

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110618\
 Data File : VX005820.D
 Acq On : 06 Nov 2018 20:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/7/2018 12:40:46 PM

Quant Time: Nov 07 09:40:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	156058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	261226	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	232184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117560	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	100580	44.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.16%	
35) Dibromofluoromethane	5.51	113	81600	45.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.22%	
50) Toluene-d8	8.72	98	302291	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	
62) 4-Bromofluorobenzene	11.14	95	106090	45.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	84867	47.075	ug/l	97
3) Chloromethane	1.32	50	90468	42.544	ug/l	95
4) Vinyl Chloride	1.41	62	102703	46.422	ug/l	94
5) Bromomethane	1.64	94	86252	31.419	ug/l	99
6) Chloroethane	1.71	64	63000	44.742	ug/l	92
7) Trichlorofluoromethane	1.93	101	124201	43.737	ug/l	98
8) Diethyl Ether	2.19	74	54933	43.036	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	73381	42.542	ug/l	93
10) Methyl Iodide	2.51	142	82771	49.326	ug/l	98
11) Tert butyl alcohol	3.07	59	138594	223.676	ug/l	99
12) 1,1-Dichloroethene	2.37	96	71948	42.805	ug/l	99
13) Acrolein	2.30	56	92116	209.839	ug/l	99
14) Allyl chloride	2.72	41	154237	44.378	ug/l	96
15) Acrylonitrile	3.15	53	318042	233.420	ug/l	97
16) Acetone	2.45	43	263907	223.982	ug/l	99
17) Carbon Disulfide	2.57	76	202395	39.186	ug/l	99
18) Methyl Acetate	2.78	43	149091	45.532	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	268305	46.115	ug/l	100
20) Methylene Chloride	2.85	84	88002	44.728	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	79063	44.454	ug/l	95
22) Diisopropyl ether	3.87	45	278550	43.205	ug/l	# 92
23) Vinyl Acetate	3.82	43	1228299	218.729	ug/l	98
24) 1,1-Dichloroethane	3.70	63	161123	44.196	ug/l	98
25) 2-Butanone	4.70	43	414949	215.596	ug/l	98
26) 2,2-Dichloropropane	4.57	77	102027	37.438	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	86577	43.320	ug/l	98
28) Bromochloromethane	5.02	49	86792	48.798	ug/l	94
29) Tetrahydrofuran	5.15	42	266193	226.597	ug/l	94
30) Chloroform	5.21	83	155454	43.614	ug/l	100
31) Cyclohexane	5.57	56	134769	44.207	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	123229	43.199	ug/l	97
36) 1,1-Dichloropropene	5.79	75	111310	39.994	ug/l	98
37) Ethyl Acetate	4.85	43	145459	40.966	ug/l	96
38) Carbon Tetrachloride	5.78	117	103122	41.011	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	117539	40.494	ug/l	96
40) Benzene	6.14	78	342790	41.400	ug/l	99
41) Methacrylonitrile	5.06	41	83290	43.413	ug/l	95
42) 1,2-Dichloroethane	6.20	62	125936	41.149	ug/l	100
43) Isopropyl Acetate	6.46	43	226211	43.894	ug/l	97
44) Trichloroethene	7.21	130	82145	42.896	ug/l	89
45) 1,2-Dichloropropane	7.52	63	89335	42.102	ug/l	97
46) Dibromomethane	7.66	93	57281	42.241	ug/l	88
47) Bromodichloromethane	7.90	83	104136	40.941	ug/l	99
48) Methyl methacrylate	7.77	41	105709	42.380	ug/l	96
49) 1,4-Dioxane	7.75	88	47371	852.876	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	768363	218.655	ug/l	95
52) Toluene	8.79	92	194083	43.336	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	123363	44.753	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	133654	45.256	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	88450	45.477	ug/l	95
56) Ethyl methacrylate	9.18	69	133639	40.948	ug/l	99
57) 1,3-Dichloropropane	9.37	76	152042	45.508	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	403891	216.823	ug/l	95
59) 2-Hexanone	9.50	43	622746	217.764	ug/l	97
60) Dibromochloromethane	9.59	129	81305	43.261	ug/l	98
61) 1,2-Dibromoethane	9.68	107	93011	46.931	ug/l	97
64) Tetrachloroethene	9.34	164	84162	49.615	ug/l	94
65) Chlorobenzene	10.14	112	219132	44.413	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	76484	45.283	ug/l	98
67) Ethyl Benzene	10.25	91	379955	45.123	ug/l	96
68) m/p-Xylenes	10.36	106	280588	89.675	ug/l	92
69) o-Xylene	10.70	106	134300	44.877	ug/l	98
70) Styrene	10.71	104	228410	45.954	ug/l	98
71) Bromoform	10.86	173	60652	44.319	ug/l #	99
73) Isopropylbenzene	11.02	105	365051	47.068	ug/l	99
74) N-amyl acetate	10.90	43	189004	45.772	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	141173	43.874	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	133818m	45.703	ug/l	
77) Bromobenzene	11.26	156	88255	45.871	ug/l	89
78) n-propylbenzene	11.36	91	437761	46.397	ug/l	97
79) 2-Chlorotoluene	11.42	91	257191	45.640	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	311293	47.270	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	40340	44.514	ug/l	97
82) 4-Chlorotoluene	11.51	91	304335	45.237	ug/l	97
83) tert-Butylbenzene	11.77	119	295242	46.987	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	322434	48.487	ug/l	98
85) sec-Butylbenzene	11.94	105	374656	46.483	ug/l	97
86) p-Isopropyltoluene	12.07	119	324238	47.299	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	167430	45.007	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	170974	42.781	ug/l	98
89) n-Butylbenzene	12.39	91	308877	44.659	ug/l	98
90) Hexachloroethane	12.60	117	53376	43.888	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	171831	44.213	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	33209	44.003	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	118897	47.699	ug/l	99
94) Hexachlorobutadiene	13.78	225	53530	44.390	ug/l	99
95) Naphthalene	13.83	128	416721	50.834	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	121286	47.794	ug/l	99

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

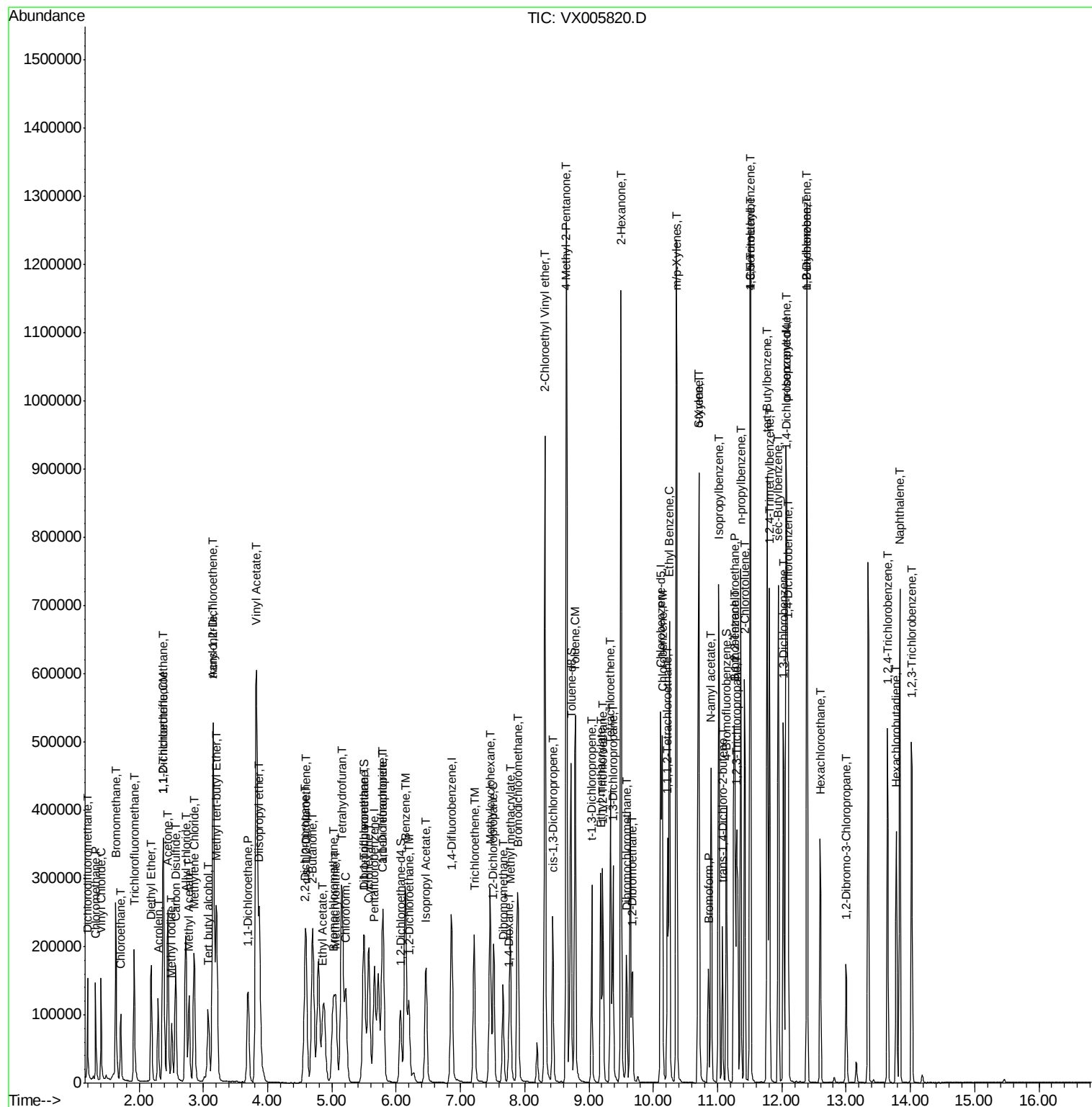
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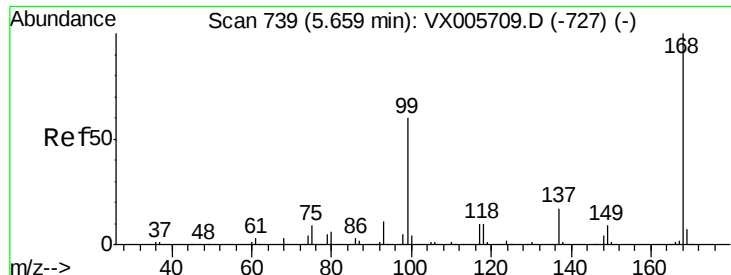
Instrument :
 MSVOA_X
 Client Sample ID :
 VSTDCCC050EC

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX005820.D

Acq: 06 Nov 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 156058

Ion Ratio Lower Upper

168 100

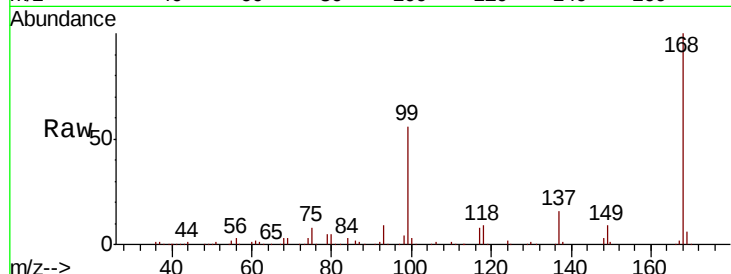
99 55.9 40.7 61.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

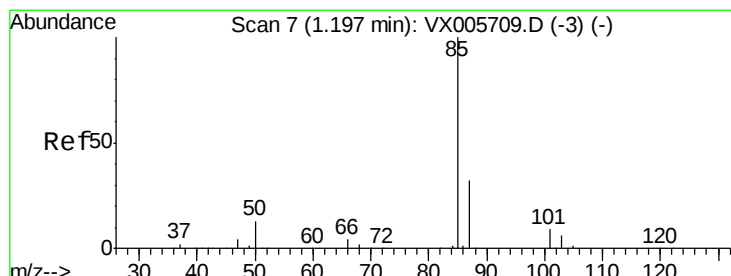
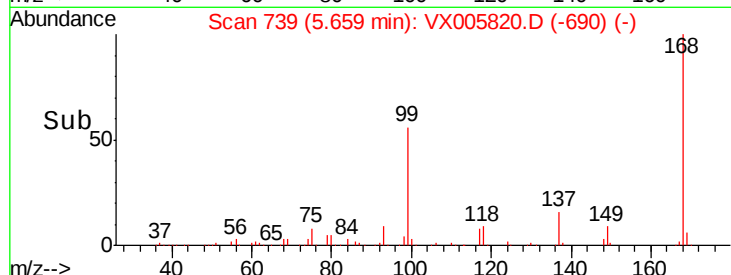
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.075 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005820.D

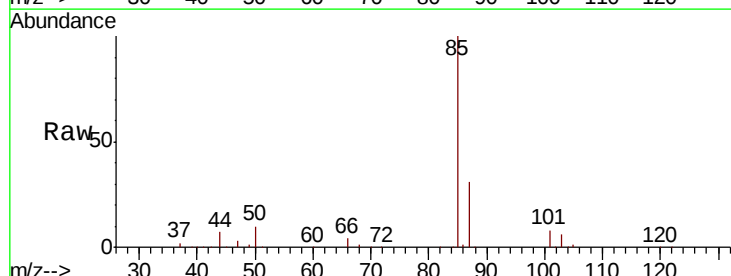
Acq: 06 Nov 2018 20:11

Tgt Ion: 85 Resp: 84867

Ion Ratio Lower Upper

85 100

87 31.0 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

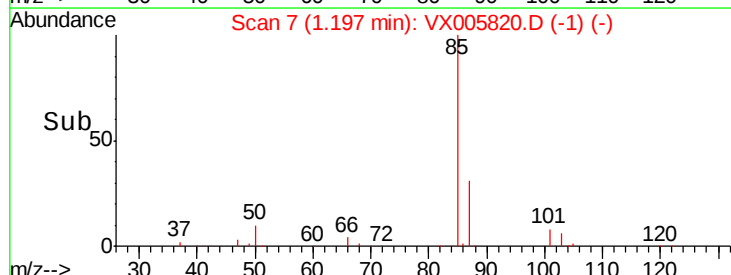
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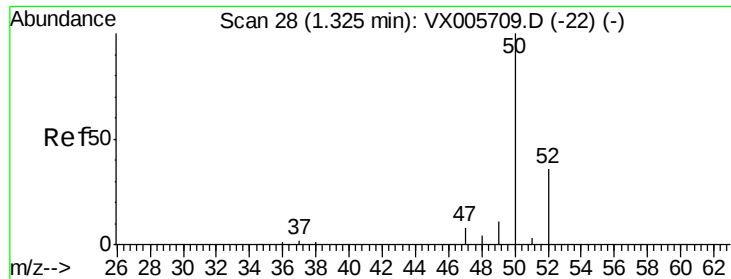
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 42.544 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005820.D

Acq: 06 Nov 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 90468

Ion Ratio Lower Upper

50 100

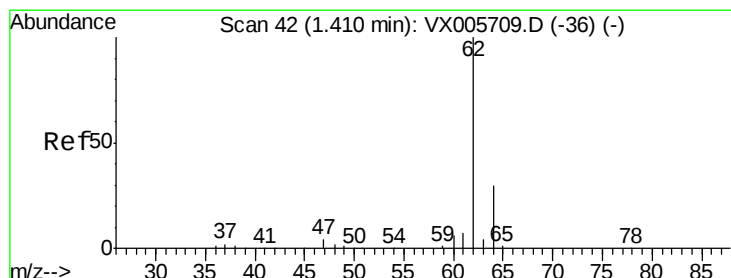
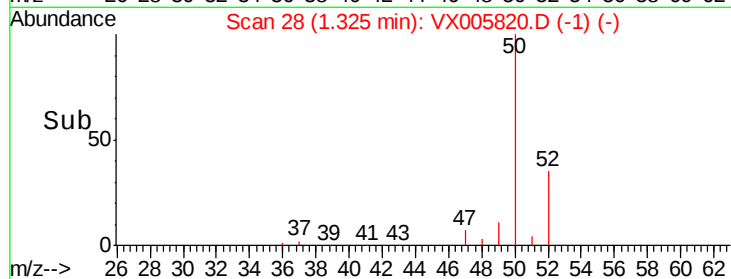
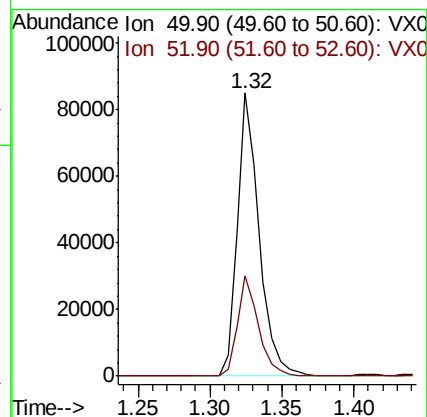
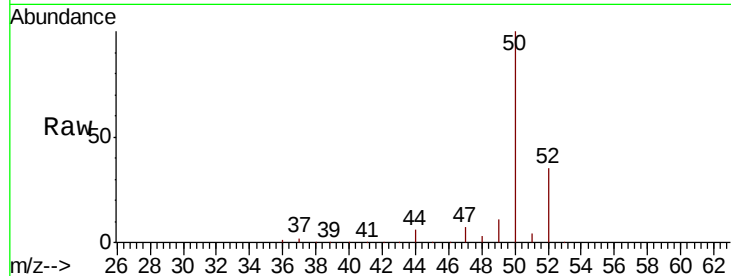
52 35.4 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.422 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX005820.D

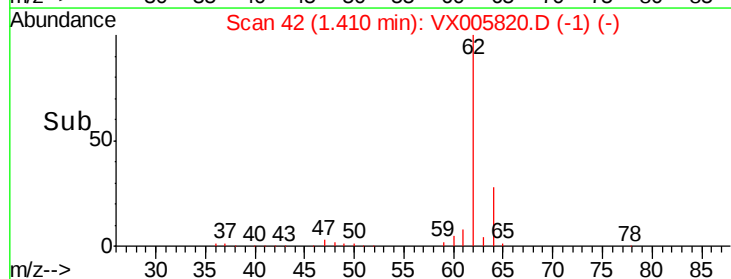
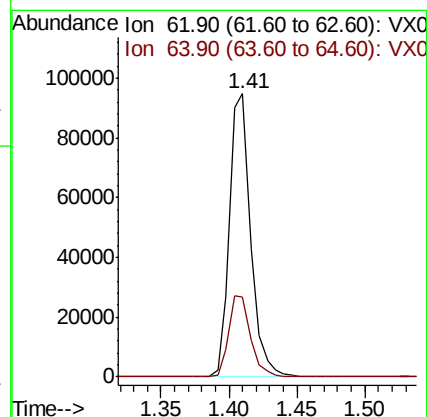
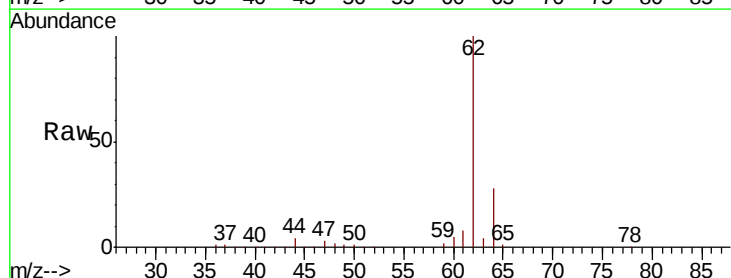
Acq: 06 Nov 2018 20:11

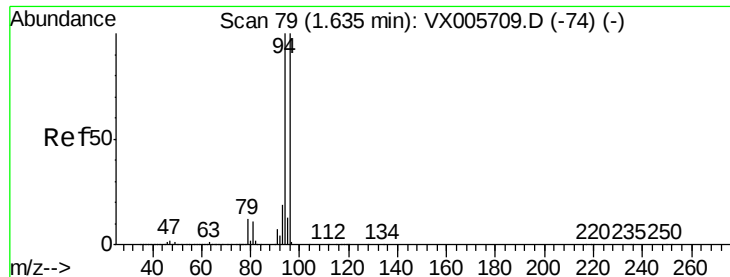
Tgt Ion: 62 Resp: 102703

Ion Ratio Lower Upper

62 100

64 28.4 25.3 37.9





#5

Bromomethane

Concen: 31.419 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005820.D

Acq: 06 Nov 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 86252

Ion Ratio Lower Upper

94 100

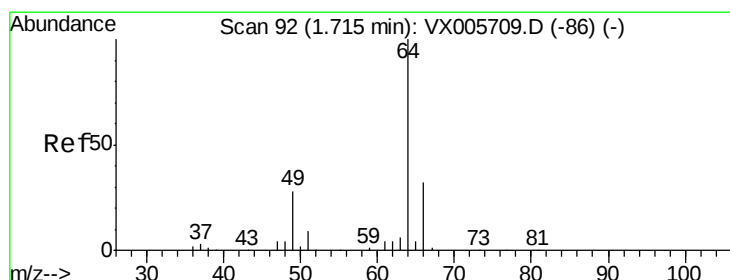
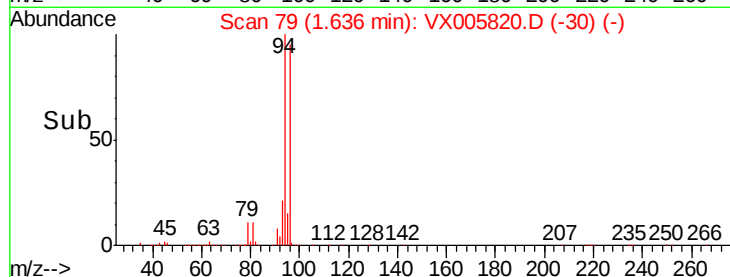
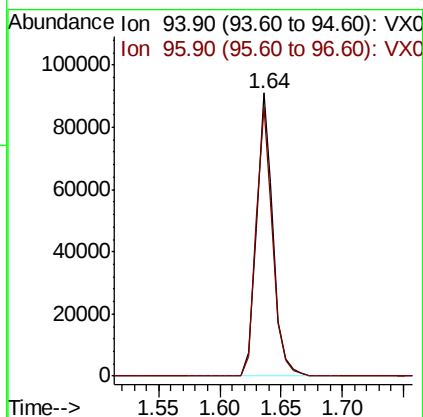
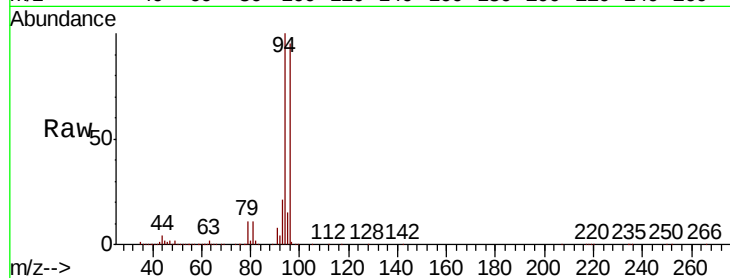
96 94.9 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 44.742 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX005820.D

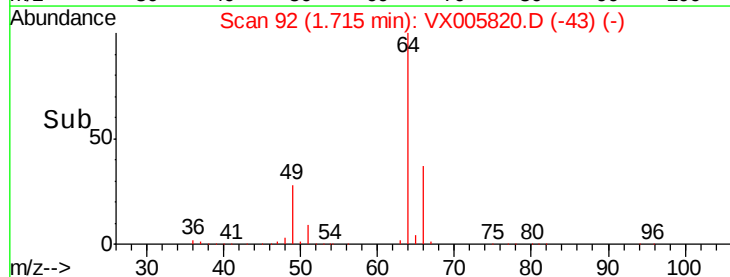
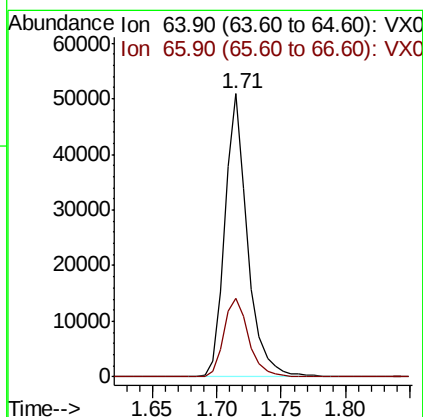
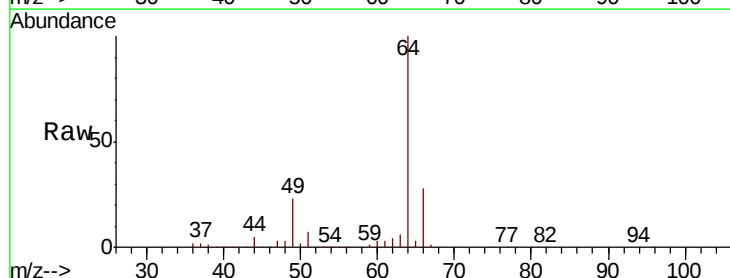
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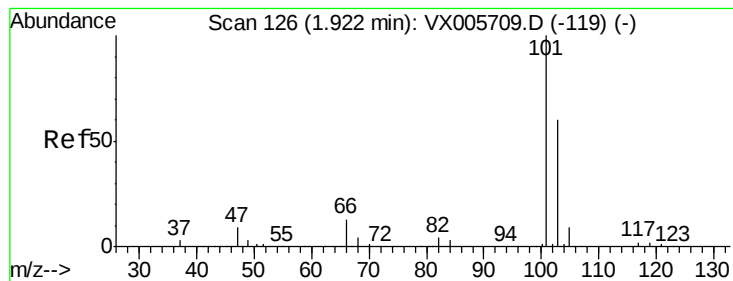
Tgt Ion: 64 Resp: 63000

Ion Ratio Lower Upper

64 100

66 27.9 25.8 38.6





#7

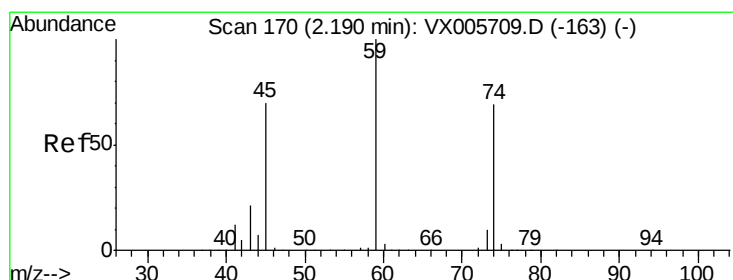
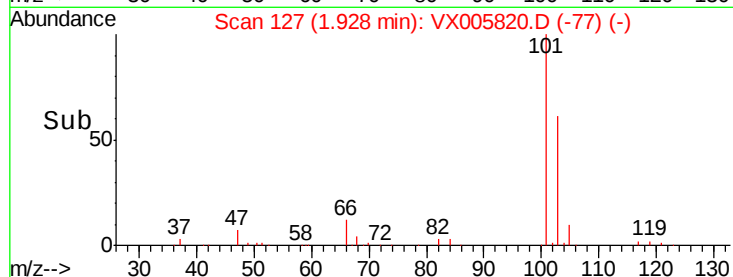
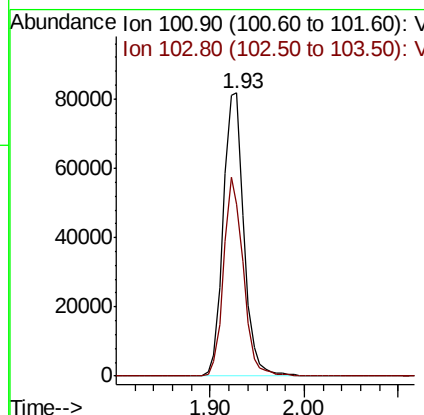
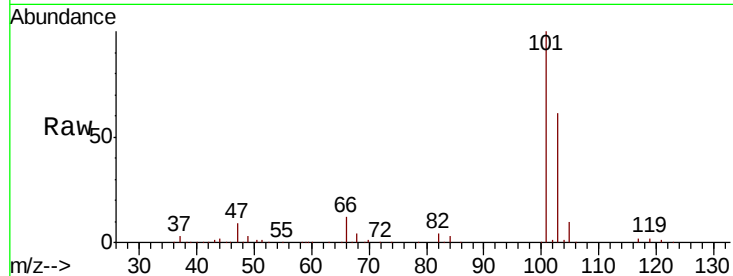
Trichlorofluoromethane
 Concen: 43.737 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005820.D
 Acq: 06 Nov 2018 20:11

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Tot Ion	Ratio	Lower	Upper
101	100		
103	60.6	50.0	75.0

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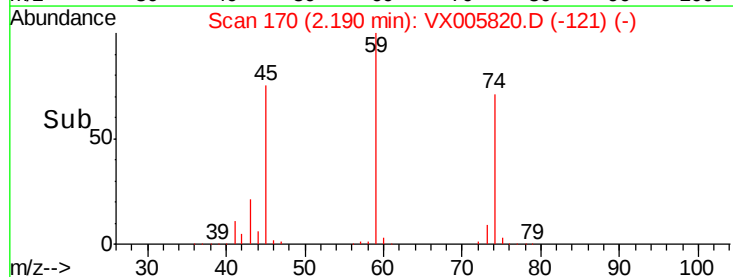
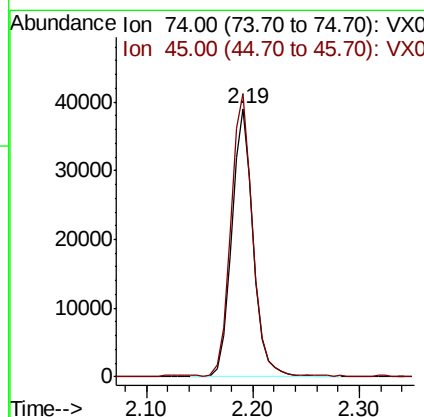
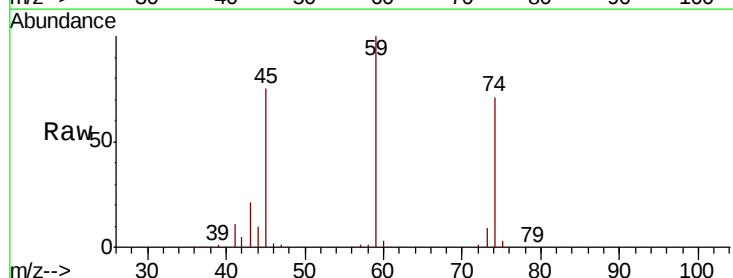
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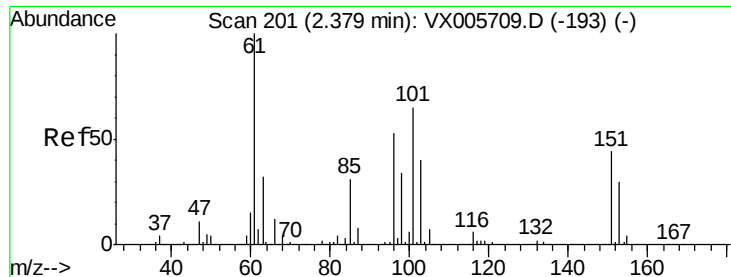


#8

Diethyl Ether
 Concen: 43.036 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX005820.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.0	54.1	162.3





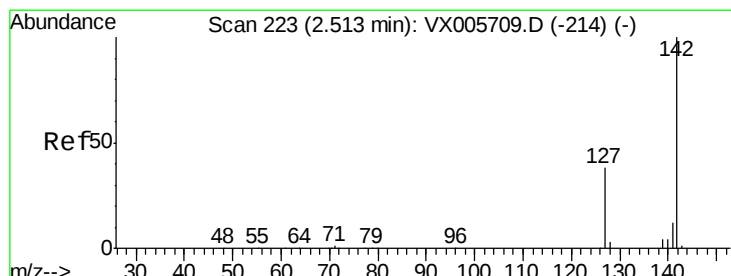
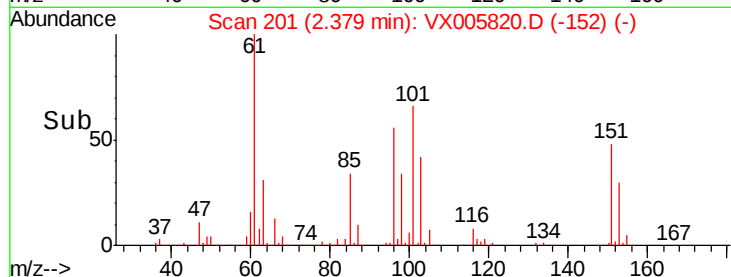
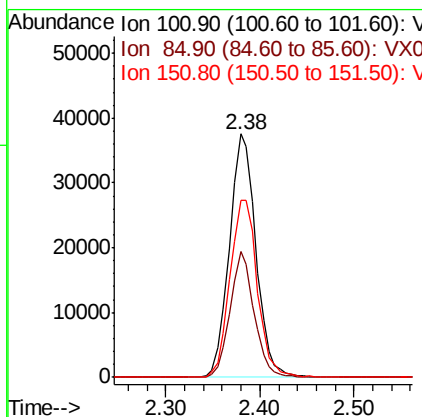
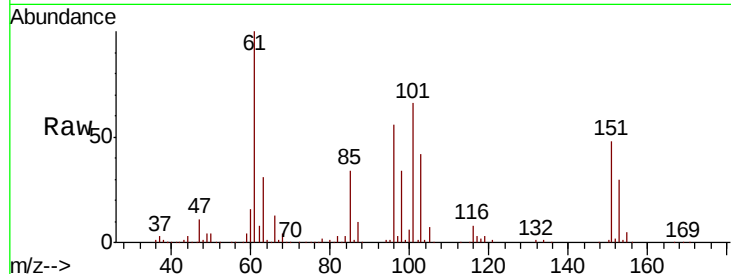
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 42.542 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.00 min
 Lab File: VX005820.D
 Acq: 06 Nov 2018 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
85	46.9	35.0	52.4
151	75.1	66.2	99.2

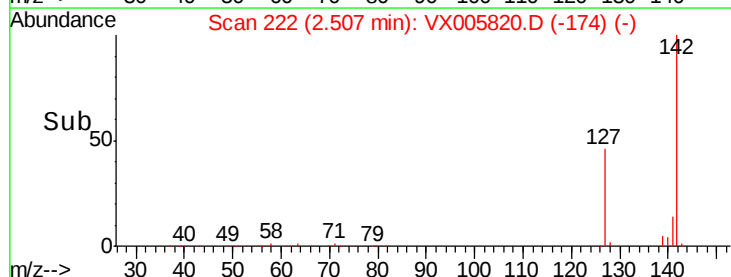
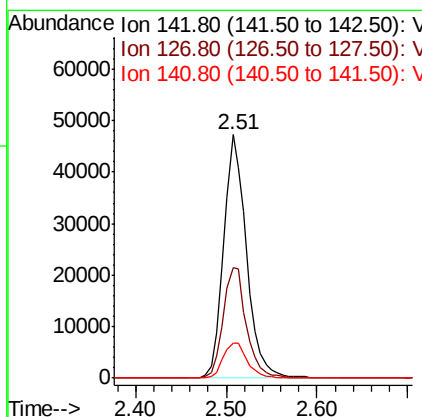
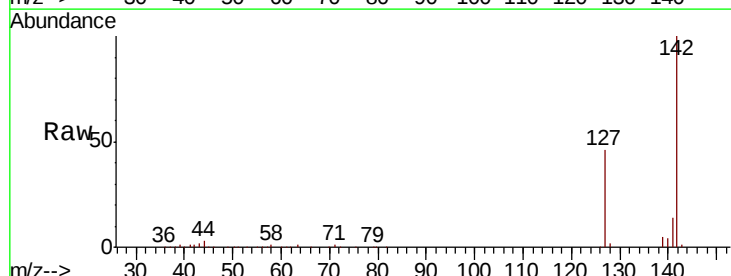
Manual Integrations
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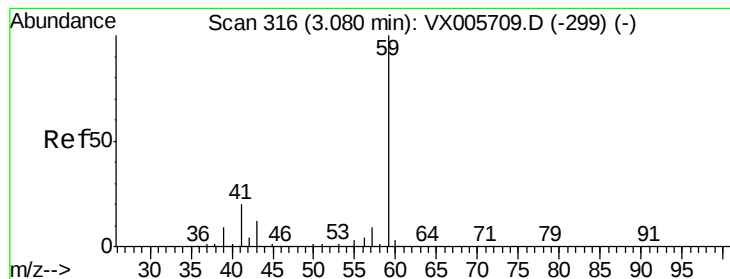
MMDadoda
 11/7/2018 12:40:46 PM



#10
 Methyl Iodide
 Concen: 49.326 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VX005820.D
 Acq: 06 Nov 2018 20:11

Tgt Ion	Ratio	Lower	Upper
142	100		
127	46.2	36.0	54.0
141	15.3	11.7	17.5





#11

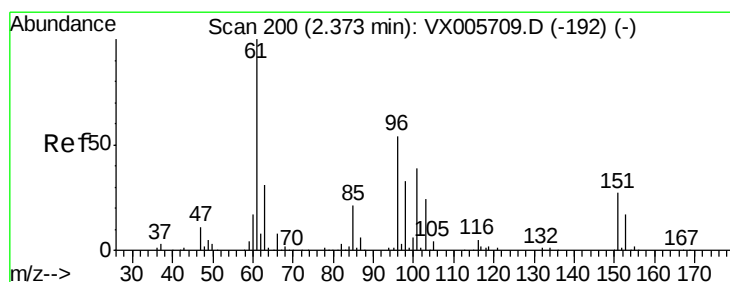
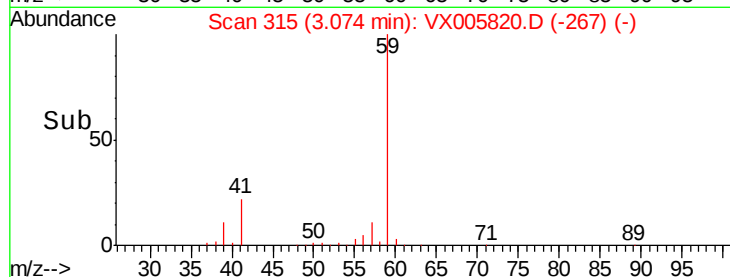
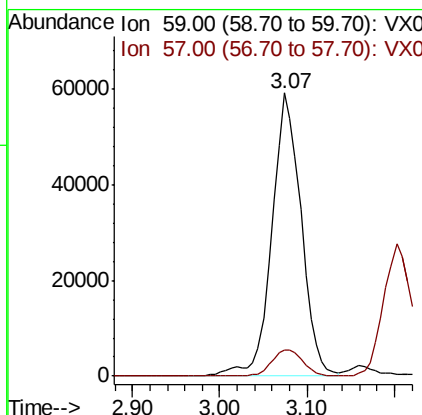
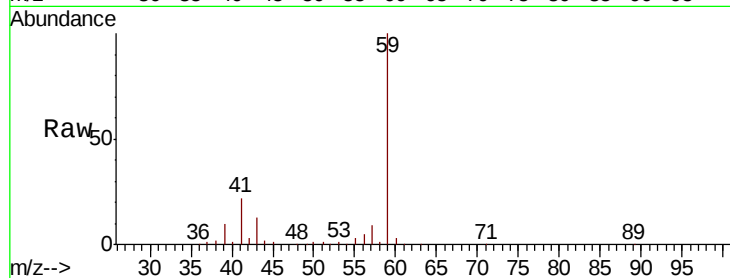
Tert butyl alcohol
Concen: 223.676 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	57	Ratio	100	10.1	Resp	138594	Lower	8.5	Upper	12.7
Ion	59	57	Ratio	100	10.1	Resp	138594	Lower	8.5	Upper	12.7

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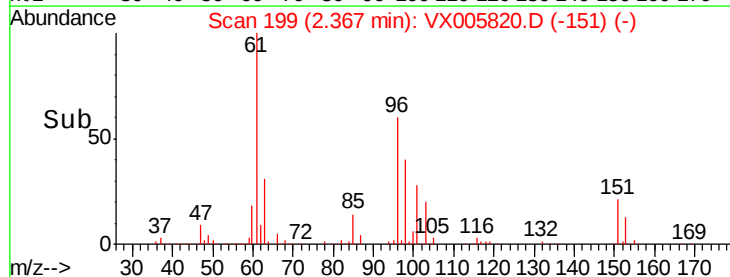
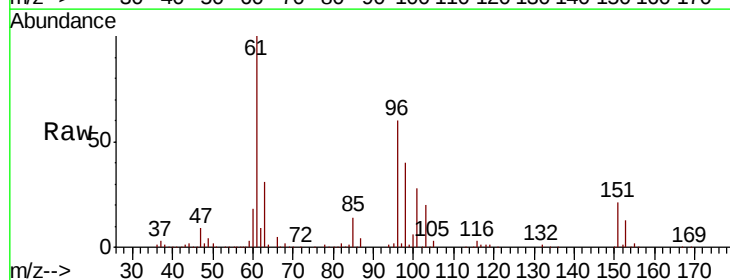
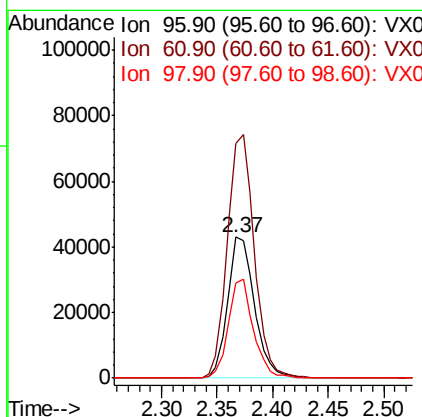
MMDadoda
11/7/2018 12:40:46 PM

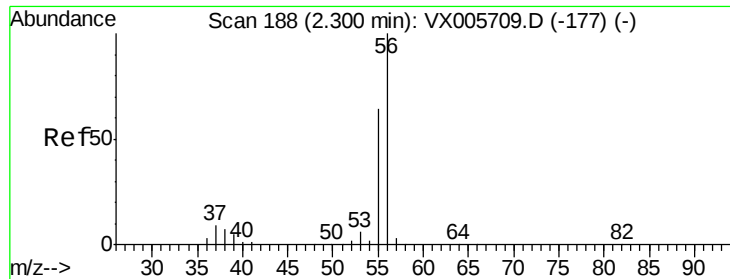


#12

1,1-Dichloroethene
Concen: 42.805 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Tgt Ion	96	61	98	Ratio	100	167.1	67.3	Resp	71948	Lower	131.8	53.4	Upper	197.8	80.2
Ion	96	61	98	Ratio	100	167.1	67.3	Resp	71948	Lower	131.8	53.4	Upper	197.8	80.2





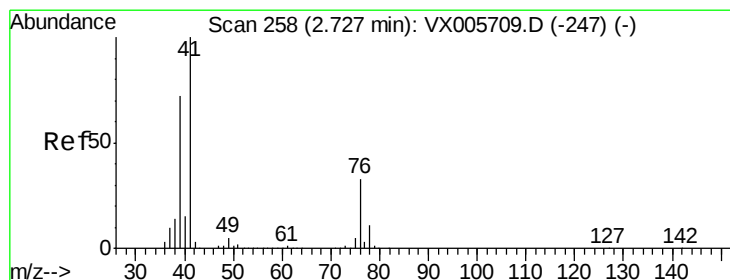
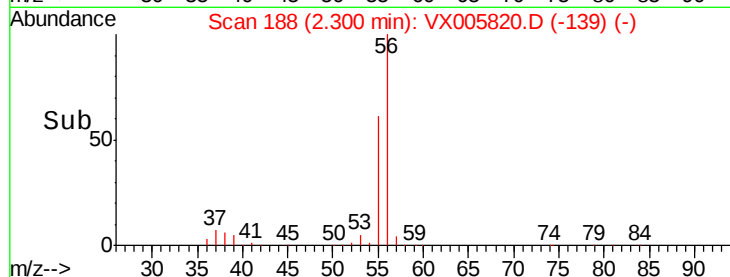
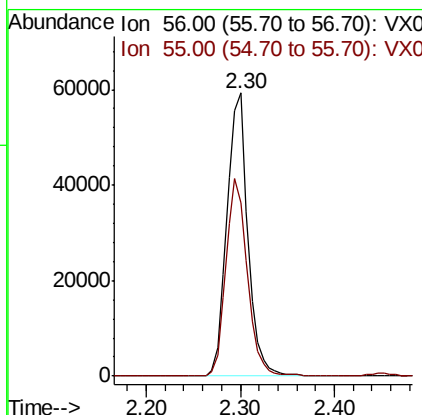
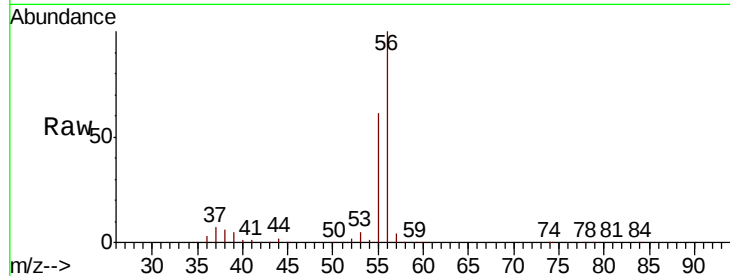
#13
Acrolein
Concen: 209.839 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.2	57.3	85.9

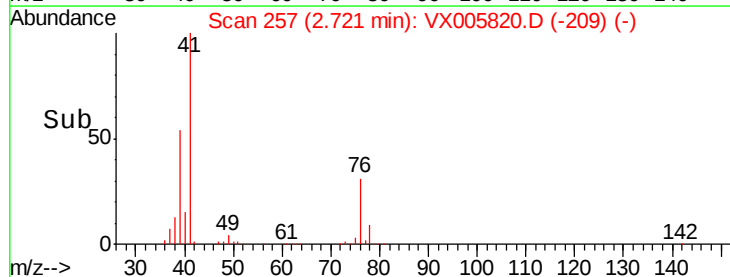
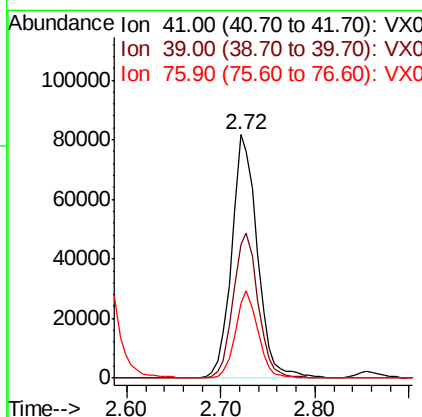
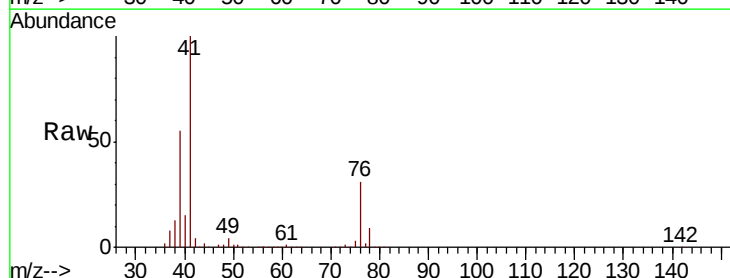
Manual Integrations
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#14
Allyl chloride
Concen: 44.378 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.01 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.5	48.2	72.4
76	31.7	21.9	32.9





#15

Acrylonitrile

Concen: 233.420 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005820.D

Acq: 06 Nov 2018 20:11

Instrument :

MSVOA_X

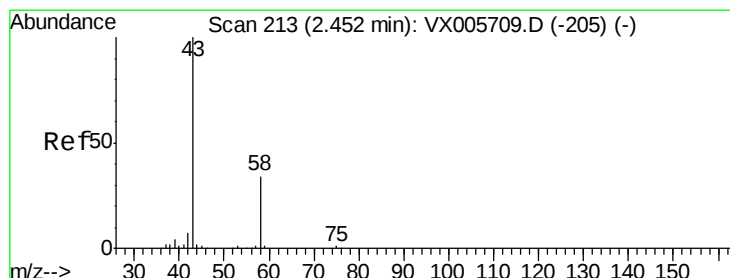
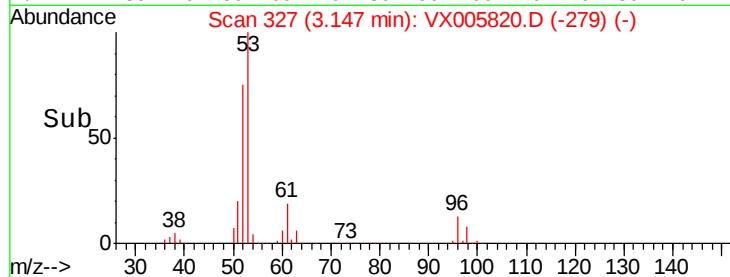
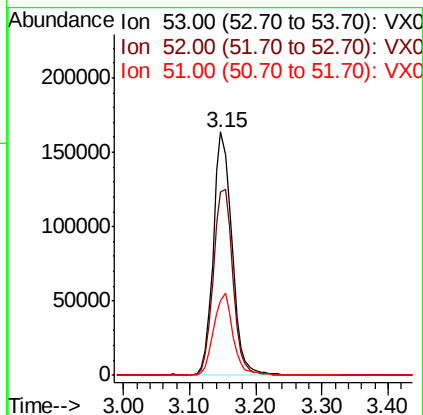
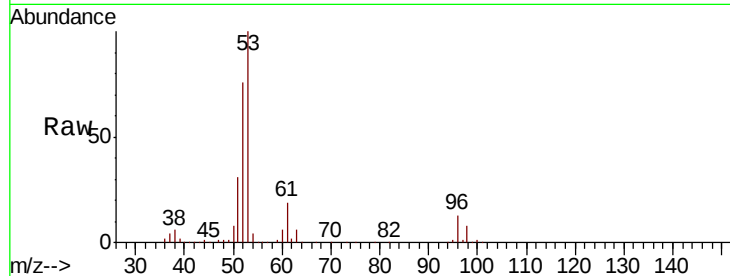
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	318042
Ion	Ratio	Lower	Upper
53	100		
52	79.8	66.6	99.8
51	34.6	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 223.982 ug/l

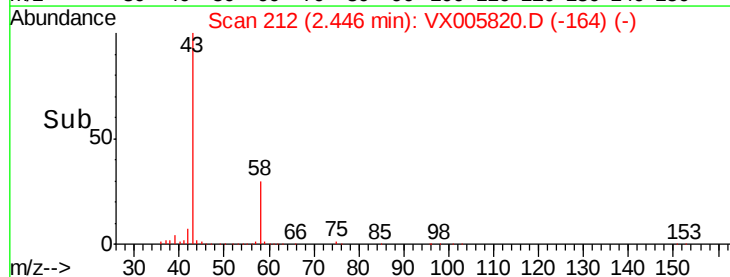
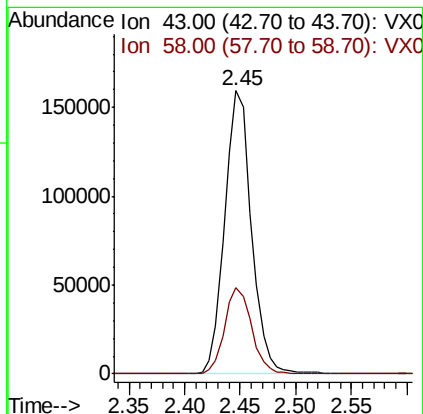
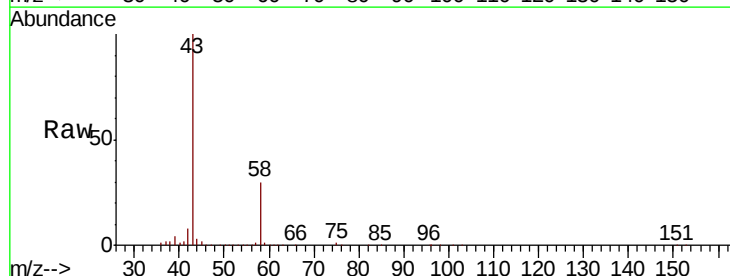
RT: 2.45 min Scan# 212

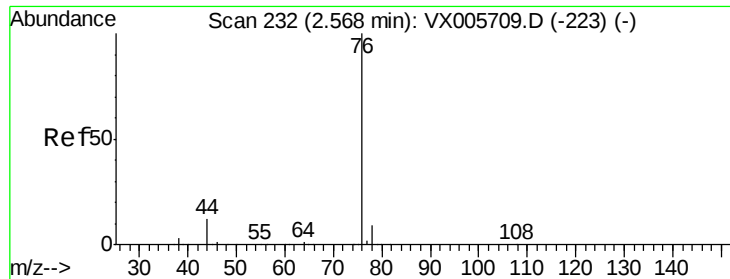
Delta R.T. -0.01 min

Lab File: VX005820.D

Acq: 06 Nov 2018 20:11

Tgt Ion:	43	Resp:	263907
Ion	Ratio	Lower	Upper
43	100		
58	30.3	23.8	35.6





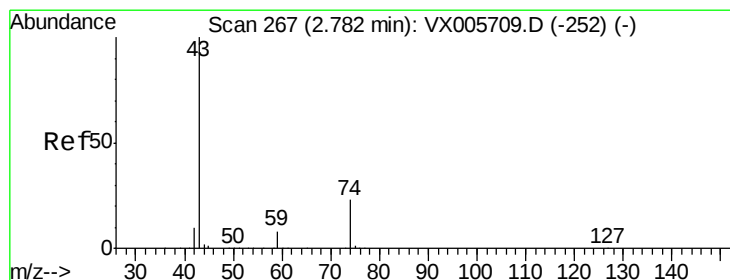
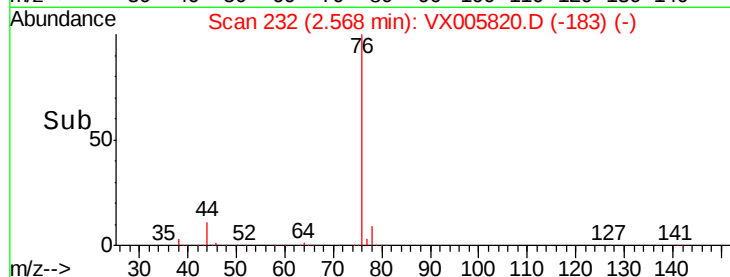
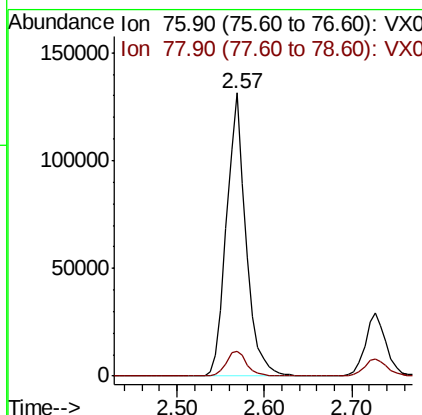
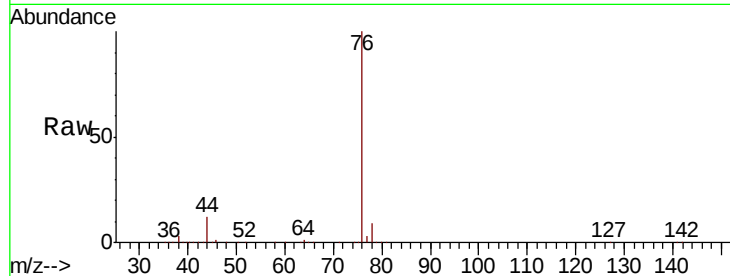
#17
Carbon Disulfide
Concen: 39.186 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.3	10.9

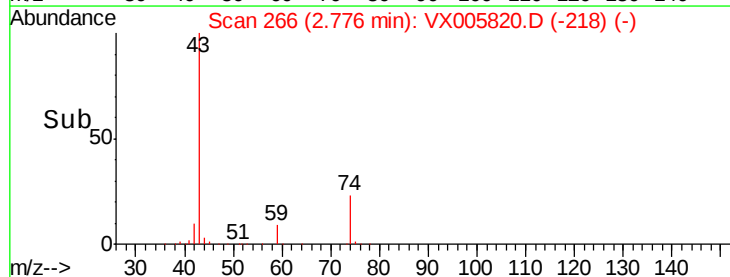
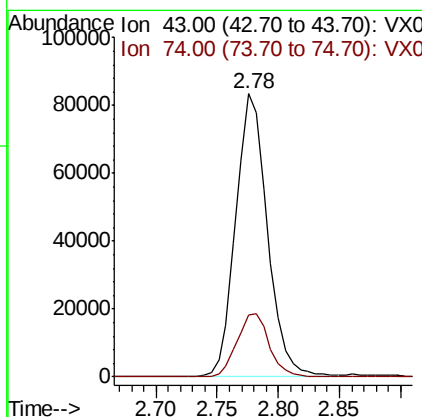
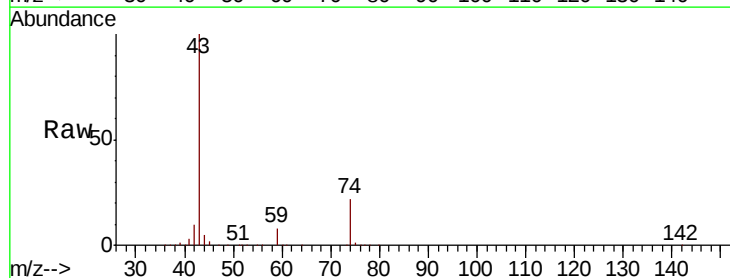
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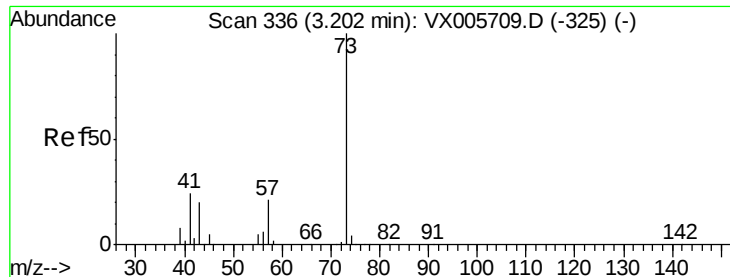
MMDadoda
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#18
Methyl Acetate
Concen: 45.532 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	16.8	25.2





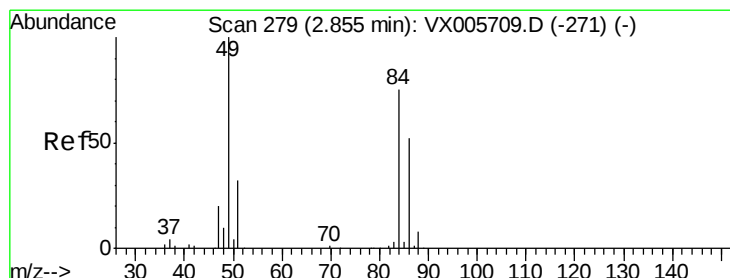
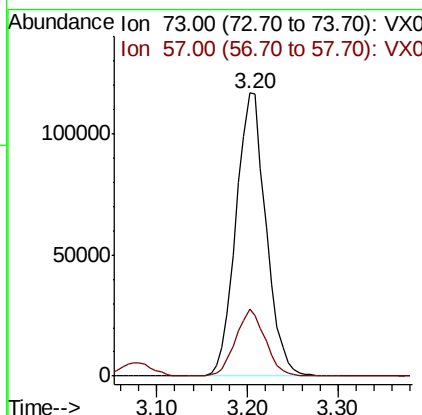
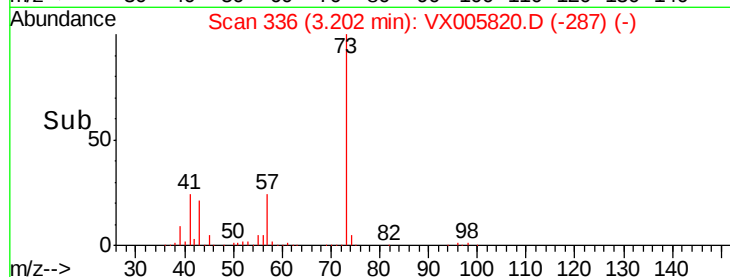
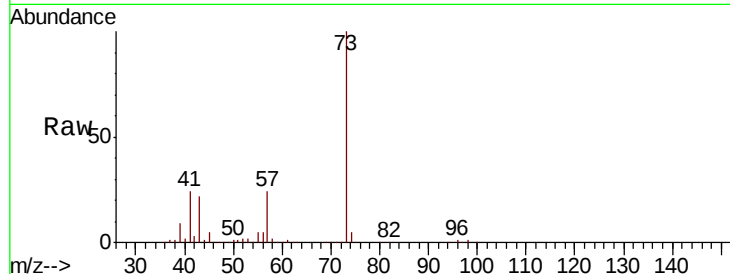
#19
Methyl tert-butyl Ether
Concen: 46.115 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.7	18.8	28.2

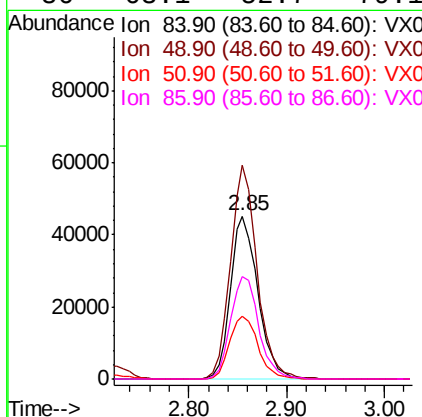
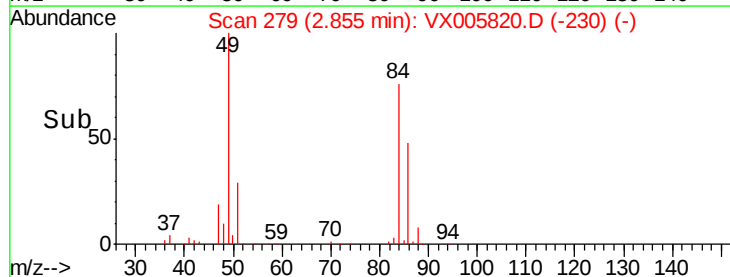
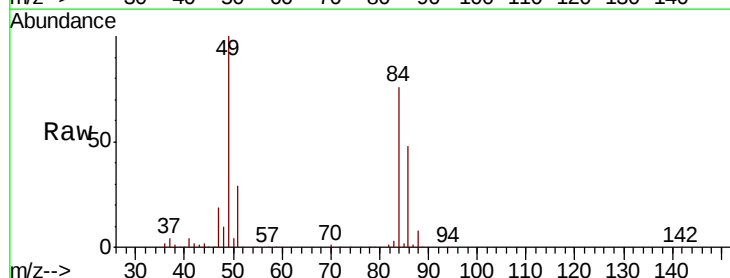
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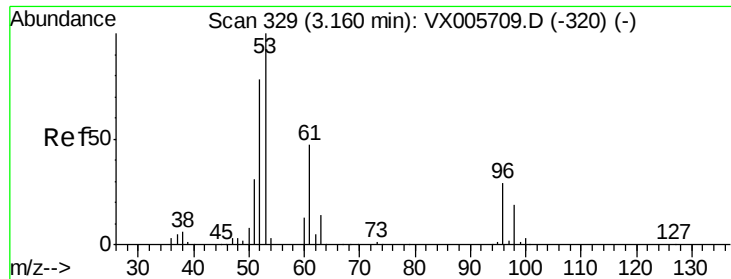
MMDadoda
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#20
Methylene Chloride
Concen: 44.728 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.9	109.5	164.3
51	38.3	33.3	49.9
86	63.1	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 44.454 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005820.D

Acq: 06 Nov 2018 20:11

Instrument :

MSVOA_X

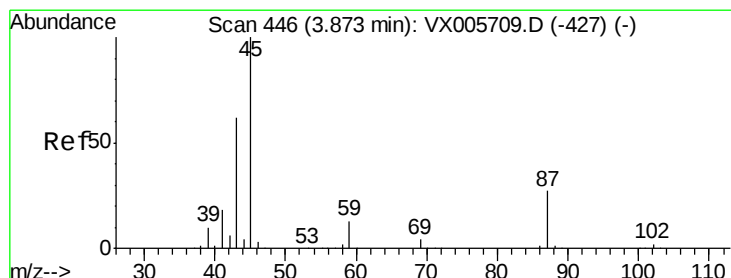
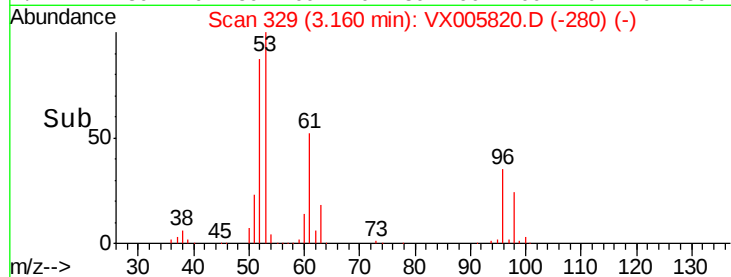
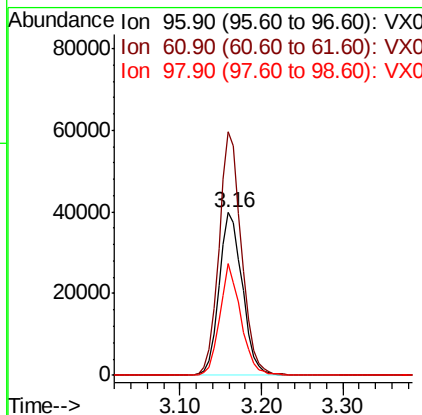
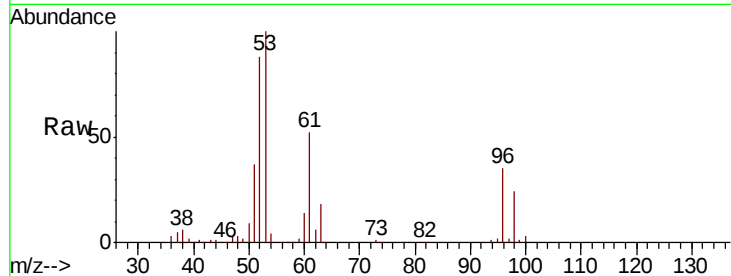
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	79063
Ion	Ratio	Lower	Upper
96	100		
61	149.7	115.6	173.4
98	68.5	50.2	75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 43.205 ug/l

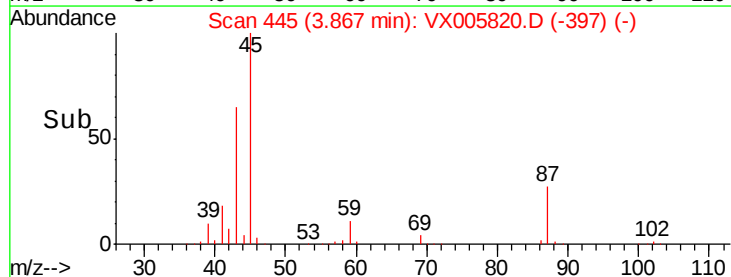
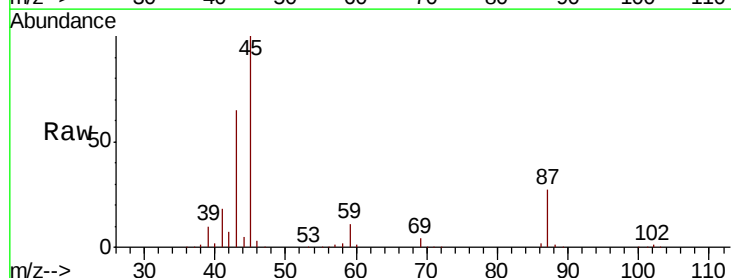
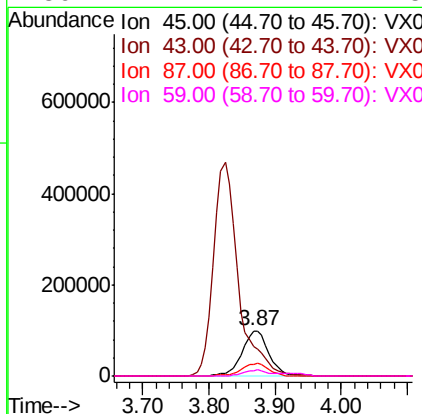
RT: 3.87 min Scan# 445

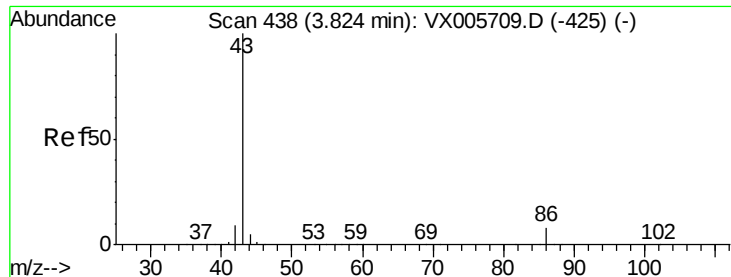
Delta R.T. -0.01 min

Lab File: VX005820.D

Acq: 06 Nov 2018 20:11

Tgt Ion:	45	Resp:	278550
Ion	Ratio	Lower	Upper
45	100		
43	64.4	47.4	71.2
87	27.0	15.9	23.9
59	11.1	7.7	11.5





#23

Vinyl Acetate

Concen: 218.729 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005820.D

Acq: 06 Nov 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1228299

Ion Ratio Lower Upper

43 100

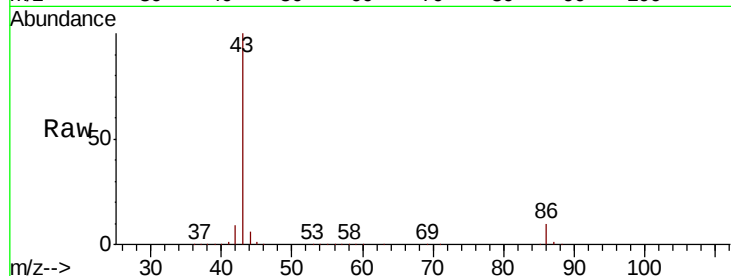
86 10.0 7.4 11.2

Manual Integrations

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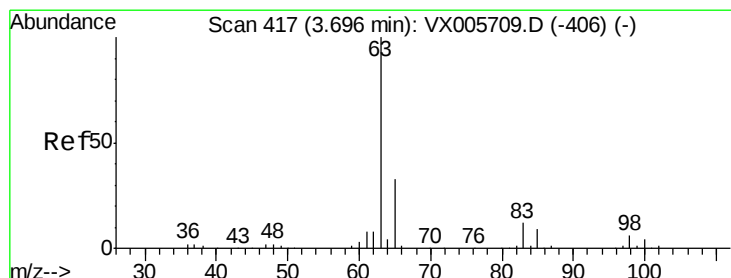
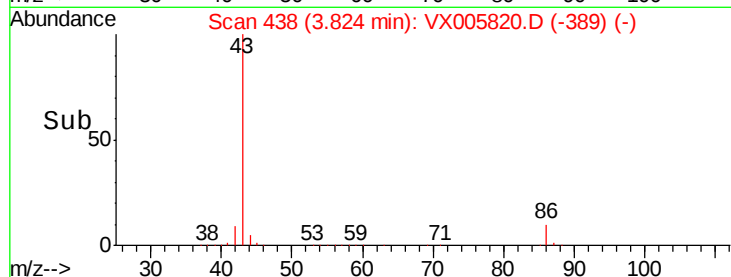
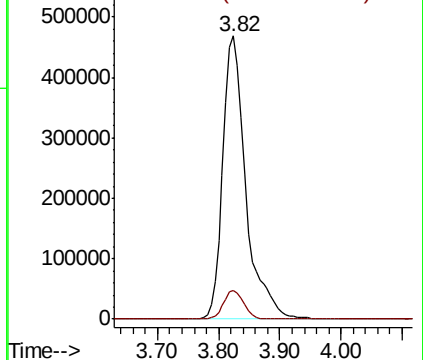
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 44.196 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX005820.D

Acq: 06 Nov 2018 20:11

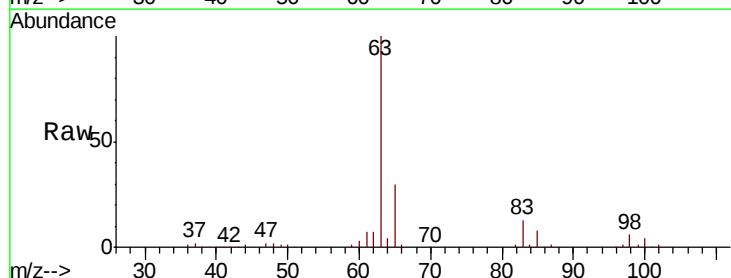
Tgt Ion: 63 Resp: 161123

Ion Ratio Lower Upper

63 100

98 5.8 3.2 9.6

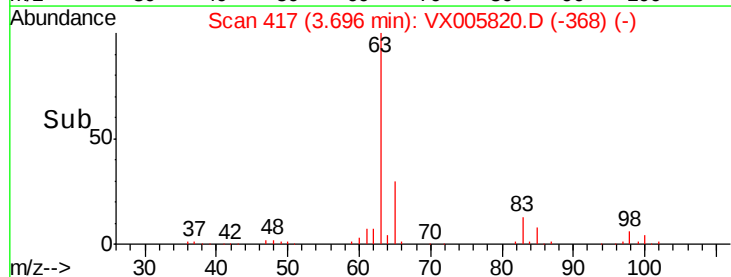
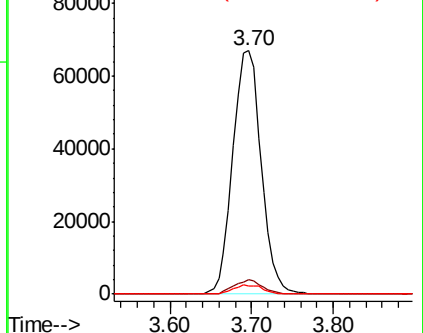
100 3.5 2.1 6.2

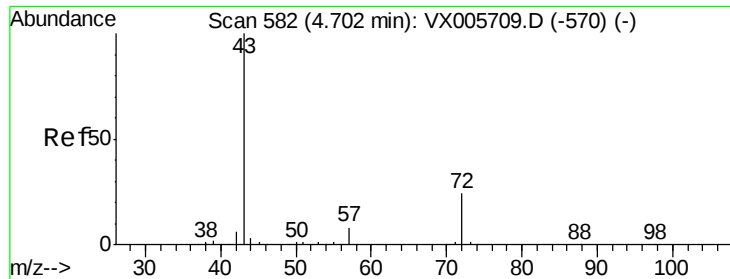


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 215.596 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX005820.D

Acq: 06 Nov 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 414949

Ion Ratio Lower Upper

43 100

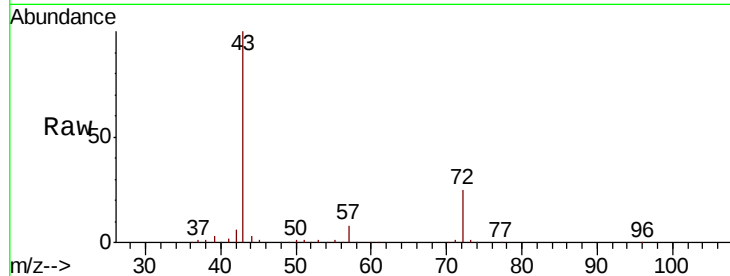
72 24.9 19.2 28.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

100000

50000

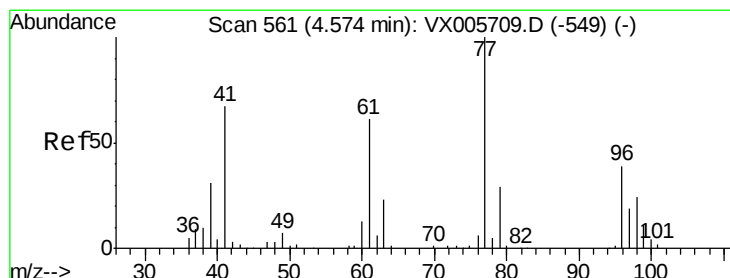
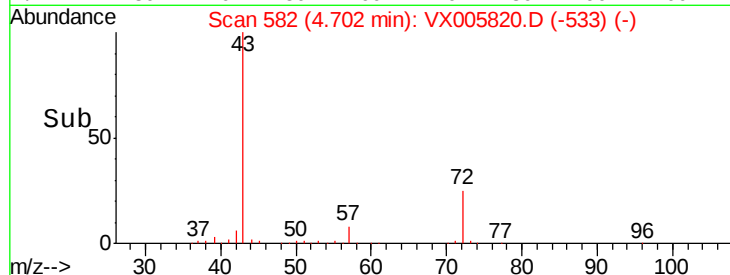
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 37.438 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX005820.D

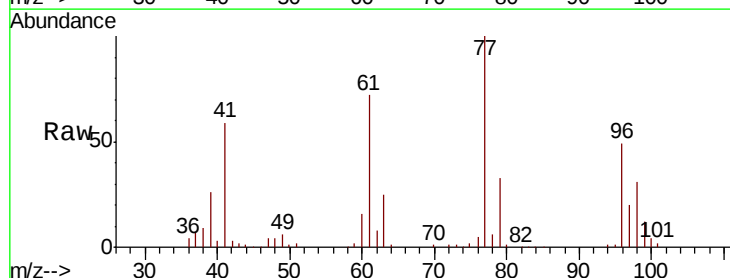
Acq: 06 Nov 2018 20:11

Tgt Ion: 77 Resp: 102027

Ion Ratio Lower Upper

77 100

97 24.3 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

20000

10000

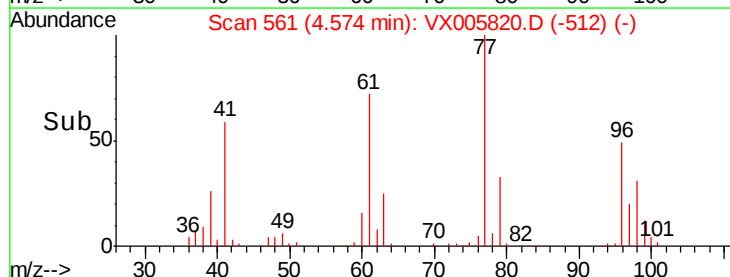
0

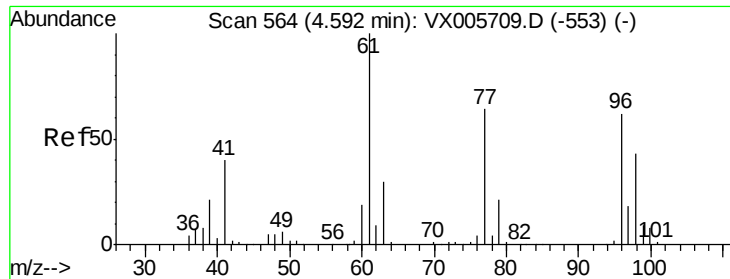
4.50

4.60

4.70

Time-->





#27

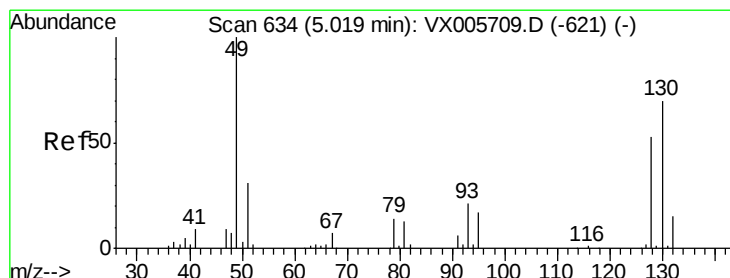
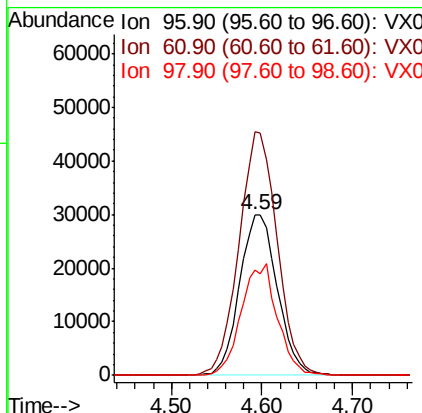
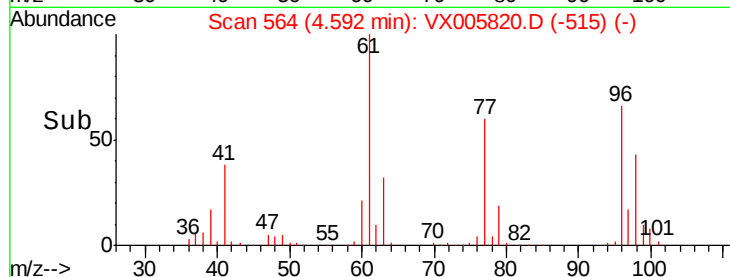
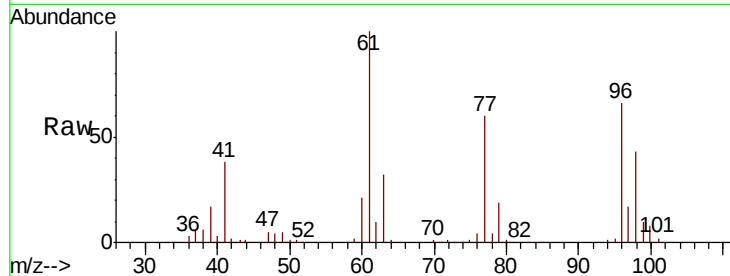
cis-1,2-Dichloroethene
Concen: 43.320 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.7	0.0	304.6
98	66.0	0.0	127.4

Manual Integrations
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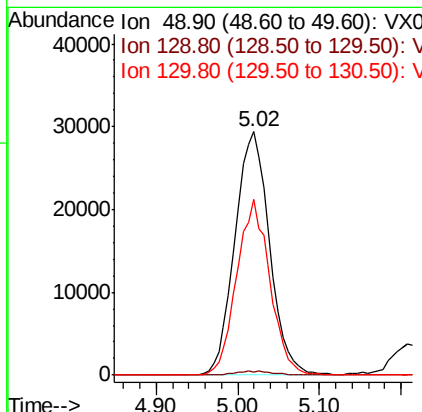
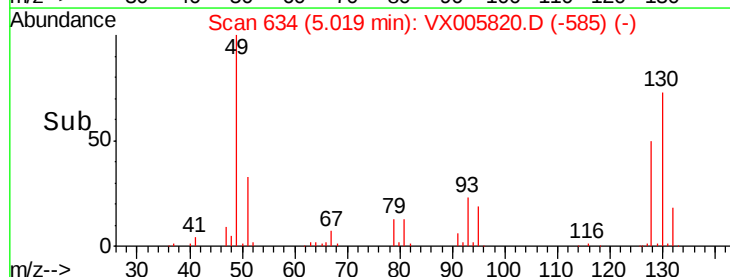
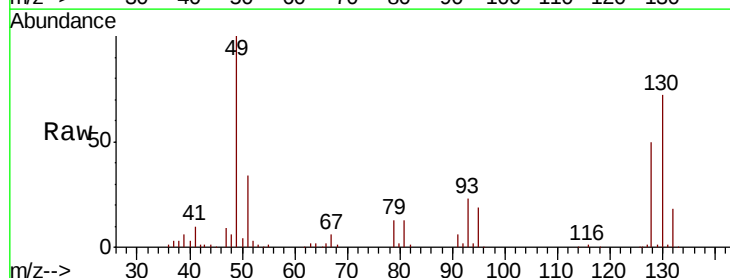
MMDadoda
11/7/2018 12:40:46 PM

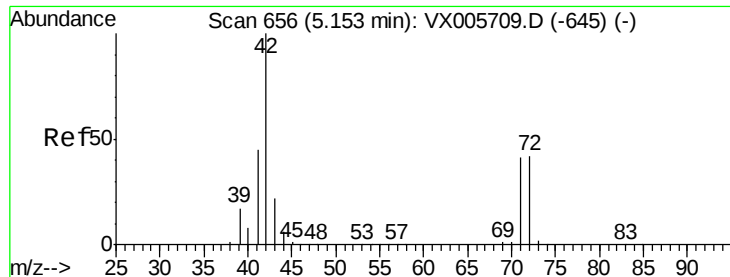


#28

Bromochloromethane
Concen: 48.798 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	68.7	58.9	88.3





#29

Tetrahydrofuran

Concen: 226.597 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX005820.D

Acq: 06 Nov 2018 20:11

Instrument :

MSVOA_X

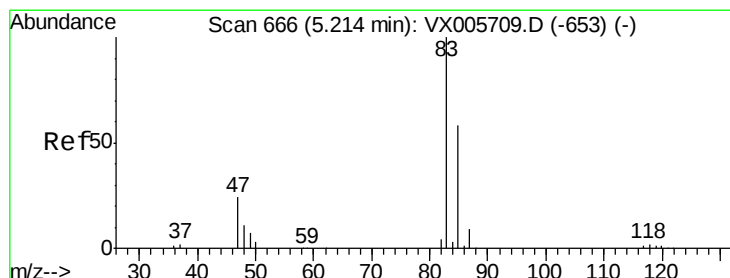
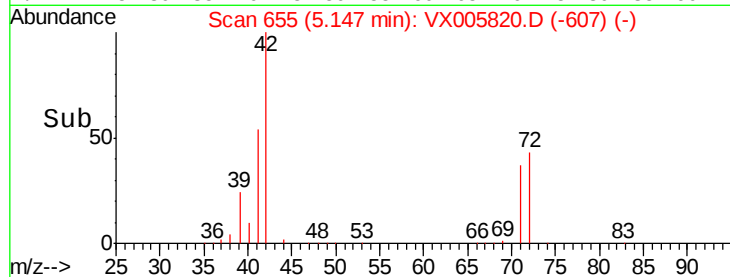
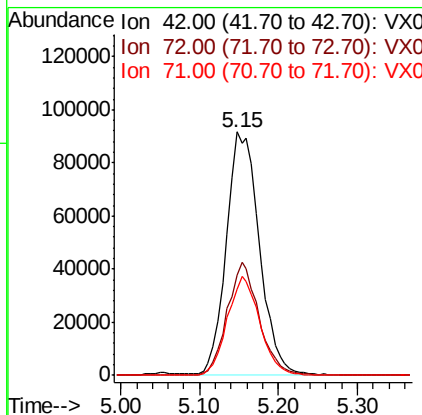
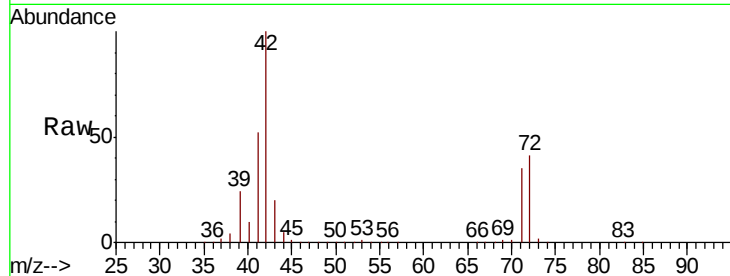
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	266193
Ion	Ratio	Lower	Upper
42	100		
72	45.0	32.0	48.0
71	40.1	29.8	44.8

Manual Integrations
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#30

Chloroform

Concen: 43.614 ug/l

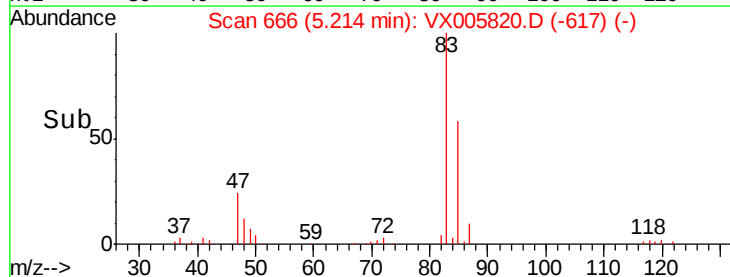
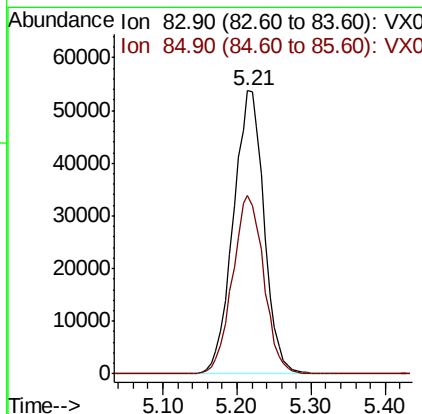
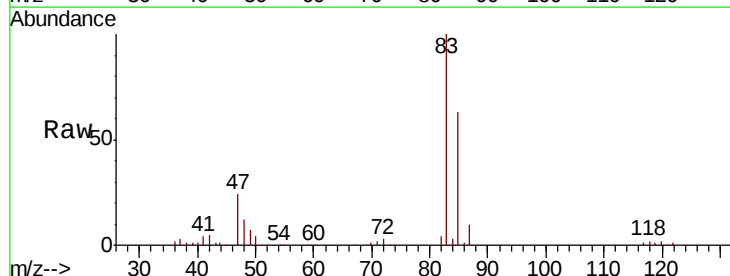
RT: 5.21 min Scan# 666

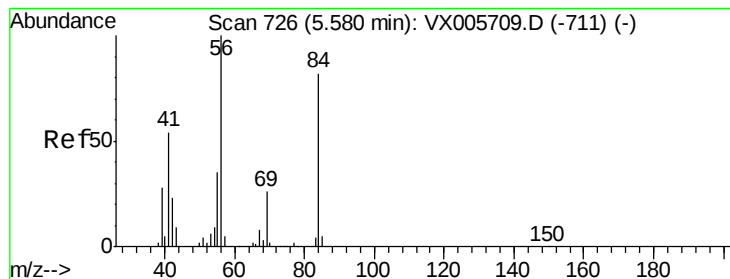
Delta R.T. 0.00 min

Lab File: VX005820.D

Acq: 06 Nov 2018 20:11

Tgt Ion:	83	Resp:	155454
Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.6	76.0





#31

Cyclohexane

Concen: 44.207 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX005820.D

Acq: 06 Nov 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 134769

Ion Ratio Lower Upper

56 100

69 32.6 22.6 34.0

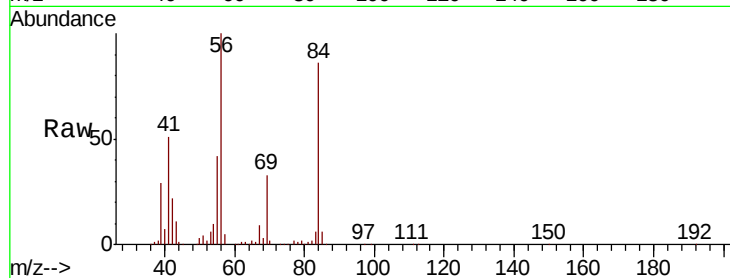
84 84.9 62.7 94.1

Manual Integrations

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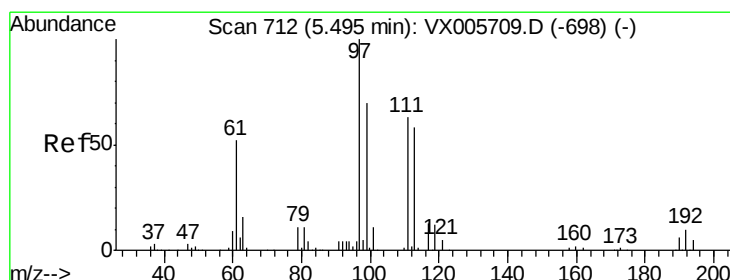
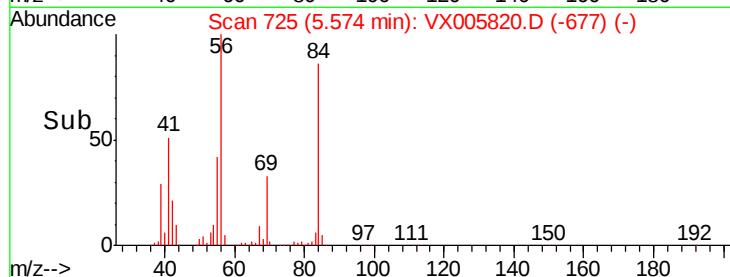
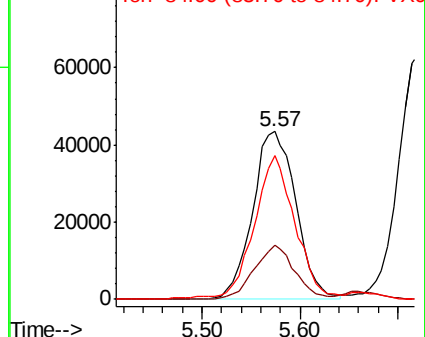


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 43.199 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX005820.D

Acq: 06 Nov 2018 20:11

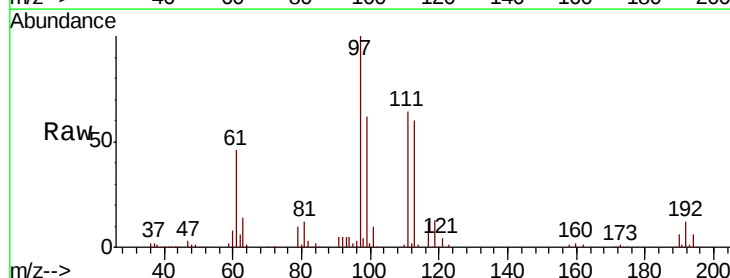
Tgt Ion: 97 Resp: 123229

Ion Ratio Lower Upper

97 100

99 65.6 52.3 78.5

61 48.9 35.2 52.8

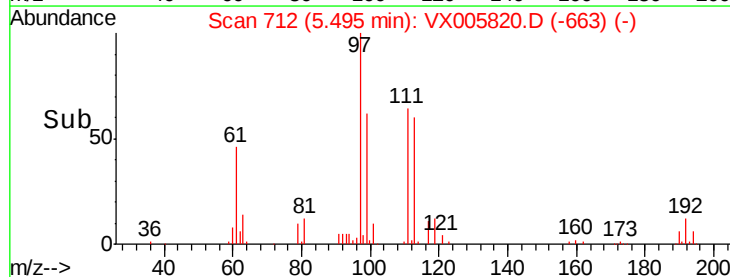
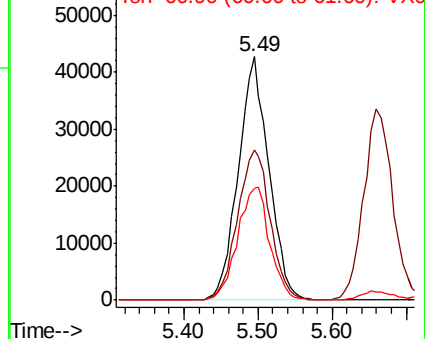


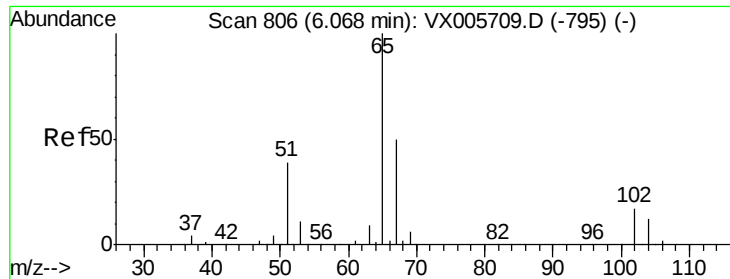
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





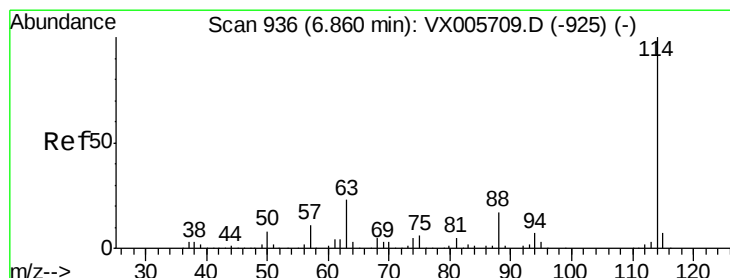
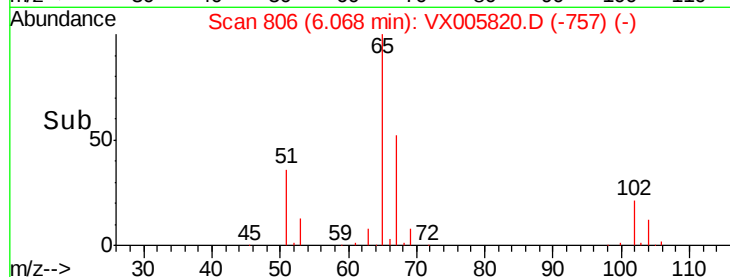
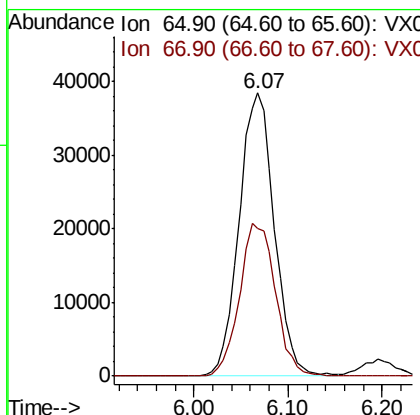
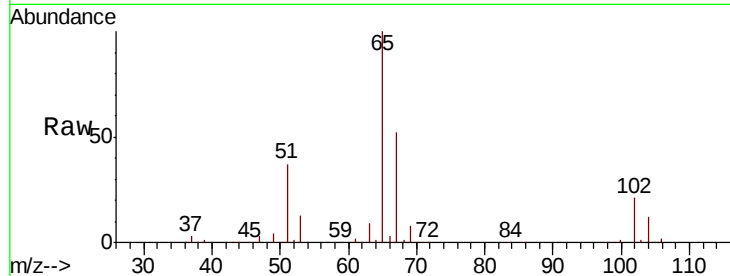
#33
 1,2-Dichloroethane-d4
 Concen: 44.083 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005820.D
 Acq: 06 Nov 2018 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	105.0

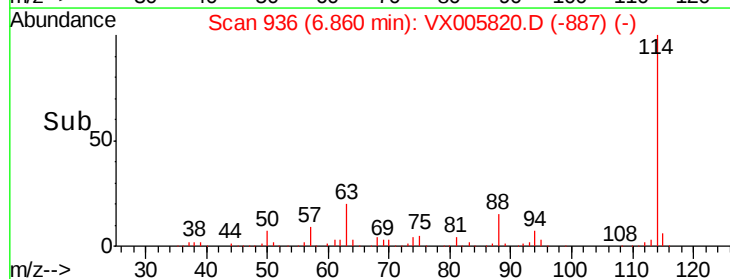
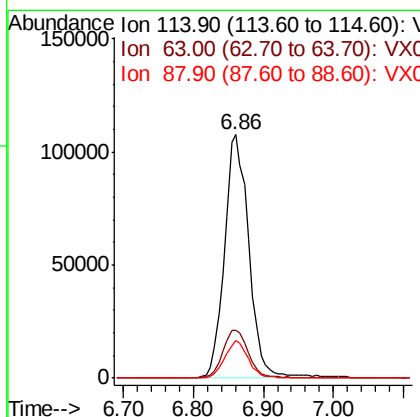
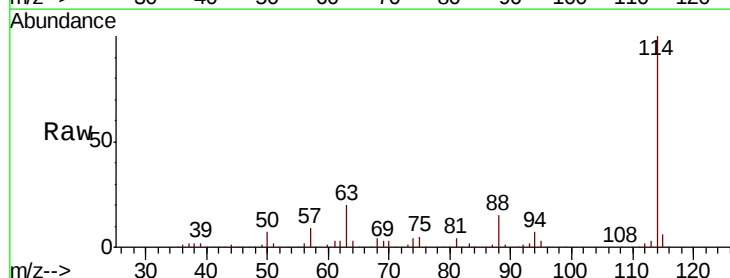
Manual Integrations
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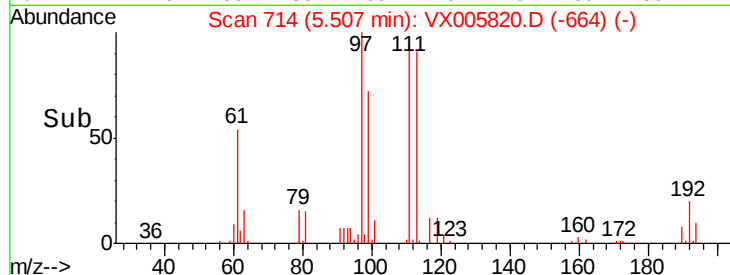
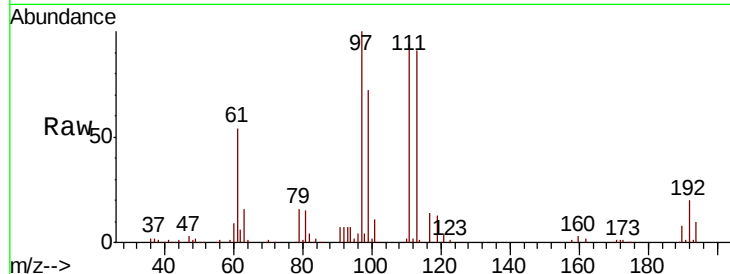
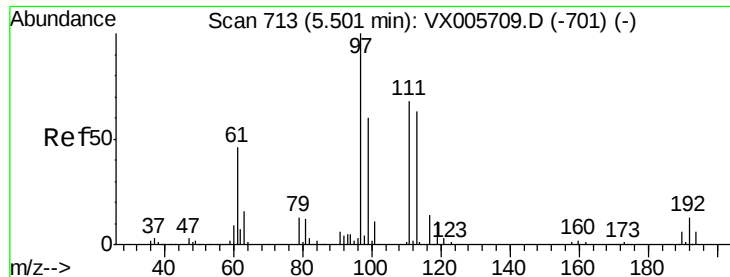
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005820.D
 Acq: 06 Nov 2018 20:11

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	42.8
88	15.4	0.0	31.2





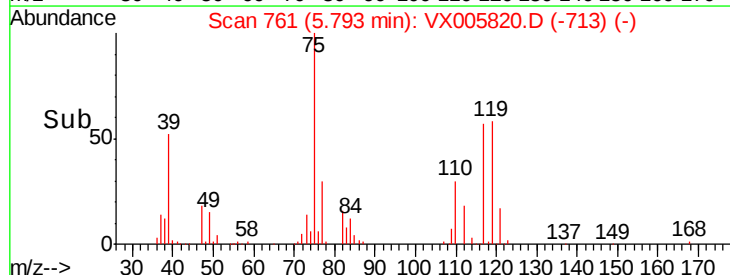
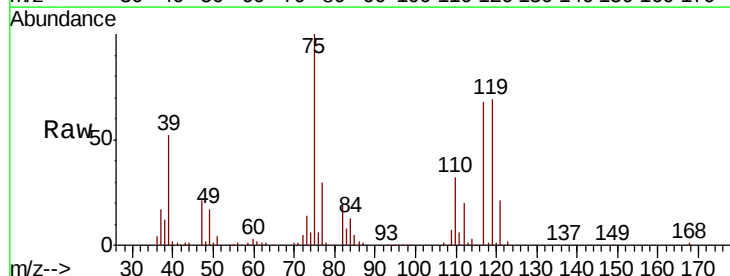
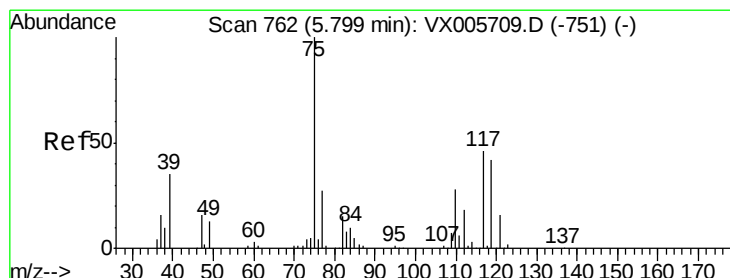
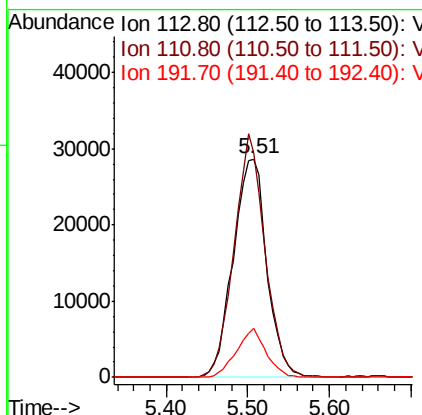
#35
Dibromofluoromethane
Concen: 45.114 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.4	82.3	123.5	
192	19.8	17.9	26.9	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

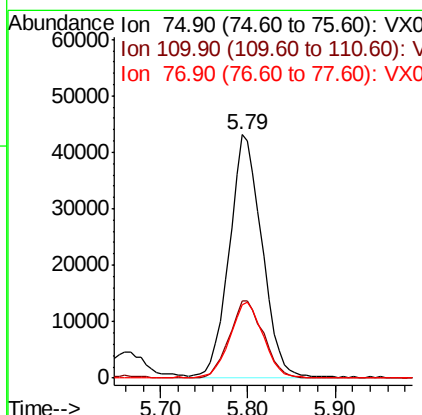
Manual Integrations
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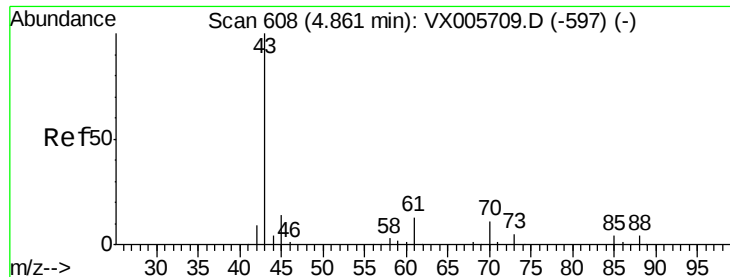
MMDadoda
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#36
1,1-Dichloropropene
Concen: 39.994 ug/l
RT: 5.79 min Scan# 761
Delta R.T. -0.01 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	33.6	17.4	52.2	
77	31.4	25.8	38.6	





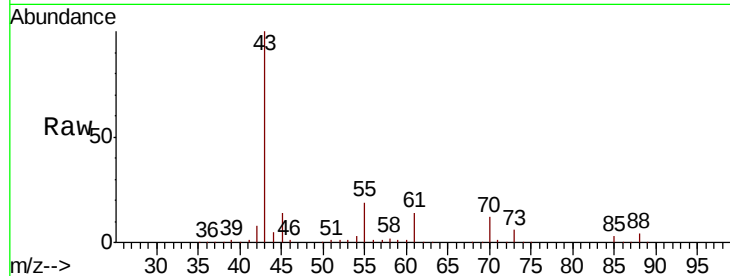
#37
Ethyl Acetate
Concen: 40.966 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	10.8	16.2
70	11.3	7.8	11.8

Manual Integrations
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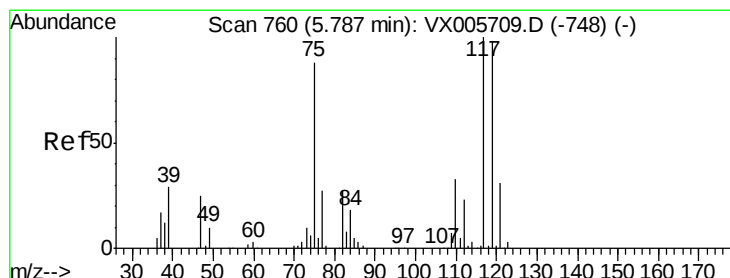
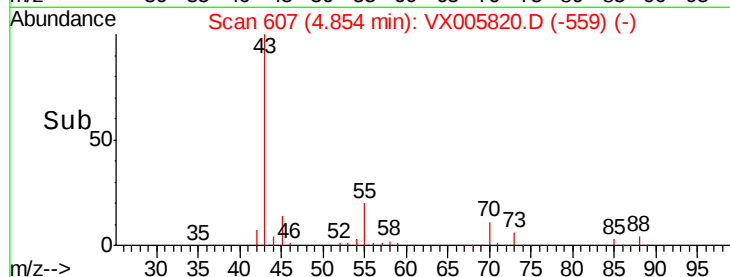
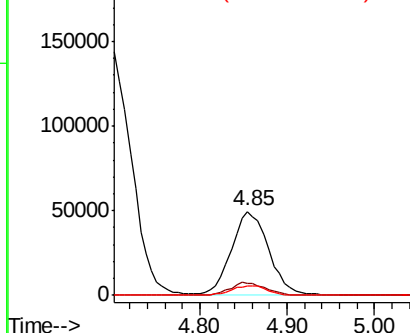


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 41.011 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

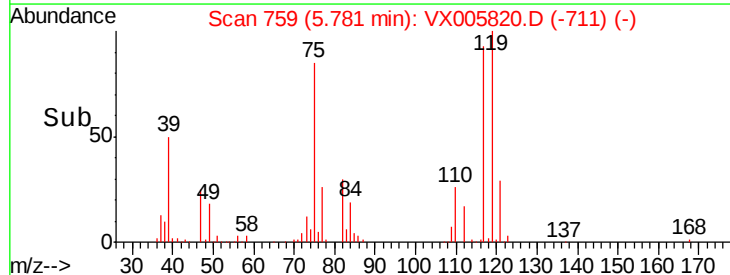
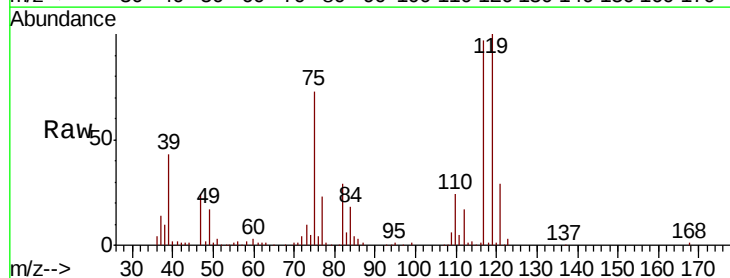
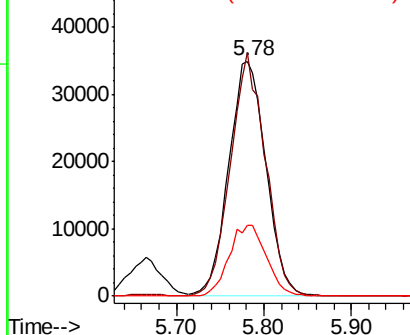
Tgt Ion	Ratio	Lower	Upper
117	100		
119	103.4	78.1	117.1
121	29.9	24.6	36.8

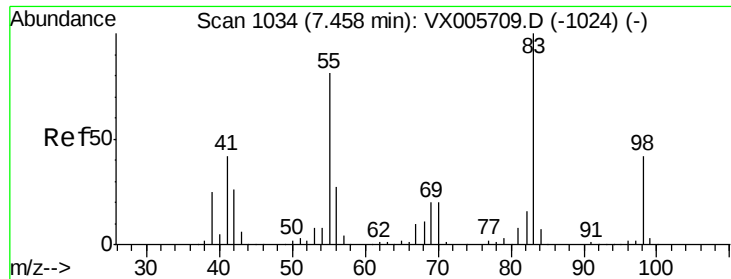
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





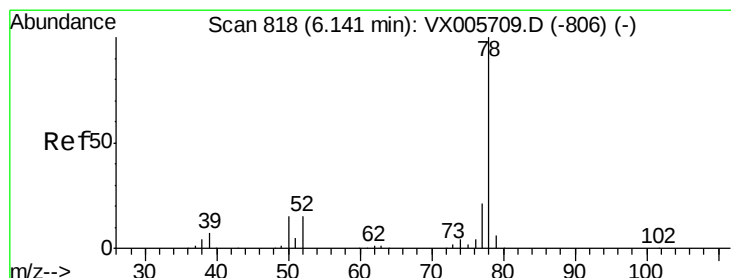
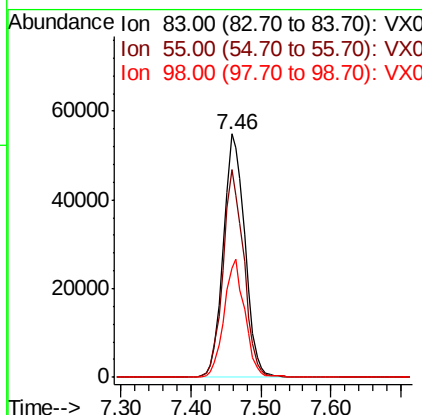
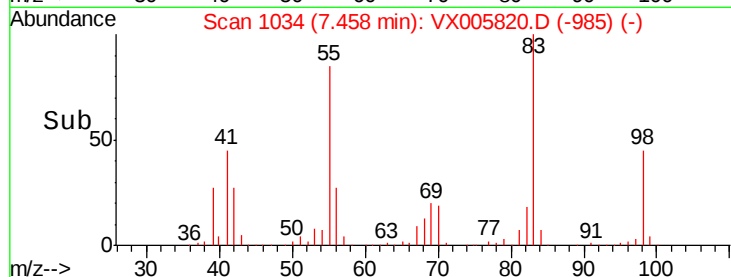
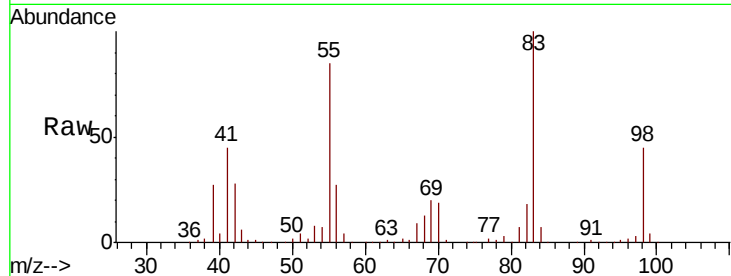
#39
Methvlcvclohexane
Concen: 40.494 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.4	63.7	95.5
98	44.9	36.2	54.2

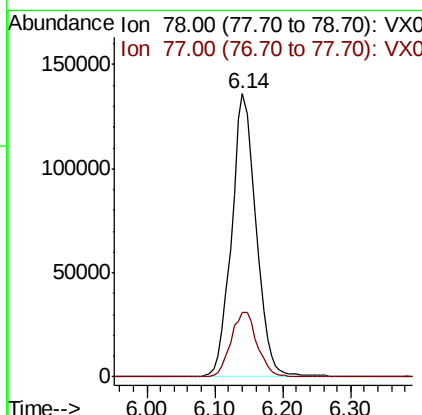
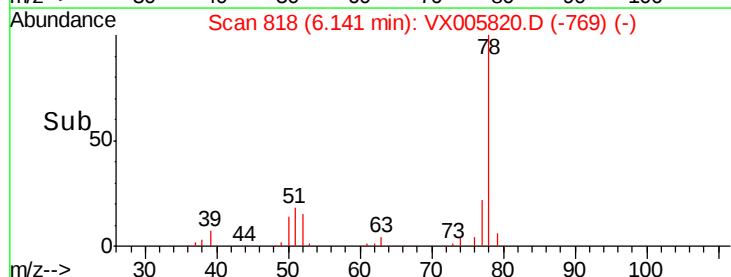
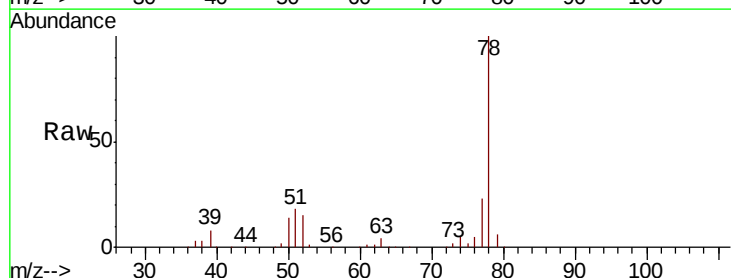
Manual Integrations
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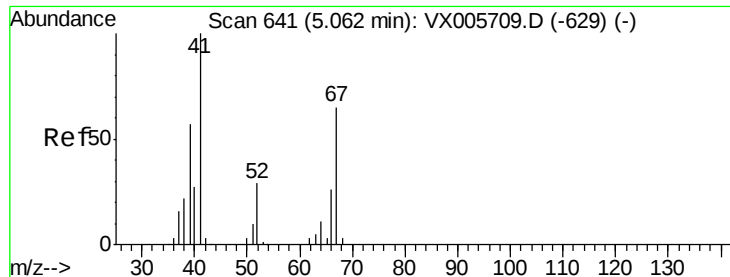
MMDadoda
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#40
Benzene
Concen: 41.400 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.4	27.6





#41

Methacrylonitrile

Concen: 43.413 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX005820.D

Acq: 06 Nov 2018 20:11

Instrument :

MSVOA_X

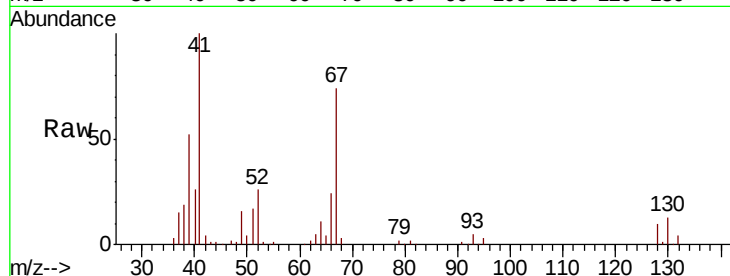
ClientSampleId :

VSTDCCC050EC

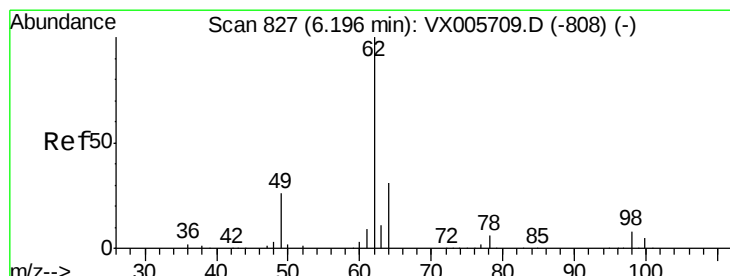
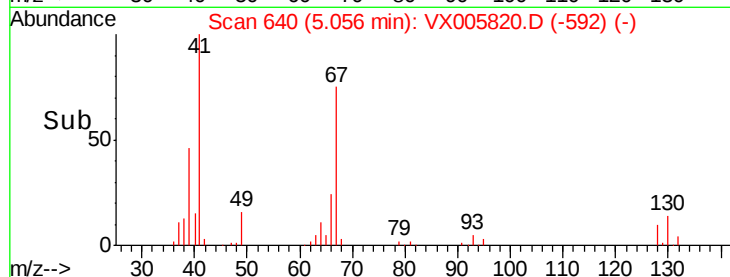
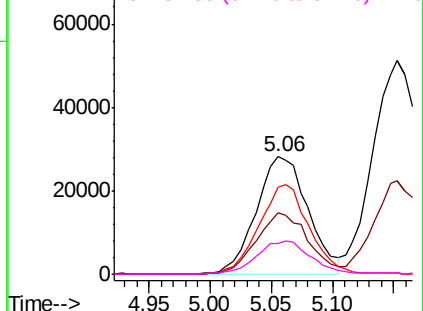
Tot Ion:	41	Resp:	83290
Ion Ratio	Lower	Upper	
41	100		
39	52.4	42.2	63.2
67	74.4	53.4	80.0
52	29.6	23.4	35.2

Manual Integrations
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Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 41.149 ug/l

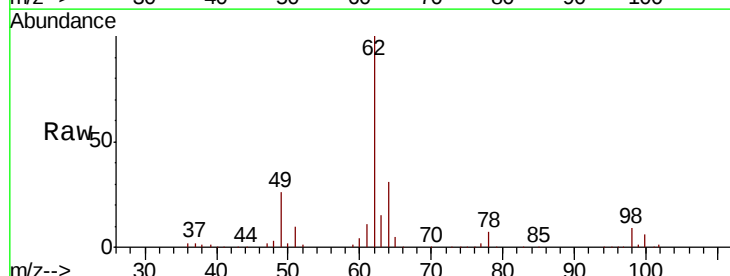
RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

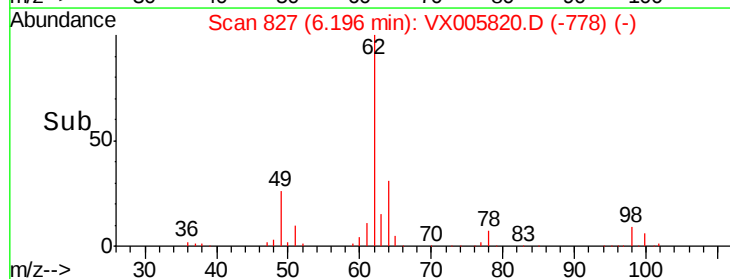
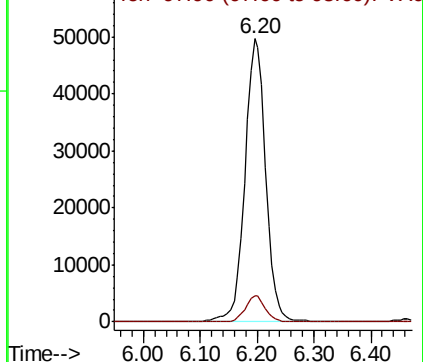
Lab File: VX005820.D

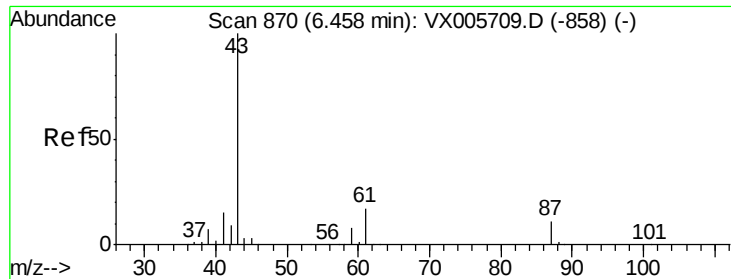
Acq: 06 Nov 2018 20:11

Tgt Ion:	62	Resp:	125936
Ion Ratio	Lower	Upper	
62	100		
98	8.8	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

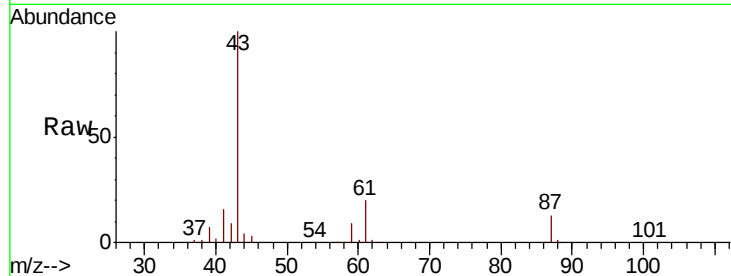
Isopropyl Acetate
Concen: 43.894 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

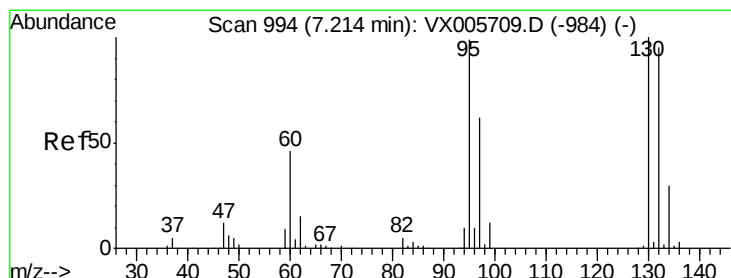
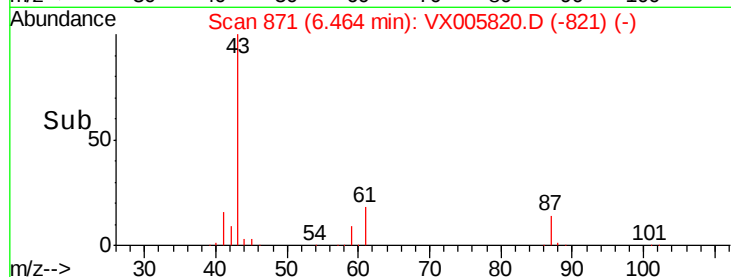
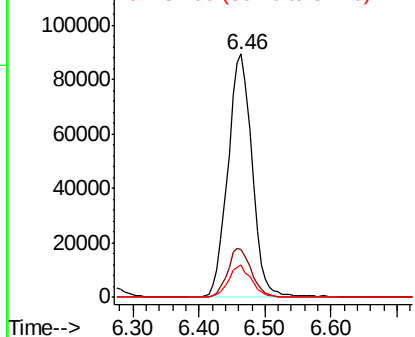
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	14.6	22.0
87	12.7	9.6	14.4

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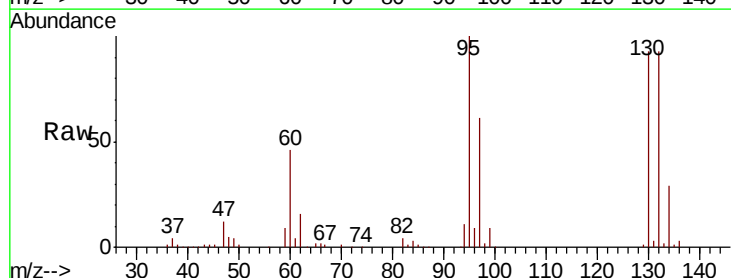
Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



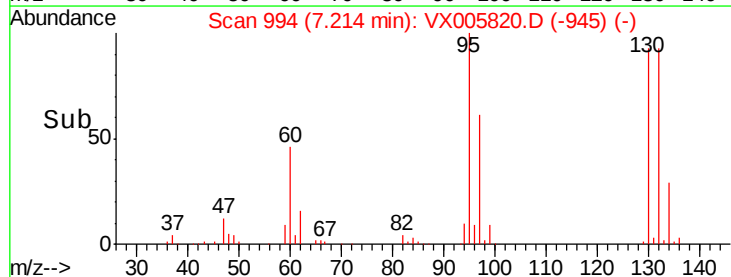
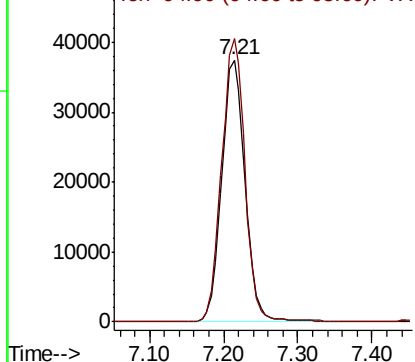
#44

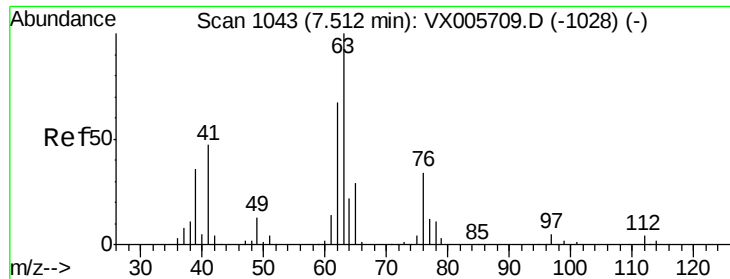
Trichloroethene
Concen: 42.896 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	108.0	0.0	194.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





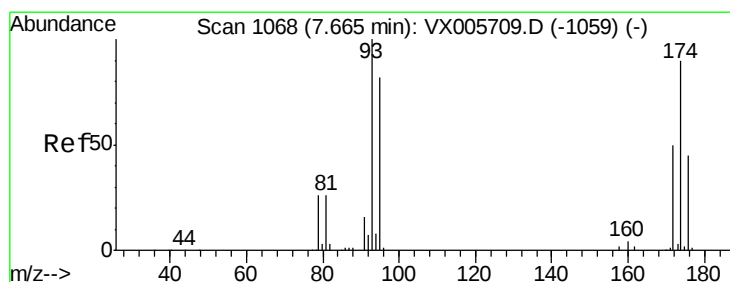
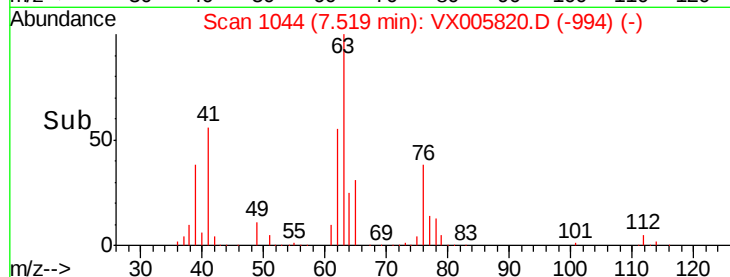
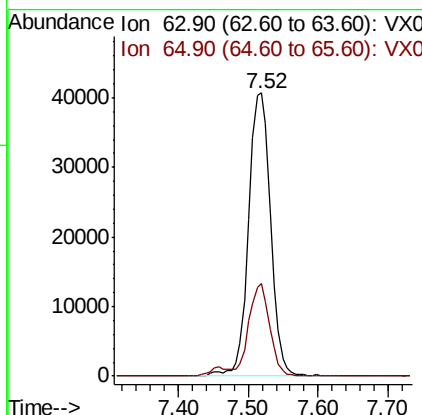
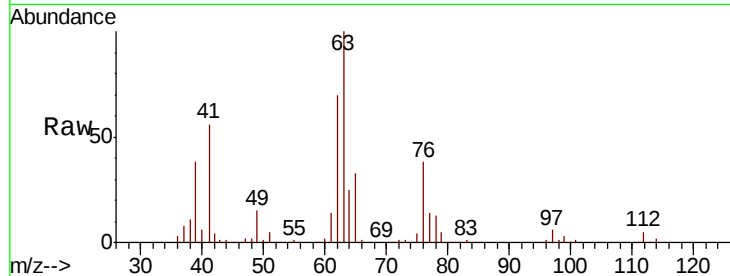
#45
 1,2-Dichloropropane
 Concen: 42.102 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX005820.D
 Acq: 06 Nov 2018 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 89335
 Ion Ratio Lower Upper
 63 100
 65 32.8 24.8 37.2

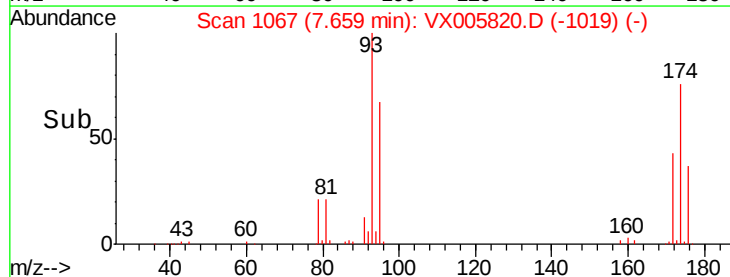
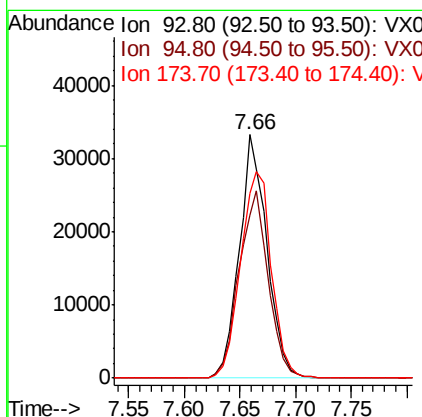
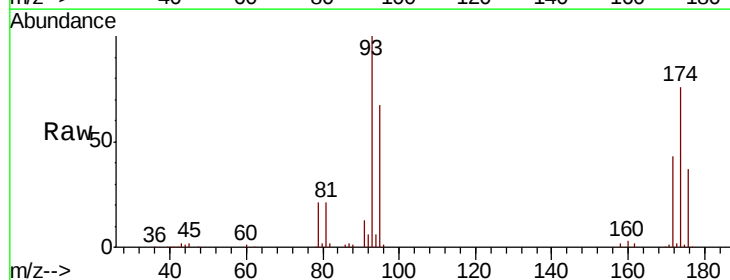
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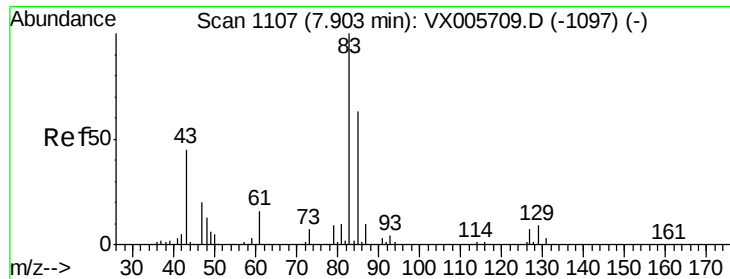
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#46
 Dibromomethane
 Concen: 42.241 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX005820.D
 Acq: 06 Nov 2018 20:11

Tgt Ion: 93 Resp: 57281
 Ion Ratio Lower Upper
 93 100
 95 81.4 67.4 101.0
 174 94.7 91.5 137.3





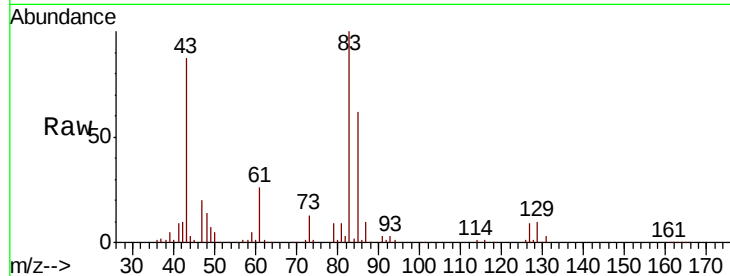
#47
Bromodichloromethane
Concen: 40.941 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

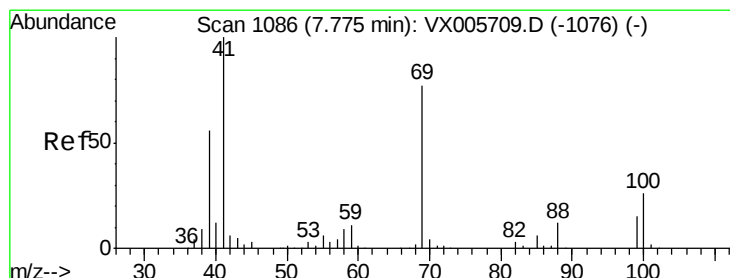
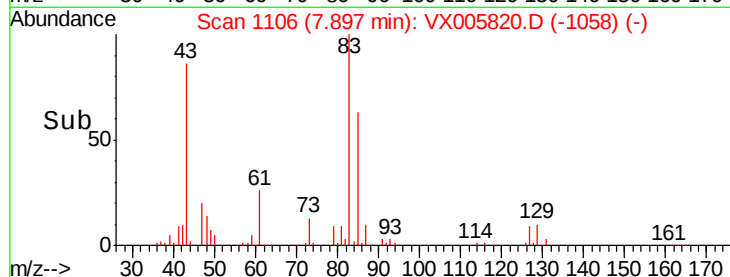
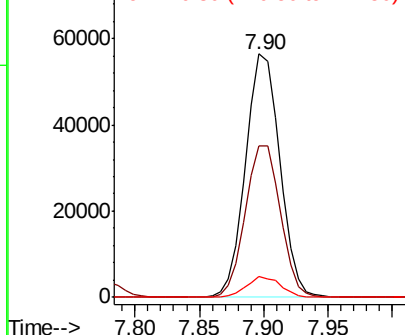
Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	62.3	50.2	75.4	
127	8.8	6.9	10.3	

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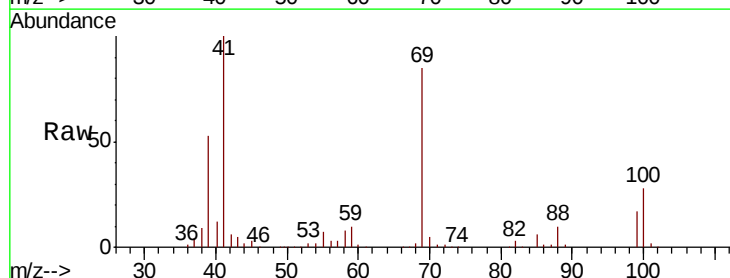


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V

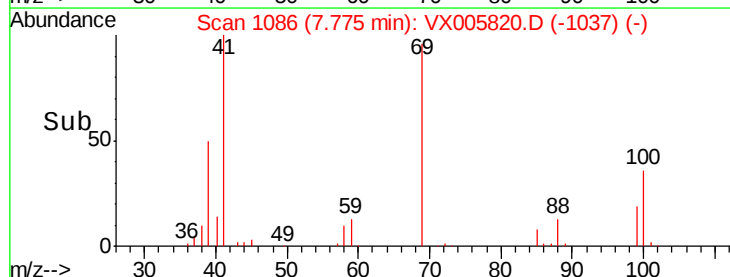
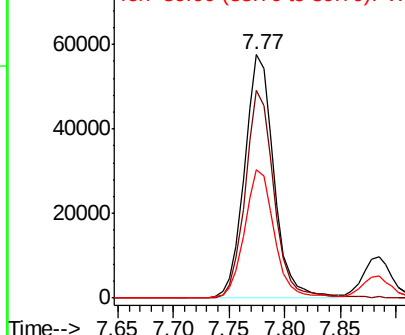


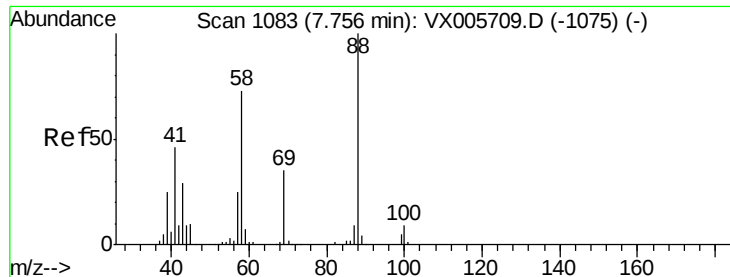
#48
Methyl methacrylate
Concen: 42.380 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	84.1	63.2	94.8	
39	53.7	42.2	63.2	



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





#49

1,4-Dioxane

Concen: 852.876 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.01 min

Lab File: VX005820.D

Acq: 06 Nov 2018 20:11

Instrument :

MSVOA_X

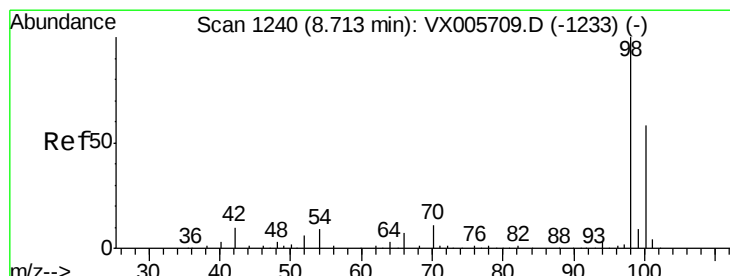
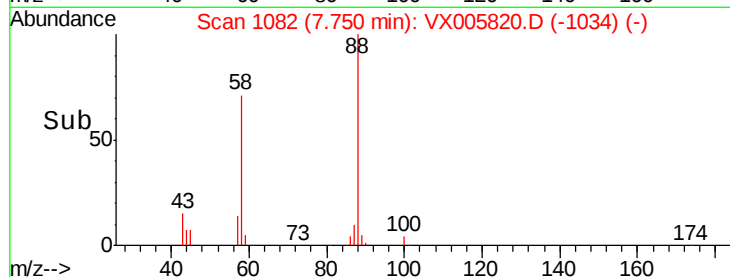
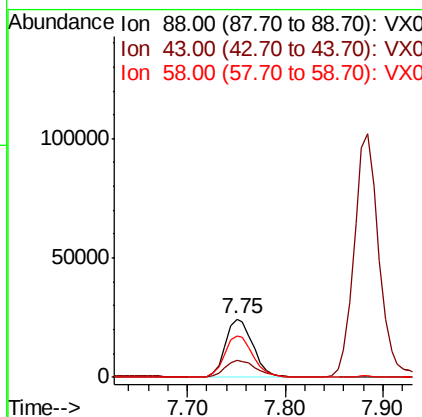
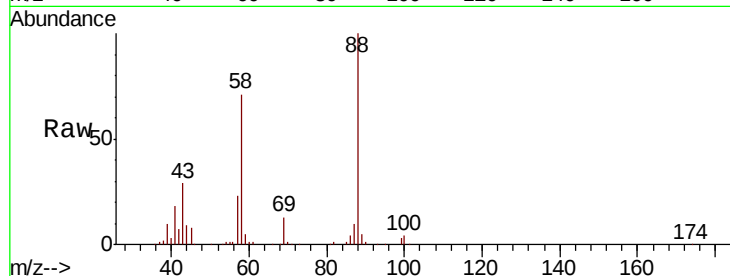
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	47371
Ion	Ratio	Lower	Upper
88	100		
43	31.7	27.4	41.0
58	73.9	59.4	89.2

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#50

Toluene-d8

Concen: 47.651 ug/l

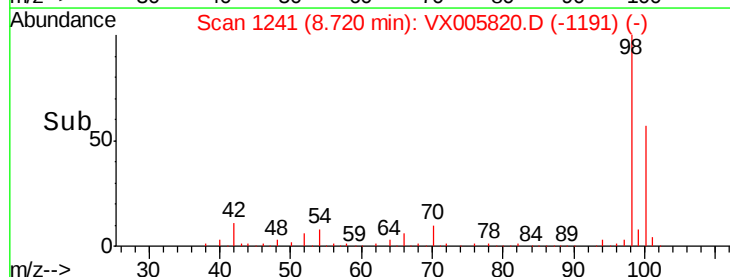
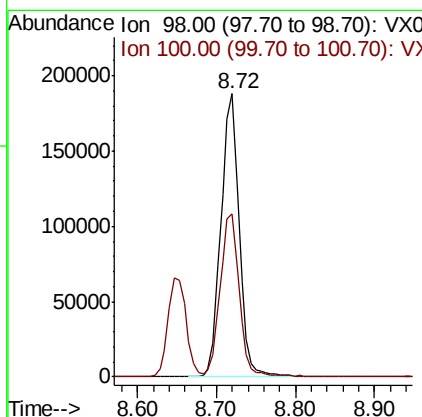
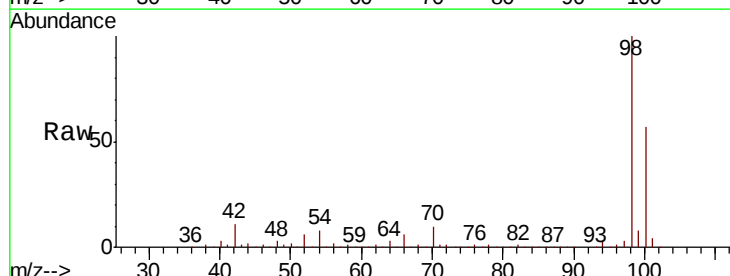
RT: 8.72 min Scan# 1241

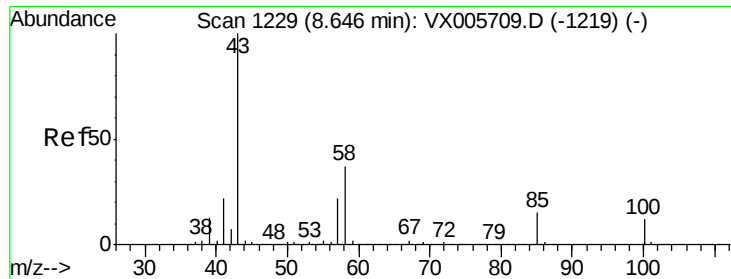
Delta R.T. 0.01 min

Lab File: VX005820.D

Acq: 06 Nov 2018 20:11

Tgt Ion:	98	Resp:	302291
Ion	Ratio	Lower	Upper
98	100		
100	60.5	51.3	76.9





#51

4-Methyl-2-Pentanone

Concen: 218.655 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX005820.D

Acq: 06 Nov 2018 20:11

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 768363

Ion Ratio Lower Upper

43 100

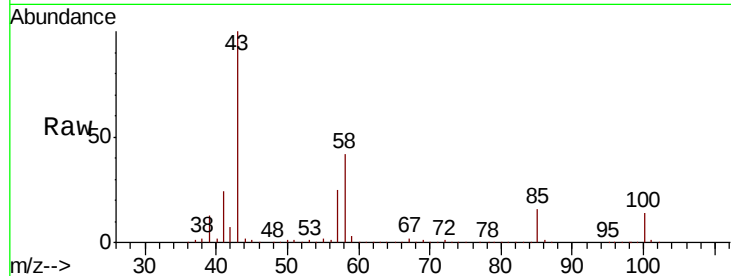
58 39.8 29.7 44.5

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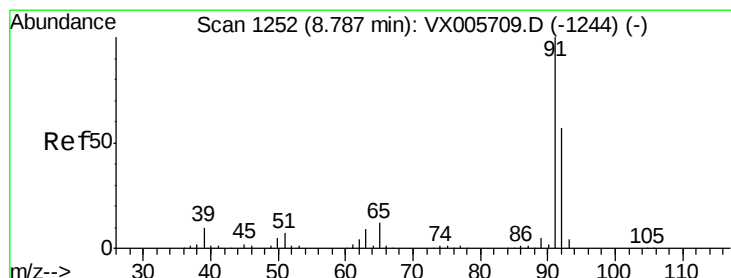
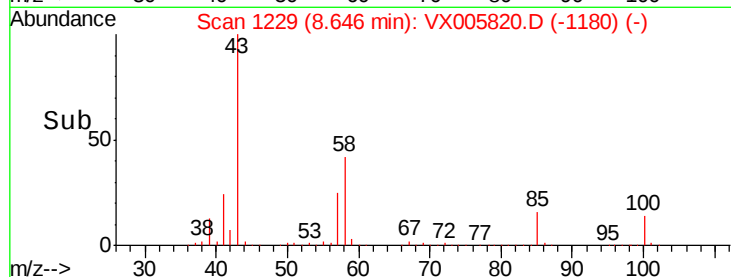
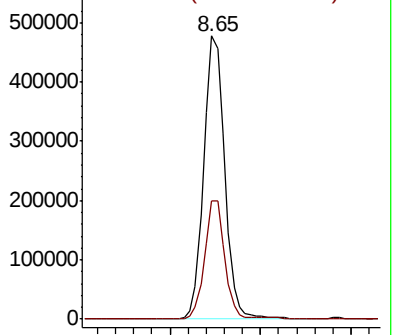
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 43.336 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005820.D

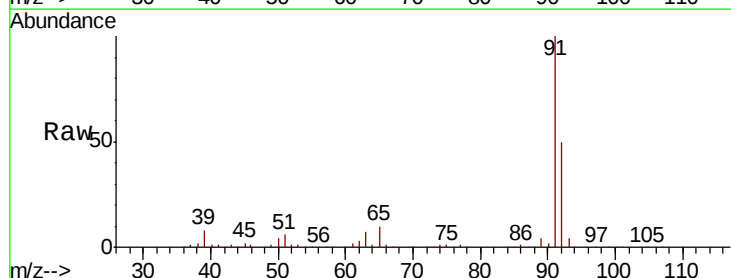
Acq: 06 Nov 2018 20:11

Tgt Ion: 92 Resp: 194083

Ion Ratio Lower Upper

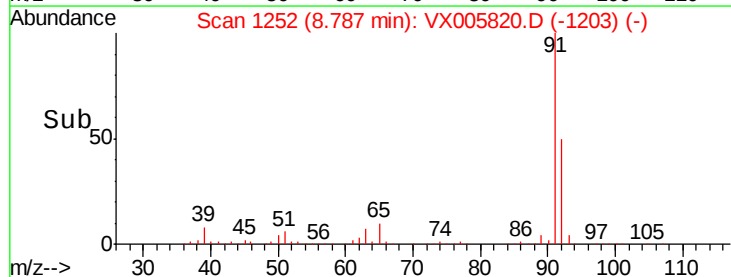
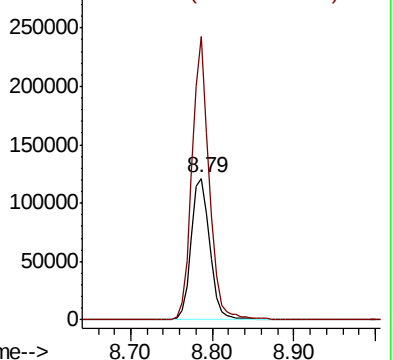
92 100

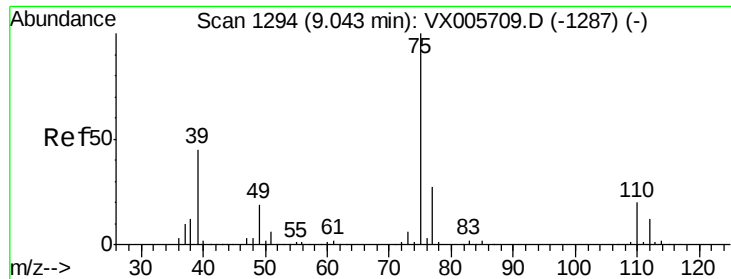
91 181.6 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





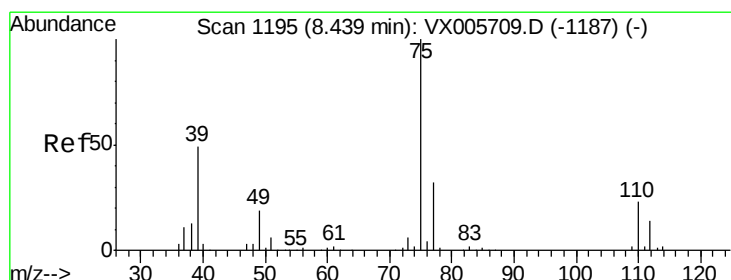
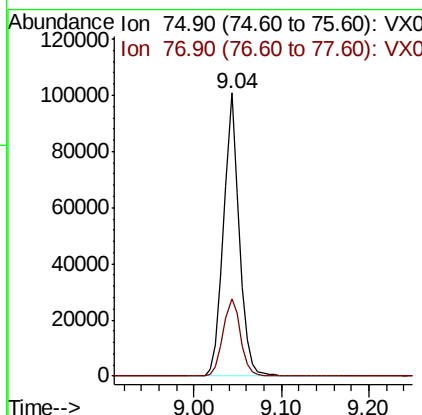
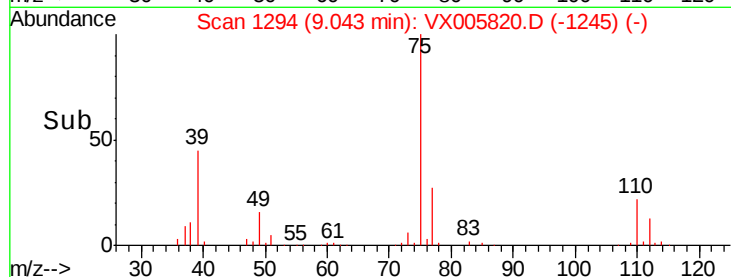
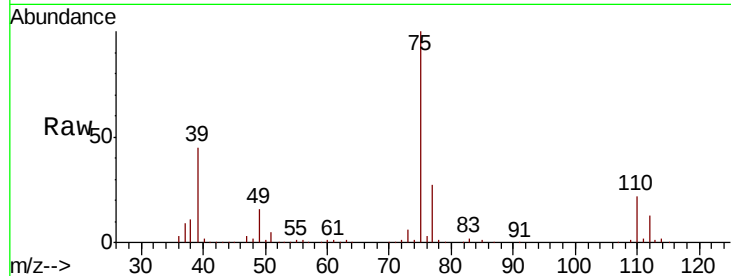
#53
t-1,3-Dichloropropene
Concen: 44.753 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 123363
Ion Ratio Lower Upper
75 100
77 27.3 25.4 38.2

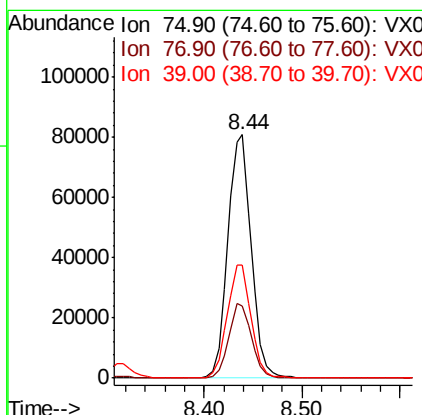
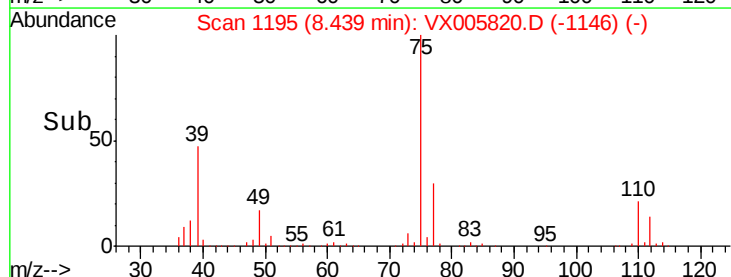
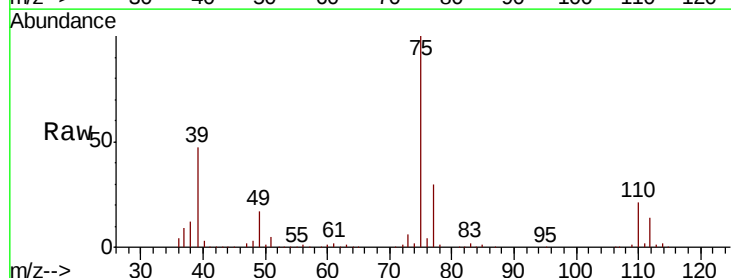
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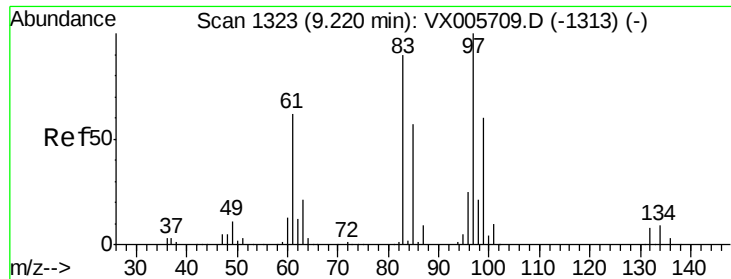
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#54
cis-1,3-Dichloropropene
Concen: 45.256 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Tgt Ion: 75 Resp: 133654
Ion Ratio Lower Upper
75 100
77 29.6 25.2 37.8
39 46.4 38.2 57.2





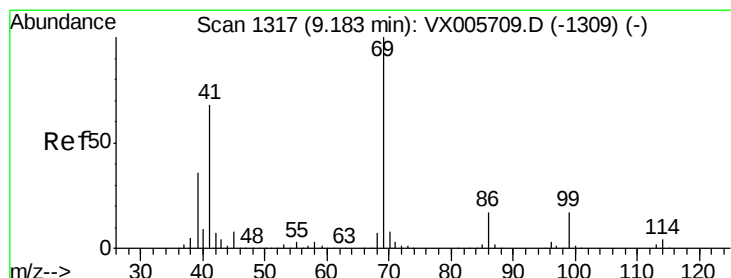
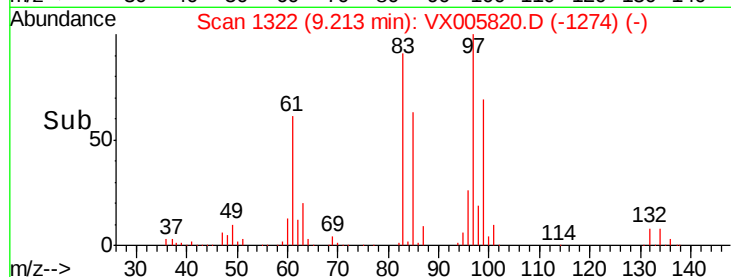
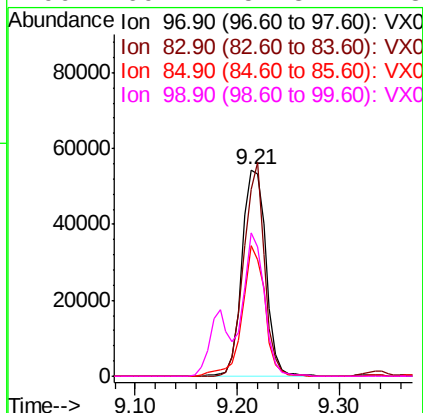
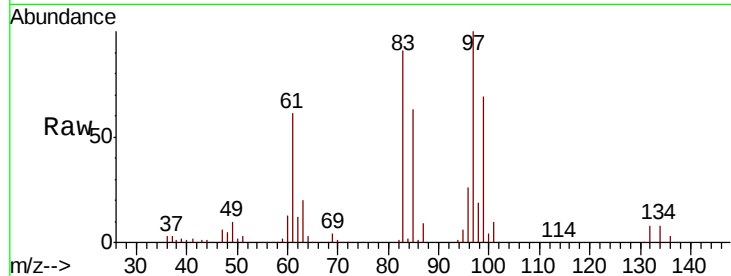
#55
 1,1,2-Trichloroethane
 Concen: 45.477 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX005820.D
 Acq: 06 Nov 2018 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	88450
Ion	Ratio	Lower	Upper
97	100		
83	90.5	70.7	106.1
85	63.5	45.8	68.6
99	69.1	51.8	77.8

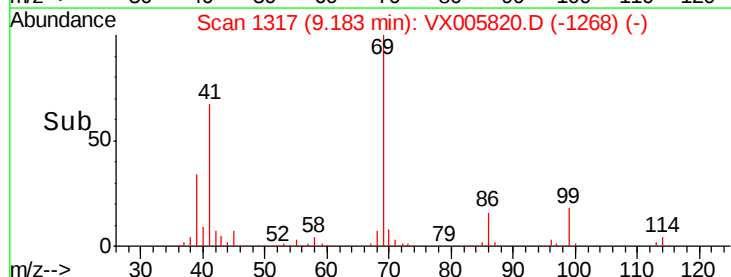
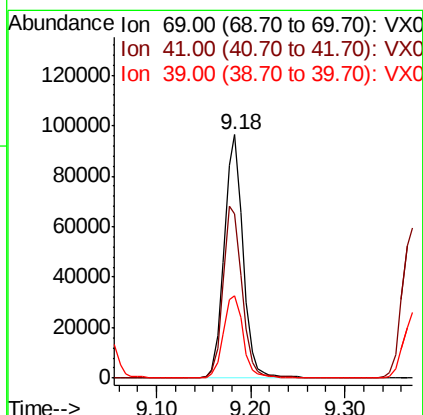
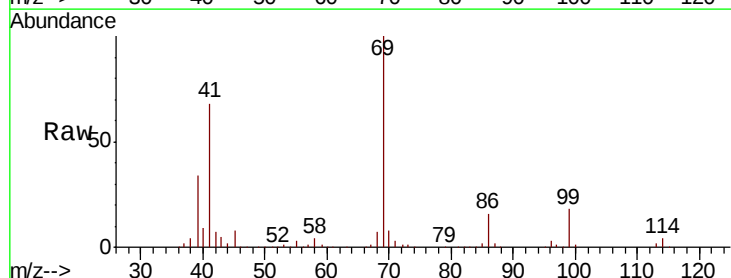
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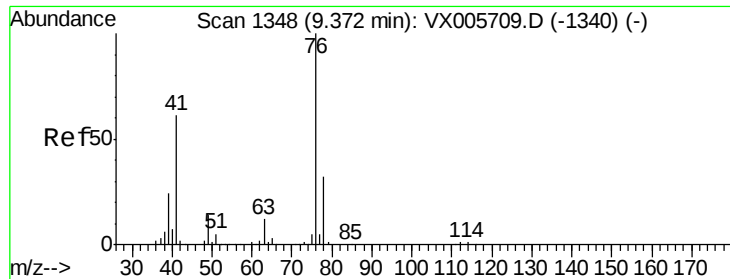
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#56
 Ethyl methacrylate
 Concen: 40.948 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005820.D
 Acq: 06 Nov 2018 20:11

Tgt Ion:	69	Resp:	133639
Ion	Ratio	Lower	Upper
69	100		
41	70.6	57.0	85.6
39	35.2	28.3	42.5





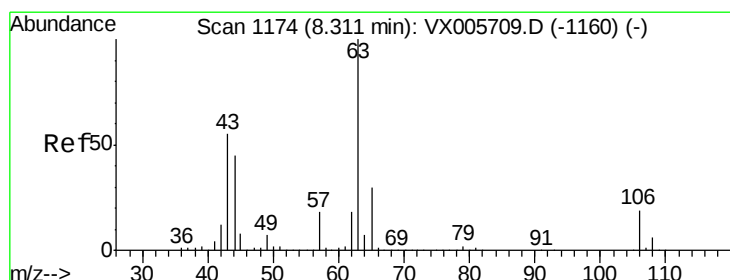
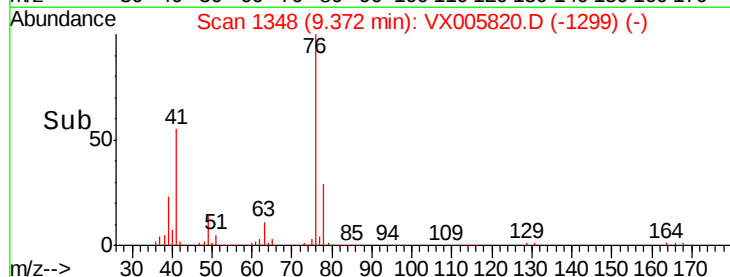
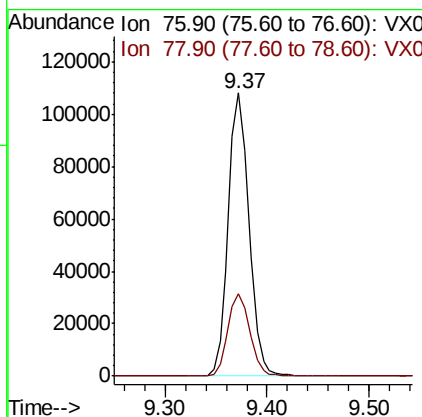
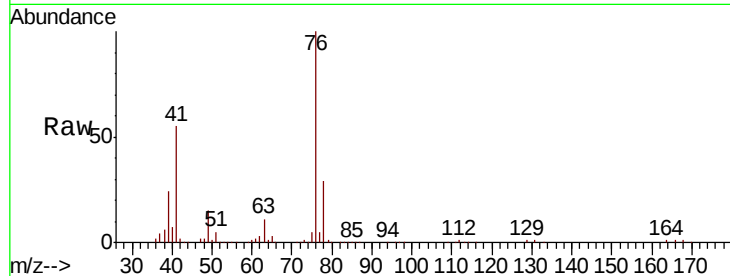
#57
 1,3-Dichloropropane
 Concen: 45.508 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX005820.D
 Acq: 06 Nov 2018 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	30.7	25.3	37.9

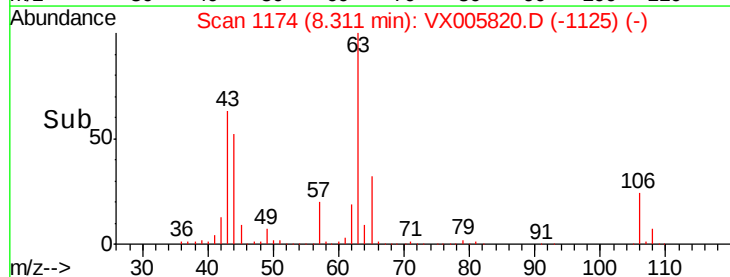
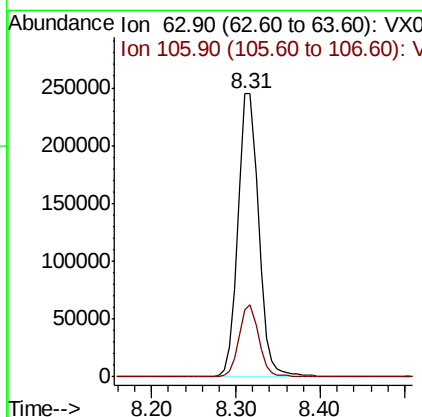
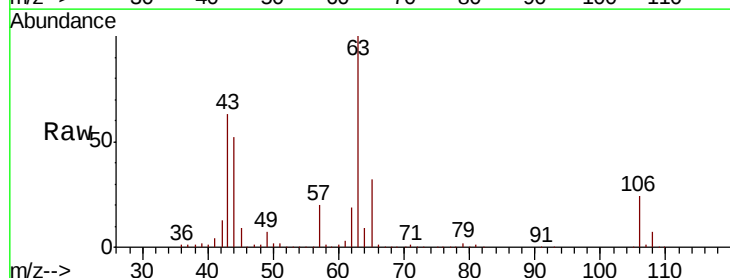
Manual Integrations
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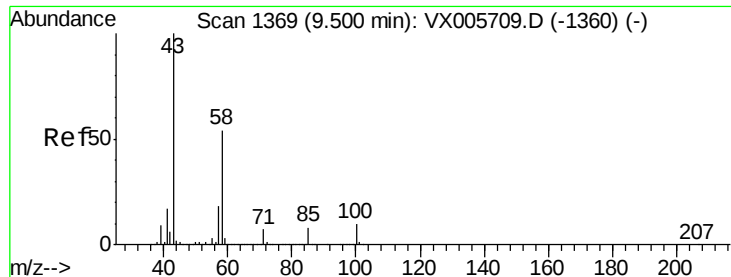
MMDadoda
 11/7/2018 12:40:46 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 216.823 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX005820.D
 Acq: 06 Nov 2018 20:11

Tgt Ion	Ratio	Lower	Upper
63	100		
106	24.2	21.3	31.9





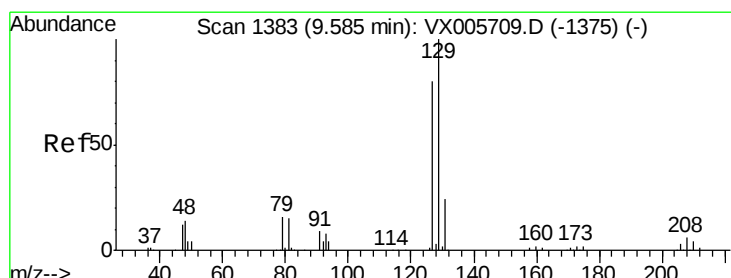
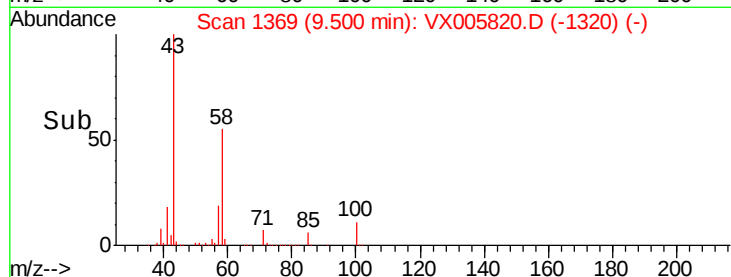
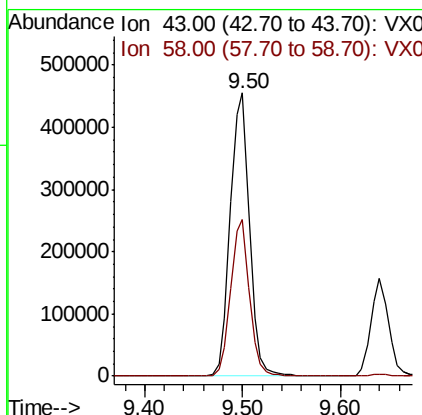
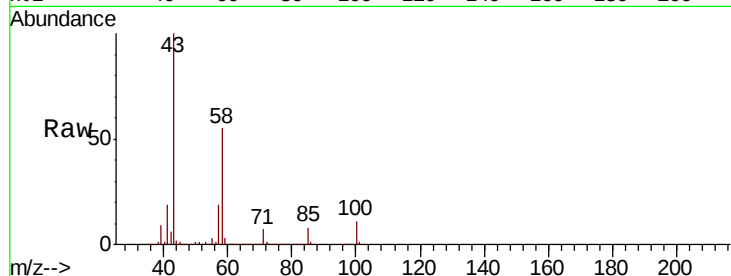
#59
2-Hexanone
Concen: 217.764 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 622746
Ion Ratio Lower Upper
43 100
58 54.3 25.9 77.8

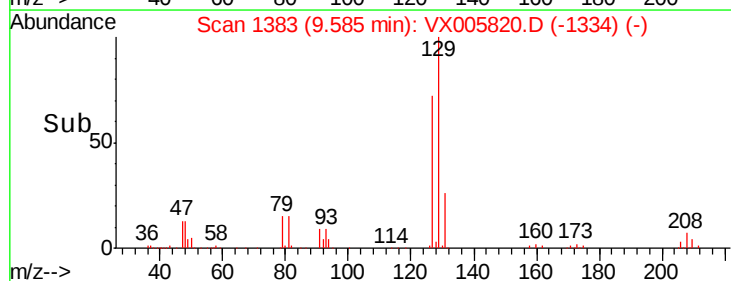
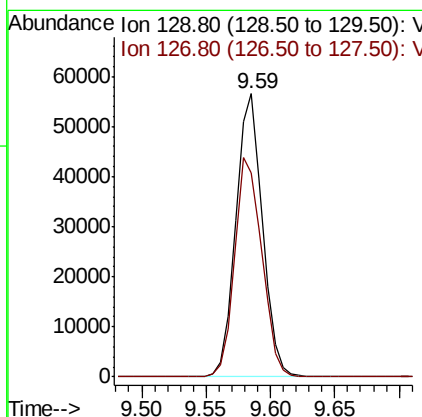
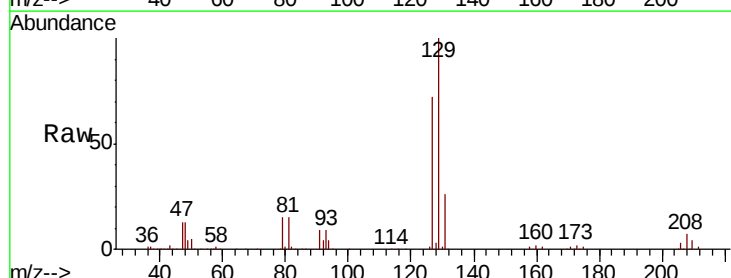
Manual Integrations
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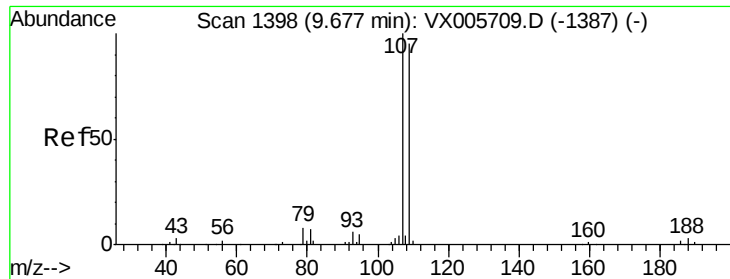
MMDadoda
11/7/2018 12:40:46 PM



#60
Dibromochloromethane
Concen: 43.261 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Tgt Ion: 129 Resp: 81305
Ion Ratio Lower Upper
129 100
127 79.4 38.9 116.7





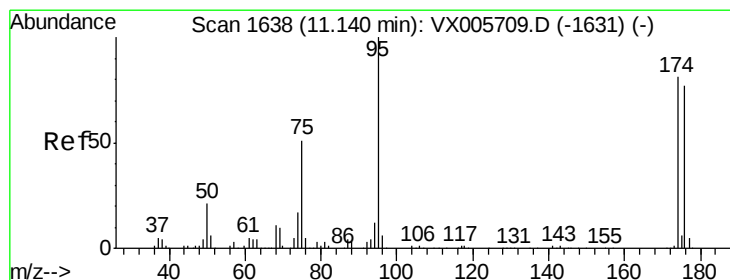
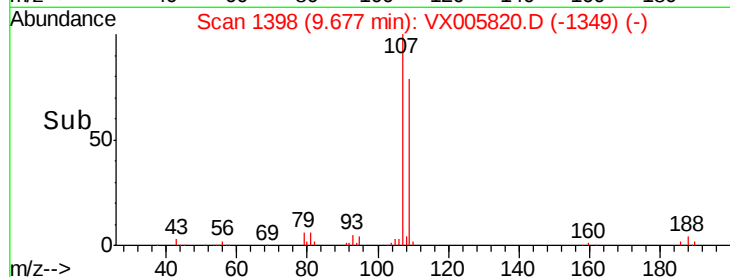
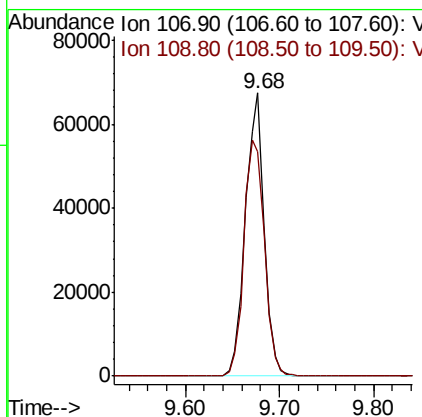
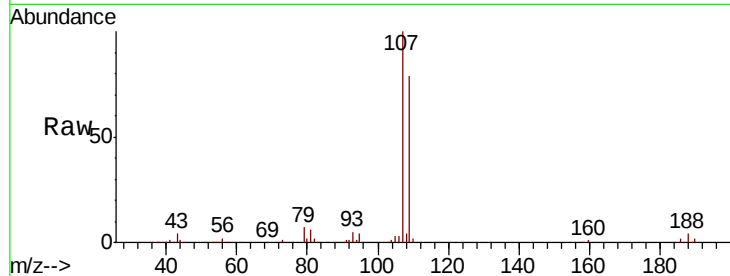
#61
 1,2-Dibromoethane
 Concen: 46.931 ug/l
 RT: 9.68 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: VX005820.D
 Acq: 06 Nov 2018 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.7	75.7	113.5

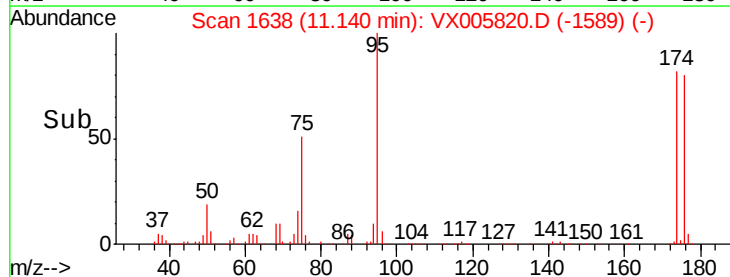
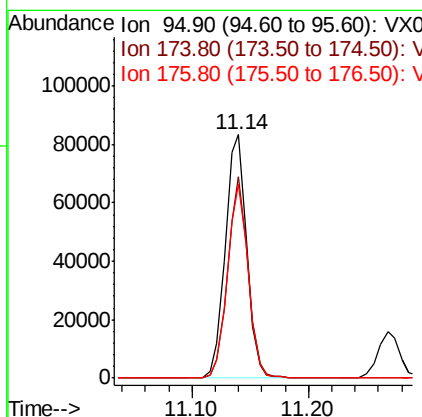
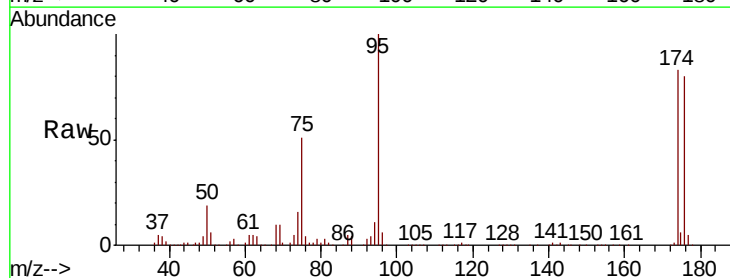
Manual Integrations
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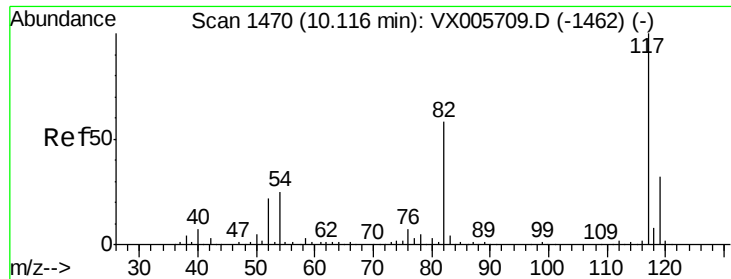
MMDadoda
 11/7/2018 12:40:46 PM



#62
 4-Bromofluorobenzene
 Concen: 45.312 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX005820.D
 Acq: 06 Nov 2018 20:11

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.5	0.0	184.4
176	77.2	0.0	177.4





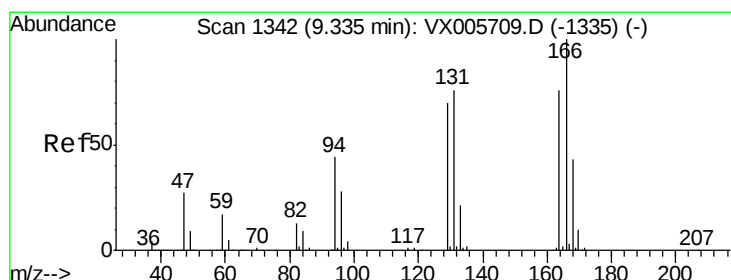
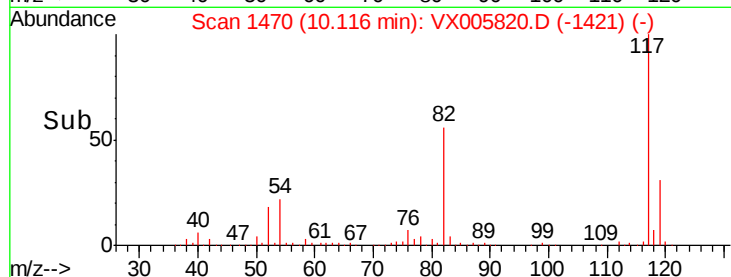
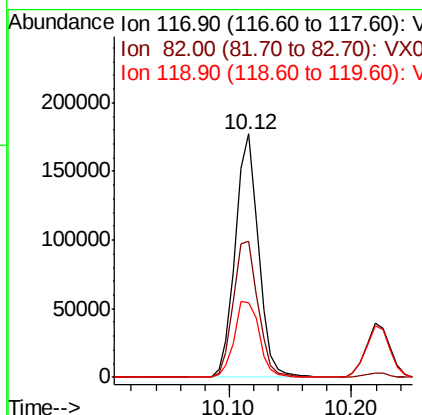
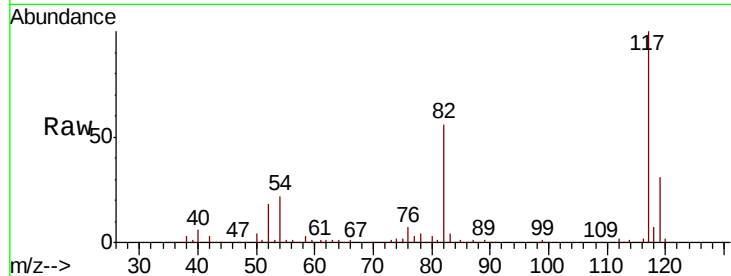
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.1	66.1
119	30.5	26.2	39.2

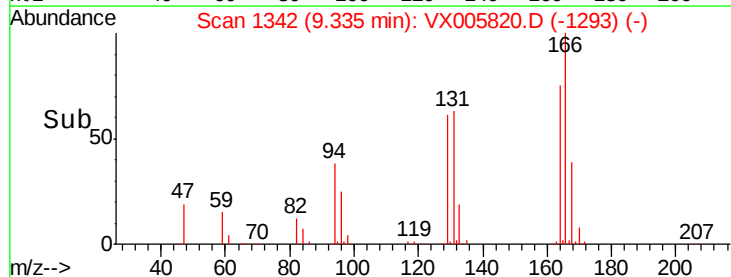
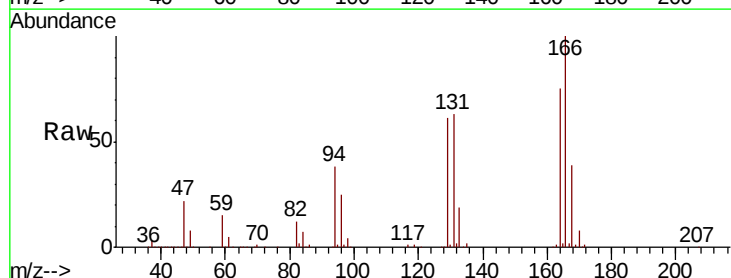
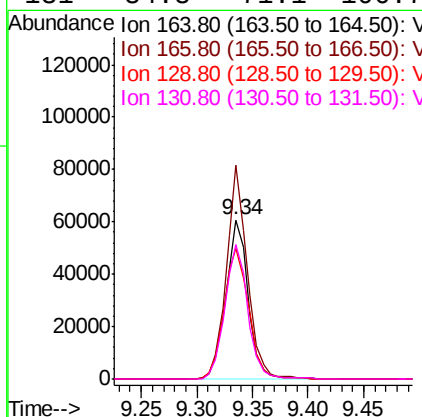
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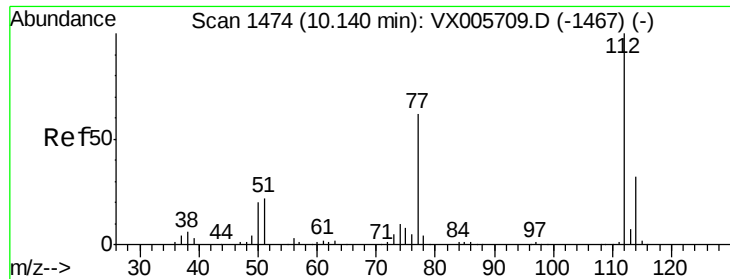
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#64
Tetrachloroethene
Concen: 49.615 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.2	101.9	152.9
129	82.2	72.6	109.0
131	84.8	71.1	106.7





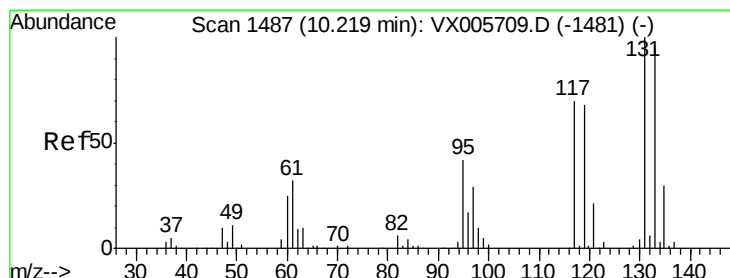
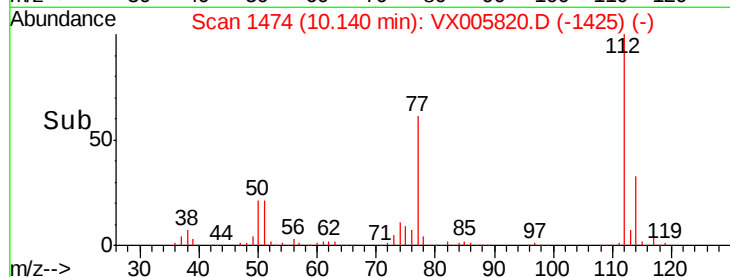
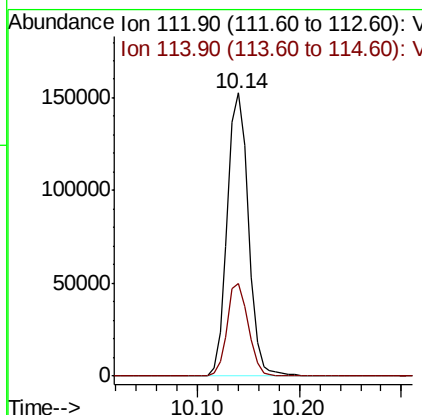
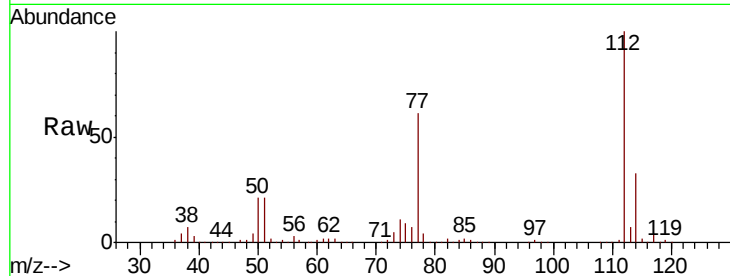
#65
Chlorobenzene
Concen: 44.413 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 219132
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6

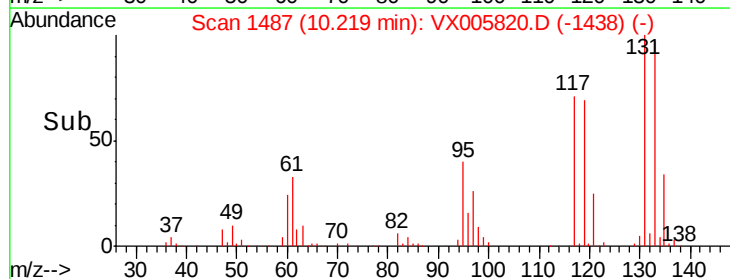
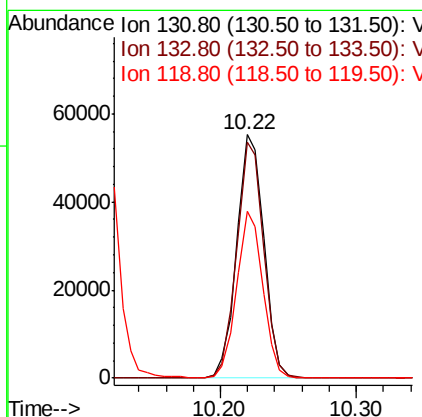
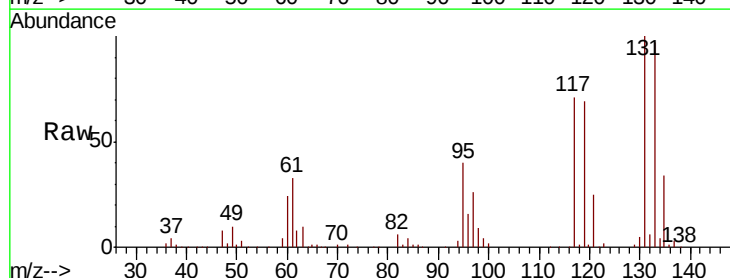
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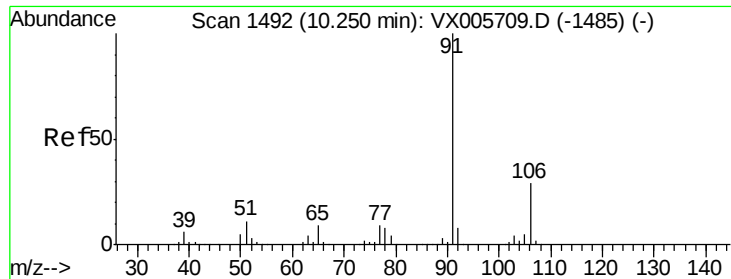
MMDadoda
11/7/2018 12:40:46 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 45.283 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Tgt Ion:131 Resp: 76484
Ion Ratio Lower Upper
131 100
133 96.2 47.5 142.5
119 66.8 31.8 95.3





#67

Ethyl Benzene

Concen: 45.123 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX005820.D

Acq: 06 Nov 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 379955

Ion Ratio Lower Upper

91 100

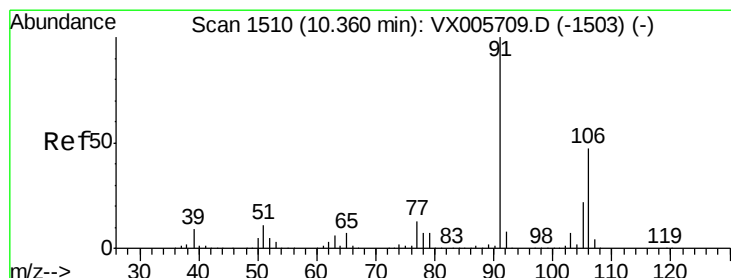
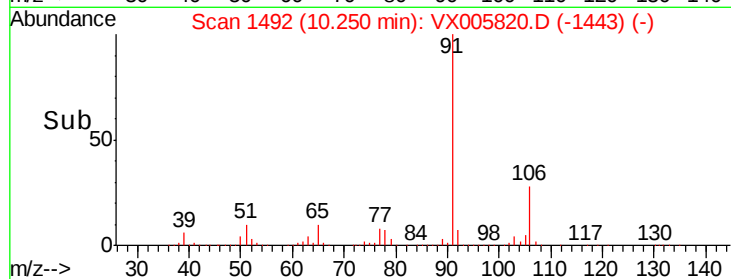
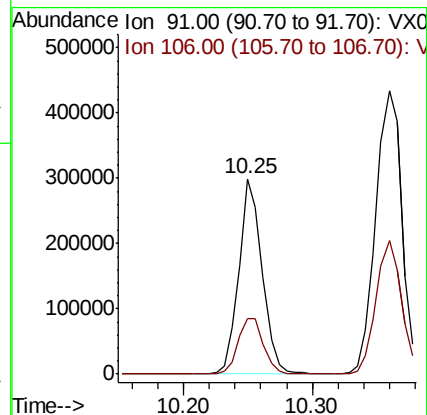
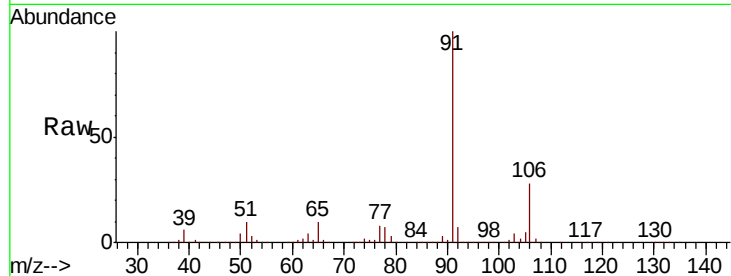
106 28.3 24.4 36.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 89.675 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX005820.D

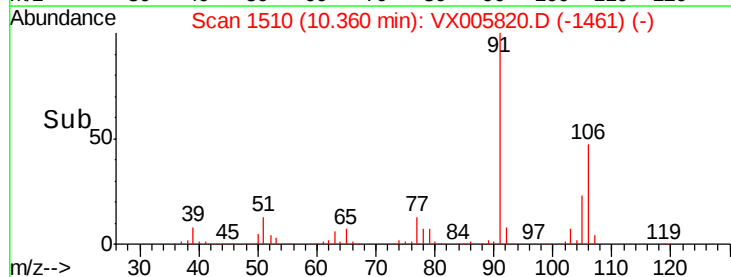
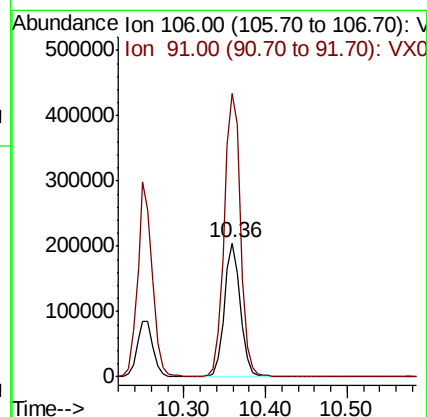
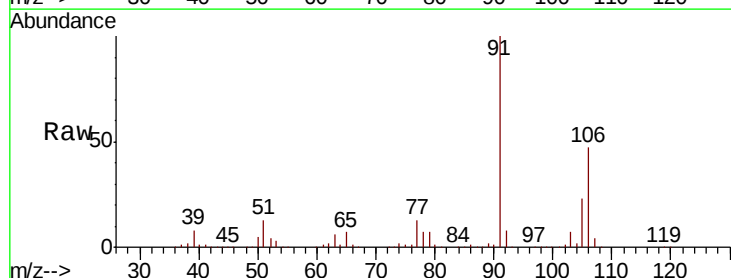
Acq: 06 Nov 2018 20:11

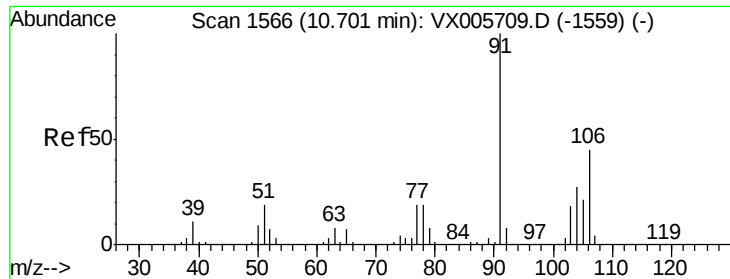
Tgt Ion: 106 Resp: 280588

Ion Ratio Lower Upper

106 100

91 217.6 164.2 246.4





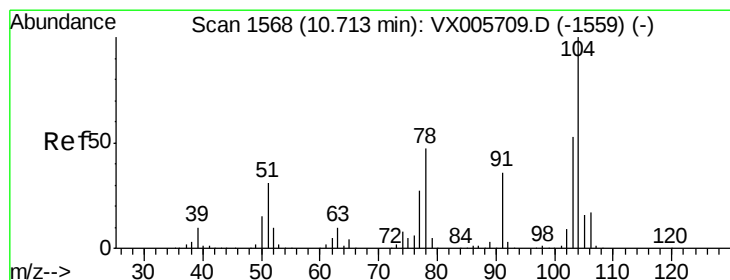
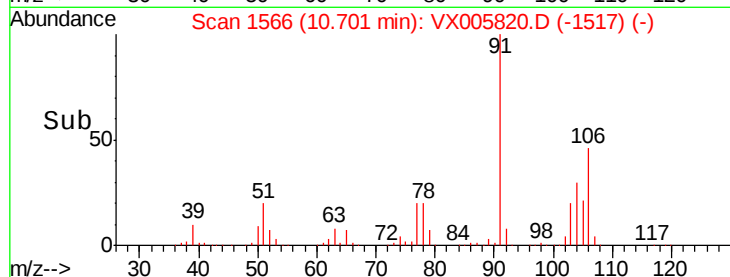
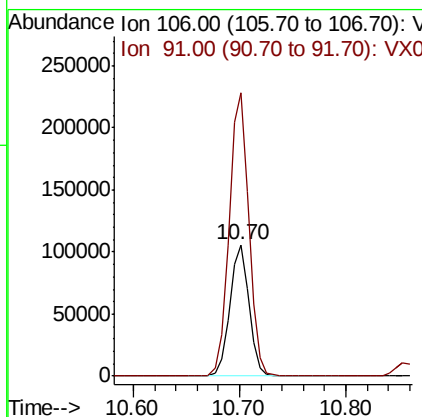
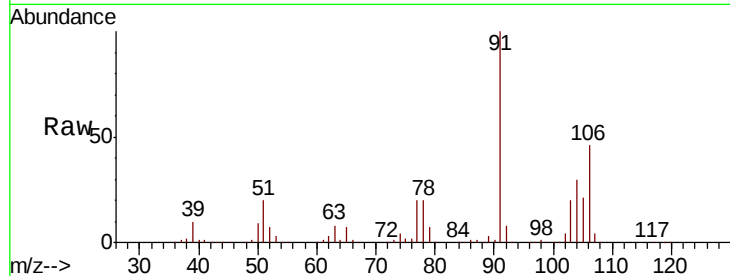
#69
o-Xylene
Concen: 44.877 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	220.3	108.5	325.5

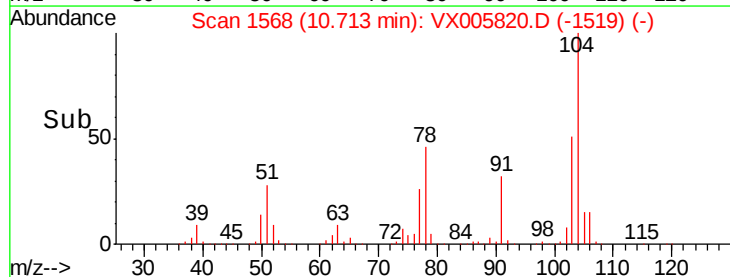
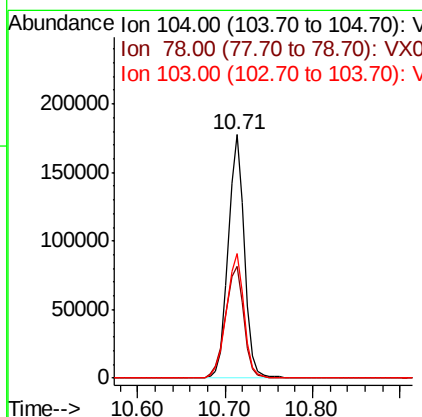
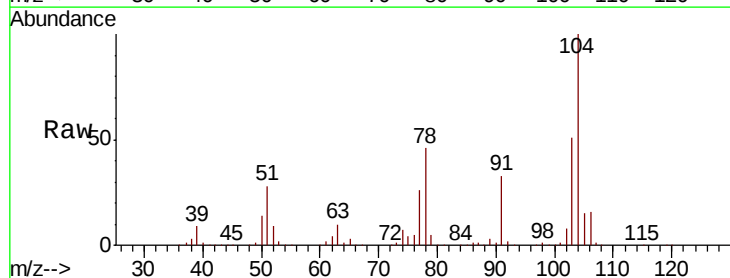
Manual Integrations
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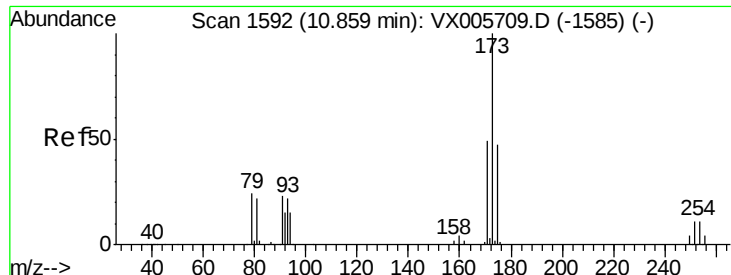
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#70
Styrene
Concen: 45.954 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.3	40.2	60.4
103	55.8	44.9	67.3





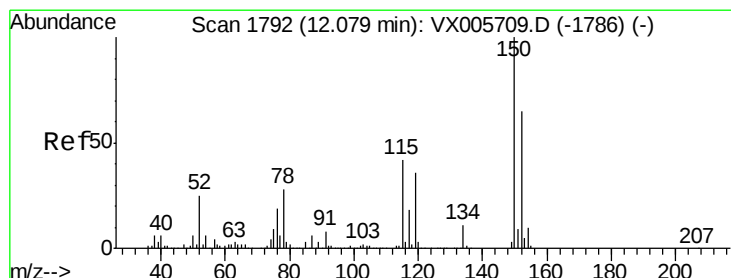
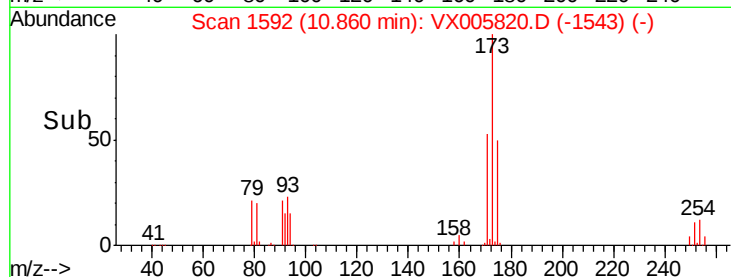
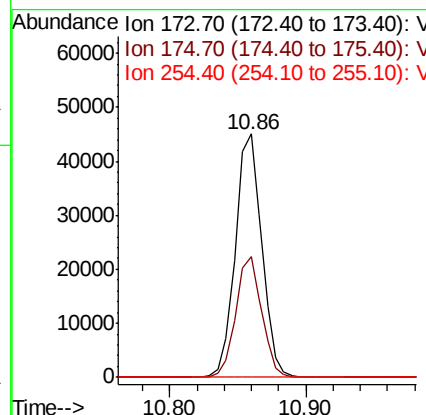
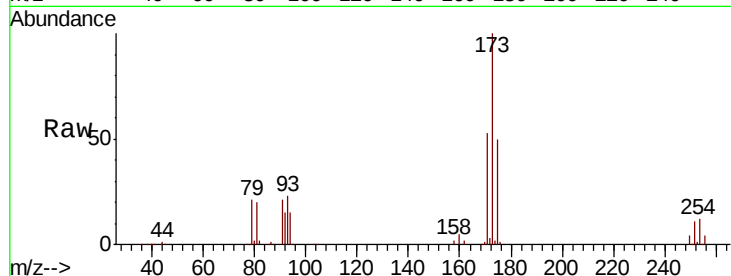
#71
Bromoform
Concen: 44.319 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.8	74.3
254	0.1	0.2	0.2#

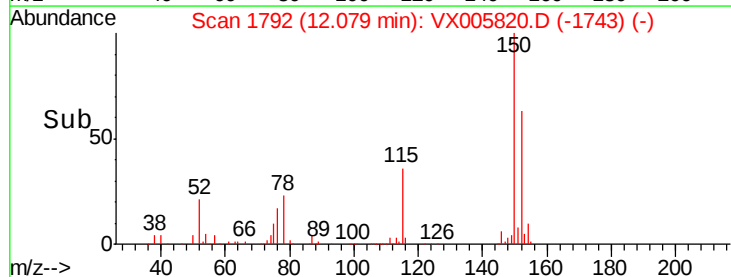
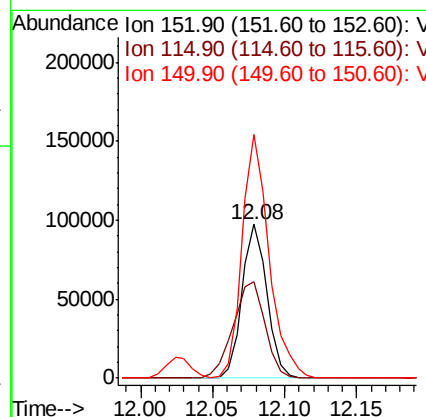
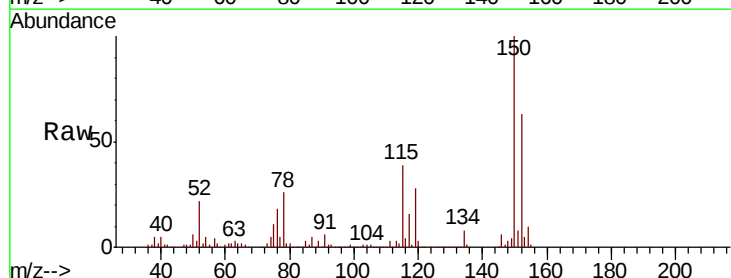
Manual Integrations
APPROVED

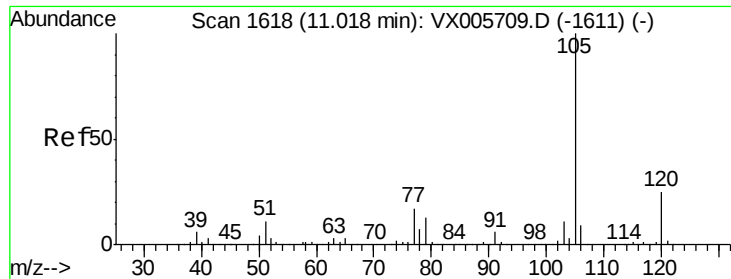
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.6	39.4	118.1
150	171.3	0.0	346.4





#73

Isopropylbenzene

Concen: 47.068 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005820.D

Acq: 06 Nov 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 365051

Ion Ratio Lower Upper

105 100

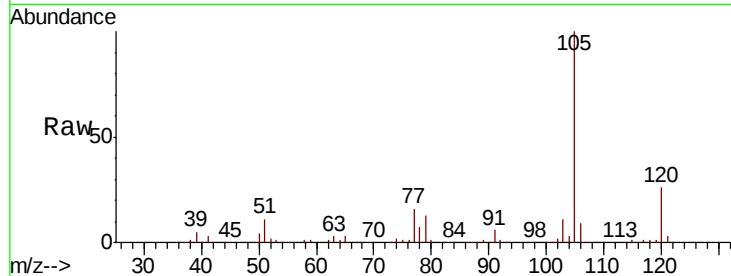
120 25.7 13.1 39.3

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

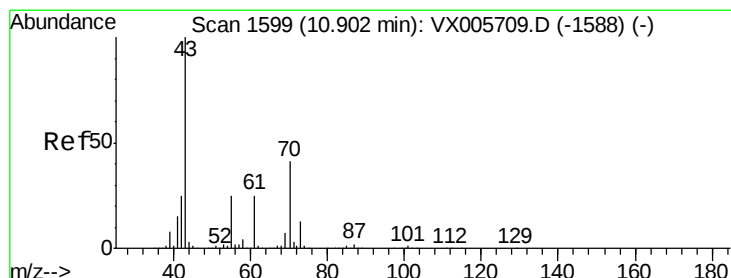
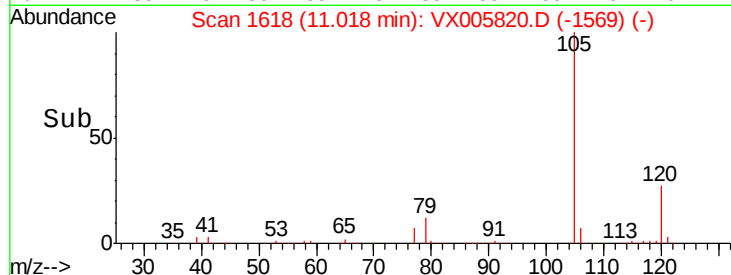
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 45.772 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX005820.D

Acq: 06 Nov 2018 20:11

Tgt Ion: 43 Resp: 189004

Ion Ratio Lower Upper

43 100

70 41.5 31.6 47.4

55 26.3 19.7 29.5

61 24.1 18.3 27.5

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

250000

200000

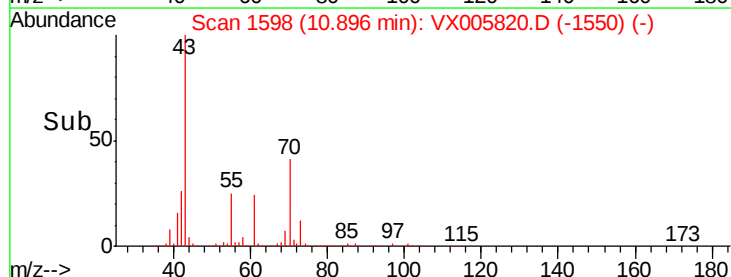
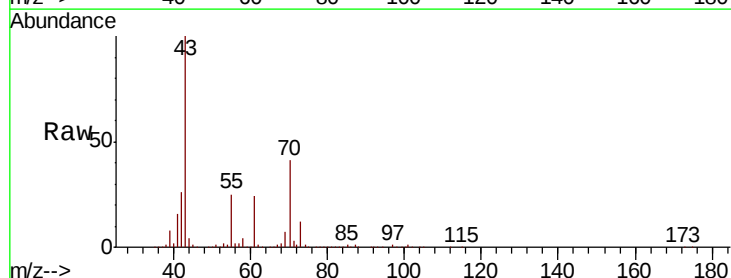
150000

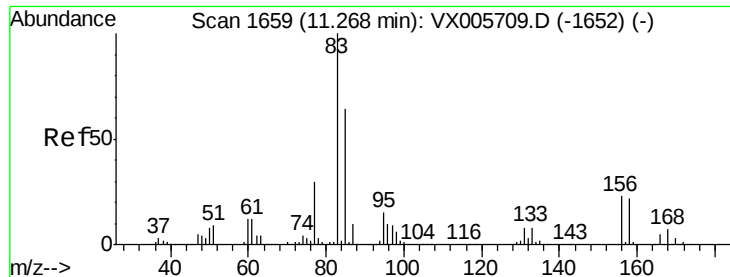
100000

50000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 43.874 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005820.D

Acq: 06 Nov 2018 20:11

Instrument :

MSVOA_X

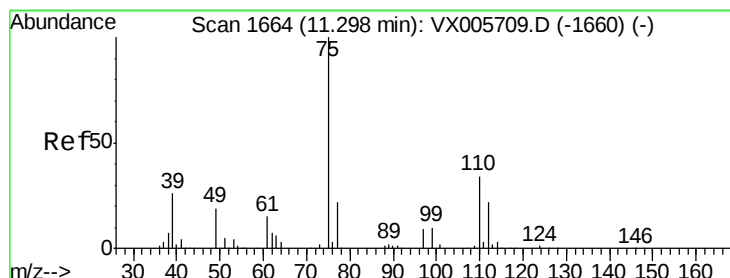
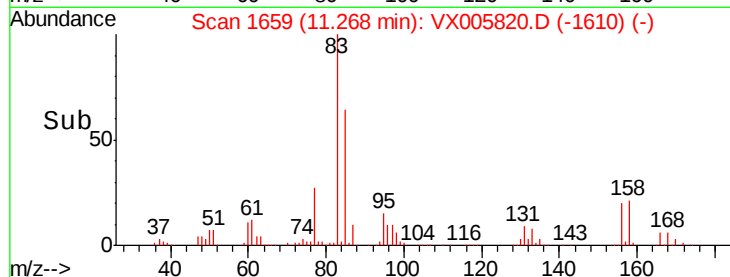
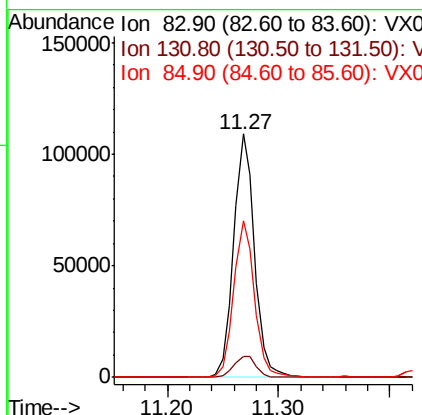
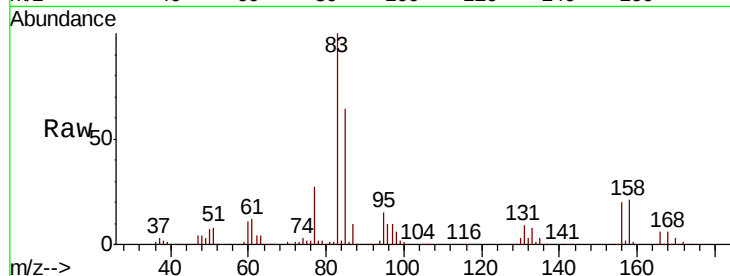
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	141173
Ion Ratio	Lower	Upper	
83	100		
131	9.3	5.3	15.9
85	64.1	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 45.703 ug/l m

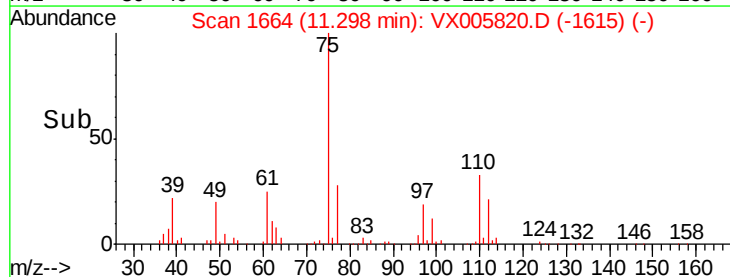
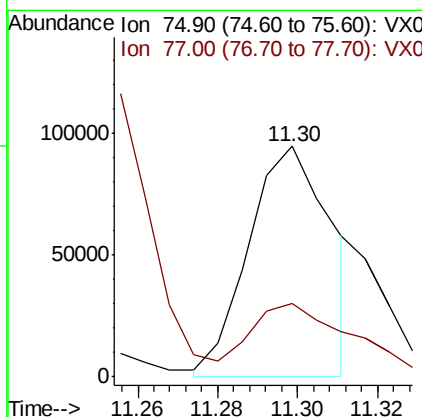
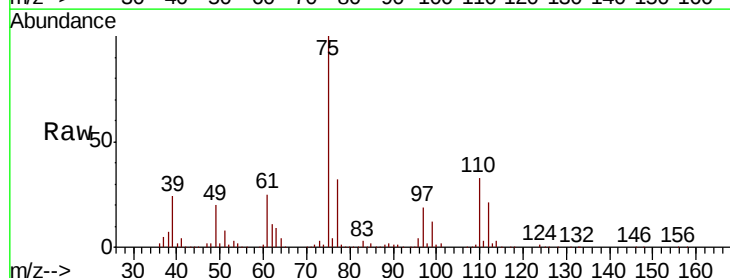
RT: 11.30 min Scan# 1664

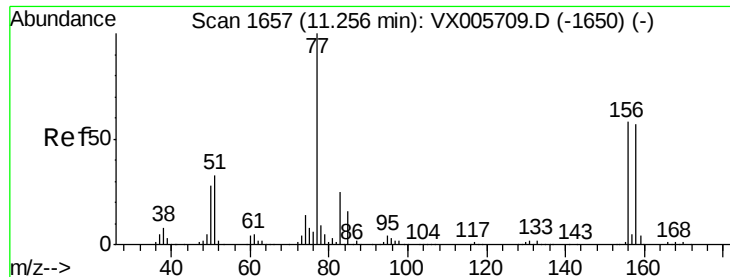
Delta R.T. 0.00 min

Lab File: VX005820.D

Acq: 06 Nov 2018 20:11

Tgt Ion:	75	Resp:	133818
Ion Ratio	Lower	Upper	
75	100		
77	39.4	20.5	61.6





#77

Bromobenzene

Concen: 45.871 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005820.D

Acq: 06 Nov 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 88255

Ion Ratio Lower Upper

156 100

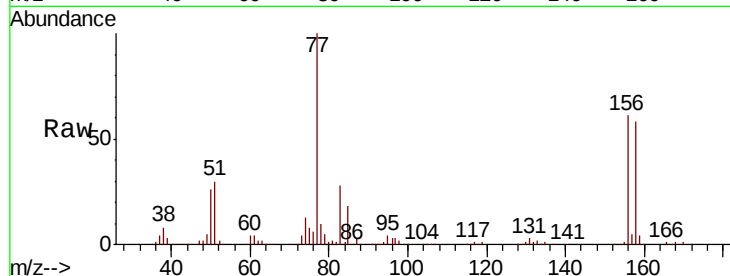
77 171.7 74.8 224.4

158 97.1 49.1 147.3

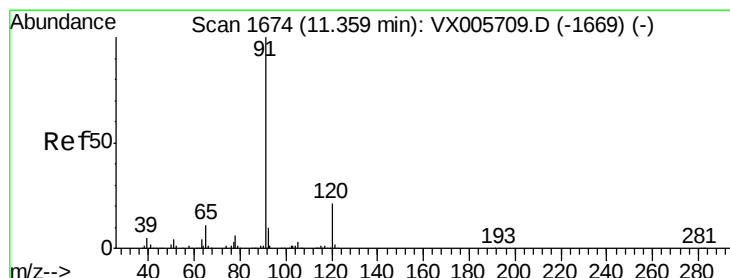
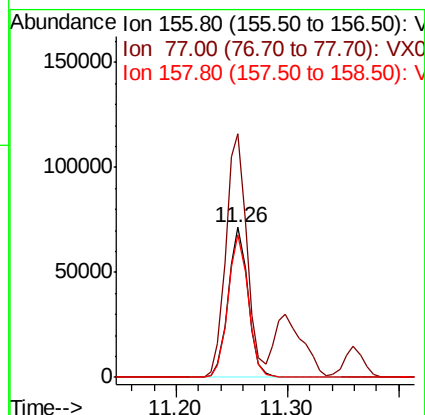
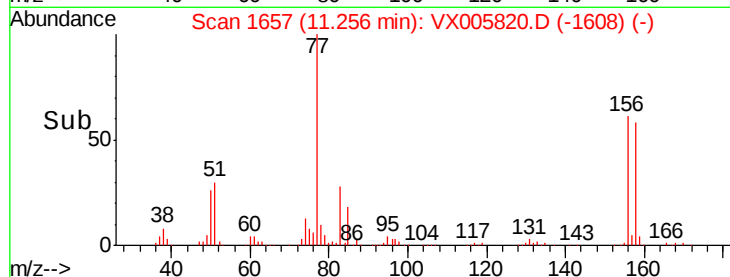
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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.397 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005820.D

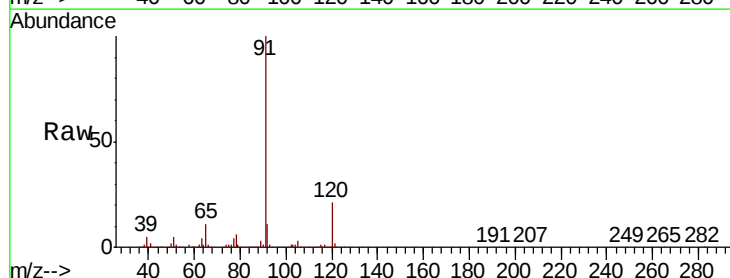
Acq: 06 Nov 2018 20:11

Tgt Ion: 91 Resp: 437761

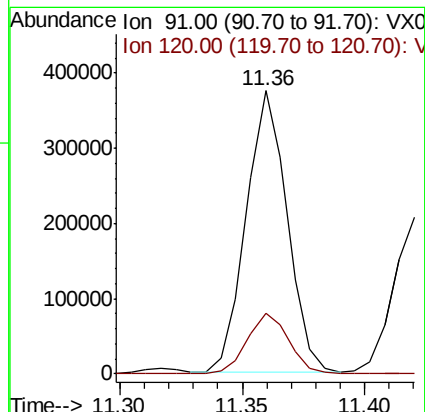
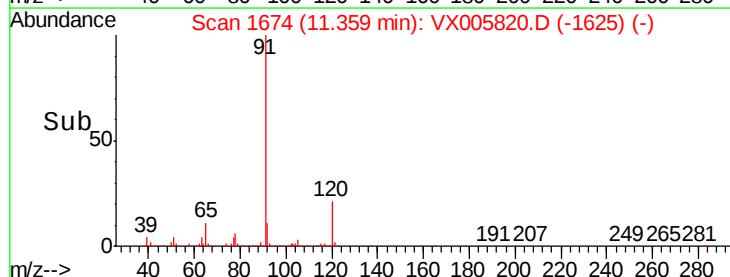
Ion Ratio Lower Upper

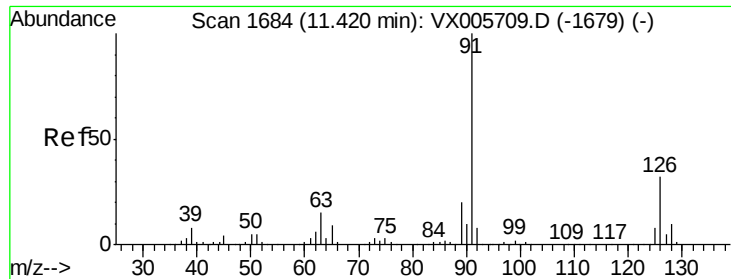
91 100

120 22.0 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





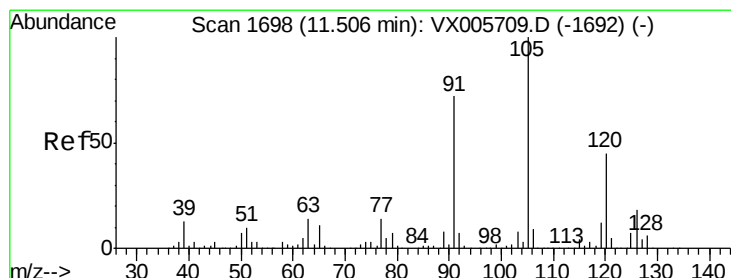
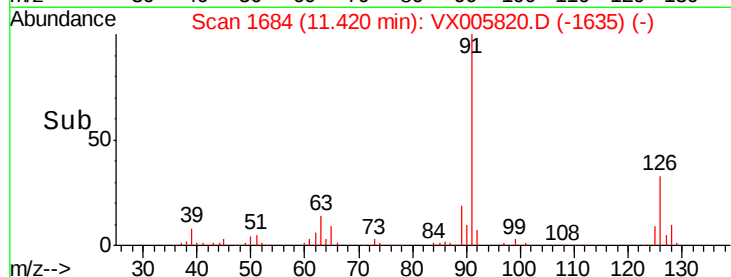
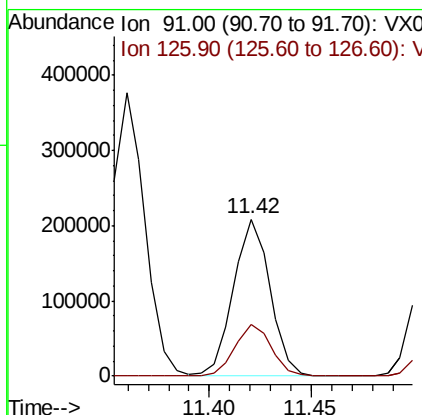
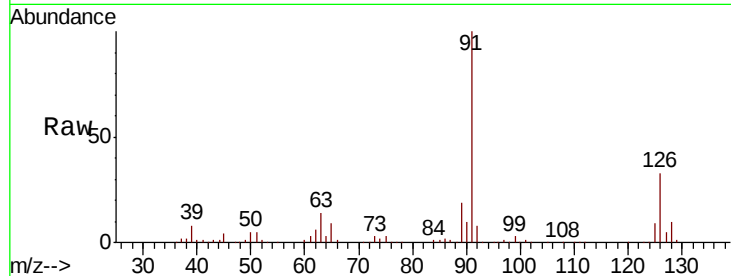
#79
 2-Chlorotoluene
 Concen: 45.640 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX005820.D
 Acq: 06 Nov 2018 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 257191
 Ion Ratio Lower Upper
 91 100
 126 33.2 17.3 52.0

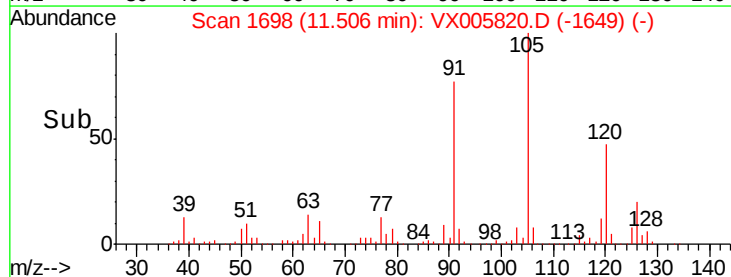
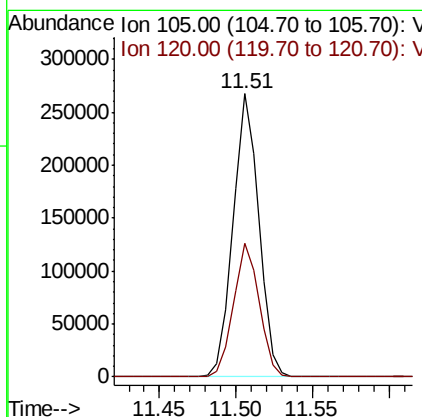
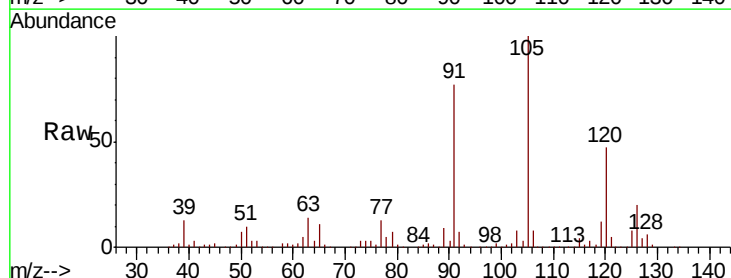
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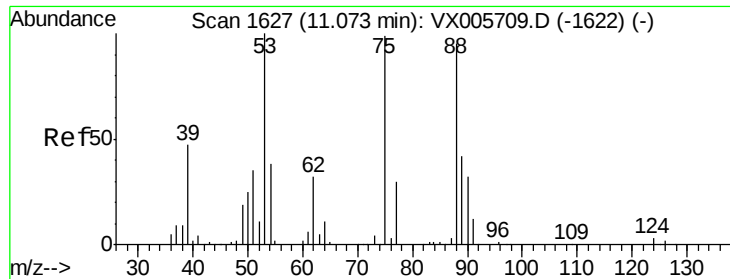
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#80
 1,3,5-Trimethylbenzene
 Concen: 47.270 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX005820.D
 Acq: 06 Nov 2018 20:11

Tgt Ion: 105 Resp: 311293
 Ion Ratio Lower Upper
 105 100
 120 47.2 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 44.514 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX005820.D

Acq: 06 Nov 2018 20:11

Instrument :

MSVOA_X

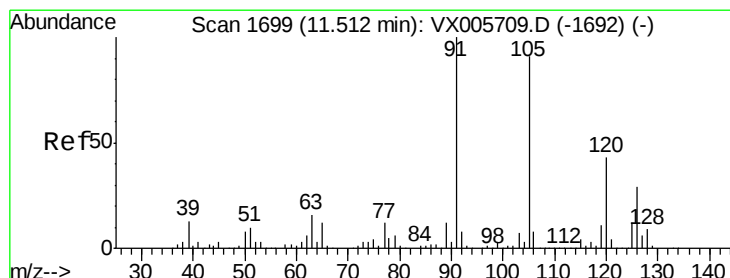
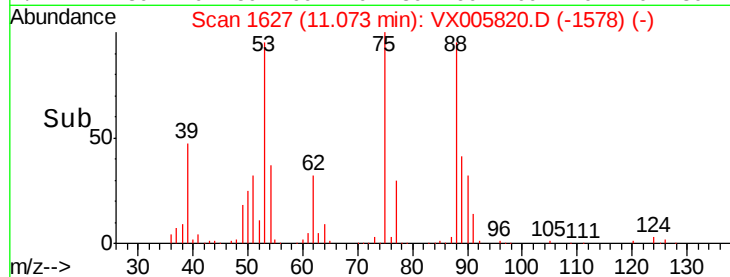
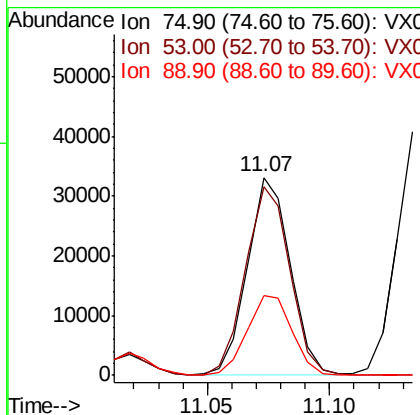
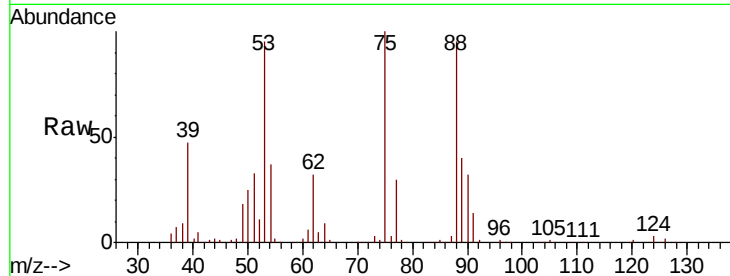
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	40340
Ion	Ratio	Lower	Upper
75	100		
53	100.1	80.2	120.2
89	42.9	39.8	59.8

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#82

4-Chlorotoluene

Concen: 45.237 ug/l

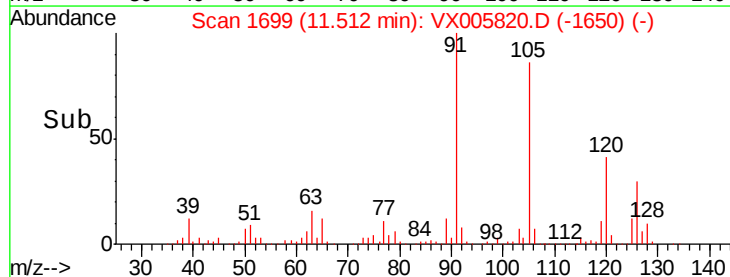
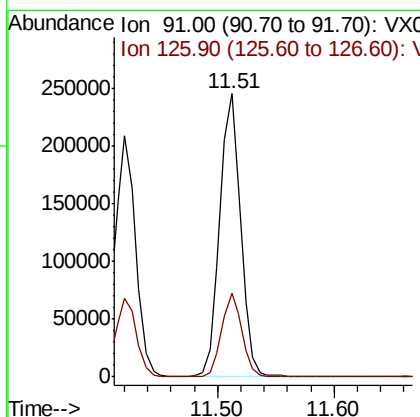
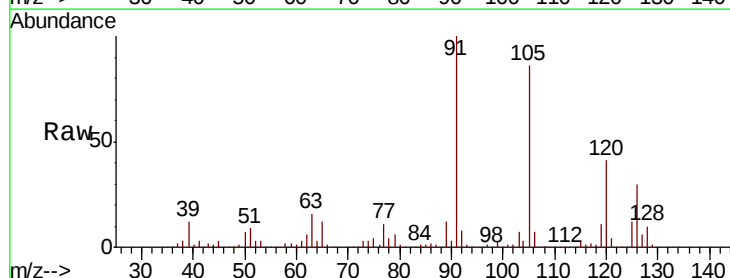
RT: 11.51 min Scan# 1699

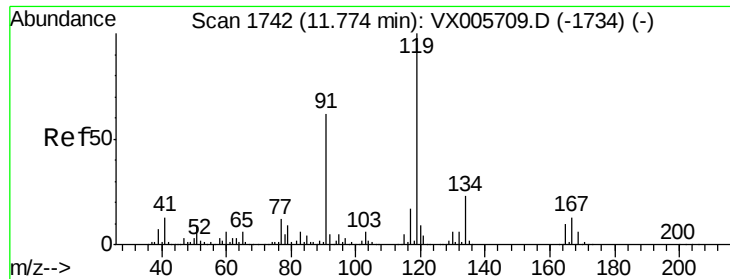
Delta R.T. 0.00 min

Lab File: VX005820.D

Acq: 06 Nov 2018 20:11

Tgt Ion:	91	Resp:	304335
Ion	Ratio	Lower	Upper
91	100		
126	28.9	15.2	45.6





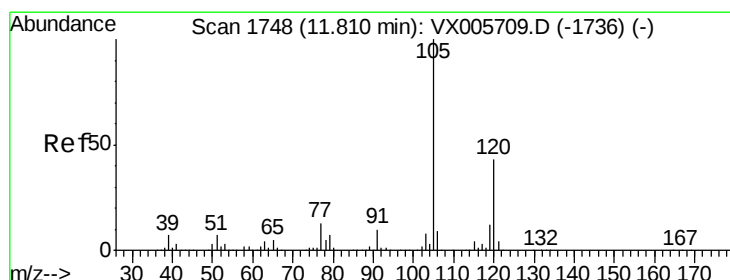
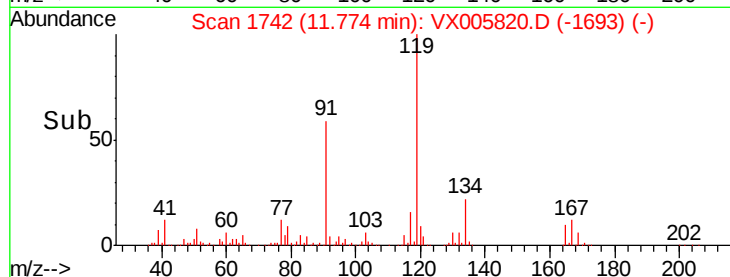
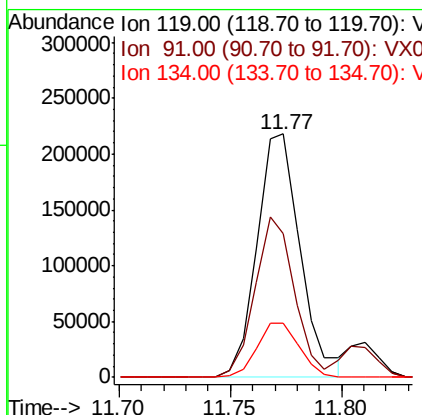
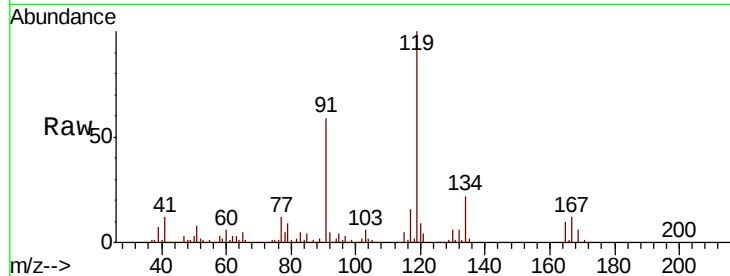
#83
tert-Butylbenzene
Concen: 46.987 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	295242		
91	60.1	28.5	85.5	
134	22.0	11.3	33.8	

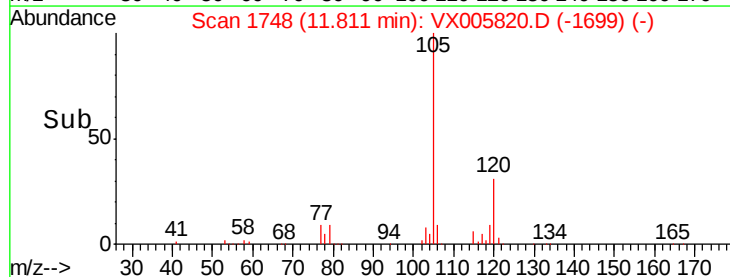
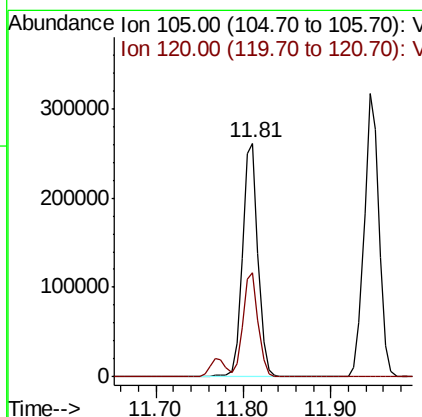
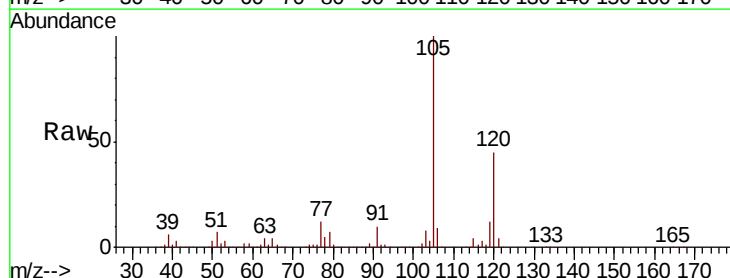
Manual Integrations
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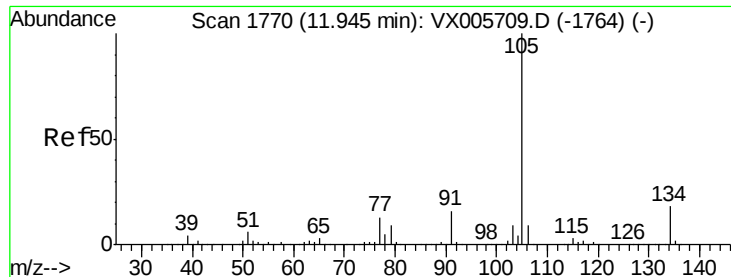
MMDadoda
11/7/2018 12:40:46 PM



#84
1,2,4-Trimethylbenzene
Concen: 48.487 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	322434		
120	43.5	22.4	67.0	





#85

sec-Butylbenzene

Concen: 46.483 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX005820.D

Acq: 06 Nov 2018 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 374656

Ion Ratio Lower Upper

105 100

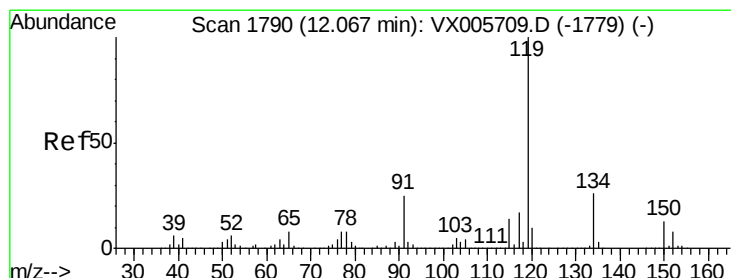
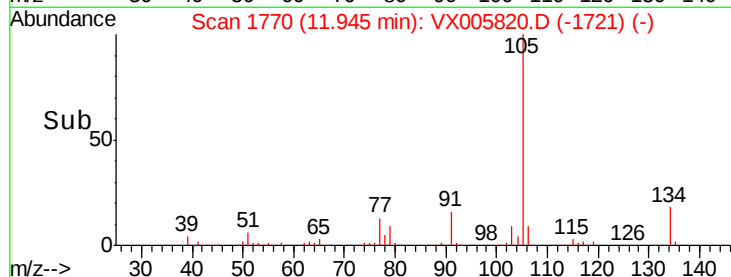
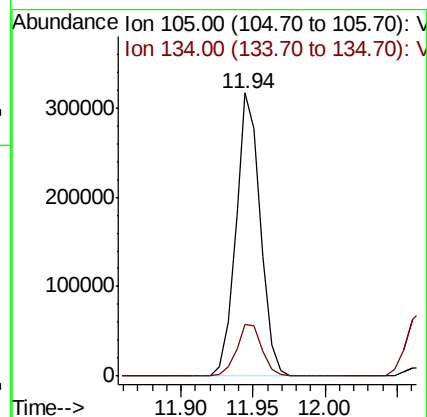
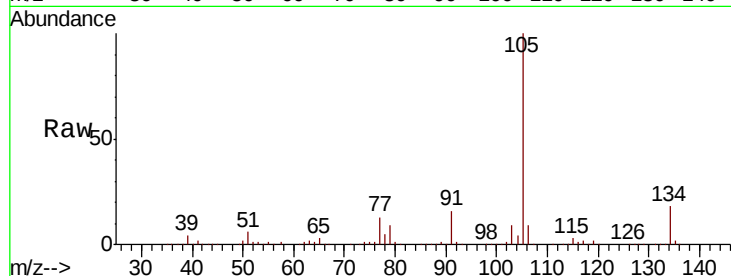
134 19.0 10.2 30.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 47.299 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005820.D

Acq: 06 Nov 2018 20:11

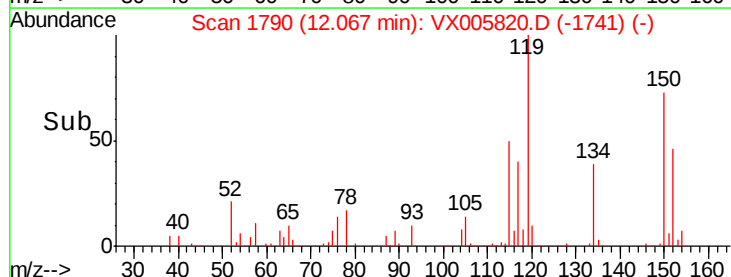
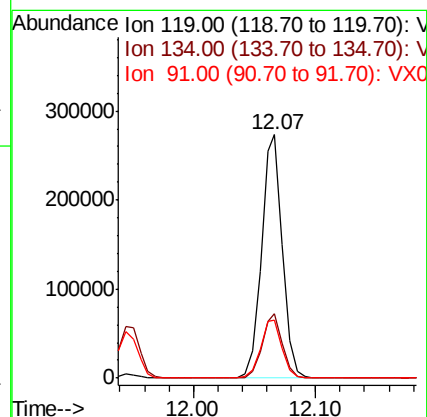
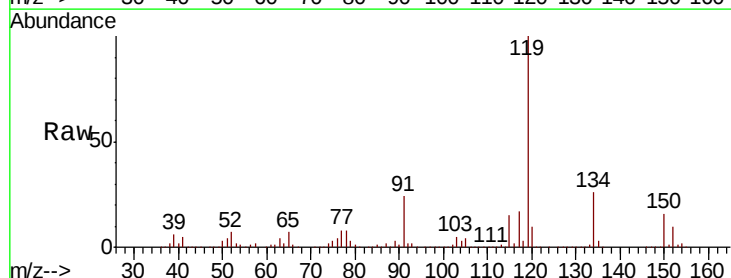
Tgt Ion:119 Resp: 324238

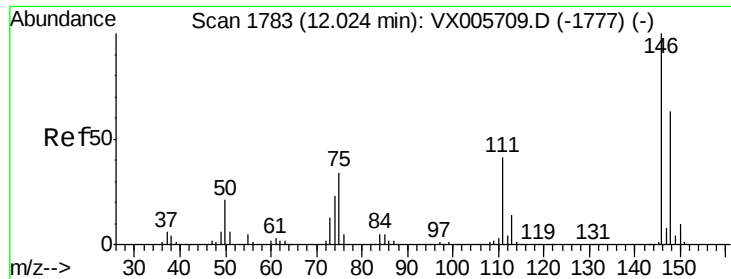
Ion Ratio Lower Upper

119 100

134 25.7 13.0 39.0

91 24.6 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 45.007 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX005820.D

Acq: 06 Nov 2018 20:11

Instrument :

MSVOA_X

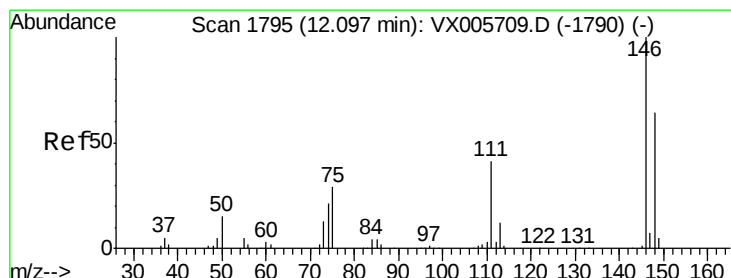
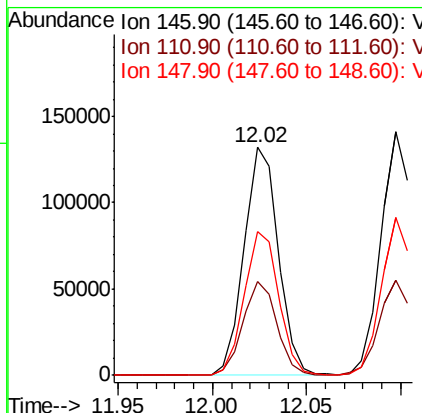
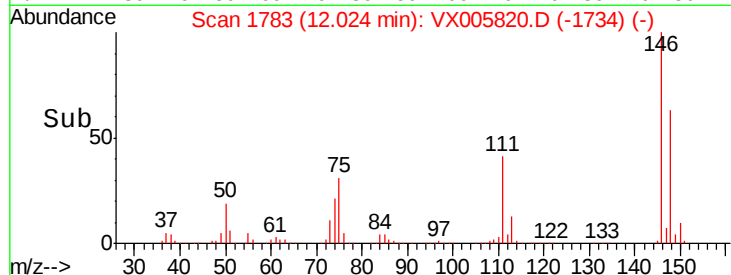
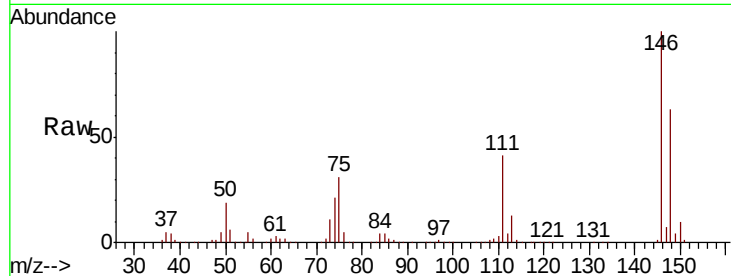
ClientSampled :

VSTDCCC050EC

Tot Ion:	146	Resp:	167430
Ion Ratio	Lower	Upper	
146	100		
111	40.7	19.0	57.0
148	63.7	31.9	95.9

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#88

1,4-Dichlorobenzene

Concen: 42.781 ug/l

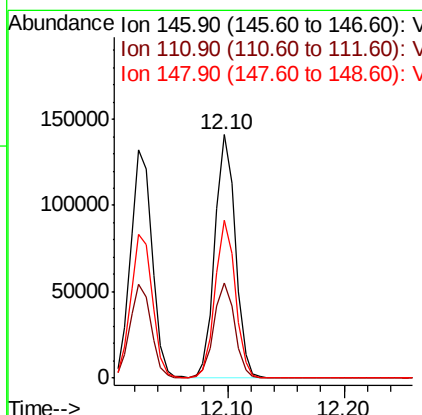
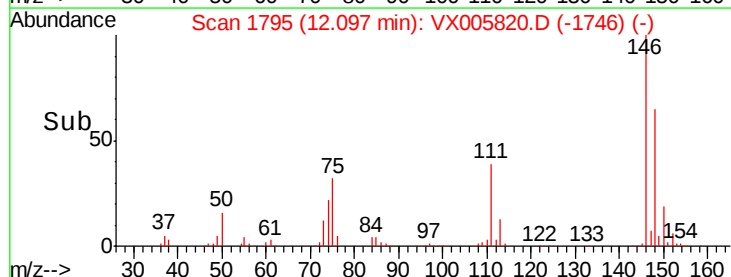
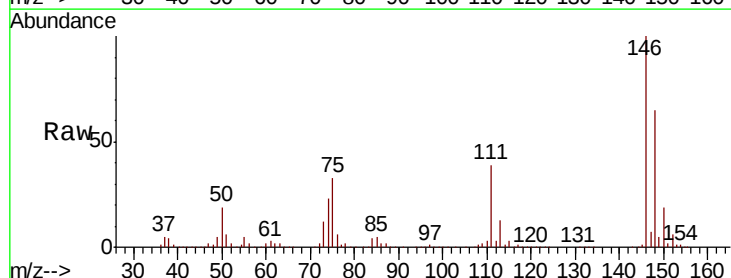
RT: 12.10 min Scan# 1795

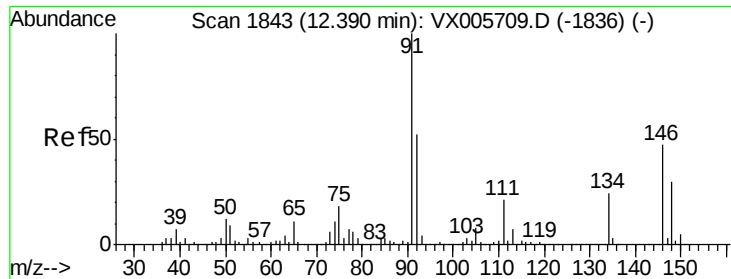
Delta R.T. 0.00 min

Lab File: VX005820.D

Acq: 06 Nov 2018 20:11

Tgt Ion:	146	Resp:	170974
Ion Ratio	Lower	Upper	
146	100		
111	39.8	18.6	55.8
148	63.8	32.1	96.3





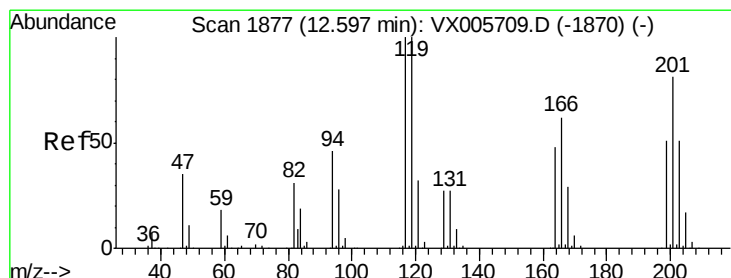
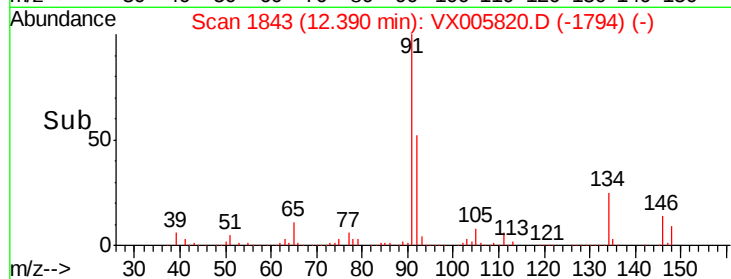
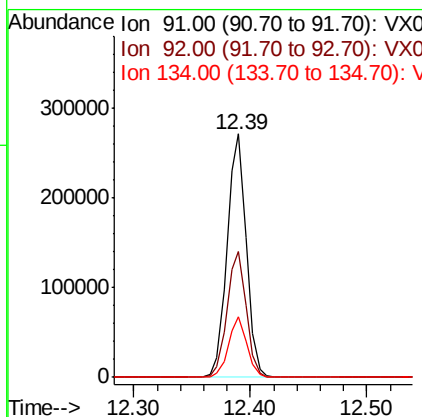
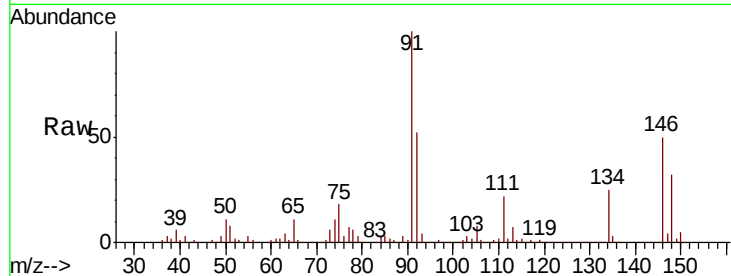
#89
n-Butylbenzene
Concen: 44.659 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
92	51.7	26.1	78.2		
134	23.8	13.1	39.3		

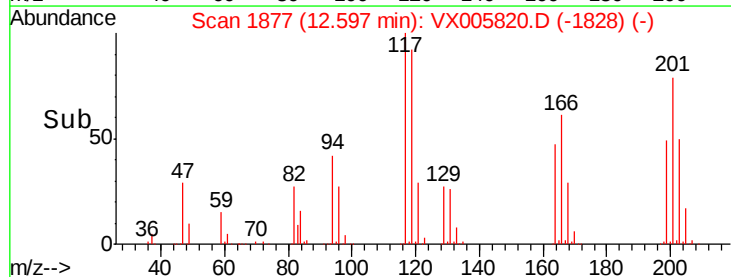
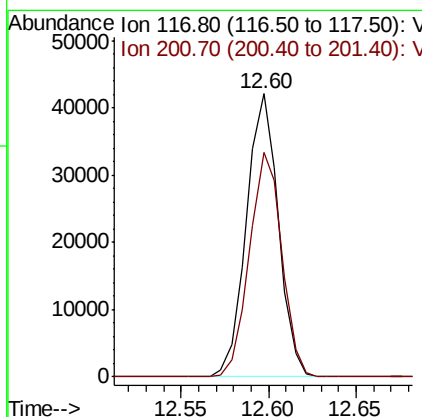
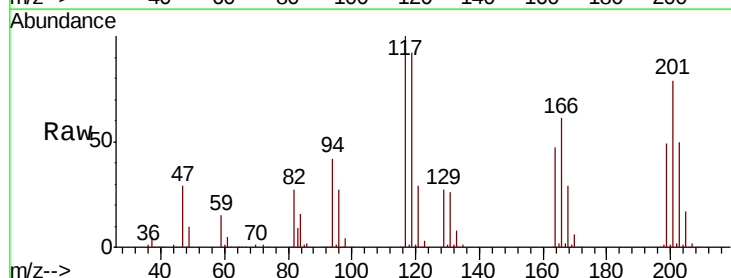
Manual Integrations
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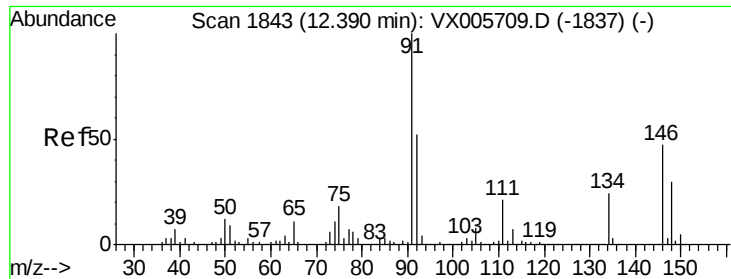
MMDadoda
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#90
Hexachloroethane
Concen: 43.888 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
201	80.5	47.9	143.6		





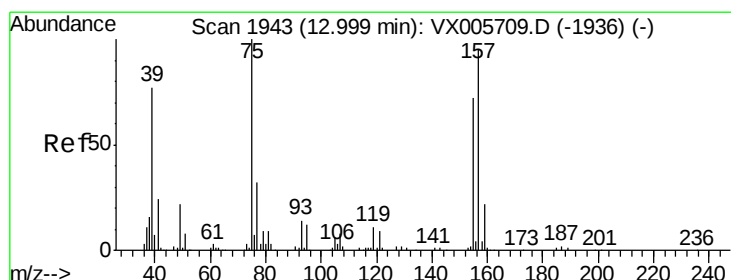
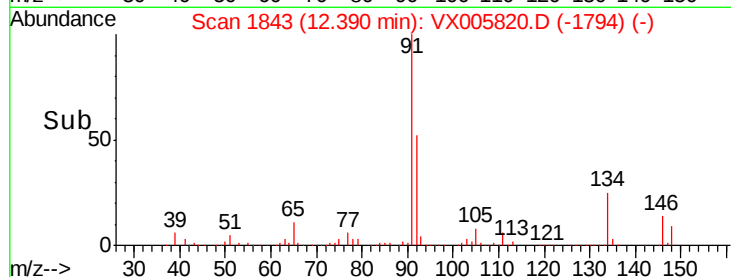
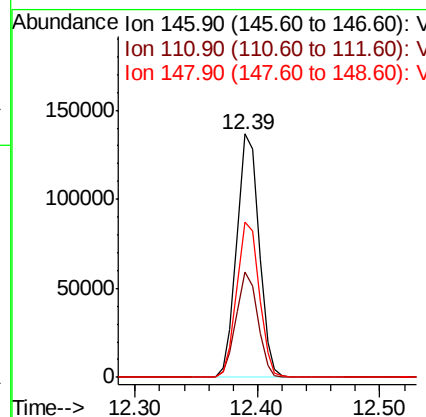
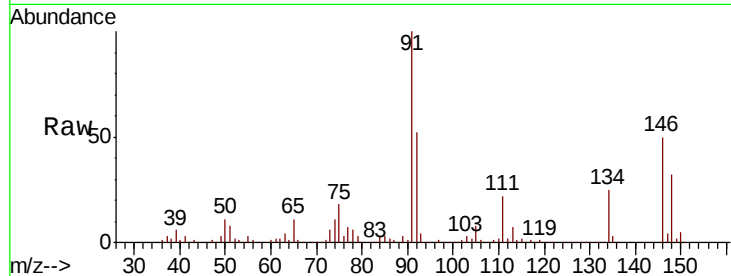
#91
 1,2-Dichlorobenzene
 Concen: 44.213 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX005820.D
 Acq: 06 Nov 2018 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.0	59.9
148	64.1	32.2	96.6

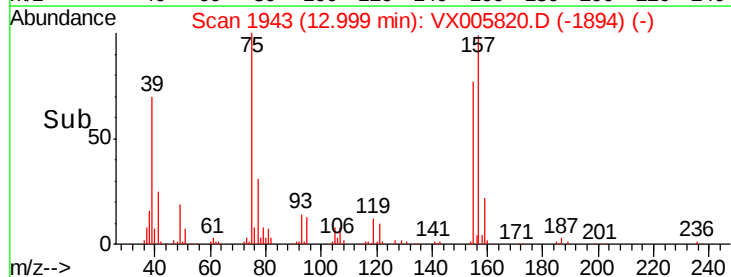
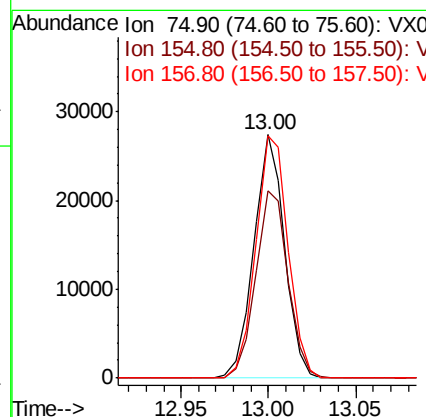
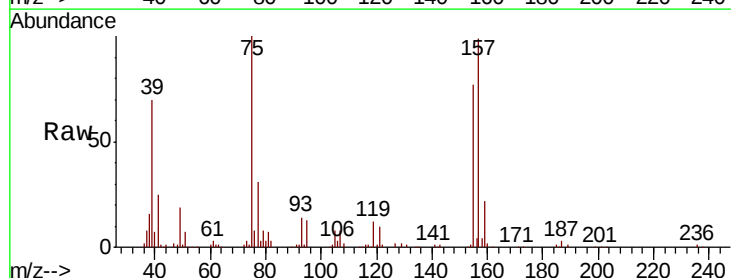
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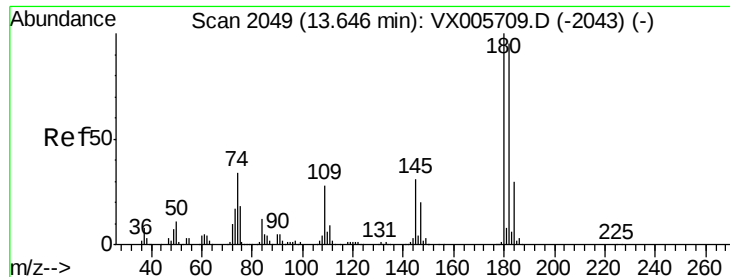
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.003 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX005820.D
 Acq: 06 Nov 2018 20:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.3	45.4	136.1
157	105.1	57.4	172.0





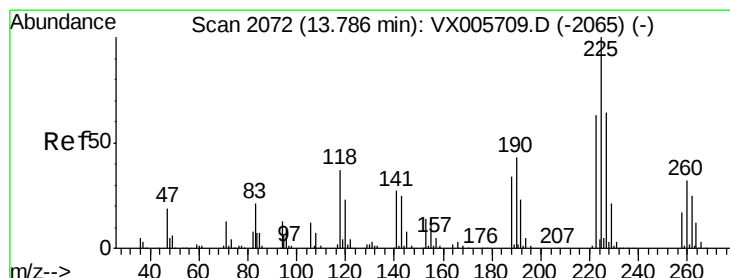
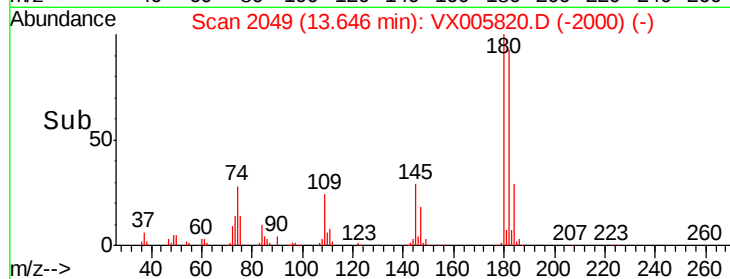
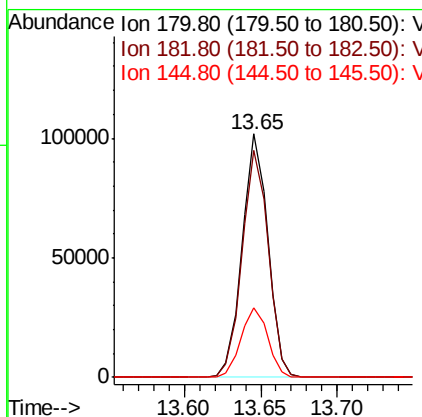
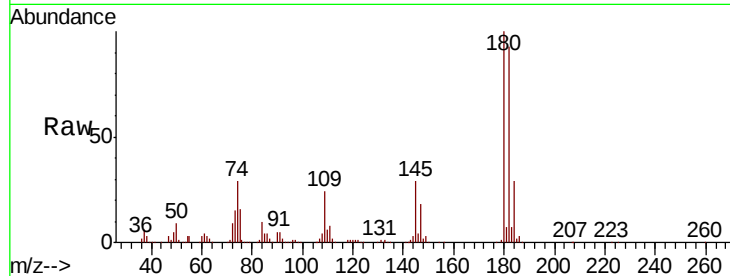
#93
 1,2,4-Trichlorobenzene
 Concen: 47.699 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005820.D
 Acq: 06 Nov 2018 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	118897		
182	94.6	47.6	142.8	
145	29.7	14.1	42.2	

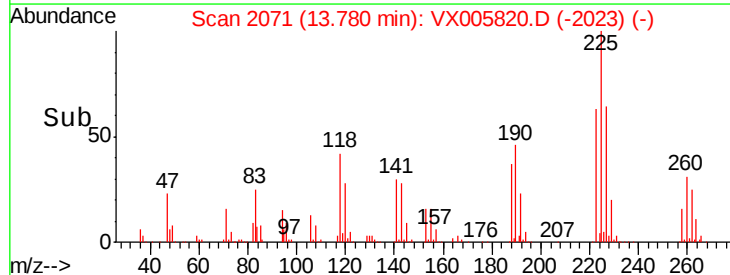
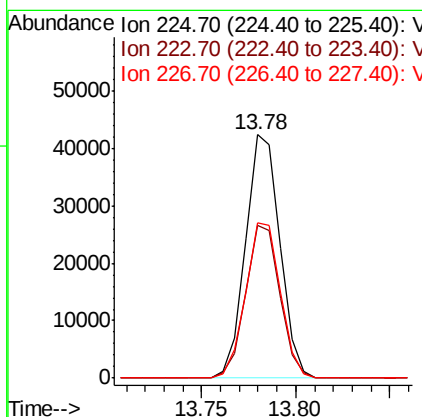
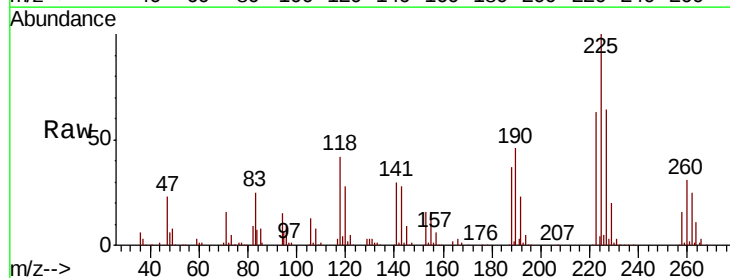
Manual Integrations
 APPROVED

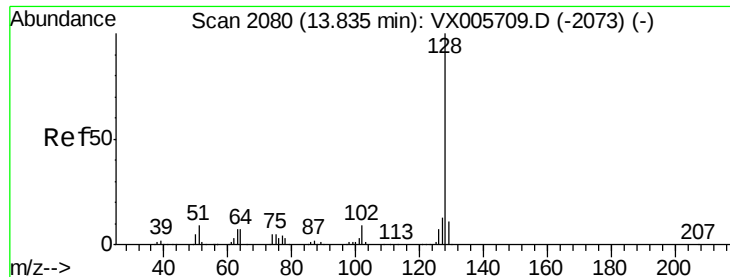
MMDadoda
 11/7/2018 12:40:46 PM



#94
 Hexachlorobutadiene
 Concen: 44.390 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005820.D
 Acq: 06 Nov 2018 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	53530		
223	62.5	31.7	95.1	
227	64.6	32.3	96.9	





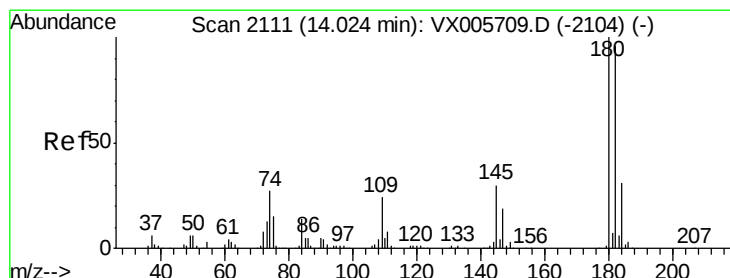
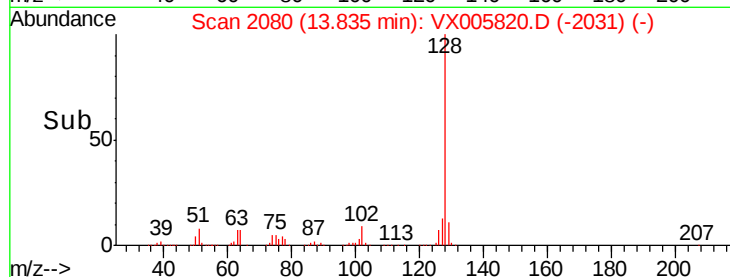
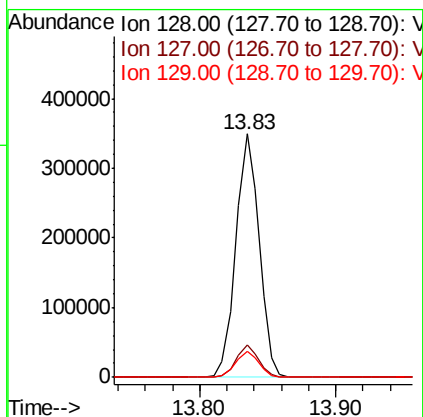
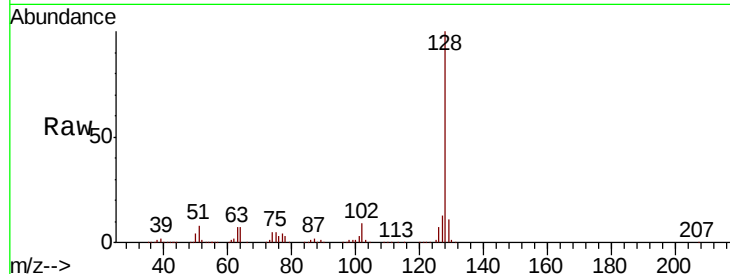
#95
Naphthalene
Concen: 50.834 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.6	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 47.794 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX005820.D
Acq: 06 Nov 2018 20:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.0	144.2
145	31.9	15.1	45.3

