

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050518\
 Data File : VX001418.D
 Acq On : 05 May 2018 14:17
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

apatel
 5/8/2018 7:53:47 AM

Quant Time: May 06 08:02:10 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:39:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	278366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	362849	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	355238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	270770	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	543771	139.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	279.70%	
35) Dibromofluoromethane	5.51	113	462050	146.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	293.30%	
50) Toluene-d8	8.72	98	1685574	150.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.28%	
62) 4-Bromofluorobenzene	11.14	95	688895	153.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	306.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	579205	182.099	ug/l	99
3) Chloromethane	1.32	50	534145	170.796	ug/l	100
4) Vinyl Chloride	1.40	62	545473	166.702	ug/l	100
5) Bromomethane	1.64	94	251045	97.426	ug/l	99
7) Trichlorofluoromethane	1.92	101	808635	149.044	ug/l	100
8) Diethyl Ether	2.19	74	318678	167.523	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	474372	150.960	ug/l	100
10) Methyl Iodide	2.50	142	747134	215.940	ug/l	99
11) Tert butyl alcohol	3.11	59	622919	897.918	ug/l	99
12) 1,1-Dichloroethene	2.37	96	449738	158.278	ug/l	98
13) Acrolein	2.30	56	122832	360.989	ug/l	97
14) Allyl chloride	2.72	41	848248	169.187	ug/l	98
15) Acrylonitrile	3.16	53	1400197	877.725	ug/l	99
16) Acetone	2.46	43	1240175	746.486	ug/l	98
17) Carbon Disulfide	2.56	76	1254299	168.967	ug/l	99
18) Methyl Acetate	2.79	43	678924	169.755	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	1540041	159.000	ug/l	99
20) Methylene Chloride	2.85	84	492866	136.276	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	485720	156.721	ug/l	98
22) Diisopropyl ether	3.88	45	1604074	166.930	ug/l	99
23) Vinyl Acetate	3.83	43	6874893	845.203	ug/l	99
24) 1,1-Dichloroethane	3.70	63	857250	159.766	ug/l	100
25) 2-Butanone	4.73	43	1910138	836.974	ug/l	99
26) 2,2-Dichloropropane	4.59	77	723885	166.927	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	539765	159.028	ug/l	96
28) Bromochloromethane	5.03	49	348008	146.608	ug/l	100
29) Tetrahydrofuran	5.18	42	1244307	879.550	ug/l	100
30) Chloroform	5.22	83	902007	159.755	ug/l	99
31) Cyclohexane	5.57	56	774564	160.581	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	830597	168.279	ug/l	99
36) 1,1-Dichloropropene	5.80	75	680868	159.137	ug/l	99
37) Ethyl Acetate	4.88	43	751156	171.846	ug/l	100
38) Carbon Tetrachloride	5.79	117	764898	169.933	ug/l	99
39) Methylcyclohexane	7.46	83	838888	165.704	ug/l	98

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 ClientSampleID :
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Manual Integrations
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Quant Time: May 06 08:02:10 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:39:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.15	78	1984912	161.022	ug/l	99
41) Methacrylonitrile	5.07	41	429519	169.127	ug/l	99
42) 1,2-Dichloroethane	6.20	62	737619	154.398	ug/l	100
43) Isopropyl Acetate	6.48	43	1233721	176.021	ug/l	99
44) Trichloroethene	7.22	130	610296	161.810	ug/l	100
45) 1,2-Dichloropropane	7.52	63	497140	158.355	ug/l	99
46) Dibromomethane	7.67	93	347577	157.223	ug/l	98
47) Bromodichloromethane	7.90	83	707451	177.774	ug/l	99
48) Methyl methacrylate	7.79	41	667666	177.932	ug/l	99
49) 1,4-Dioxane	7.77	88	276280	3811.385	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	4035848	890.299	ug/l	98
52) Toluene	8.79	92	1319220	163.642	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	843878	179.009	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	801262	185.503	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	531115	163.965	ug/l	98
56) Ethyl methacrylate	9.19	69	861411	190.057	ug/l	97
57) 1,3-Dichloropropane	9.38	76	869654	165.641	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	2044689	928.381	ug/l	100
59) 2-Hexanone	9.51	43	3174704	898.873	ug/l	98
60) Dibromochloromethane	9.59	129	622639	183.379	ug/l	99
61) 1,2-Dibromoethane	9.68	107	571389	166.041	ug/l	99
64) Tetrachloroethene	9.34	164	673429	154.629	ug/l	99
65) Chlorobenzene	10.15	112	1550304	157.848	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	590286	172.615	ug/l	100
67) Ethyl Benzene	10.26	91	2578047	159.570	ug/l	100
68) m/p-Xylenes	10.37	106	2084018	327.199	ug/l	97
69) o-Xylene	10.71	106	1024408	165.316	ug/l	100
70) Stvrene	10.72	104	1736010	171.401	ug/l	99
71) Bromoform	10.87	173	576632	199.743	ug/l	100
73) Isopropylbenzene	11.02	105	2722100	148.728	ug/l	99
74) N-amyl acetate	6.48	43	1233721	156.552	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	844043	155.187	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	798210m	157.765	ug/l	
77) Bromobenzene	11.26	156	792654	150.858	ug/l	99
78) n-propylbenzene	11.37	91	3006211	148.336	ug/l	99
79) 2-Chlorotoluene	11.43	91	1804428	147.321	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	2317317	151.573	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	280746	211.969	ug/l	94
82) 4-Chlorotoluene	11.52	91	2154694	147.073	ug/l	99
83) tert-Butylbenzene	11.77	119	2388928	156.729	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	2391644	152.437	ug/l	99
85) sec-Butylbenzene	11.95	105	2782190	152.240	ug/l	99
86) p-Isopropyltoluene	12.07	119	2611645	155.534	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	1449468	147.596	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	1468243	145.579	ug/l	100
89) n-Butylbenzene	12.40	91	2253709	155.117	ug/l	98
90) Hexachloroethane	12.60	117	447020	183.732	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	1468049	150.218	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	203214	182.725	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	1167654	149.430	ug/l	100

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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5/8/2018 7:53:47 AM

Quant Time: May 06 08:02:10 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:39:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	616006	150.210	ug/l	100
95) Naphthalene	13.84	128	3184373	159.238	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	1158508	150.398	ug/l	100

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

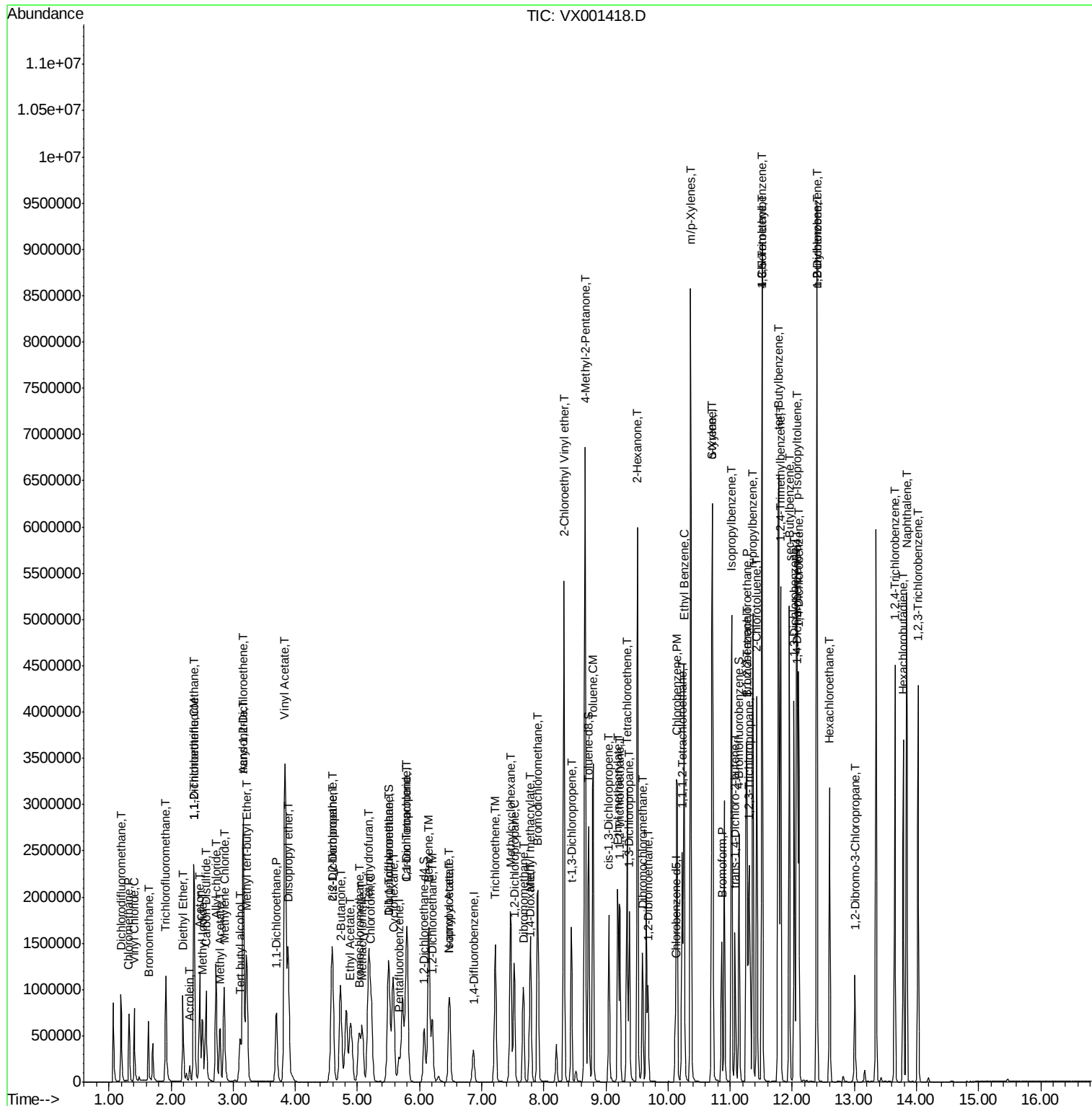
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050518\
Data File : VX001418.D
Acq On : 05 May 2018 14:17
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

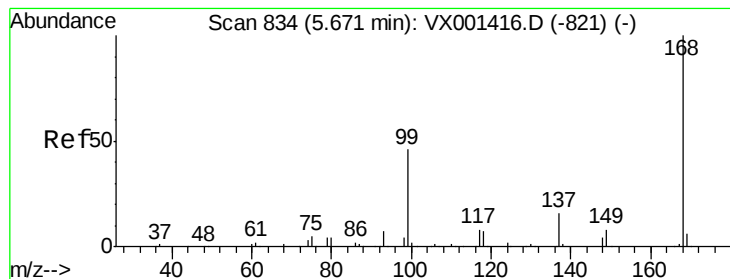
Instrument :
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ClientSampleId :
VSTDICC150

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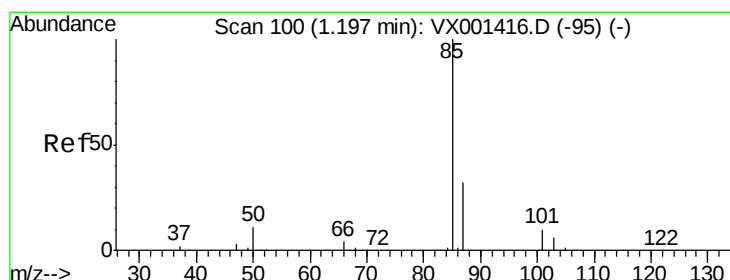
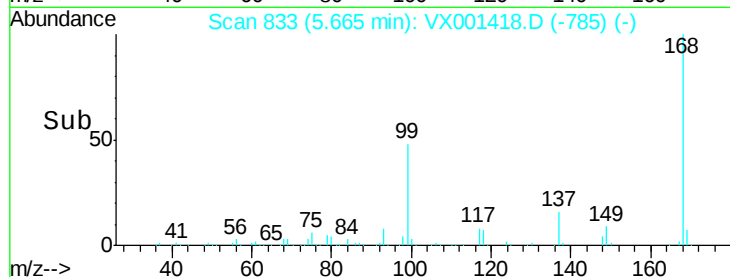
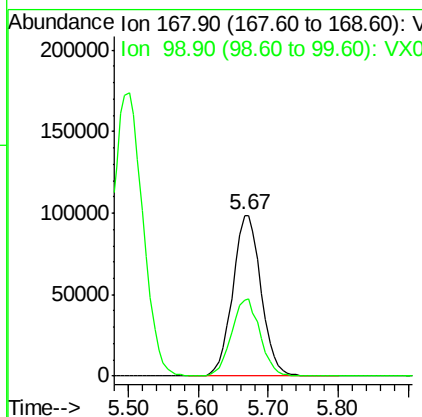
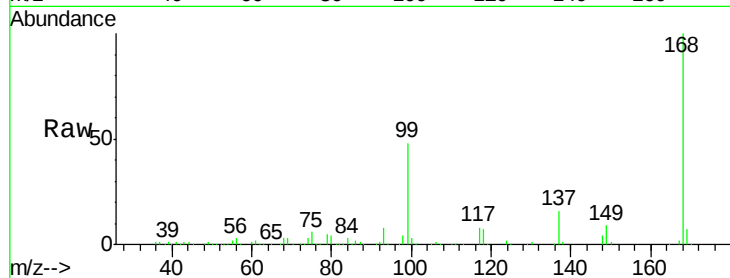
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.01 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.4	36.6	54.8

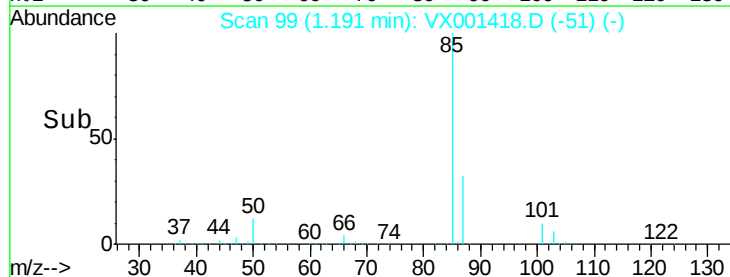
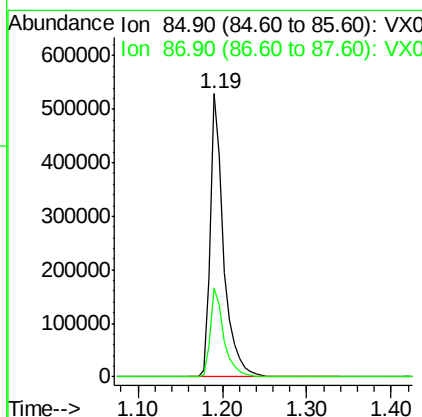
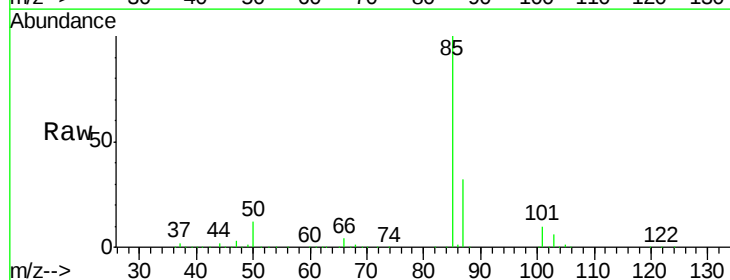
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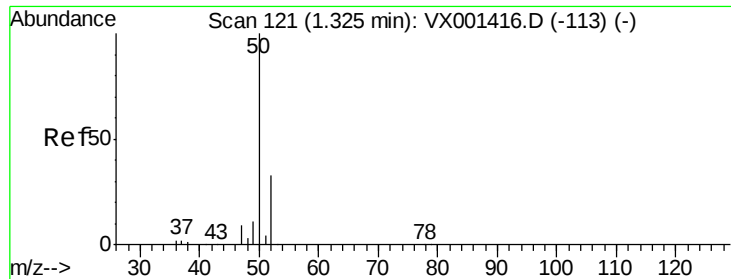
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#2
Dichlorodifluoromethane
Concen: 182.099 ug/l
RT: 1.19 min Scan# 99
Delta R.T. -0.01 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.6	16.2	48.6





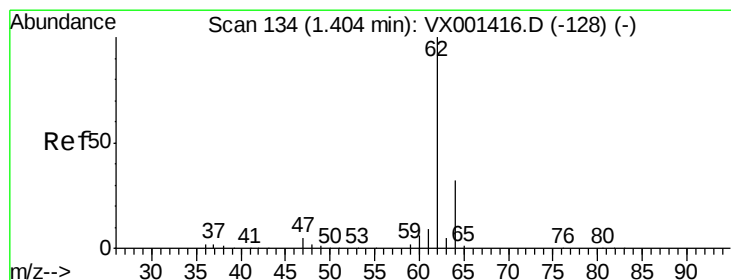
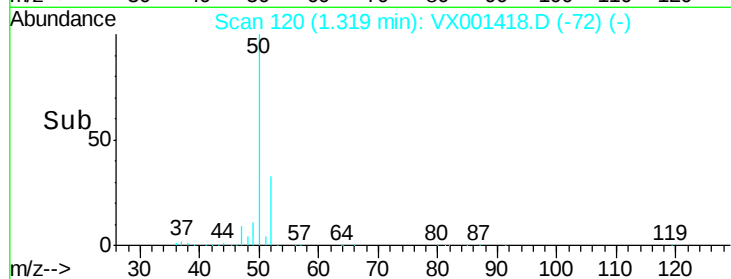
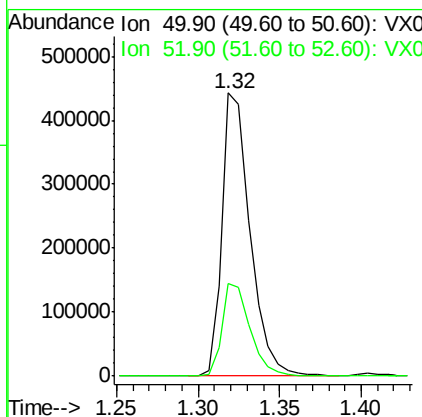
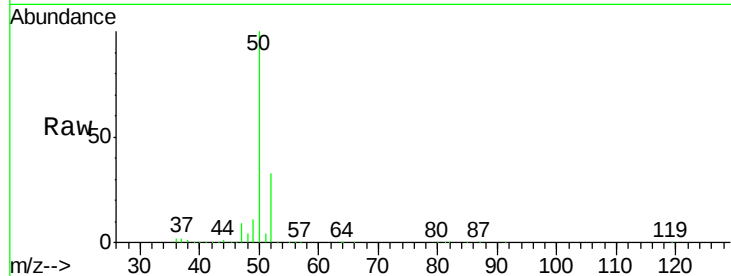
#3
Chloromethane
Concen: 170.796 ug/l
RT: 1.32 min Scan# 120
Delta R.T. -0.01 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.6	26.2	39.4

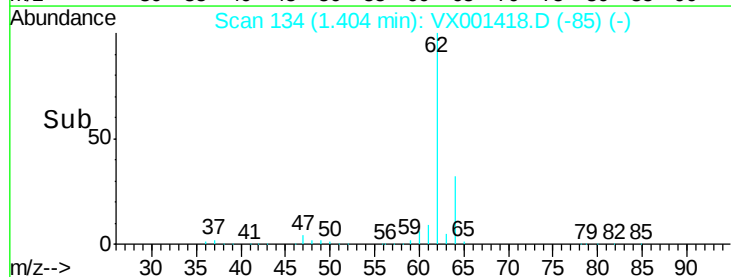
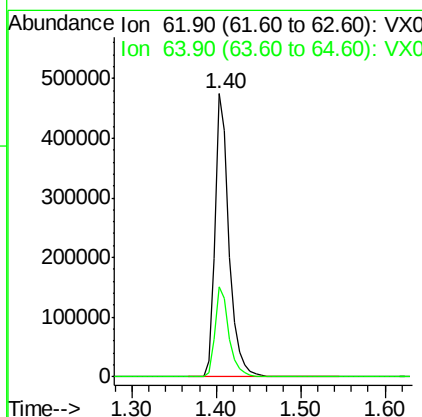
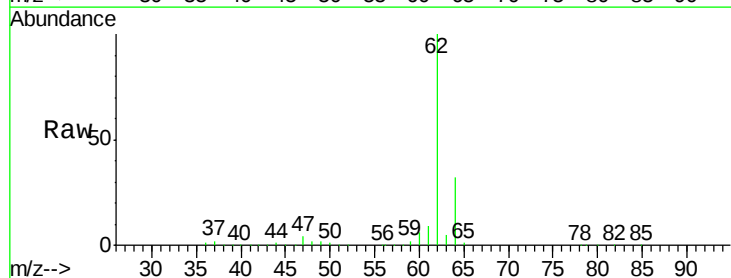
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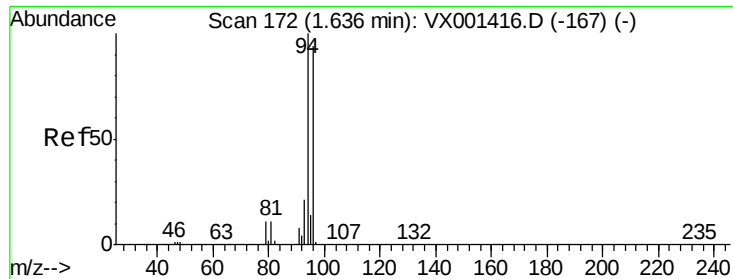
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#4
Vinyl Chloride
Concen: 166.702 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.0	25.8	38.6





#5

Bromomethane

Concen: 97.426 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 251045

Ion Ratio Lower Upper

94 100

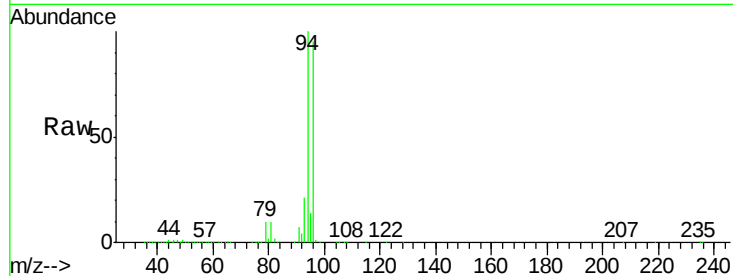
96 95.1 75.0 112.6

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Abundance Ion 93.90 (93.60 to 94.60): VX001418.D (-167) (-)

Ion 95.90 (95.60 to 96.60): VX001418.D (-167) (-)

1.64

250000

200000

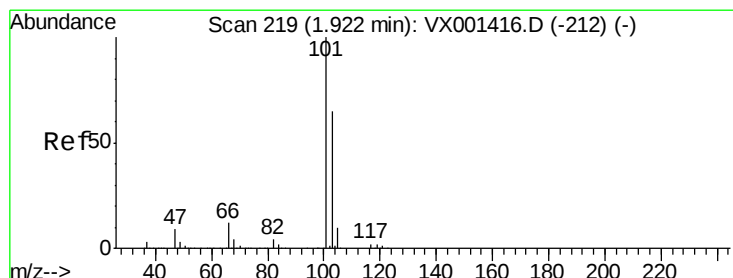
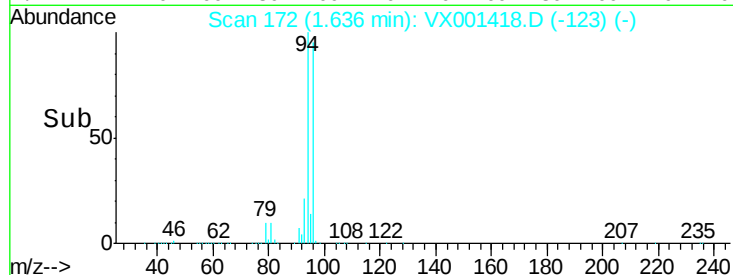
150000

100000

50000

0

Time-->



#7

Trichlorofluoromethane

Concen: 149.044 ug/l

RT: 1.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX001418.D

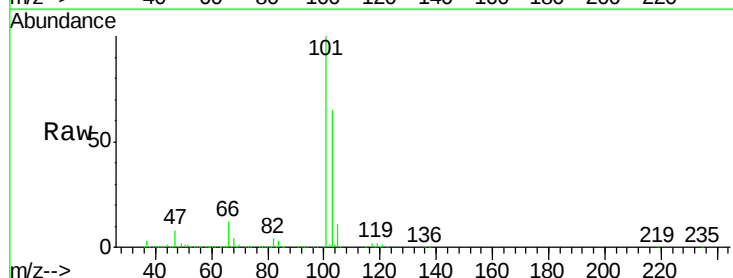
Acq: 05 May 2018 14:17

Tgt Ion: 101 Resp: 808635

Ion Ratio Lower Upper

101 100

103 65.2 52.0 78.0



Abundance Ion 100.90 (100.60 to 101.60): VX001418.D (-212) (-)

Ion 102.80 (102.50 to 103.50): VX001418.D (-212) (-)

1.92

600000

500000

400000

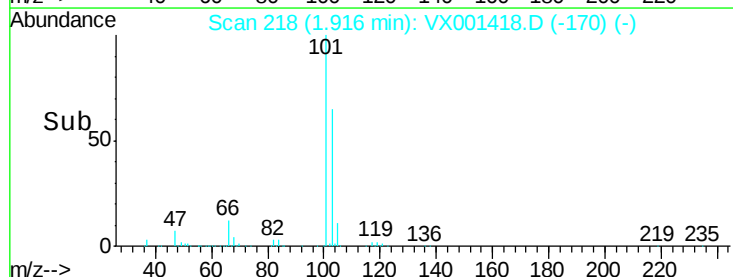
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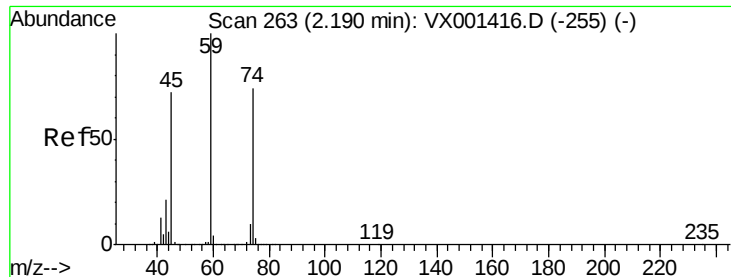
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100000

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Time-->





#8

Diethyl Ether

Concen: 167.523 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 74 Resp: 318678

Ion Ratio Lower Upper

74 100

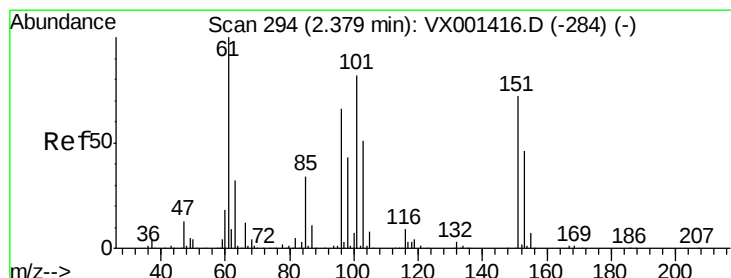
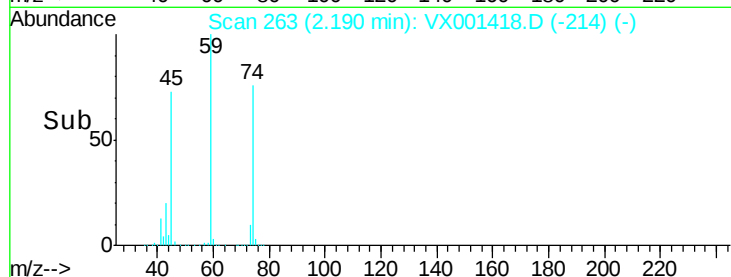
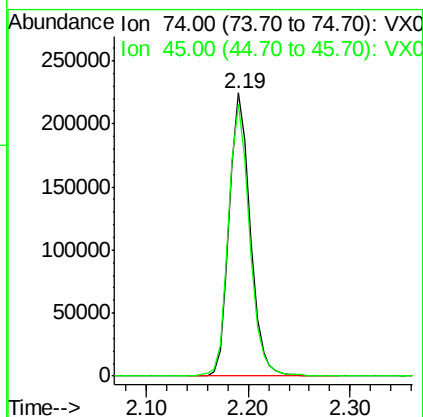
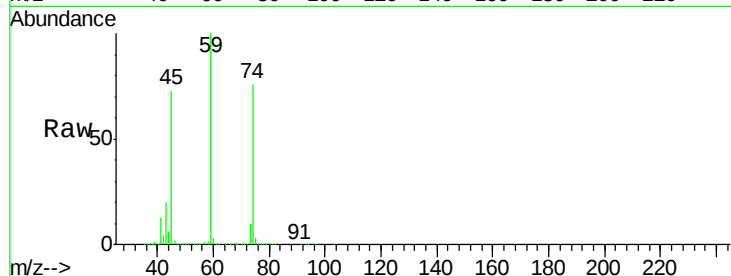
45 97.0 47.9 143.6

Manual Integrations

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 150.960 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

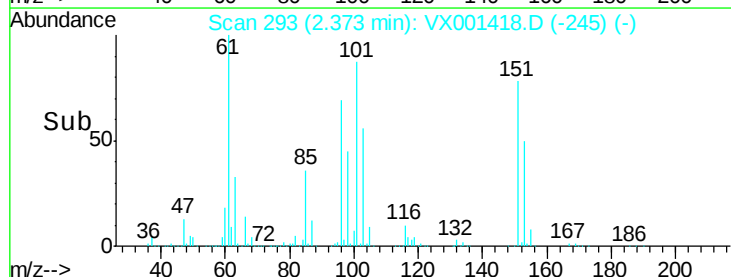
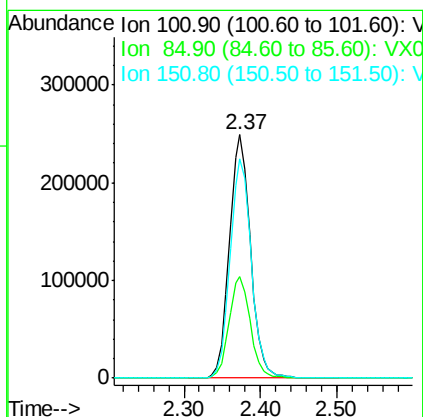
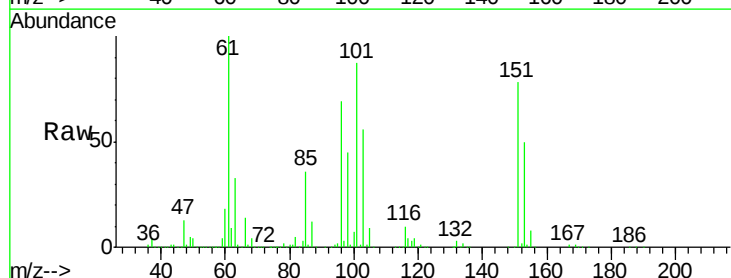
Tgt Ion: 101 Resp: 474372

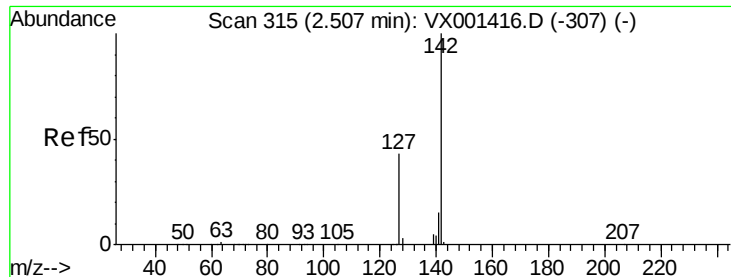
Ion Ratio Lower Upper

101 100

85 42.0 33.7 50.5

151 90.8 72.3 108.5





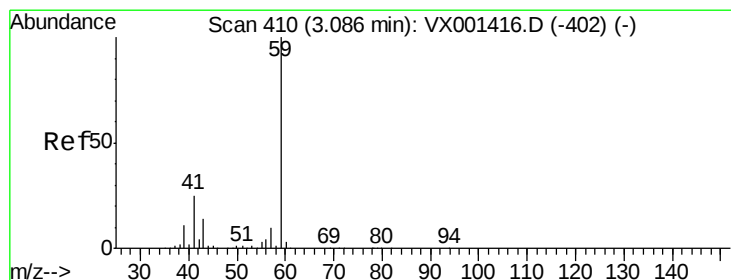
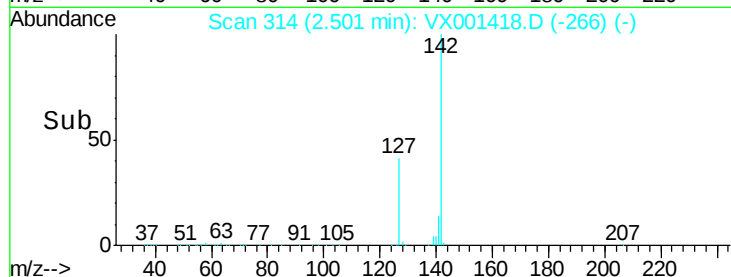
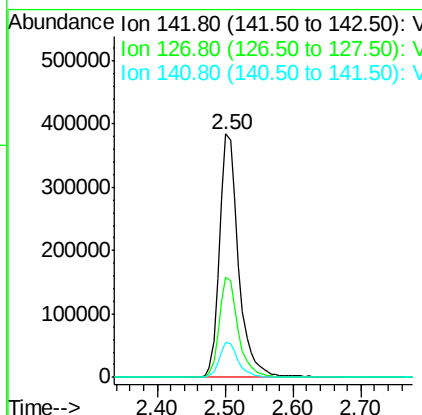
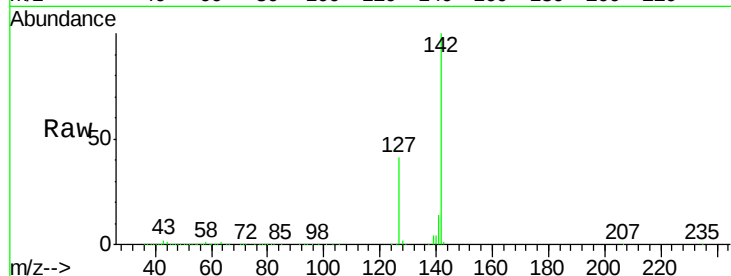
#10
Methvl Iodide
Concen: 215.940 ug/l
RT: 2.50 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
142	100		
127	41.0	33.6	50.4
141	14.3	11.4	17.2

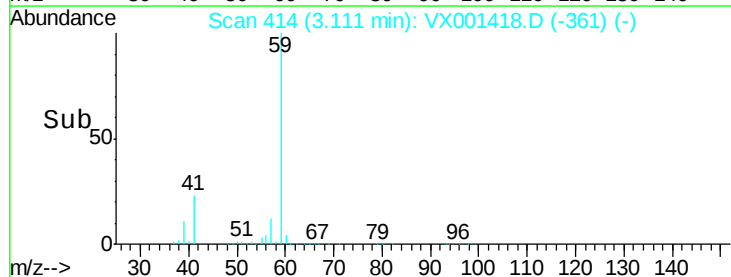
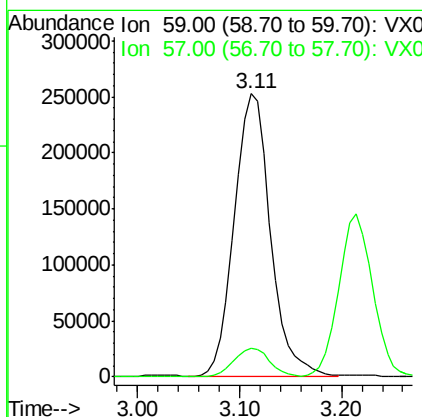
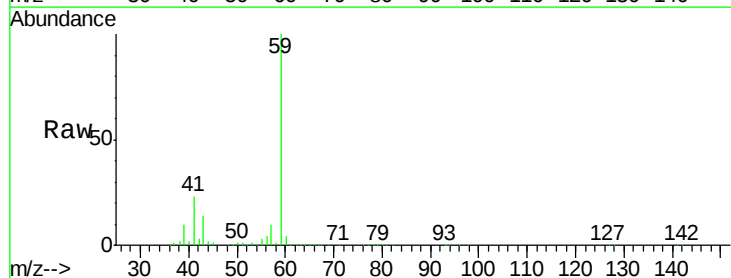
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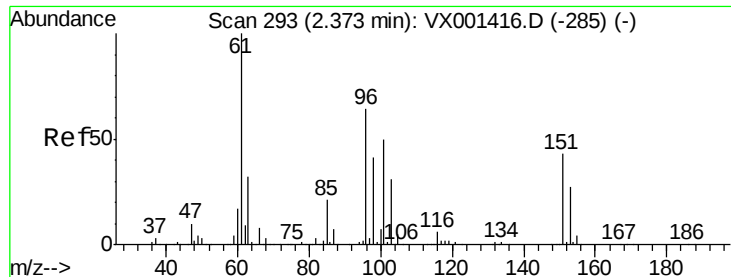
apatel
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#11
Tert butyl alcohol
Concen: 897.918 ug/l
RT: 3.11 min Scan# 414
Delta R.T. 0.02 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.4





#12

1,1-Dichloroethene

Concen: 158.278 ug/l

RT: 2.37 min Scan# 292

Delta R.T. -0.01 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 96 Resp: 449738

Ion Ratio Lower Upper

96 100

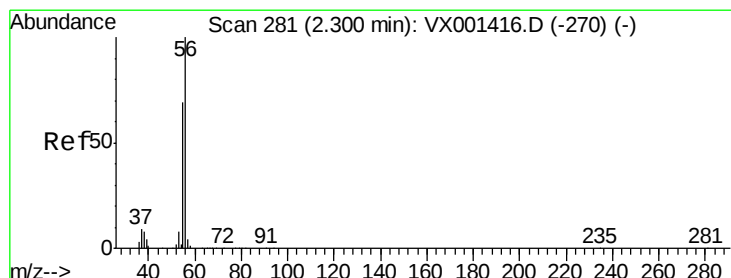
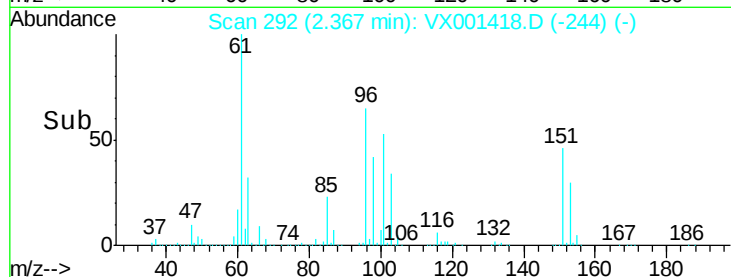
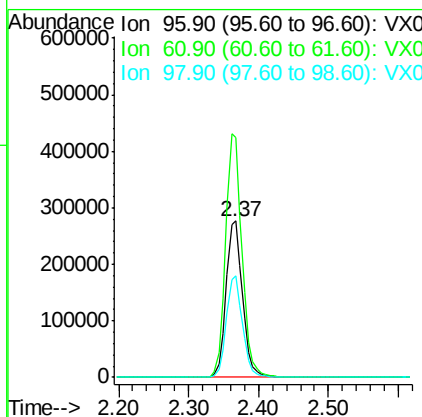
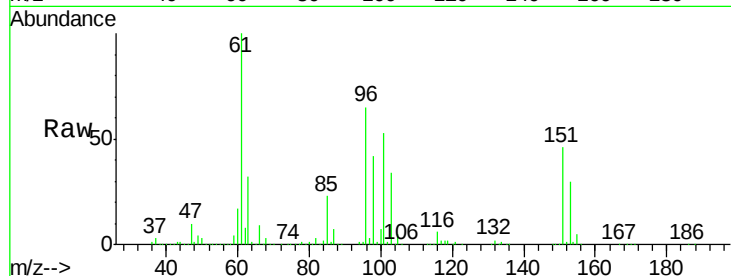
61 153.8 125.7 188.5

98 64.9 52.0 78.0

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#13

Acrolein

Concen: 360.989 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001418.D

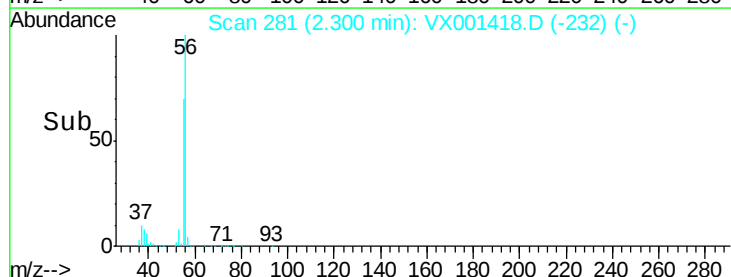
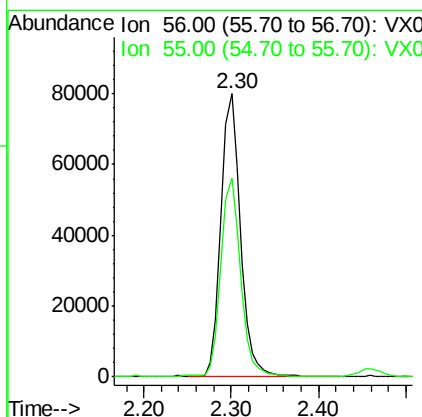
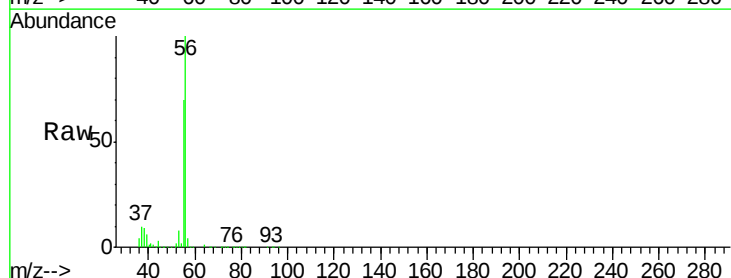
Acq: 05 May 2018 14:17

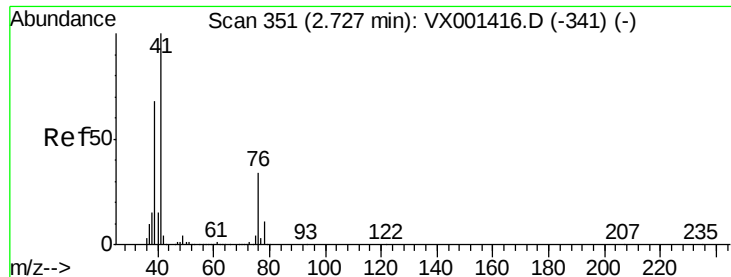
Tgt Ion: 56 Resp: 122832

Ion Ratio Lower Upper

56 100

55 70.2 54.5 81.7





#14

Allvl chloride

Concen: 169.187 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

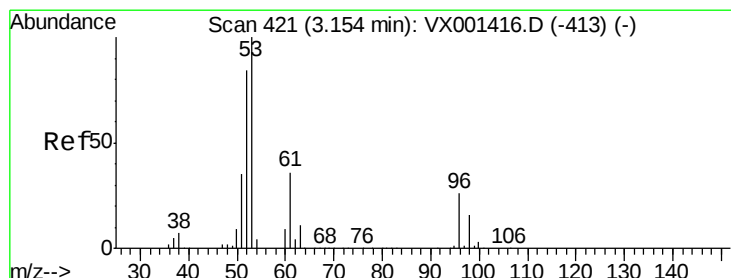
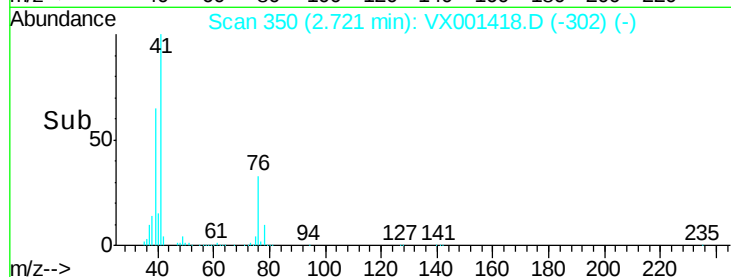
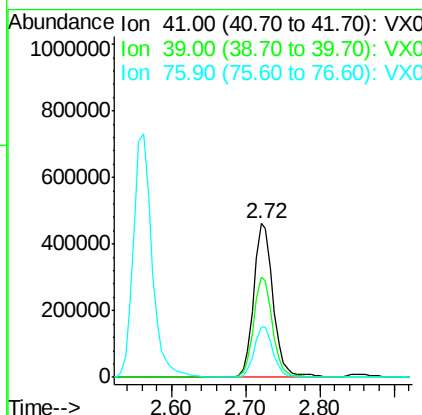
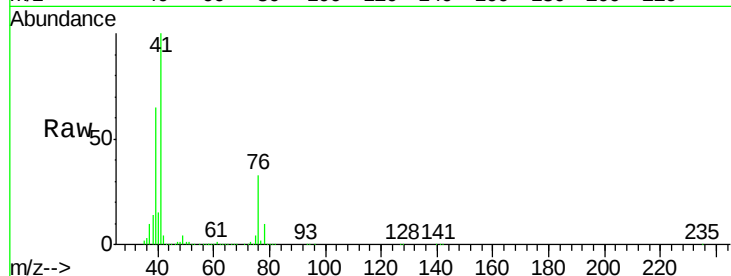
ClientSampleId :

VSTDIC150

Tot Ion:	41	Resp:	848248
Ion Ratio	Lower	Upper	
41	100		
39	63.3	52.4	78.6
76	32.2	25.8	38.6

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#15

Acrylonitrile

Concen: 877.725 ug/l

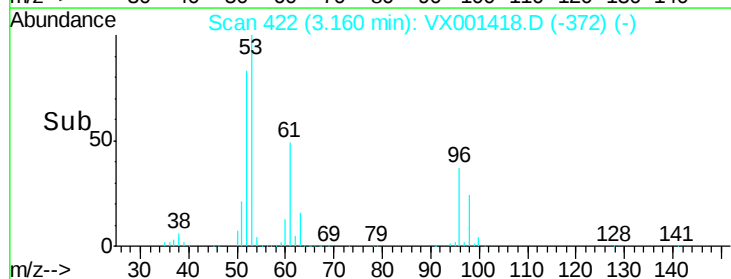
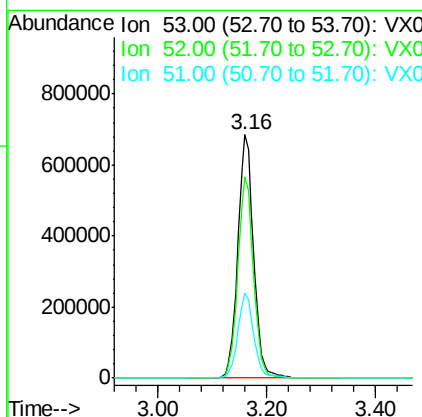
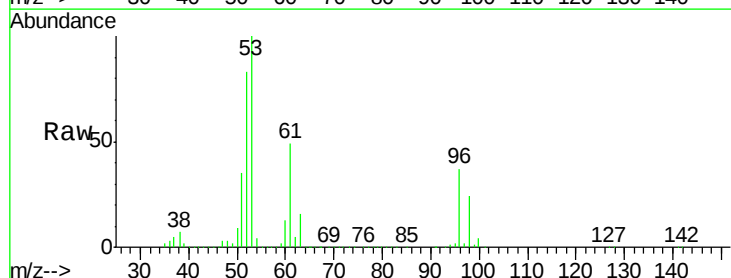
RT: 3.16 min Scan# 422

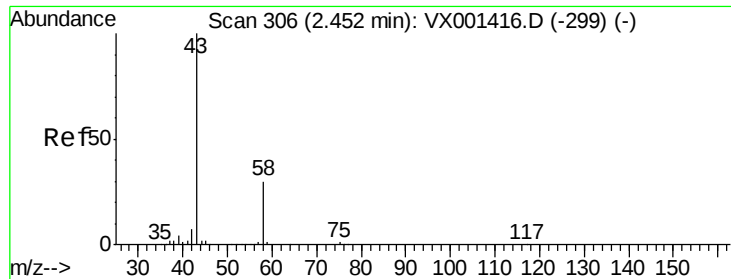
Delta R.T. 0.01 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Tgt Ion:	53	Resp:	1400197
Ion Ratio	Lower	Upper	
53	100		
52	81.8	66.2	99.2
51	35.7	28.6	43.0





#16

Acetone

Concen: 746.486 ug/l

RT: 2.46 min Scan# 307

Delta R.T. 0.01 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion: 43 Resp: 1240175

Ion Ratio Lower Upper

43 100

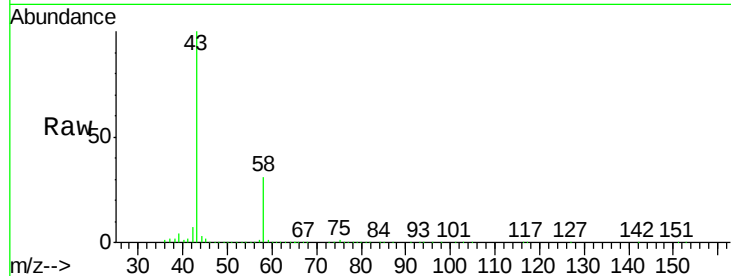
58 31.1 23.8 35.8

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.46

800000

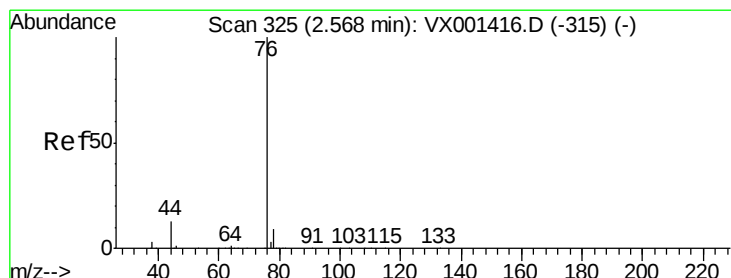
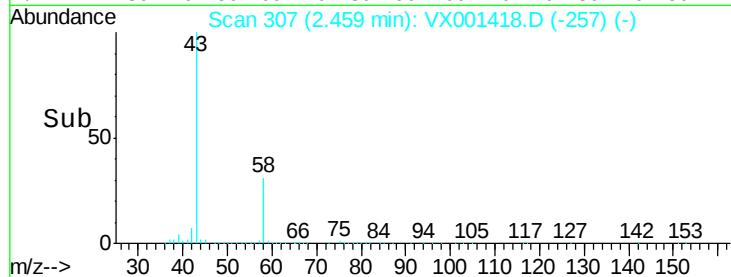
600000

400000

200000

0

Time--> 2.35 2.40 2.45 2.50 2.55



#17

Carbon Disulfide

Concen: 168.967 ug/l

RT: 2.56 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX001418.D

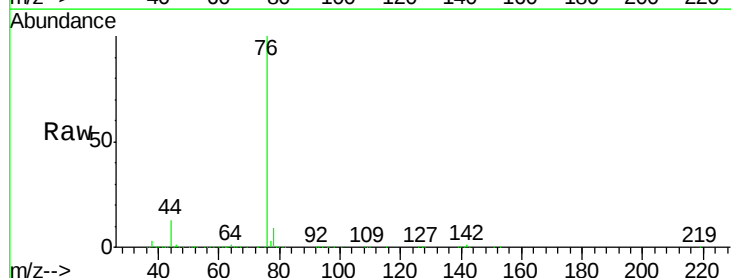
Acq: 05 May 2018 14:17

Tgt Ion: 76 Resp: 1254299

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

800000

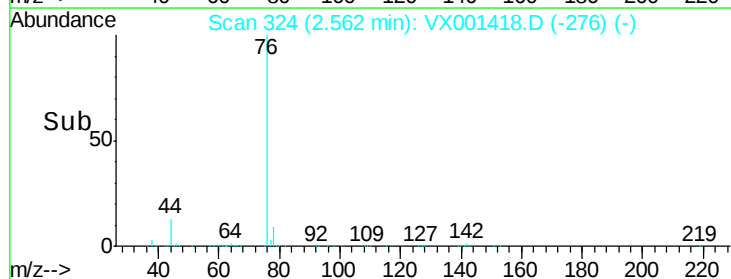
600000

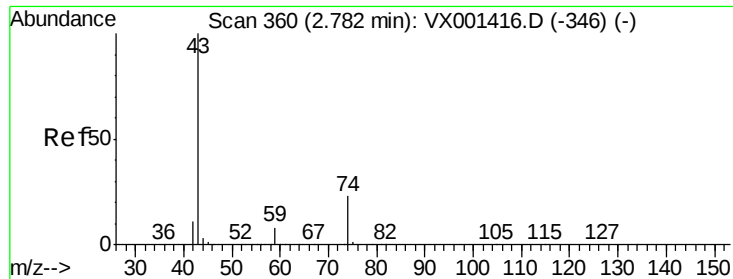
400000

200000

0

Time--> 2.50 2.60 2.70





#18

Methyl Acetate

Concen: 169.755 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.01 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 678924

Ion Ratio Lower Upper

43 100

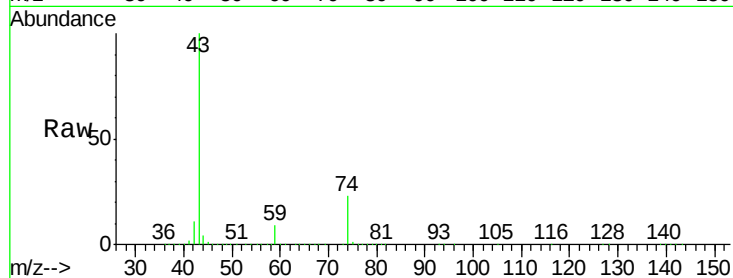
74 23.4 18.6 27.8

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.79

400000

300000

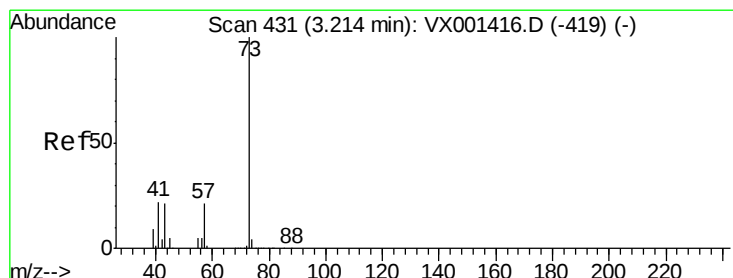
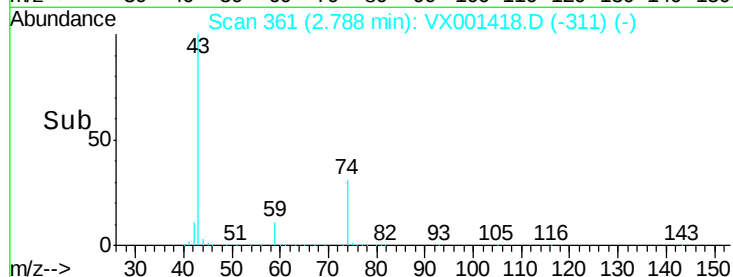
200000

100000

0

2.70 2.75 2.80 2.85 2.90

Time-->



#19

Methyl tert-butyl Ether

Concen: 159.000 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.00 min

Lab File: VX001418.D

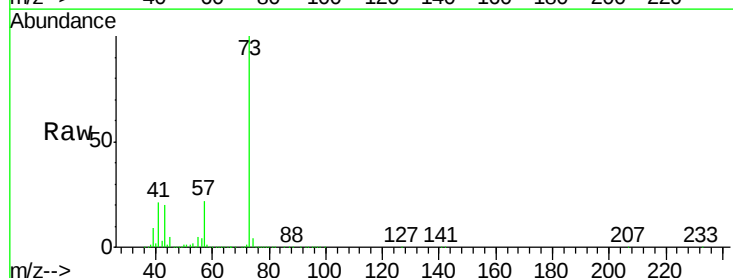
Acq: 05 May 2018 14:17

Tgt Ion: 73 Resp: 1540041

Ion Ratio Lower Upper

73 100

57 22.0 17.0 25.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

600000

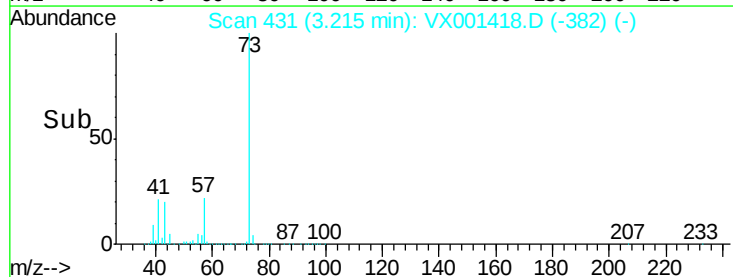
400000

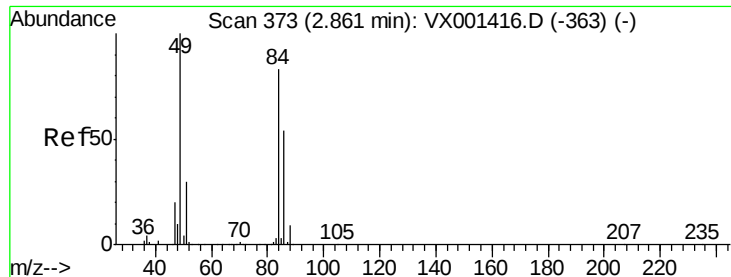
200000

0

3.10 3.20 3.30 3.40

Time-->





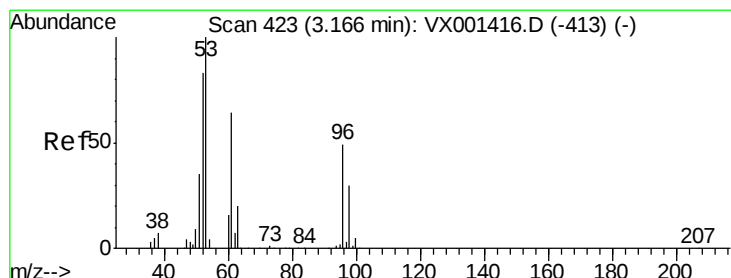
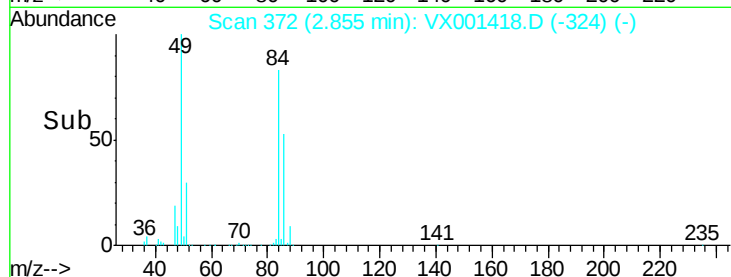
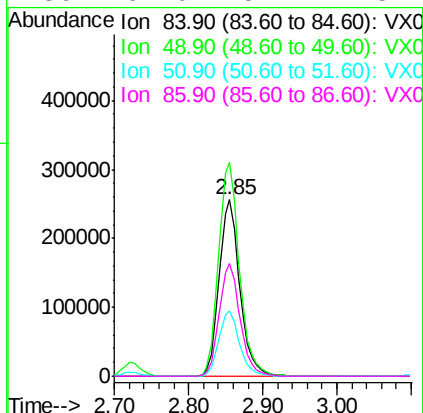
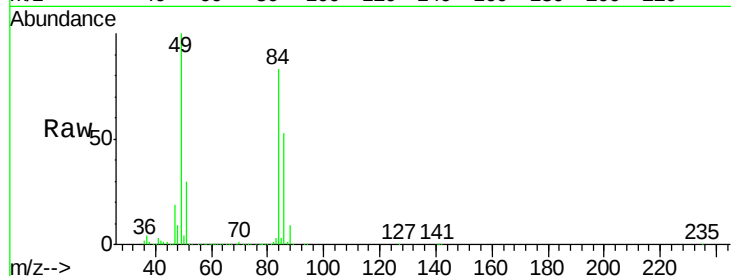
#20
Methvlene Chloride
Concen: 136.276 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:	84	Resp:	492866
Ion	Ratio	Lower	Upper
84	100		
49	121.1	96.6	144.8
51	36.8	29.0	43.4
86	64.0	52.2	78.4

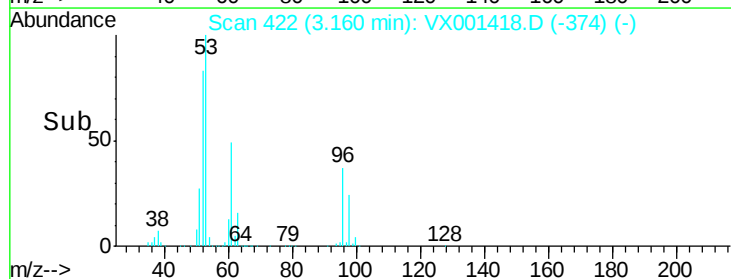
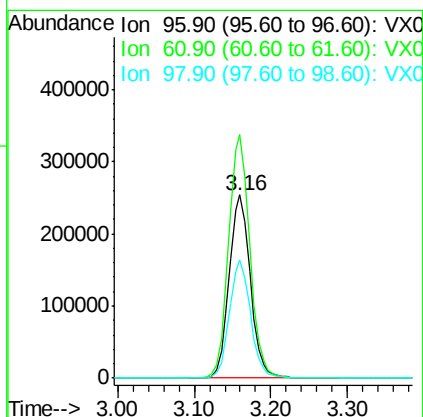
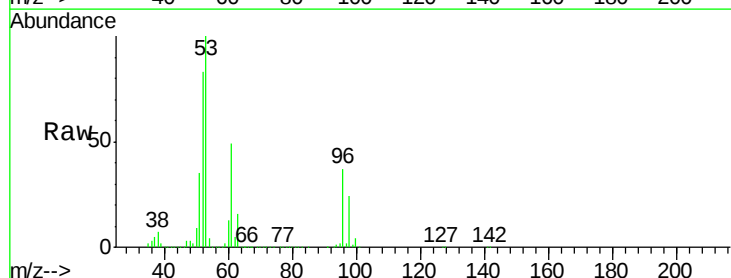
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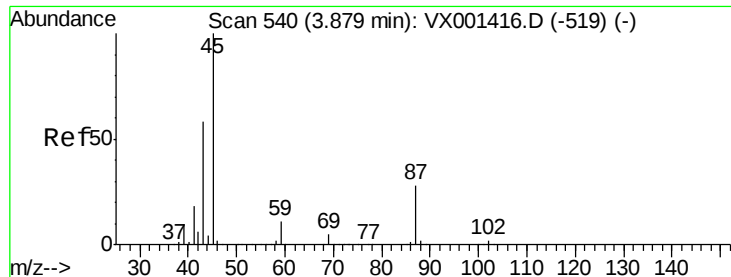
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#21
trans-1,2-Dichloroethene
Concen: 156.721 ug/l
RT: 3.16 min Scan# 422
Delta R.T. -0.01 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Tgt Ion:	96	Resp:	485720
Ion	Ratio	Lower	Upper
96	100		
61	132.7	105.0	157.4
98	64.4	49.9	74.9





#22

Diisopropyl ether

Concen: 166.930 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 45 Resp: 1604074

Ion Ratio Lower Upper

45 100

43 57.1 46.5 69.7

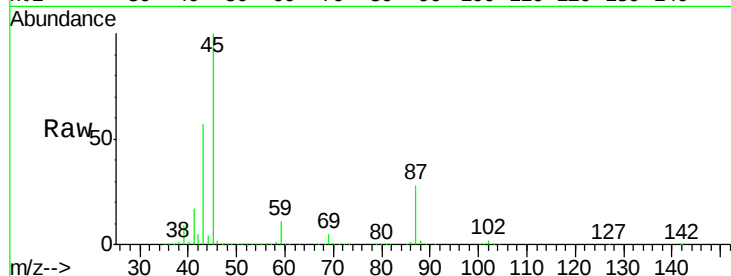
87 28.2 22.6 34.0

59 11.4 9.1 13.7

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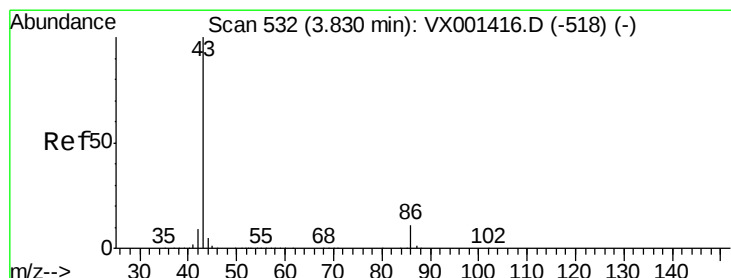
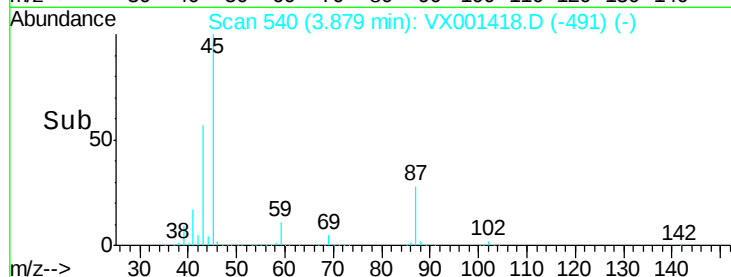
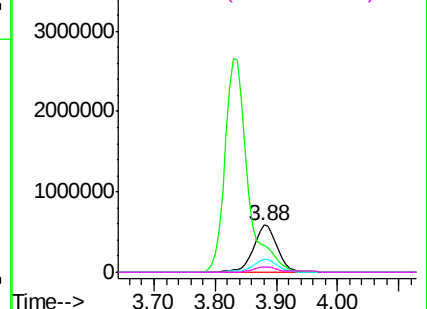
Abundance

Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0



#23

Vinyl Acetate

Concen: 845.203 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001418.D

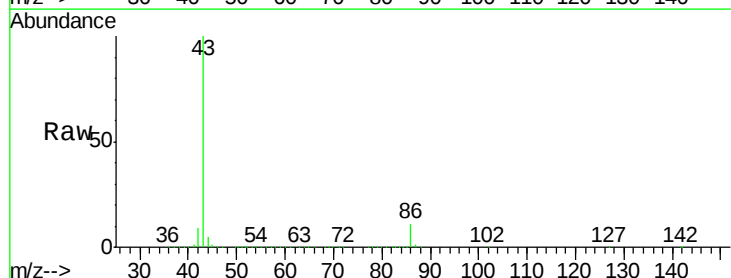
Acq: 05 May 2018 14:17

Tgt Ion: 43 Resp: 6874893

Ion Ratio Lower Upper

43 100

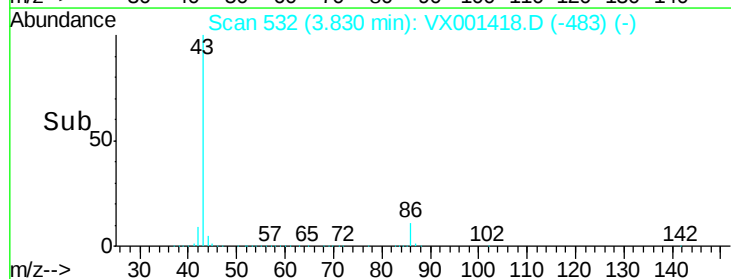
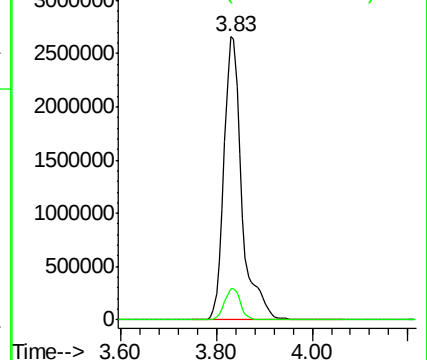
86 11.2 8.6 13.0

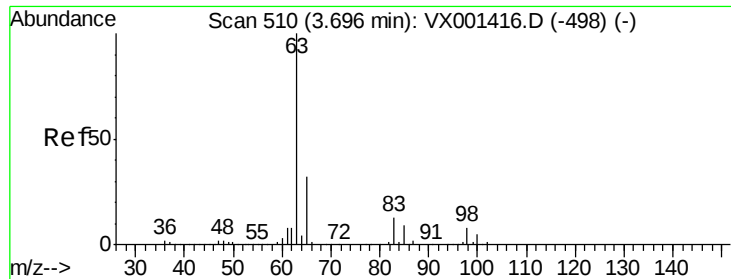


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#24

1,1-Dichloroethane

Concen: 159.766 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

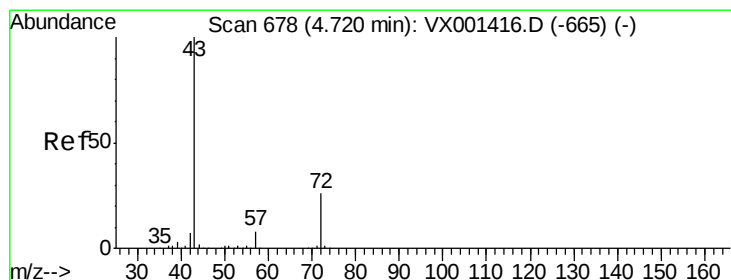
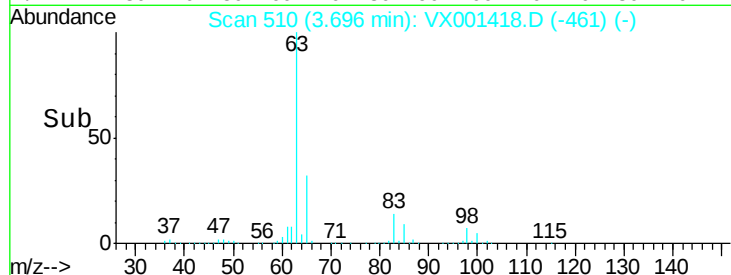
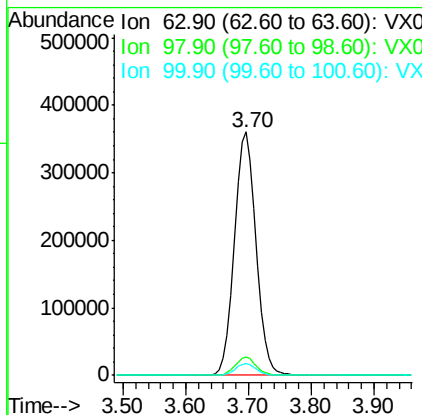
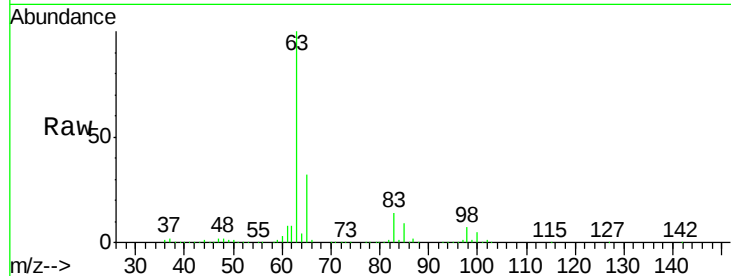
ClientSampleId :

VSTDIC150

Tot Ion:	63	Resp:	857250
Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.8	11.4
100	4.7	2.4	7.1

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#25

2-Butanone

Concen: 836.974 ug/l

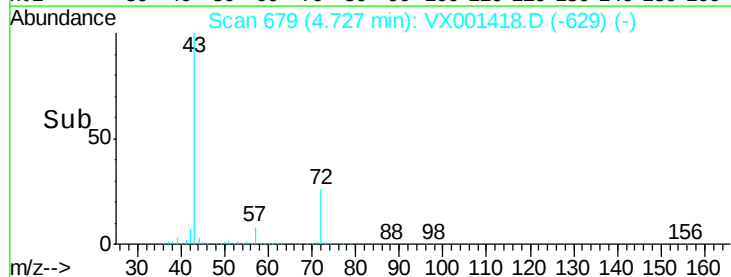
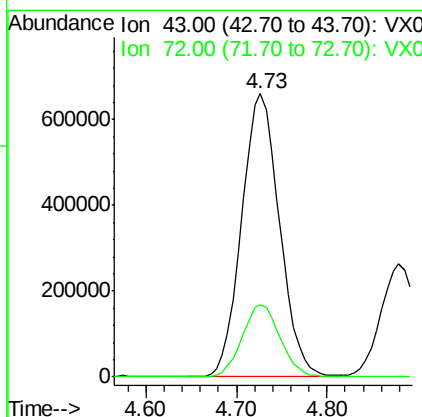
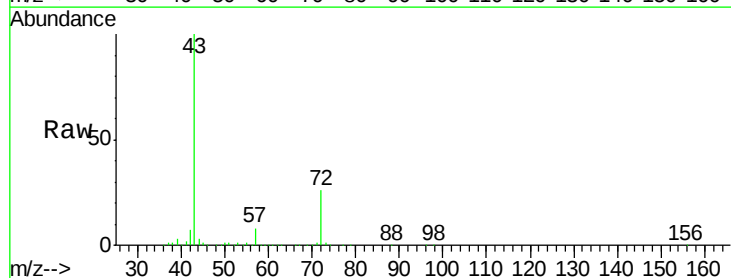
RT: 4.73 min Scan# 679

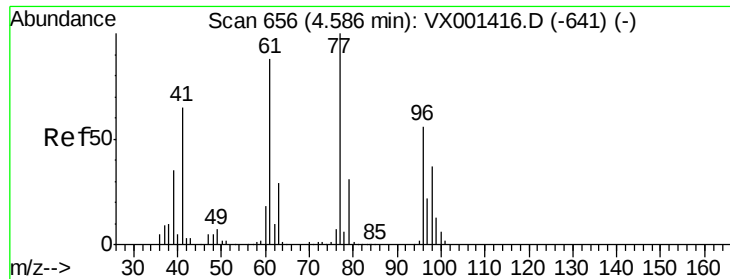
Delta R.T. 0.01 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Tgt Ion:	43	Resp:	1910138
Ion	Ratio	Lower	Upper
43	100		
72	25.5	20.7	31.1





#26

2,2-Dichloropropane

Concen: 166.927 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 77 Resp: 723885

Ion Ratio Lower Upper

77 100

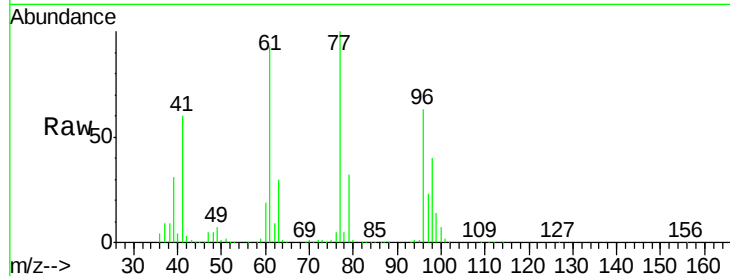
97 22.8 11.2 33.6

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Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

250000

200000

150000

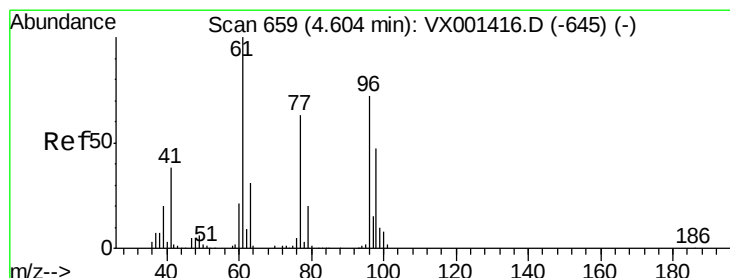
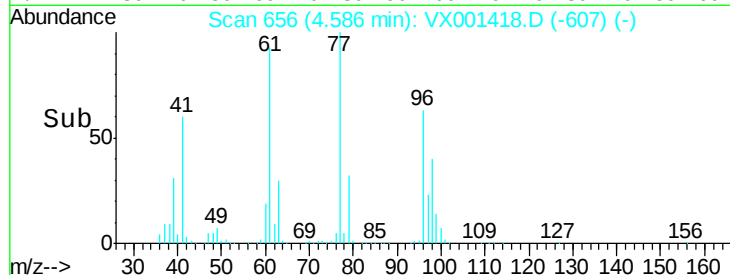
100000

50000

0

4.40 4.50 4.60 4.70

Time-->



#27

cis-1,2-Dichloroethene

Concen: 159.028 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

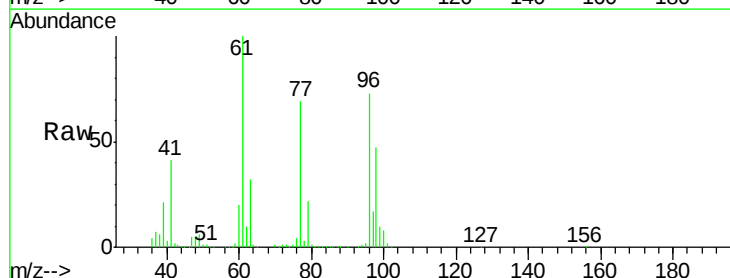
Tgt Ion: 96 Resp: 539765

Ion Ratio Lower Upper

96 100

61 143.9 0.0 301.6

98 64.7 0.0 131.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

300000

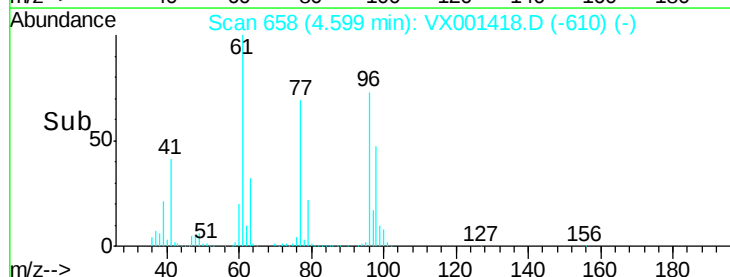
200000

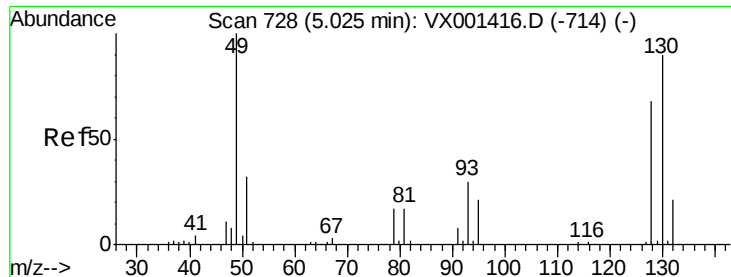
100000

0

4.50 4.60 4.70 4.80

Time-->





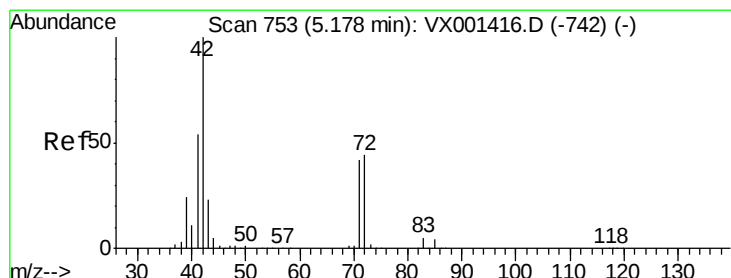
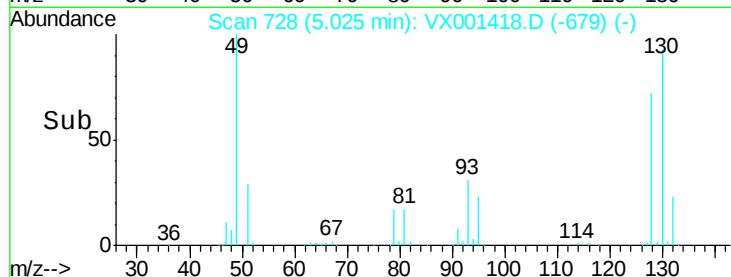
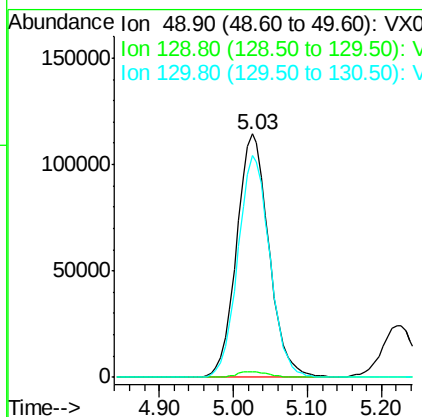
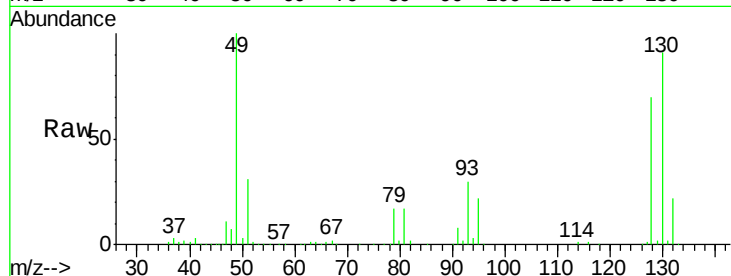
#28
Bromochloromethane
Concen: 146.608 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	89.7	71.9	107.9

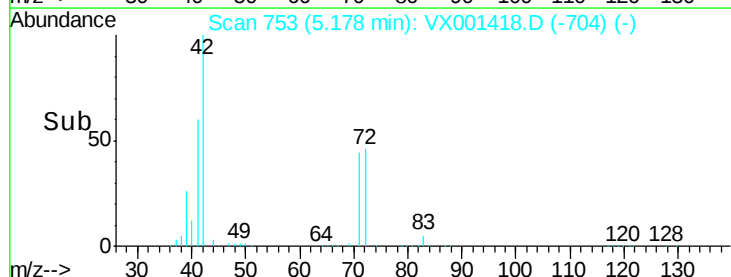
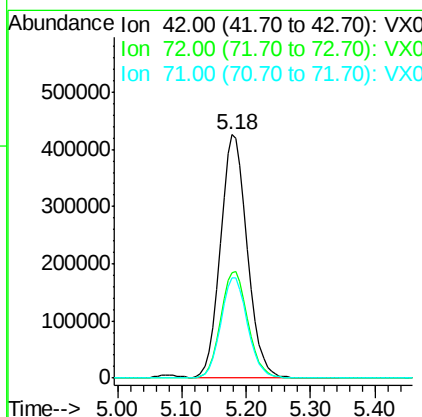
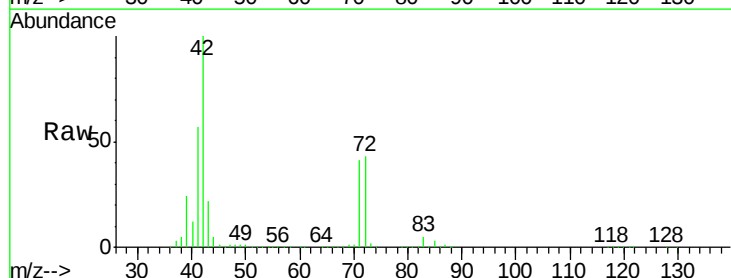
Manual Integrations
APPROVED

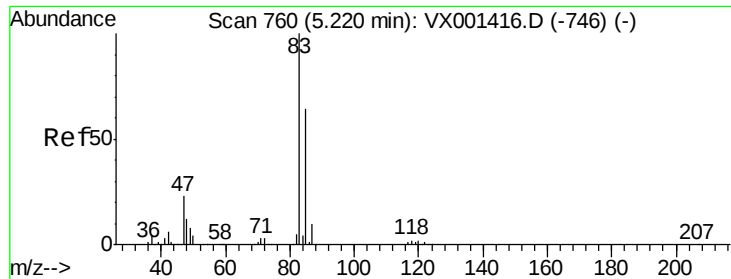
apatel
5/8/2018 7:53:47 AM



#29
Tetrahydrofuran
Concen: 879.550 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.7	35.4	53.2
71	41.4	33.0	49.4





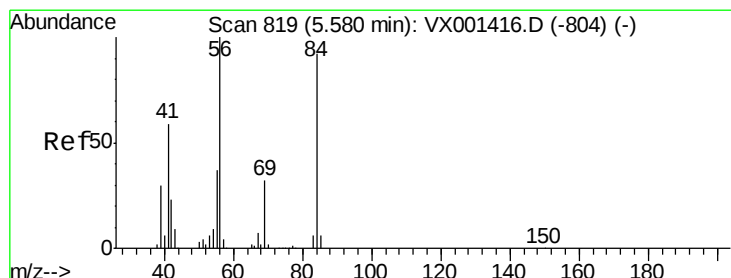
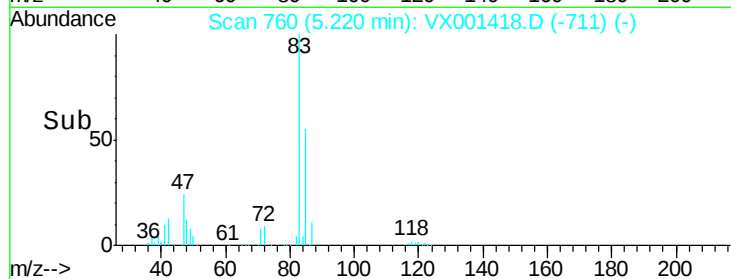
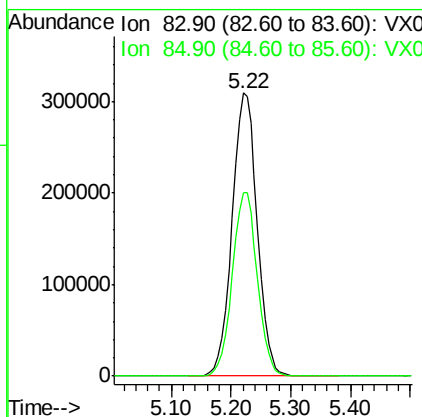
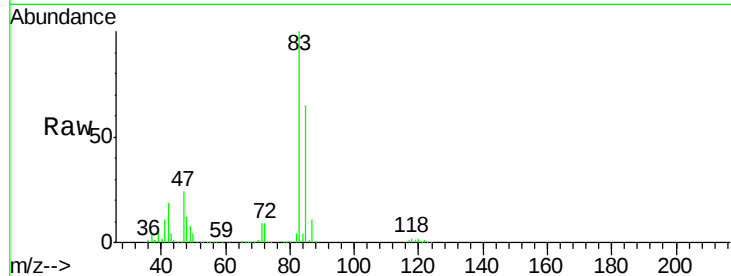
#30
Chloroform
Concen: 159.755 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
83	100	902007		
85	64.8	51.0	76.4	

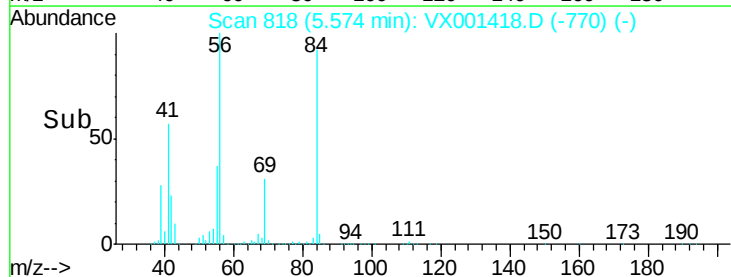
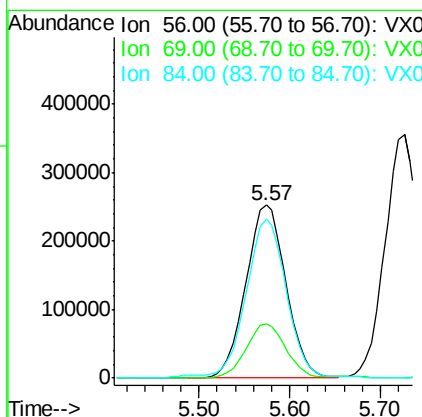
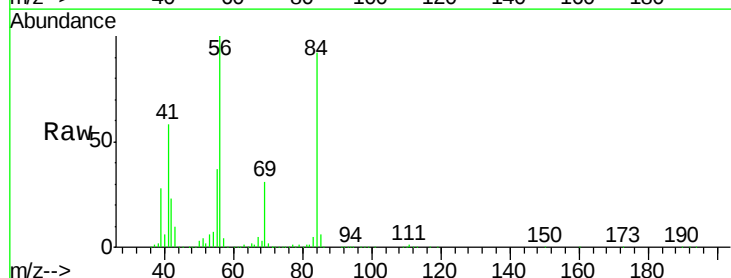
Manual Integrations
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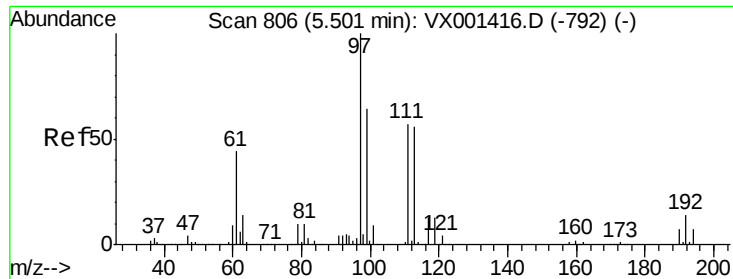
apatel
5/8/2018 7:53:47 AM



#31
Cyclohexane
Concen: 160.581 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
56	100	774564		
69	31.5	25.4	38.0	
84	91.4	73.8	110.8	





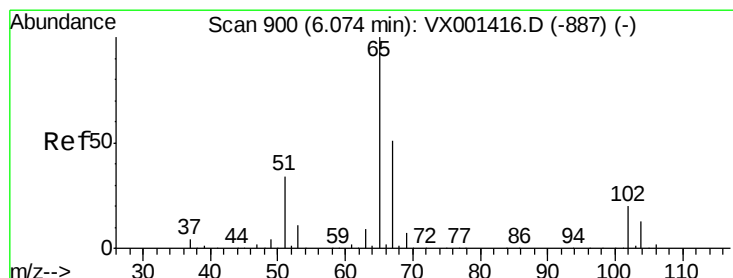
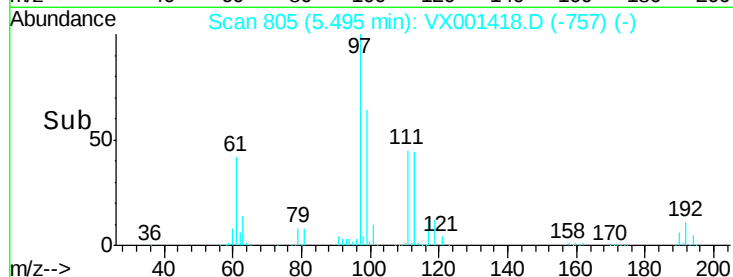
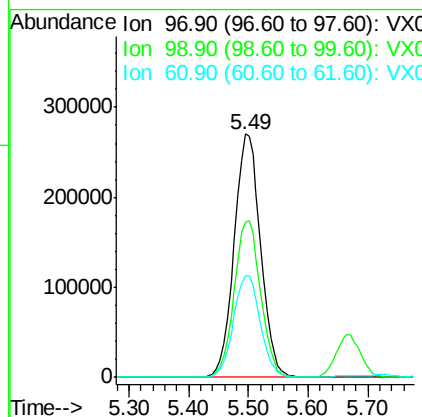
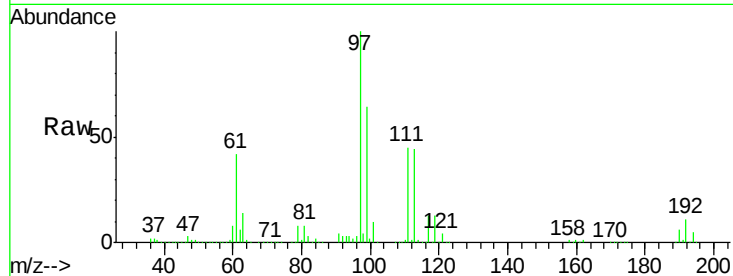
#32
 1,1,1-Trichloroethane
 Concen: 168.279 ug/l
 RT: 5.49 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
97	100	830597		
99	64.6		51.3	76.9
61	42.7		34.8	52.2

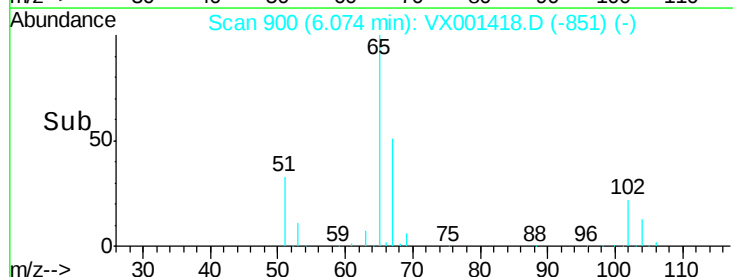
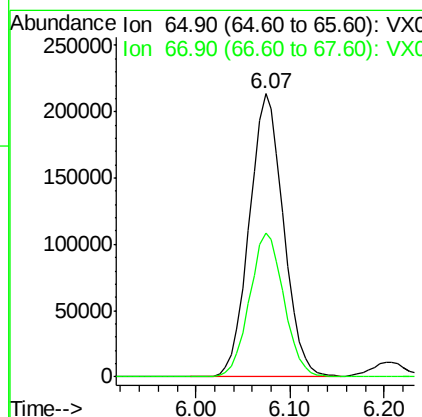
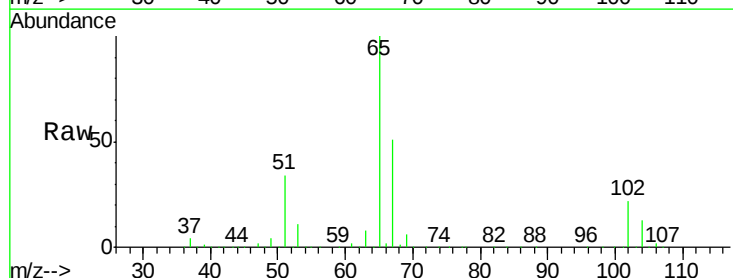
Manual Integrations
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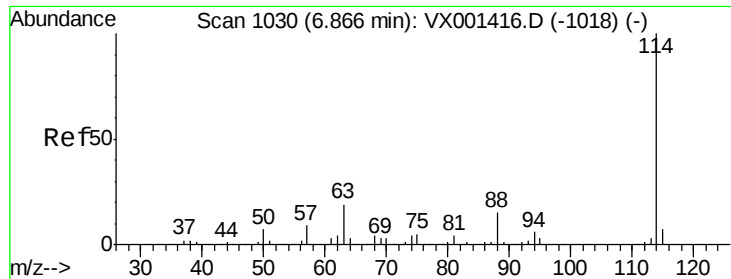
apatel
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#33
 1,2-Dichloroethane-d4
 Concen: 139.852 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	543771		
67	51.2		0.0	101.8





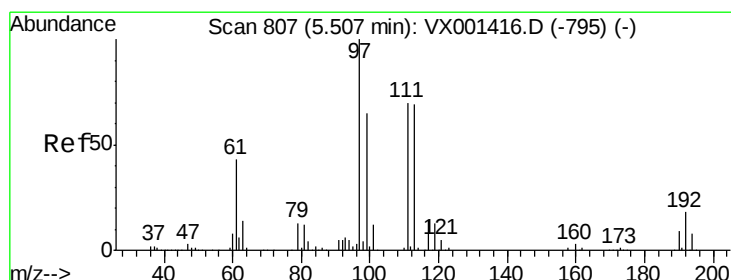
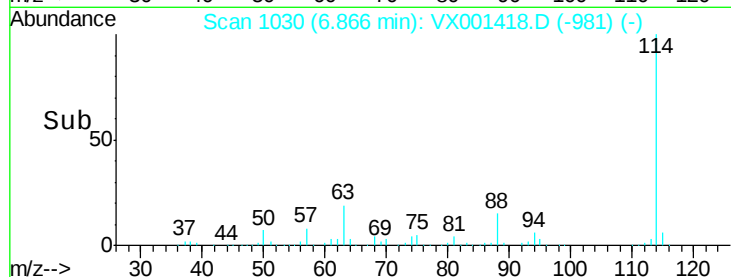
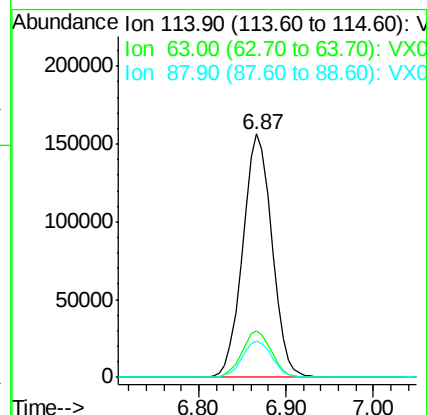
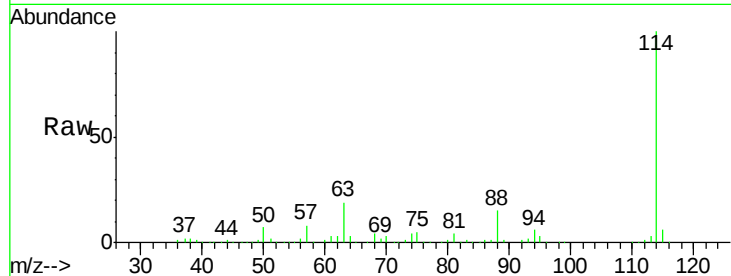
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
114	100	362849		
63	19.2	0.0	38.6	
88	14.8	0.0	30.8	

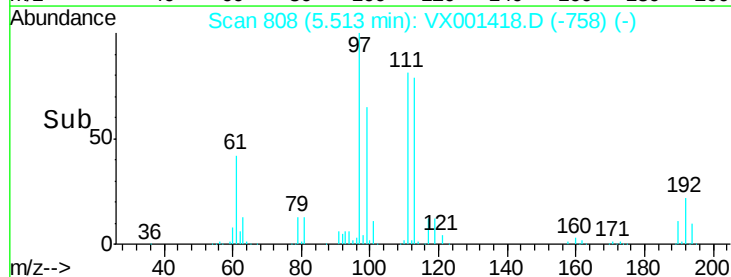
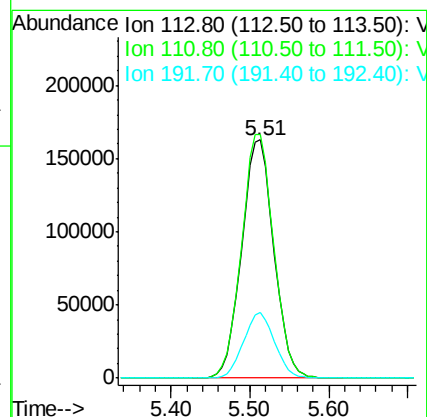
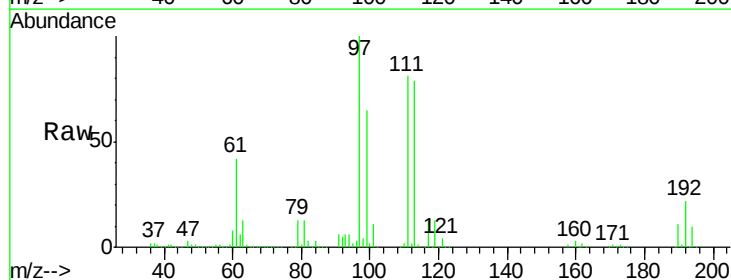
Manual Integrations
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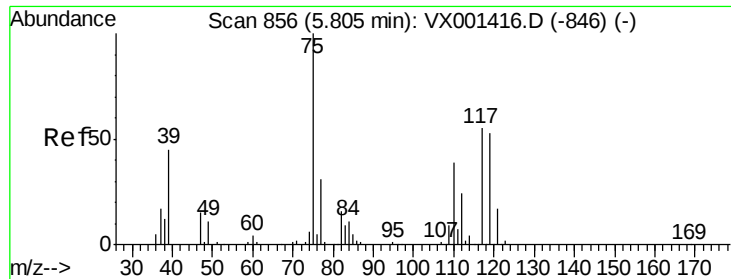
apatel
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#35
 Dibromofluoromethane
 Concen: 146.648 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	462050		
111	102.3	82.2	123.2	
192	26.7	21.4	32.0	





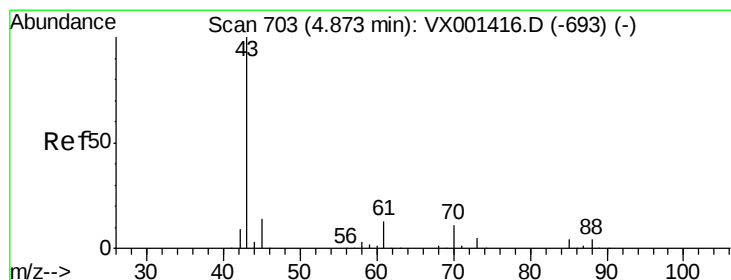
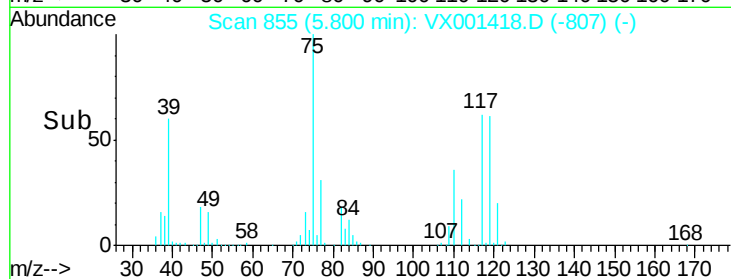
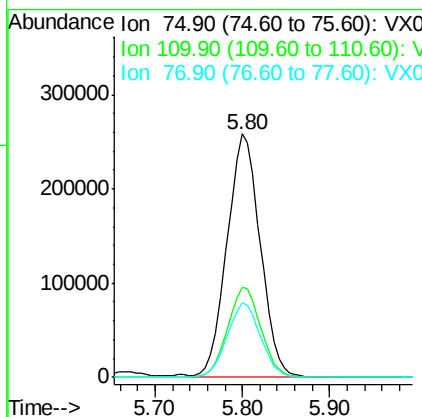
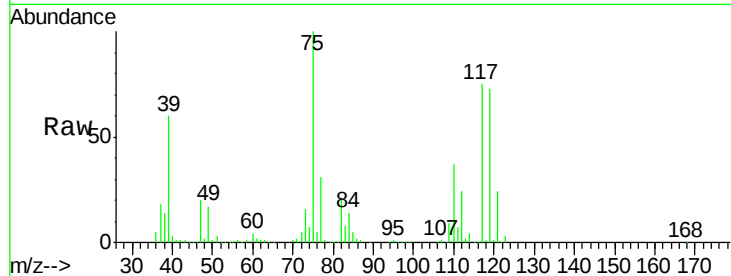
#36
 1,1-Dichloropropene
 Concen: 159.137 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
110	37.3	18.9	56.7
77	30.9	24.9	37.3

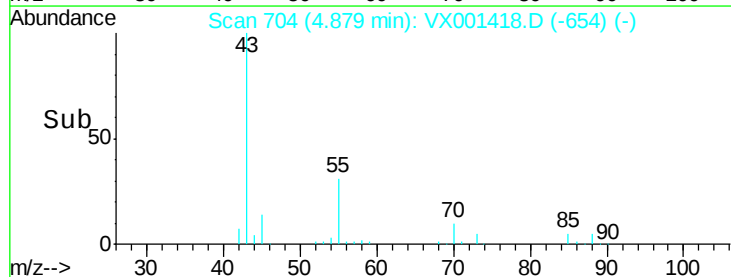
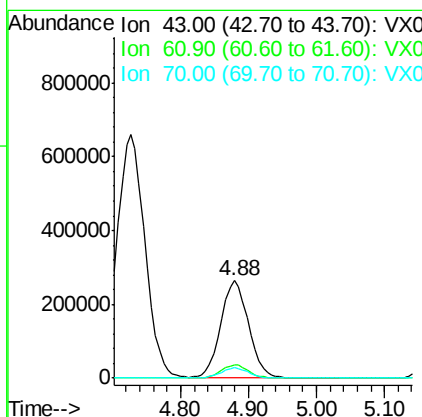
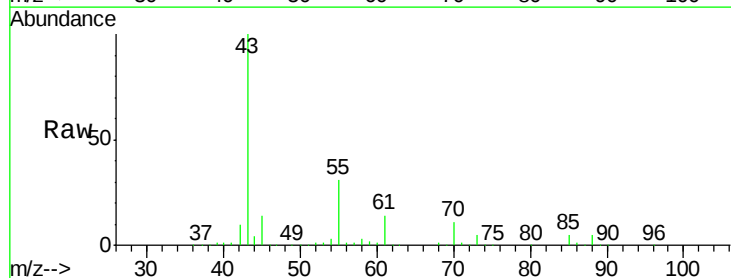
Manual Integrations
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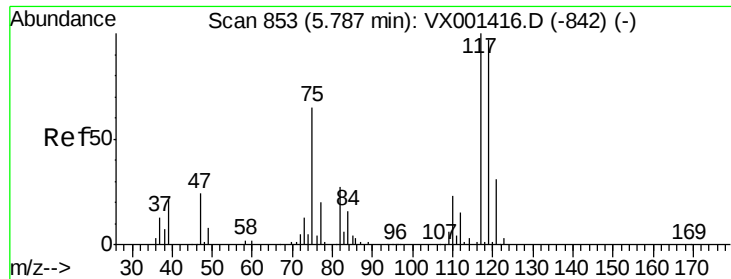
apatel
 5/8/2018 7:53:47 AM



#37
 Ethyl Acetate
 Concen: 171.846 ug/l
 RT: 4.88 min Scan# 704
 Delta R.T. 0.01 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.7	16.1
70	10.7	8.4	12.6





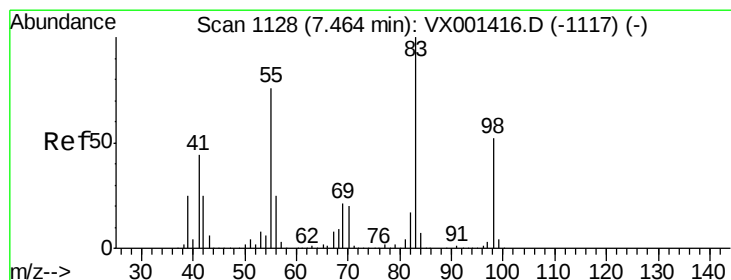
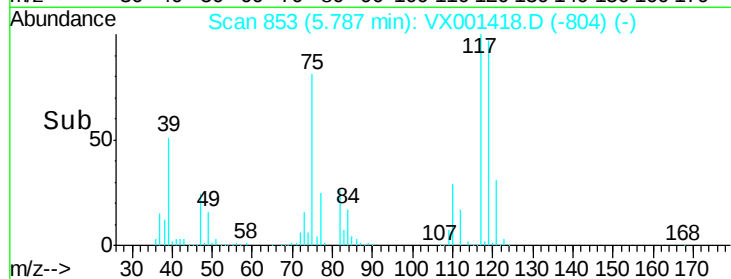
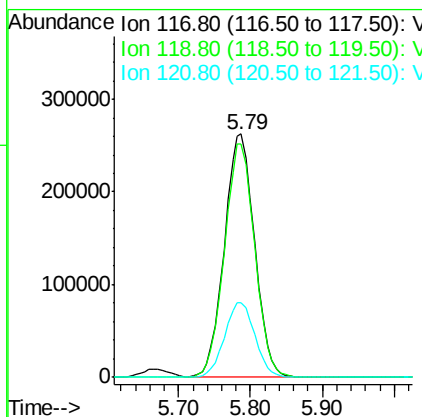
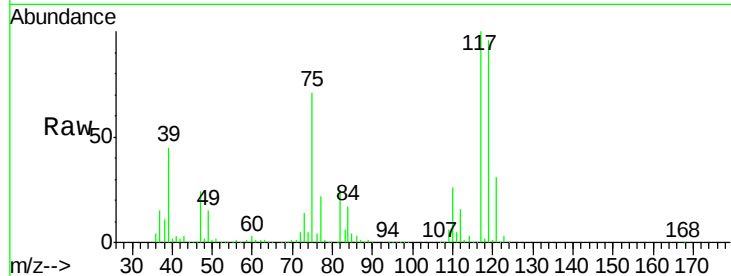
#38
Carbon Tetrachloride
Concen: 169.933 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.0	115.6
121	30.7	25.1	37.7

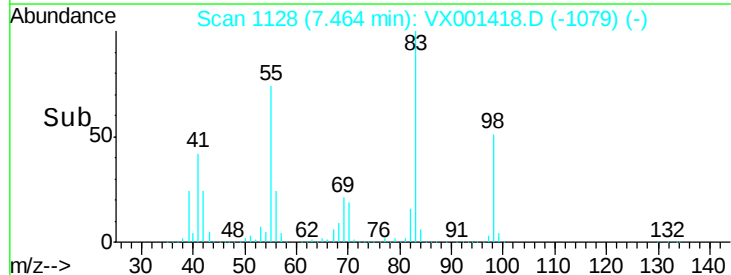
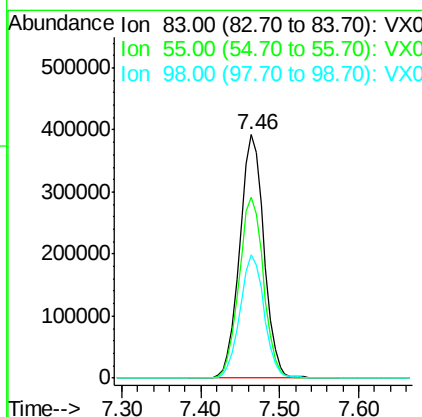
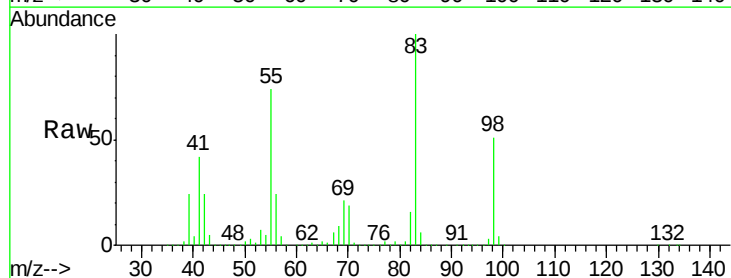
Manual Integrations
APPROVED

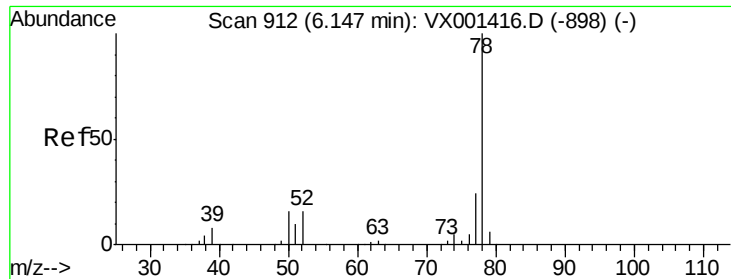
apatel
5/8/2018 7:53:47 AM



#39
Methylcyclohexane
Concen: 165.704 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.4	60.9	91.3
98	50.6	41.9	62.9





#40

Benzene

Concen: 161.022 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 78 Resp: 1984912

Ion Ratio Lower Upper

78 100

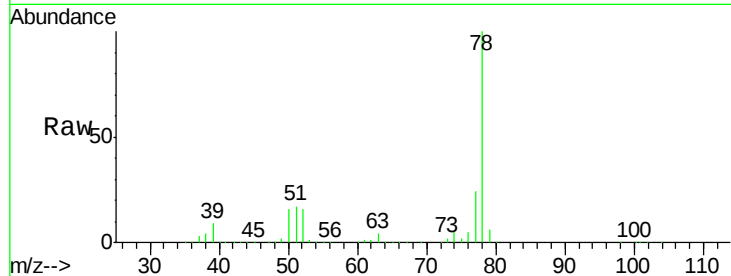
77 23.8 19.4 29.2

Manual Integrations

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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

800000

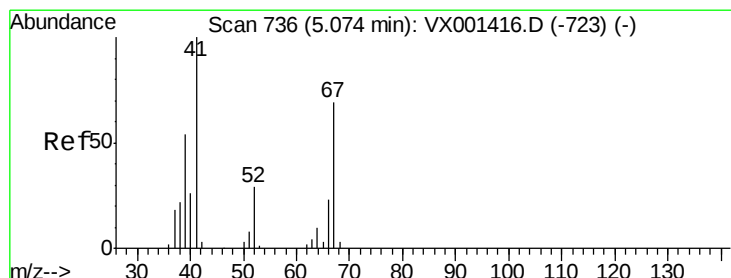
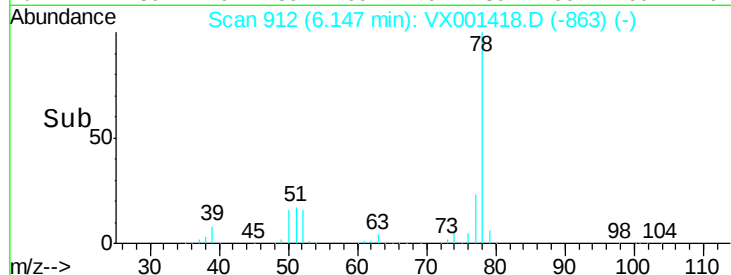
600000

400000

200000

0

Time-->



#41

Methacrylonitrile

Concen: 169.127 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Tgt Ion: 41 Resp: 429519

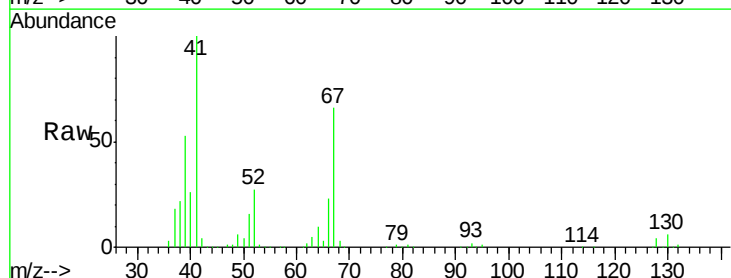
Ion Ratio Lower Upper

41 100

39 55.0 45.0 67.6

67 68.6 55.0 82.6

52 28.4 23.4 35.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

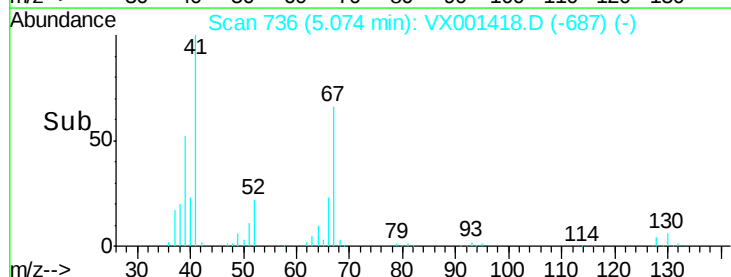
300000

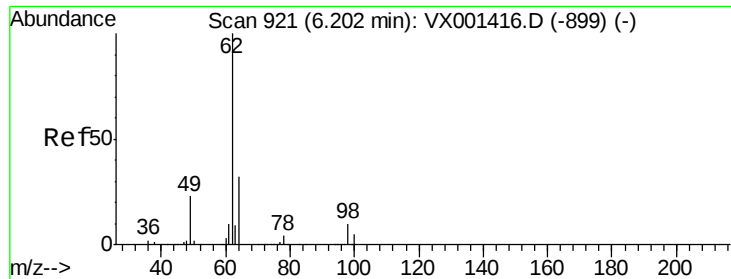
200000

100000

0

Time-->





#42

1,2-Dichloroethane

Concen: 154.398 ug/l

RT: 6.20 min Scan# 921

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 62 Resp: 737619

Ion Ratio Lower Upper

62 100

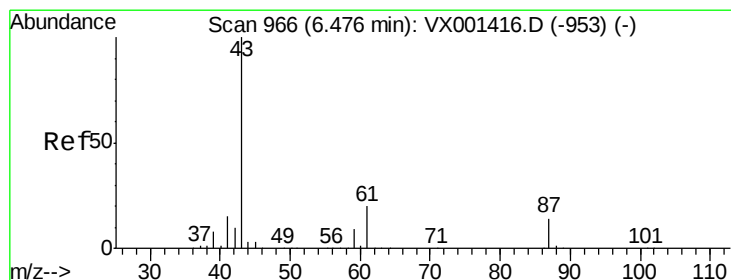
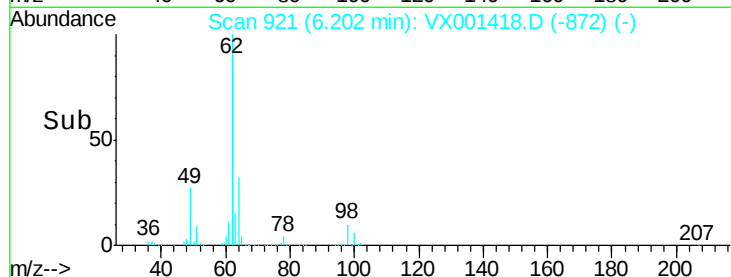
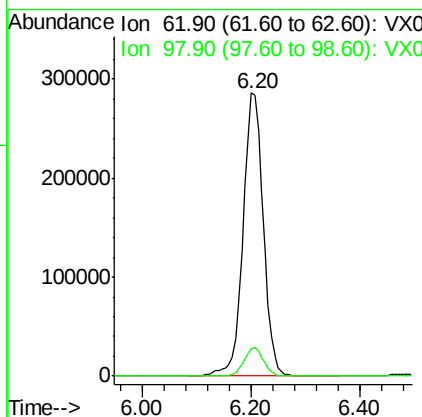
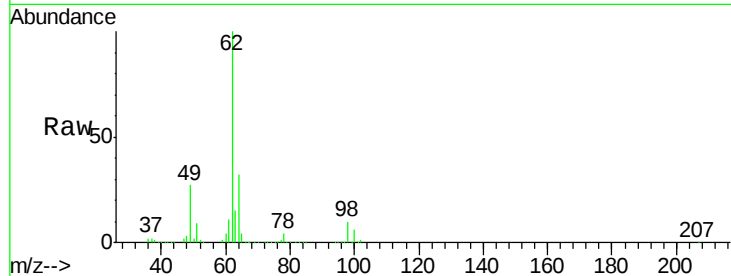
98 9.6 0.0 19.0

Manual Integrations

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apatel

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#43

Isopropyl Acetate

Concen: 176.021 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

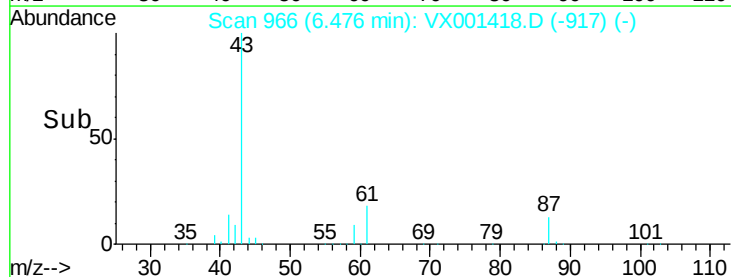
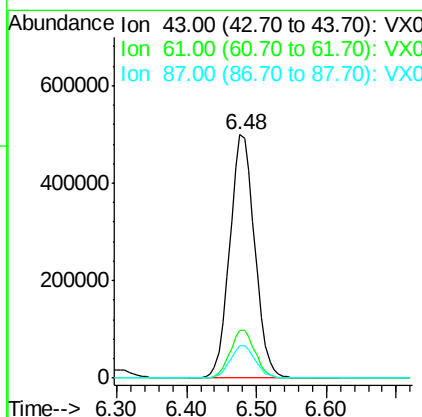
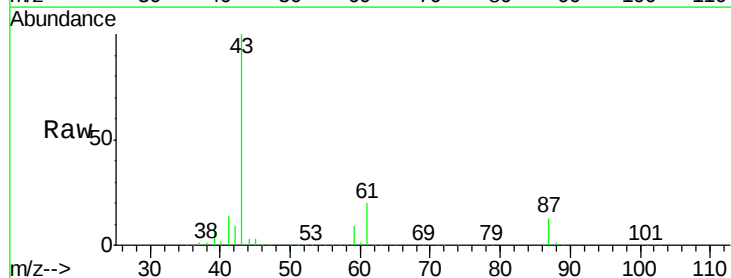
Tgt Ion: 43 Resp: 1233721

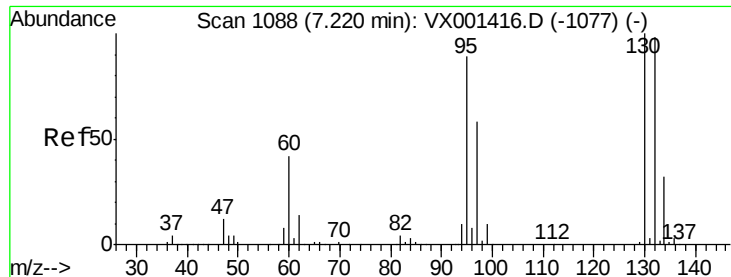
Ion Ratio Lower Upper

43 100

61 19.8 15.4 23.0

87 13.5 10.8 16.2





#44

Trichloroethene

Concen: 161.810 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:130 Resp: 610296

Ion Ratio Lower Upper

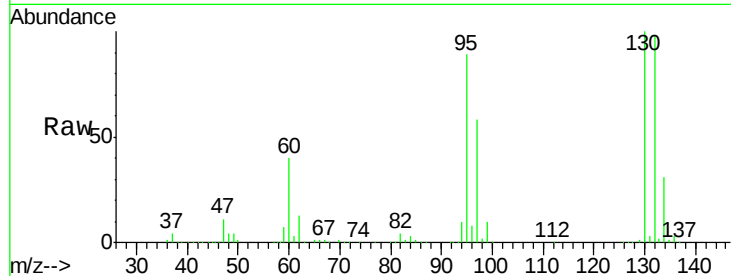
130 100

95 89.1 0.0 178.4

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

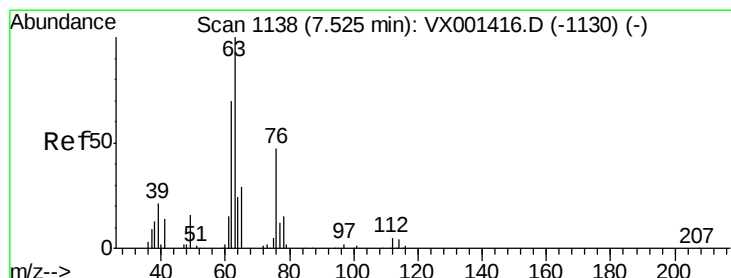
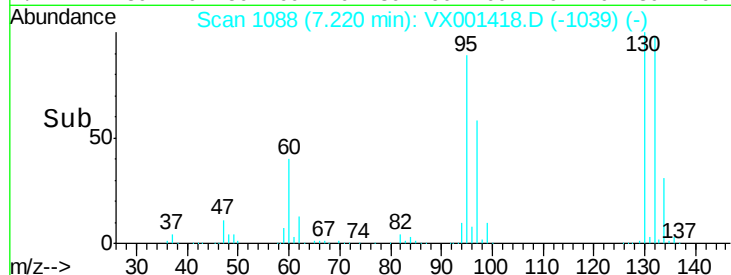
300000

200000

100000

0

Time-->



#45

1,2-Dichloropropane

Concen: 158.355 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001418.D

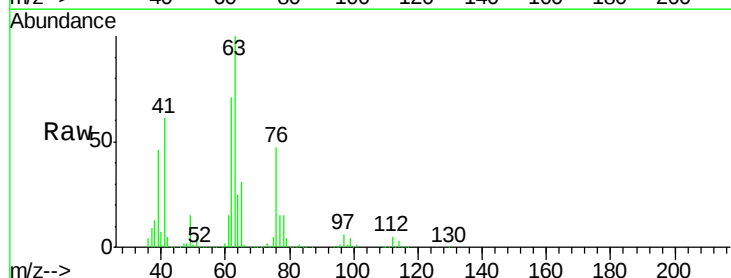
Acq: 05 May 2018 14:17

Tgt Ion: 63 Resp: 497140

Ion Ratio Lower Upper

63 100

65 31.3 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

250000

200000

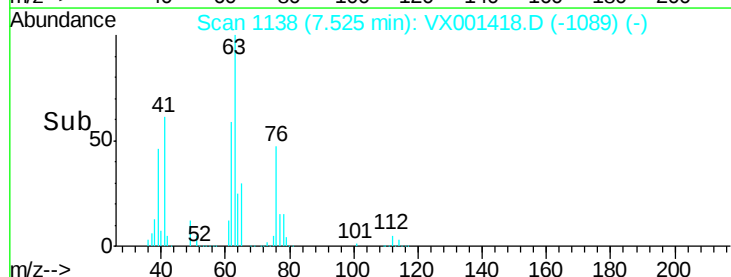
150000

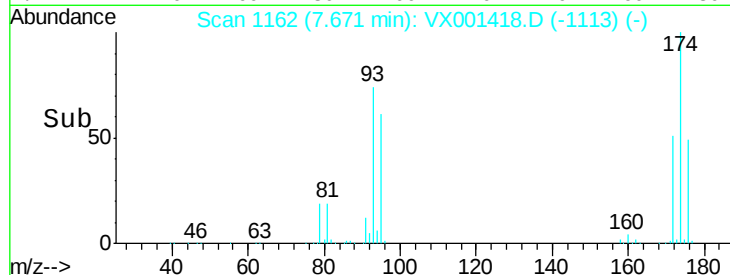
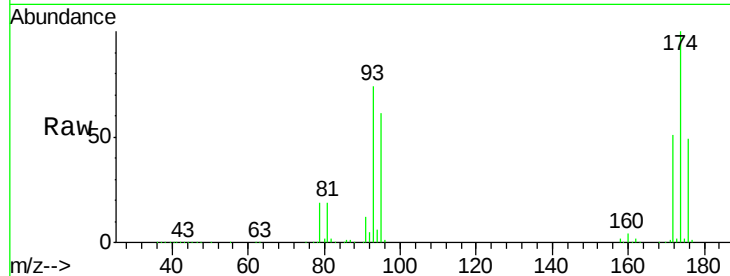
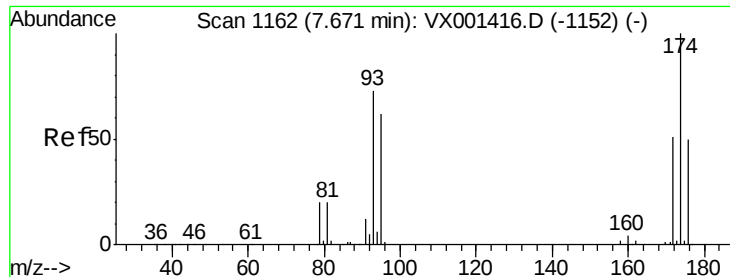
100000

50000

0

Time-->





#46

Dibromomethane

Concen: 157.223 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Tot Ion:	93	Resp:	347577
Ion Ratio	Lower	Upper	
93	100		
95	82.3	67.0	100.4
174	133.1	104.5	156.7

Instrument :

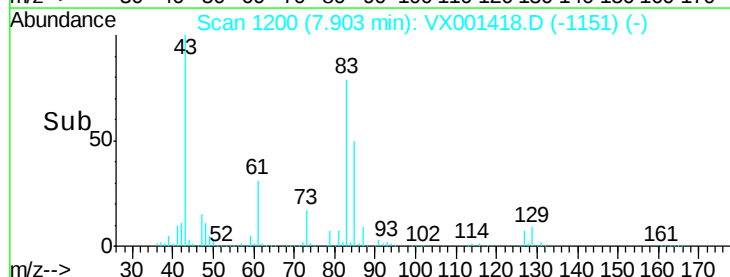
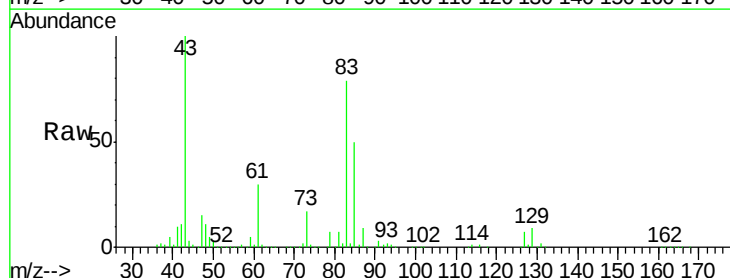
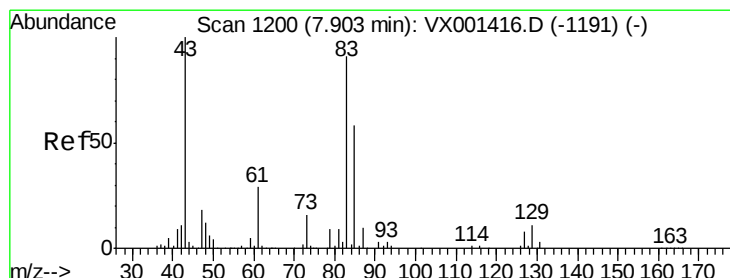
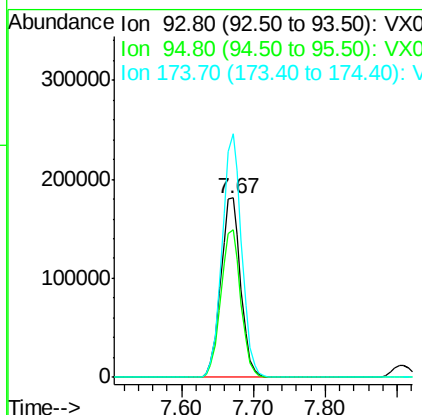
MSVOA_X

ClientSampleId :

VSTDIC150

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#47

Bromodichloromethane

Concen: 177.774 ug/l

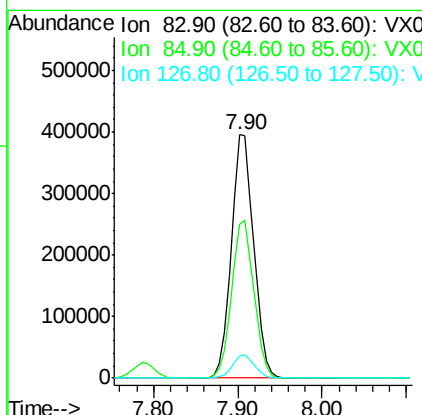
RT: 7.90 min Scan# 1200

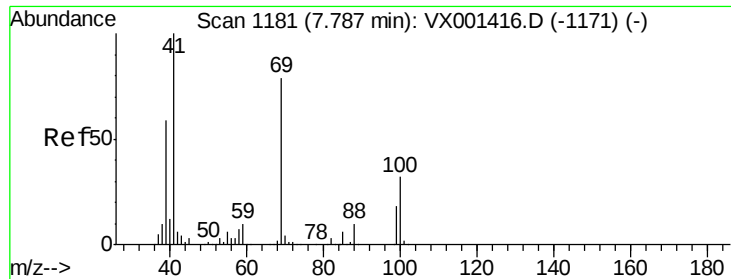
Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Tgt Ion:	83	Resp:	707451
Ion Ratio	Lower	Upper	
83	100		
85	63.2	51.0	76.6
127	9.2	7.4	11.2





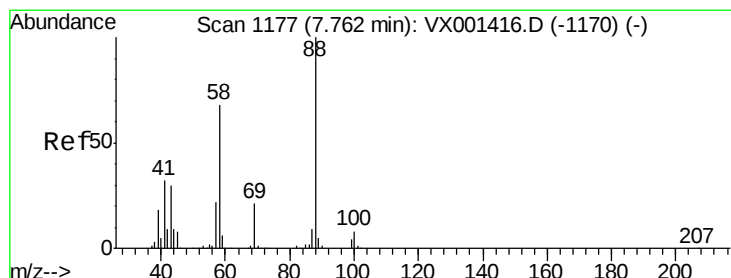
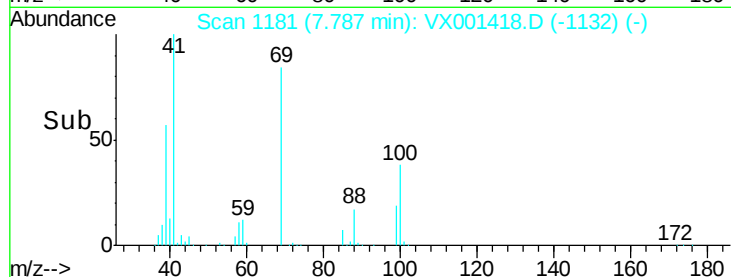
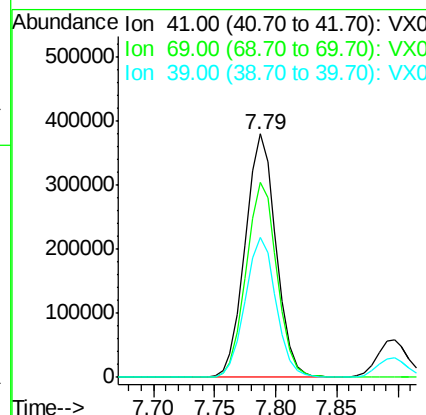
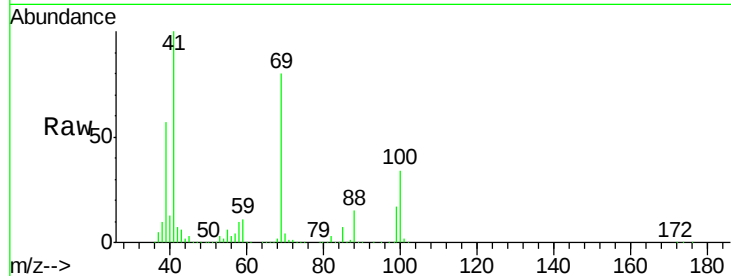
#48
Methvl methacrylate
Concen: 177.932 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
41	100	667666		
69	80.1		63.4	95.2
39	57.3		47.0	70.4

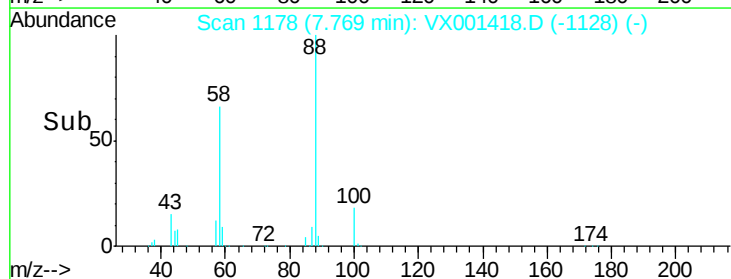
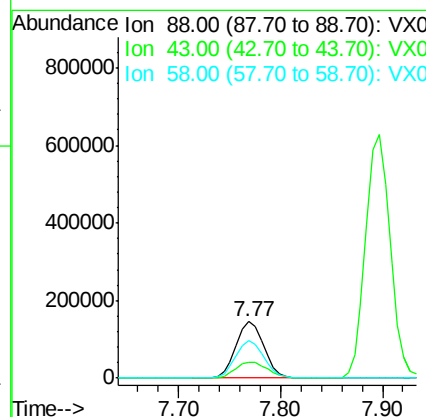
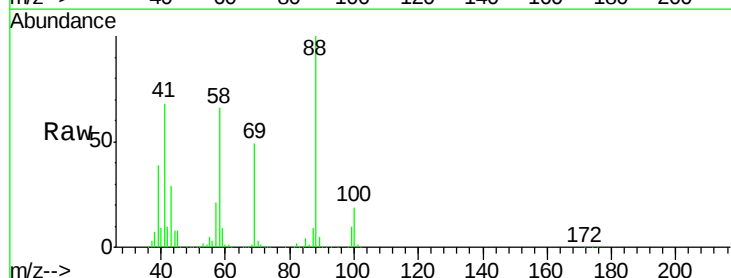
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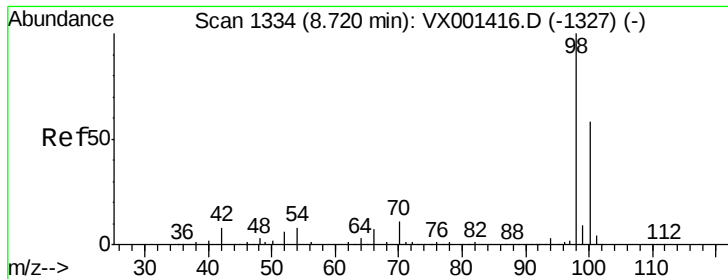
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#49
1,4-Dioxane
Concen: 3811.385 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	276280		
43	32.5		26.4	39.6
58	67.7		54.1	81.1





#50

Toluene-d8

Concen: 150.135 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 98 Resp: 1685574

Ion Ratio Lower Upper

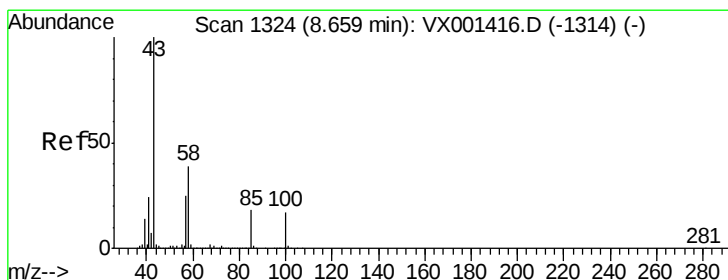
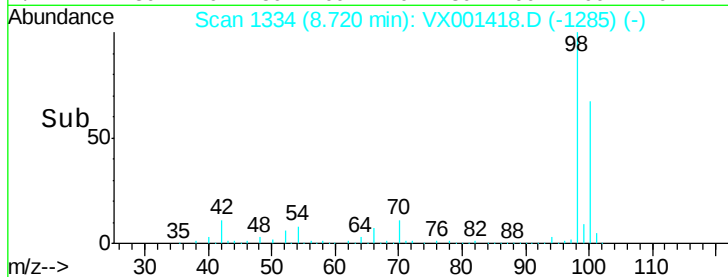
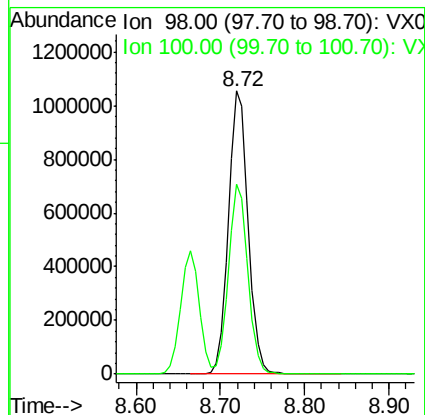
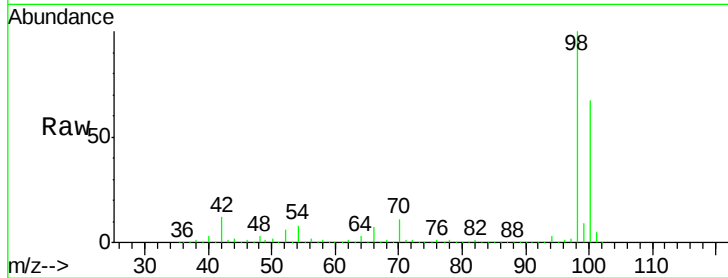
98 100

100 66.5 54.0 81.0

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#51

4-Methyl-2-Pentanone

Concen: 890.299 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. 0.01 min

Lab File: VX001418.D

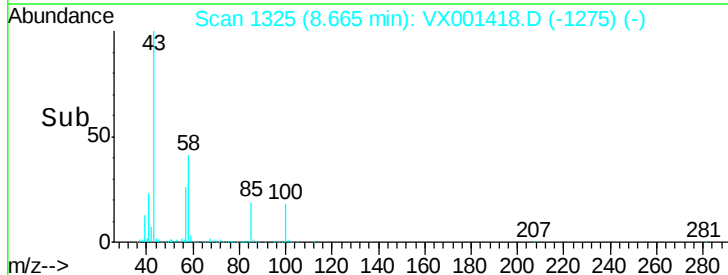
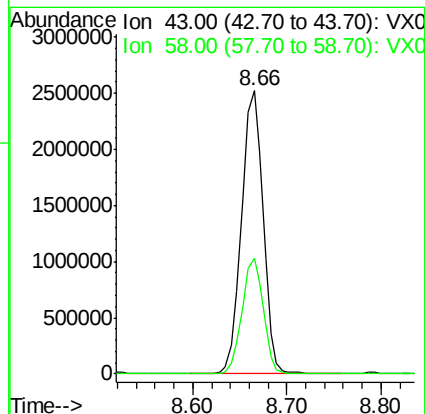
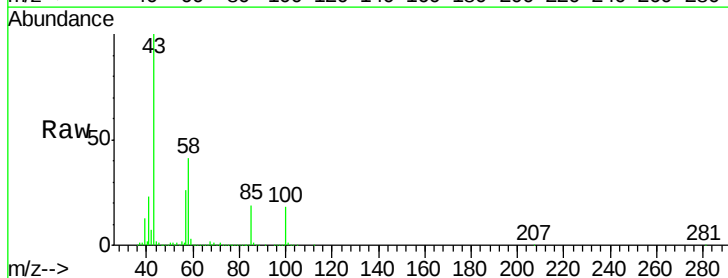
Acq: 05 May 2018 14:17

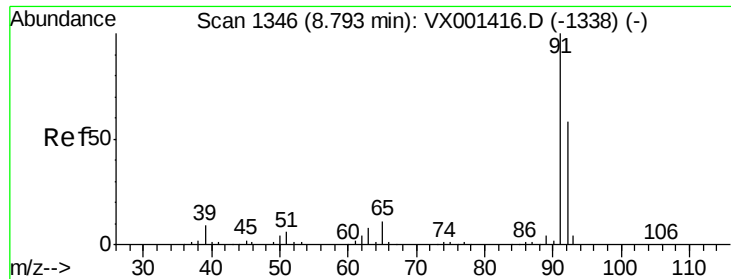
Tgt Ion: 43 Resp: 4035848

Ion Ratio Lower Upper

43 100

58 40.0 30.8 46.2





#52

Toluene

Concen: 163.642 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Tot Ion: 92 Resp: 1319220

Ion Ratio Lower Upper

92 100

91 169.3 135.2 202.8

Instrument :

MSVOA_X

ClientSampleId :

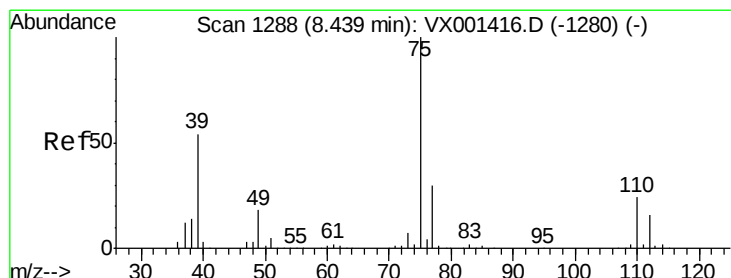
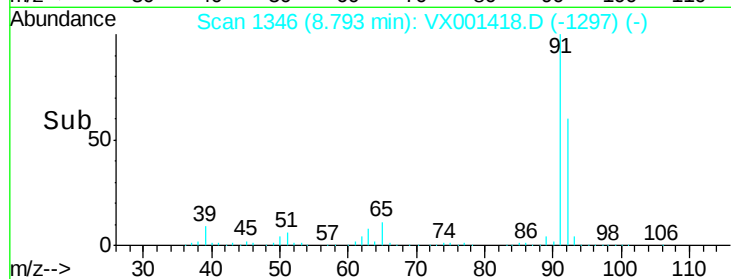
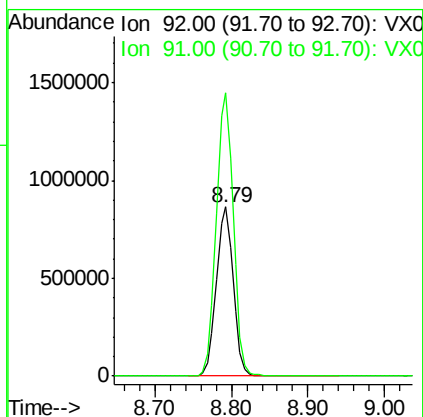
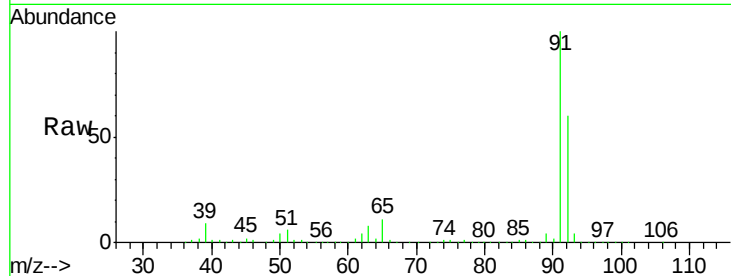
VSTDIC150

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#53

t-1,3-Dichloropropene

Concen: 179.009 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VX001418.D

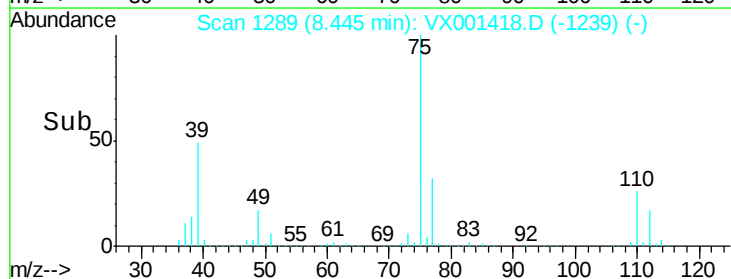
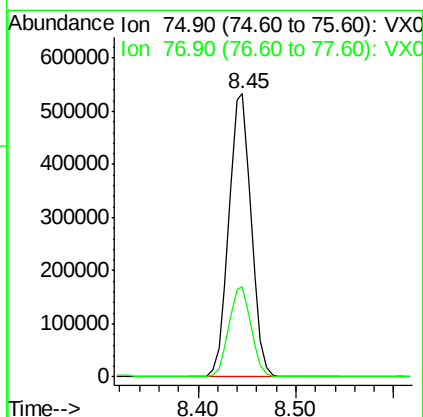
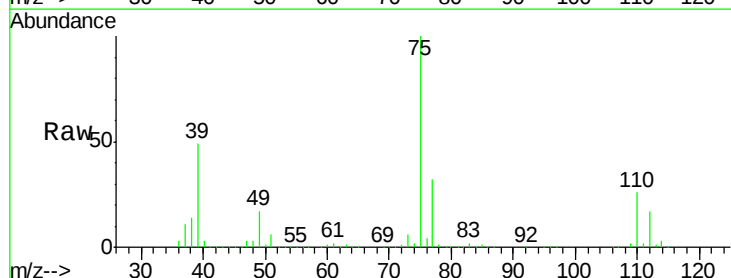
Acq: 05 May 2018 14:17

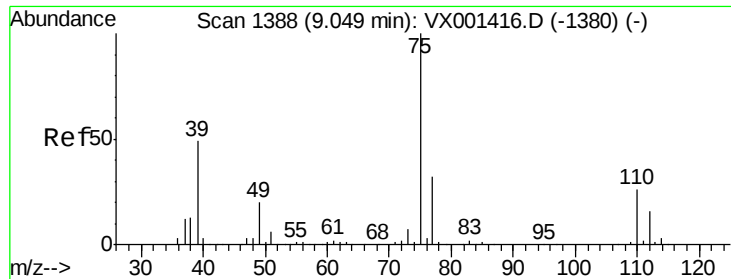
Tgt Ion: 75 Resp: 843878

Ion Ratio Lower Upper

75 100

77 31.7 24.2 36.4





#54

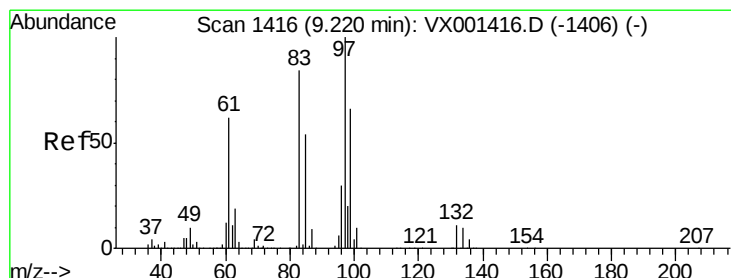
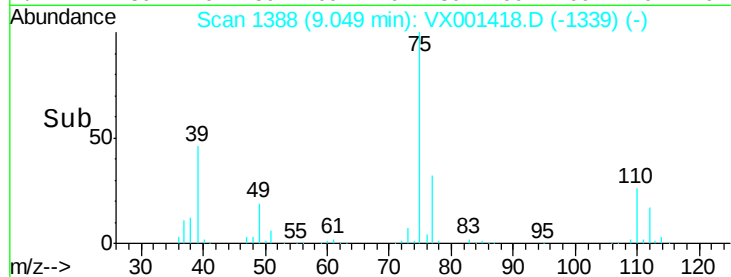
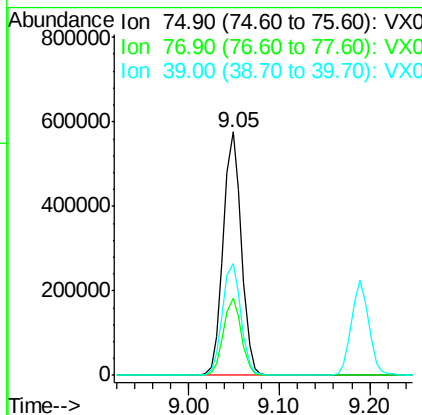
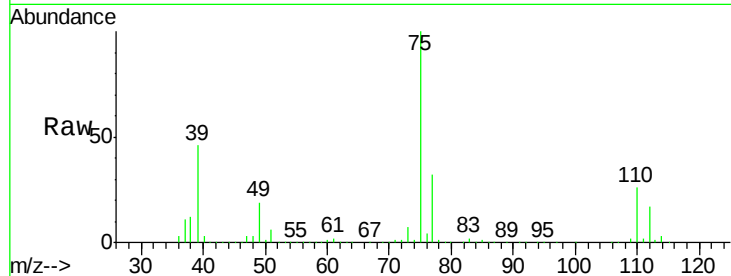
cis-1,3-Dichloropropene
Concen: 185.503 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
75	100			
77	31.7	25.5	38.3	
39	45.9	38.9	58.3	

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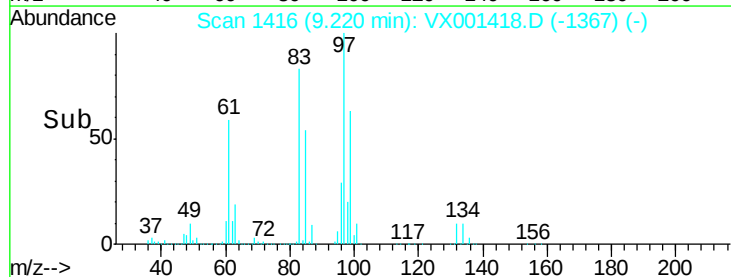
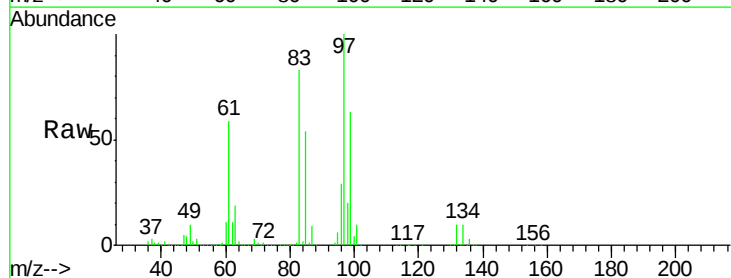
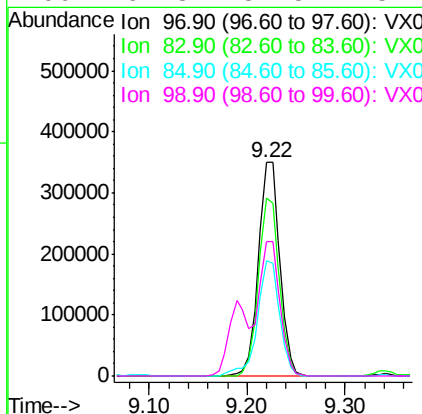
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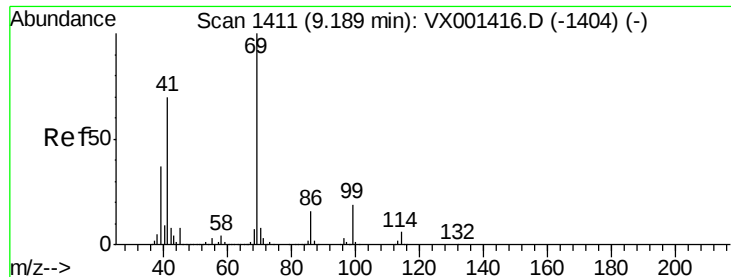


#55

1,1,2-Trichloroethane
Concen: 163.965 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
97	100			
83	83.2	67.4	101.0	
85	53.9	43.3	64.9	
99	62.8	52.5	78.7	





#56

Ethyl methacrylate

Concen: 190.057 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

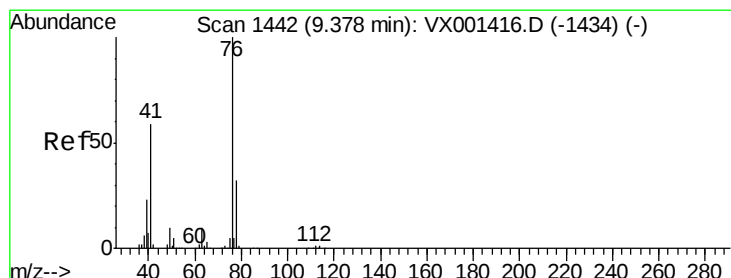
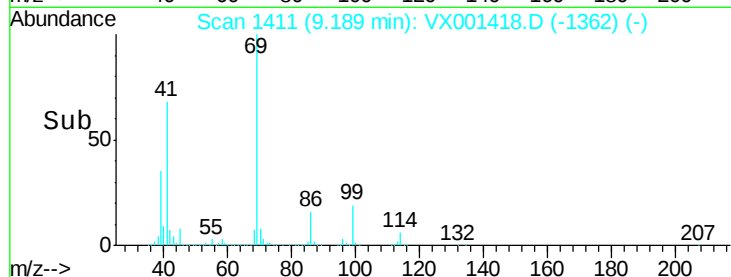
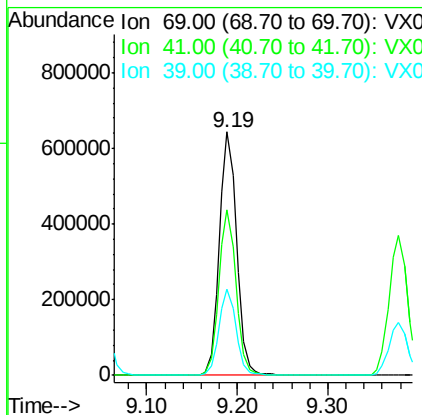
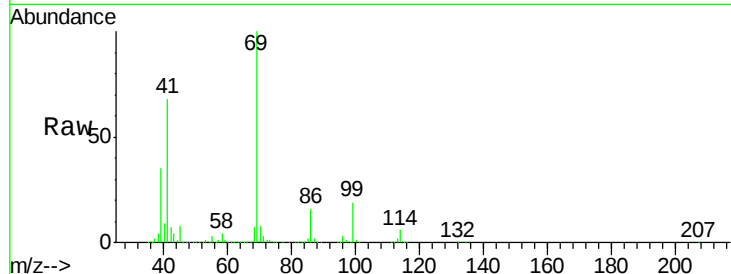
ClientSampleId :

VSTDIC150

Tot Ion:	69	Resp:	861411
Ion	Ratio	Lower	Upper
69	100		
41	67.3	55.1	82.7
39	35.1	29.9	44.9

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#57

1,3-Dichloropropane

Concen: 165.641 ug/l

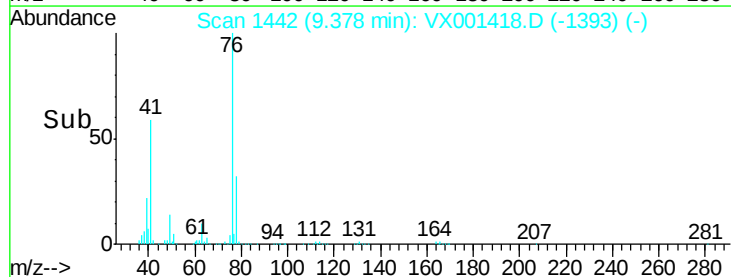
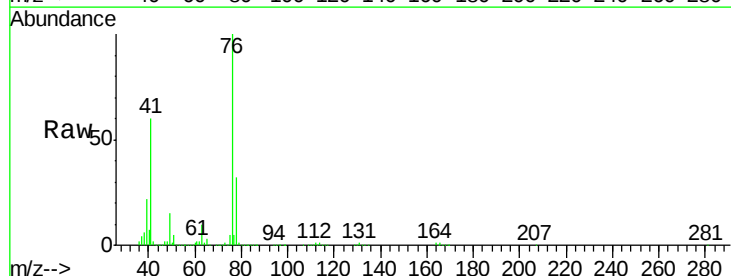
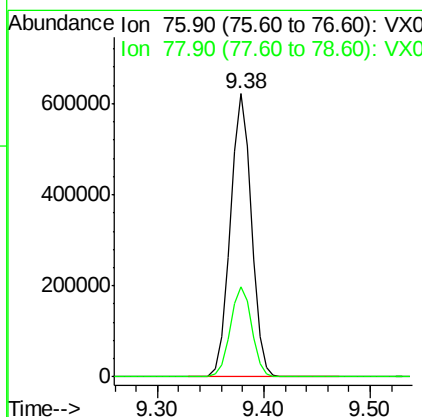
RT: 9.38 min Scan# 1442

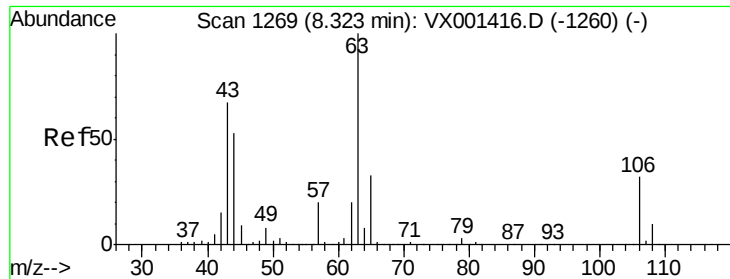
Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Tgt Ion:	76	Resp:	869654
Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.6





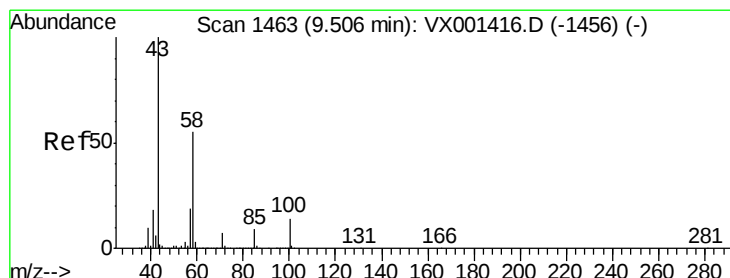
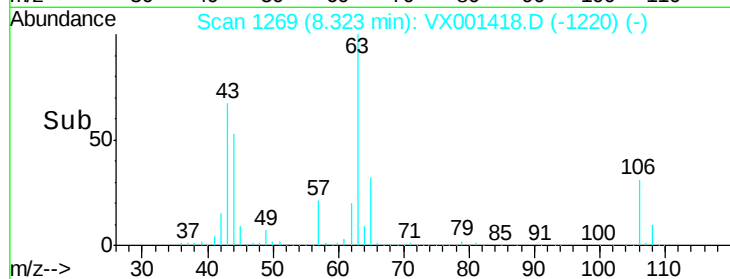
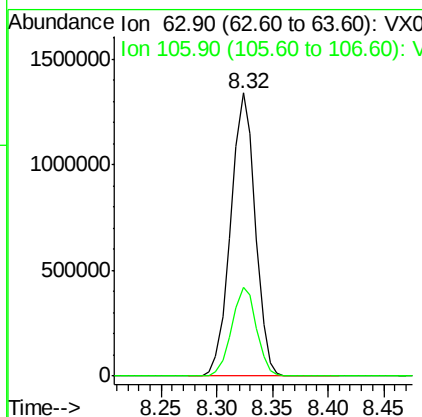
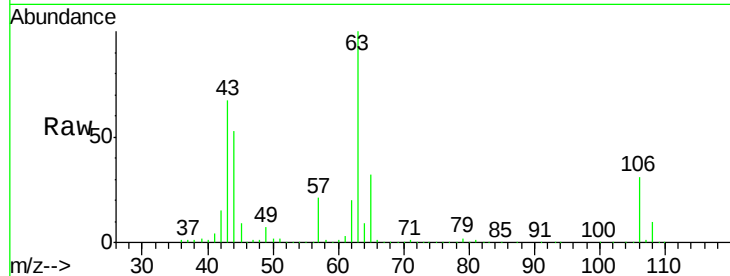
#58
2-Chloroethyl Vinyl ether
Concen: 928.381 ug/l
RT: 8.32 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 63 Resp: 2044689
Ion Ratio Lower Upper
63 100
106 31.8 25.4 38.0

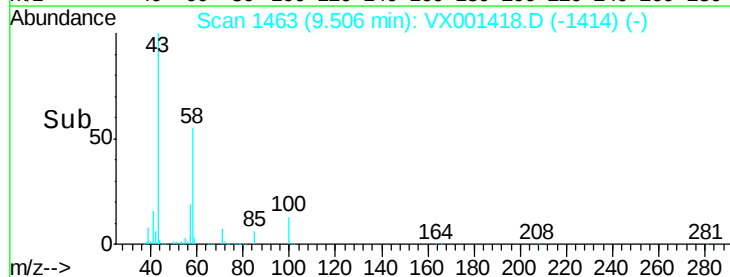
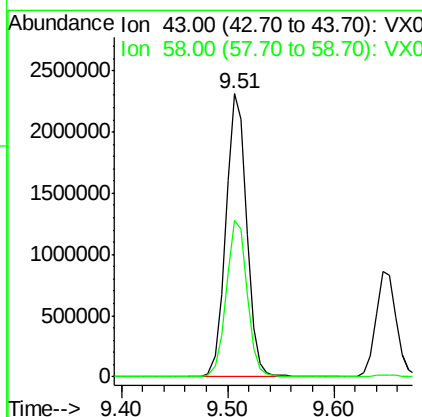
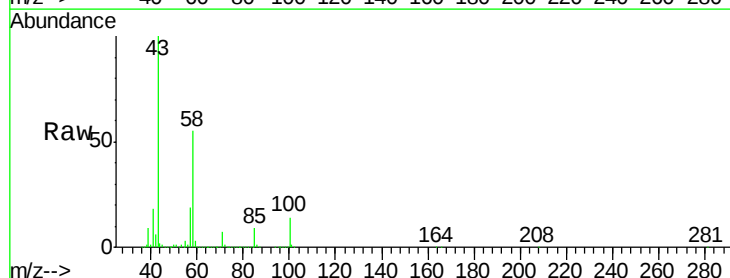
Manual Integrations
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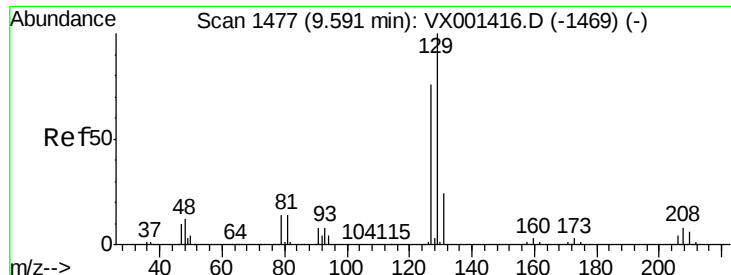
apatel
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#59
2-Hexanone
Concen: 898.873 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Tgt Ion: 43 Resp: 3174704
Ion Ratio Lower Upper
43 100
58 55.4 27.1 81.2





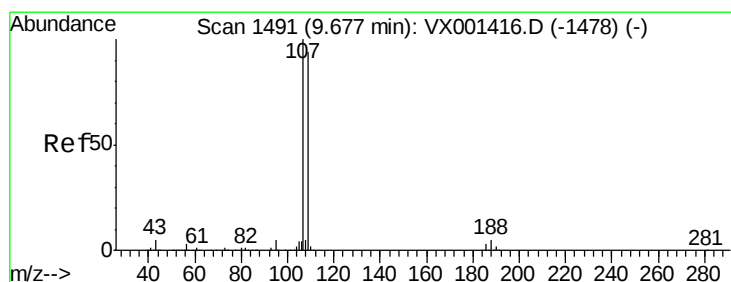
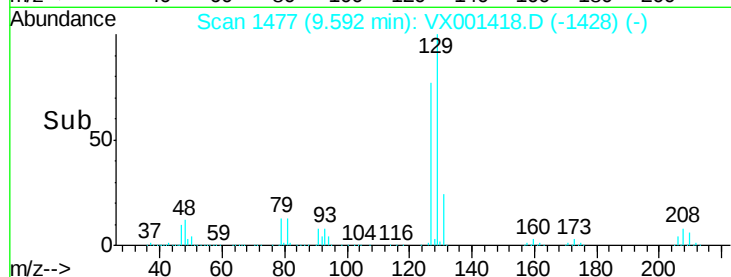
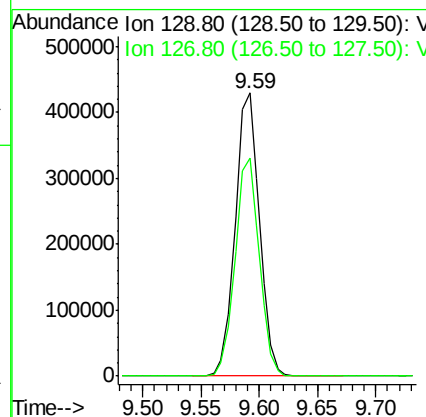
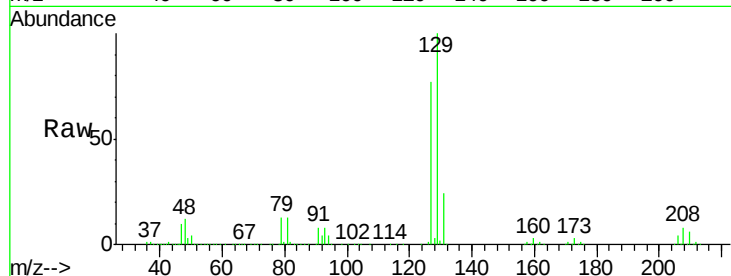
#60
 Dibromochloromethane
 Concen: 183.379 ug/l
 RT: 9.59 min Scan# 1477
 Delta R.T. 0.00 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		622639		
127	77.0	38.1	114.5		

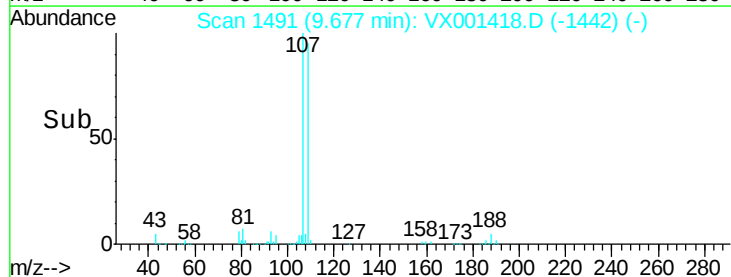
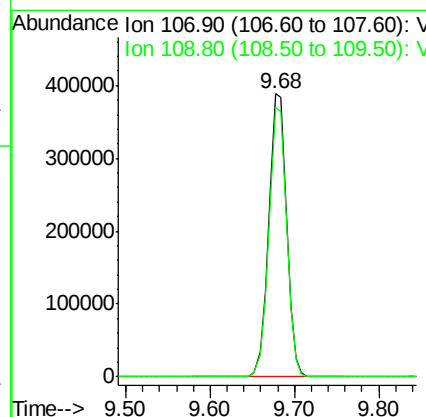
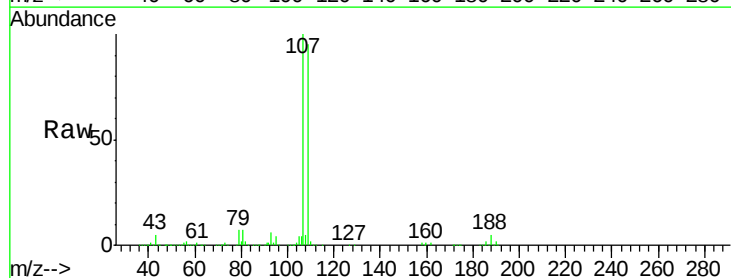
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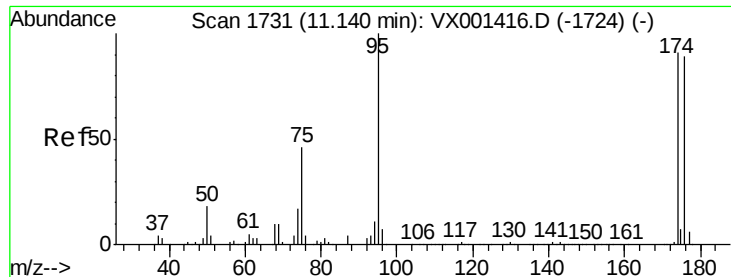
apatel
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#61
 1,2-Dibromoethane
 Concen: 166.041 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		571389		
109	94.9	75.5	113.3		





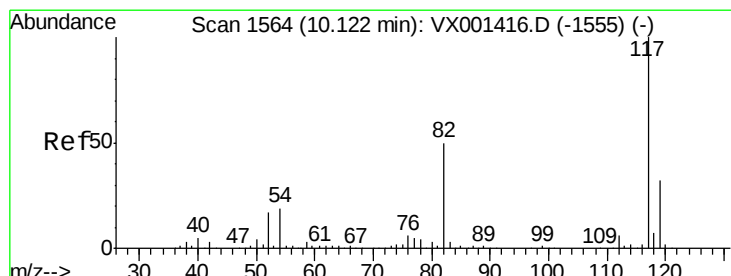
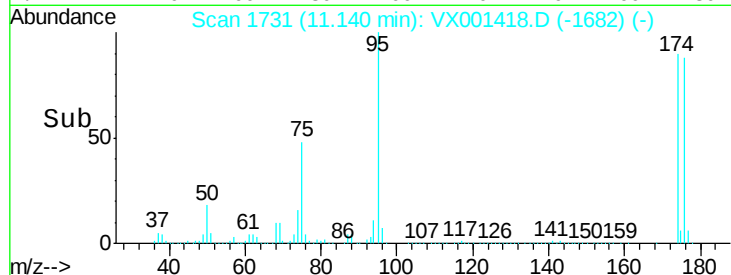
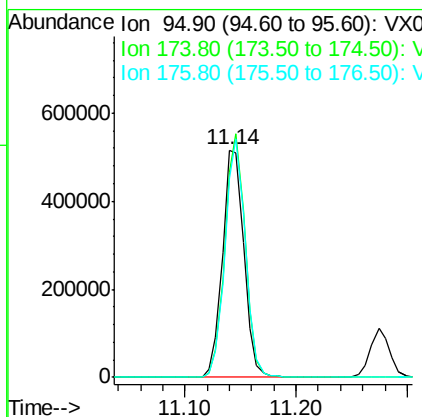
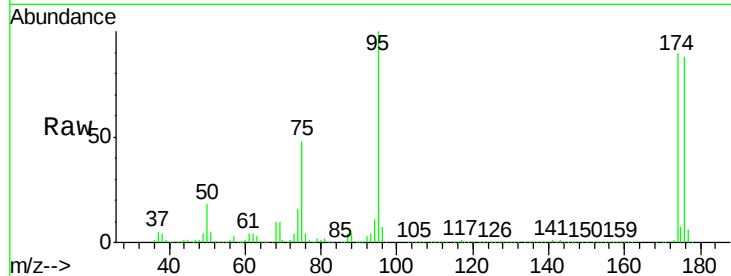
#62
4-Bromofluorobenzene
Concen: 153.418 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
95	100	688895		
174	101.5	0.0	202.0	
176	99.4	0.0	197.4	

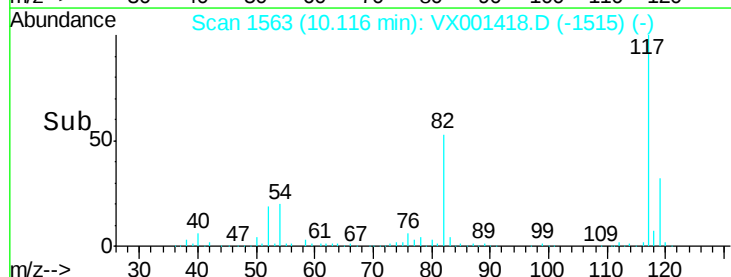
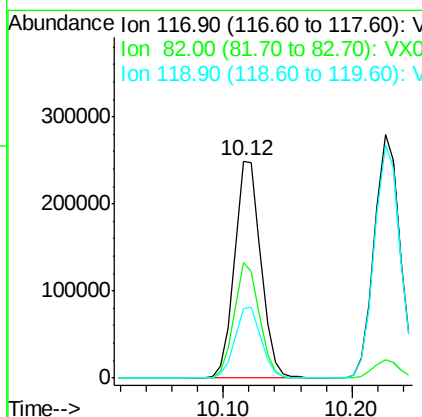
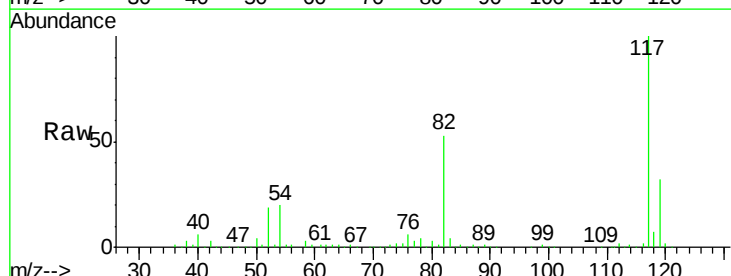
Manual Integrations
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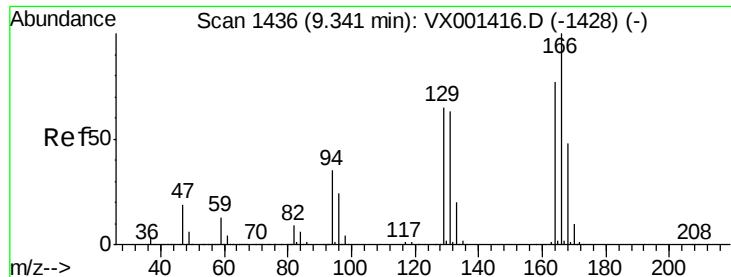
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	355238		
82	53.1	40.0	60.0	
119	32.3	25.8	38.8	





#64

Tetrachloroethene

Concen: 154.629 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:164 Resp: 673429

Ion Ratio Lower Upper

164 100

166 128.6 103.5 155.3

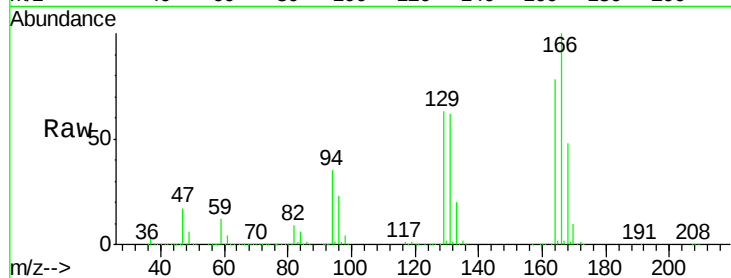
129 81.0 66.7 100.1

131 79.8 64.9 97.3

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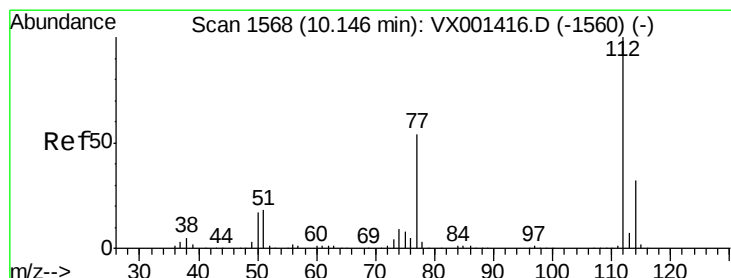
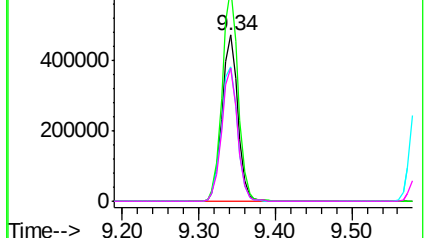
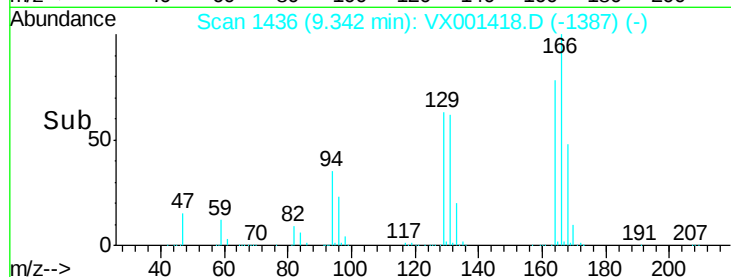


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 157.848 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001418.D

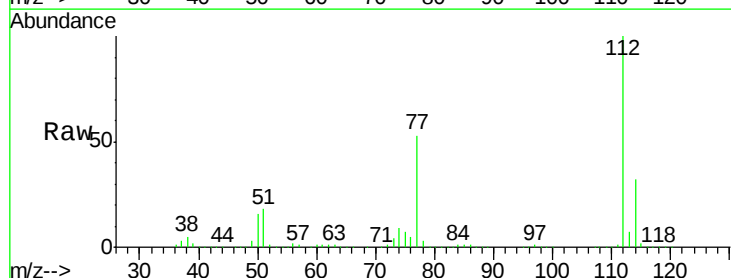
Acq: 05 May 2018 14:17

Tgt Ion:112 Resp: 1550304

Ion Ratio Lower Upper

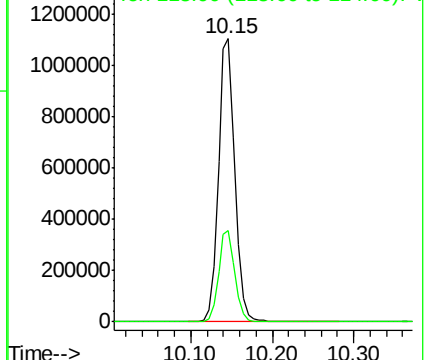
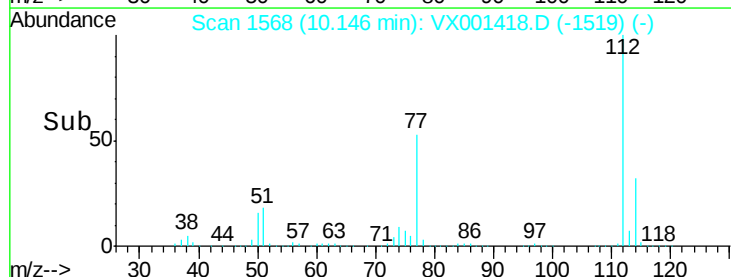
112 100

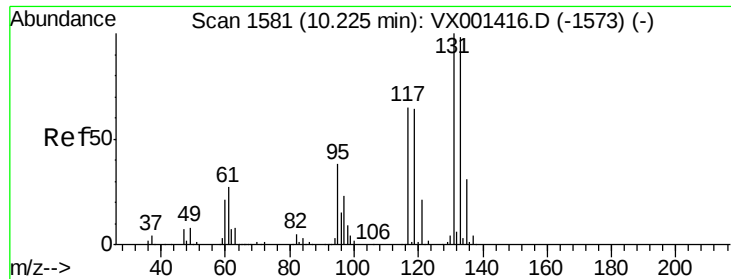
114 32.3 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 172.615 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

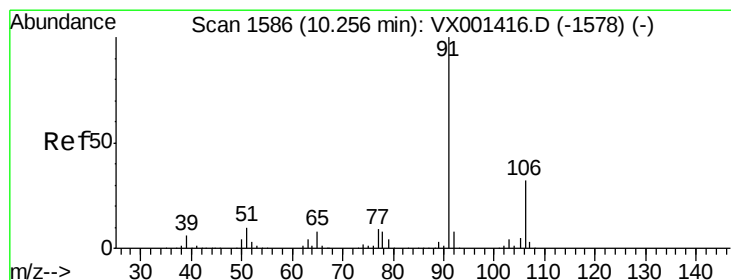
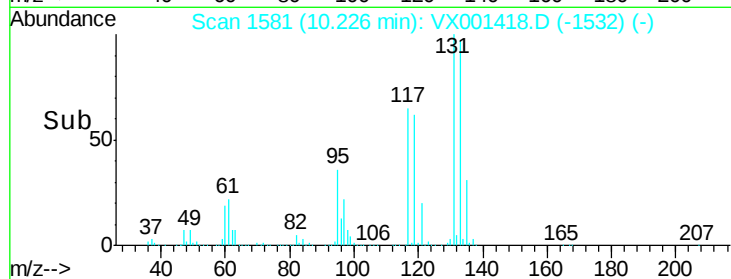
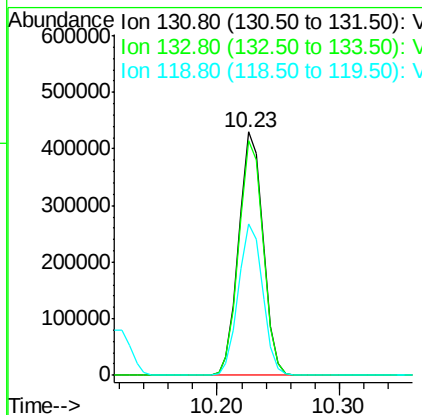
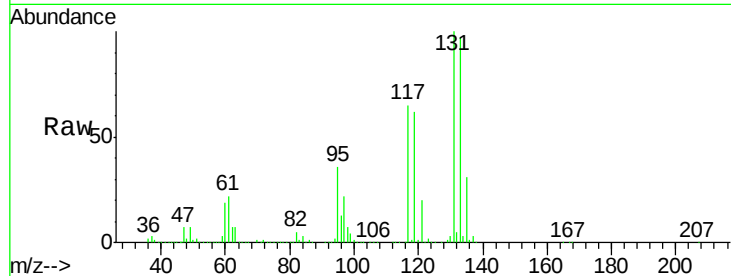
ClientSampleId :

VSTDIC150

Tot Ion:	131	Resp:	590286
Ion Ratio	Lower	Upper	
131	100		
133	96.4	47.9	143.8
119	62.0	31.1	93.3

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#67

Ethyl Benzene

Concen: 159.570 ug/l

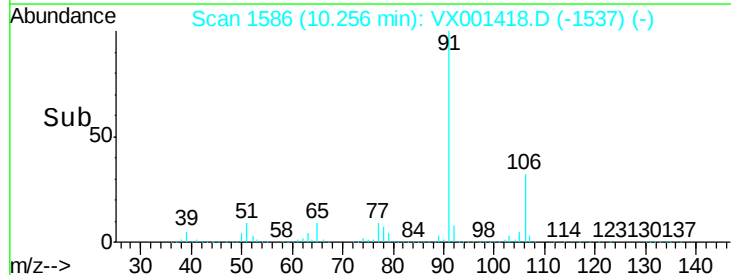
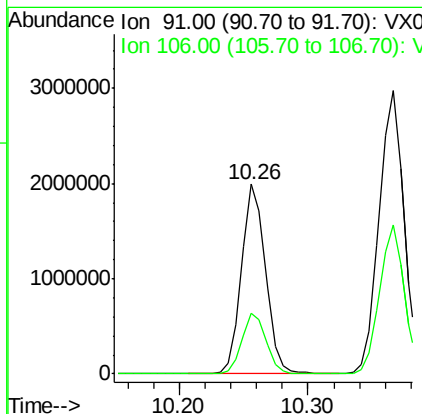
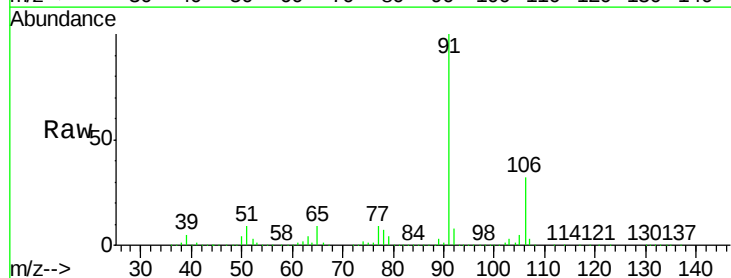
RT: 10.26 min Scan# 1586

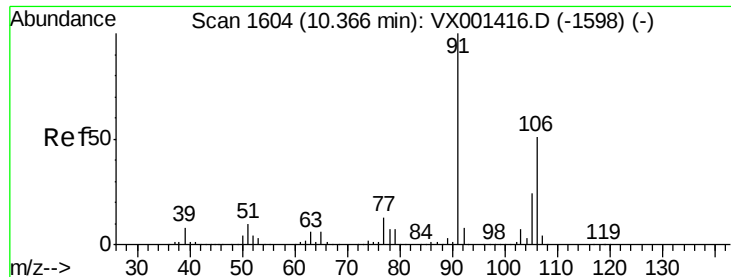
Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Tgt Ion:	91	Resp:	2578047
Ion Ratio	Lower	Upper	
91	100		
106	31.8	25.5	38.3





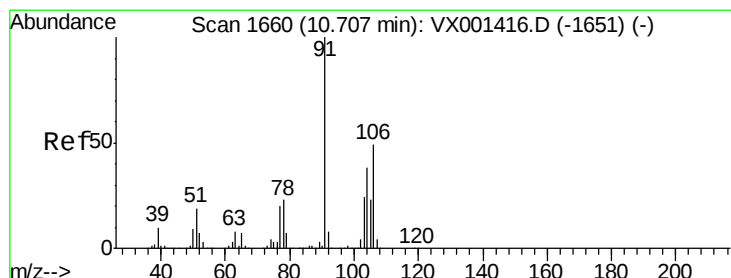
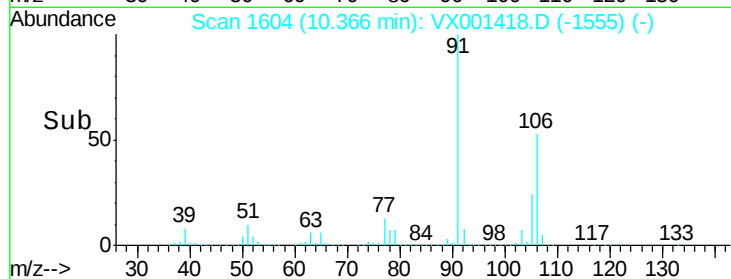
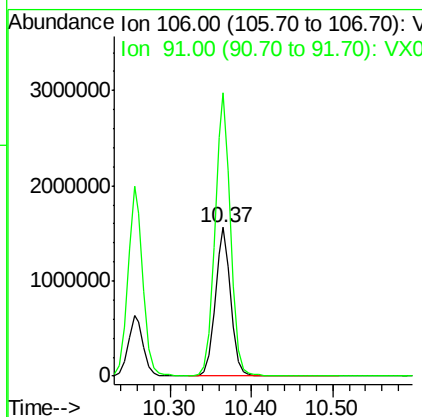
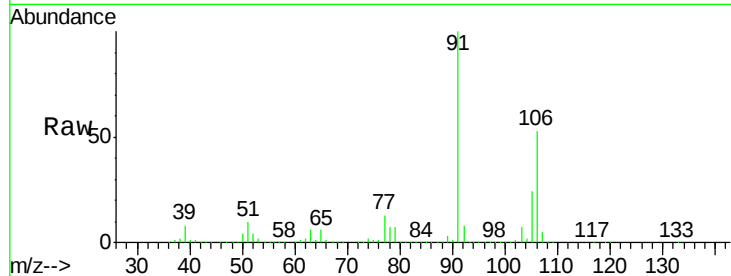
#68
m/p-Xylenes
Concen: 327.199 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 2084018
Ion Ratio Lower Upper
106 100
91 192.3 157.5 236.3

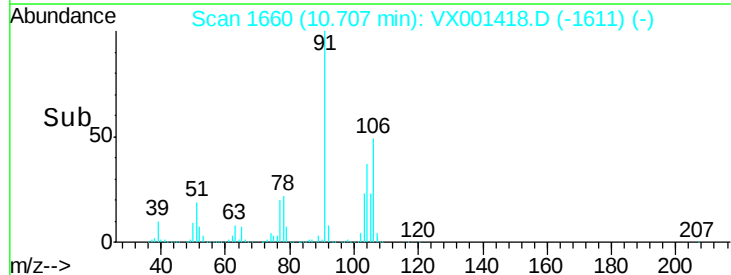
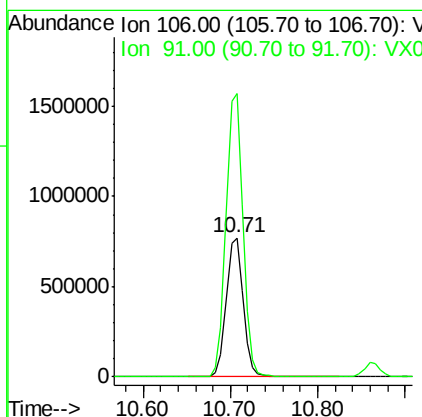
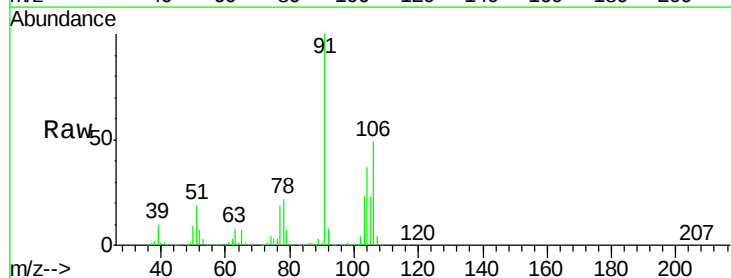
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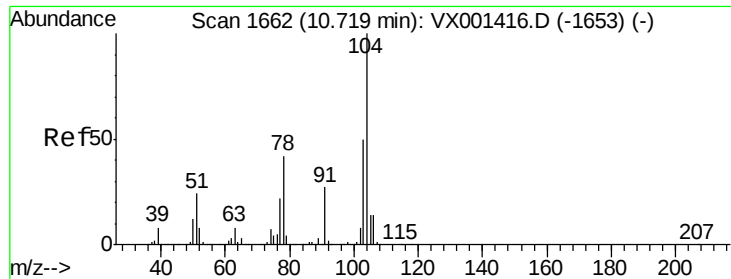
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#69
o-Xylene
Concen: 165.316 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Tgt Ion:106 Resp: 1024408
Ion Ratio Lower Upper
106 100
91 205.5 103.1 309.1





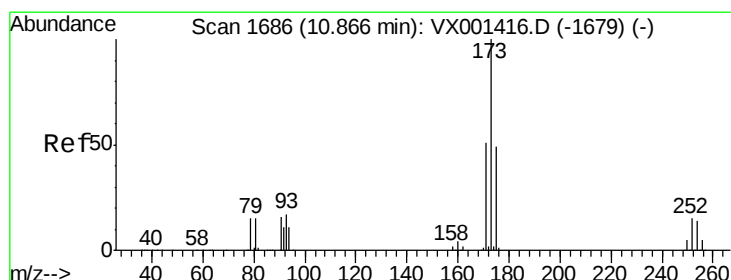
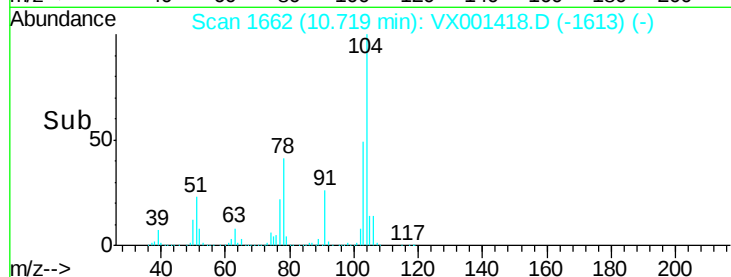
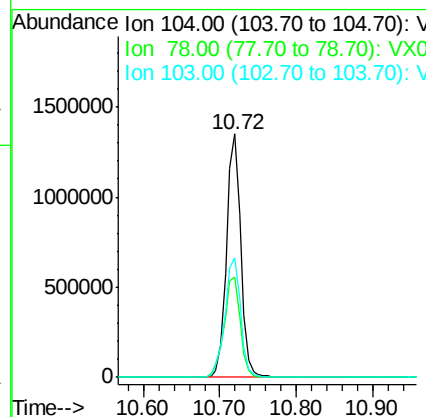
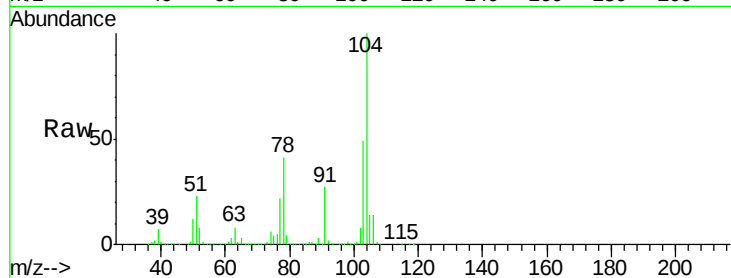
#70
Stvrene
Concen: 171.401 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
104	100		
78	46.9	38.6	58.0
103	54.3	44.0	66.0

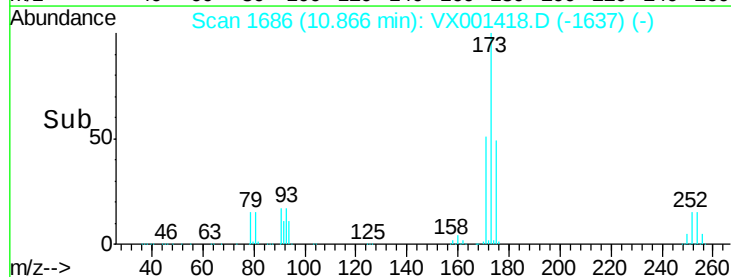
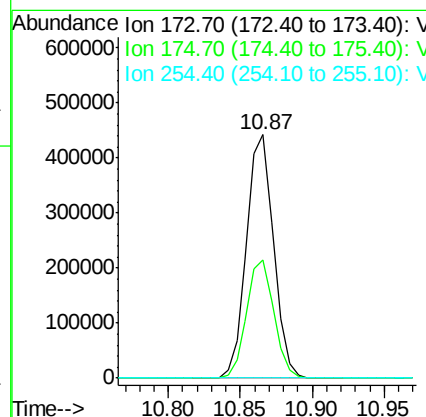
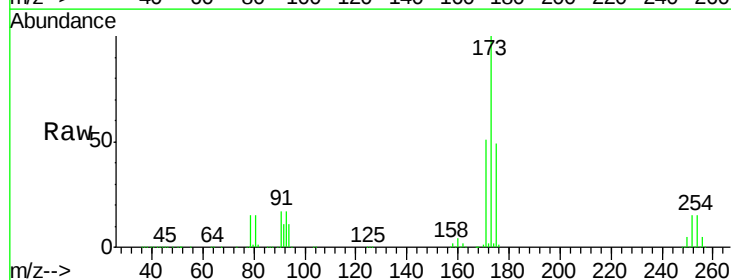
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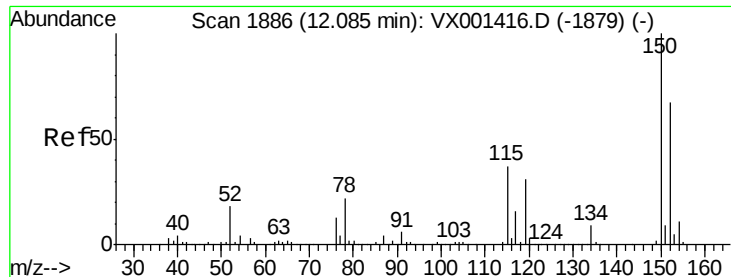
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#71
Bromoform
Concen: 199.743 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.5	73.5
254	0.2	0.2	0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion:152 Resp: 270770

Ion Ratio Lower Upper

152 100

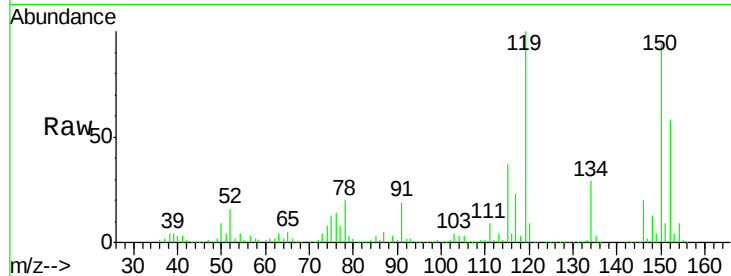
115 122.8 37.7 113.1#

150 211.9 0.0 349.4

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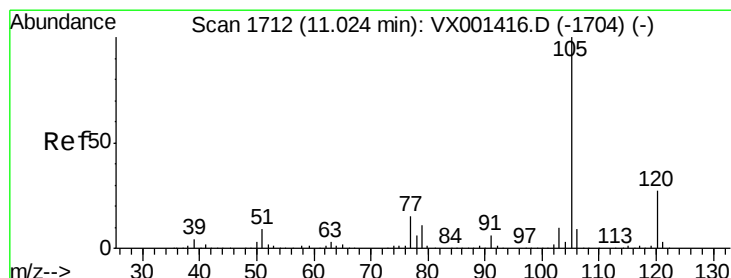
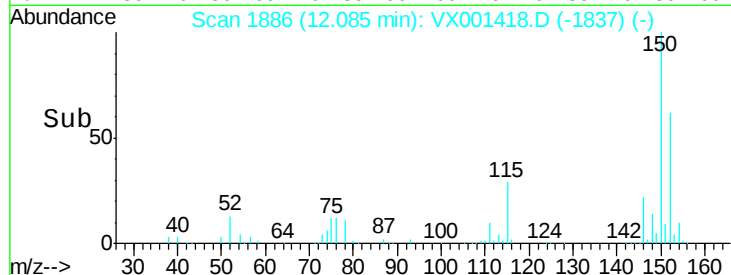
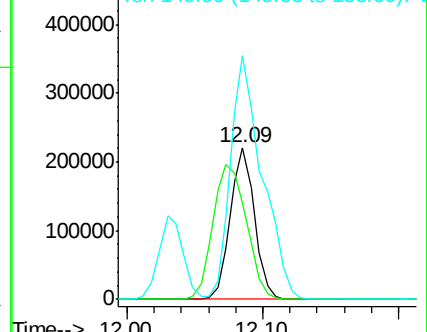
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 148.728 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001418.D

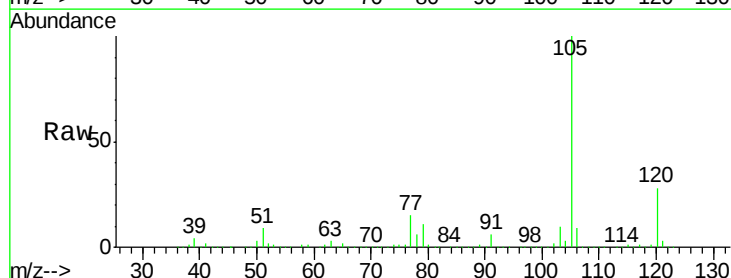
Acq: 05 May 2018 14:17

Tgt Ion:105 Resp: 2722100

Ion Ratio Lower Upper

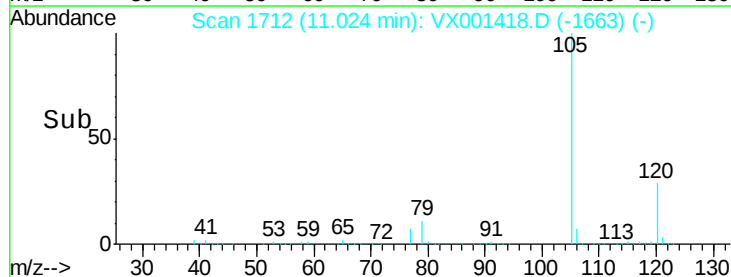
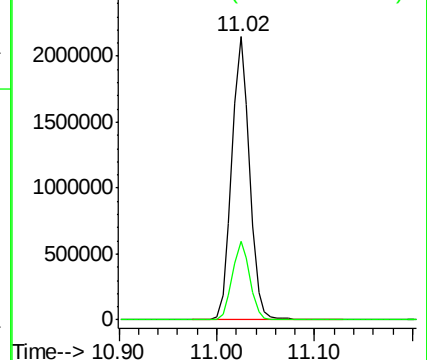
105 100

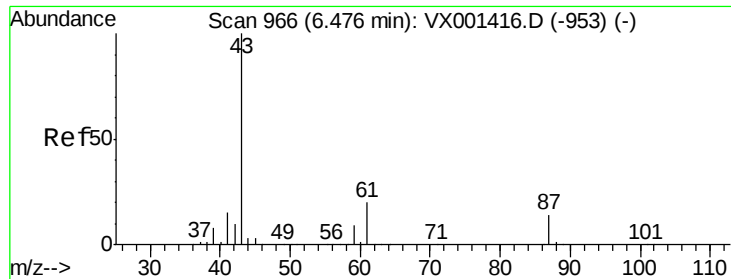
120 27.5 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 156.552 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

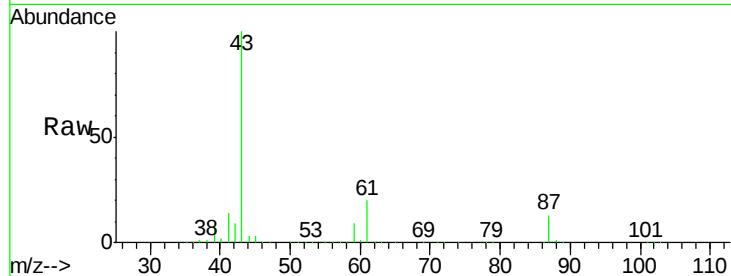
ClientSampleId :

VSTDIC150

Tot Ion:	43	Resp:	1233721
Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.1	0.1	0.1#
61	19.8	15.4	23.0

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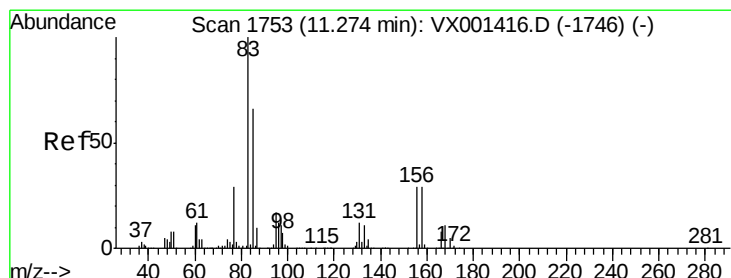
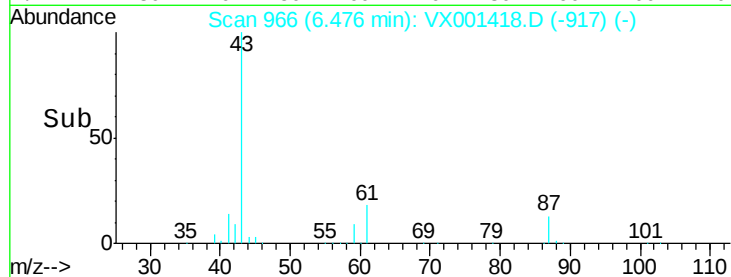
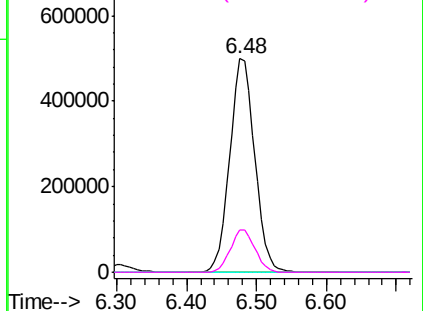


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 155.187 ug/l

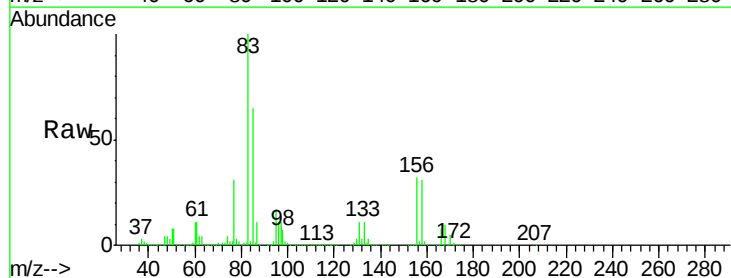
RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

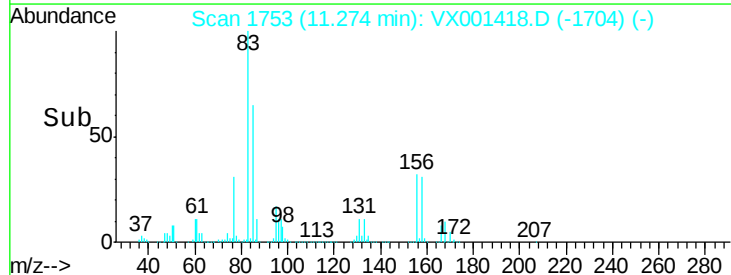
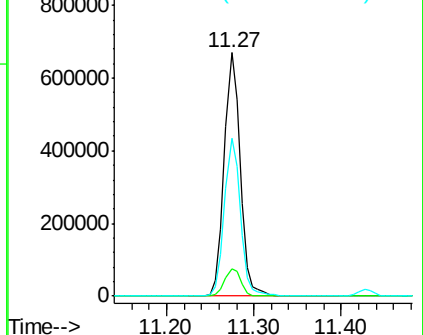
Tgt Ion:	83	Resp:	844043
Ion	Ratio	Lower	Upper
83	100		
131	11.6	5.8	17.4
85	64.9	32.7	98.1

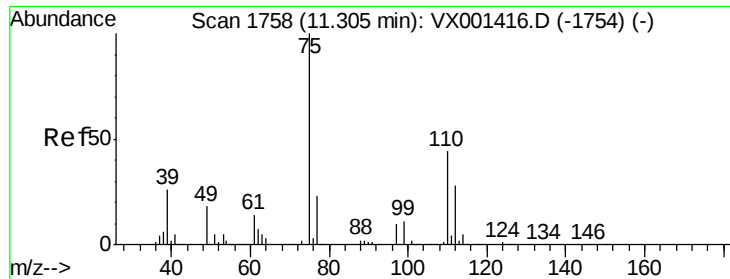


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





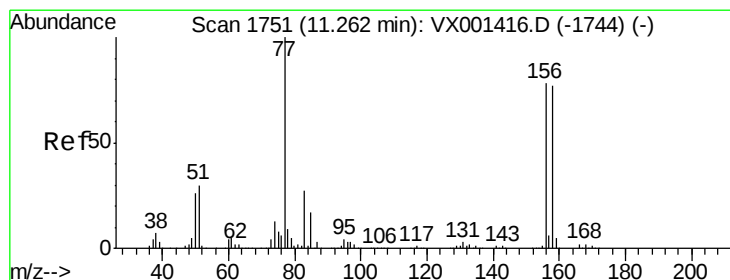
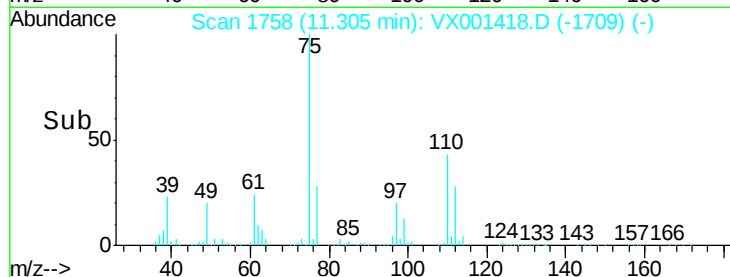
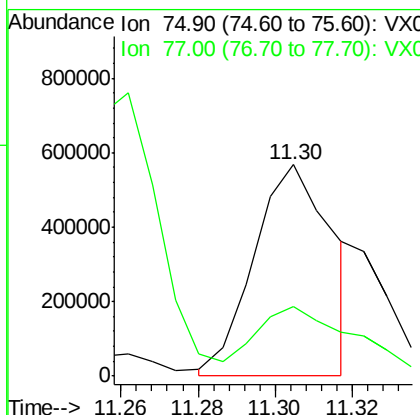
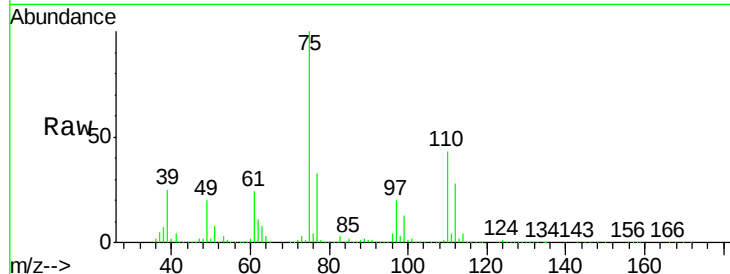
#76
 1,2,3-Trichloropropane
 Concen: 157.765 ug/l m
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	41.4	19.6	58.7

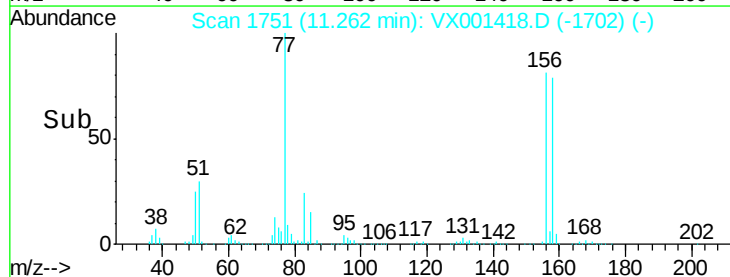
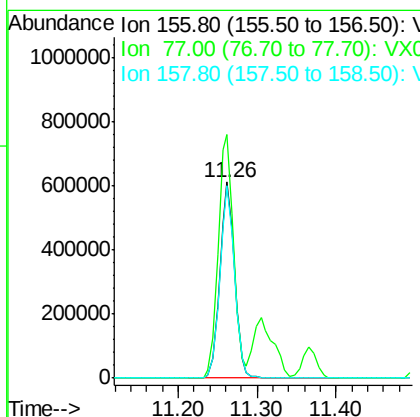
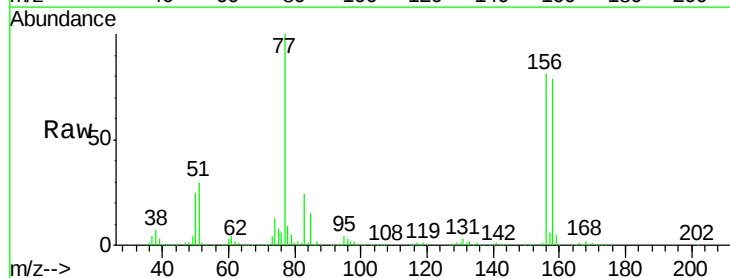
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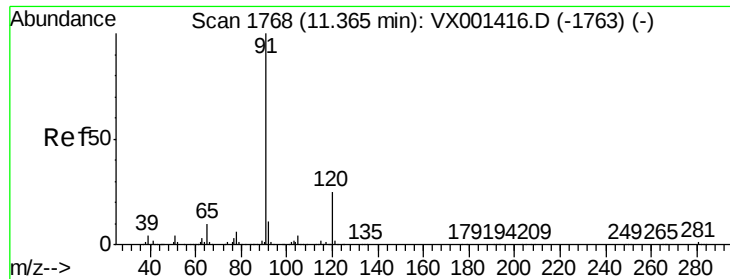
apatel
 5/8/2018 7:53:47 AM



#77
 Bromobenzene
 Concen: 150.858 ug/l
 RT: 11.26 min Scan# 1751
 Delta R.T. 0.00 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

Tgt Ion	Ratio	Lower	Upper
156	100		
77	130.4	66.0	198.2
158	97.6	49.4	148.2





#78

n-propylbenzene

Concen: 148.336 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 91 Resp: 3006211

Ion Ratio Lower Upper

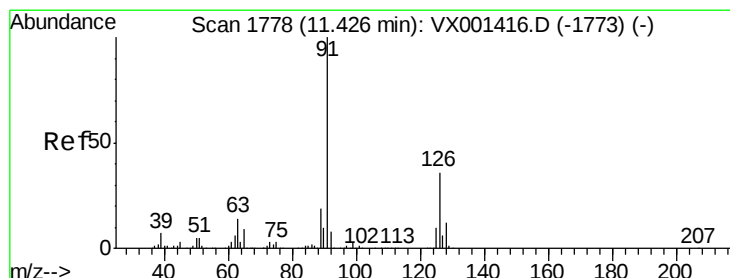
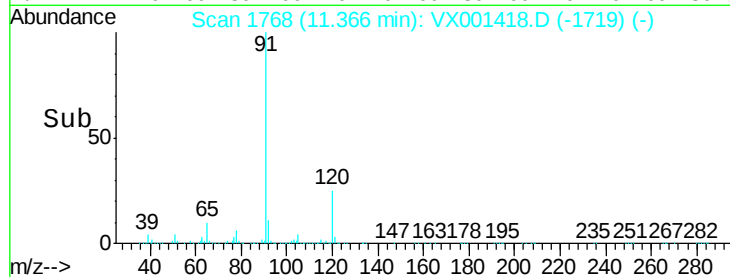
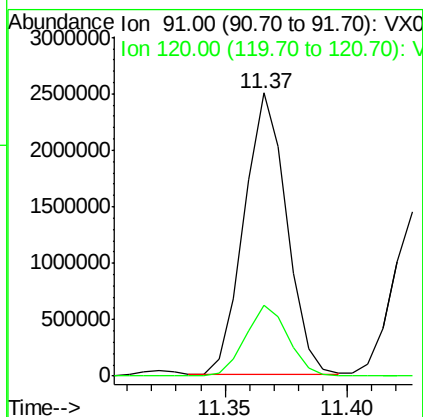
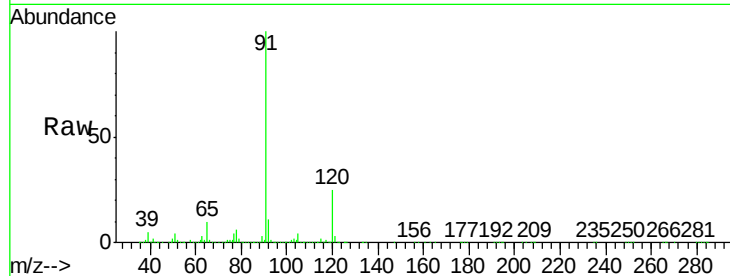
91 100

120 25.5 12.5 37.5

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#79

2-Chlorotoluene

Concen: 147.321 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001418.D

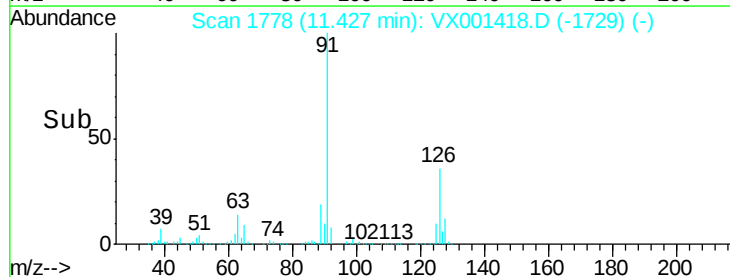
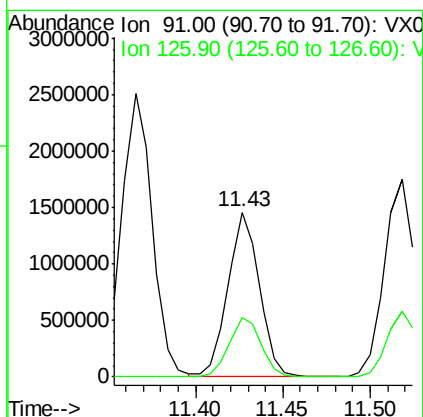
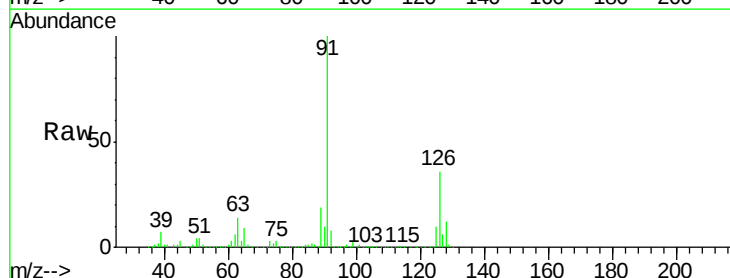
Acq: 05 May 2018 14:17

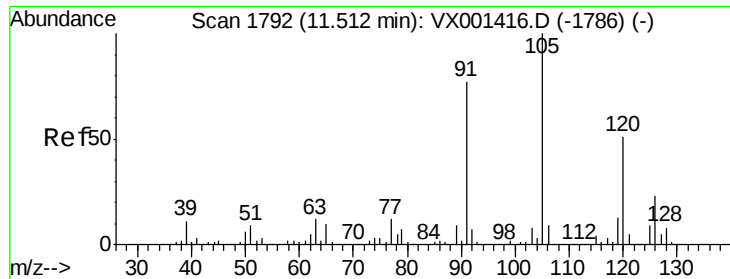
Tgt Ion: 91 Resp: 1804428

Ion Ratio Lower Upper

91 100

126 37.3 18.1 54.4





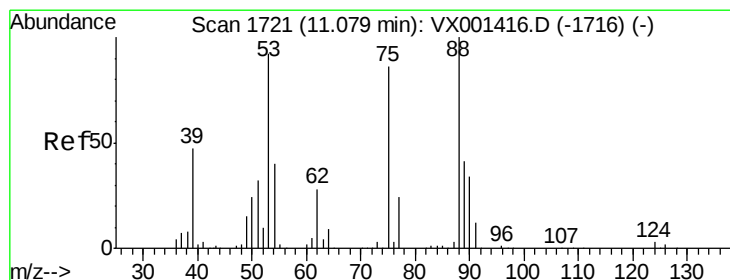
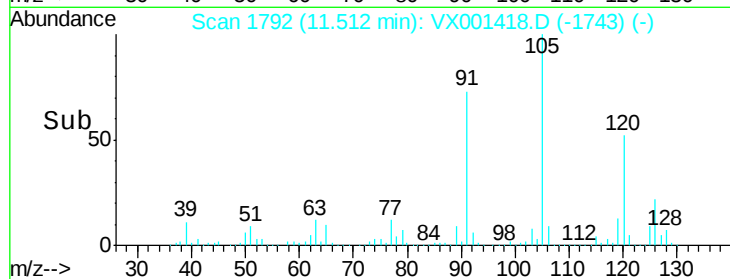
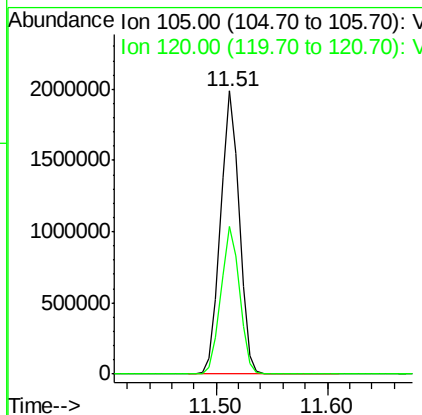
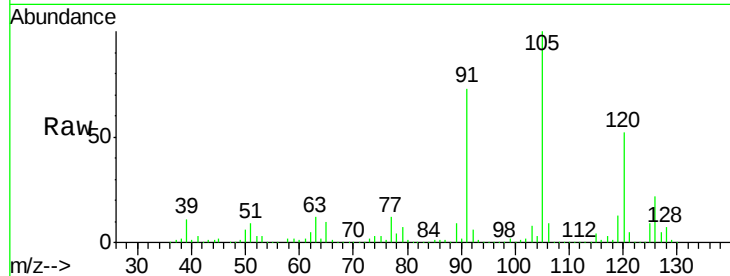
#80
 1,3,5-Trimethylbenzene
 Concen: 151.573 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tot Ion:105 Resp: 2317317
 Ion Ratio Lower Upper
 105 100
 120 52.2 25.7 77.1

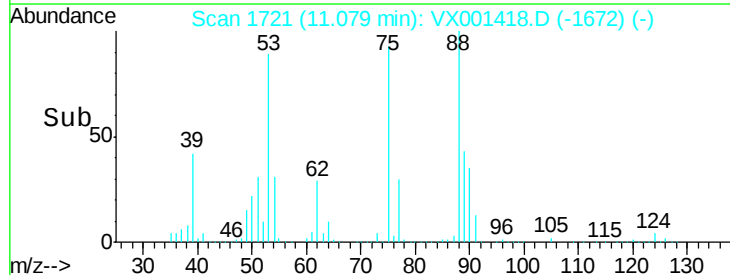
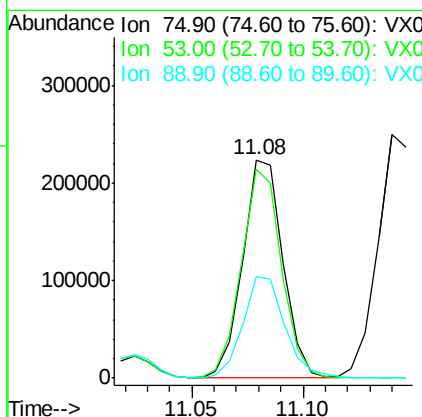
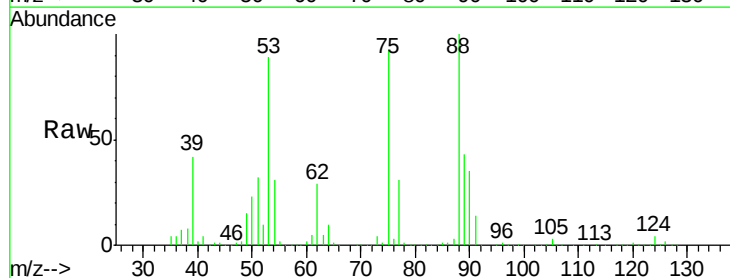
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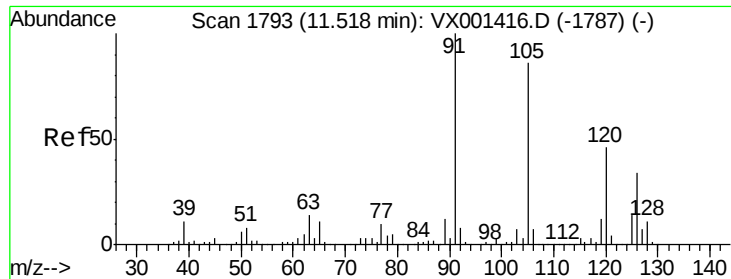
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 211.969 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

Tgt Ion: 75 Resp: 280746
 Ion Ratio Lower Upper
 75 100
 53 96.1 84.5 126.7
 89 49.0 39.5 59.3





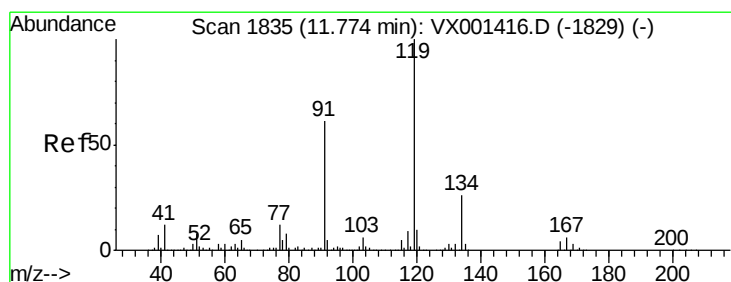
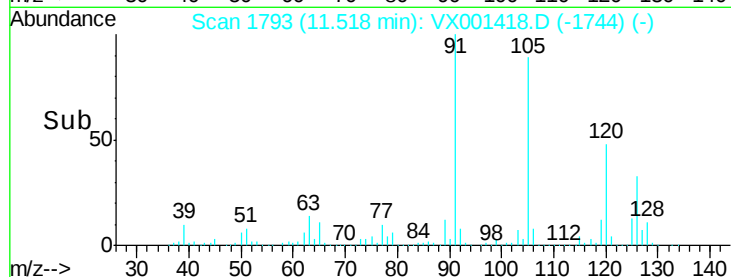
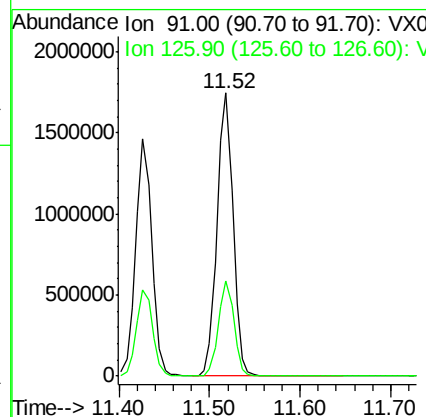
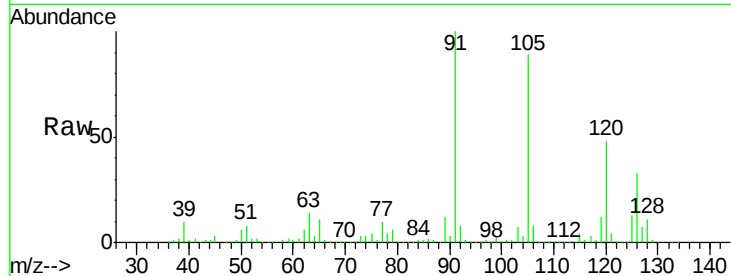
#82
4-Chlorotoluene
Concen: 147.073 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 2154694
Ion Ratio Lower Upper
91 100
126 32.6 16.2 48.5

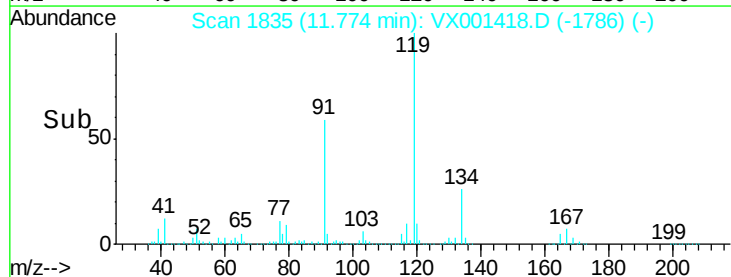
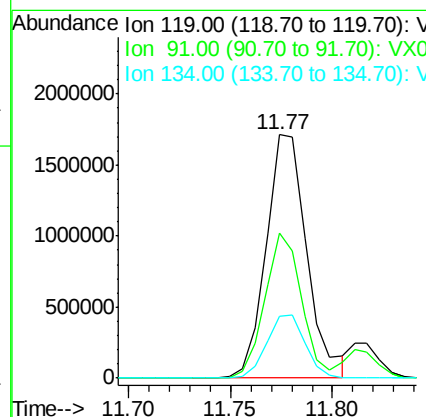
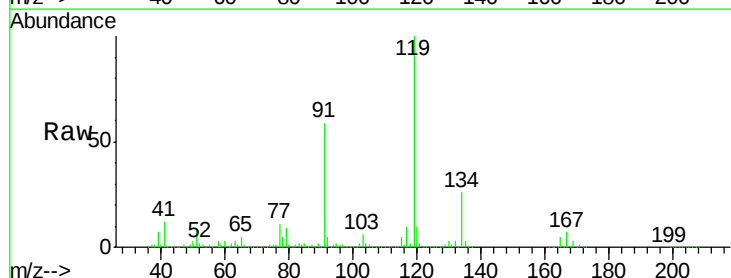
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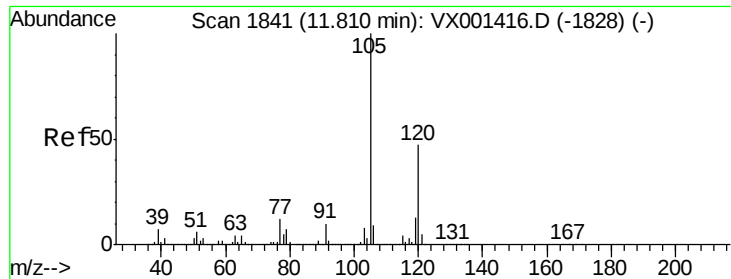
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#83
tert-Butylbenzene
Concen: 156.729 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Tgt Ion: 119 Resp: 2388928
Ion Ratio Lower Upper
119 100
91 53.6 27.8 83.3
134 24.7 12.4 37.0





#84

1,2,4-Trimethylbenzene

Concen: 152.437 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2391644

Ion Ratio Lower Upper

105 100

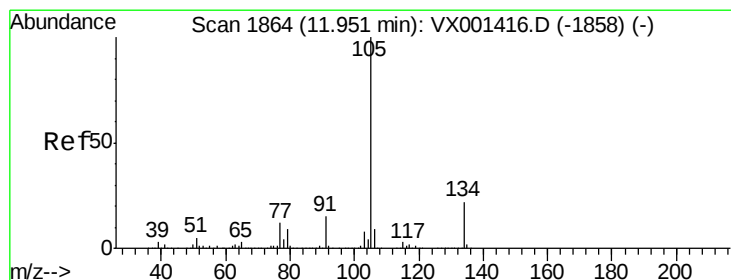
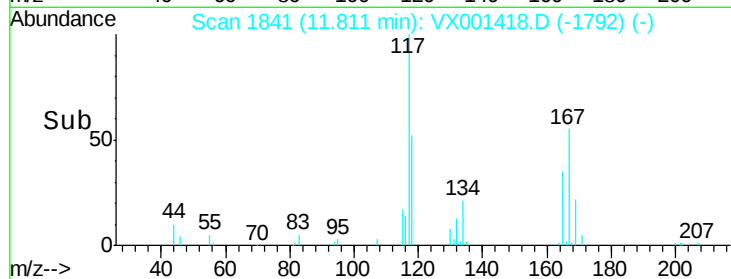
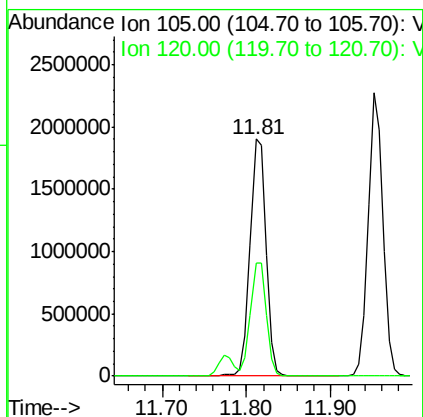
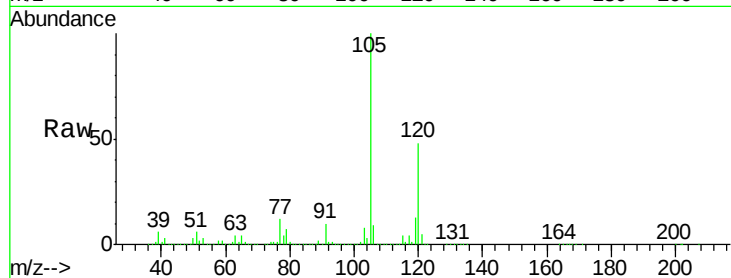
120 47.4 23.4 70.2

Manual Integrations

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#85

sec-Butylbenzene

Concen: 152.240 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001418.D

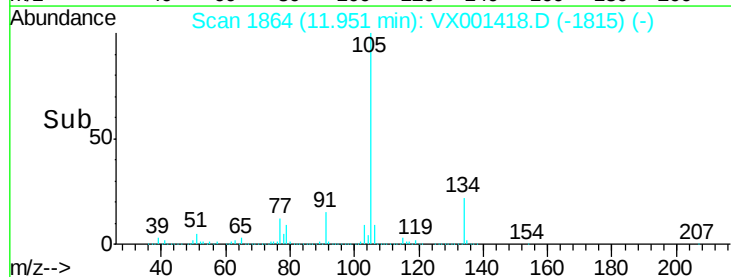
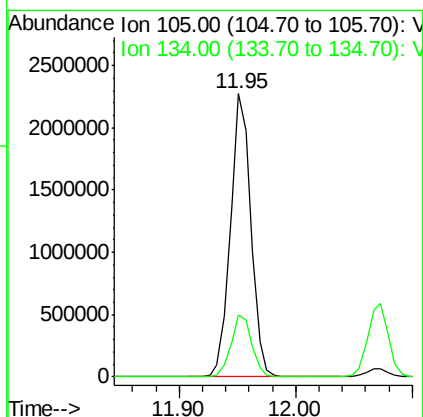
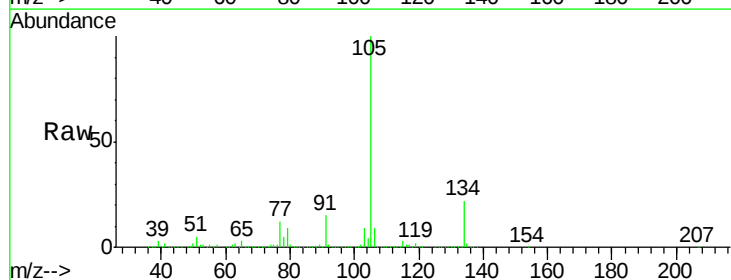
Acq: 05 May 2018 14:17

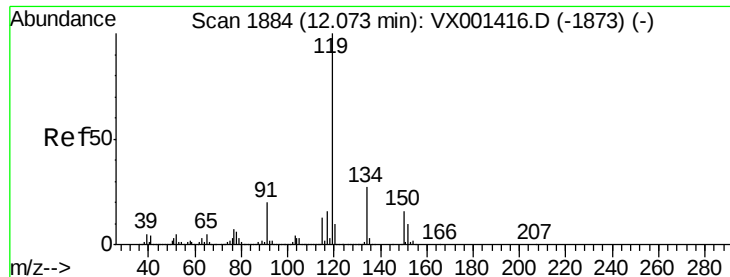
Tgt Ion:105 Resp: 2782190

Ion Ratio Lower Upper

105 100

134 22.2 10.9 32.9





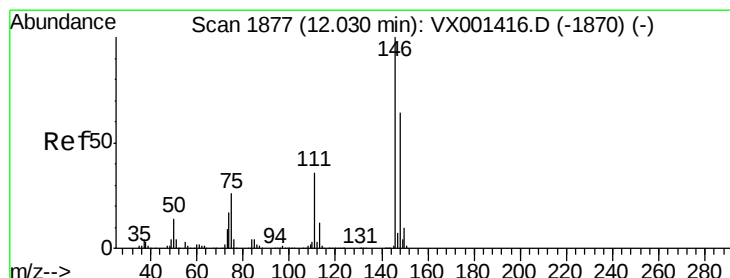
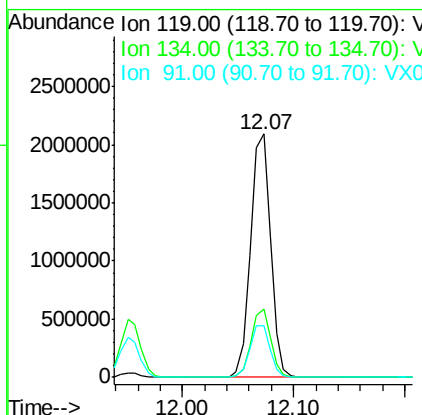
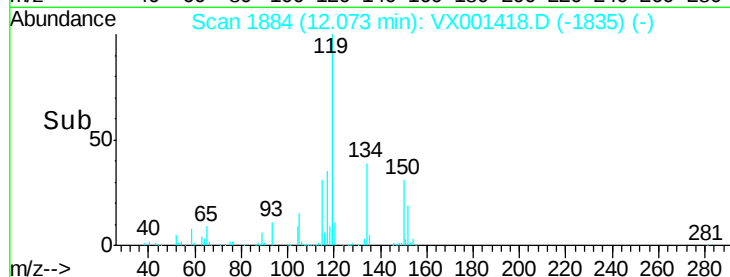
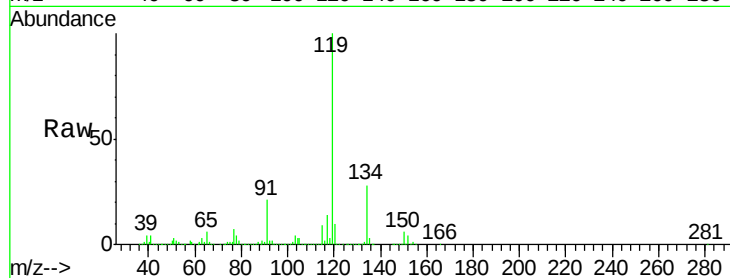
#86
p-Isopropyltoluene
Concen: 155.534 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.4	13.6	40.8
91	21.6	10.8	32.3

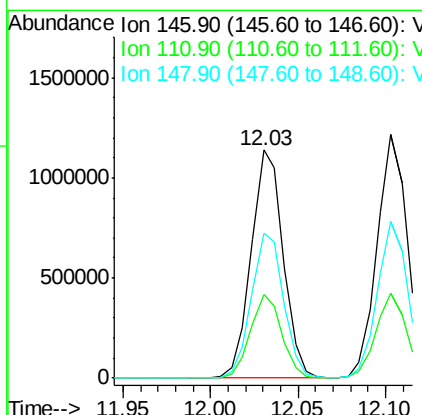
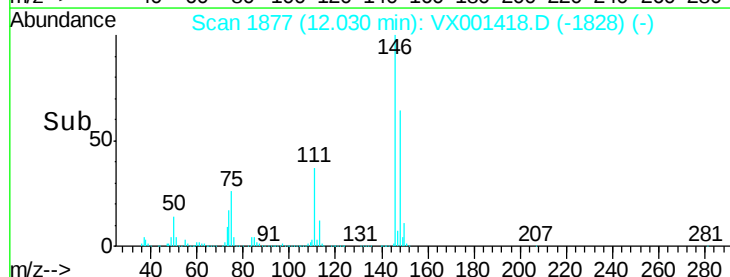
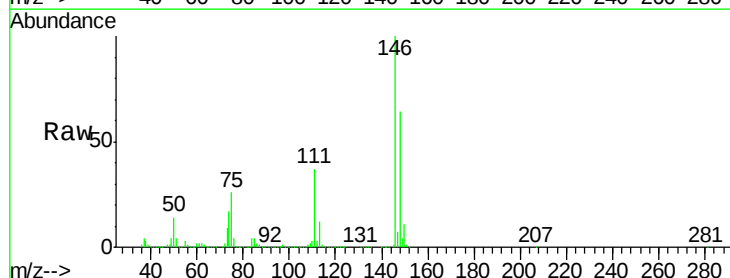
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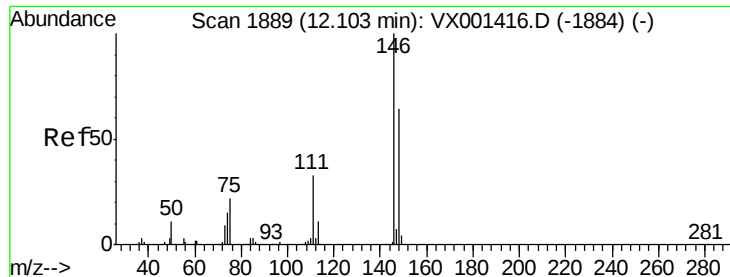
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#87
1,3-Dichlorobenzene
Concen: 147.596 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.1	54.1
148	64.2	32.1	96.5





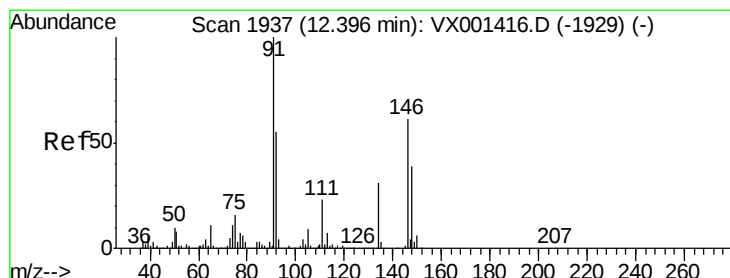
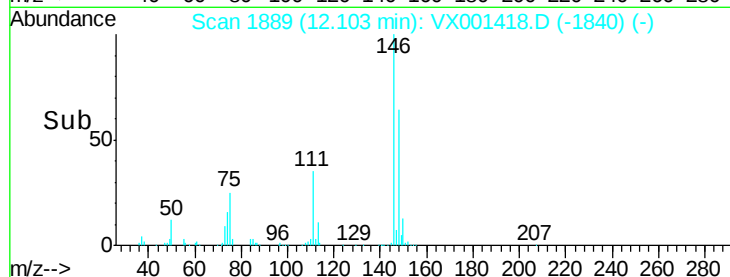
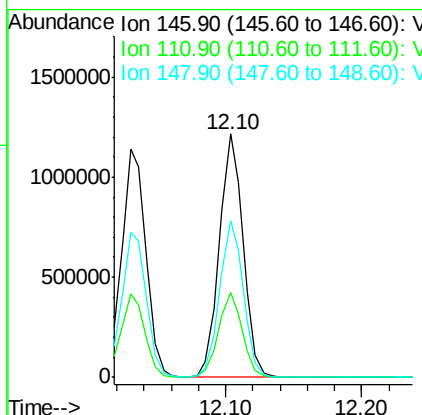
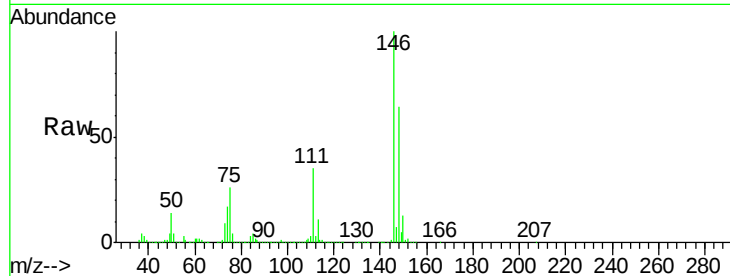
#88
 1,4-Dichlorobenzene
 Concen: 145.579 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	34.6	17.4	52.3
148	64.2	32.2	96.6

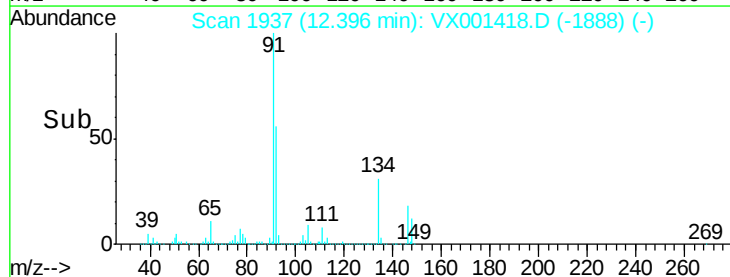
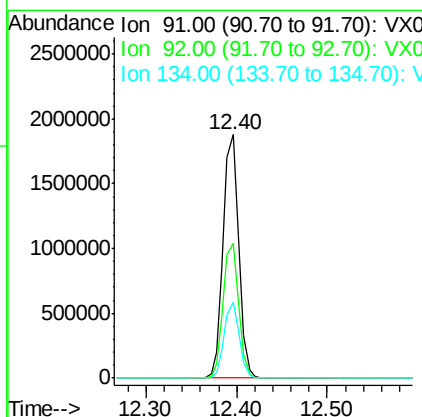
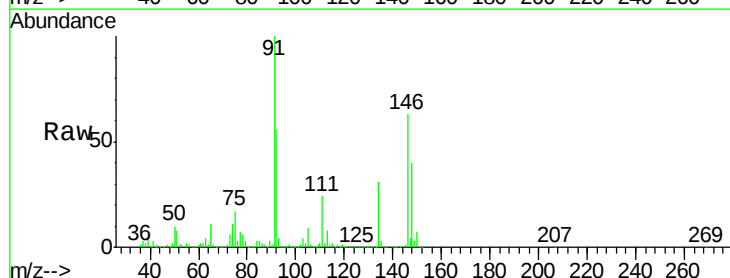
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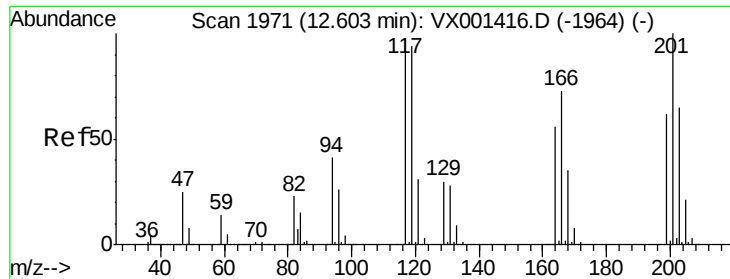
apatel
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#89
 n-Butylbenzene
 Concen: 155.117 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.5	27.2	81.5
134	30.0	14.6	44.0





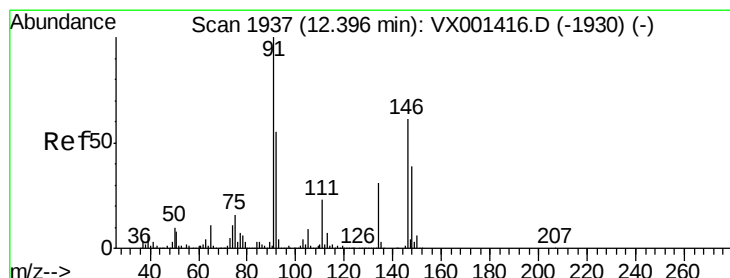
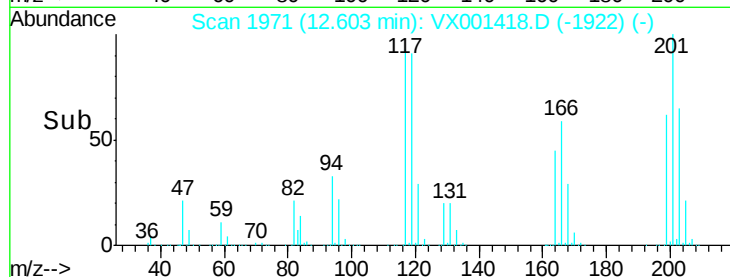
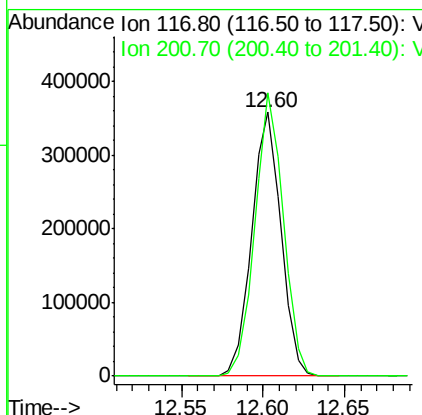
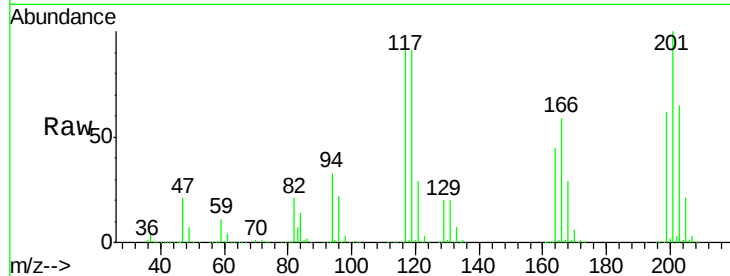
#90
Hexachloroethane
Concen: 183.732 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:117 Resp: 447020
Ion Ratio Lower Upper
117 100
201 104.7 51.5 154.5

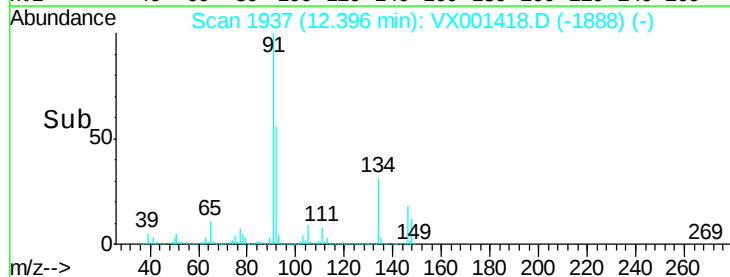
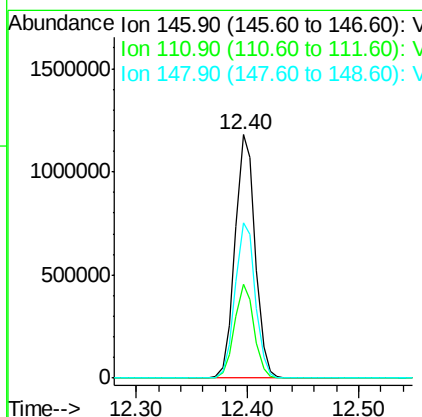
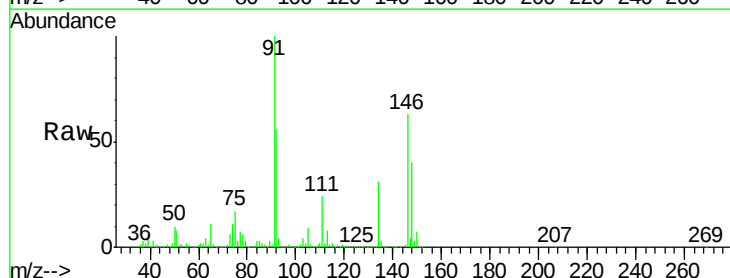
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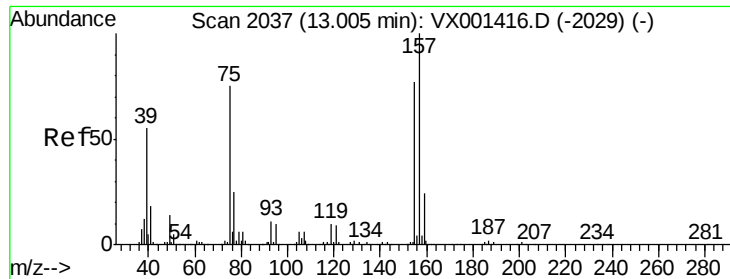
apatel
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#91
1,2-Dichlorobenzene
Concen: 150.218 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001418.D
Acq: 05 May 2018 14:17

Tgt Ion:146 Resp: 1468049
Ion Ratio Lower Upper
146 100
111 37.4 18.6 55.8
148 64.5 32.1 96.5





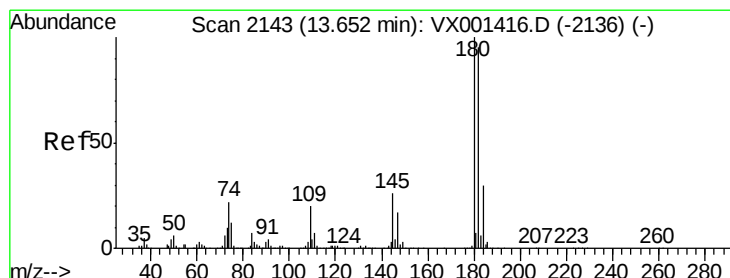
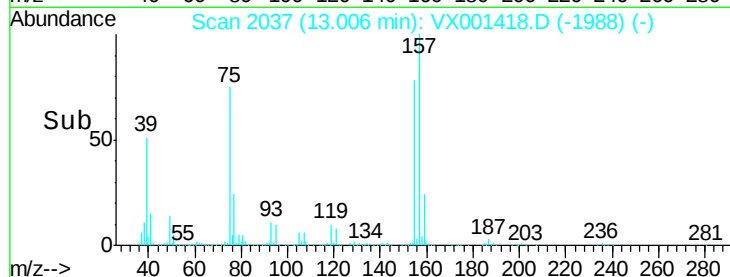
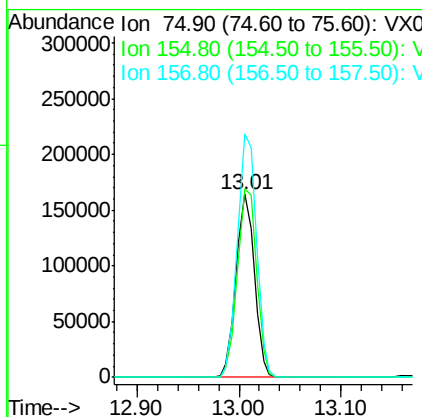
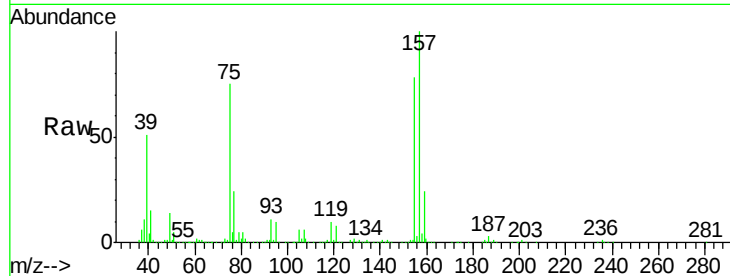
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 182.725 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
155	107.5	53.4	160.2
157	137.5	68.3	204.8

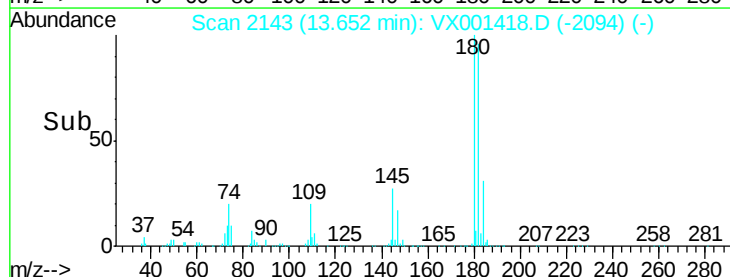
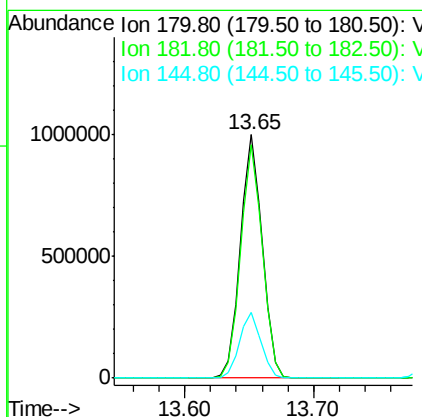
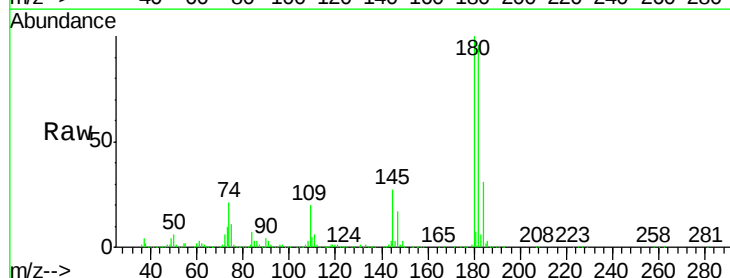
Manual Integrations
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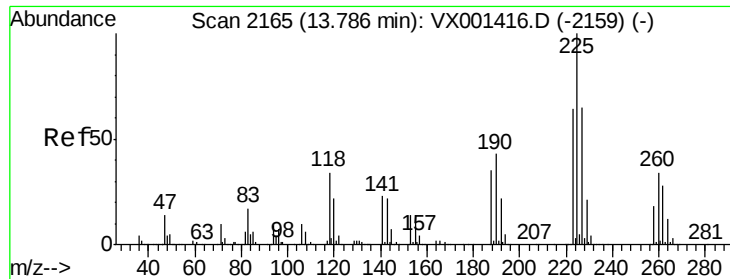
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#93
 1,2,4-Trichlorobenzene
 Concen: 149.430 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.8	143.4
145	26.9	13.3	39.9





#94

Hexachlorobutadiene

Concen: 150.210 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Instrument :

MSVOA_X

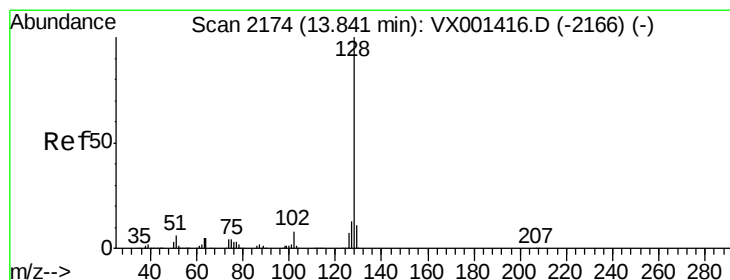
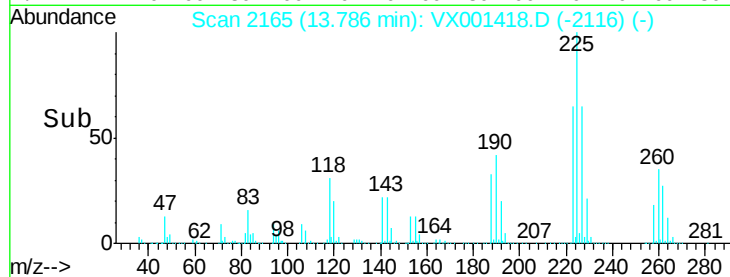
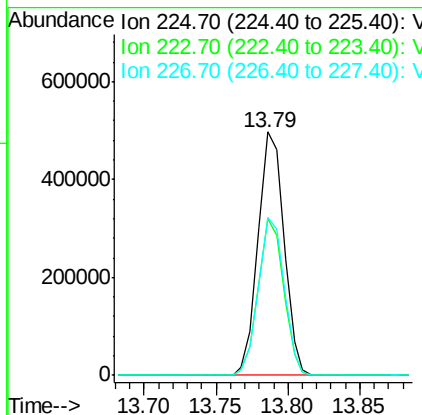
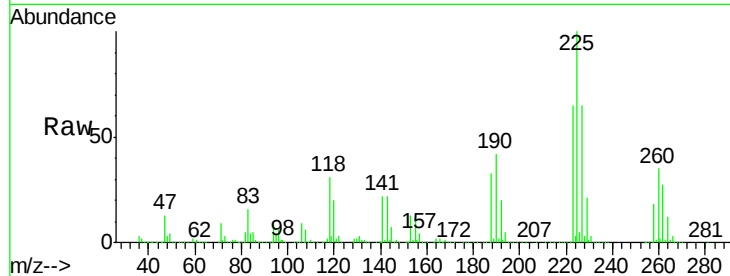
ClientSampleId :

VSTDICC150

Tot Ion:	225	Resp:	616006
Ion Ratio		Lower	Upper
225	100		
223	62.9	31.3	93.9
227	64.5	32.4	97.2

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#95

Naphthalene

Concen: 159.238 ug/l

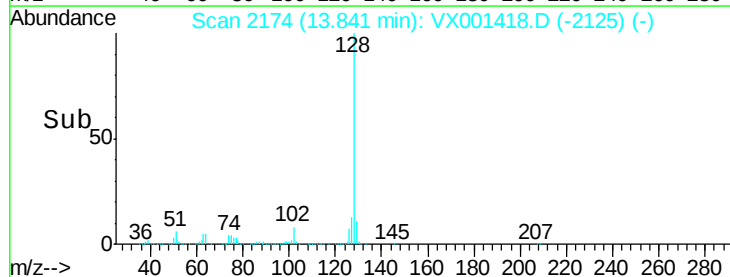
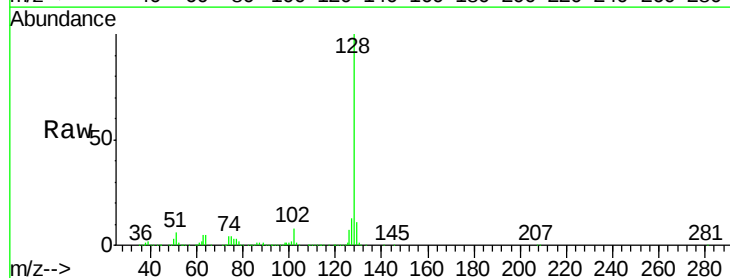
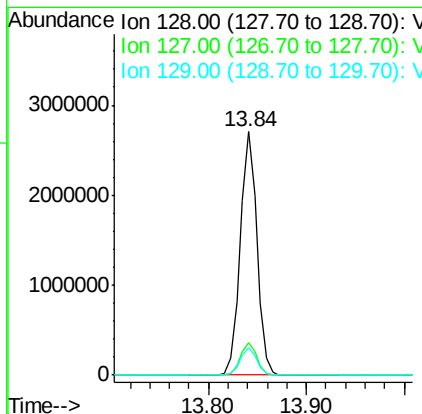
RT: 13.84 min Scan# 2174

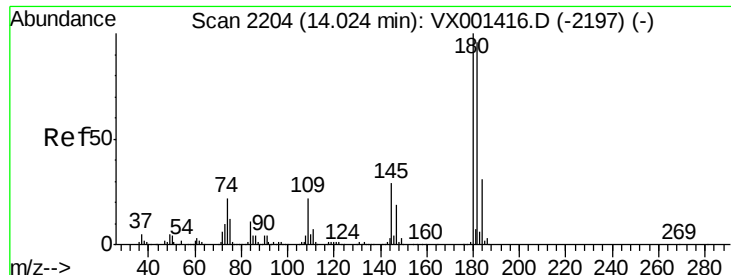
Delta R.T. 0.00 min

Lab File: VX001418.D

Acq: 05 May 2018 14:17

Tgt Ion:	128	Resp:	3184373
Ion Ratio		Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.1	8.7	13.1





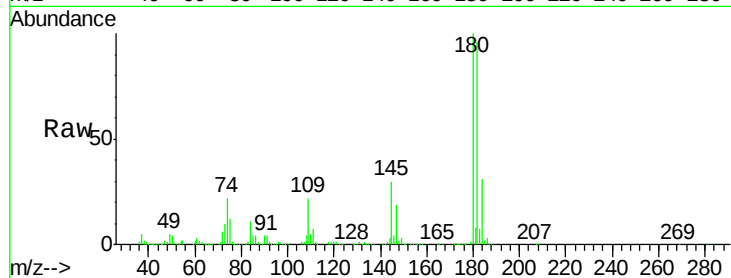
#96
 1,2,3-Trichlorobenzene
 Concen: 150.398 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX001418.D
 Acq: 05 May 2018 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	48.0	144.2
145	28.5	14.1	42.4

Manual Integrations
 APPROVED

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Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

