

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072418\
 Data File : VX003648.D
 Acq On : 24 Jul 2018 18:55
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX072418

Manual Integrations
 APPROVED

MMDadoda
 8/2/2018 11:54:18 AM

Quant Time: Jul 25 04:37:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 04:33:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	124312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	181291	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	174291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	104836	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	88055	47.82	ug/l	0.00
Spiked Amount			Recovery	=	95.64%	
35) Dibromofluoromethane	5.51	113	73246	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	
50) Toluene-d8	8.72	98	274455	48.52	ug/l	0.00
Spiked Amount			Recovery	=	97.04%	
62) 4-Bromofluorobenzene	11.14	95	101674	49.29	ug/l	0.00
Spiked Amount			Recovery	=	98.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	65132	46.004	ug/l	100
3) Chloromethane	1.32	50	83988	45.033	ug/l	99
4) Vinyl Chloride	1.40	62	90293	47.336	ug/l	97
5) Bromomethane	1.64	94	50647	54.986	ug/l	95
6) Chloroethane	1.72	64	54718	41.819	ug/l	99
7) Trichlorofluoromethane	1.92	101	118468	48.248	ug/l	97
8) Diethyl Ether	2.19	74	51478	47.846	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	72272	47.826	ug/l	99
10) Methyl Iodide	2.51	142	101497	49.838	ug/l	99
11) Tert butyl alcohol	3.09	59	102544	232.964	ug/l	99
12) 1,1-Dichloroethene	2.37	96	69242	48.157	ug/l	95
13) Acrolein	2.29	56	55317	248.558	ug/l	97
14) Allyl chloride	2.73	41	139969	46.699	ug/l	98
15) Acrylonitrile	3.15	53	252604	237.516	ug/l	100
16) Acetone	2.45	43	202018	233.522	ug/l	99
17) Carbon Disulfide	2.57	76	201288	48.668	ug/l	100
18) Methyl Acetate	2.78	43	123031	47.088	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	249083	49.050	ug/l	96
20) Methylene Chloride	2.86	84	81031	47.272	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	74057	47.898	ug/l	89
22) Diisopropyl ether	3.88	45	266479	48.693	ug/l	95
23) Vinyl Acetate	3.83	43	1152500	245.839	ug/l	100
24) 1,1-Dichloroethane	3.70	63	145288	47.103	ug/l	99
25) 2-Butanone	4.72	43	326426	244.252	ug/l	95
26) 2,2-Dichloropropane	4.59	77	86812	44.514	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	80116	47.725	ug/l	99
28) Bromochloromethane	5.03	49	55223	44.615	ug/l	100
29) Tetrahydrofuran	5.17	42	207877	238.947	ug/l	96
30) Chloroform	5.22	83	132897	47.502	ug/l	98
31) Cyclohexane	5.57	56	126864	51.240	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	112171	48.278	ug/l	99
36) 1,1-Dichloropropene	5.80	75	105075	49.586	ug/l	98
37) Ethyl Acetate	4.87	43	122836	48.207	ug/l	99
38) Carbon Tetrachloride	5.79	117	100331	49.123	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	120177	51.522	ug/l	99
40) Benzene	6.15	78	315382	50.292	ug/l	100
41) Methacrylonitrile	5.07	41	66811	47.350	ug/l	99
42) 1,2-Dichloroethane	6.20	62	106689	48.337	ug/l	99
43) Isopropyl Acetate	6.47	43	188035	50.585	ug/l	99
44) Trichloroethene	7.21	130	82637	49.150	ug/l	99
45) 1,2-Dichloropropane	7.52	63	81103	50.033	ug/l	99
46) Dibromomethane	7.67	93	52174	50.103	ug/l	99
47) Bromodichloromethane	7.90	83	97036	49.701	ug/l	99
48) Methyl methacrylate	7.78	41	96900	51.370	ug/l	100
49) 1,4-Dioxane	7.76	88	42082	999.957	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	624653	249.053	ug/l	100
52) Toluene	8.79	92	194001	49.770	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	130973	55.060	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	111443	51.554	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	78290	49.136	ug/l	98
56) Ethyl methacrylate	9.19	69	126388	53.303	ug/l	99
57) 1,3-Dichloropropane	9.38	76	132008	49.341	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	324406	272.264	ug/l	99
59) 2-Hexanone	9.50	43	486214	252.718	ug/l	100
60) Dibromochloromethane	9.59	129	78293	51.806	ug/l	100
61) 1,2-Dibromoethane	9.68	107	82670	49.828	ug/l	100
64) Tetrachloroethene	9.34	164	76584	48.061	ug/l	99
65) Chlorobenzene	10.14	112	214201	48.834	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	75917	49.784	ug/l	100
67) Ethyl Benzene	10.26	91	372669	50.757	ug/l	100
68) m/p-Xylenes	10.36	106	286635	101.762	ug/l	99
69) o-Xylene	10.70	106	138876	51.215	ug/l	100
70) Styrene	10.71	104	236871	52.002	ug/l	100
71) Bromoform	10.86	173	60807	50.428	ug/l #	99
73) Isopropylbenzene	11.02	105	371597	51.879	ug/l	99
74) N-amyl acetate	6.47	43	188035	50.334	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	126734	47.913	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	108815m	49.486	ug/l	
77) Bromobenzene	11.26	156	96955	49.838	ug/l	99
78) n-propylbenzene	11.37	91	433855	52.456	ug/l	100
79) 2-Chlorotoluene	11.43	91	253691	50.466	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	316788	52.276	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	37091	52.262	ug/l	99
82) 4-Chlorotoluene	11.51	91	300339	50.720	ug/l	100
83) tert-Butylbenzene	11.77	119	307178	51.803	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	326836	52.477	ug/l	100
85) sec-Butylbenzene	11.95	105	370649	52.370	ug/l	100
86) p-Isopropyltoluene	12.07	119	334437	52.647	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	181448	50.081	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	184528	48.988	ug/l	100
89) n-Butylbenzene	12.39	91	294786	51.486	ug/l	100
90) Hexachloroethane	12.60	117	48980	50.913	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	183243	49.503	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	27726	50.355	ug/l	100

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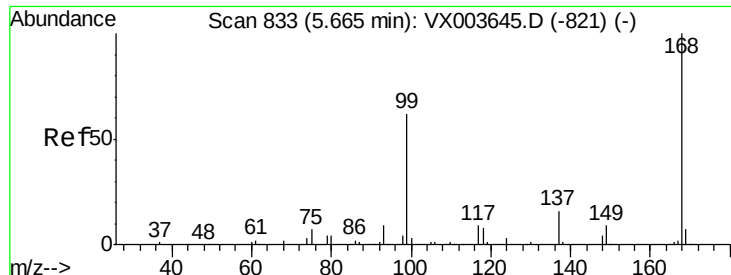
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	133884	50.688	ug/l	100
94) Hexachlorobutadiene	13.79	225	60080	49.165	ug/l	99
95) Naphthalene	13.84	128	424846	53.180	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	136919	51.032	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampled :

ICVVX072418

Tot Ion:168 Resp: 124312

Ion Ratio Lower Upper

168 100

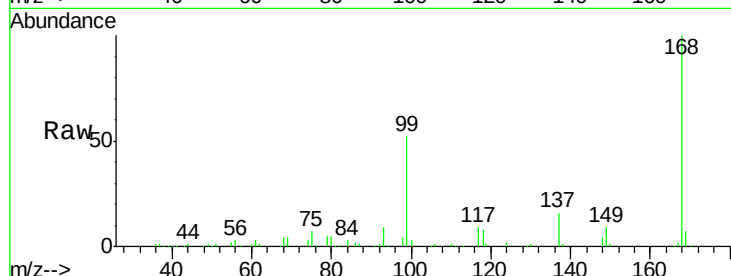
99 51.4 49.5 74.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

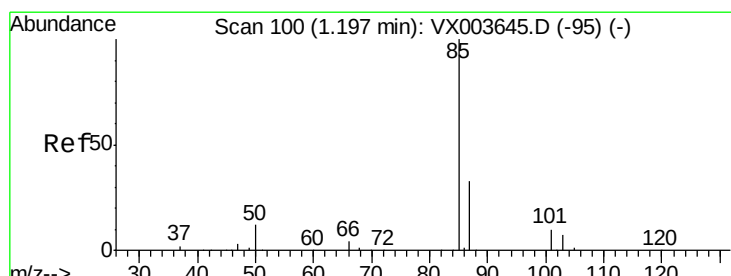
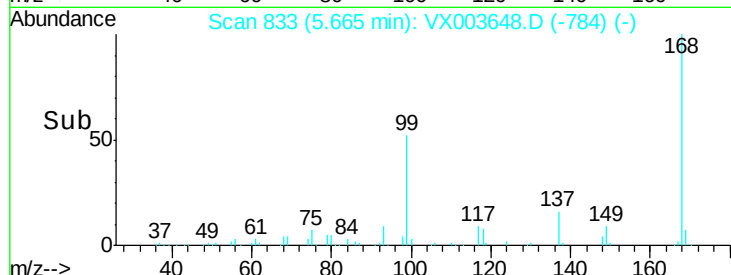
20000

10000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.004 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003648.D

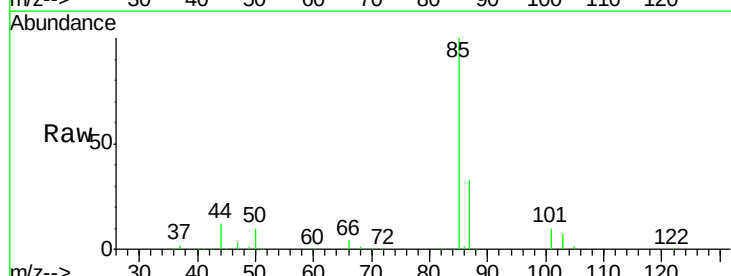
Acq: 24 Jul 2018 18:55

Tgt Ion: 85 Resp: 65132

Ion Ratio Lower Upper

85 100

87 32.8 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

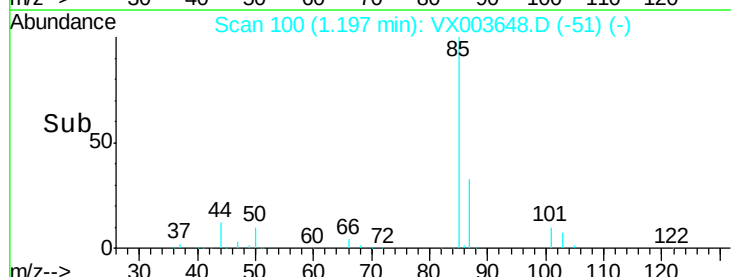
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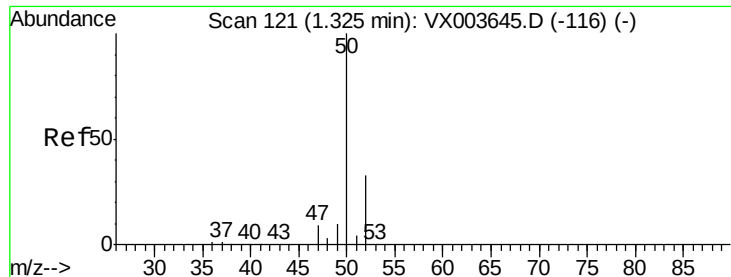
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 45.033 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampled :

ICVVX072418

Tot Ion: 50 Resp: 83988

Ion Ratio Lower Upper

50 100

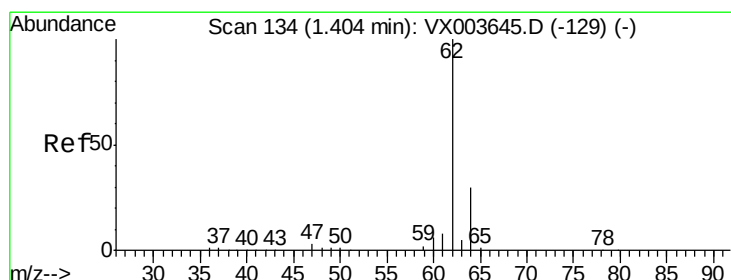
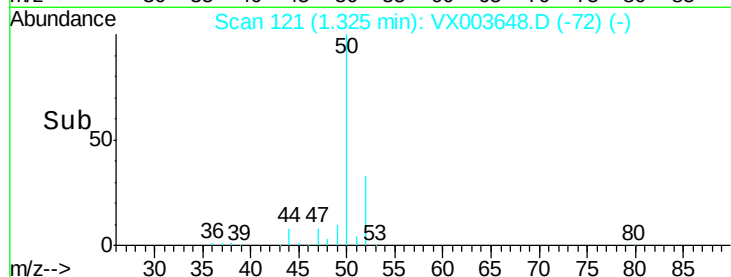
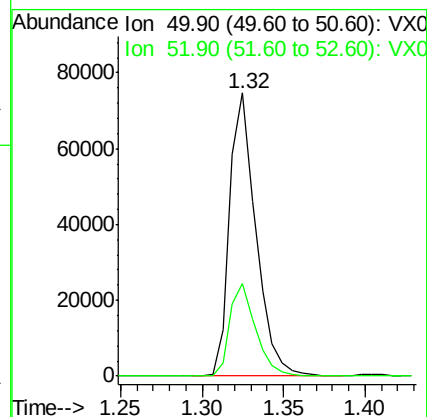
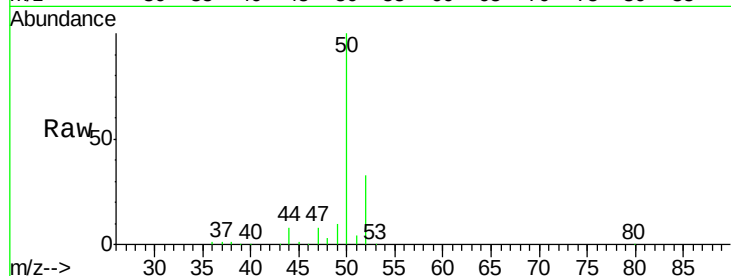
52 32.6 26.3 39.5

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#4

Vinyl Chloride

Concen: 47.336 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003648.D

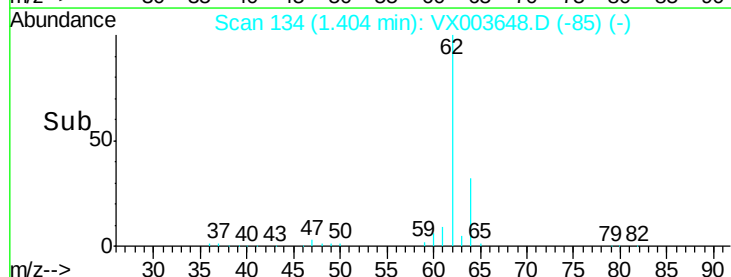
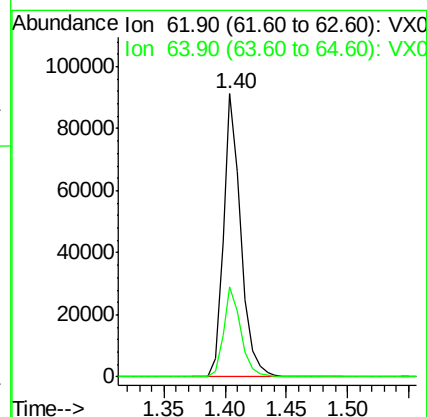
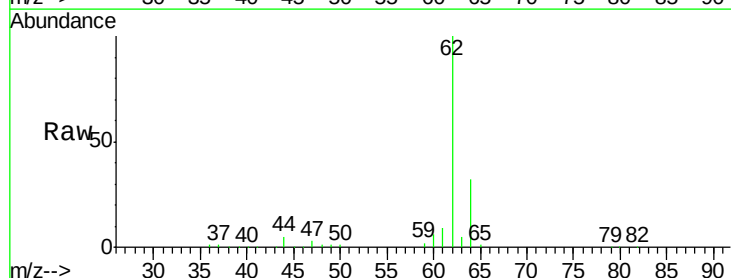
Acq: 24 Jul 2018 18:55

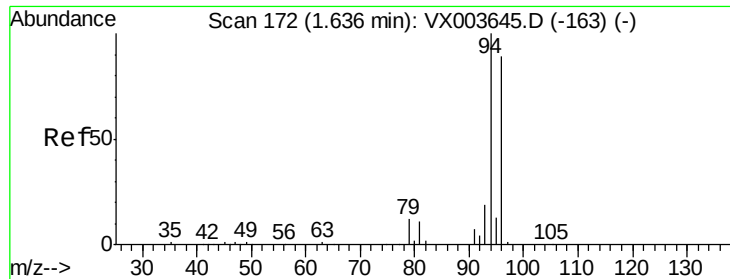
Tgt Ion: 62 Resp: 90293

Ion Ratio Lower Upper

62 100

64 32.1 24.4 36.6





#5

Bromomethane

Concen: 54.986 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072418

Tot Ion: 94 Resp: 50647

Ion Ratio Lower Upper

94 100

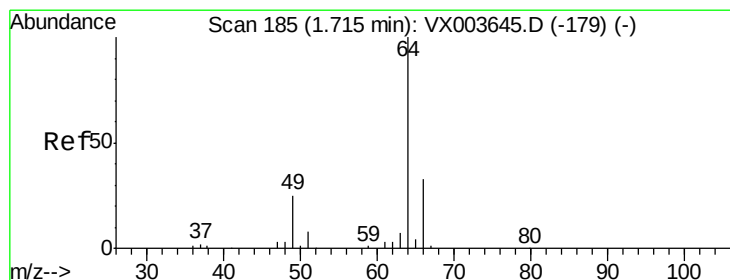
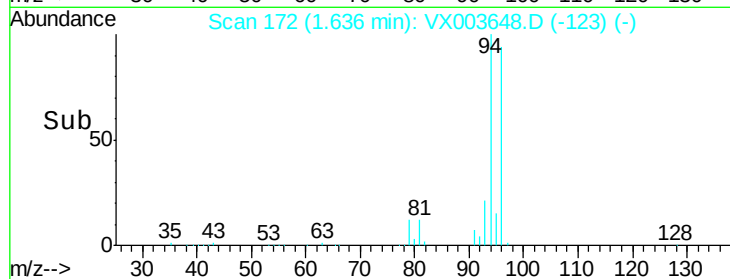
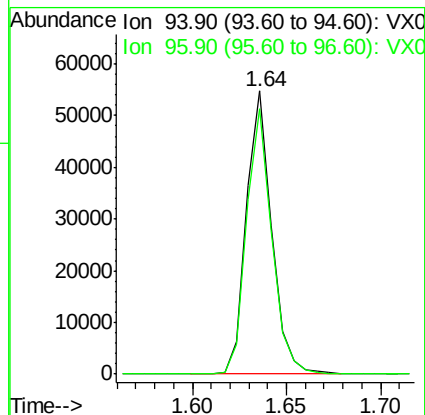
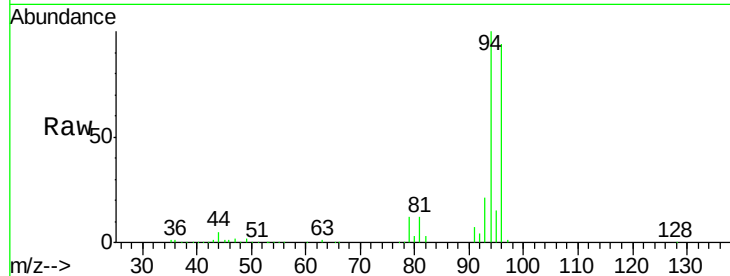
96 93.9 71.3 106.9

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#6

Chloroethane

Concen: 41.819 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003648.D

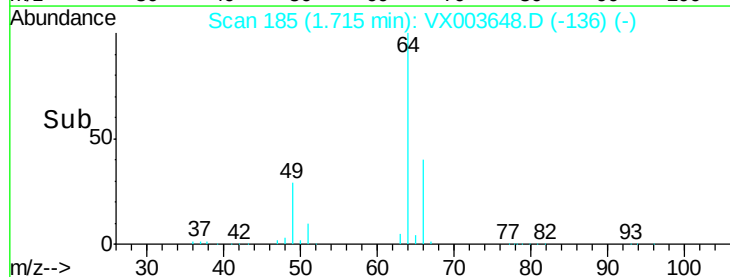
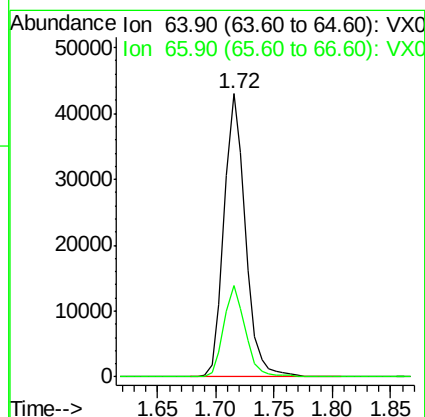
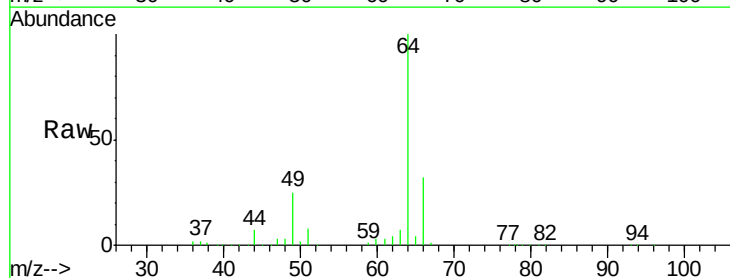
Acq: 24 Jul 2018 18:55

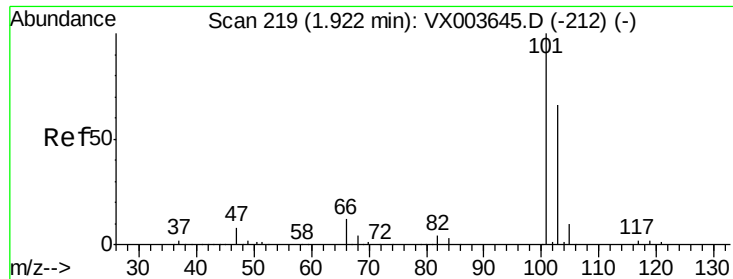
Tgt Ion: 64 Resp: 54718

Ion Ratio Lower Upper

64 100

66 32.4 26.3 39.5





#7

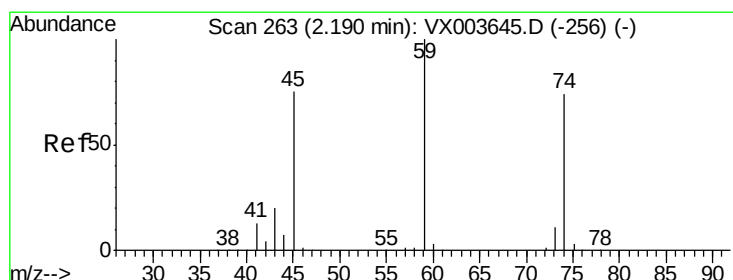
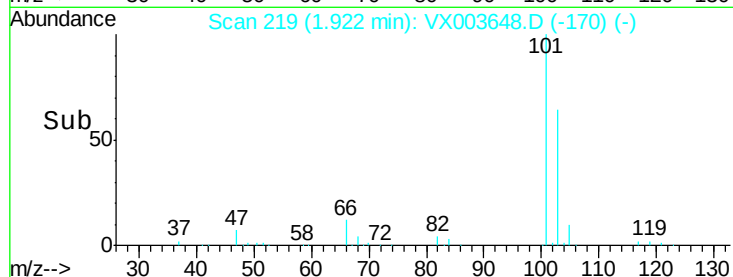
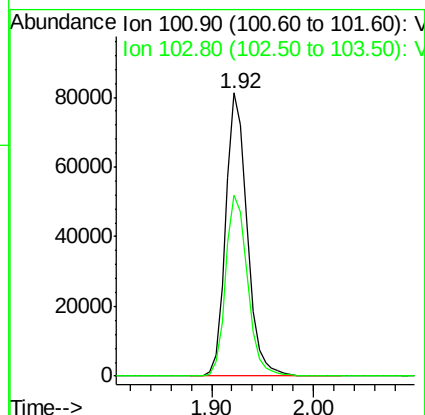
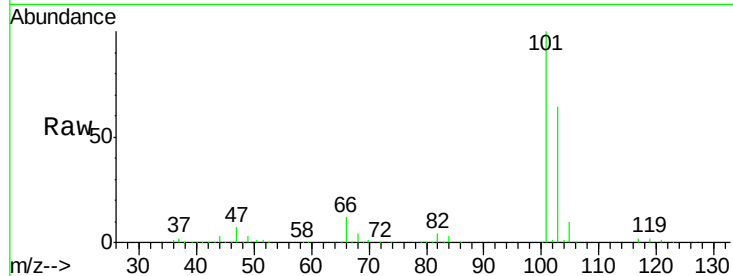
Trichlorofluoromethane
Concen: 48.248 ug/l
RT: 1.92 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072418

Tot Ion:101 Resp: 118468
Ion Ratio Lower Upper
101 100
103 63.9 53.2 79.8

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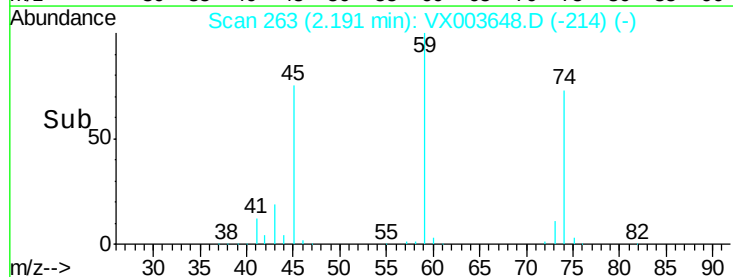
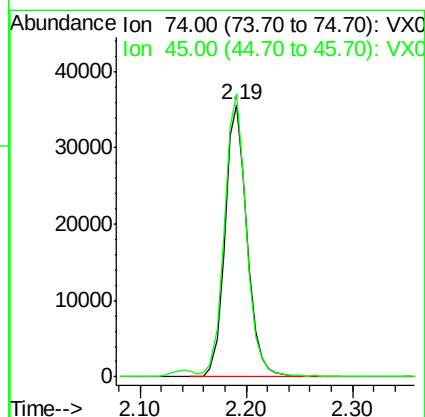
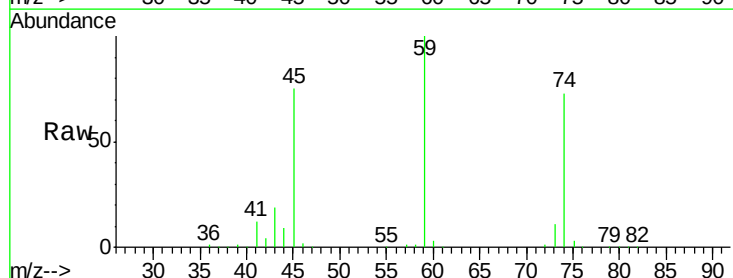
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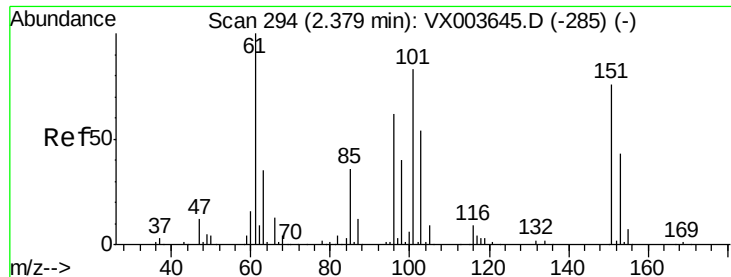


#8

Diethyl Ether
Concen: 47.846 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Tgt Ion: 74 Resp: 51478
Ion Ratio Lower Upper
74 100
45 103.7 51.0 153.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.826 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

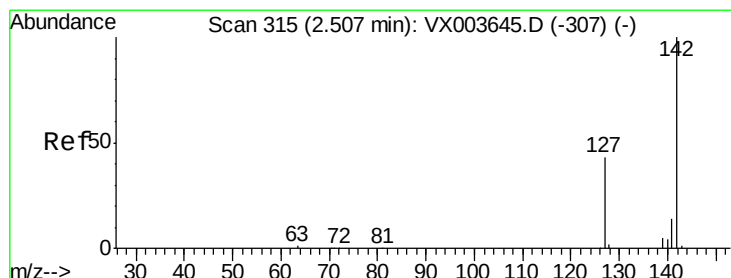
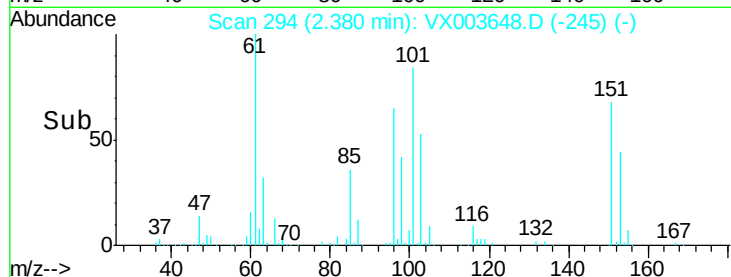
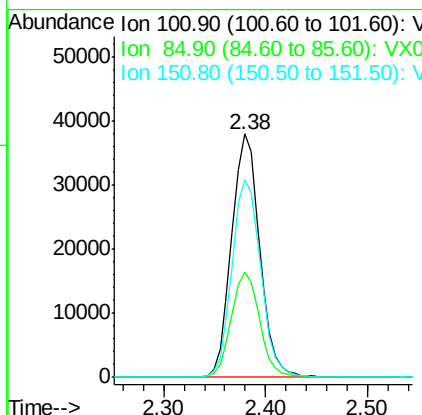
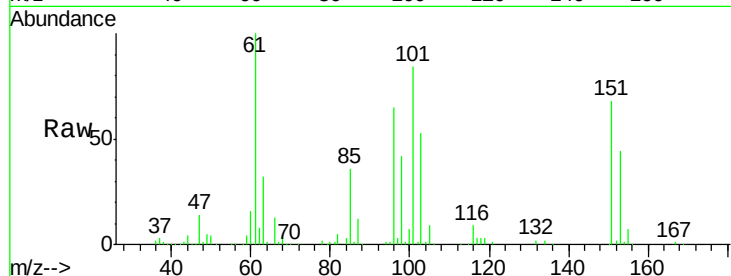
ClientSampleId :

ICVVX072418

Tot Ion:	101	Resp:	72272
Ion Ratio	Lower	Upper	
101	100		
85	43.5	34.6	52.0
151	83.2	67.5	101.3

Manual Integrations
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#10

Methyl Iodide

Concen: 49.838 ug/l

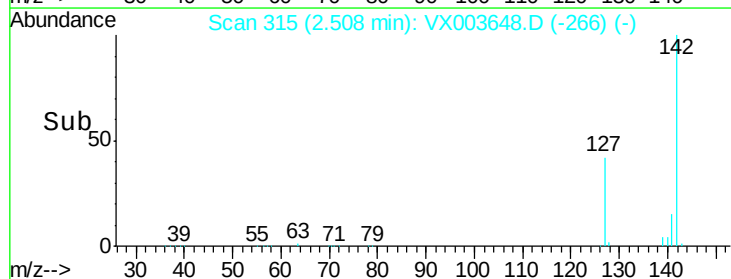
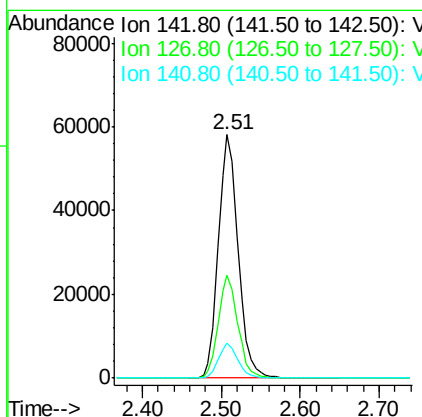
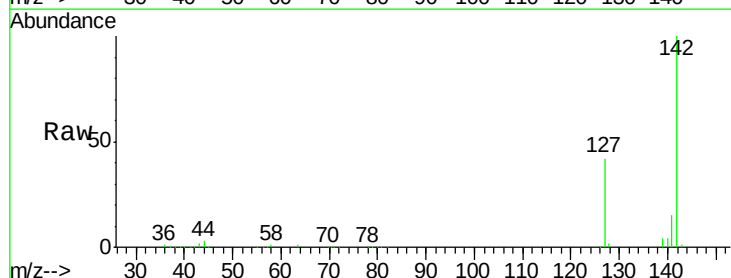
RT: 2.51 min Scan# 315

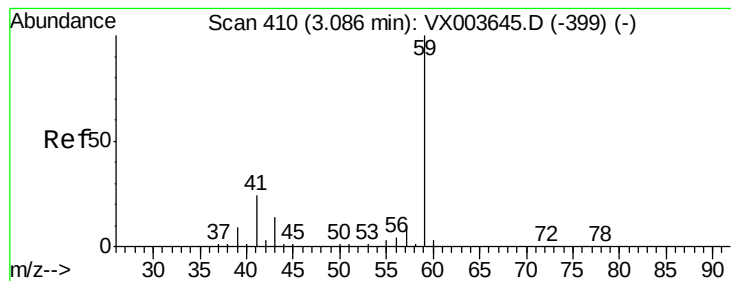
Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Tgt Ion:	142	Resp:	101497
Ion Ratio	Lower	Upper	
142	100		
127	41.7	34.0	51.0
141	14.1	11.3	16.9





#11

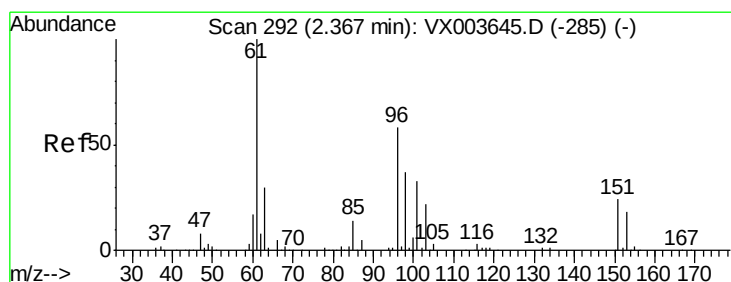
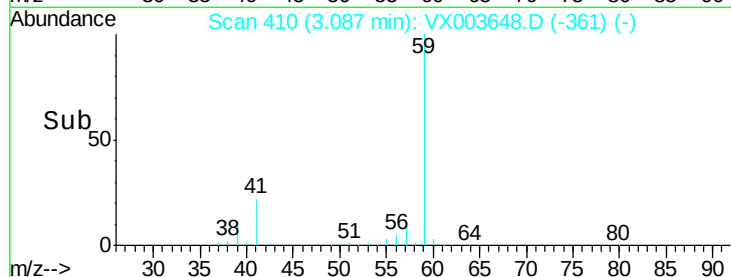
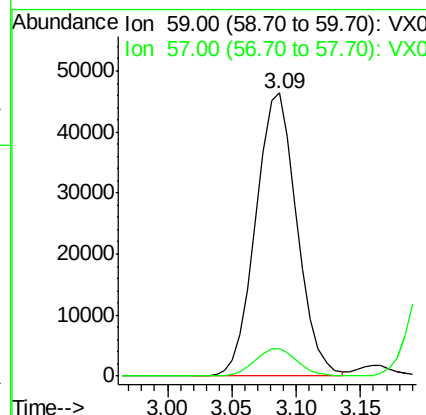
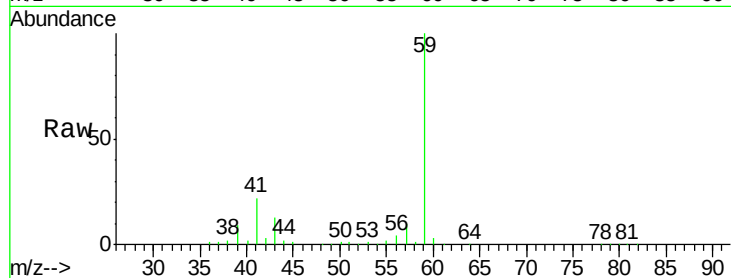
Tert butyl alcohol
Concen: 232.964 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampled :
ICVVX072418

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.4

Manual Integrations
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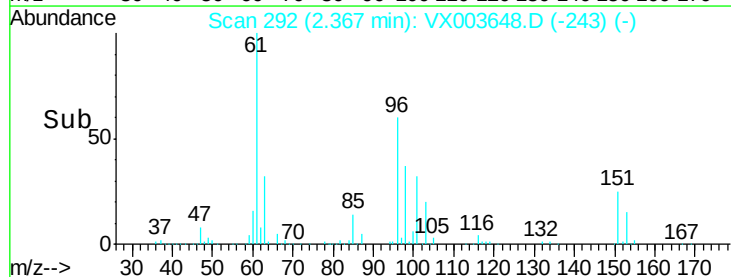
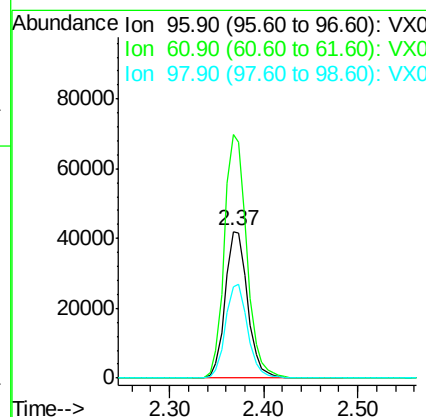
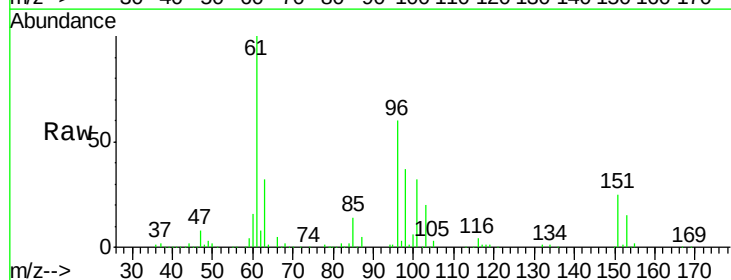
MMDadoda
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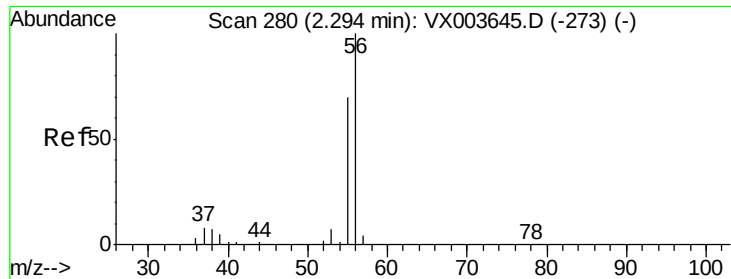


#12

1,1-Dichloroethene
Concen: 48.157 ug/l
RT: 2.37 min Scan# 292
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.1	138.8	208.2
98	62.0	51.4	77.2





#13

Acrolein

Concen: 248.558 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072418

Tot Ion: 56 Resp: 55317

Ion Ratio Lower Upper

56 100

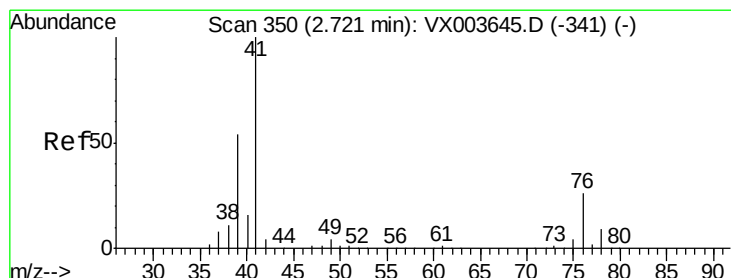
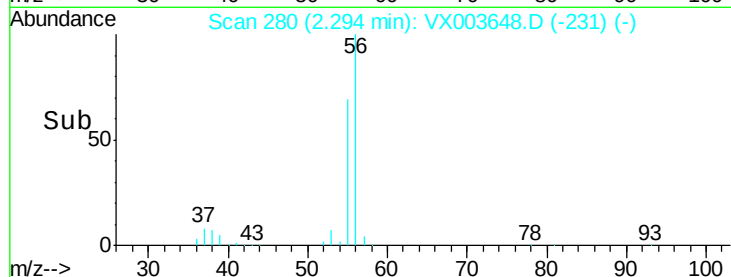
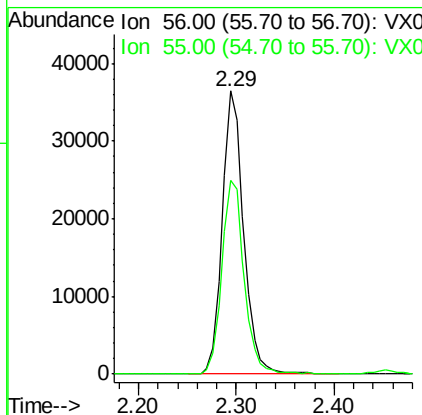
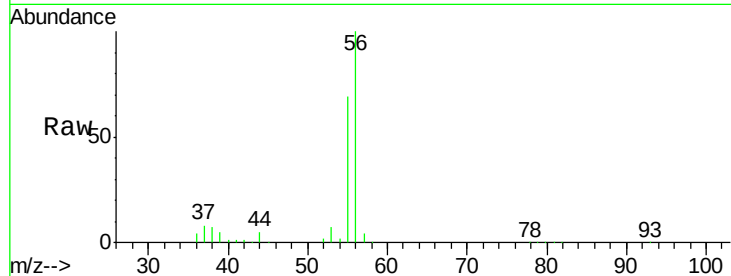
55 71.7 55.4 83.2

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#14

Allyl chloride

Concen: 46.699 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.01 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

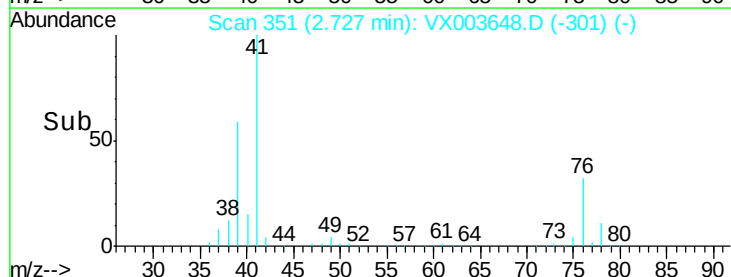
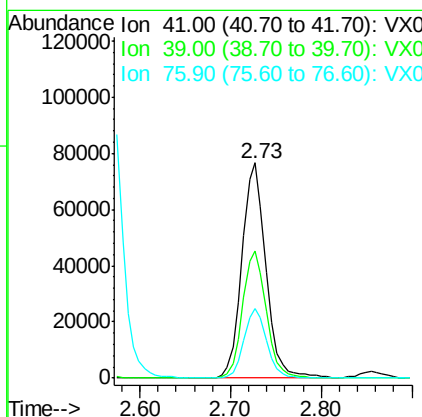
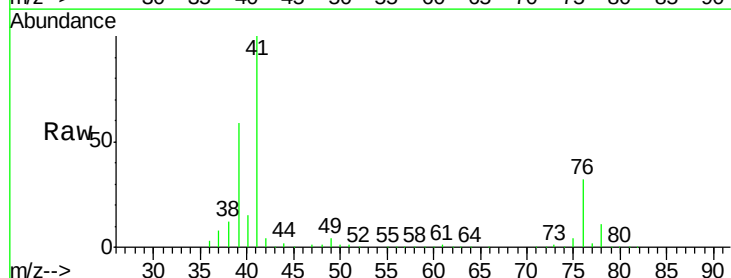
Tgt Ion: 41 Resp: 139969

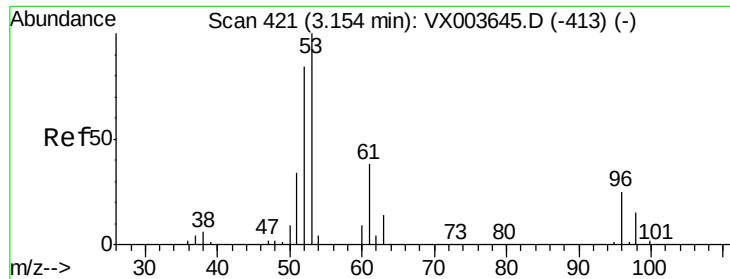
Ion Ratio Lower Upper

41 100

39 58.2 45.3 67.9

76 30.9 23.8 35.6





#15

Acrylonitrile

Concen: 237.516 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

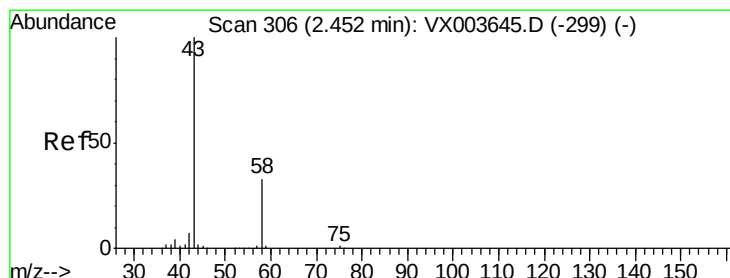
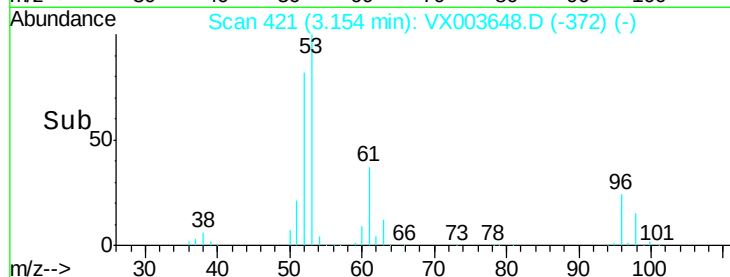
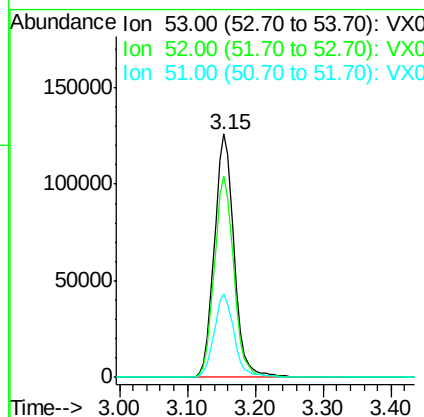
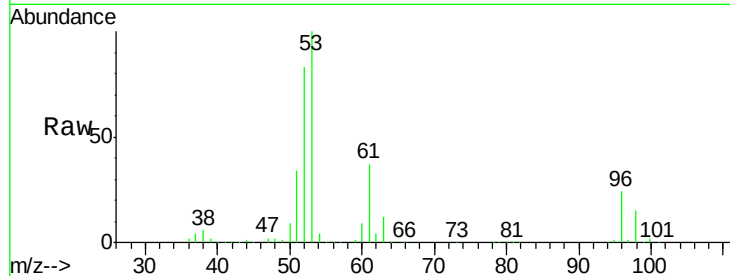
ClientSampleId :

ICVVX072418

Tot Ion:	53	Resp:	252604
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.1	99.1
51	35.2	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 233.522 ug/l

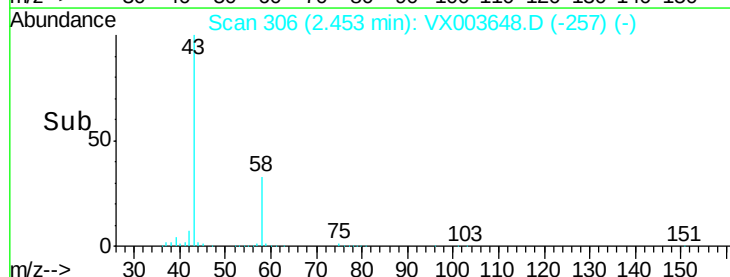
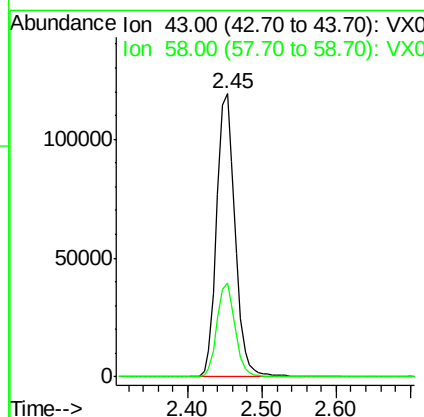
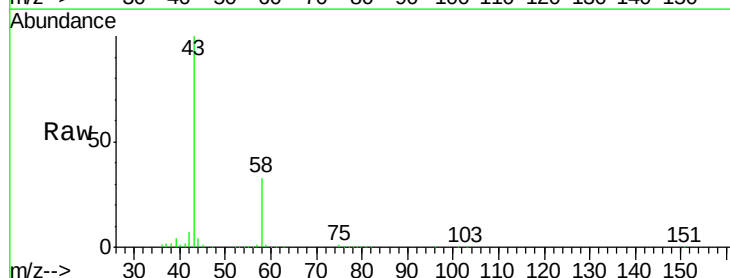
RT: 2.45 min Scan# 306

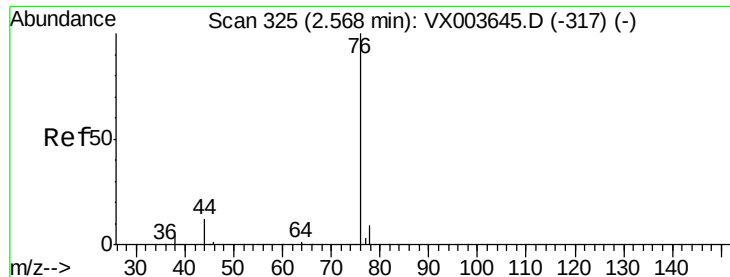
Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Tgt Ion:	43	Resp:	202018
Ion	Ratio	Lower	Upper
43	100		
58	33.3	26.1	39.1





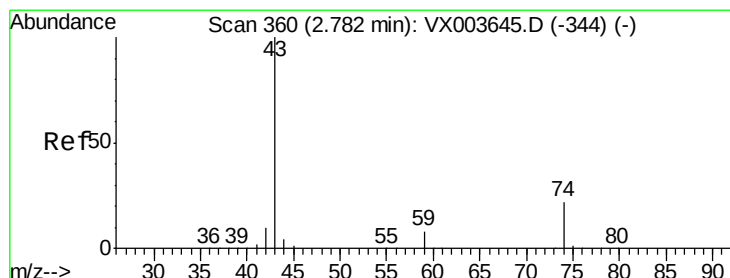
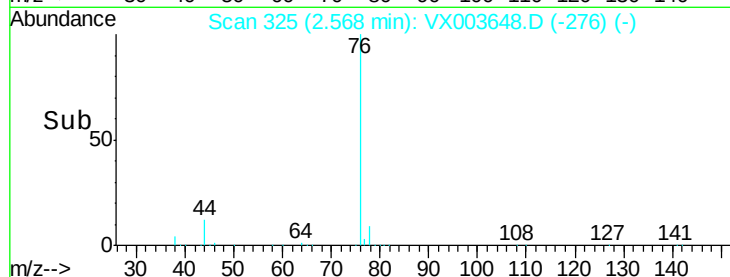
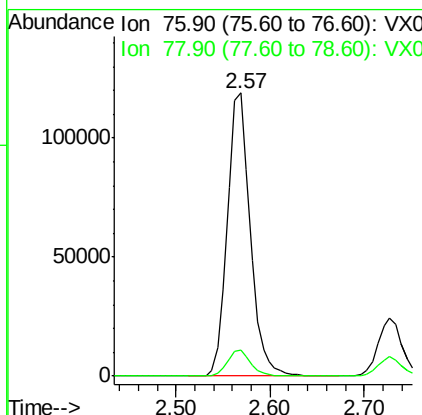
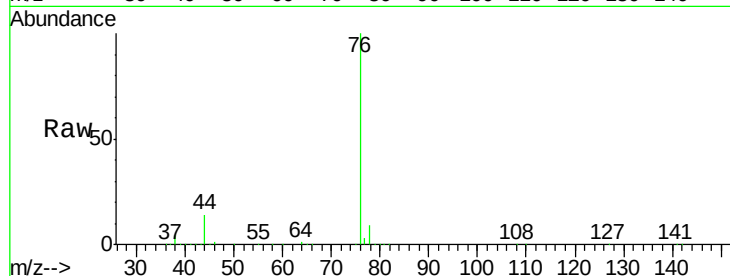
#17
Carbon Disulfide
Concen: 48.668 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampled :
ICVVX072418

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.0

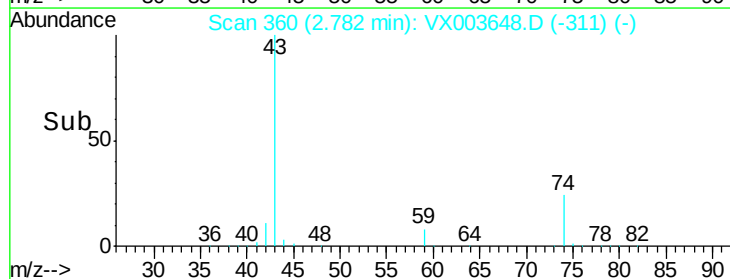
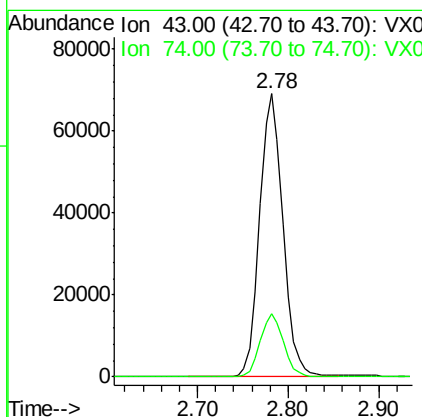
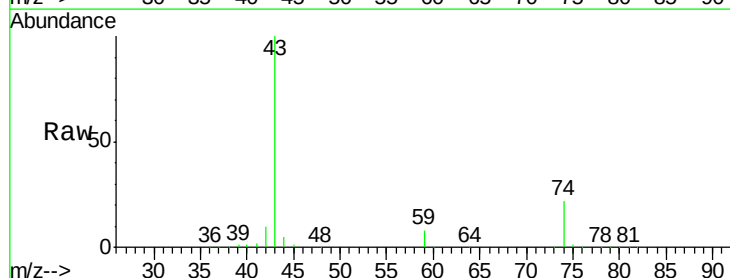
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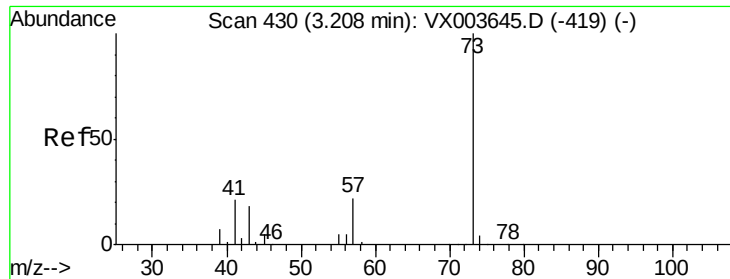
MMDadoda
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#18
Methyl Acetate
Concen: 47.088 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	17.8	26.8





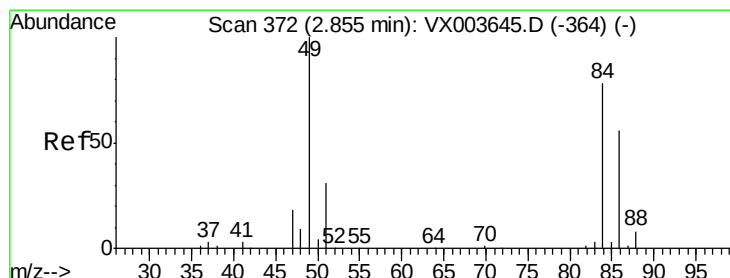
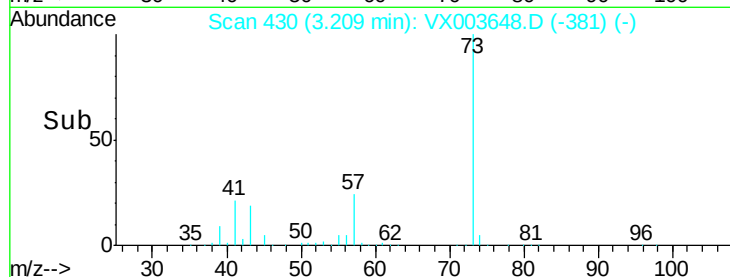
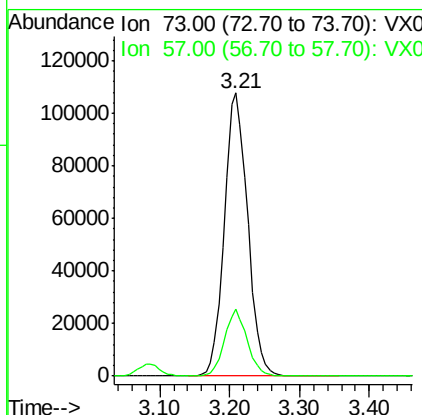
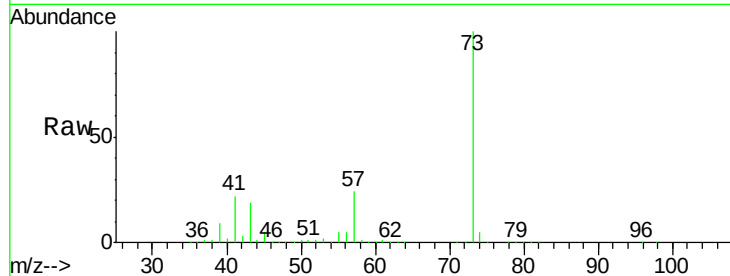
#19
Methyl tert-butyl Ether
Concen: 49.050 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072418

Tot Ion: 73 Resp: 249083
Ion Ratio Lower Upper
73 100
57 23.7 17.4 26.2

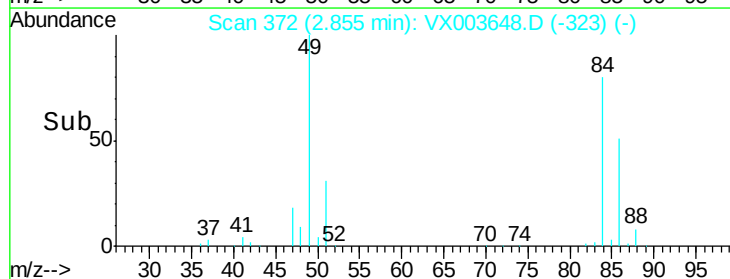
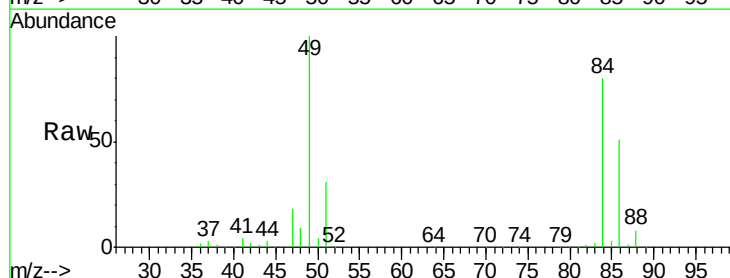
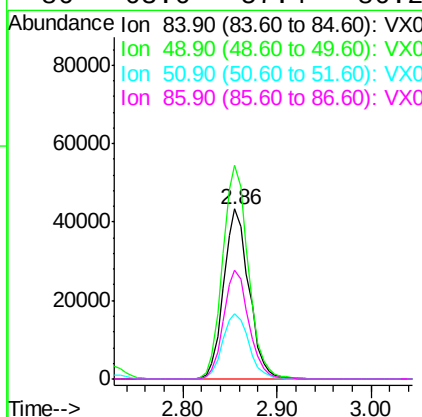
Manual Integrations
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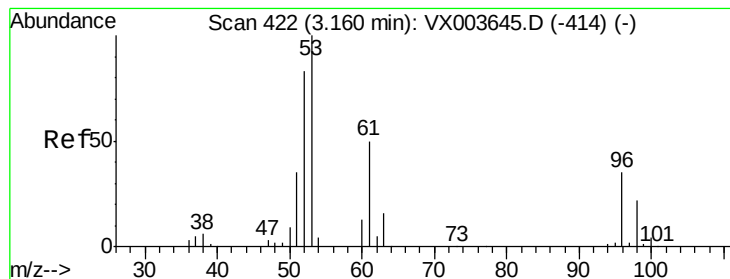
MMDadoda
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#20
Methylene Chloride
Concen: 47.272 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Tgt Ion: 84 Resp: 81031
Ion Ratio Lower Upper
84 100
49 125.6 102.3 153.5
51 38.6 31.8 47.8
86 63.6 57.4 86.2





#21

trans-1,2-Dichloroethene

Concen: 47.898 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

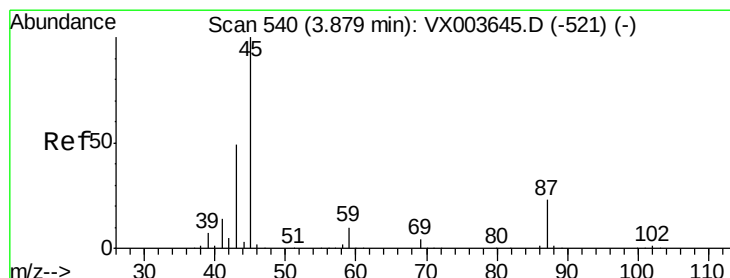
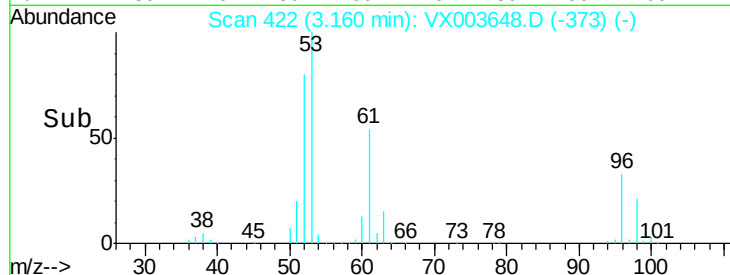
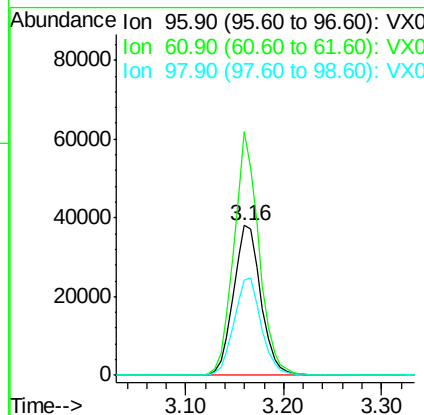
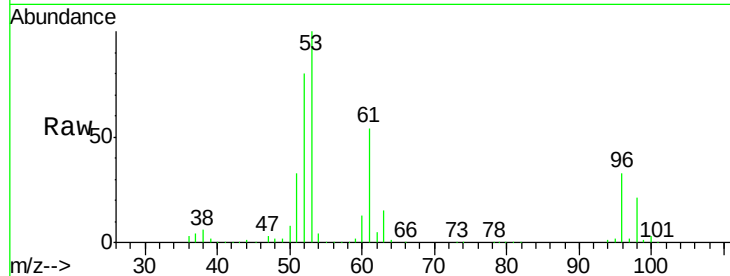
ClientSampleId :

ICVVX072418

Tot Ion:	96	Resp:	74057
Ion	Ratio	Lower	Upper
96	100		
61	162.6	115.0	172.4
98	63.6	49.7	74.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.693 ug/l

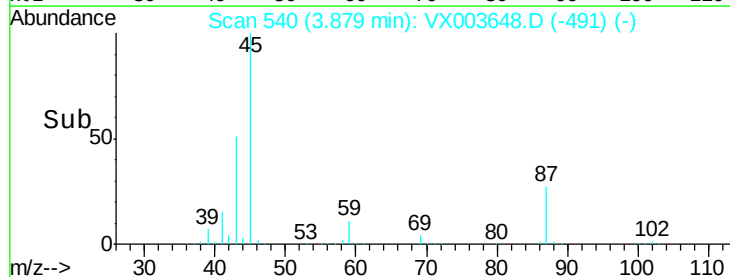
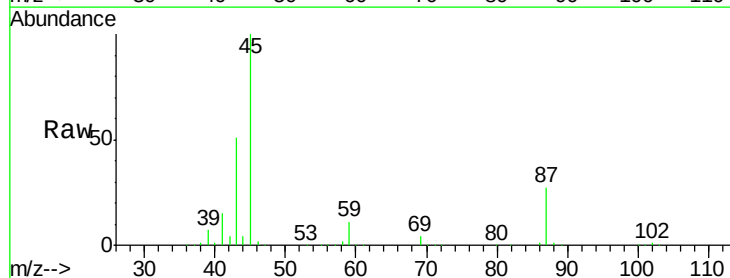
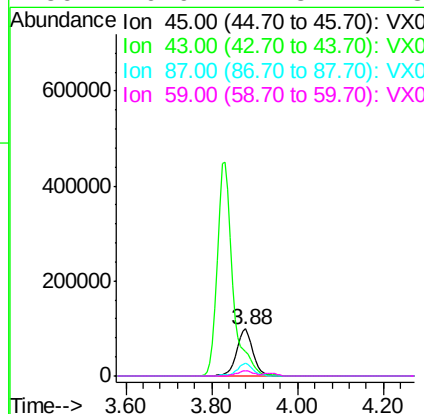
RT: 3.88 min Scan# 540

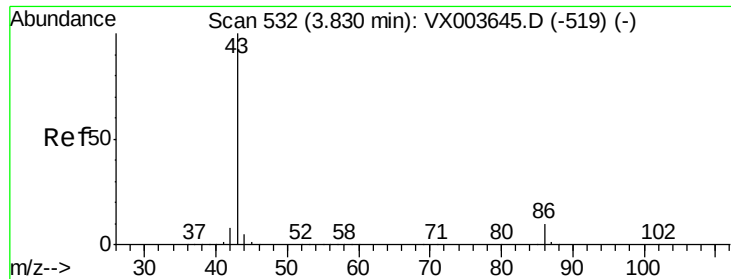
Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Tgt Ion:	45	Resp:	266479
Ion	Ratio	Lower	Upper
45	100		
43	51.2	39.0	58.4
87	26.5	18.4	27.6
59	10.9	7.8	11.8





#23

Vinyl Acetate

Concen: 245.839 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072418

Tot Ion: 43 Resp: 1152500

Ion Ratio Lower Upper

43 100

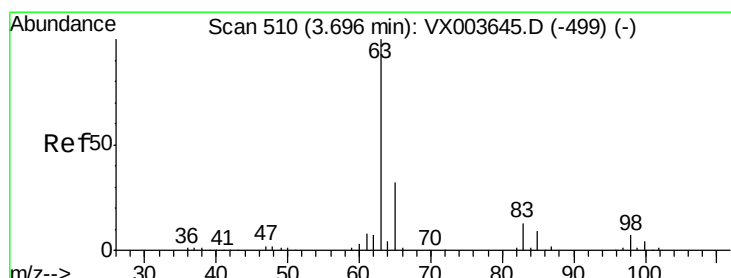
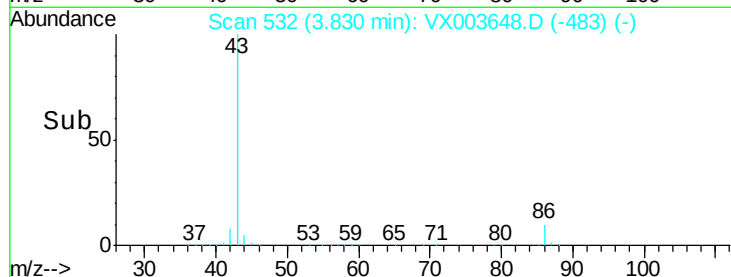
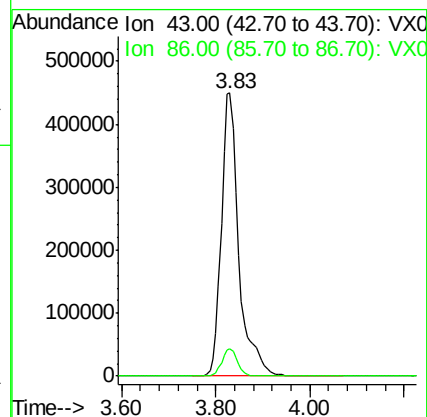
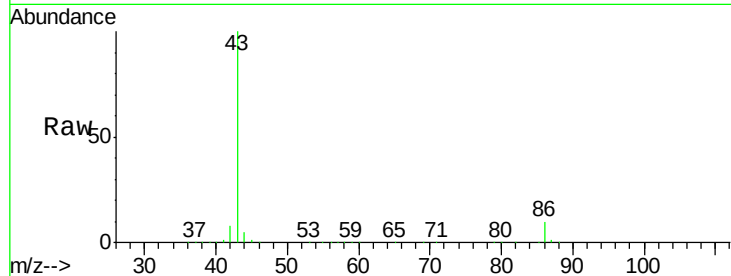
86 9.7 7.7 11.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 47.103 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

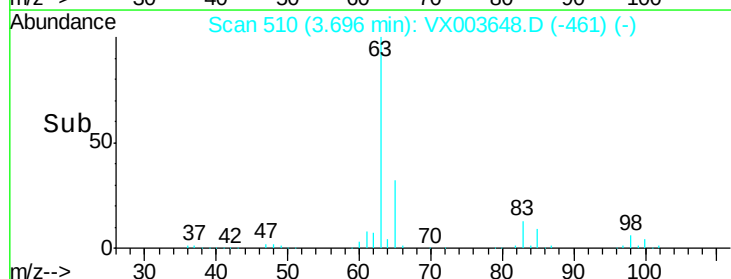
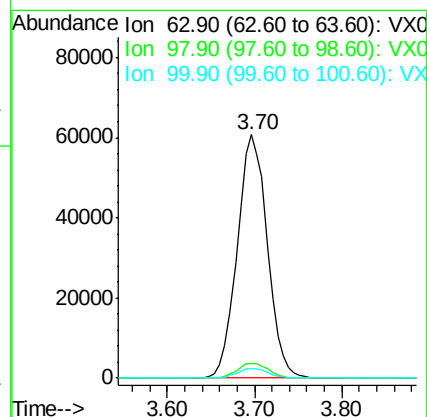
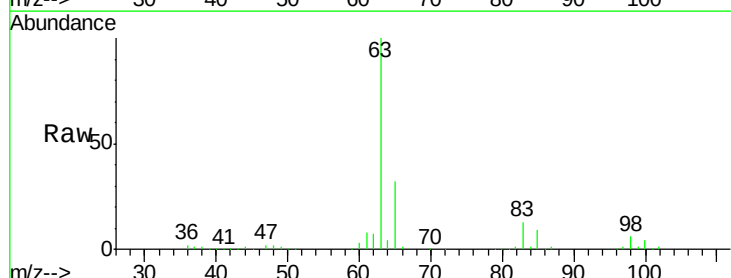
Tgt Ion: 63 Resp: 145288

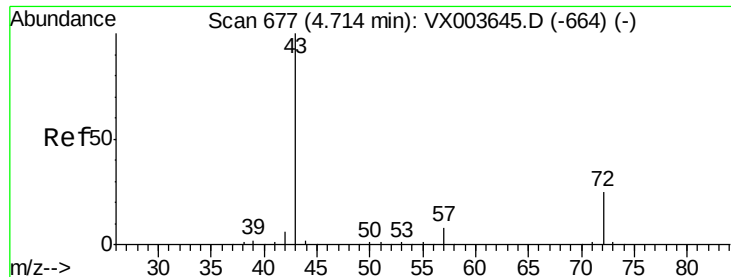
Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.8

100 4.0 2.1 6.3





#25

2-Butanone

Concen: 244.252 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072418

Tot Ion: 43 Resp: 326426

Ion Ratio Lower Upper

43 100

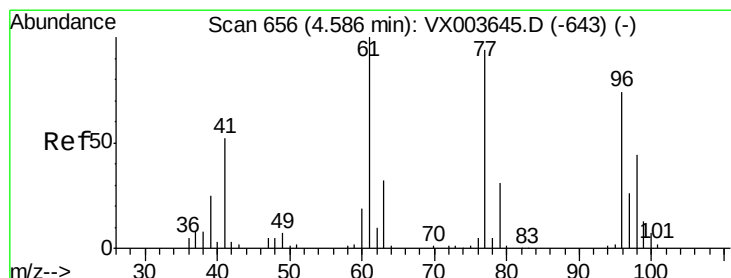
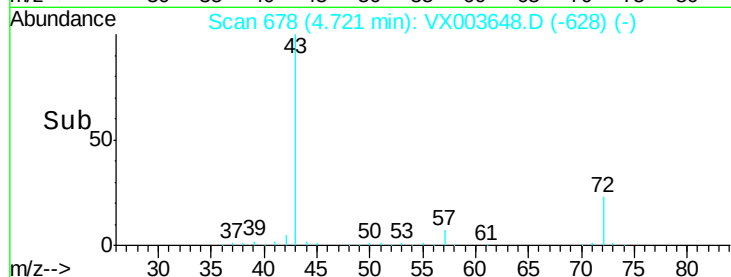
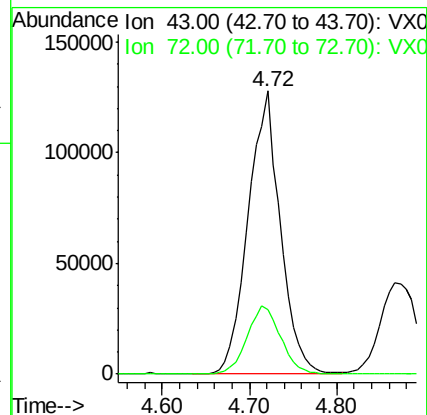
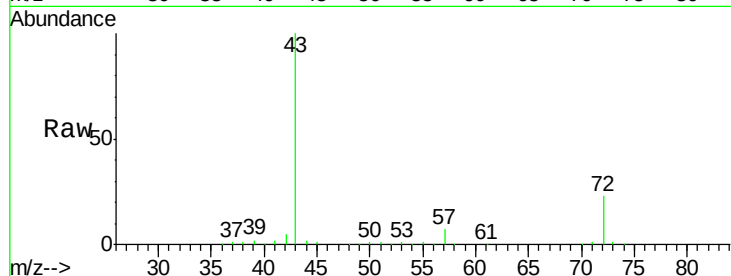
72 23.0 20.2 30.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 44.514 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003648.D

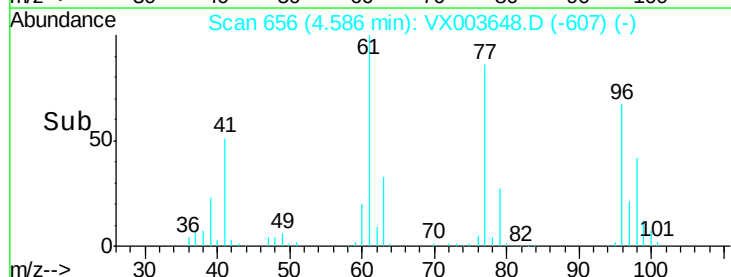
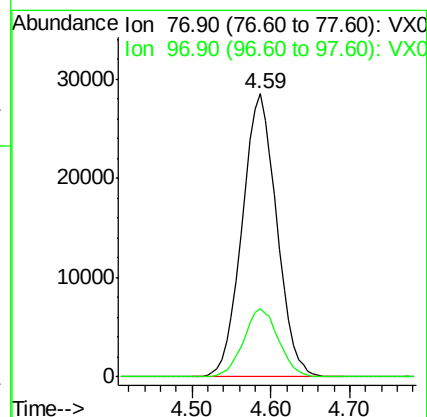
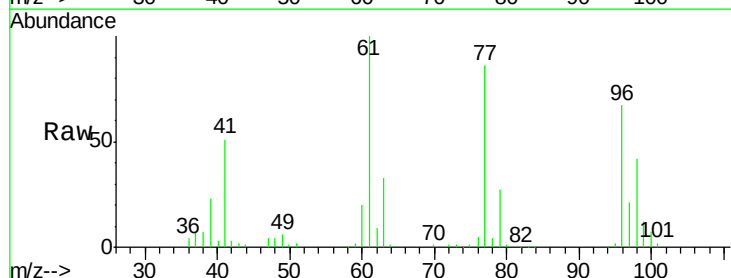
Acq: 24 Jul 2018 18:55

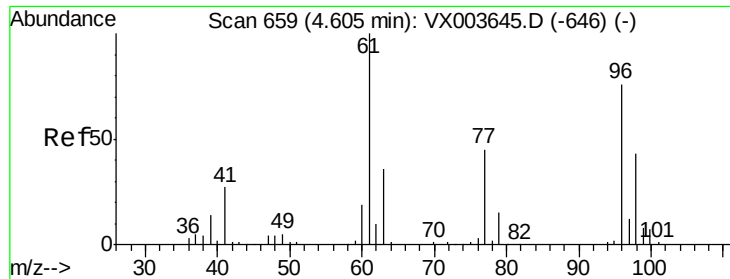
Tgt Ion: 77 Resp: 86812

Ion Ratio Lower Upper

77 100

97 24.5 12.0 36.0





#27

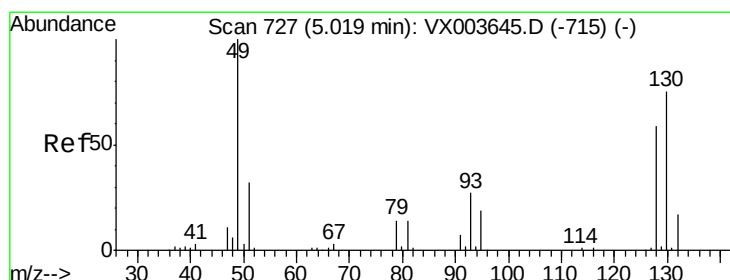
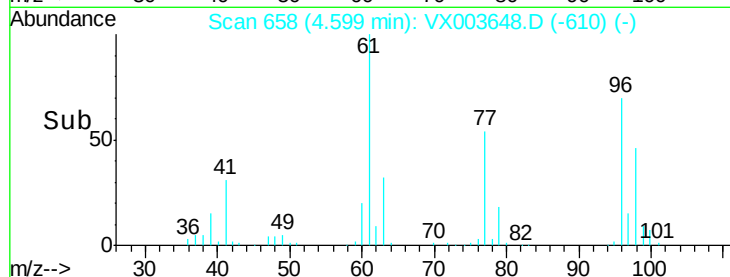
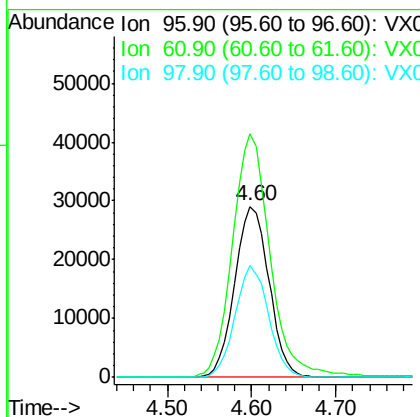
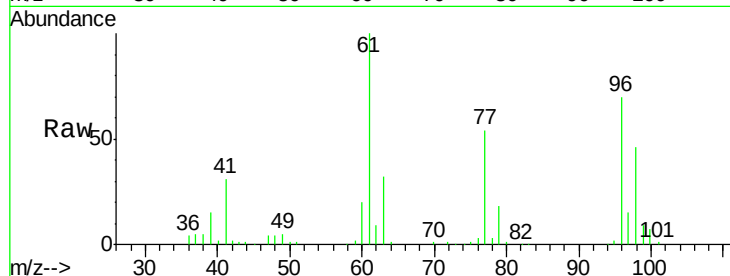
cis-1,2-Dichloroethene
Concen: 47.725 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072418

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.8	0.0	313.6
98	64.0	0.0	125.6

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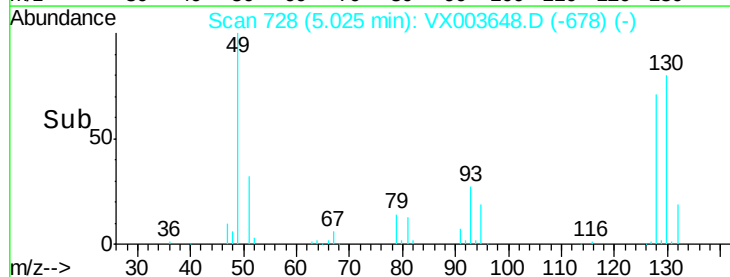
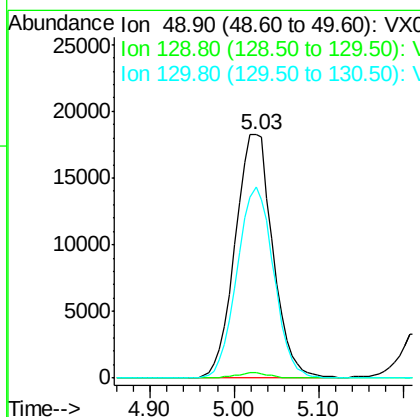
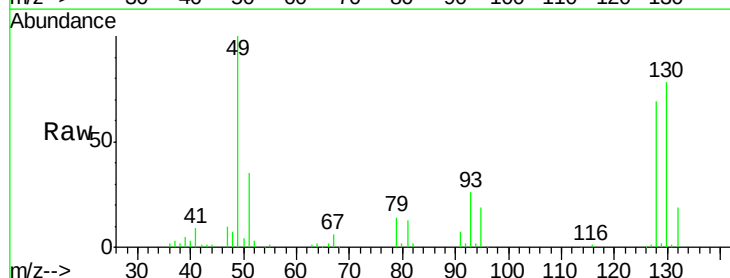
MMDadoda
8/2/2018 11:54:18 AM

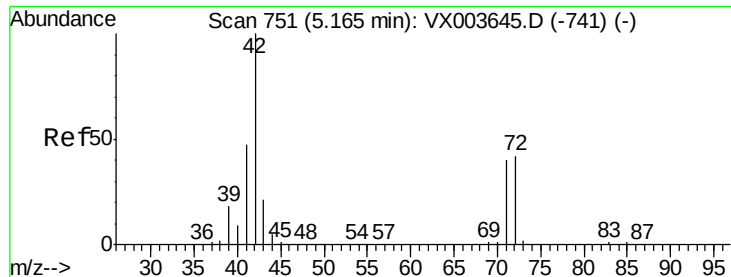


#28

Bromochloromethane
Concen: 44.615 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.01 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.2
130	76.5	61.0	91.6





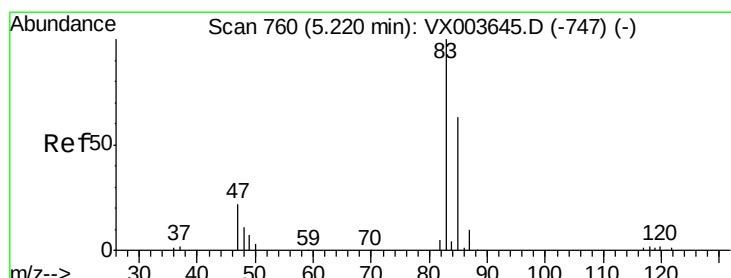
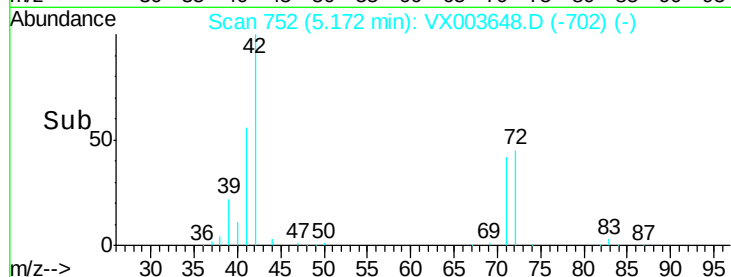
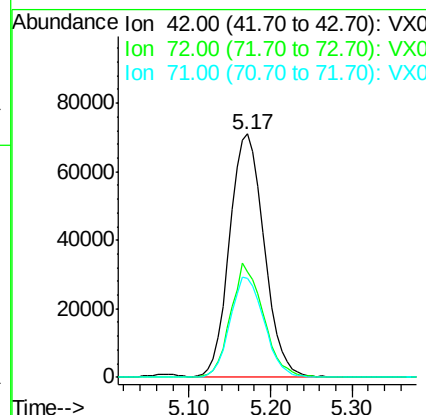
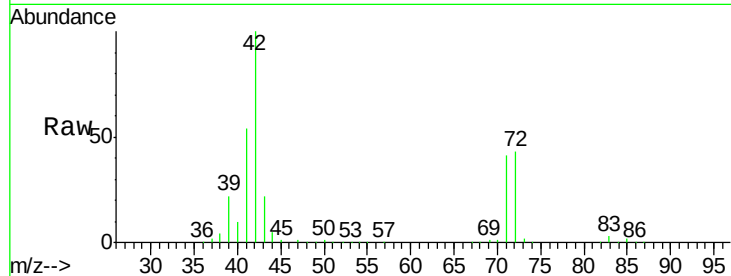
#29
Tetrahydrofuran
Concen: 238.947 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072418

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.3	33.4	50.0
71	40.7	31.0	46.6

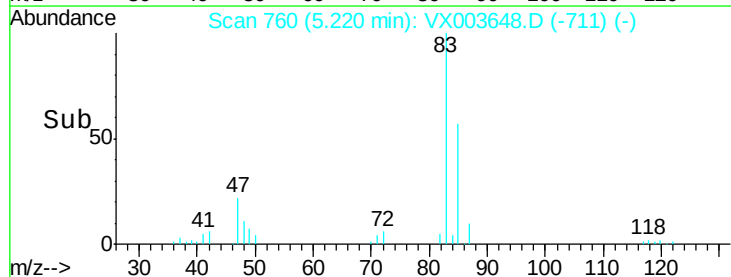
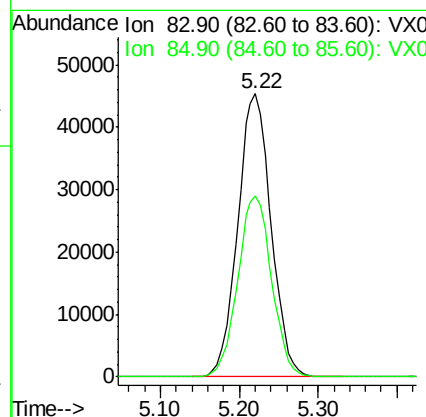
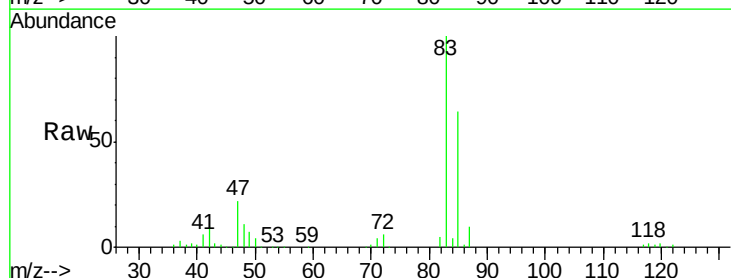
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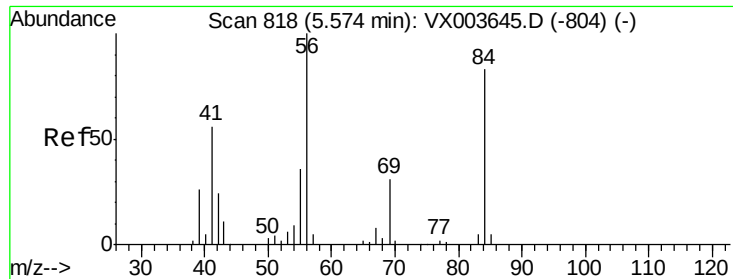
MMDadoda
8/2/2018 11:54:18 AM



#30
Chloroform
Concen: 47.502 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.2	75.4





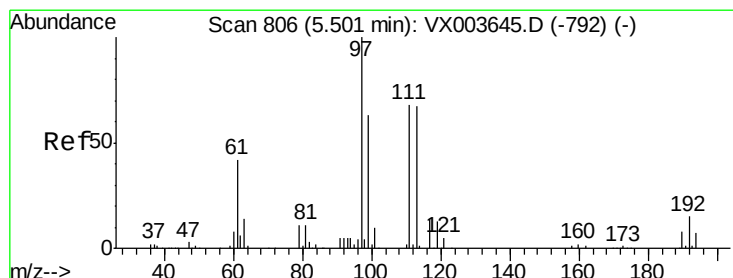
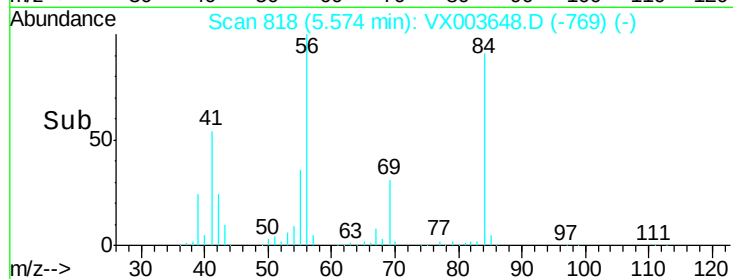
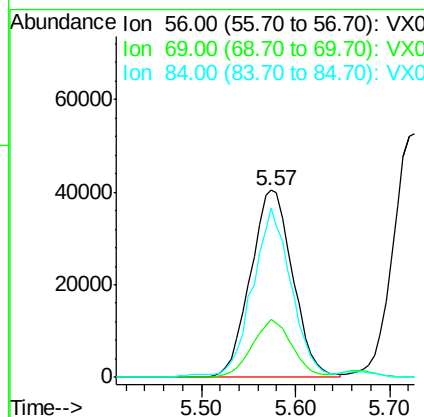
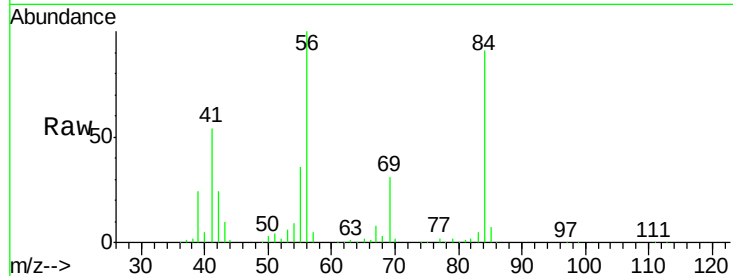
#31
Cyclohexane
Concen: 51.240 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072418

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	25.0	37.6
84	89.4	66.5	99.7

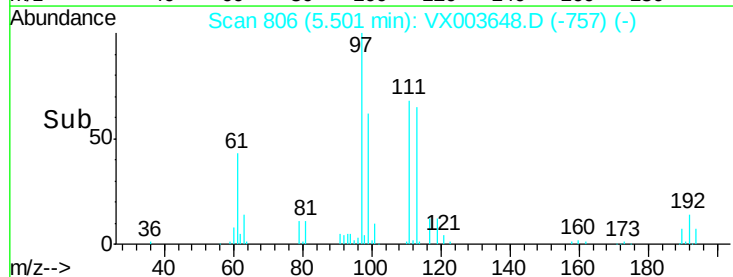
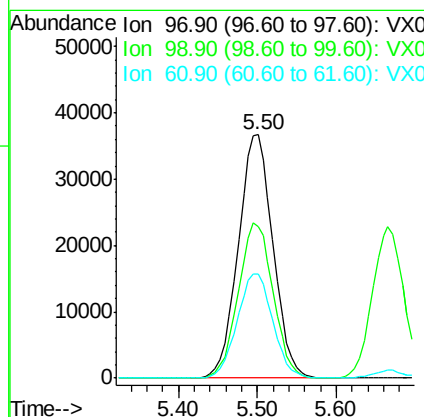
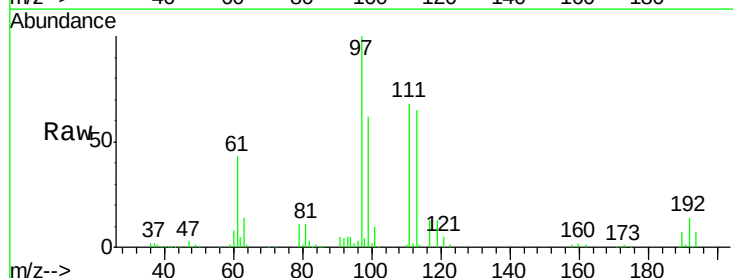
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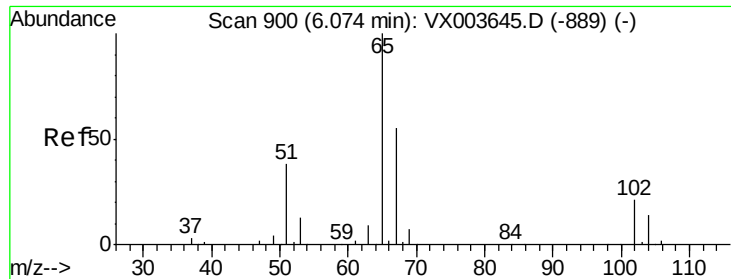
MMDadoda
8/2/2018 11:54:18 AM



#32
1,1,1-Trichloroethane
Concen: 48.278 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.4	75.6
61	43.9	34.5	51.7





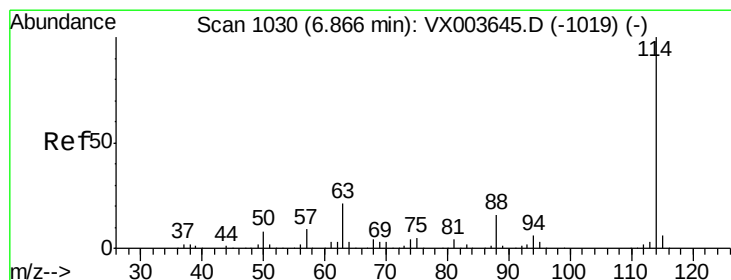
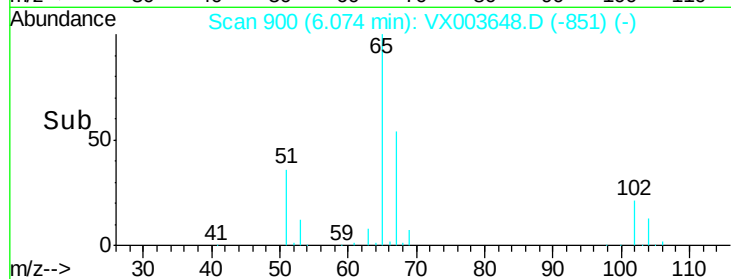
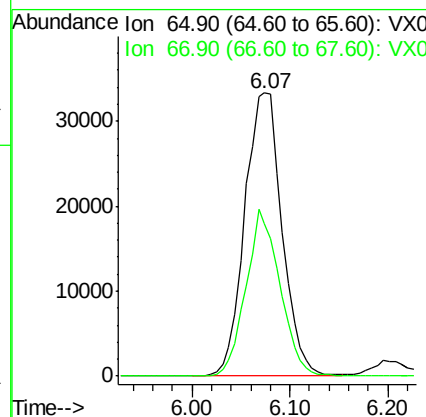
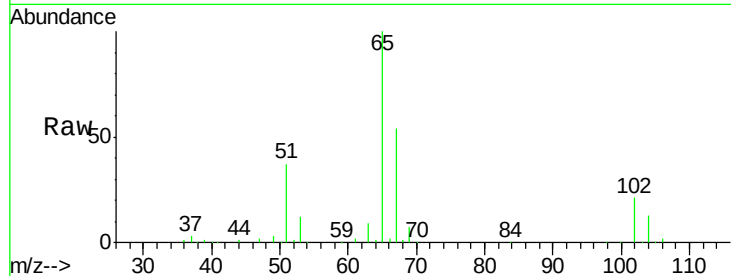
#33
 1,2-Dichloroethane-d4
 Concen: 47.819 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003648.D
 Acq: 24 Jul 2018 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072418

Tot Ion	Ratio	Resp	Lower	Upper
65	100	88055		
67	53.8		0.0	107.8

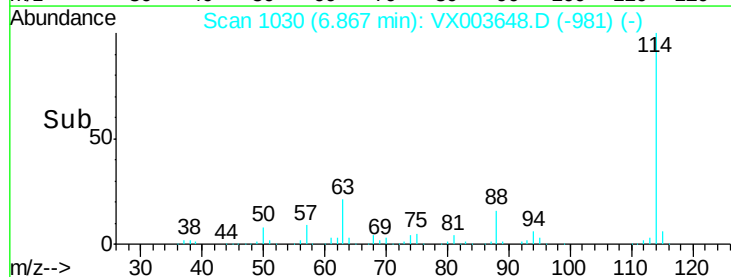
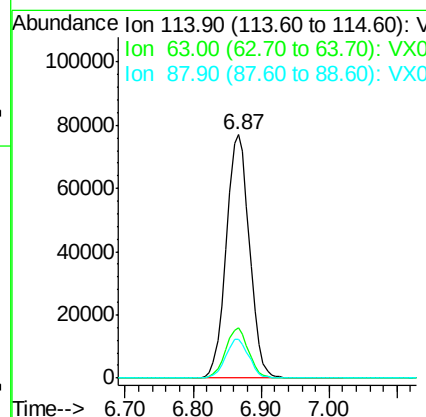
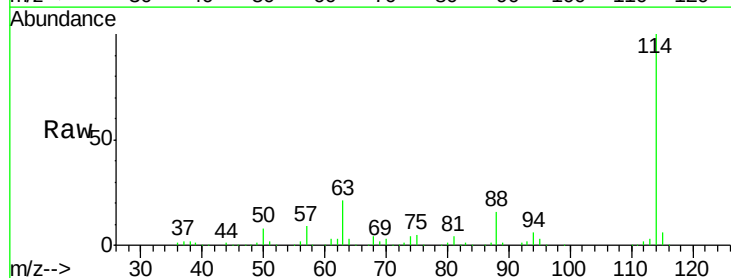
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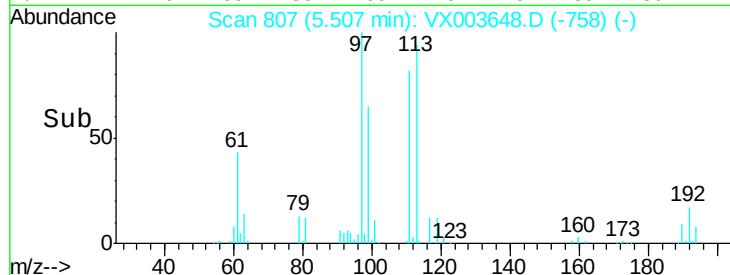
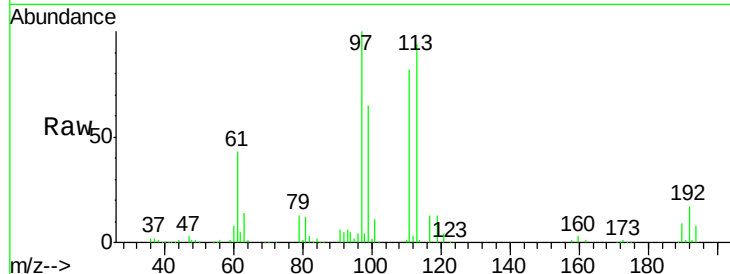
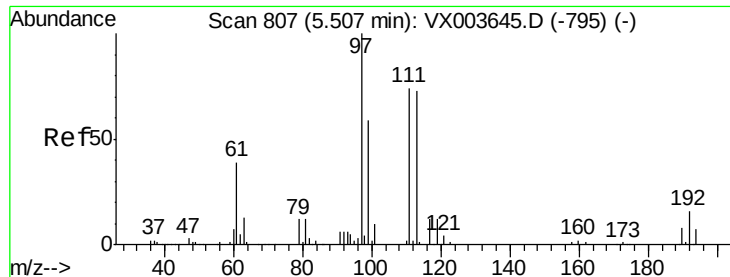
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 8/2/2018 11:54:18 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003648.D
 Acq: 24 Jul 2018 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	181291		
63	20.6		0.0	41.0
88	15.7		0.0	31.8





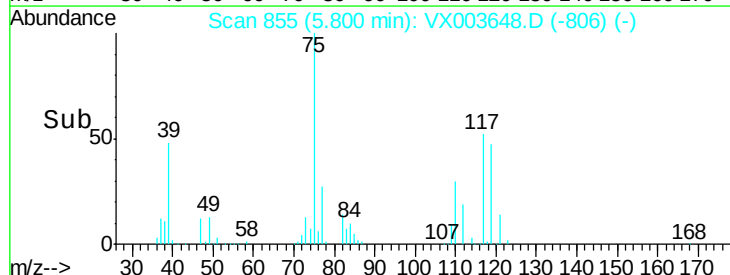
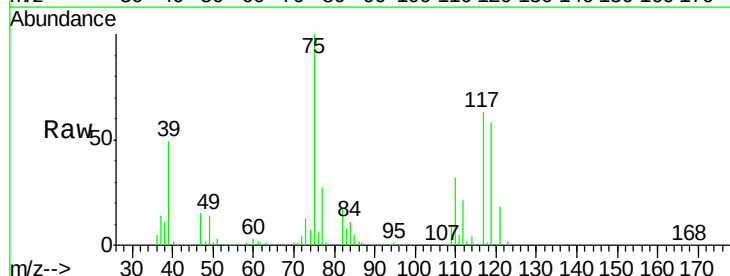
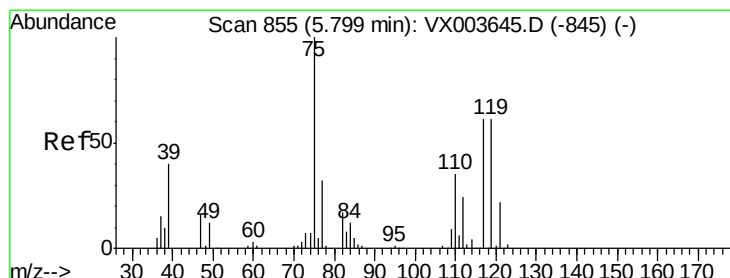
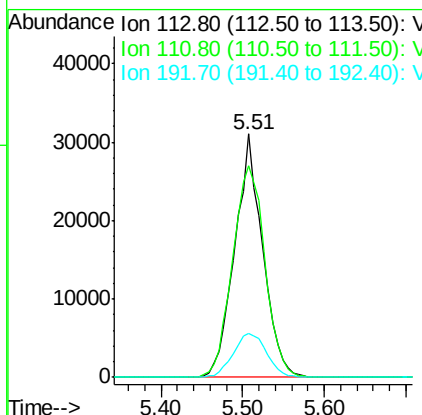
#35
Dibromofluoromethane
Concen: 49.423 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.2	121.8
192	21.7	18.2	27.4

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072418

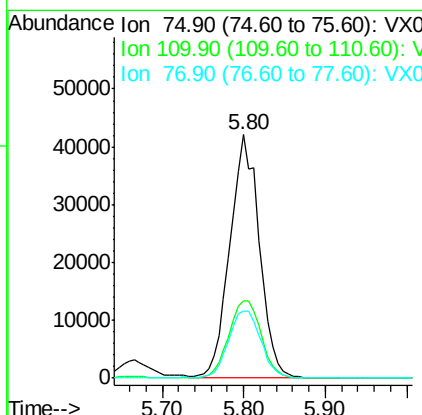
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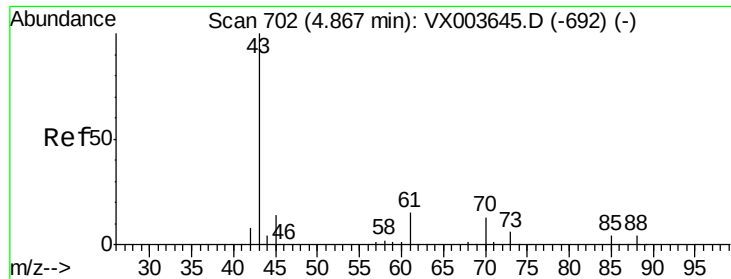
MMDadoda
8/2/2018 11:54:18 AM



#36
1,1-Dichloropropene
Concen: 49.586 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.8	18.1	54.1
77	30.4	25.1	37.7





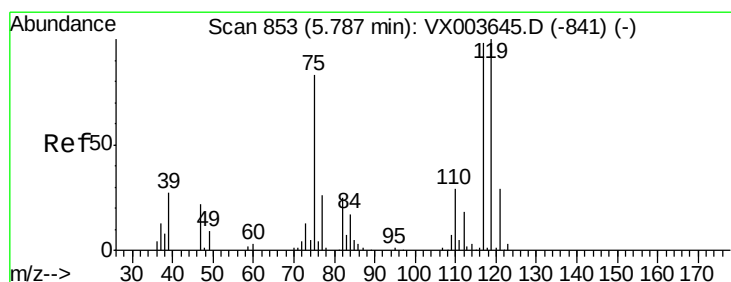
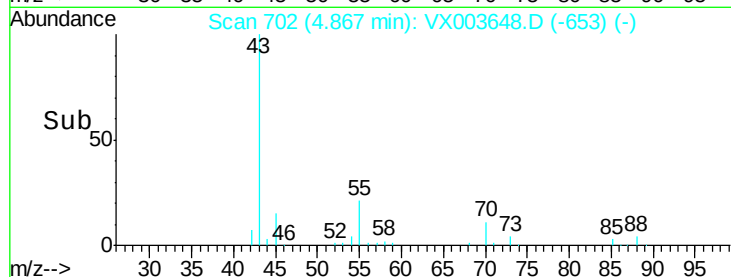
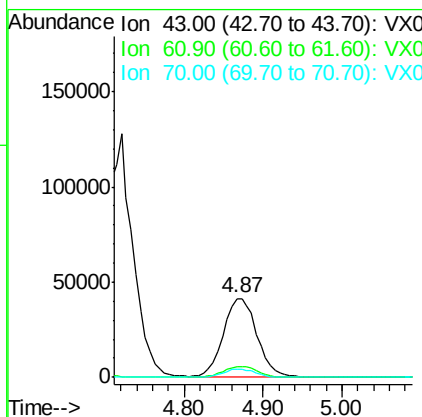
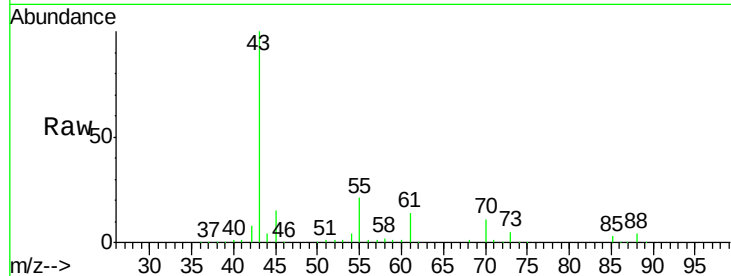
#37
Ethyl Acetate
Concen: 48.207 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072418

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.9	17.9
70	10.3	8.6	12.8

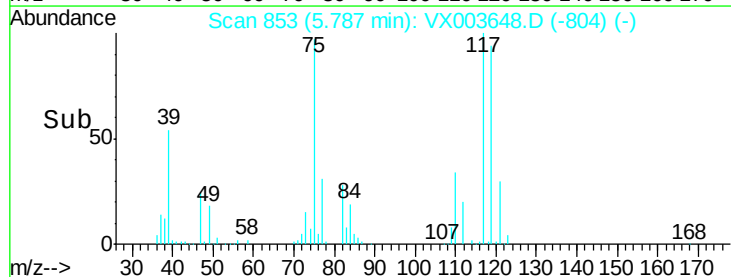
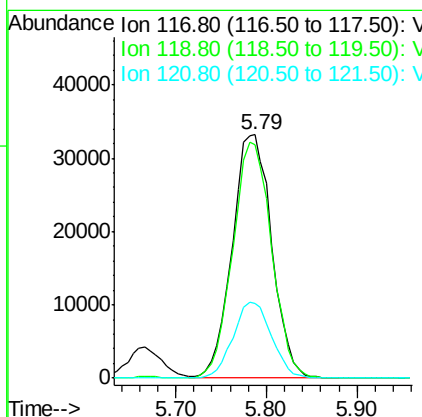
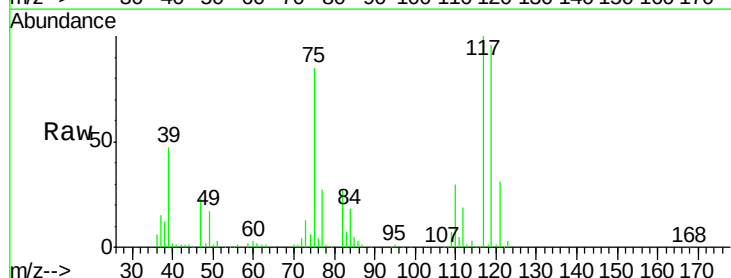
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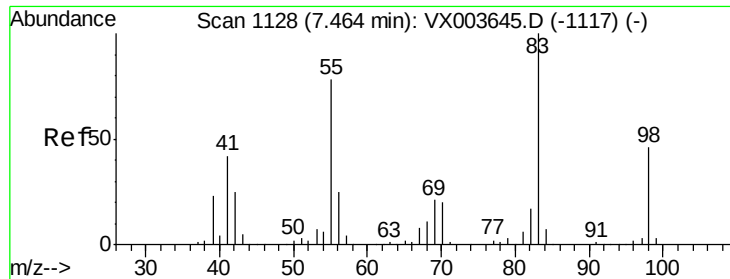
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#38
Carbon Tetrachloride
Concen: 49.123 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	81.0	121.4
121	30.7	23.7	35.5





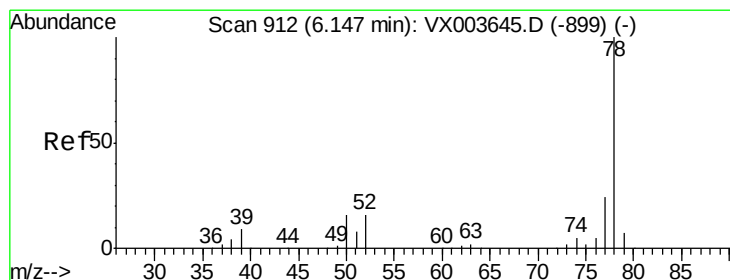
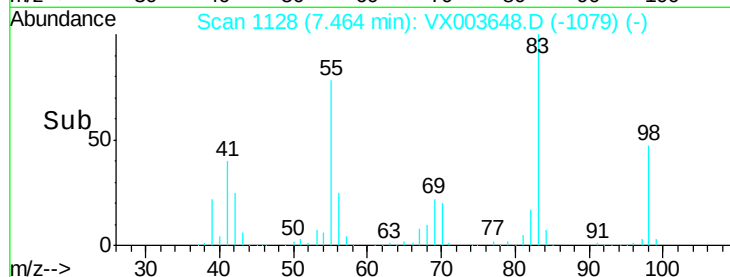
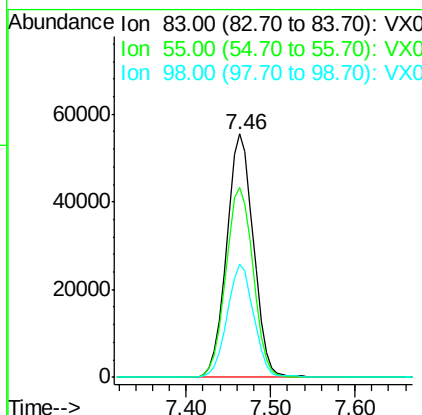
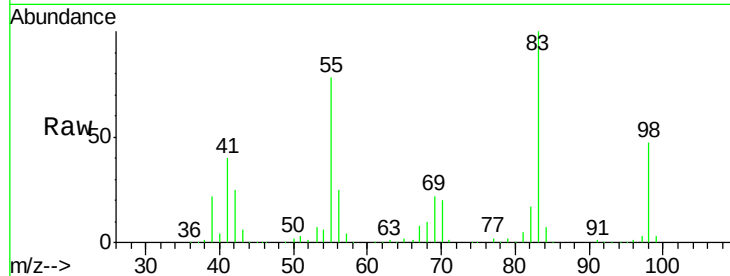
#39
Methylvlcyclohexane
Concen: 51.522 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072418

Tot Ion	83	Resp	120177
Ion	Ratio	Lower	Upper
83	100		
55	78.2	62.6	93.8
98	46.7	36.6	55.0

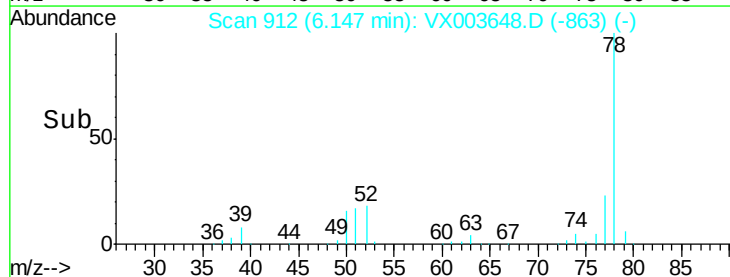
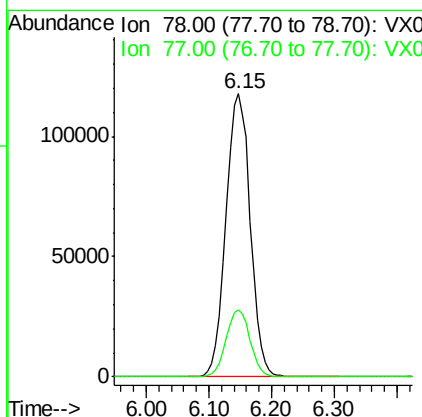
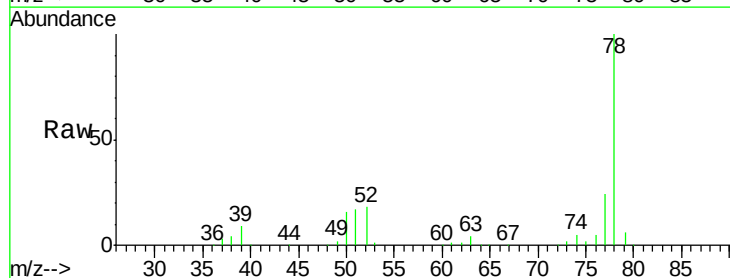
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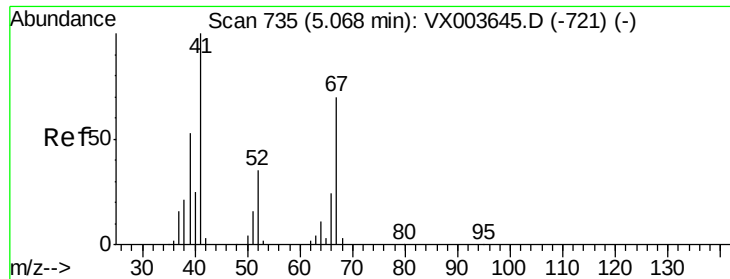
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#40
Benzene
Concen: 50.292 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Tgt Ion	78	Resp	315382
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.6





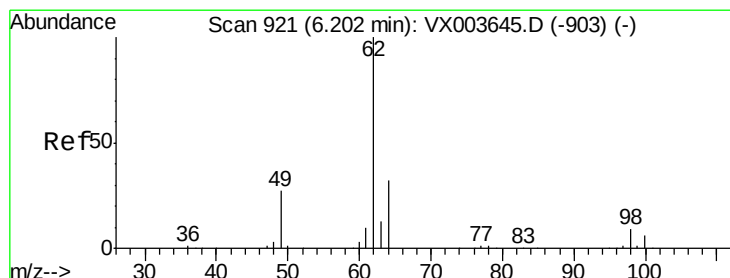
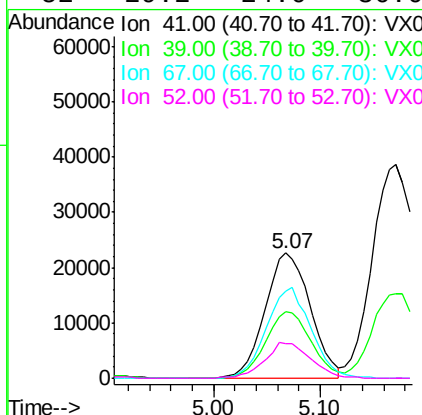
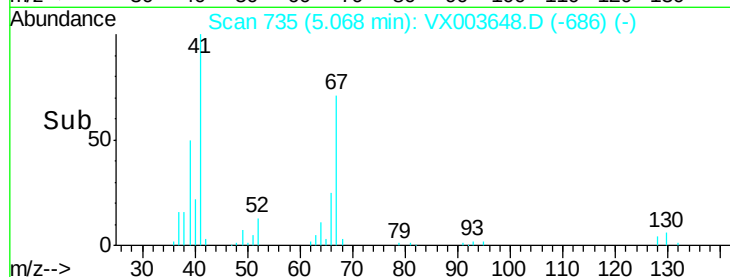
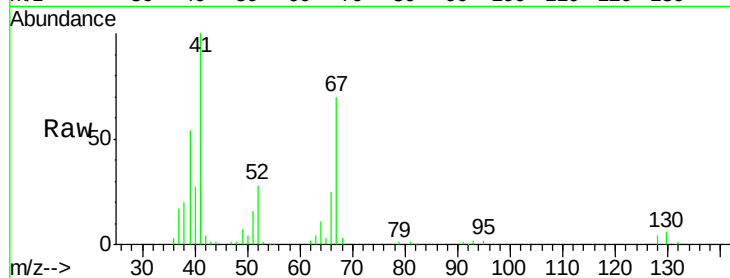
#41
Methacrylonitrile
Concen: 47.350 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072418

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.6	42.2	63.4	
67	71.5	56.6	84.8	
52	29.2	24.0	36.0	

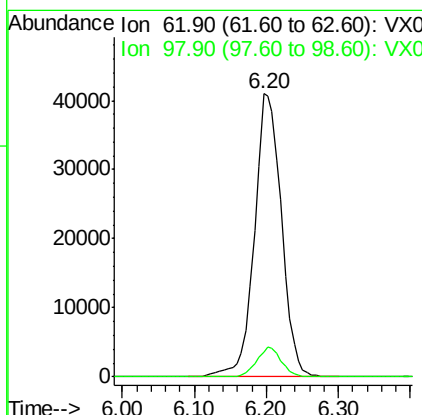
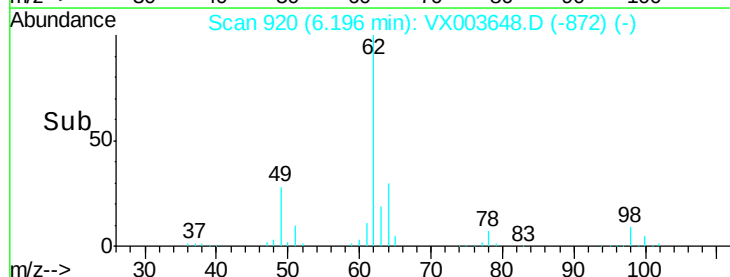
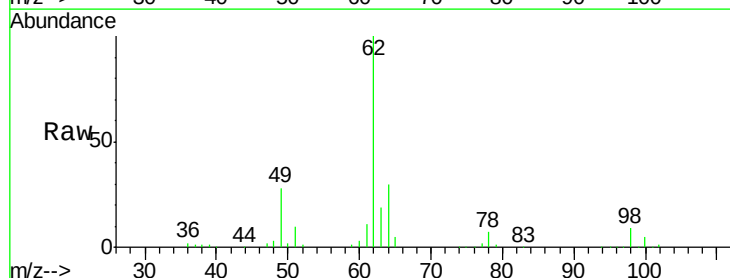
Manual Integrations
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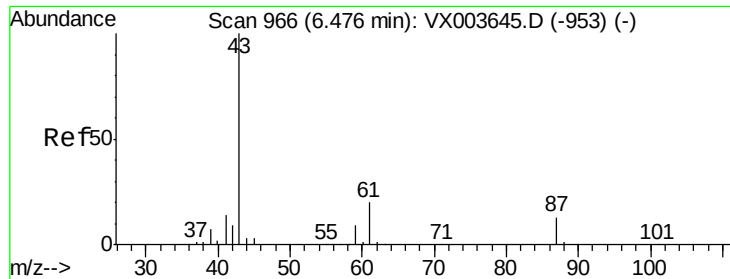
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#42
1,2-Dichloroethane
Concen: 48.337 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.6	0.0	18.4	





#43

Isopropyl Acetate

Concen: 50.585 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

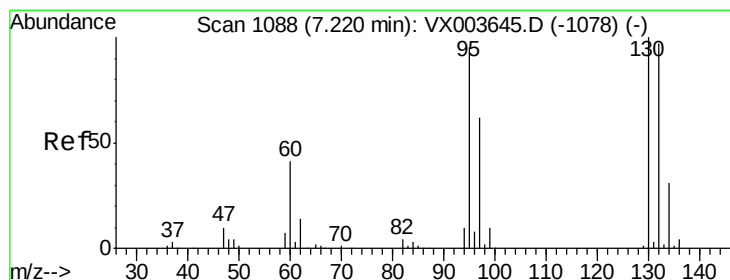
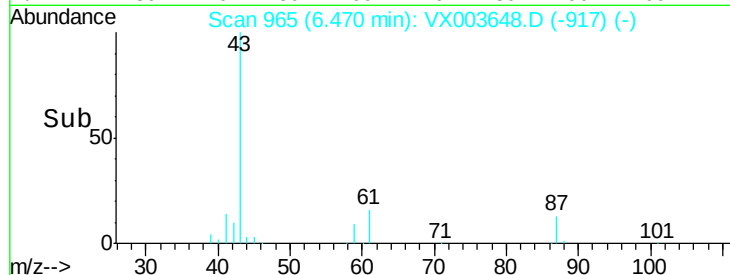
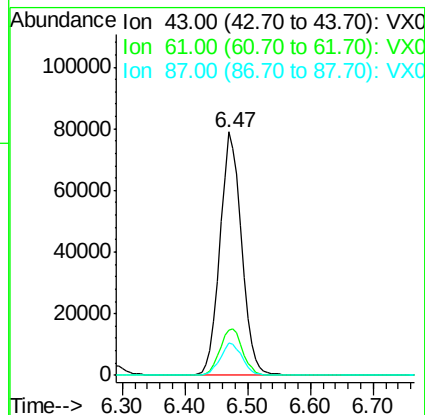
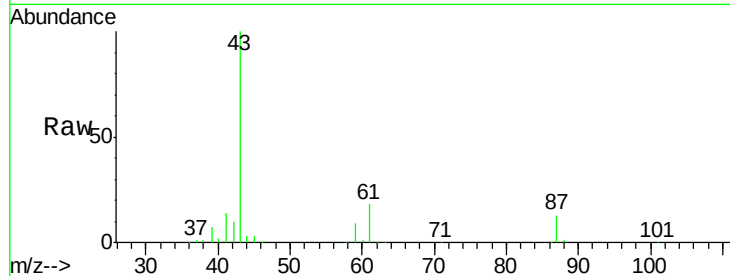
ClientSampleId :

ICVVX072418

Tot Ion:	43	Resp:	188035
Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.9	23.9
87	13.3	10.1	15.1

Manual Integrations
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8/2/2018 11:54:18 AM



#44

Trichloroethene

Concen: 49.150 ug/l

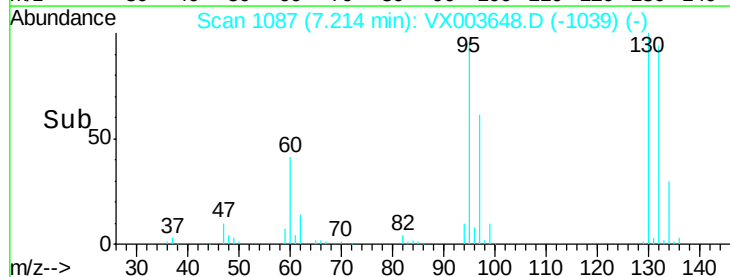
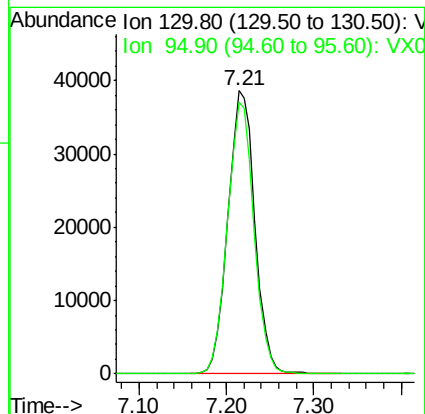
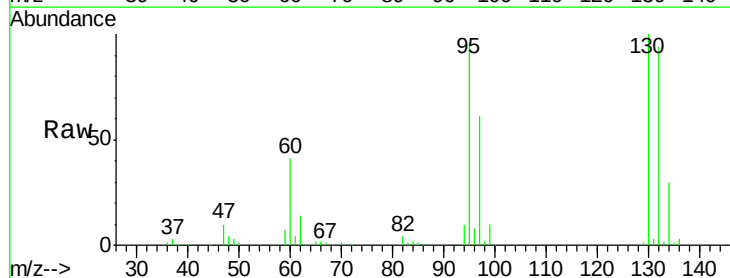
RT: 7.21 min Scan# 1087

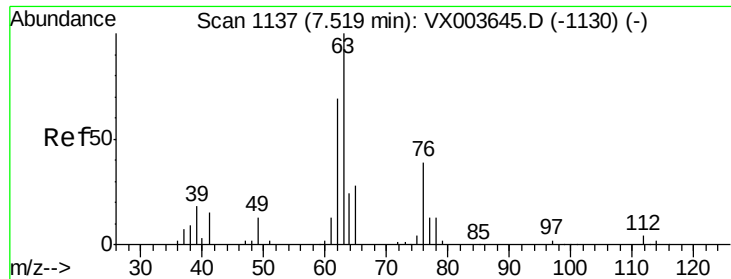
Delta R.T. -0.01 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Tgt Ion:	130	Resp:	82637
Ion	Ratio	Lower	Upper
130	100		
95	95.9	0.0	190.0





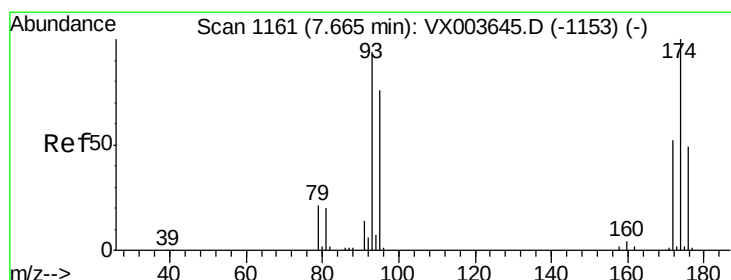
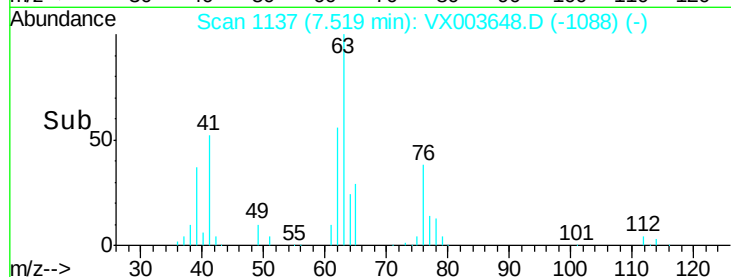
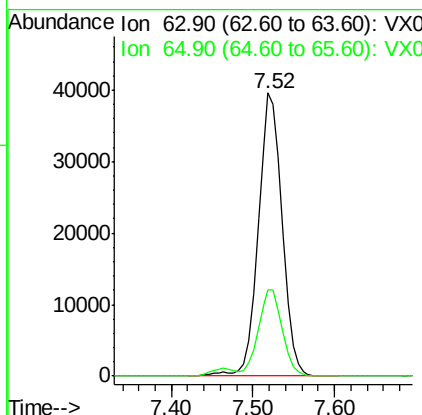
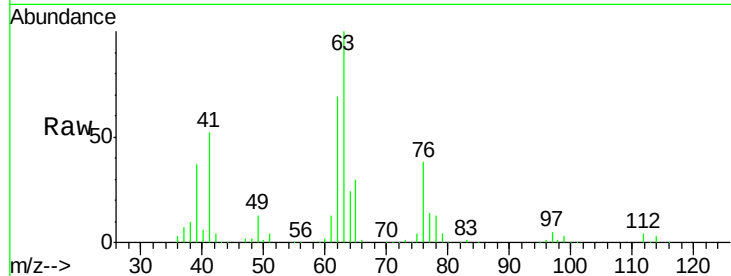
#45
 1,2-Dichloropropane
 Concen: 50.033 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003648.D
 Acq: 24 Jul 2018 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072418

Tot Ion: 63 Resp: 81103
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.0 36.0

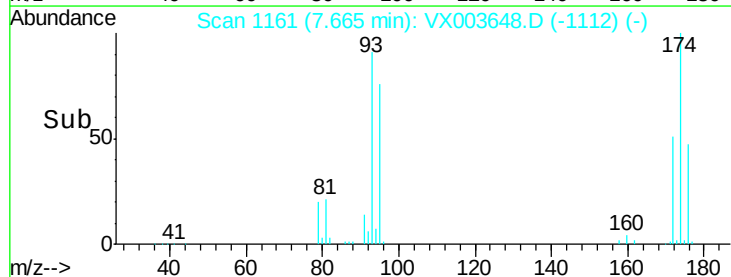
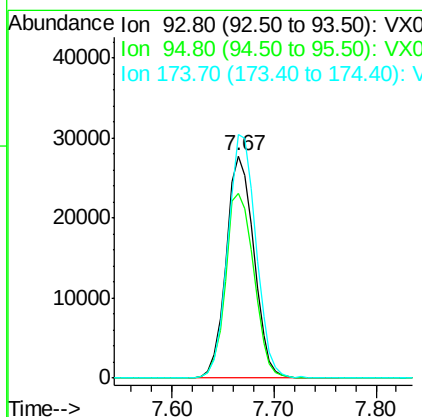
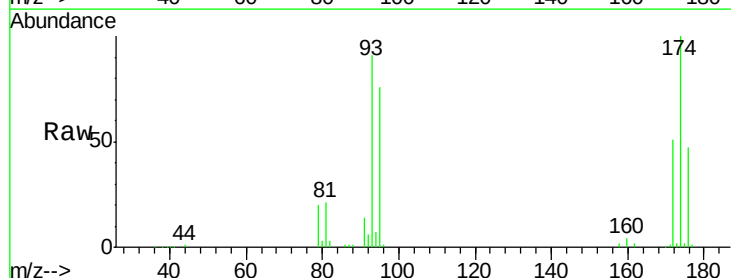
Manual Integrations
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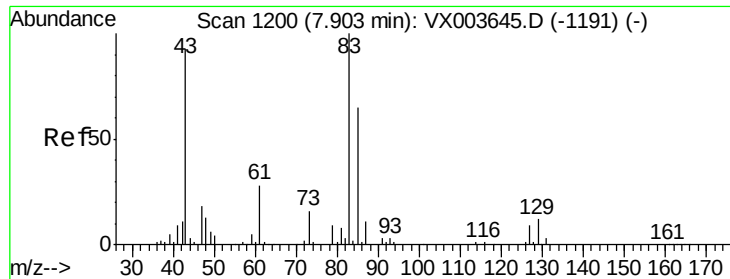
MMDadoda
 8/2/2018 11:54:18 AM



#46
 Dibromomethane
 Concen: 50.103 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003648.D
 Acq: 24 Jul 2018 18:55

Tgt Ion: 93 Resp: 52174
 Ion Ratio Lower Upper
 93 100
 95 84.6 67.0 100.6
 174 110.9 89.6 134.4





#47

Bromodichloromethane

Concen: 49.701 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

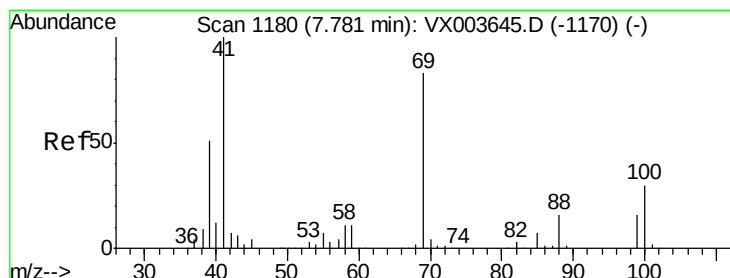
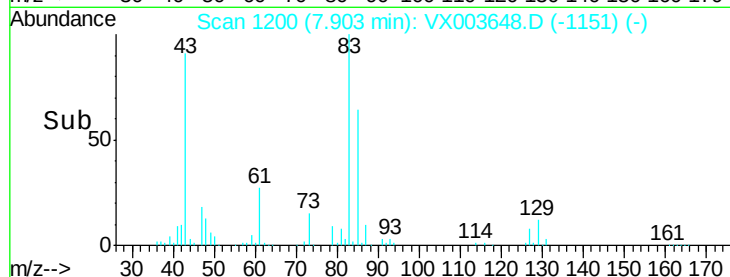
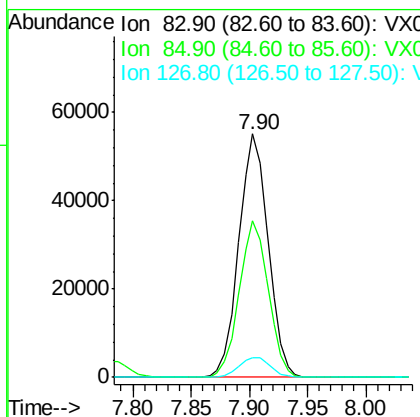
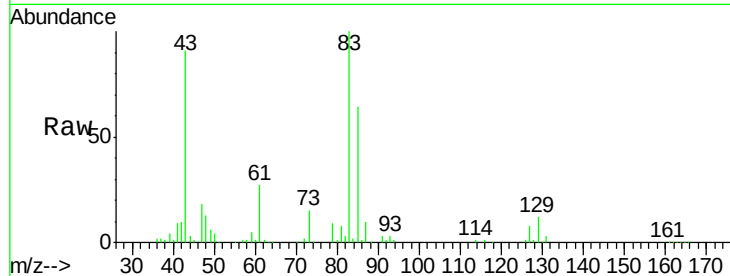
ClientSampleId :

ICVVX072418

Tot Ion:	83	Resp:	97036
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.8	77.6
127	8.3	7.0	10.6

Manual Integrations
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MMDadoda
8/2/2018 11:54:18 AM



#48

Methyl methacrylate

Concen: 51.370 ug/l

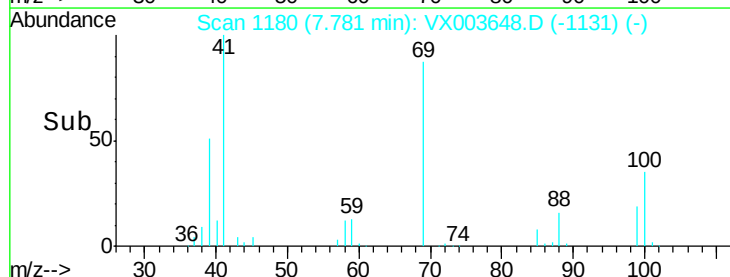
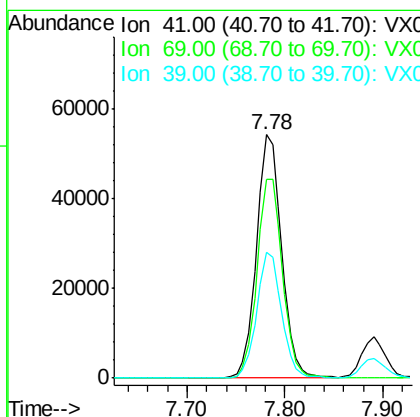
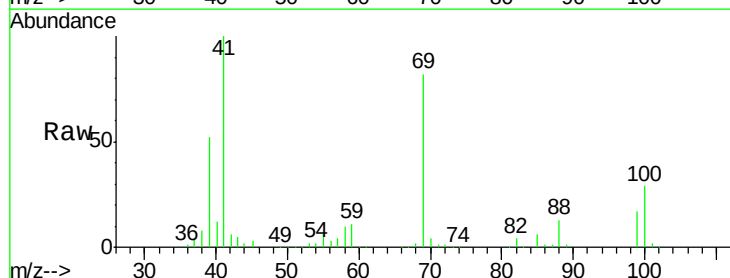
RT: 7.78 min Scan# 1180

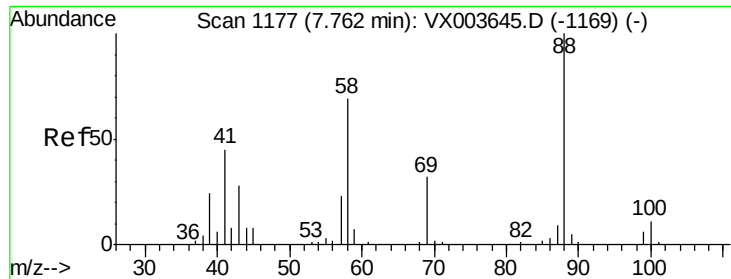
Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Tgt Ion:	41	Resp:	96900
Ion	Ratio	Lower	Upper
41	100		
69	83.3	66.9	100.3
39	51.2	41.2	61.8





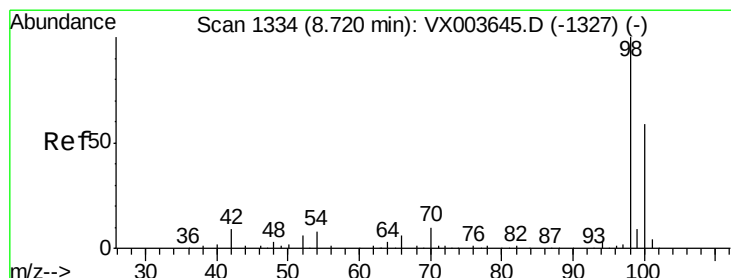
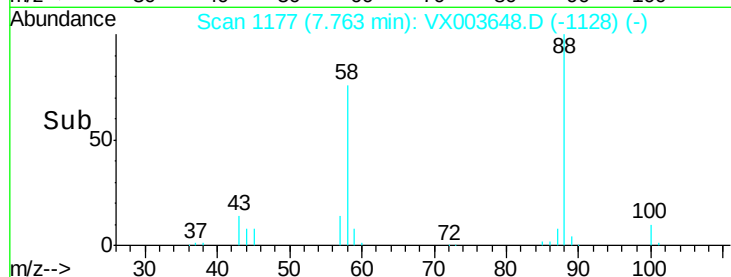
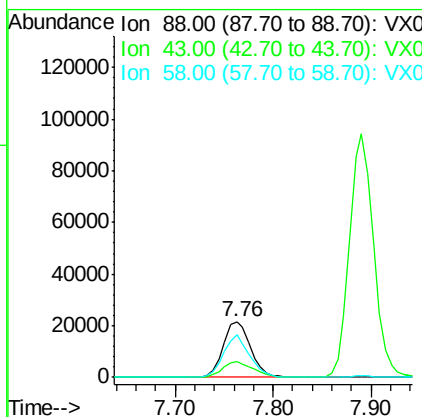
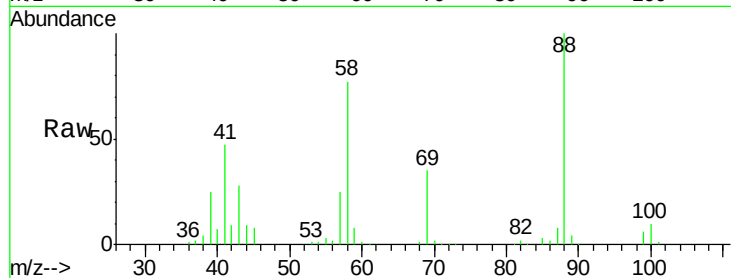
#49
1,4-Dioxane
Concen: 999.957 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072418

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.0	25.8	38.6
58	72.4	58.3	87.5

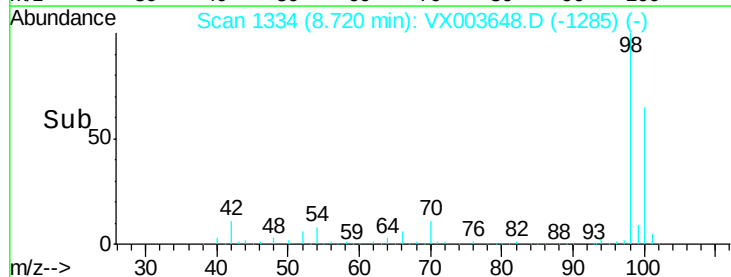
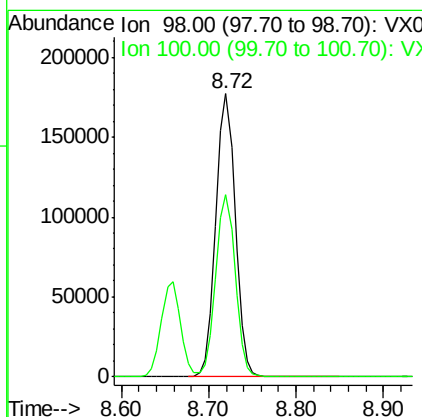
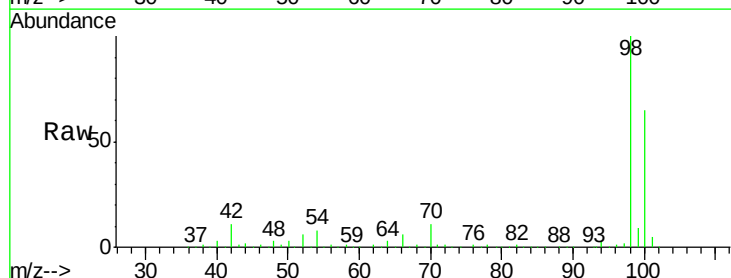
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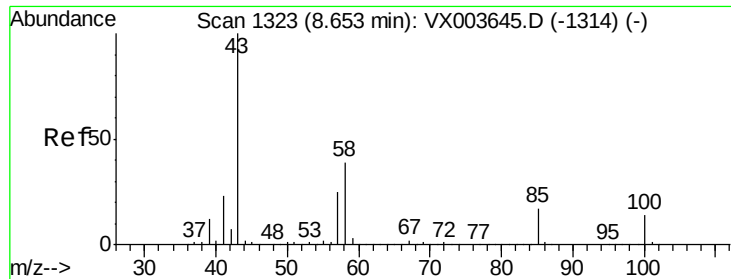
MMDadoda
8/2/2018 11:54:18 AM



#50
Toluene-d8
Concen: 48.525 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.9	76.3





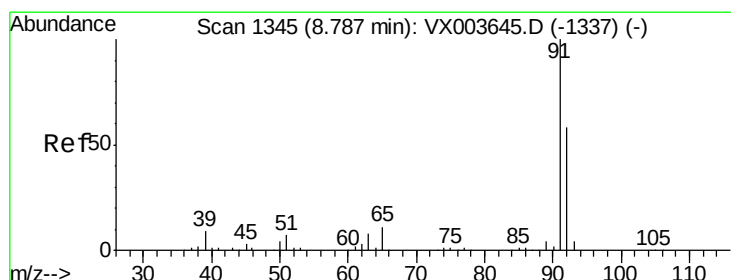
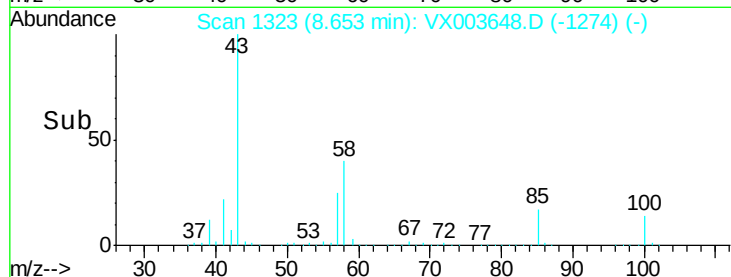
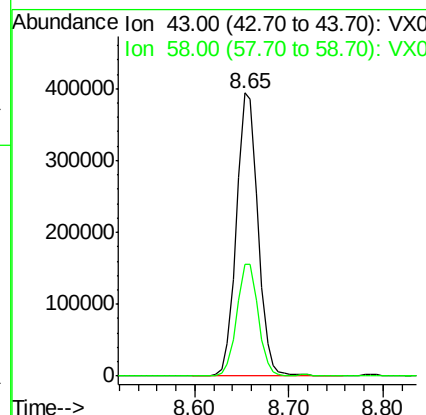
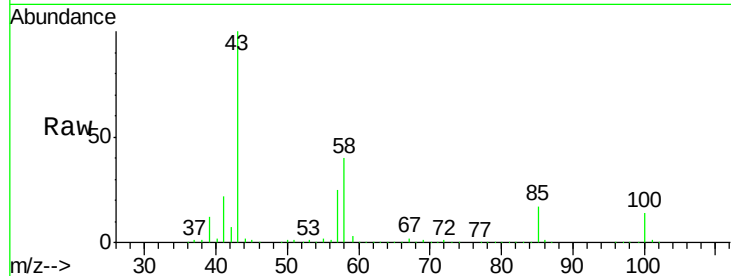
#51
4-Methyl-2-Pentanone
Concen: 249.053 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampled :
ICVVX072418

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.5	31.5	47.3

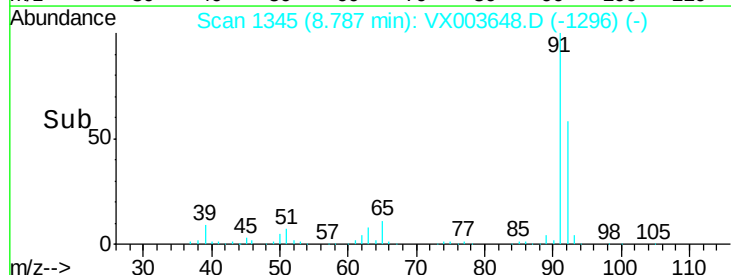
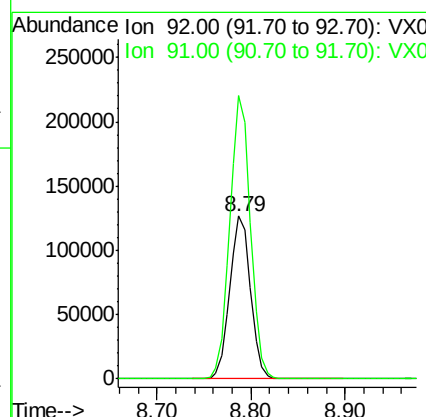
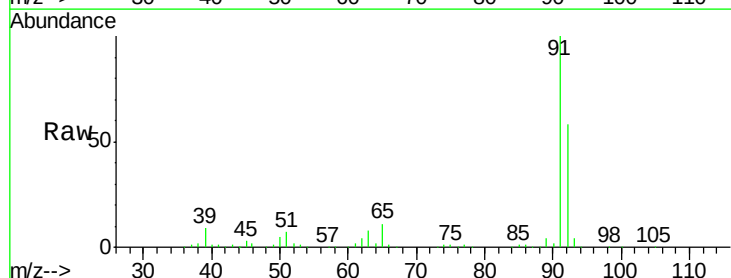
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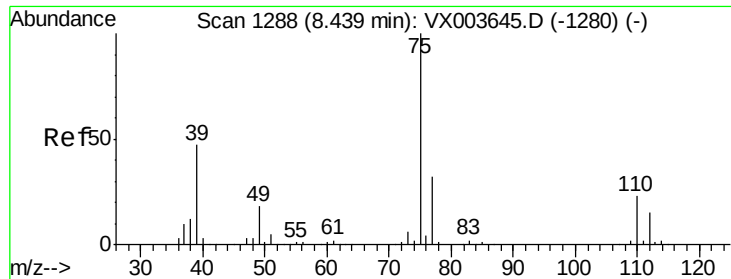
MMDadoda
8/2/2018 11:54:18 AM



#52
Toluene
Concen: 49.770 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.6	139.0	208.6





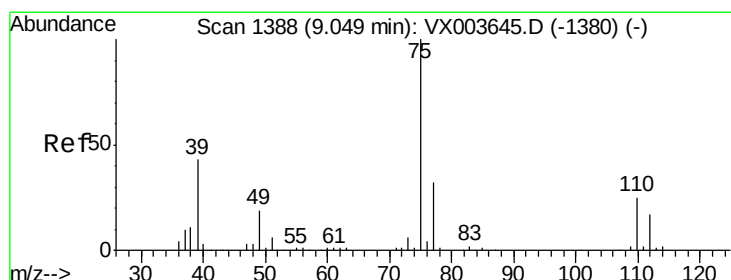
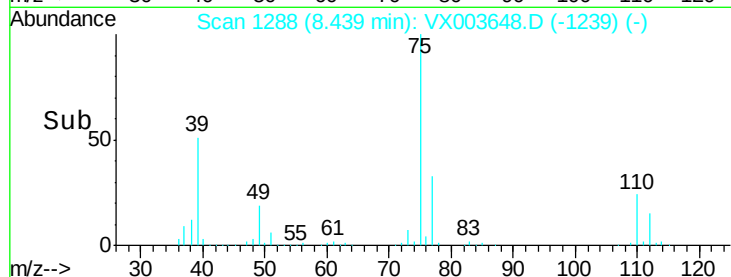
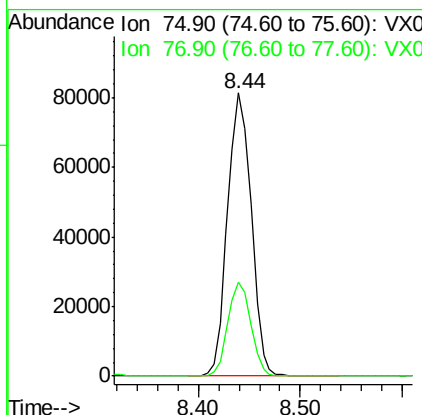
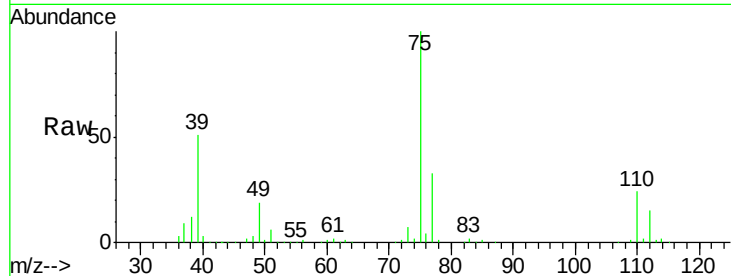
#53
t-1,3-Dichloropropene
Concen: 55.060 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072418

Tot Ion: 75 Resp: 130973
Ion Ratio Lower Upper
75 100
77 33.0 25.2 37.8

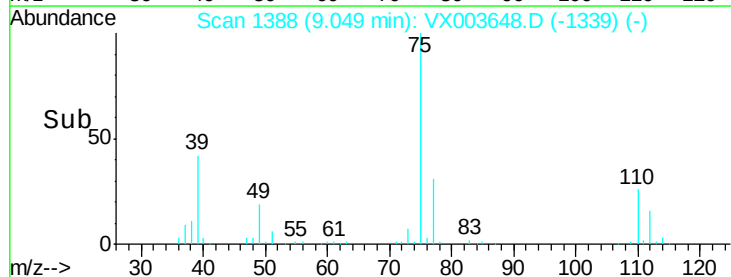
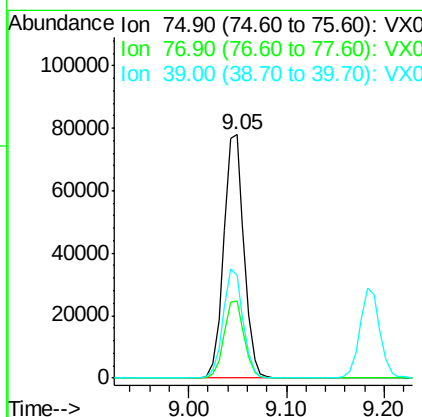
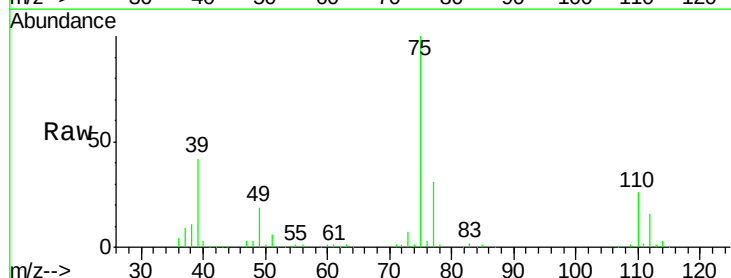
Manual Integrations
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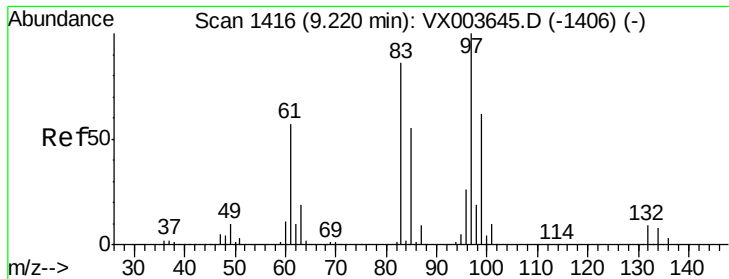
MMDadoda
8/2/2018 11:54:18 AM



#54
cis-1,3-Dichloropropene
Concen: 51.554 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Tgt Ion: 75 Resp: 111443
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.6
39 41.9 34.2 51.4





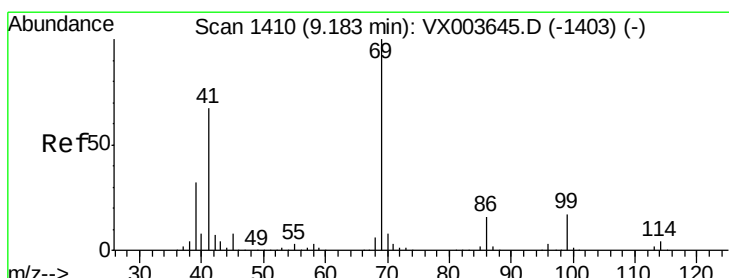
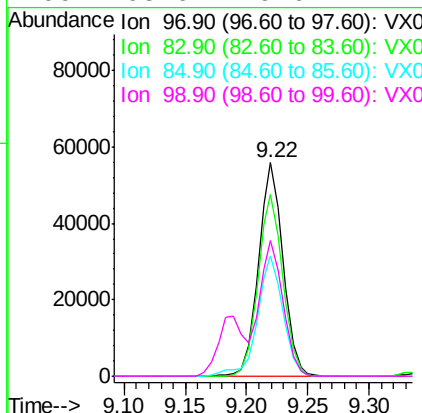
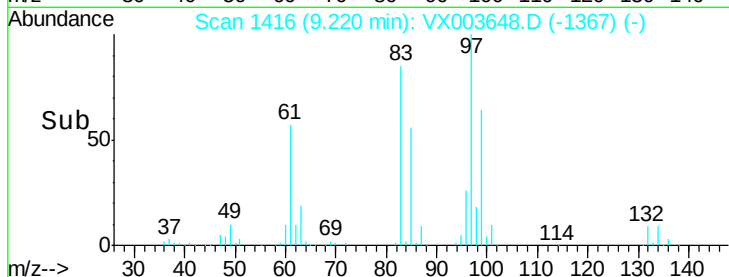
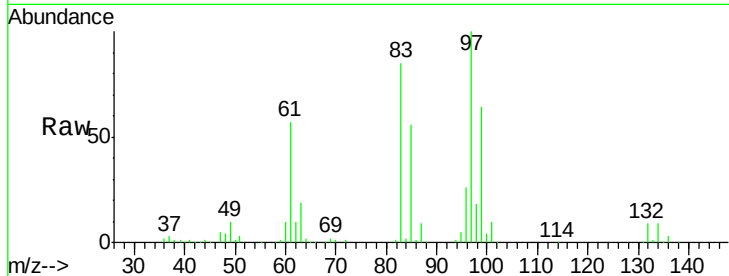
#55
 1,1,2-Trichloroethane
 Concen: 49.136 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003648.D
 Acq: 24 Jul 2018 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072418

Tot Ion:	97	Resp:	78290
Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.7	103.1
85	56.1	43.7	65.5
99	63.6	49.6	74.4

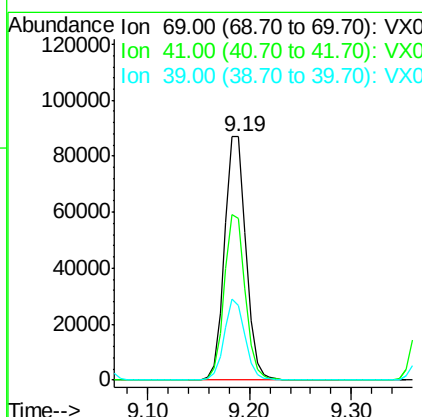
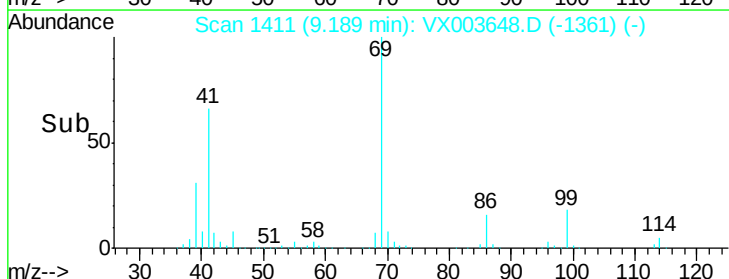
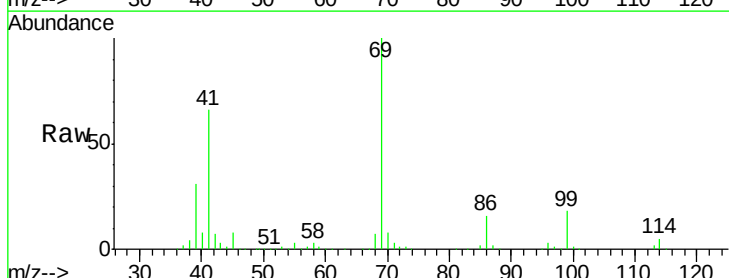
Manual Integrations
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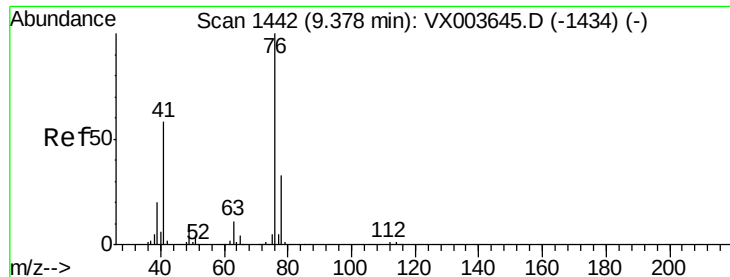
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 53.303 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX003648.D
 Acq: 24 Jul 2018 18:55

Tgt Ion:	69	Resp:	126388
Ion	Ratio	Lower	Upper
69	100		
41	66.3	53.8	80.6
39	32.2	25.8	38.8





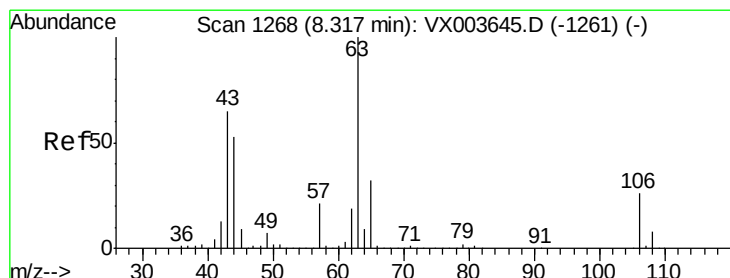
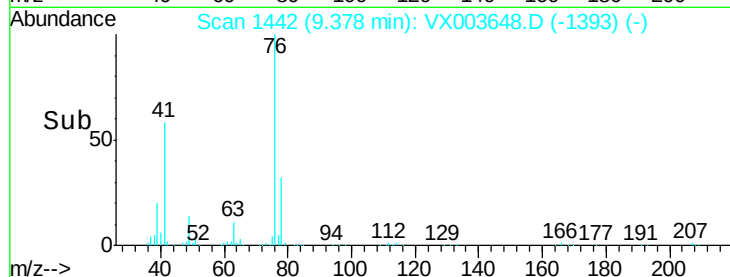
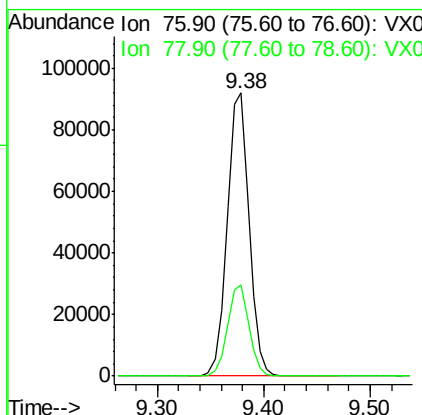
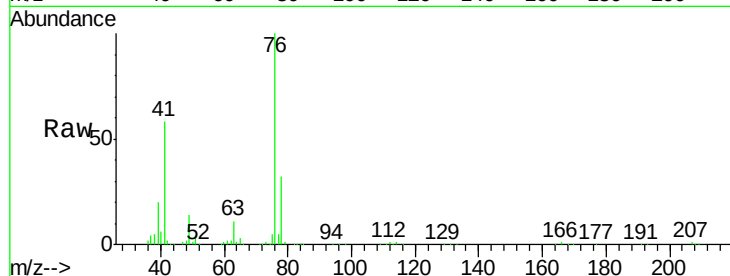
#57
 1,3-Dichloropropane
 Concen: 49.341 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX003648.D
 Acq: 24 Jul 2018 18:55

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX072418

Tot Ion: 76 Resp: 132008
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.6 38.4

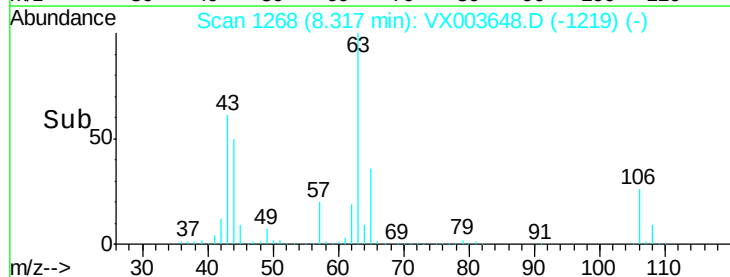
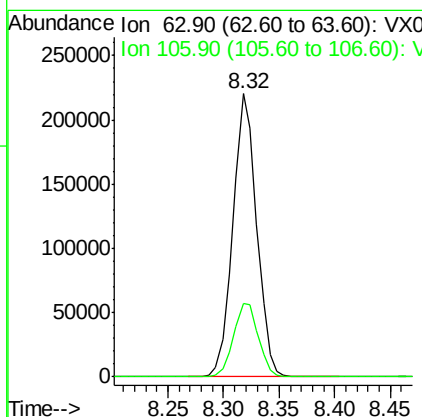
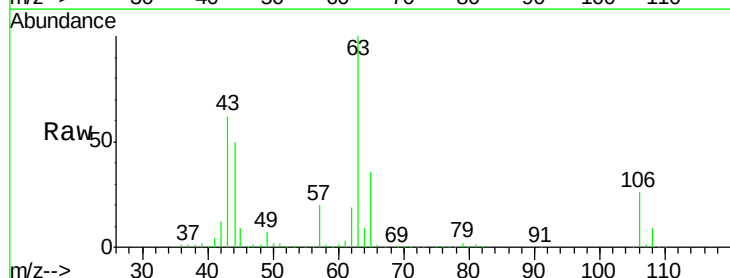
Manual Integrations
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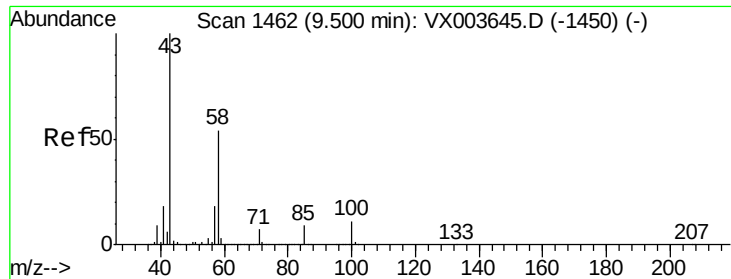
MMDadoda
 8/2/2018 11:54:18 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 272.264 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003648.D
 Acq: 24 Jul 2018 18:55

Tgt Ion: 63 Resp: 324406
 Ion Ratio Lower Upper
 63 100
 106 27.3 21.5 32.3





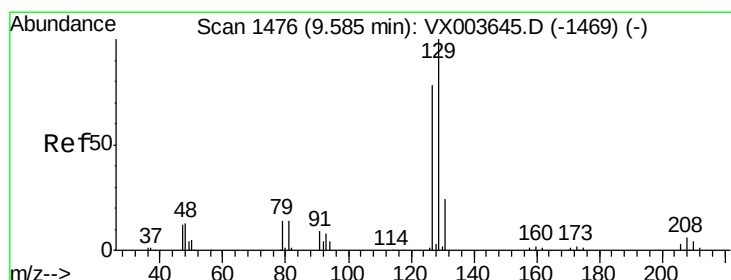
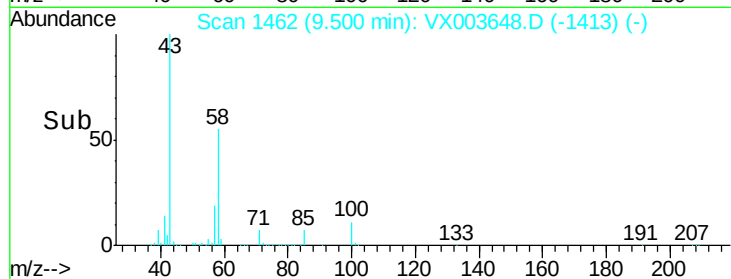
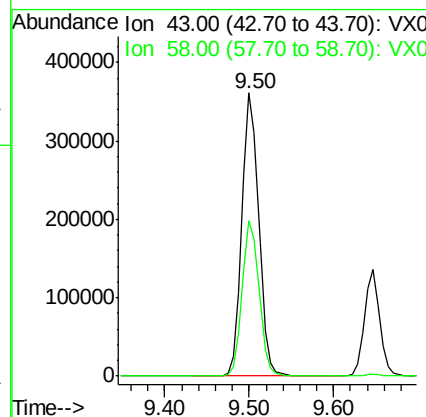
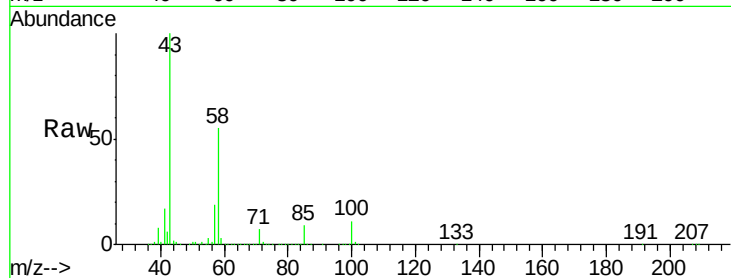
#59
2-Hexanone
Concen: 252.718 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072418

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.7	27.3	81.9

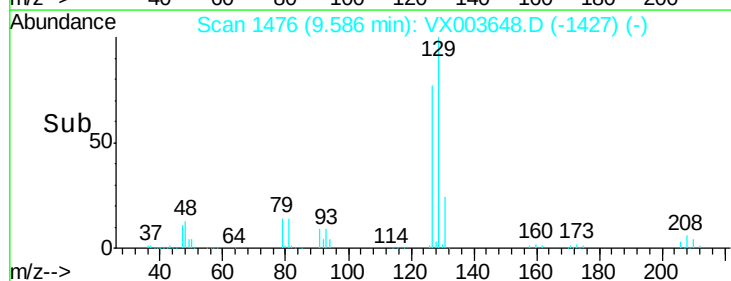
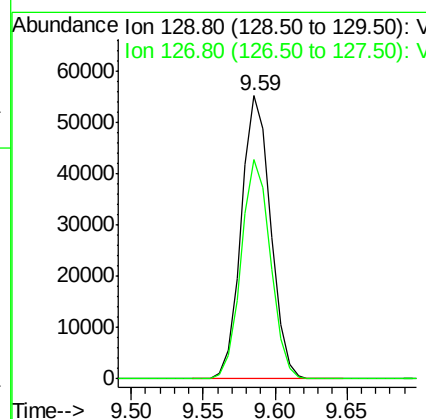
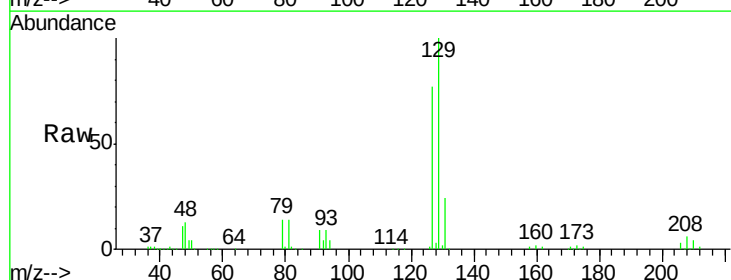
Manual Integrations
APPROVED

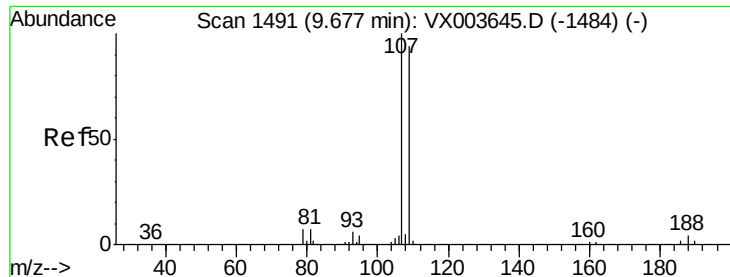
MMDadoda
8/2/2018 11:54:18 AM



#60
Dibromochloromethane
Concen: 51.806 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.7	116.1





#61

1,2-Dibromoethane

Concen: 49.828 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072418

Tot Ion:107 Resp: 82670

Ion Ratio Lower Upper

107 100

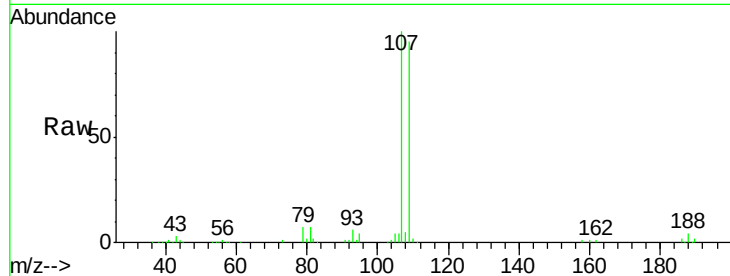
109 94.2 75.4 113.2

Manual Integrations

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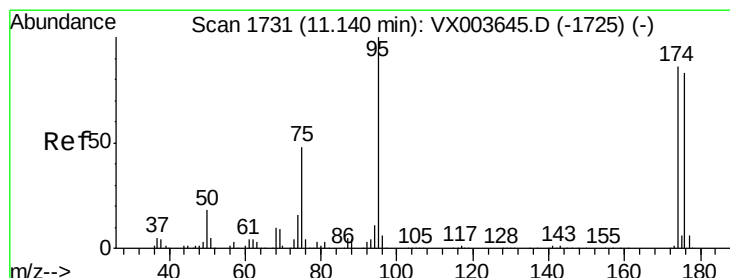
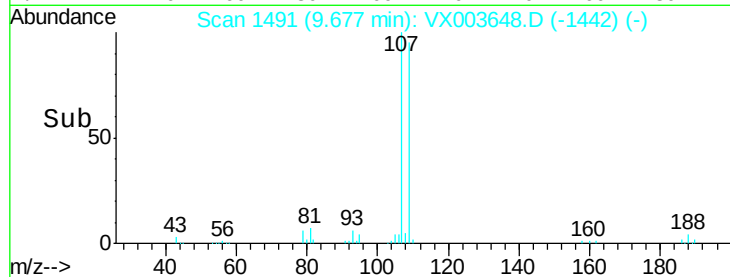
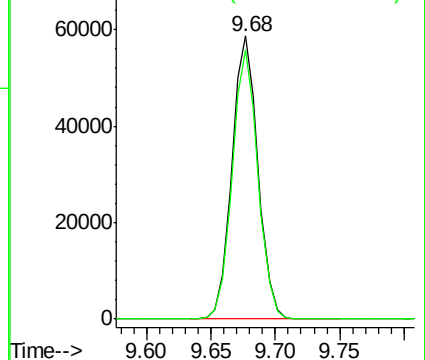
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.286 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

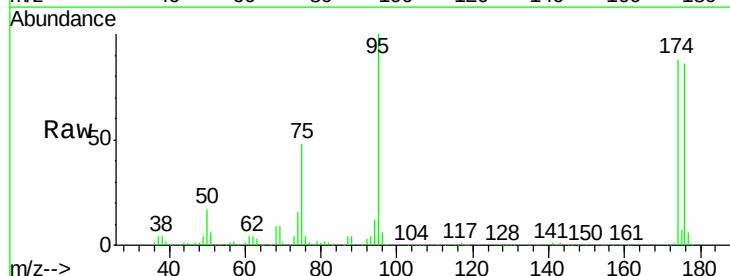
Tgt Ion: 95 Resp: 101674

Ion Ratio Lower Upper

95 100

174 88.8 0.0 179.0

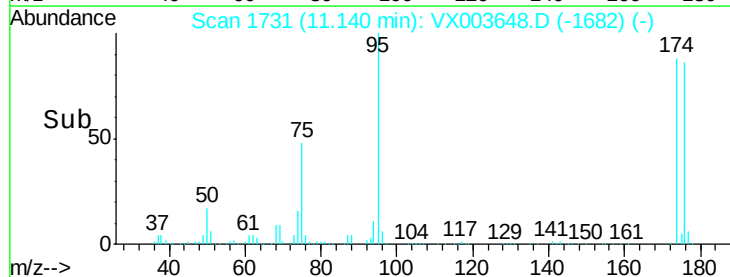
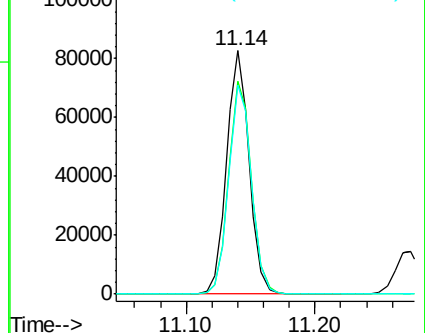
176 87.4 0.0 173.0

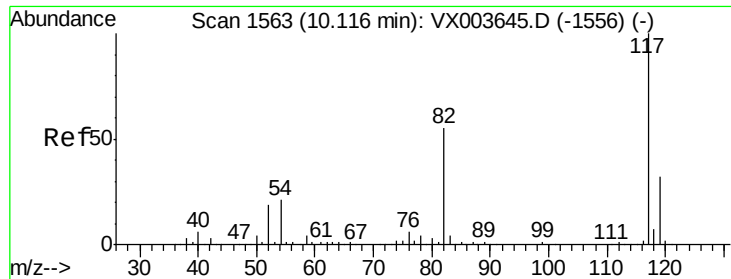


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





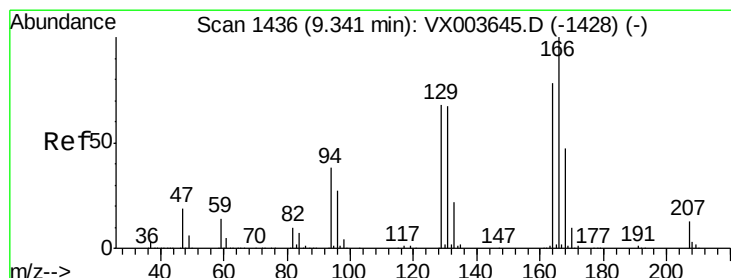
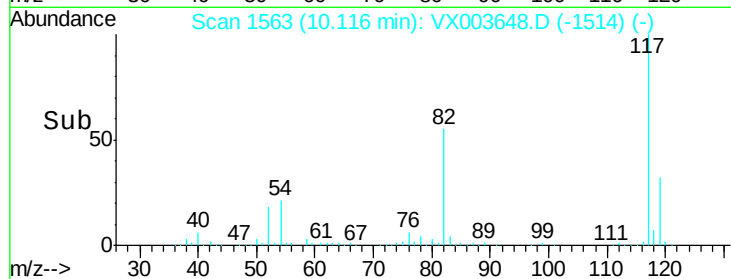
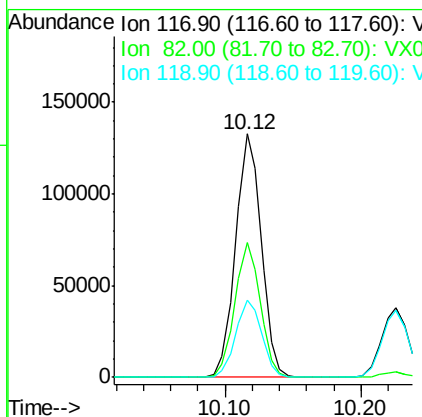
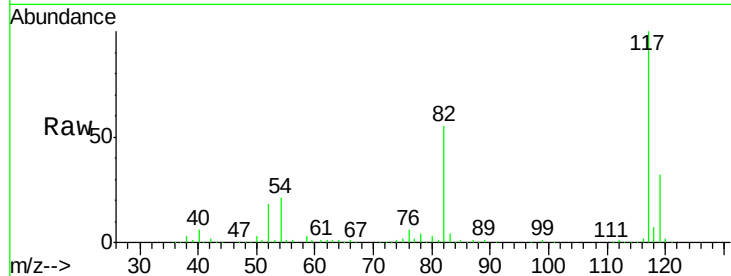
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072418

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.3	66.5
119	31.8	25.6	38.4

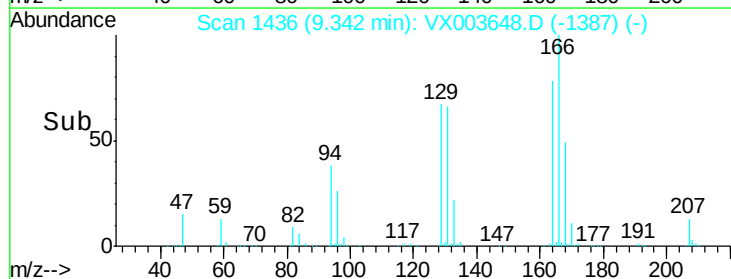
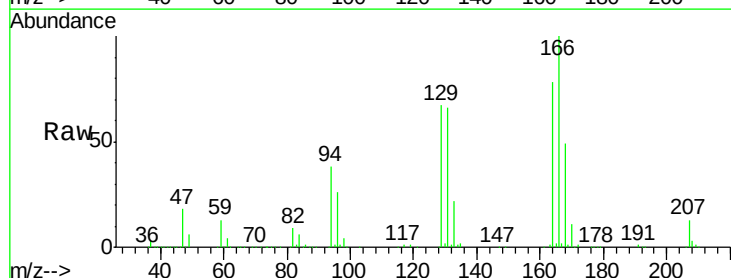
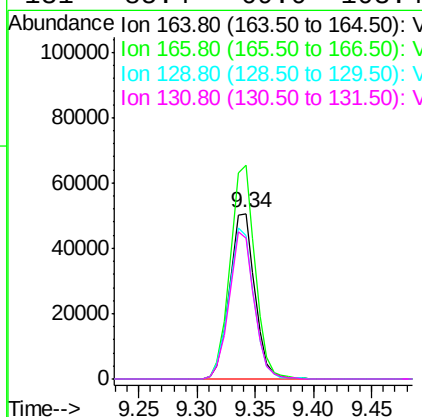
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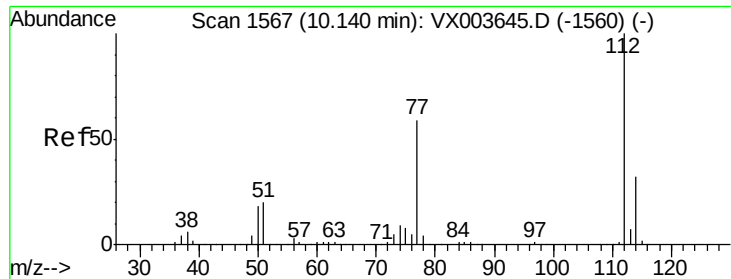
MMDadoda
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#64
Tetrachloroethene
Concen: 48.061 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.0	102.4	153.6
129	86.9	69.6	104.4
131	85.4	69.0	103.4





#65

Chlorobenzene

Concen: 48.834 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072418

Tot Ion:112 Resp: 214201

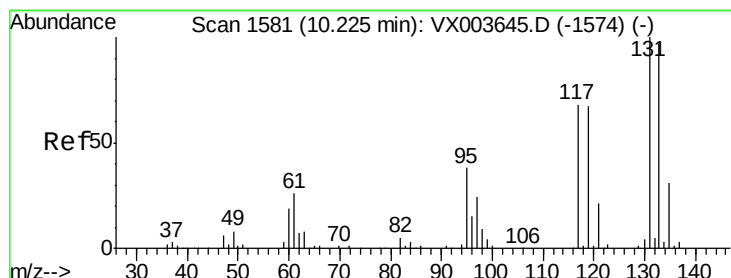
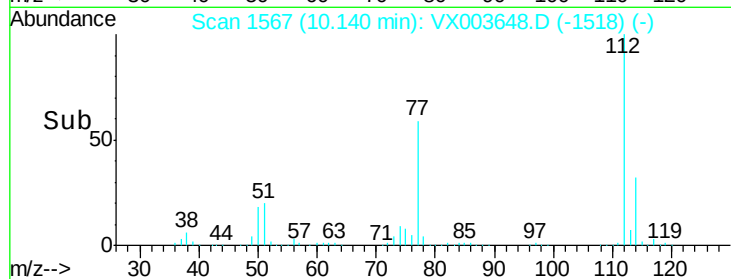
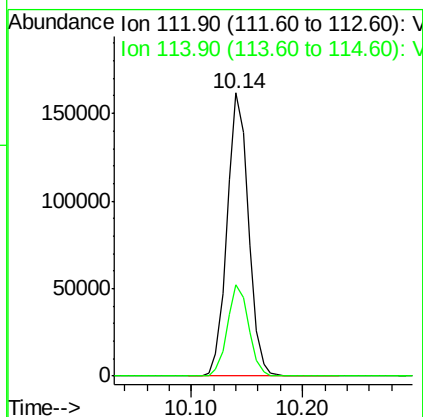
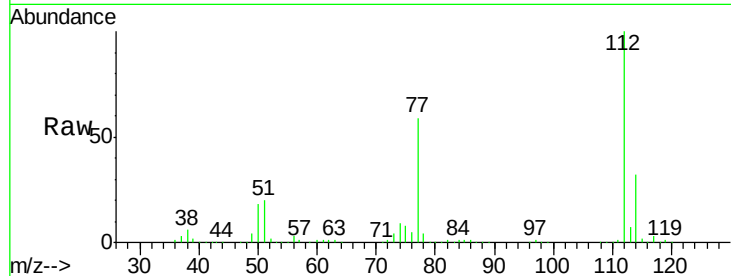
Ion Ratio Lower Upper

112 100

114 32.3 25.8 38.8

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#66

1,1,1,2-Tetrachloroethane

Concen: 49.784 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

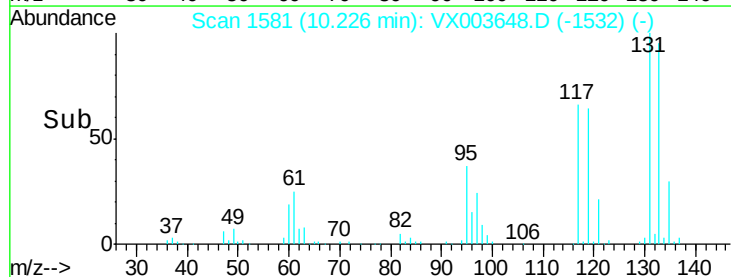
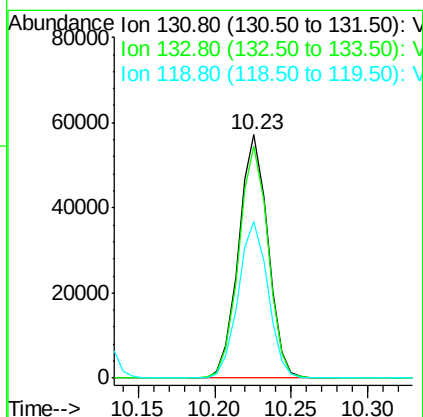
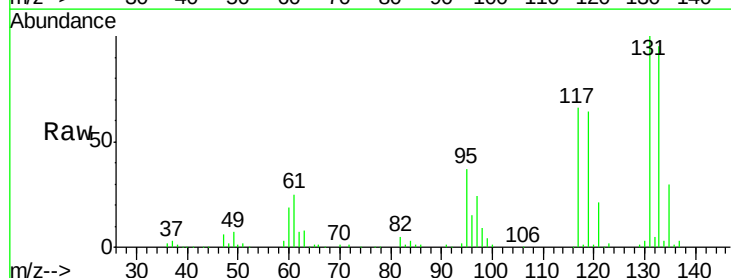
Tgt Ion:131 Resp: 75917

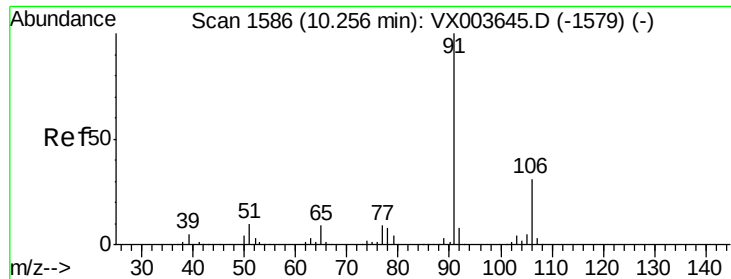
Ion Ratio Lower Upper

131 100

133 95.4 47.6 142.8

119 65.4 32.8 98.4





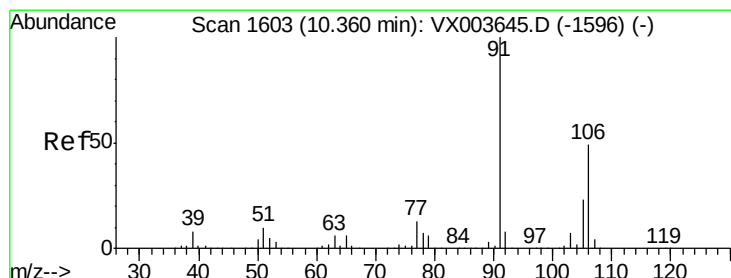
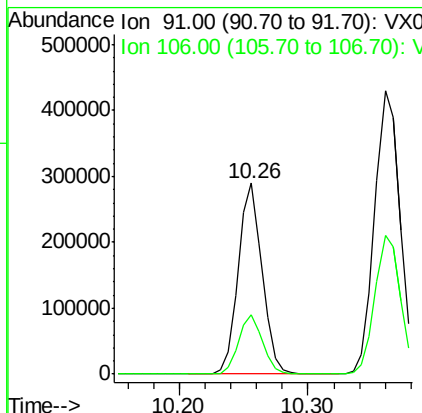
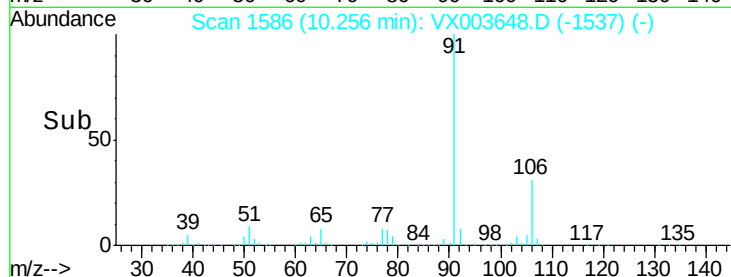
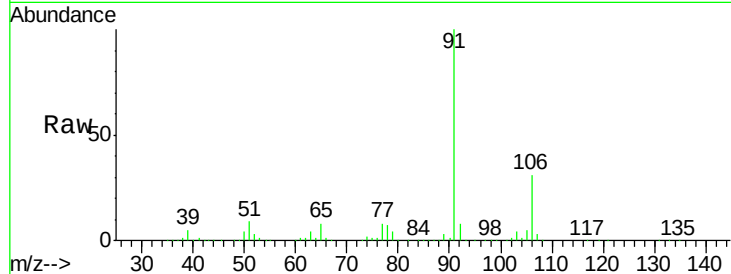
#67
Ethyl Benzene
Concen: 50.757 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072418

Tot Ion: 91 Resp: 372669
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.6

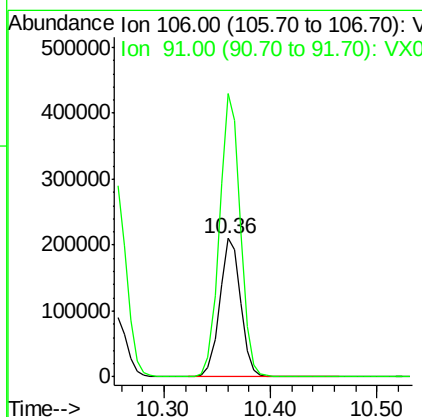
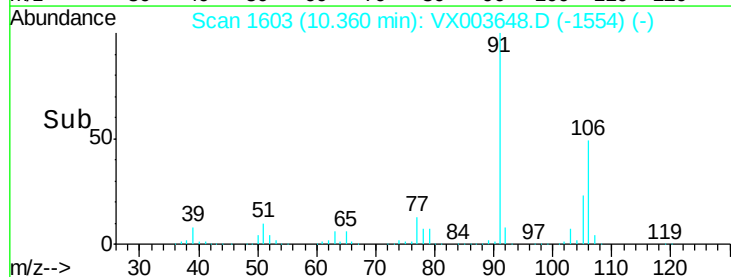
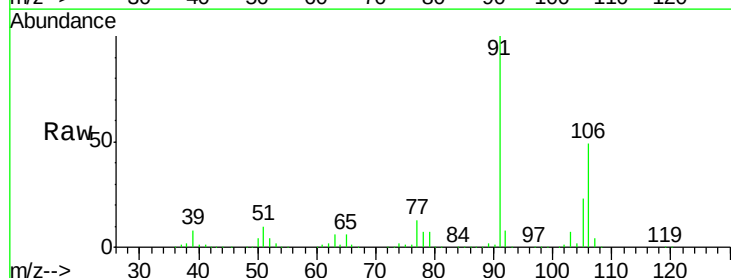
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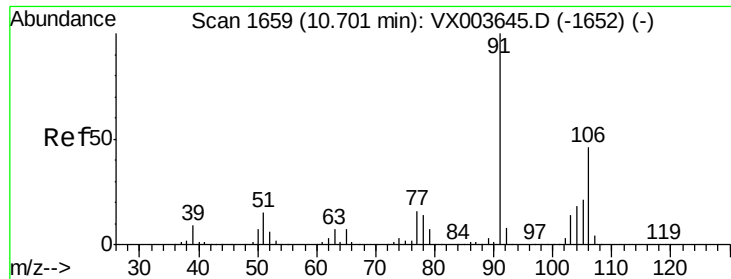
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#68
m/p-Xylenes
Concen: 101.762 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Tgt Ion: 106 Resp: 286635
Ion Ratio Lower Upper
106 100
91 204.0 162.2 243.2





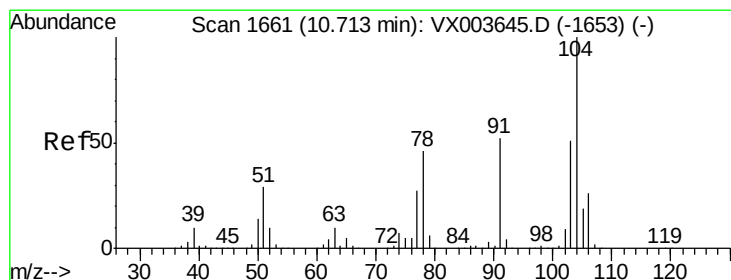
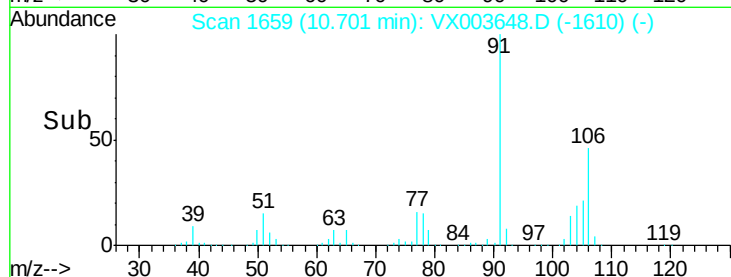
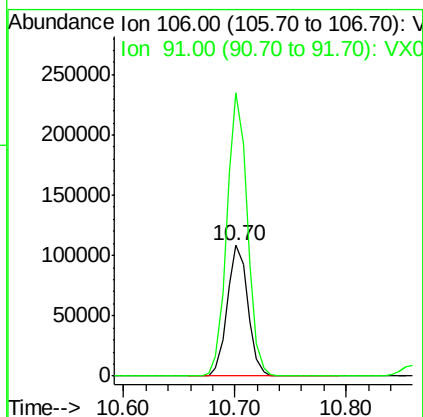
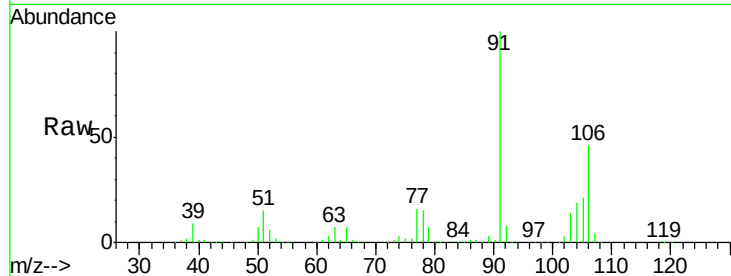
#69
o-Xylene
Concen: 51.215 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampled :
ICVVX072418

Tot Ion:106 Resp: 138876
Ion Ratio Lower Upper
106 100
91 214.8 107.1 321.1

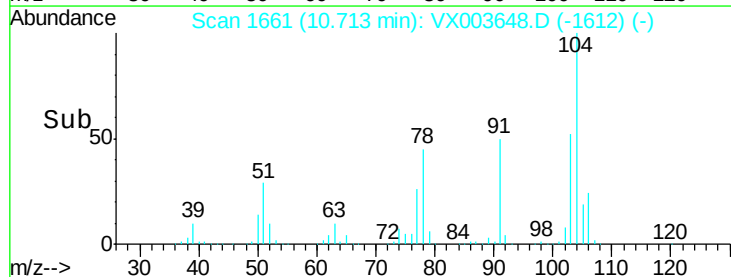
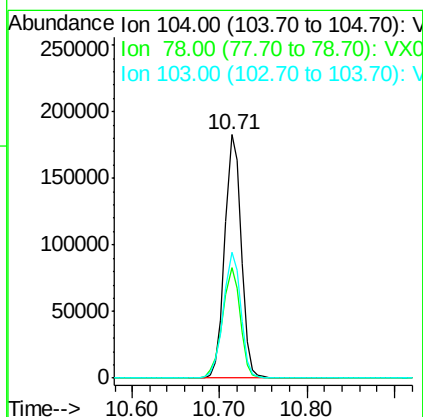
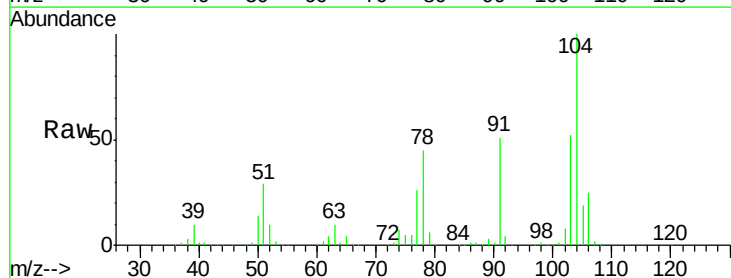
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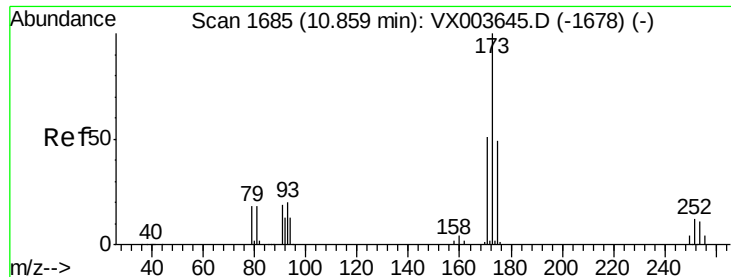
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#70
Styrene
Concen: 52.002 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Tgt Ion:104 Resp: 236871
Ion Ratio Lower Upper
104 100
78 49.1 39.2 58.8
103 55.4 44.2 66.4





#71

Bromoform

Concen: 50.428 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072418

Tot Ion:173 Resp: 60807

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.2

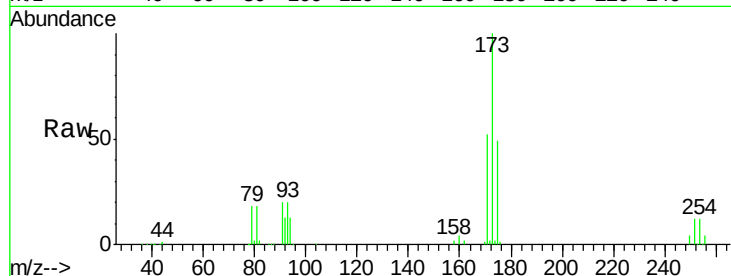
254 0.2 0.0 0.0#

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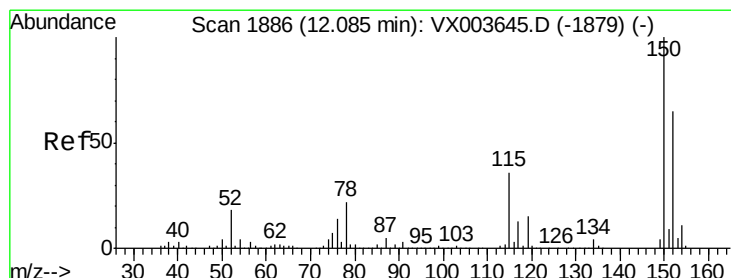
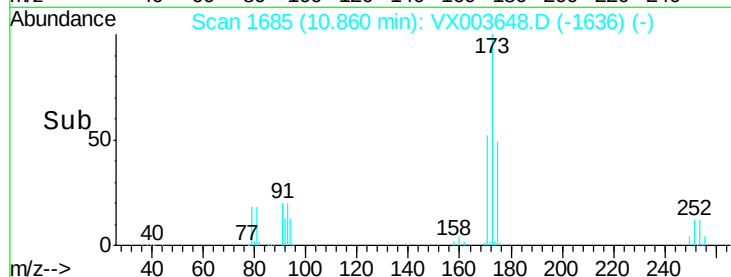
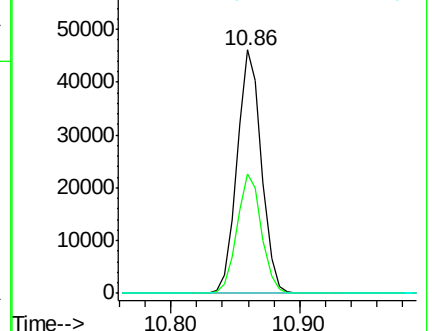
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

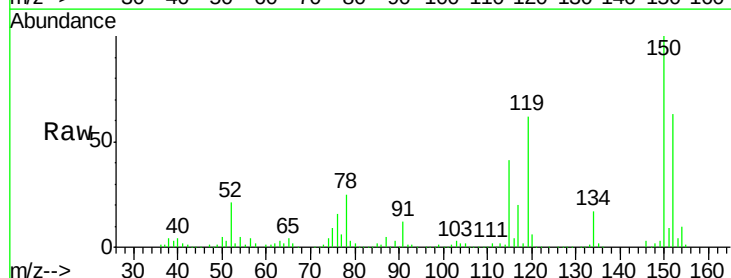
Tgt Ion:152 Resp: 104836

Ion Ratio Lower Upper

152 100

115 79.5 40.0 119.9

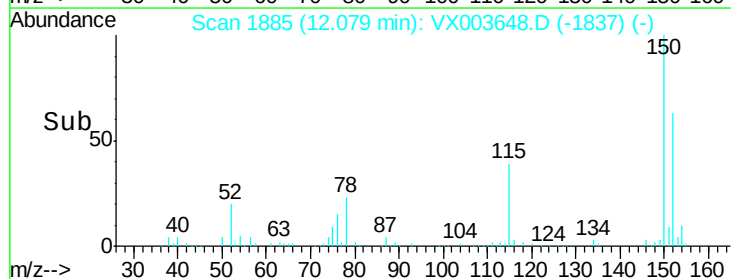
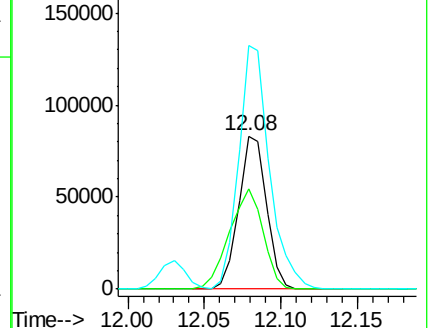
150 175.7 0.0 348.4

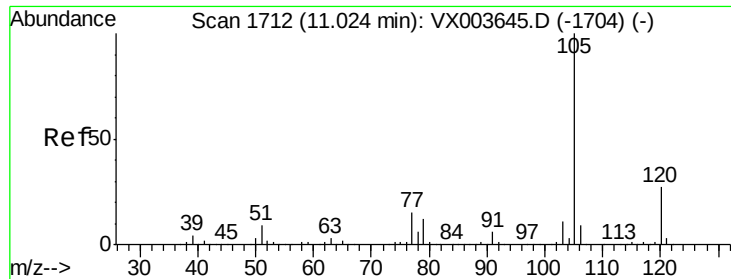


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.879 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072418

Tot Ion:105 Resp: 371597

Ion Ratio Lower Upper

105 100

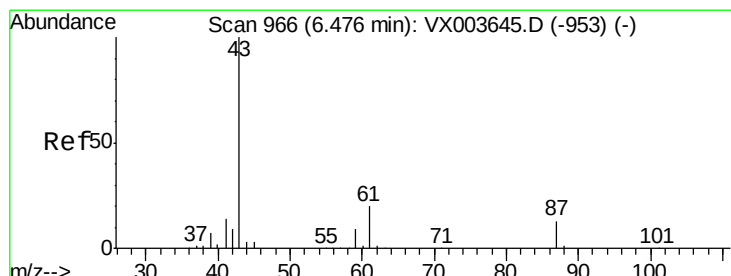
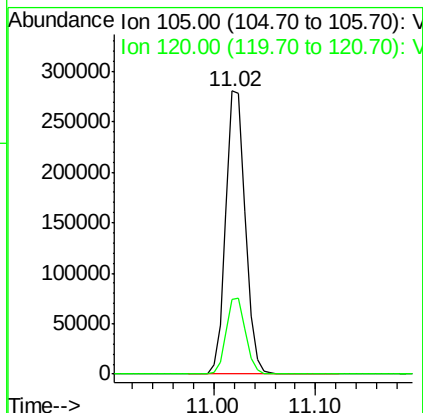
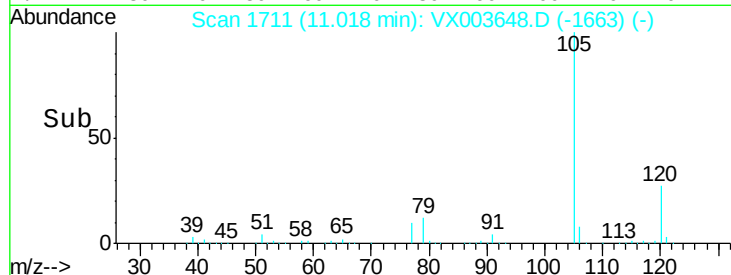
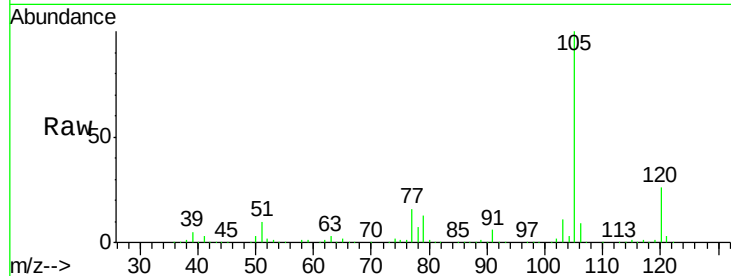
120 26.7 13.5 40.5

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#74

N-ethyl acetate

Concen: 50.334 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Tgt Ion: 43 Resp: 188035

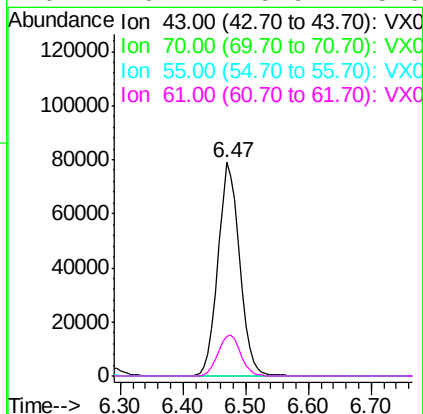
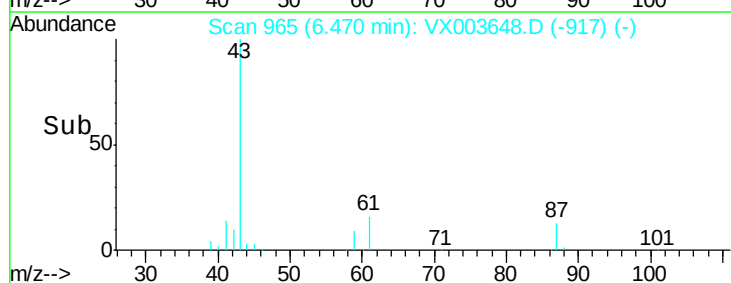
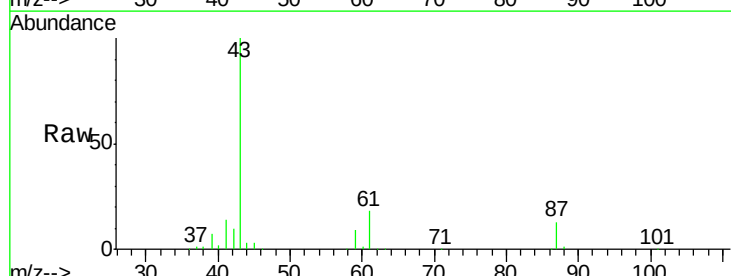
Ion Ratio Lower Upper

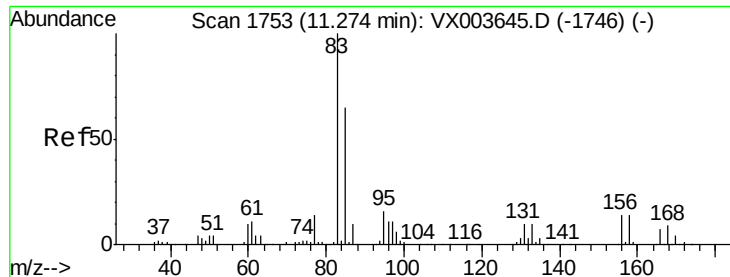
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 20.1 15.9 23.9





#75

1,1,2,2-Tetrachloroethane

Concen: 47.913 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

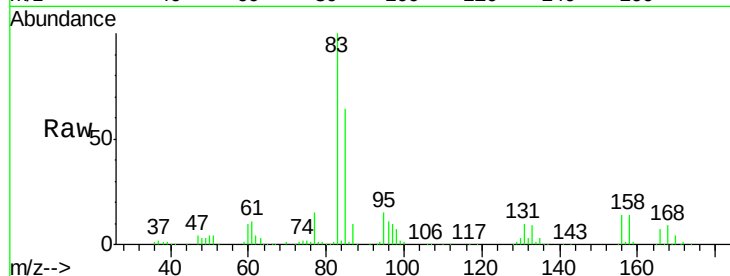
ClientSampleId :

ICVVX072418

Tot Ion:	83	Resp:	126734
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.4
85	64.6	31.9	95.9

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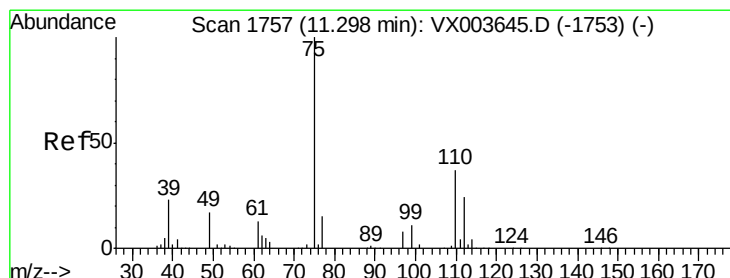
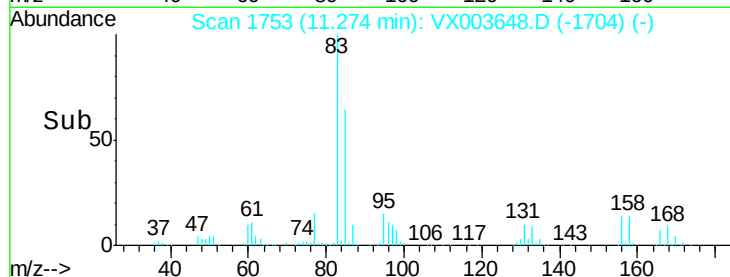
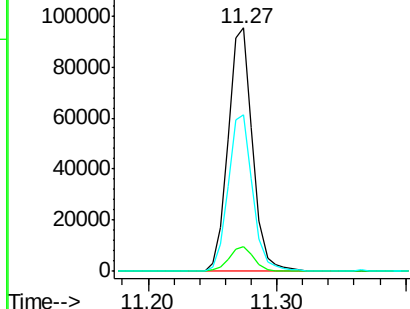
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 49.486 ug/l m

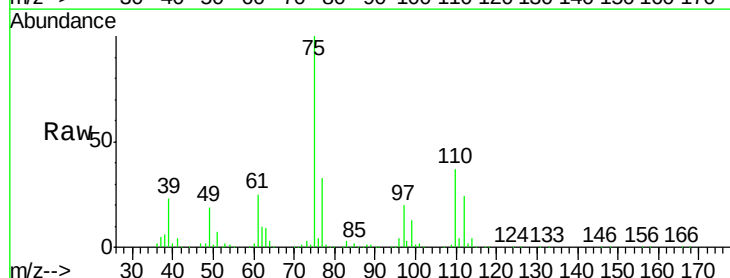
RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003648.D

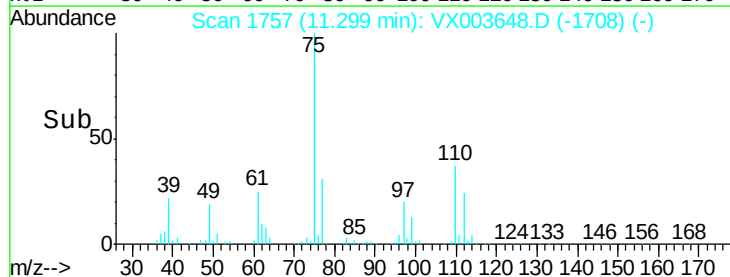
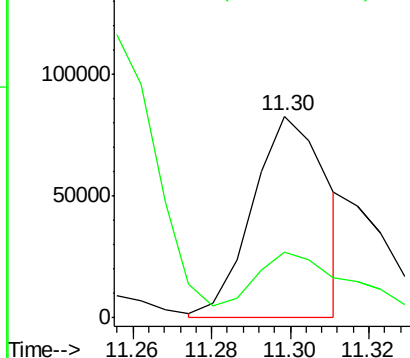
Acq: 24 Jul 2018 18:55

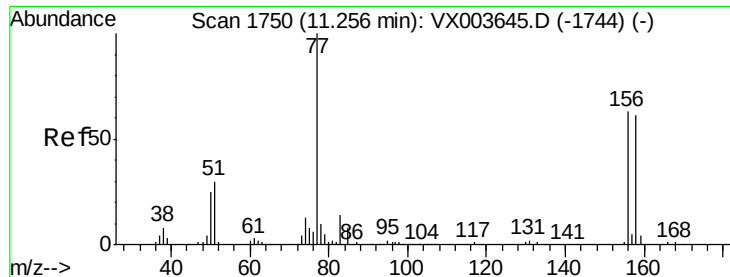
Tgt Ion:	75	Resp:	108815
Ion Ratio	Lower	Upper	
75	100		
77	43.3	21.6	64.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.838 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

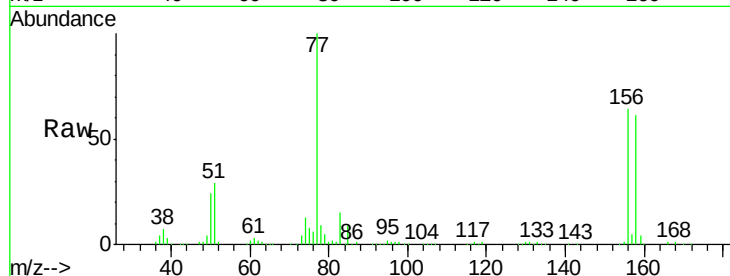
ClientSampleId :

ICVVX072418

Tot Ion	156	Resp	96955
Ion	Ratio	Lower	Upper
156	100		
77	150.8	74.9	224.6
158	97.2	48.4	145.2

Manual Integrations
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8/2/2018 11:54:18 AM

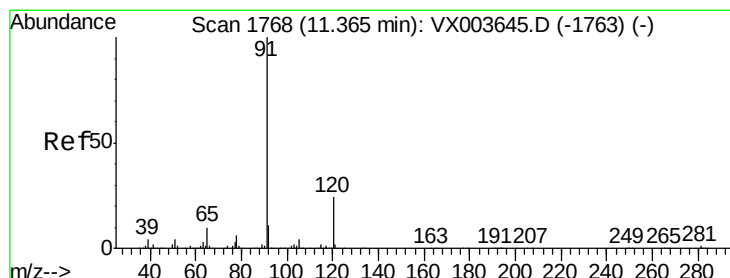
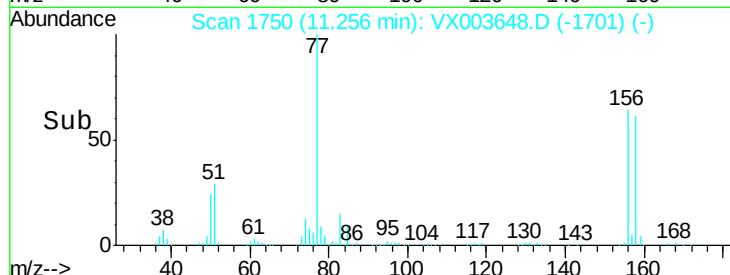
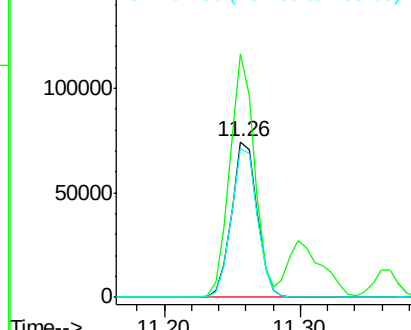


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.456 ug/l

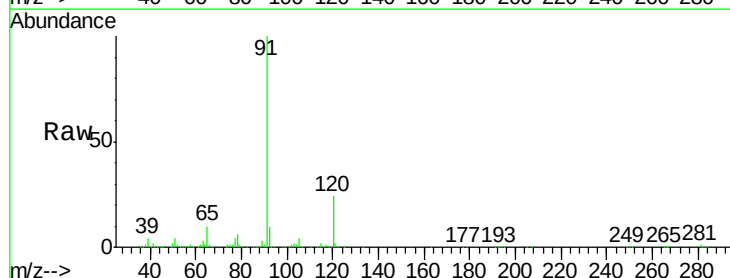
RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

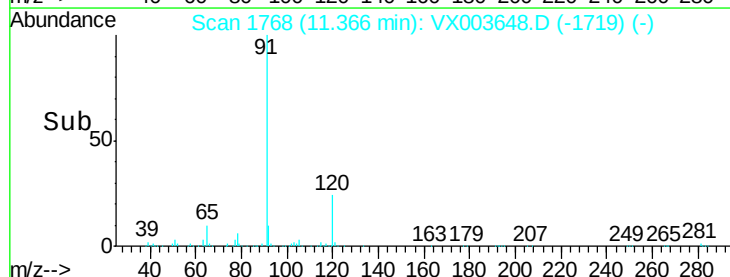
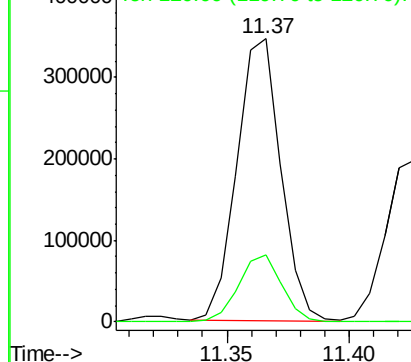
Tgt Ion	91	Resp	433855
Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.8	35.3

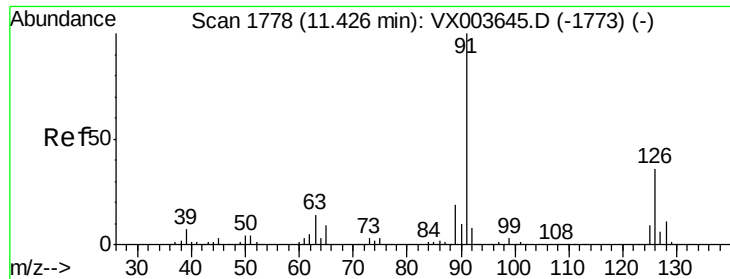


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.466 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072418

Tot Ion: 91 Resp: 253691

Ion Ratio Lower Upper

91 100

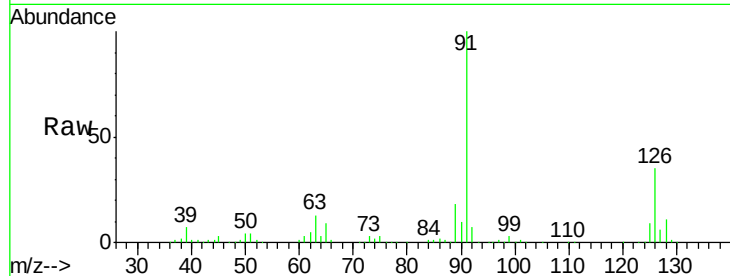
126 34.7 17.3 52.0

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Abundance Ion 91.00 (90.70 to 91.70): VX003645.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX003645.D (-1773) (-)

400000

300000

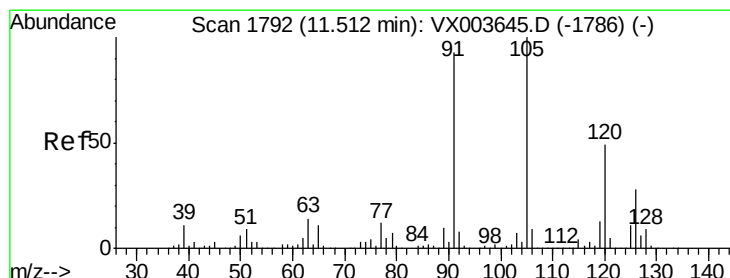
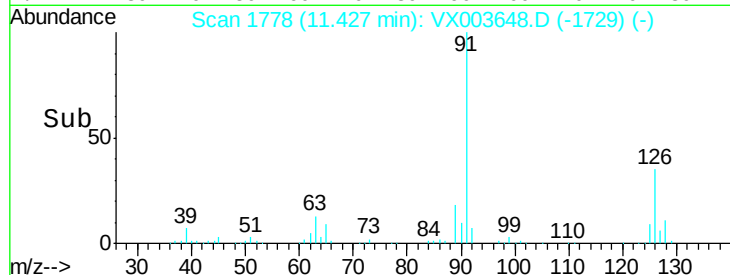
200000

100000

0

11.40 11.43 11.45 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.276 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003648.D

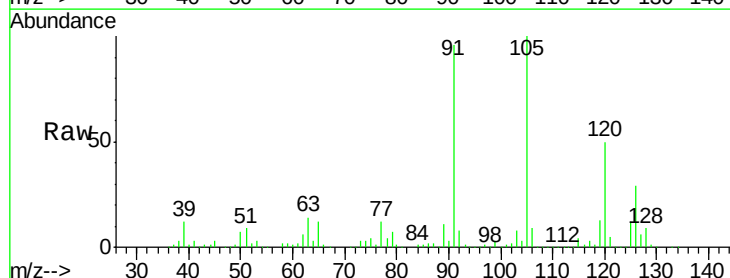
Acq: 24 Jul 2018 18:55

Tgt Ion: 105 Resp: 316788

Ion Ratio Lower Upper

105 100

120 48.9 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX003645.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX003645.D (-1786) (-)

300000

250000

200000

150000

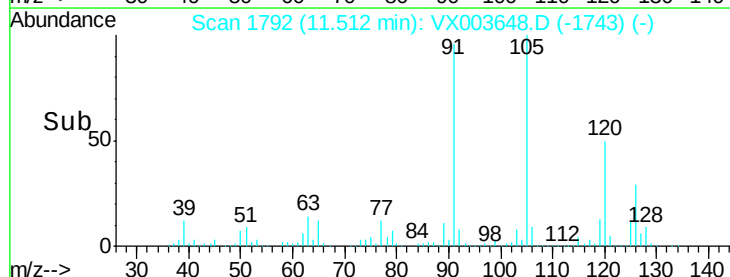
100000

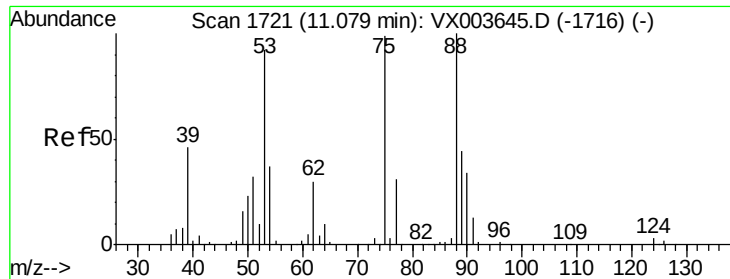
50000

0

11.40 11.50 11.60

Time-->





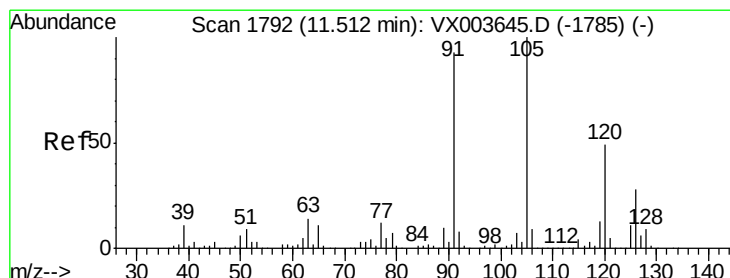
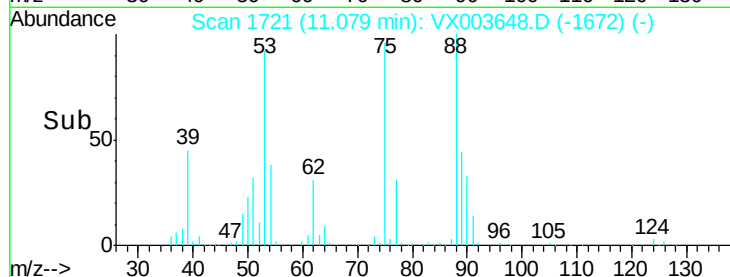
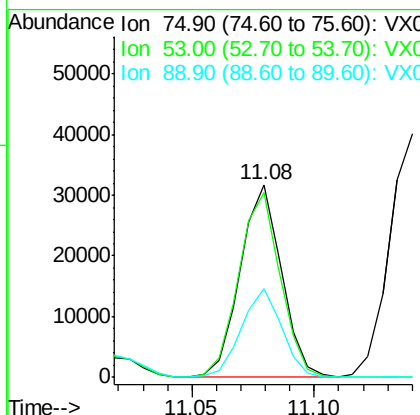
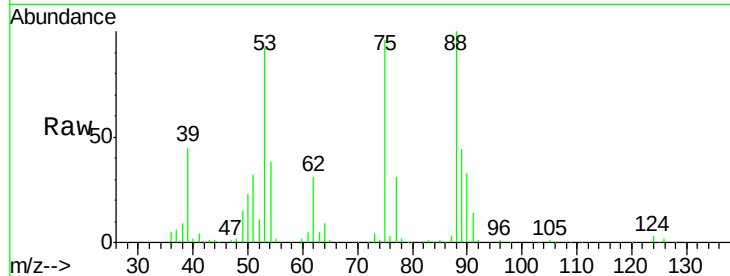
#81
trans-1,4-Dichloro-2-butene
Concen: 52.262 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampled :
ICVVX072418

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.2	77.8	116.8
89	45.5	36.6	54.8

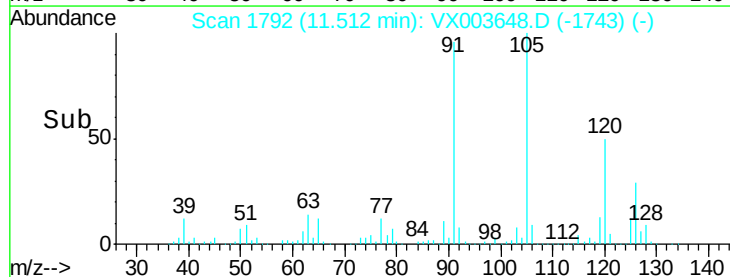
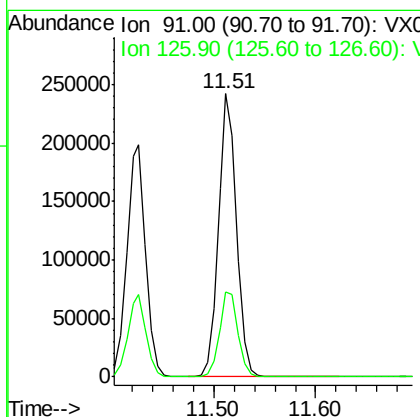
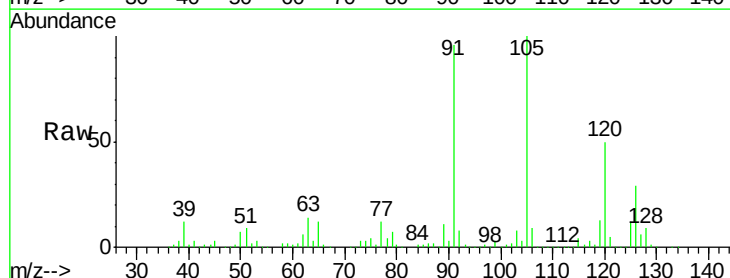
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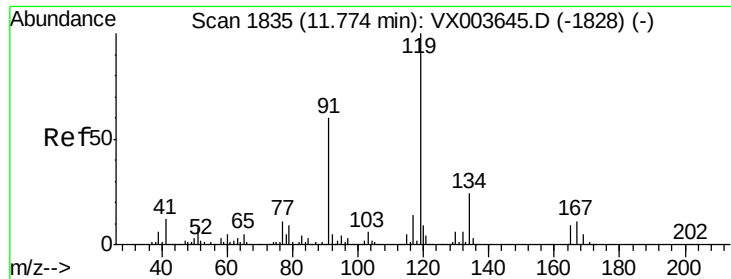
MMDadoda
8/2/2018 11:54:18 AM



#82
4-Chlorotoluene
Concen: 50.720 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.4	46.1





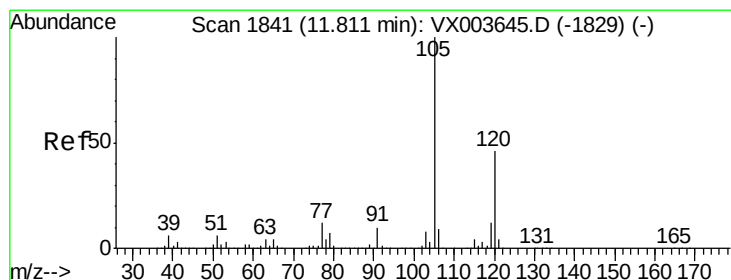
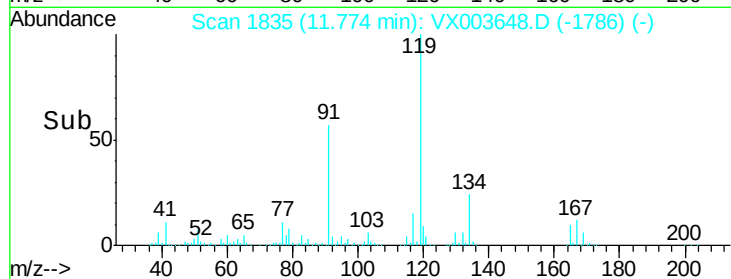
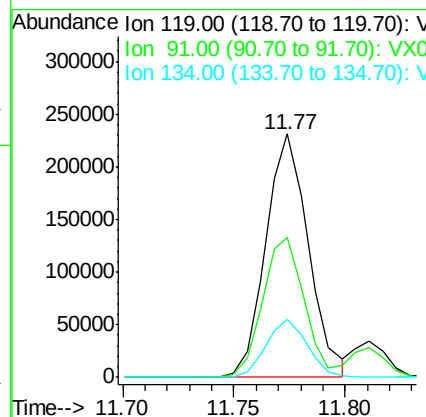
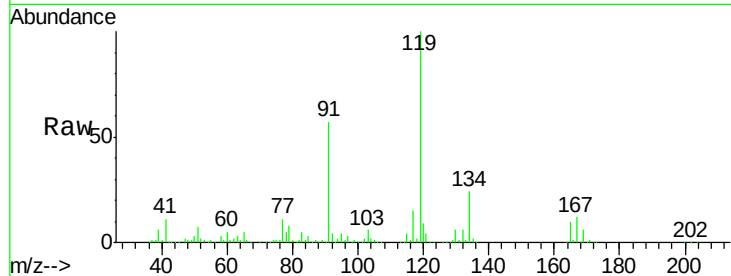
#83
 tert-Butylbenzene
 Concen: 51.803 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003648.D
 Acq: 24 Jul 2018 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072418

Tot Ion	Ratio	Resp	Lower	Upper
119	100	307178		
91	55.5	28.4	85.2	
134	23.0	11.6	34.8	

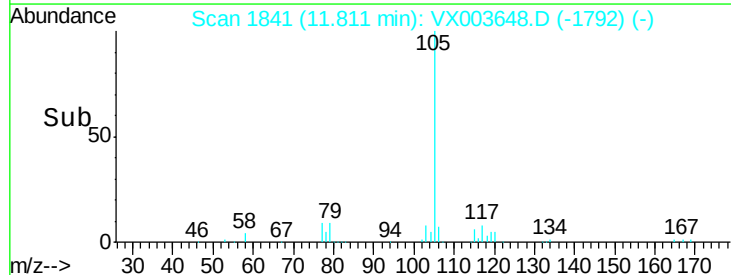
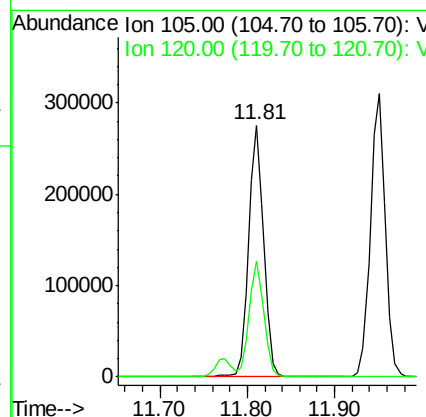
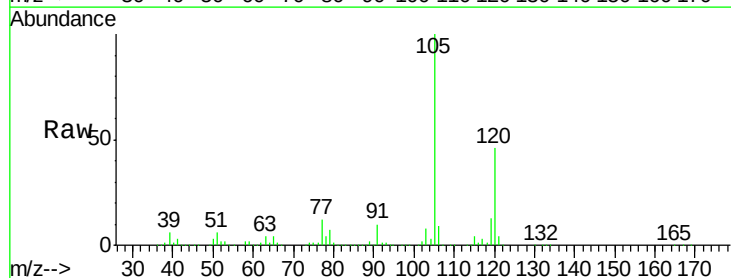
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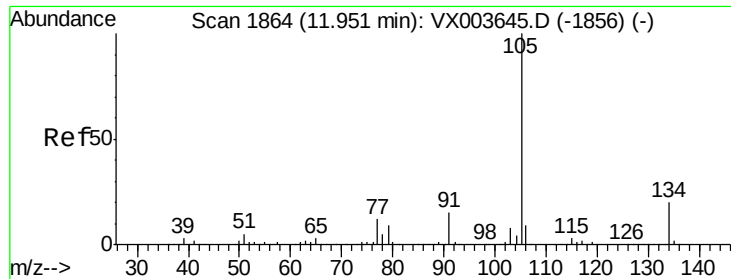
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.477 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003648.D
 Acq: 24 Jul 2018 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	326836		
120	45.3	22.6	67.8	





#85

sec-Butylbenzene

Concen: 52.370 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampled :

ICVVX072418

Tot Ion:105 Resp: 370649

Ion Ratio Lower Upper

105 100

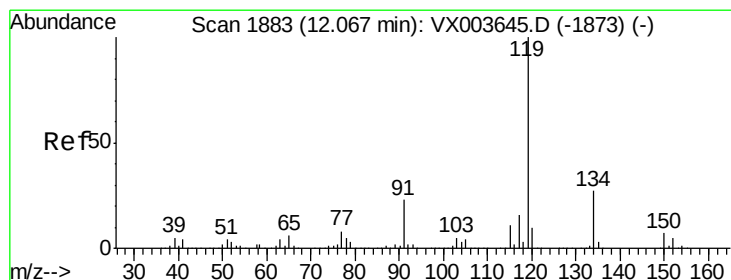
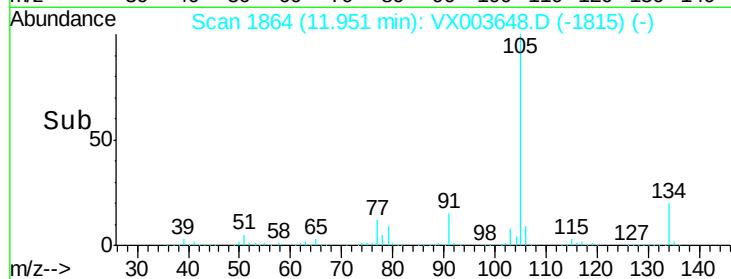
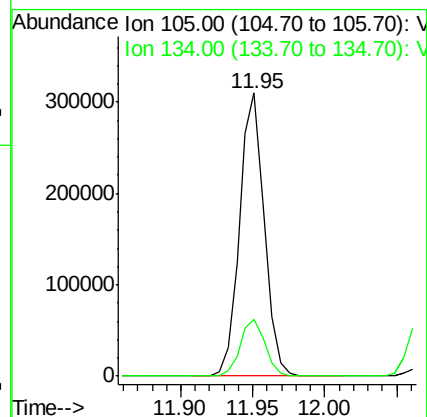
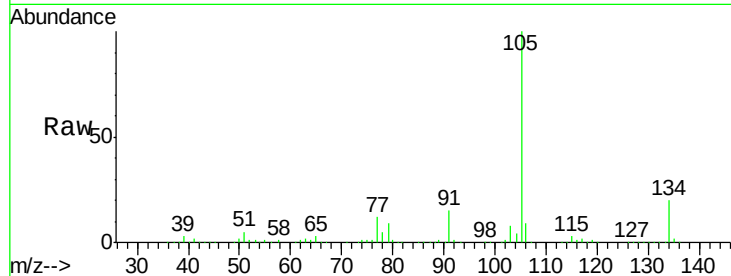
134 20.2 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 52.647 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

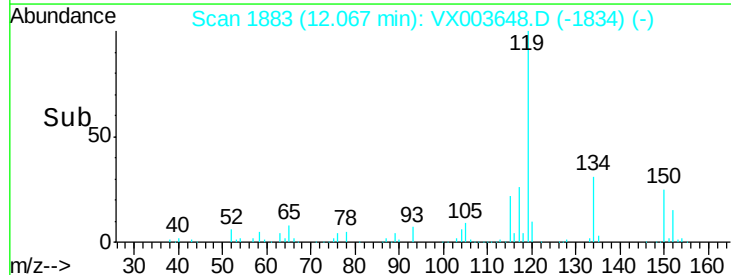
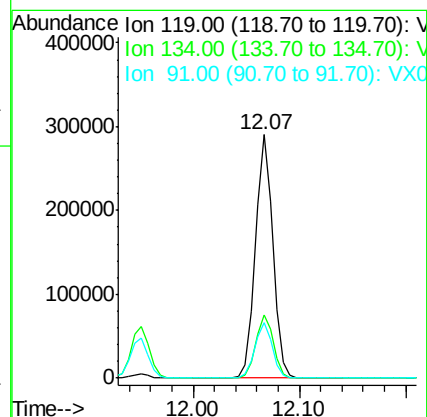
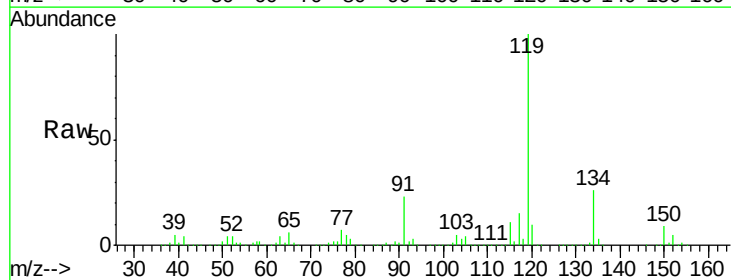
Tgt Ion:119 Resp: 334437

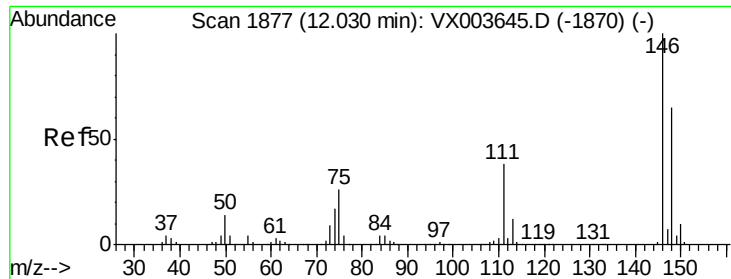
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

91 22.8 11.5 34.5





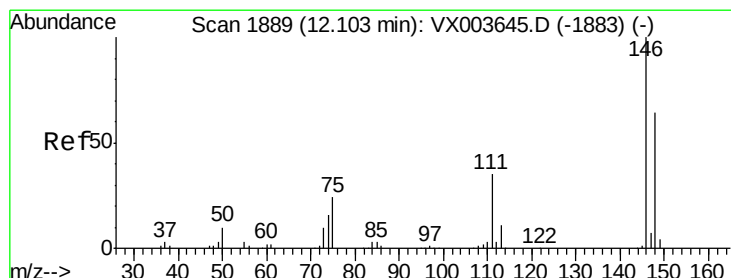
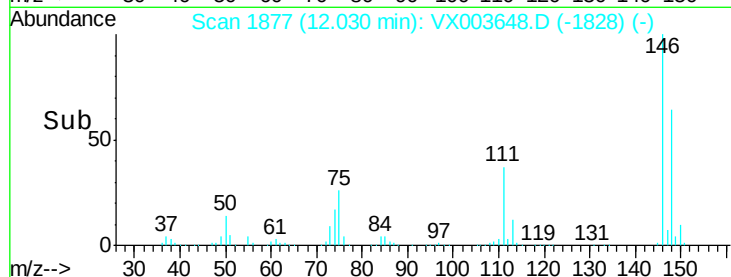
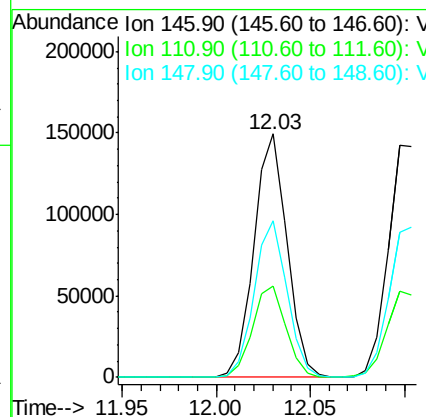
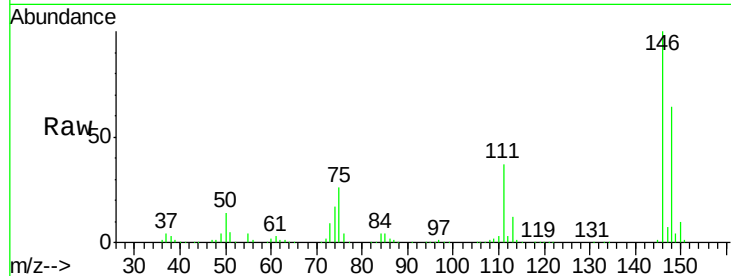
#87
 1,3-Dichlorobenzene
 Concen: 50.081 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003648.D
 Acq: 24 Jul 2018 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072418

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.4	58.2
148	63.9	32.4	97.0

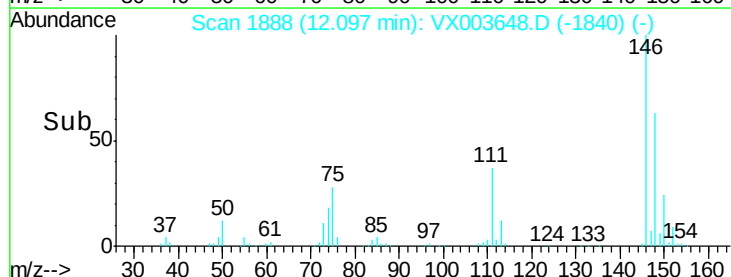
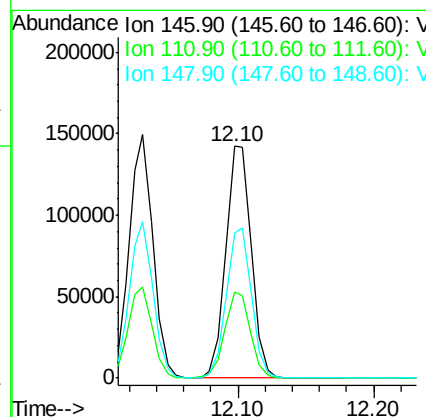
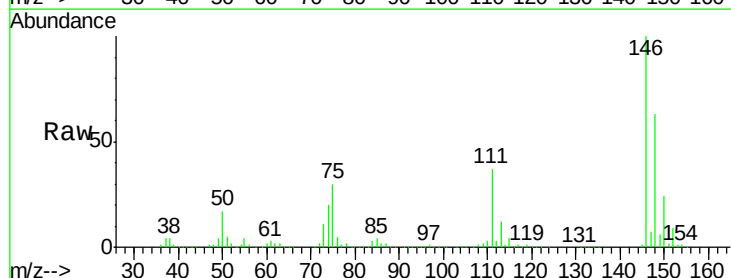
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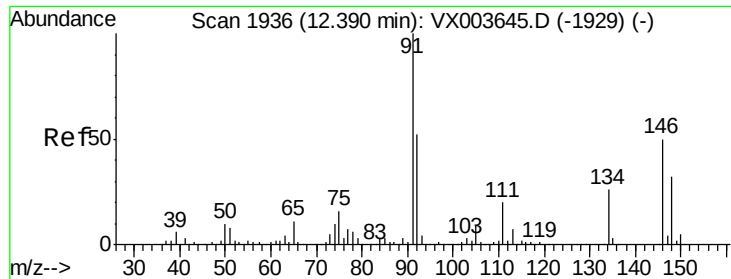
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#88
 1,4-Dichlorobenzene
 Concen: 48.988 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VX003648.D
 Acq: 24 Jul 2018 18:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.6	55.6
148	63.9	32.0	96.2





#89

n-Butylbenzene

Concen: 51.486 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003648.D

Acq: 24 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072418

Tot Ion: 91 Resp: 294786

Ion Ratio Lower Upper

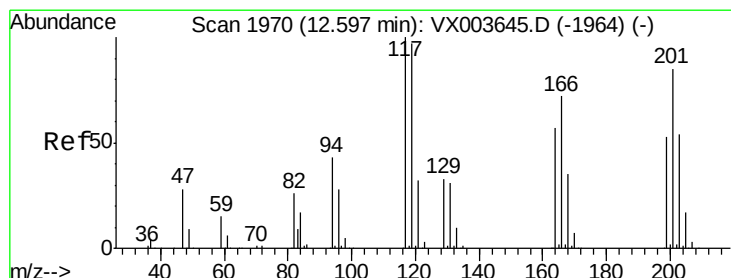
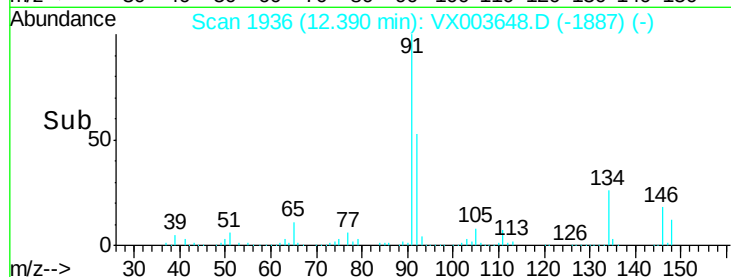
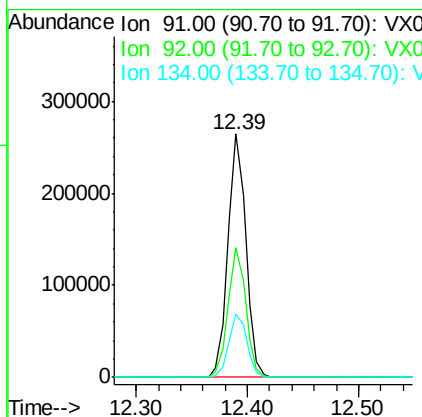
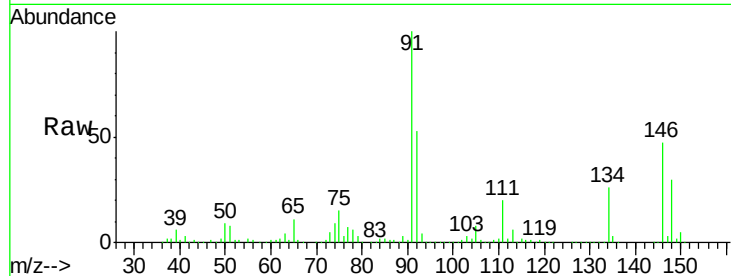
91 100

92 52.7 26.3 78.9

134 26.4 13.3 39.8

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#90

Hexachloroethane

Concen: 50.913 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003648.D

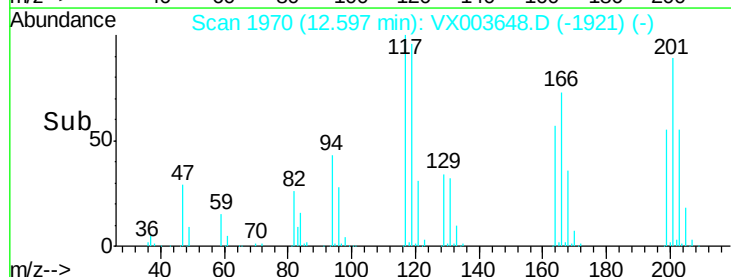
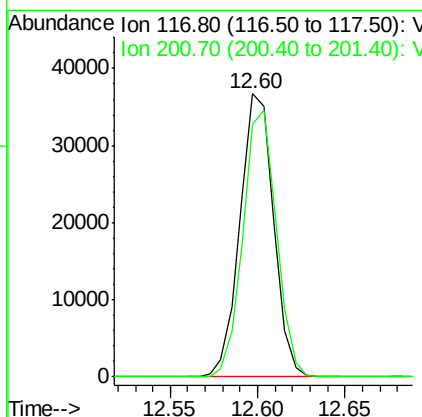
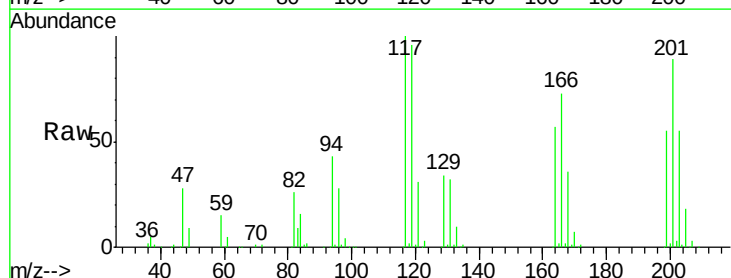
Acq: 24 Jul 2018 18:55

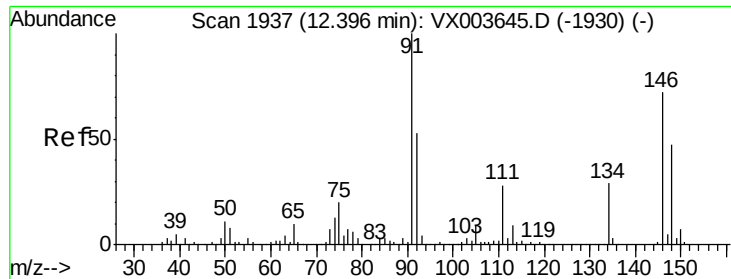
Tgt Ion: 117 Resp: 48980

Ion Ratio Lower Upper

117 100

201 93.3 46.2 138.5





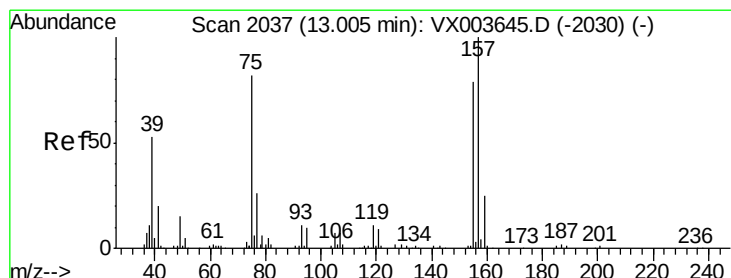
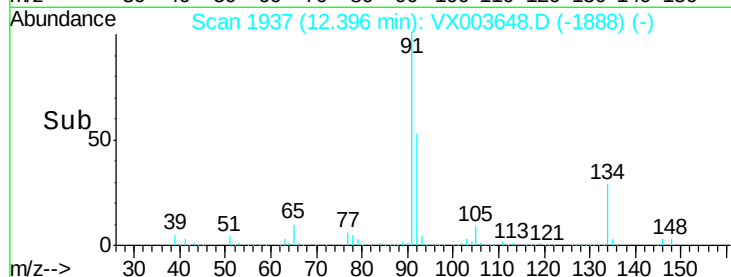
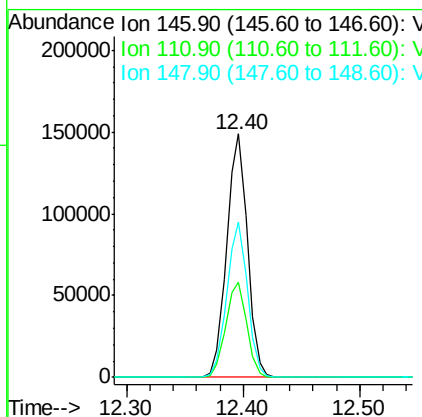
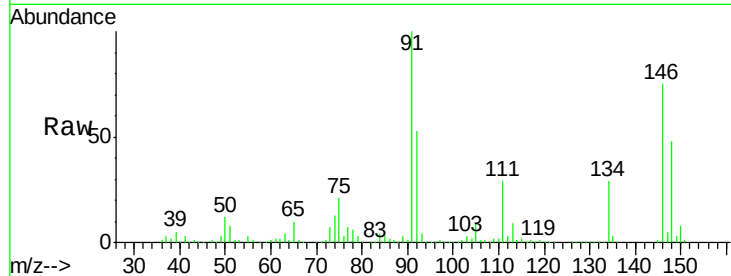
#91
 1,2-Dichlorobenzene
 Concen: 49.503 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003648.D
 Acq: 24 Jul 2018 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072418

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.8	59.4
148	63.6	32.2	96.6

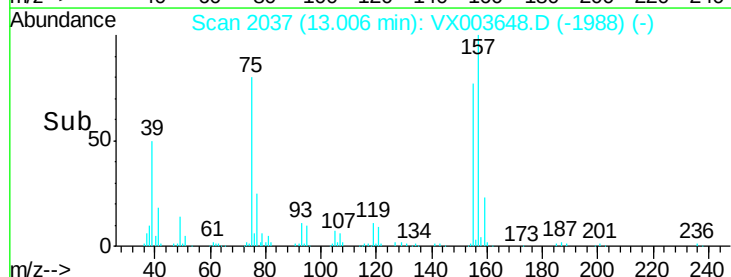
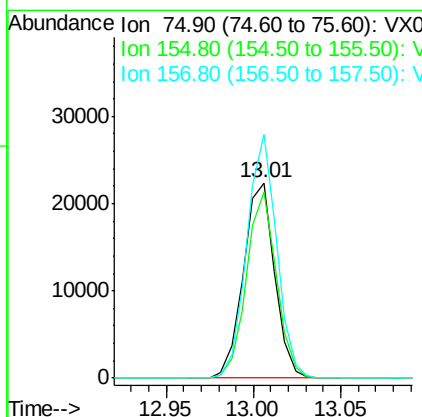
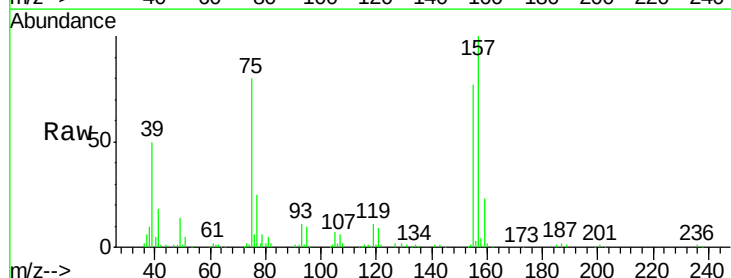
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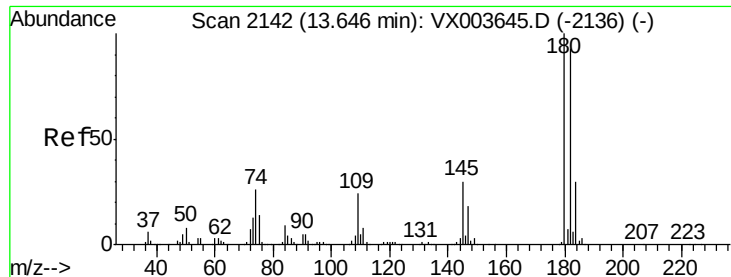
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.355 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003648.D
 Acq: 24 Jul 2018 18:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.4	46.1	138.3
157	119.3	59.7	179.0





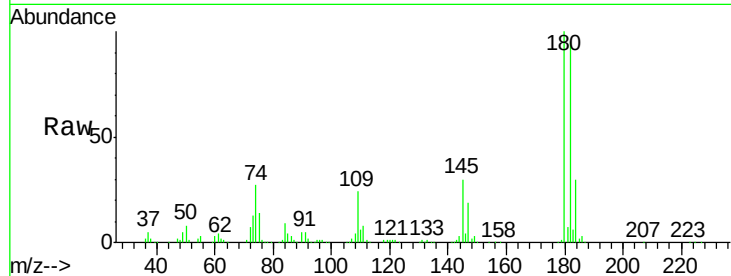
#93
1,2,4-Trichlorobenzene
Concen: 50.688 ug/l
RT: 13.65 min Scan# 2142
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072418

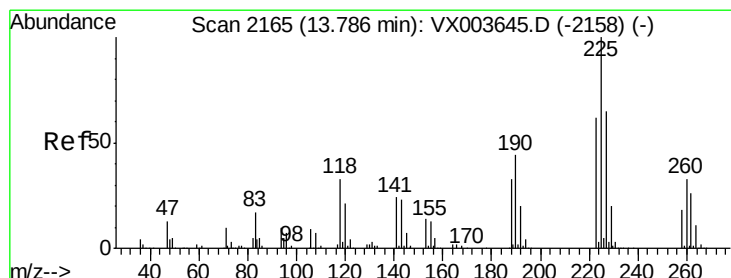
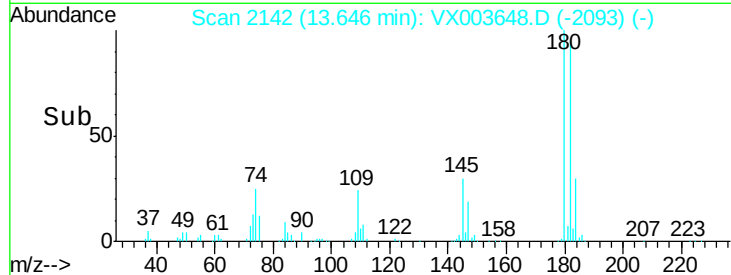
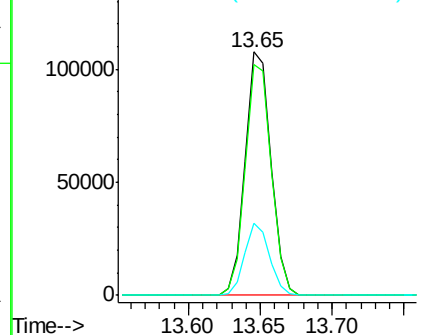
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.5	47.9	143.8	
145	28.6	14.4	43.2	

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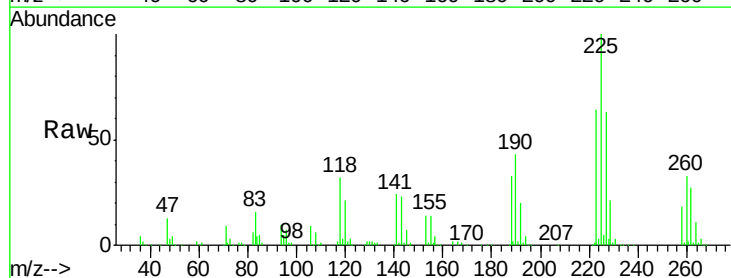


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

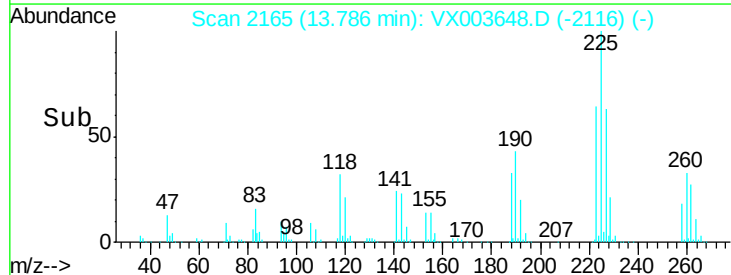
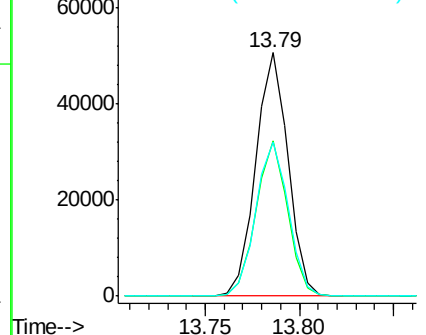


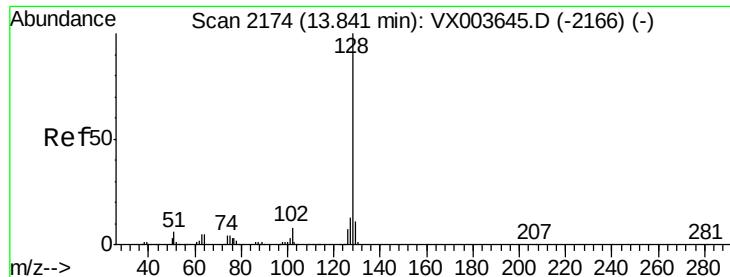
#94
Hexachlorobutadiene
Concen: 49.165 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.7	30.9	92.5	
227	63.9	31.9	95.7	



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





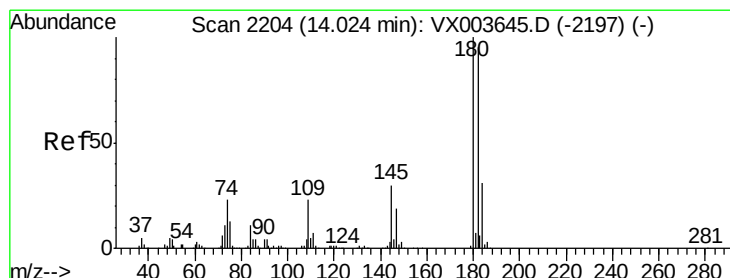
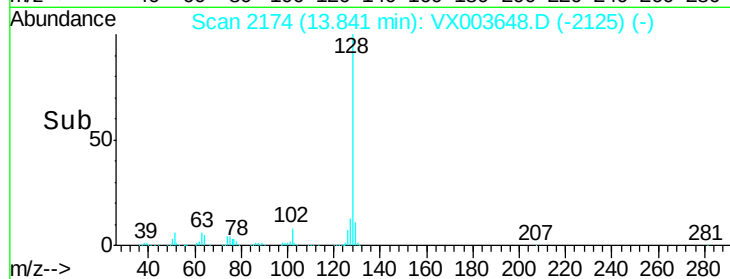
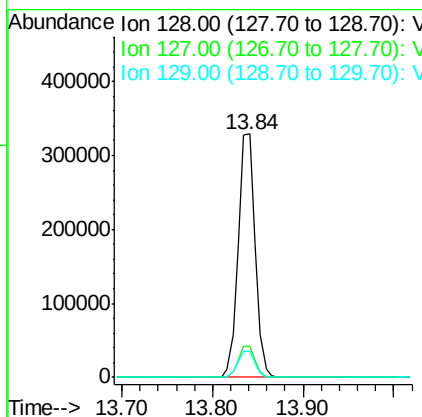
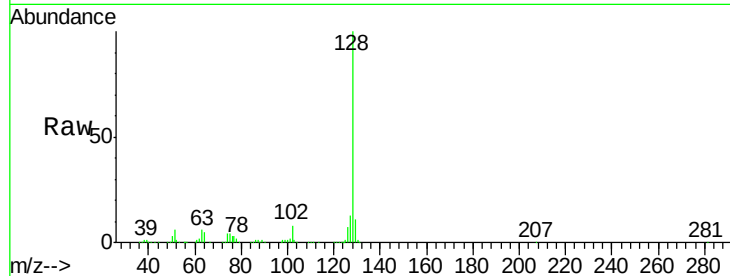
#95
Naphthalene
Concen: 53.180 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072418

Tot Ion	Ratio	Resp	Lower	Upper
128	100	424846		
127	12.8	10.4	15.6	
129	11.0	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
8/2/2018 11:54:18 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.032 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003648.D
Acq: 24 Jul 2018 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	136919		
182	95.9	47.6	142.8	
145	30.3	15.0	45.1	

