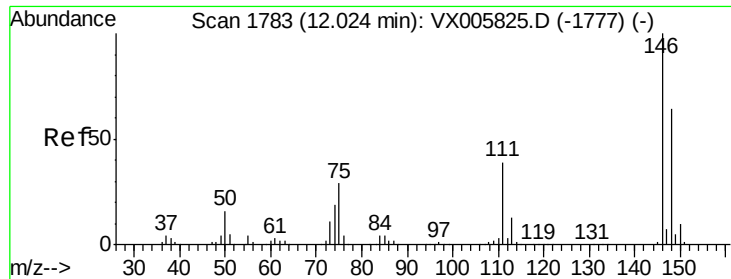


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





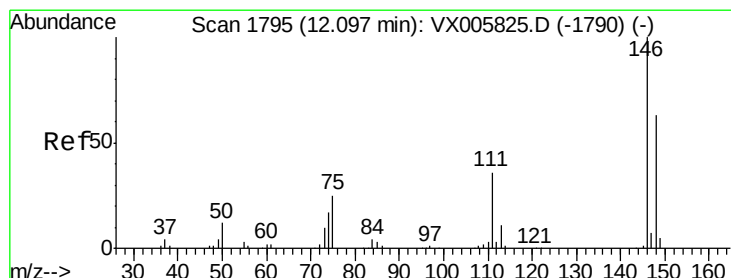
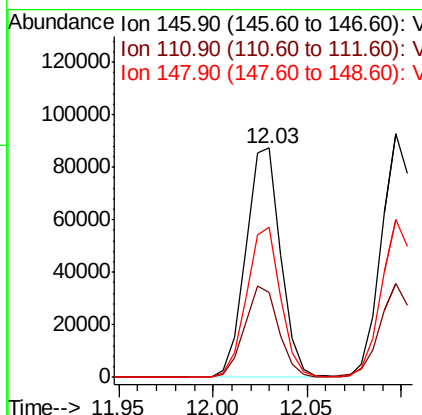
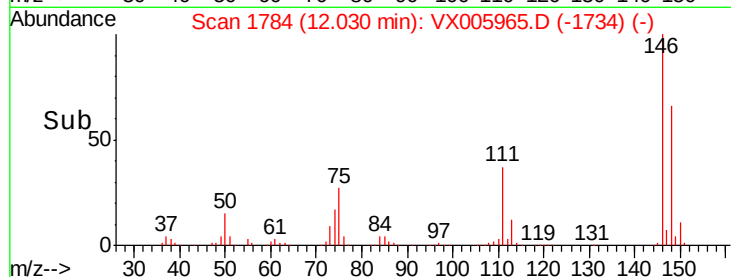
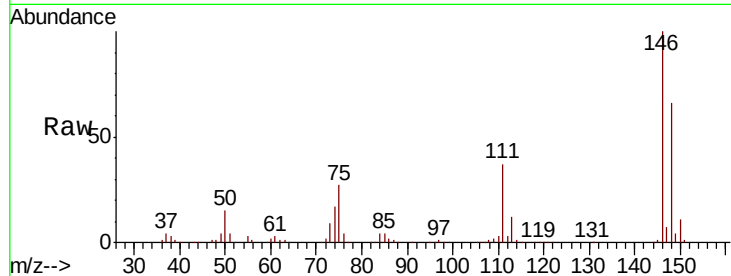
#87
 1,3-Dichlorobenzene
 Concen: 49.373 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.0	57.0
148	64.0	31.9	95.9

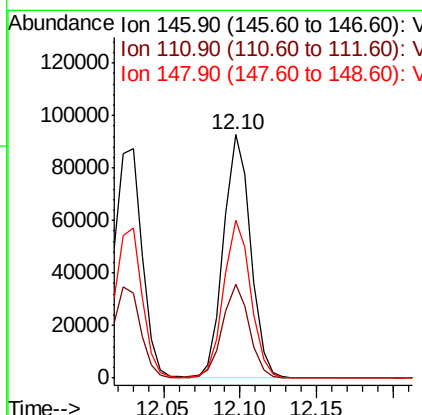
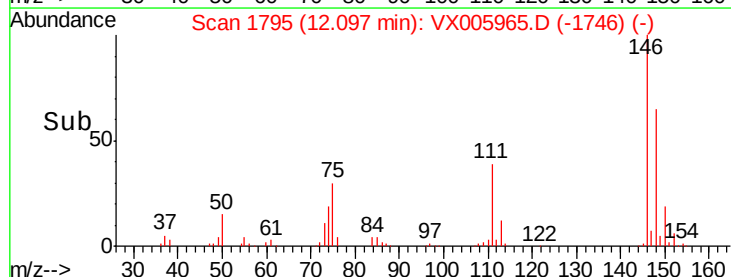
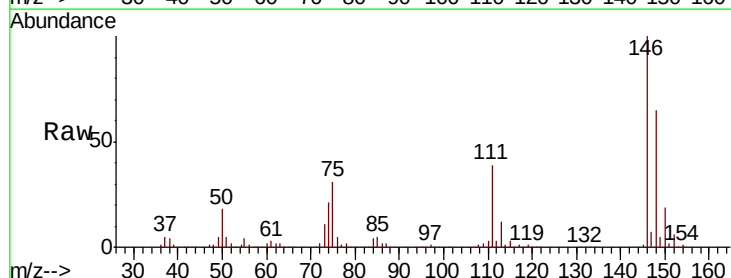
Manual Integrations
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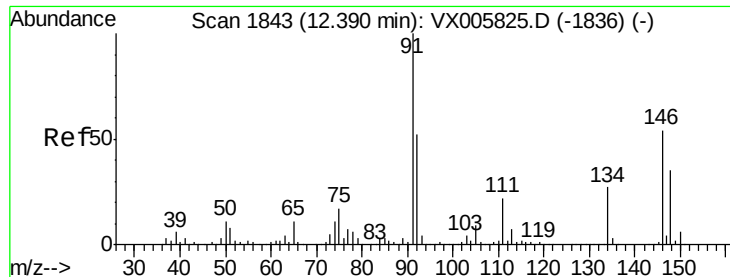
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#88
 1,4-Dichlorobenzene
 Concen: 49.039 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.6	55.8
148	64.8	32.1	96.3





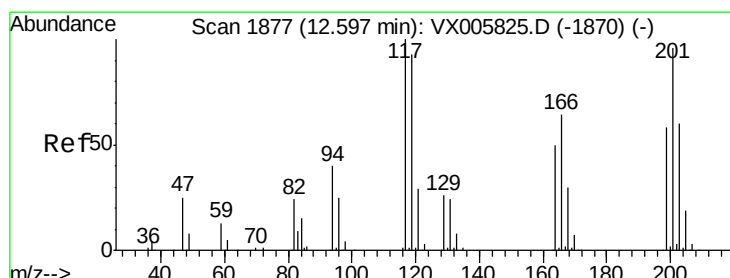
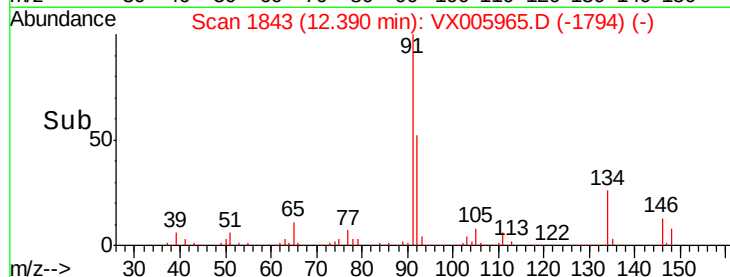
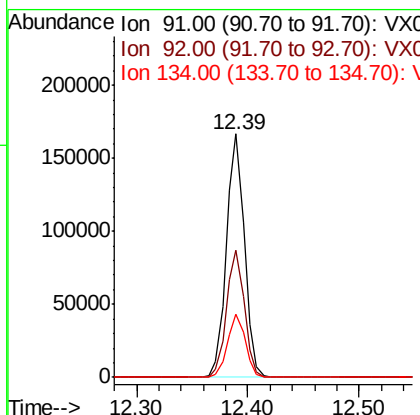
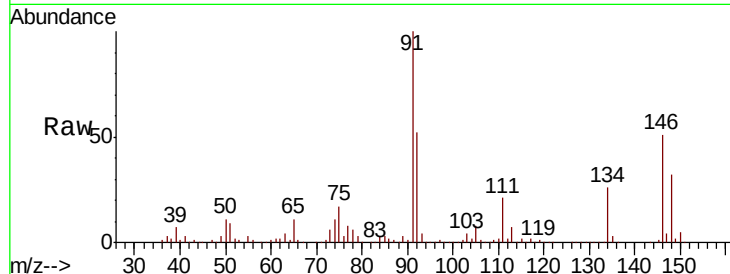
#89
n-Butylbenzene
Concen: 51.281 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.1	78.2
134	25.7	13.1	39.3

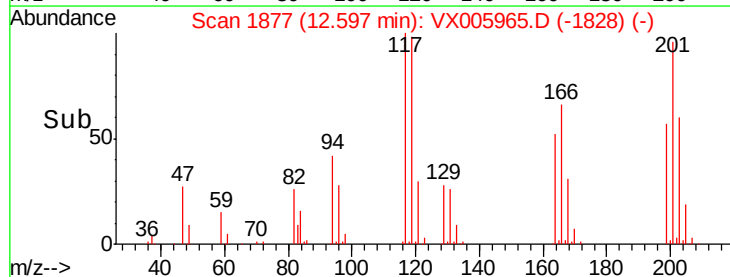
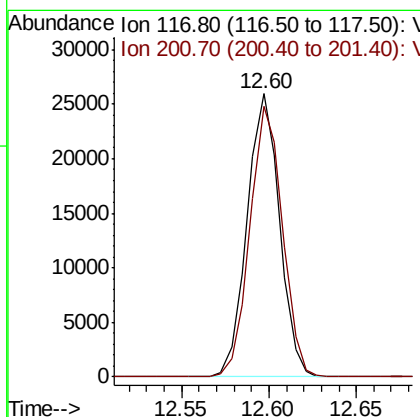
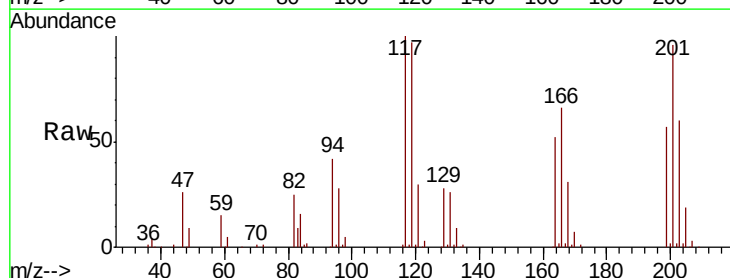
Manual Integrations
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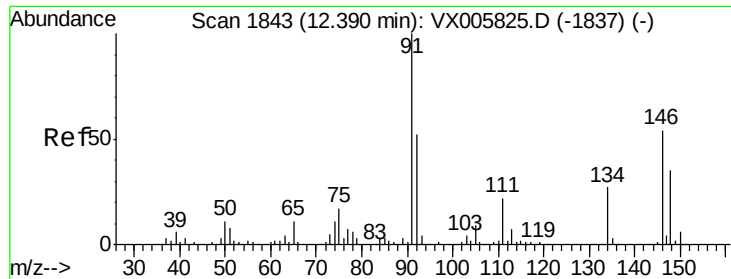
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#90
Hexachloroethane
Concen: 51.226 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.5	47.9	143.6





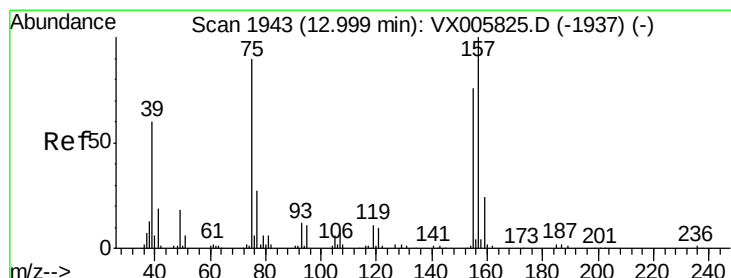
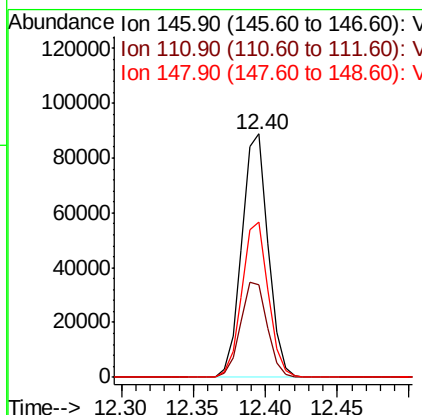
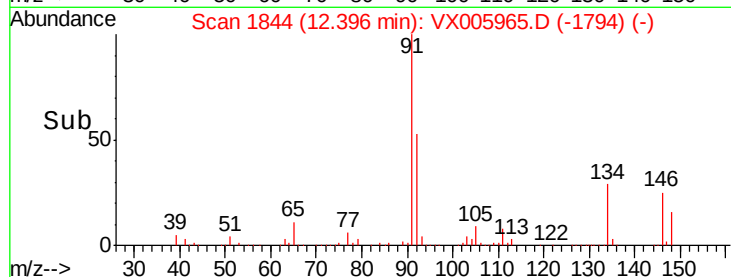
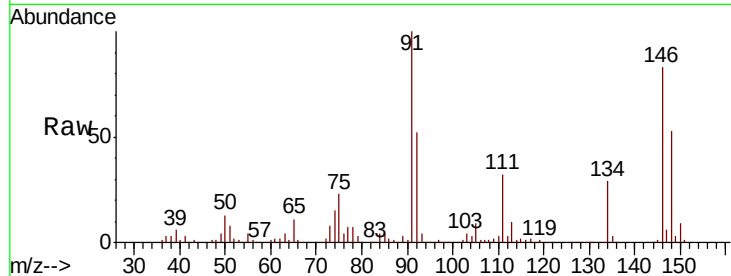
#91
 1,2-Dichlorobenzene
 Concen: 49.586 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.01 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	59.9
148	63.8	32.2	96.6

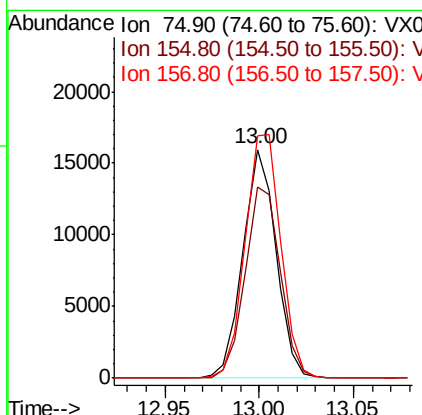
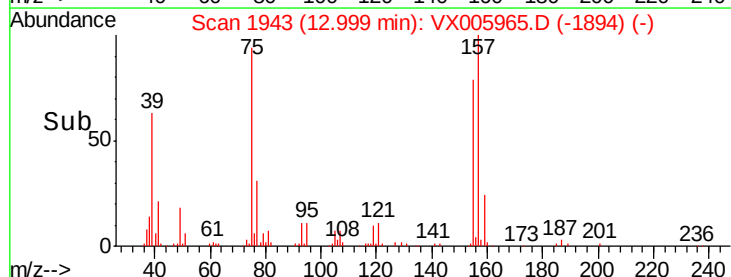
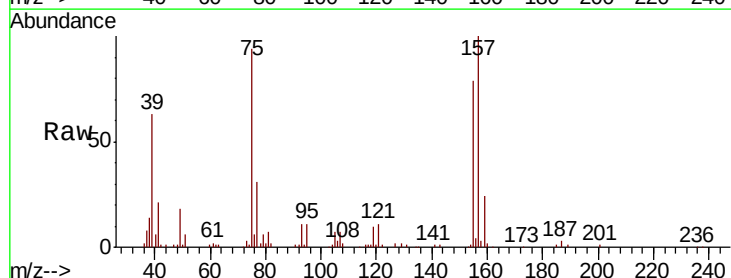
Manual Integrations
 APPROVED

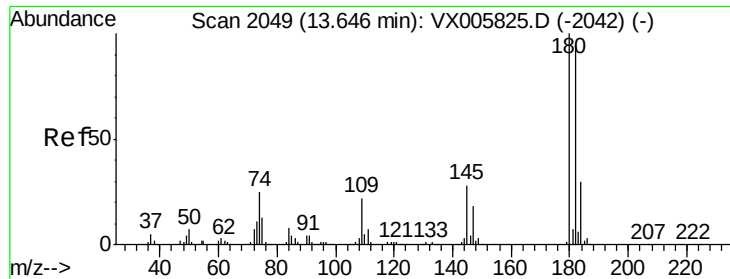
MMDadoda
 11/14/2018 9:51:37 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.865 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.9	45.4	136.1
157	114.7	57.4	172.0





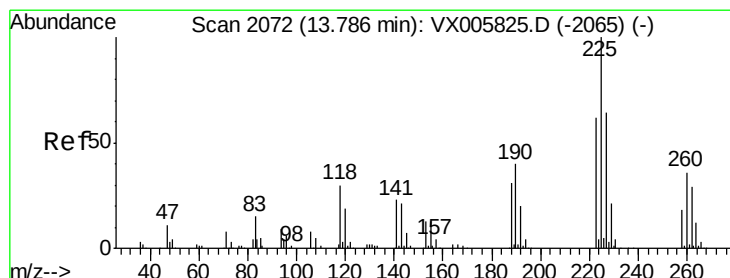
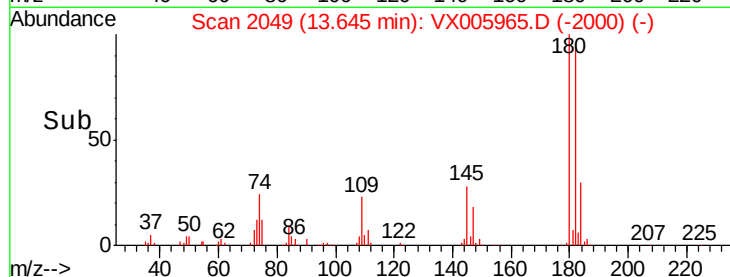
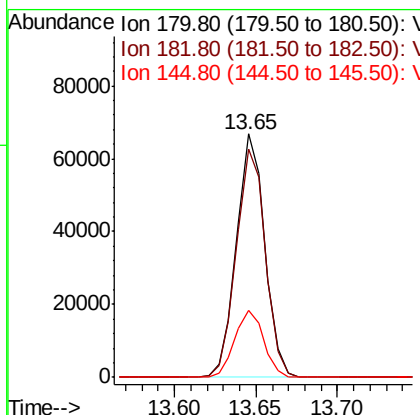
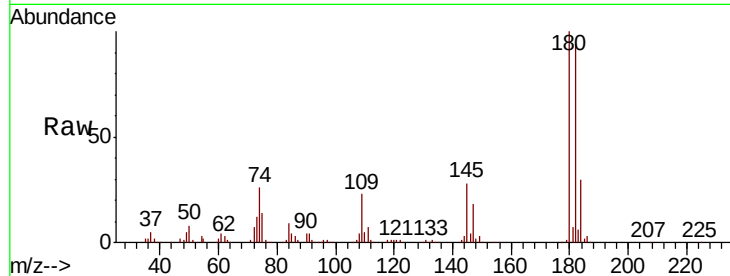
#93
 1,2,4-Trichlorobenzene
 Concen: 50.353 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.6	142.8
145	28.4	14.1	42.2

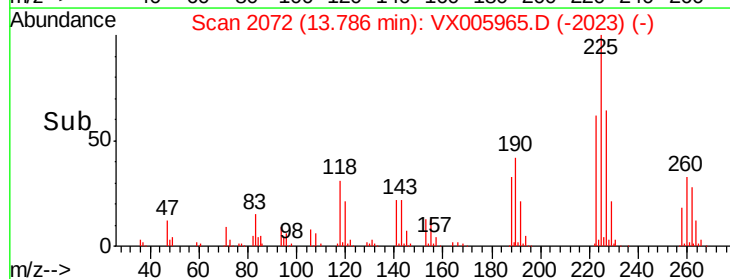
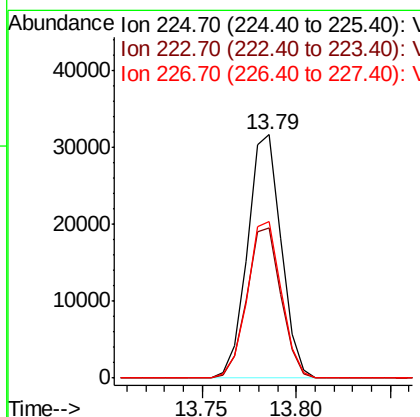
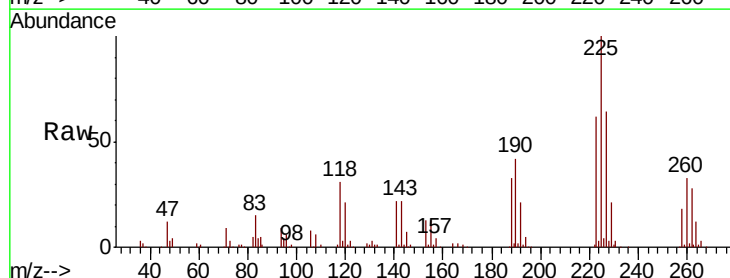
Manual Integrations
 APPROVED

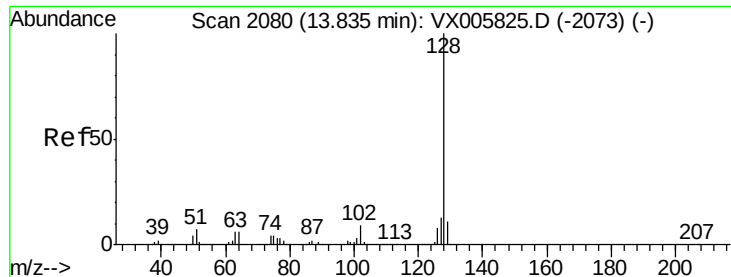
MMDadoda
 11/14/2018 9:51:37 AM



#94
 Hexachlorobutadiene
 Concen: 46.704 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005965.D
 Acq: 13 Nov 2018 22:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.7	95.1
227	64.8	32.3	96.9





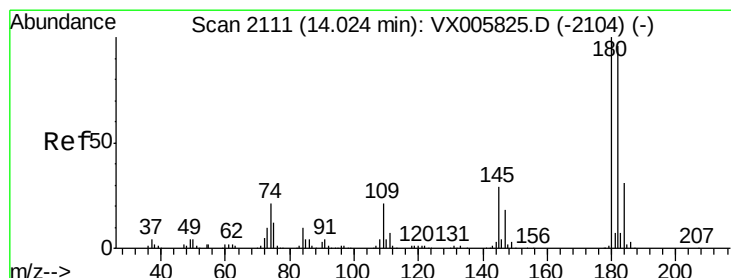
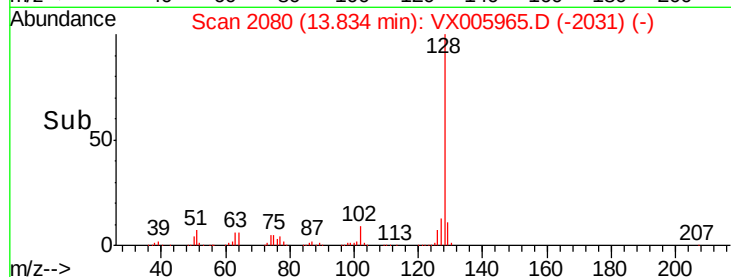
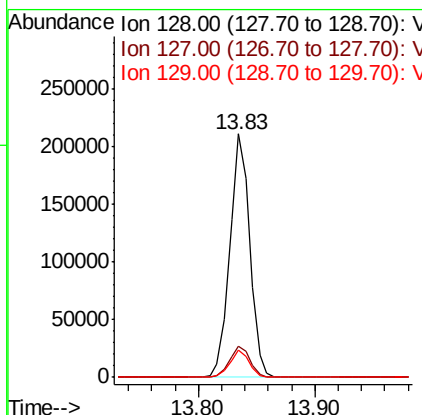
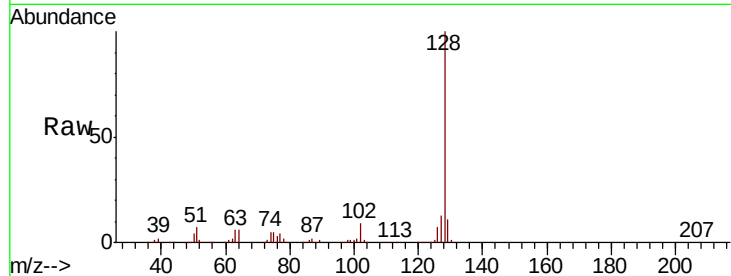
#95
Naphthalene
Concen: 48.136 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/14/2018 9:51:37 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.675 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005965.D
Acq: 13 Nov 2018 22:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.0	144.2
145	30.1	15.1	45.3

