

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052920\
 Data File : VX016514.D
 Acq On : 29 May 2020 16:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 30 01:43:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	355447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	569125	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	530429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	255334	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	199739	45.25	ug/l	0.00
Spiked Amount			Recovery	=	90.50%	
35) Dibromofluoromethane	5.46	113	163730	46.72	ug/l	0.00
Spiked Amount			Recovery	=	93.44%	
50) Toluene-d8	8.70	98	640304	46.94	ug/l	0.00
Spiked Amount			Recovery	=	93.88%	
62) 4-Bromofluorobenzene	11.12	95	242957	46.10	ug/l	0.00
Spiked Amount			Recovery	=	92.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	156993	44.881	ug/l	95
3) Chloromethane	1.31	50	172691	40.853	ug/l	100
4) Vinyl Chloride	1.39	62	190130	42.531	ug/l	98
5) Bromomethane	1.62	94	97856	45.021	ug/l	98
6) Chloroethane	1.70	64	116743	44.769	ug/l	94
7) Trichlorofluoromethane	1.92	101	252593	43.025	ug/l	99
8) Diethyl Ether	2.17	74	106768	43.614	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	156556	48.452	ug/l	98
10) Methyl Iodide	2.49	142	165518	43.312	ug/l	97
11) Tert butyl alcohol	3.01	59	264529	233.696	ug/l	100
12) 1,1-Dichloroethene	2.36	96	164440	48.080	ug/l	99
13) Acrolein	2.27	56	113610	235.945	ug/l	99
14) Allyl chloride	2.71	41	308852	49.103	ug/l	98
15) Acrylonitrile	3.12	53	573416	247.301	ug/l	98
16) Acetone	2.42	43	470963	243.523	ug/l	100
17) Carbon Disulfide	2.55	76	479037	47.165	ug/l	99
18) Methyl Acetate	2.75	43	247133	49.823	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	602433	49.052	ug/l	100
20) Methylene Chloride	2.83	84	188126	47.017	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	183295	48.451	ug/l	97
22) Diisopropyl ether	3.82	45	582651	48.220	ug/l	99
23) Vinyl Acetate	3.79	43	2613678	247.125	ug/l	98
24) 1,1-Dichloroethane	3.67	63	327841	48.071	ug/l	99
25) 2-Butanone	4.64	43	795725	242.820	ug/l	98
26) 2,2-Dichloropropane	4.55	77	292936	52.492	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	209475	47.863	ug/l	99
28) Bromochloromethane	4.98	49	143477	45.272	ug/l	96
29) Tetrahydrofuran	5.09	42	521966	246.547	ug/l	98
30) Chloroform	5.18	83	328324	47.779	ug/l	99
31) Cyclohexane	5.55	56	297490	48.487	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	294615	47.356	ug/l	99
36) 1,1-Dichloropropene	5.77	75	252486	46.856	ug/l	98
37) Ethyl Acetate	4.79	43	298526	46.144	ug/l	98
38) Carbon Tetrachloride	5.75	117	259863	45.890	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	301161	51.455	ug/l	99
40) Benzene	6.12	78	808219	50.366	ug/l	99
41) Methacrylonitrile	5.00	41	162177	45.638	ug/l	99
42) 1,2-Dichloroethane	6.16	62	259738	45.515	ug/l	99
43) Isopropyl Acetate	6.42	43	481365	47.702	ug/l	99
44) Trichloroethene	7.19	130	226440	44.476	ug/l	95
45) 1,2-Dichloropropane	7.49	63	194971	47.727	ug/l	98
46) Dibromomethane	7.64	93	127813	46.581	ug/l	97
47) Bromodichloromethane	7.88	83	265437	46.720	ug/l	99
48) Methyl methacrylate	7.74	41	230216	47.648	ug/l	97
49) 1,4-Dioxane	7.71	88	100116	885.418	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1521445	242.140	ug/l	99
52) Toluene	8.77	92	706771	69.846	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	313843	48.580	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	336844	49.260	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	193430	48.077	ug/l	98
56) Ethyl methacrylate	9.16	69	325848	49.729	ug/l	99
57) 1,3-Dichloropropane	9.35	76	332431	48.138	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	832919	243.534	ug/l	99
59) 2-Hexanone	9.48	43	1183277	242.163	ug/l	98
60) Dibromochloromethane	9.57	129	217127	47.955	ug/l	99
61) 1,2-Dibromoethane	9.65	107	208872	48.480	ug/l	99
64) Tetrachloroethene	9.32	164	246218	41.490	ug/l	98
65) Chlorobenzene	10.12	112	512387	47.382	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	196380	47.573	ug/l	99
67) Ethyl Benzene	10.24	91	1007112	52.308	ug/l	99
68) m/p-Xylenes	10.34	106	802319	112.391	ug/l	100
69) o-Xylene	10.68	106	375934	54.377	ug/l	96
70) Styrene	10.70	104	588299	49.507	ug/l	99
71) Bromoform	10.84	173	167465	48.002	ug/l	# 99
73) Isopropylbenzene	11.01	105	892662	50.457	ug/l	100
74) N-amyl acetate	10.88	43	420356	51.656	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	249639	56.303	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	375140	66.842	ug/l	84
77) Bromobenzene	11.24	156	226588	48.832	ug/l	99
78) n-propylbenzene	11.34	91	1023428	51.779	ug/l	99
79) 2-Chlorotoluene	11.40	91	613248	50.830	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	778491	52.700	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	117637	51.559	ug/l	98
82) 4-Chlorotoluene	11.49	91	707206	49.639	ug/l	100
83) tert-Butylbenzene	11.76	119	667262	52.864	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	891065	59.645	ug/l	100
85) sec-Butylbenzene	11.93	105	812786	51.331	ug/l	100
86) p-Isopropyltoluene	12.05	119	769250	51.863	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	388419	48.317	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	394394	47.969	ug/l	99
89) n-Butylbenzene	12.37	91	652016	52.776	ug/l	98
90) Hexachloroethane	12.58	117	133594	52.145	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	376498	48.340	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	70859	49.339	ug/l	99

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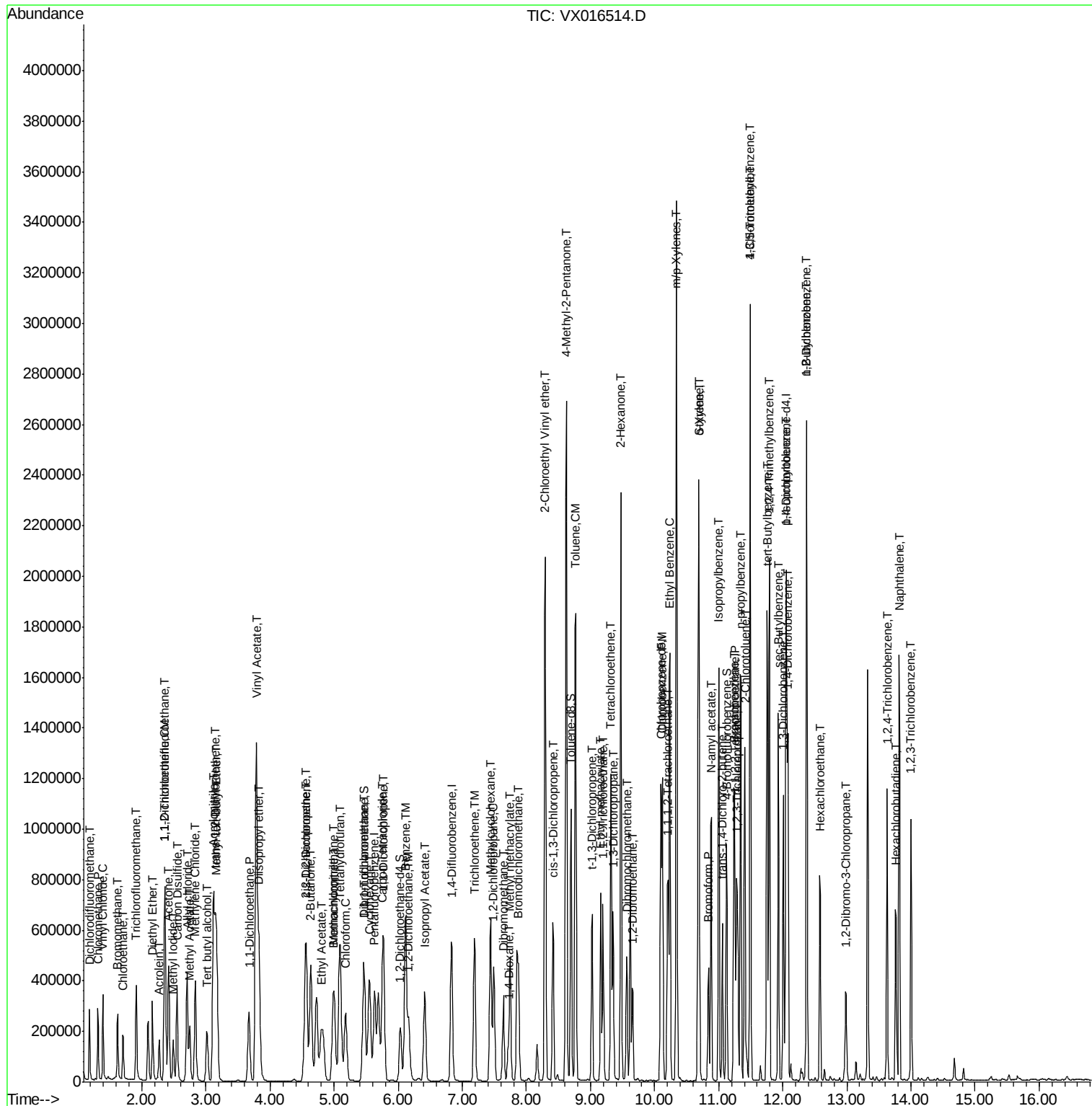
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	274912	53.147	ug/l	99
94) Hexachlorobutadiene	13.77	225	108307	53.329	ug/l	97
95) Naphthalene	13.82	128	1008653	56.881	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	261251	51.553	ug/l	98

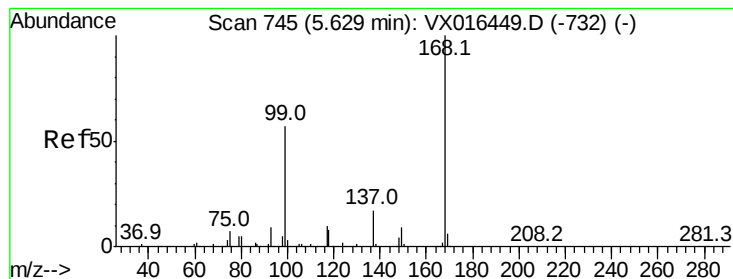
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

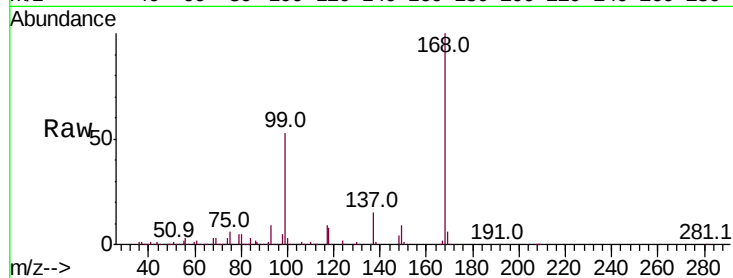
VSTDCCC050EC

Tot Ion:168 Resp: 355447

Ion Ratio Lower Upper

168 100

99 52.9 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.64

150000

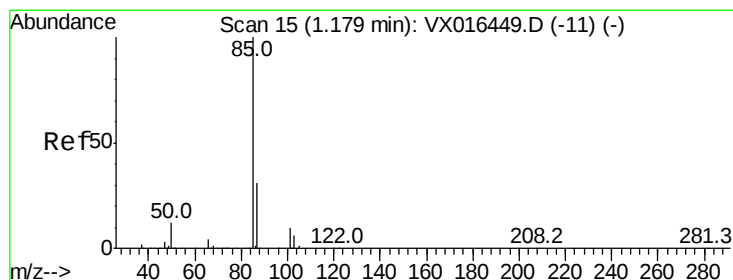
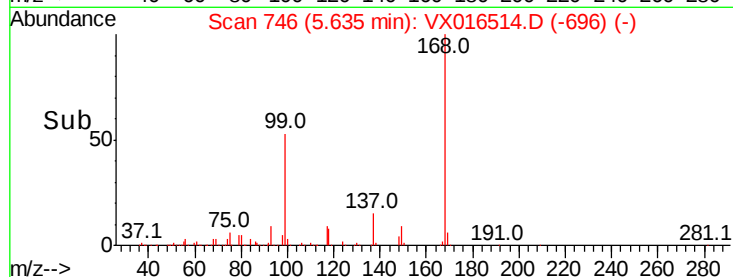
100000

50000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 44.881 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016514.D

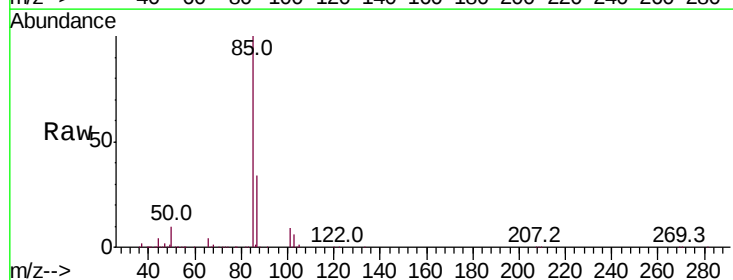
Acq: 29 May 2020 16:25

Tgt Ion: 85 Resp: 156993

Ion Ratio Lower Upper

85 100

87 33.5 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

150000

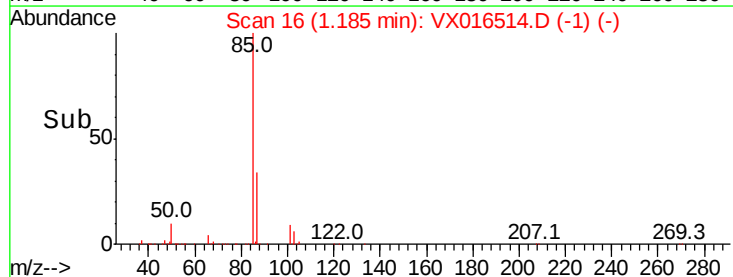
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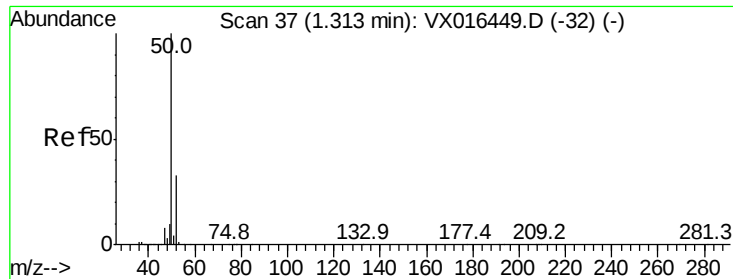
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 40.853 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

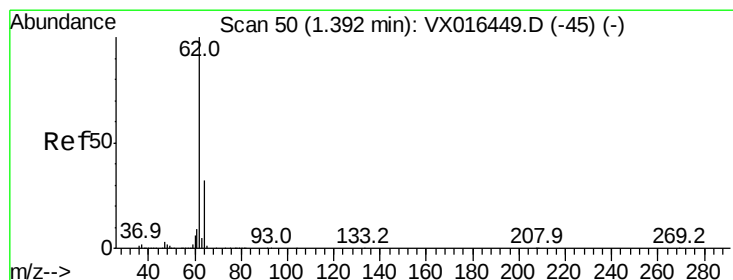
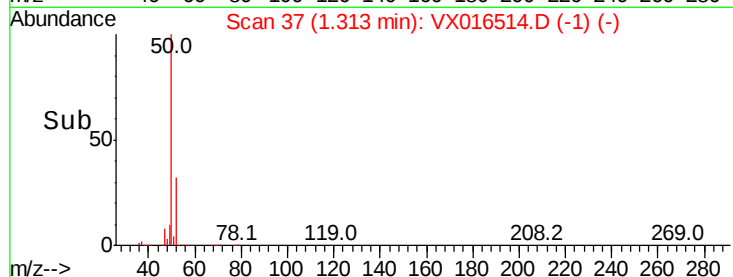
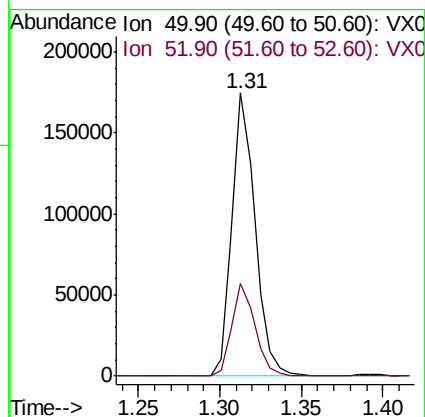
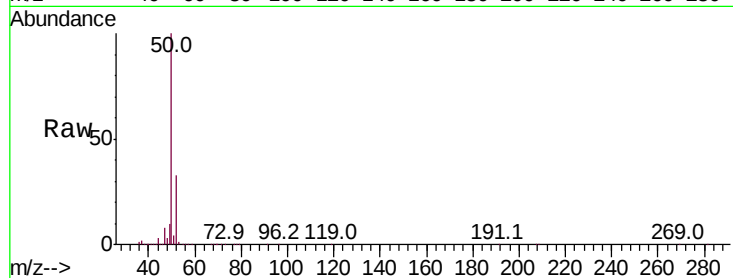
VSTDCCC050EC

Tot Ion: 50 Resp: 172691

Ion Ratio Lower Upper

50 100

52 32.5 26.2 39.2



#4

Vinyl Chloride

Concen: 42.531 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016514.D

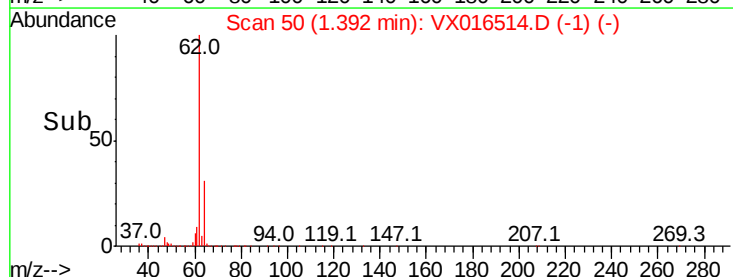
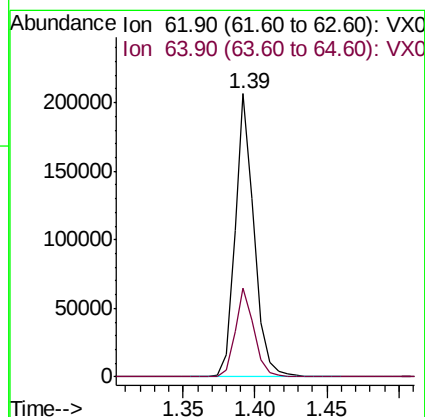
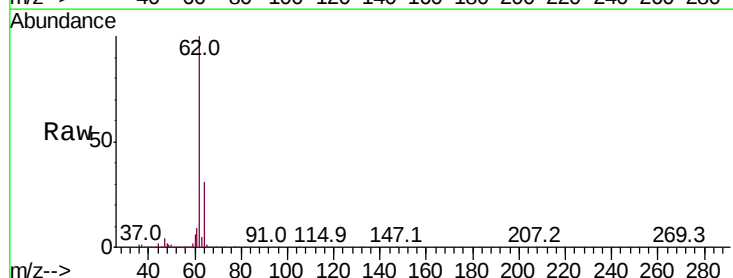
Acq: 29 May 2020 16:25

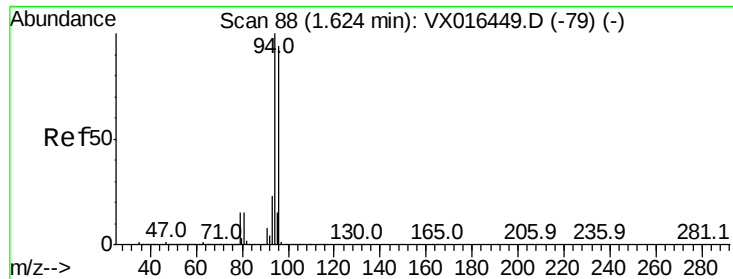
Tgt Ion: 62 Resp: 190130

Ion Ratio Lower Upper

62 100

64 31.2 25.9 38.9





#5

Bromomethane

Concen: 45.021 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

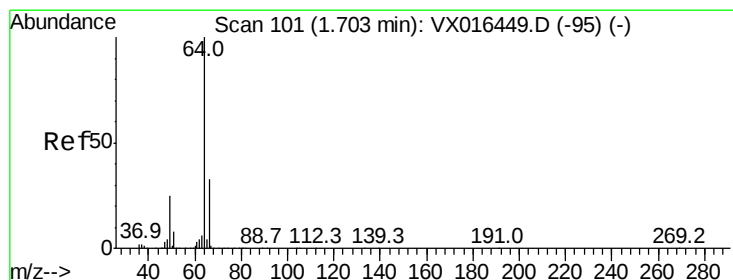
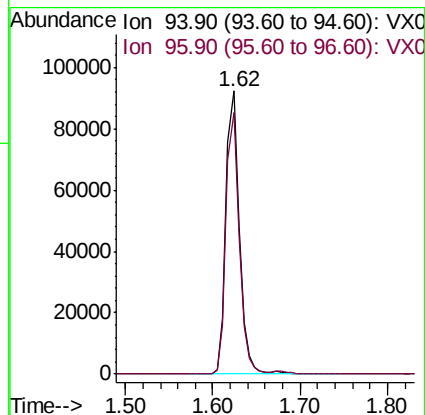
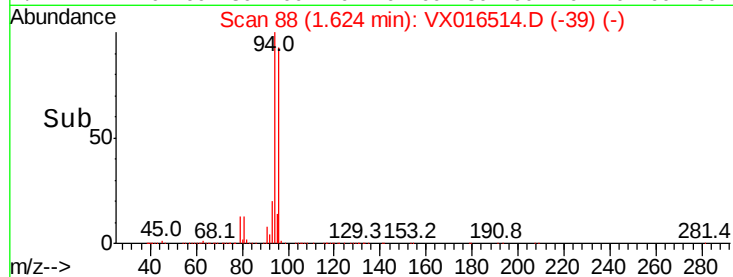
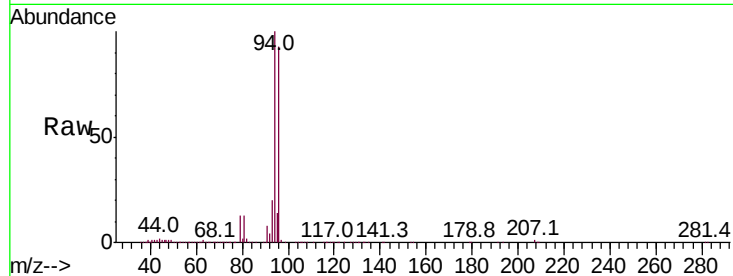
VSTDCCC050EC

Tot Ion: 94 Resp: 97856

Ion Ratio Lower Upper

94 100

96 92.4 75.1 112.7



#6

Chloroethane

Concen: 44.769 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016514.D

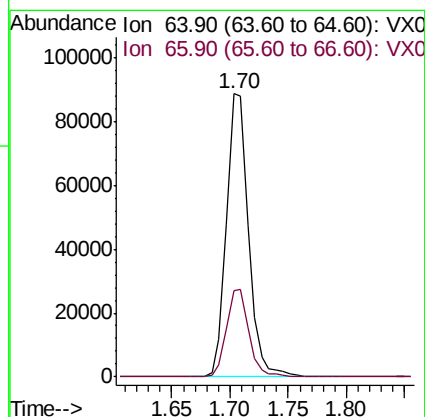
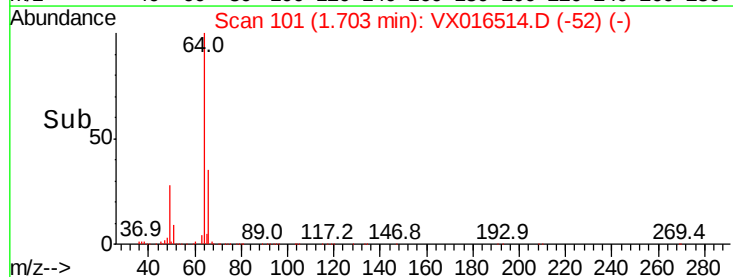
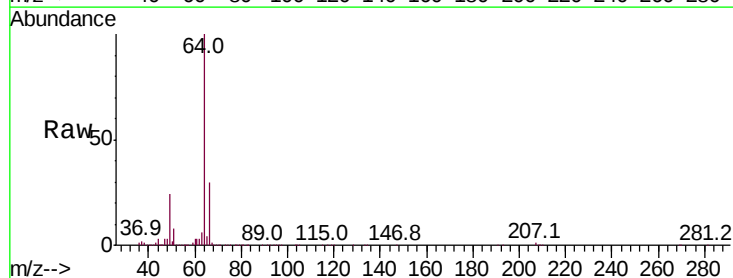
Acq: 29 May 2020 16:25

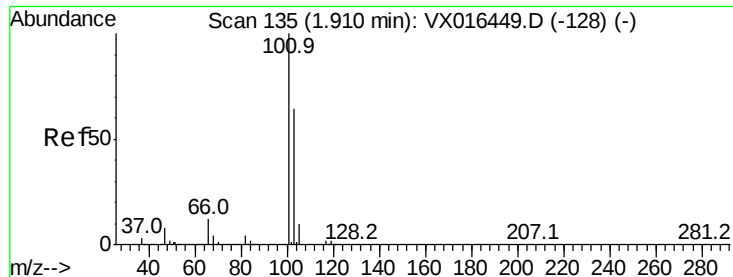
Tgt Ion: 64 Resp: 116743

Ion Ratio Lower Upper

64 100

66 30.2 26.7 40.1



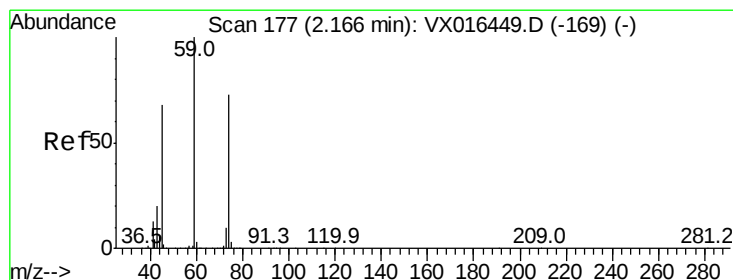
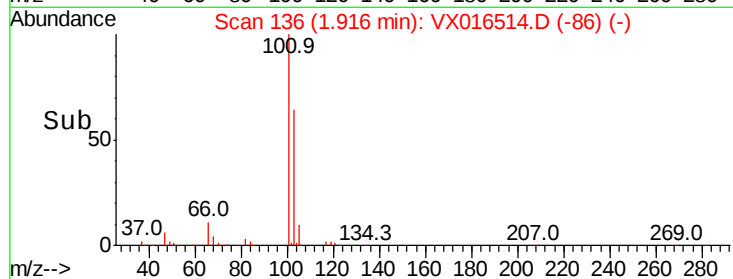
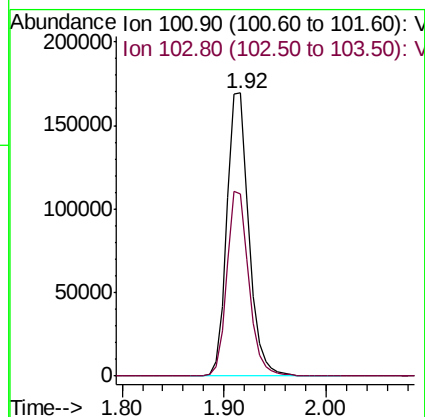
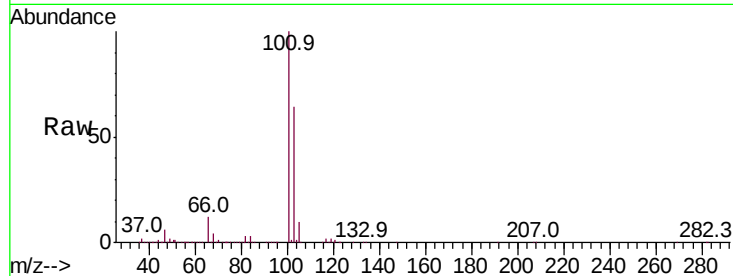


#7

Trichlorofluoromethane
Concen: 43.025 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Instrument :
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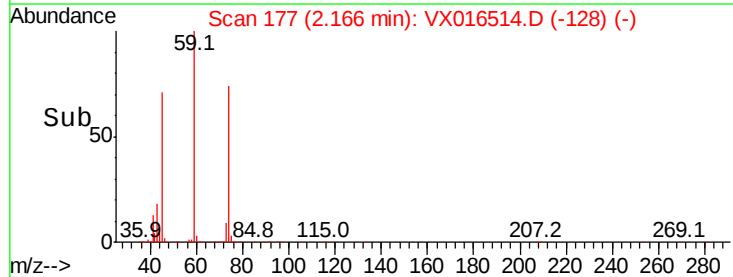
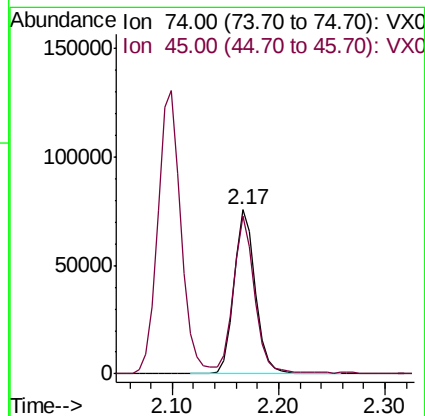
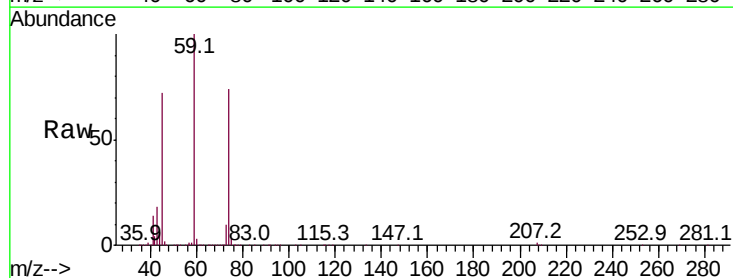
Tot Ion:101 Resp: 252593
Ion Ratio Lower Upper
101 100
103 64.4 50.9 76.3

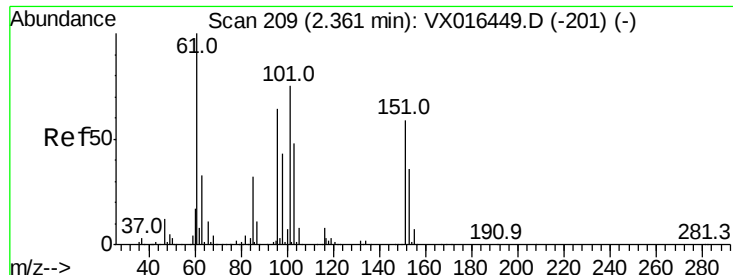


#8

Diethyl Ether
Concen: 43.614 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Tgt Ion: 74 Resp: 106768
Ion Ratio Lower Upper
74 100
45 96.7 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.452 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

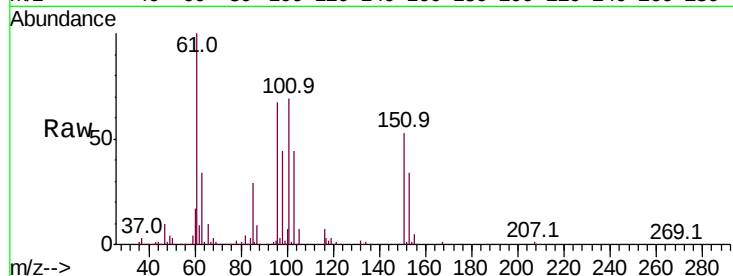
Tot Ion:101 Resp: 156556

Ion Ratio Lower Upper

101 100

85 42.0 34.4 51.6

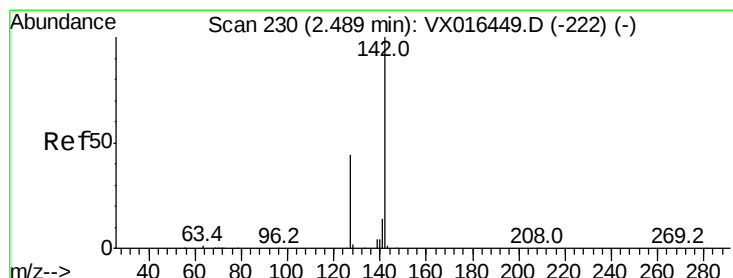
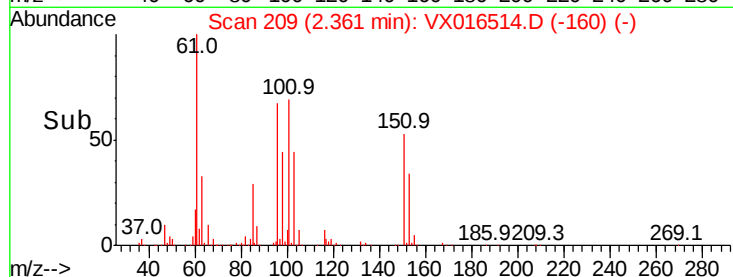
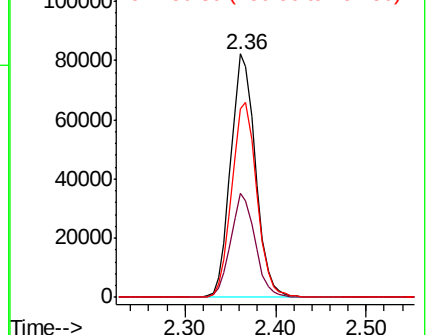
151 81.2 63.8 95.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.312 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

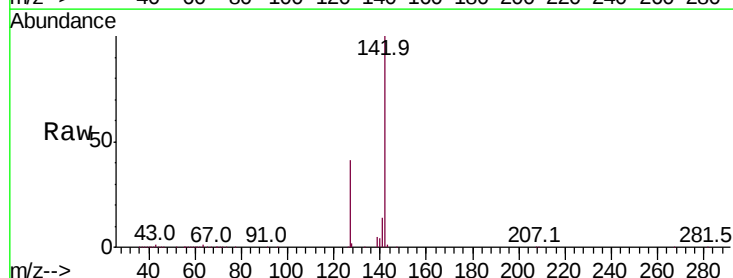
Tgt Ion:142 Resp: 165518

Ion Ratio Lower Upper

142 100

127 41.5 35.3 52.9

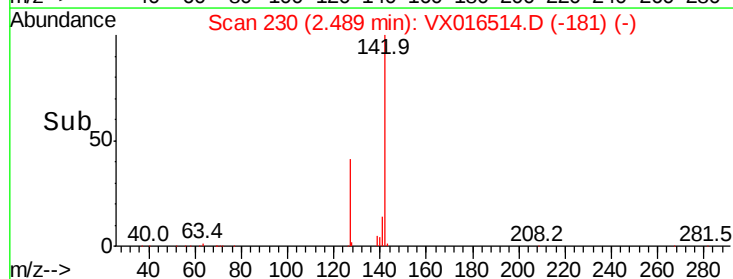
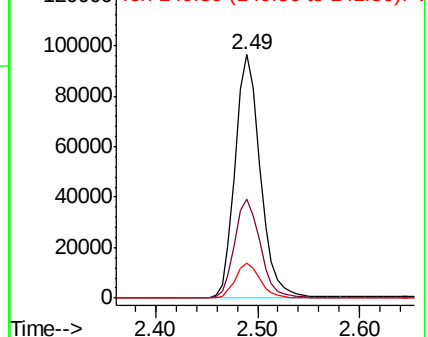
141 14.4 11.4 17.2

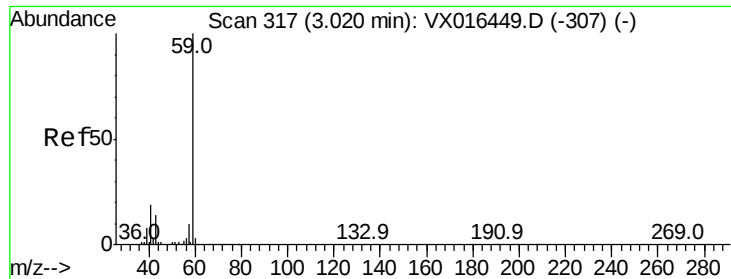


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



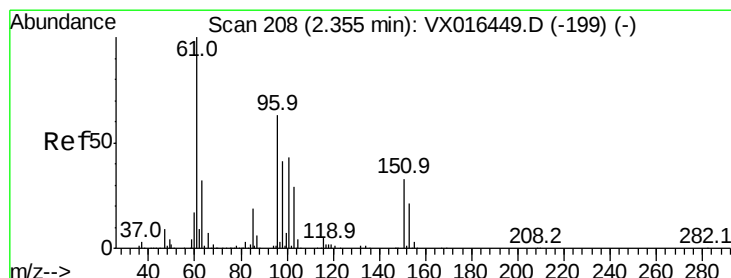
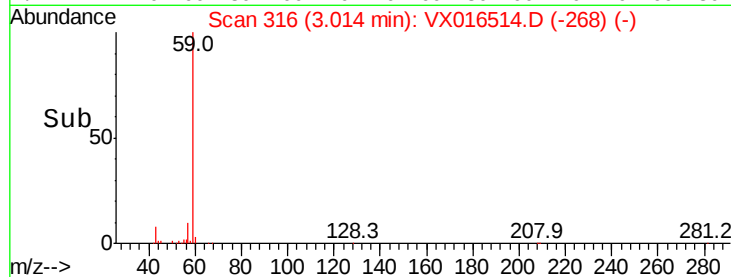
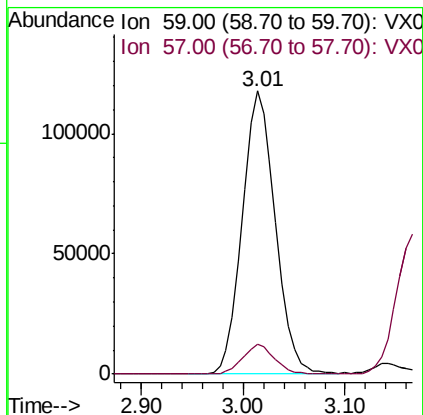
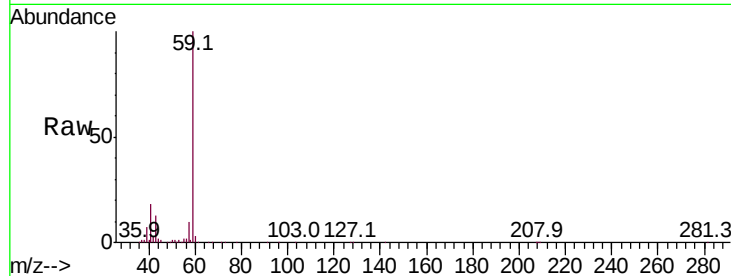


#11

Tert butyl alcohol
 Concen: 233.696 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX016514.D
 Acq: 29 May 2020 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

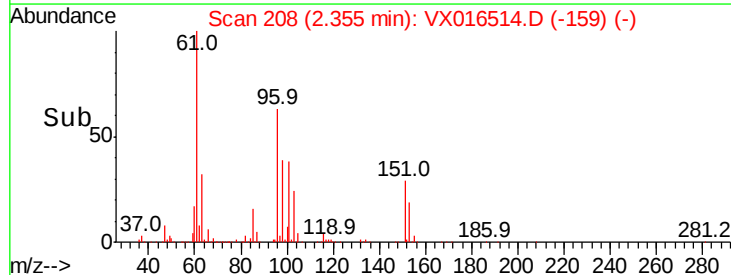
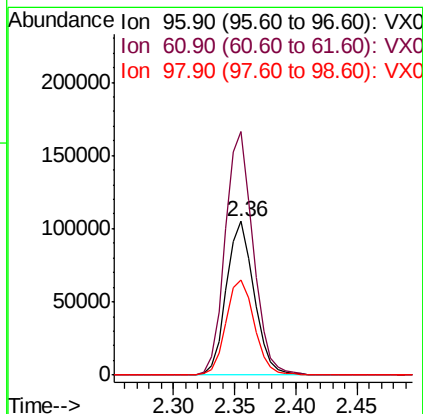
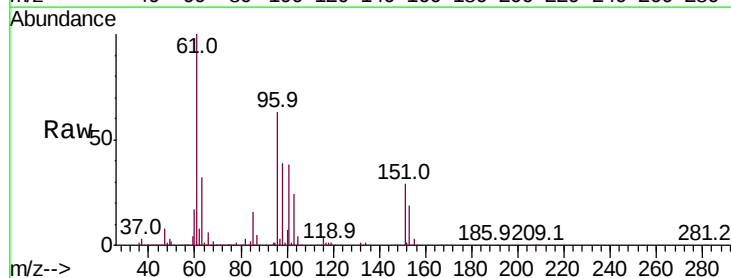
Tot Ion: 59 Resp: 264529
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.4

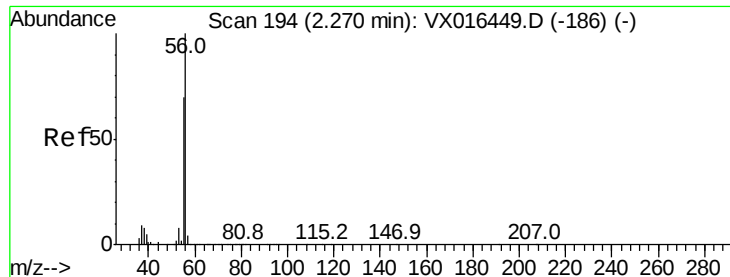


#12

1,1-Dichloroethene
 Concen: 48.080 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016514.D
 Acq: 29 May 2020 16:25

Tgt Ion: 96 Resp: 164440
 Ion Ratio Lower Upper
 96 100
 61 158.4 126.6 189.8
 98 62.3 51.3 76.9





#13

Acrolein

Concen: 235.945 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

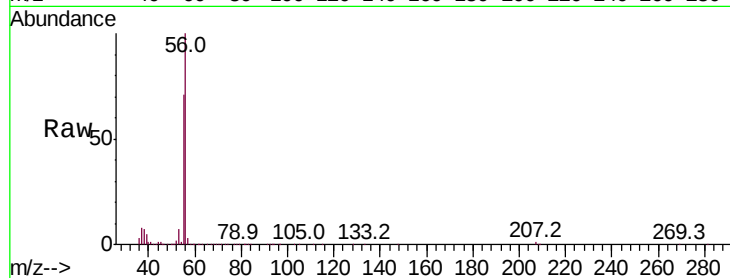
VSTDCCC050EC

Tot Ion: 56 Resp: 113610

Ion Ratio Lower Upper

56 100

55 72.3 58.3 87.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

80000

60000

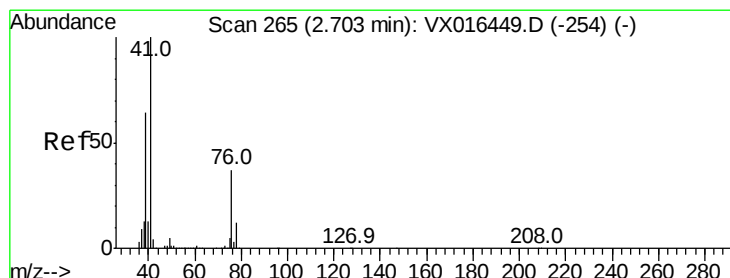
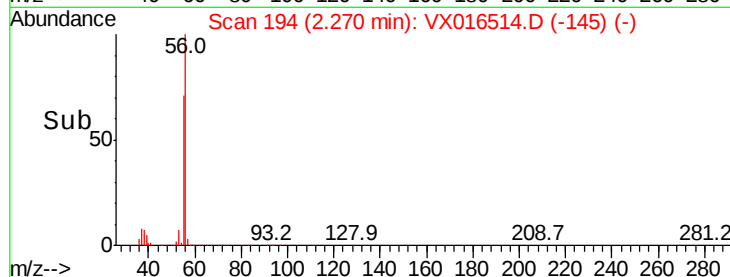
40000

20000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 49.103 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

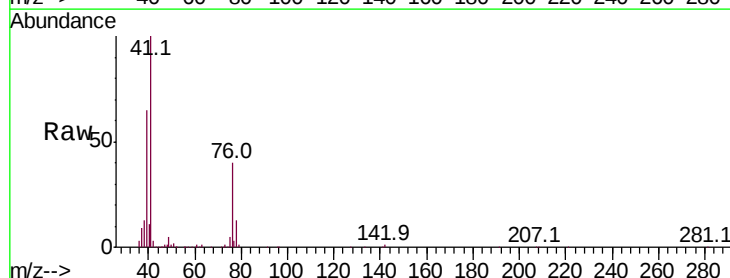
Tgt Ion: 41 Resp: 308852

Ion Ratio Lower Upper

41 100

39 58.3 47.7 71.5

76 34.0 26.6 40.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

300000

250000

200000

150000

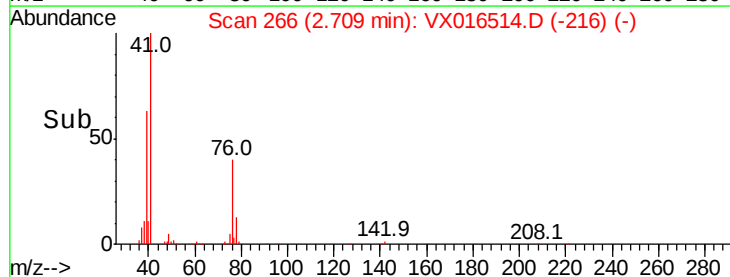
100000

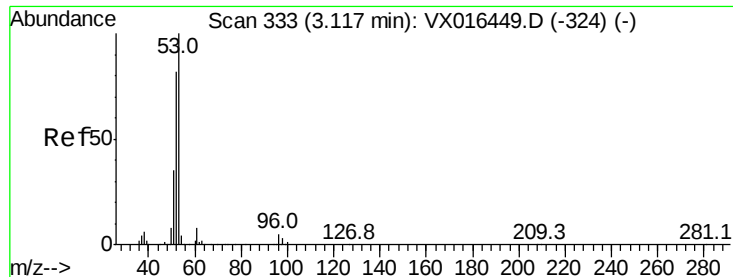
50000

0

Time-->

2.60 2.70 2.80

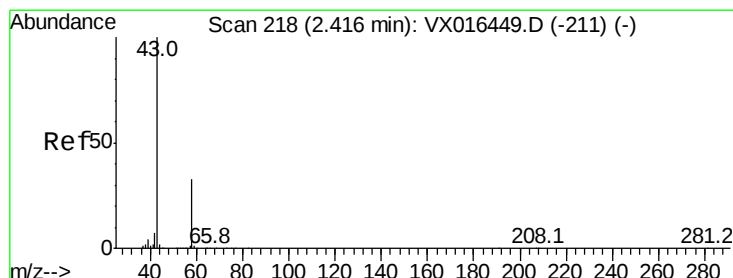
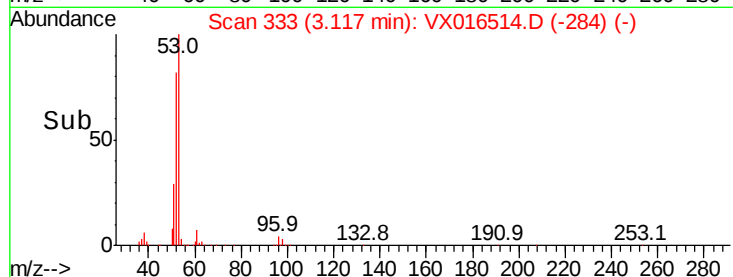
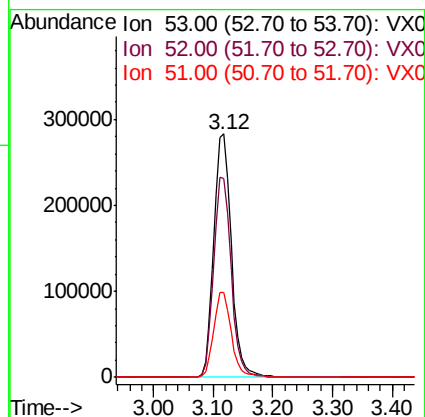
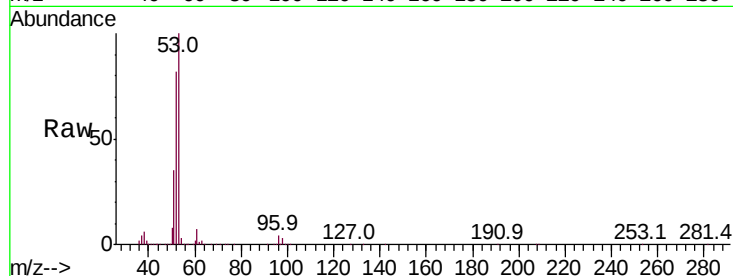




#15
 Acrylonitrile
 Concen: 247.301 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016514.D
 Acq: 29 May 2020 16:25

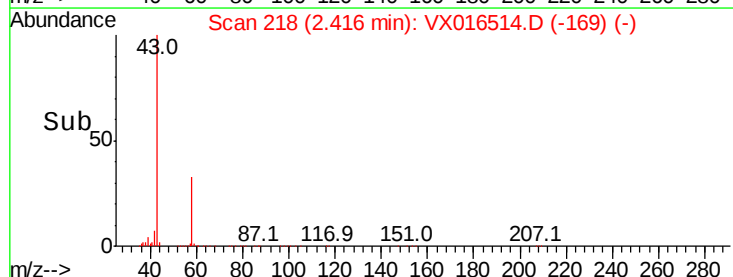
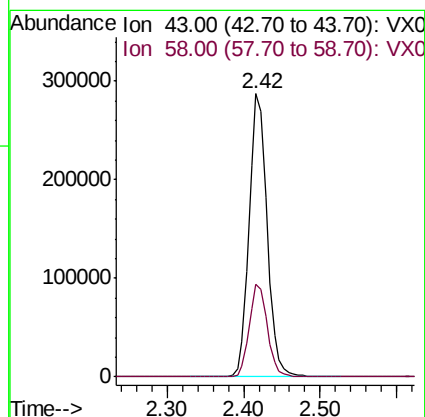
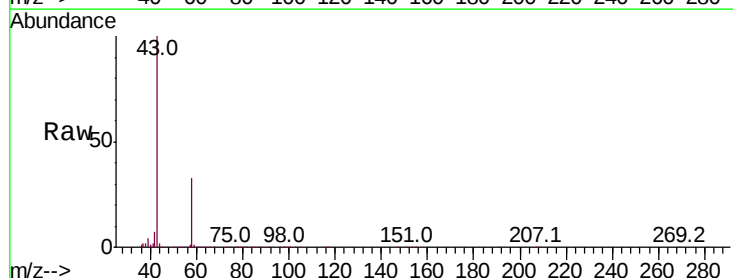
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

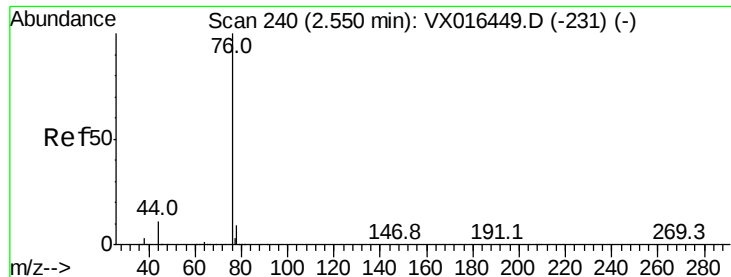
Tot Ion: 53 Resp: 573416
 Ion Ratio Lower Upper
 53 100
 52 82.0 66.7 100.1
 51 34.9 28.6 43.0



#16
 Acetone
 Concen: 243.523 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX016514.D
 Acq: 29 May 2020 16:25

Tgt Ion: 43 Resp: 470963
 Ion Ratio Lower Upper
 43 100
 58 32.7 26.1 39.1





#17

Carbon Disulfide

Concen: 47.165 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

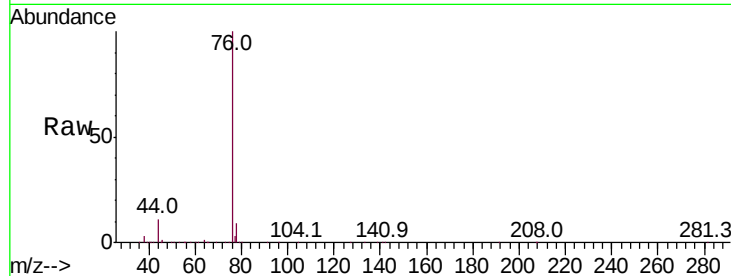
VSTDCCC050EC

Tot Ion: 76 Resp: 479037

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

300000

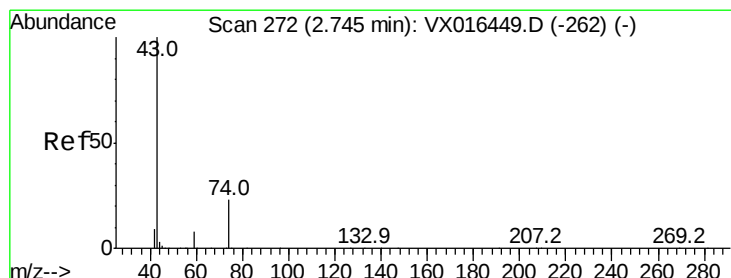
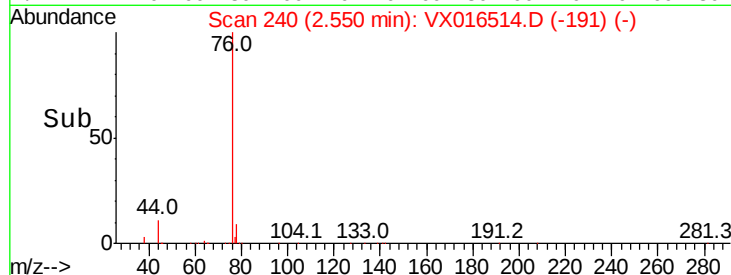
200000

100000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 49.823 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016514.D

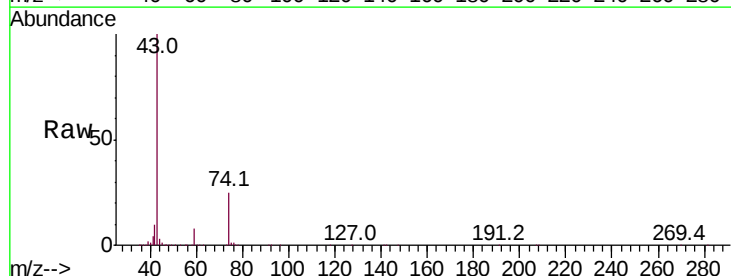
Acq: 29 May 2020 16:25

Tgt Ion: 43 Resp: 247133

Ion Ratio Lower Upper

43 100

74 25.7 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

150000

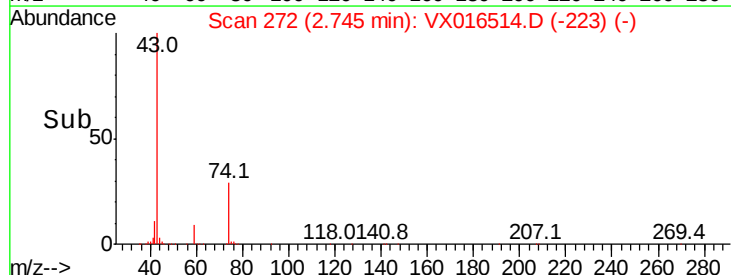
100000

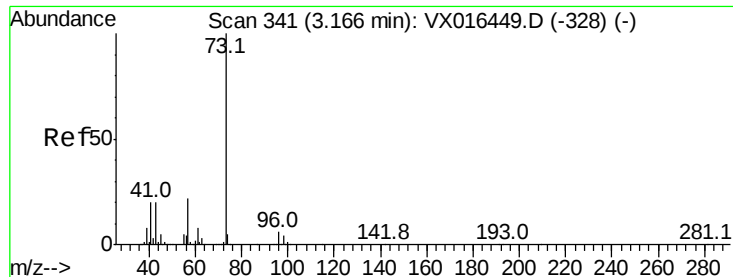
50000

0

2.60 2.70 2.80

Time-->



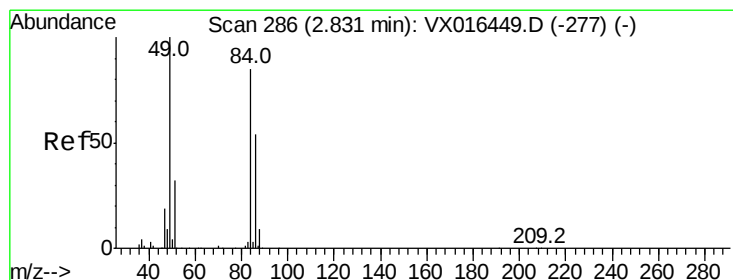
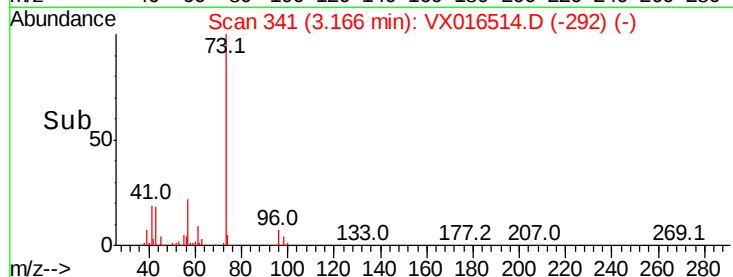
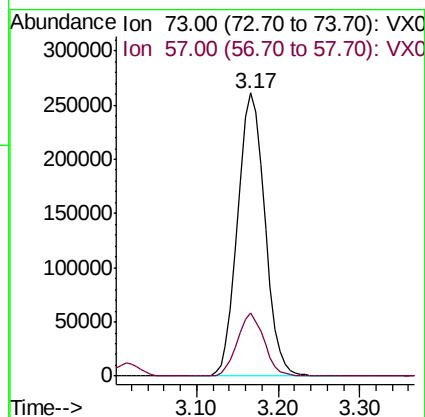
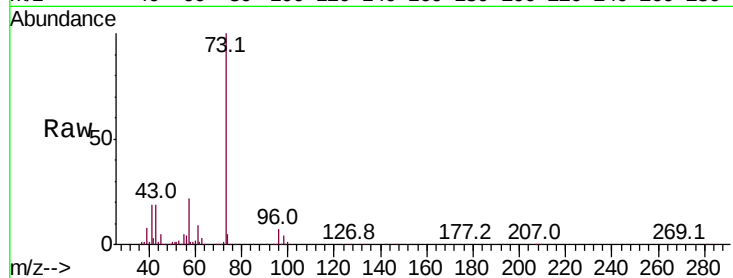


#19

Methyl tert-butyl Ether
 Concen: 49.052 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016514.D
 Acq: 29 May 2020 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

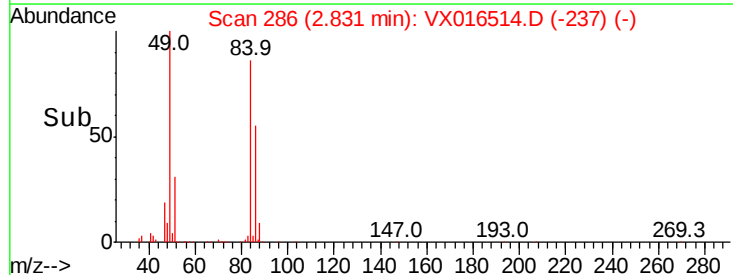
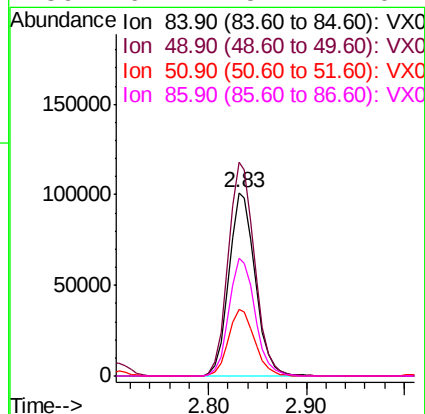
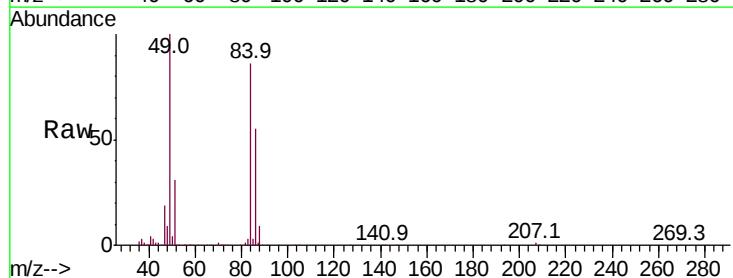
Tot Ion: 73 Resp: 602433
 Ion Ratio Lower Upper
 73 100
 57 22.2 17.8 26.6

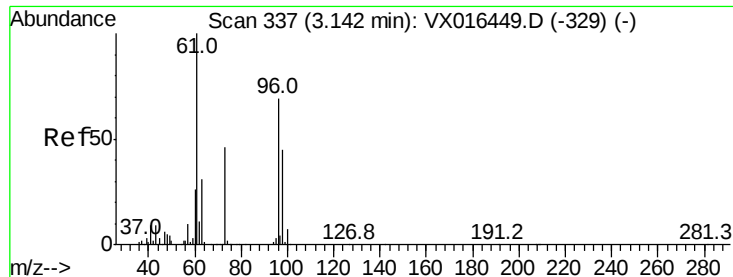


#20

Methylene Chloride
 Concen: 47.017 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VX016514.D
 Acq: 29 May 2020 16:25

Tgt Ion: 84 Resp: 188126
 Ion Ratio Lower Upper
 84 100
 49 116.6 94.5 141.7
 51 36.5 30.2 45.4
 86 64.2 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 48.451 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

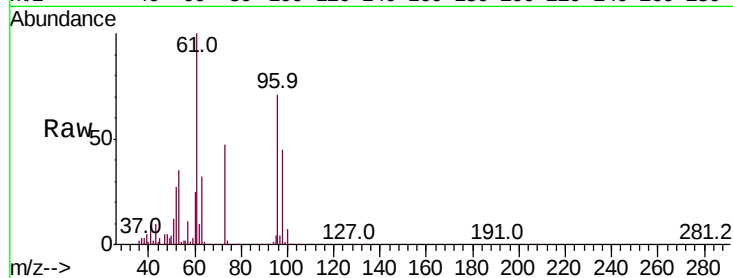
Tot Ion: 96 Resp: 183295

Ion Ratio Lower Upper

96 100

61 140.1 115.3 172.9

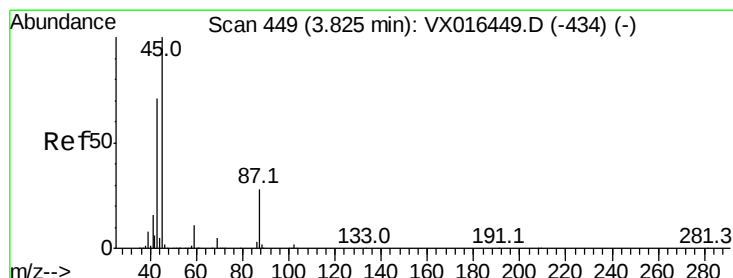
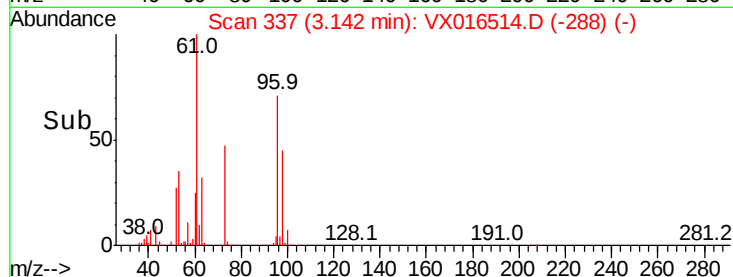
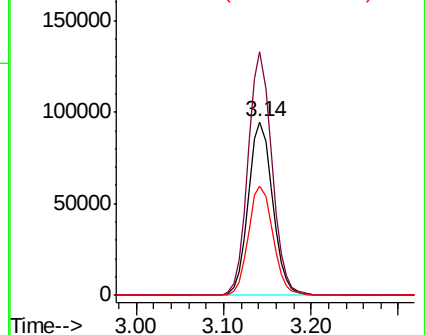
98 62.7 51.9 77.9



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



#22

Diisopropyl ether

Concen: 48.220 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Tgt Ion: 45 Resp: 582651

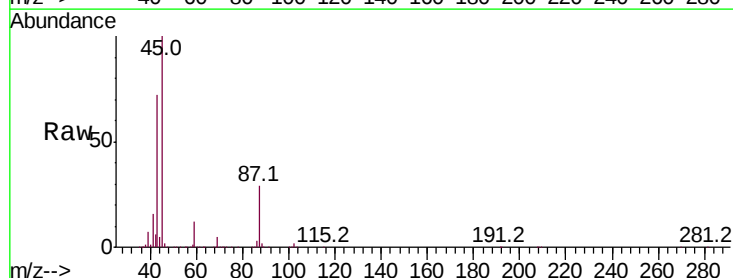
Ion Ratio Lower Upper

45 100

43 72.0 57.0 85.6

87 29.0 22.5 33.7

59 12.1 9.1 13.7

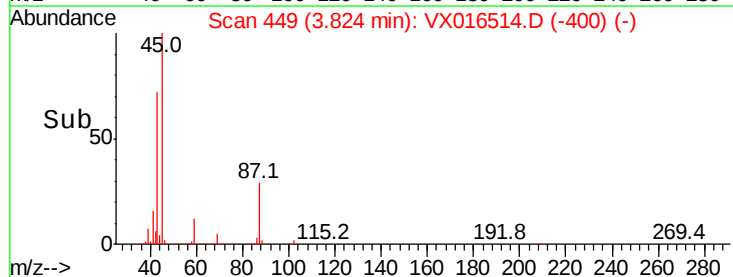
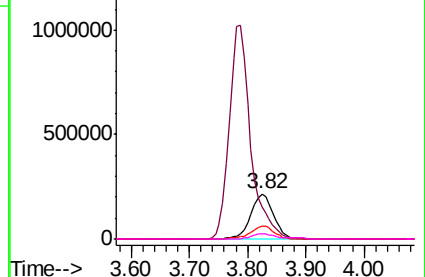


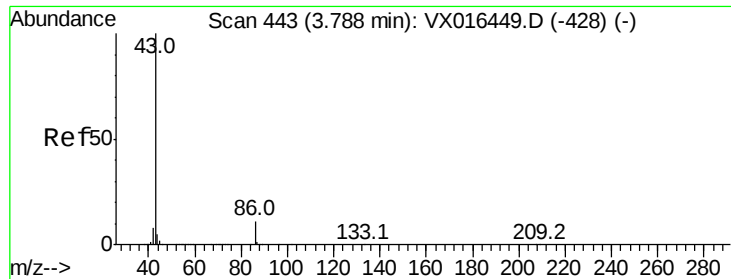
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 247.125 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

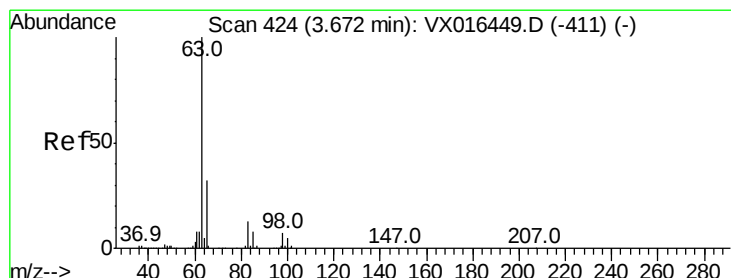
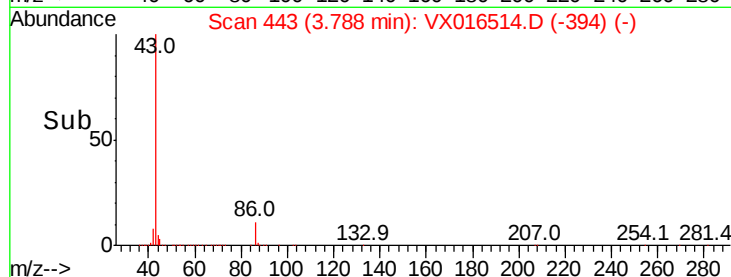
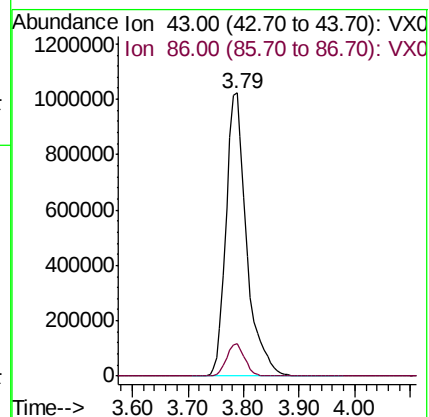
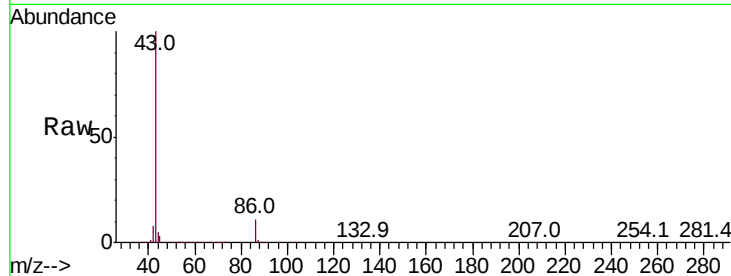
VSTDCCC050EC

Tot Ion: 43 Resp: 2613678

Ion Ratio Lower Upper

43 100

86 11.4 8.6 13.0



#24

1,1-Dichloroethane

Concen: 48.071 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

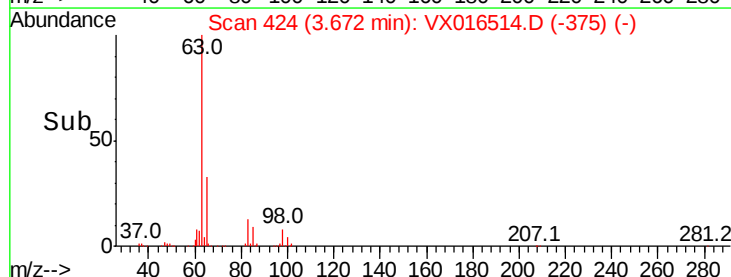
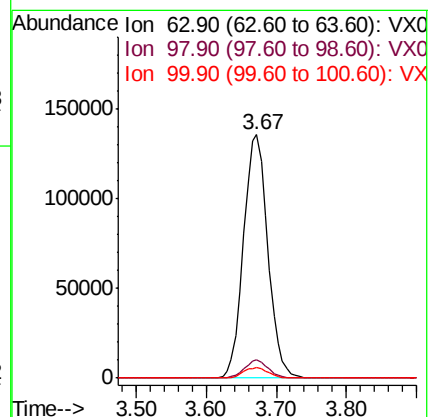
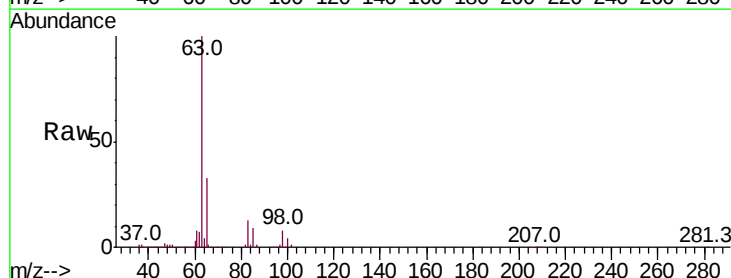
Tgt Ion: 63 Resp: 327841

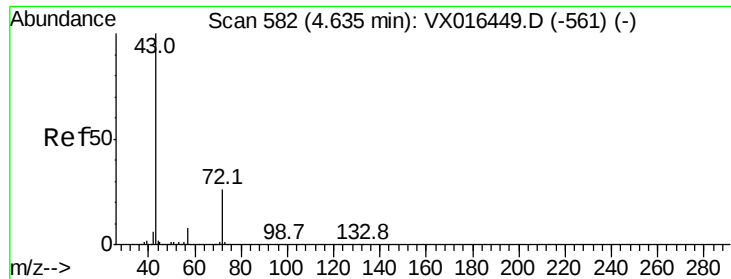
Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.9

100 4.4 2.4 7.1





#25

2-Butanone

Concen: 242.820 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

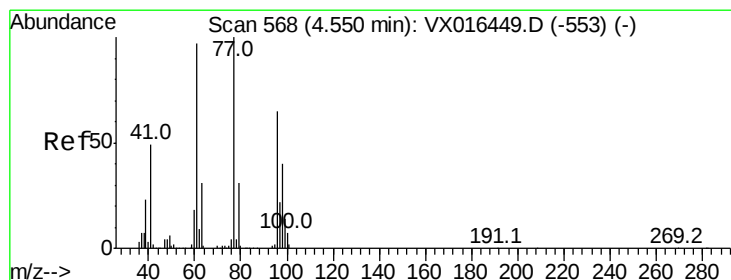
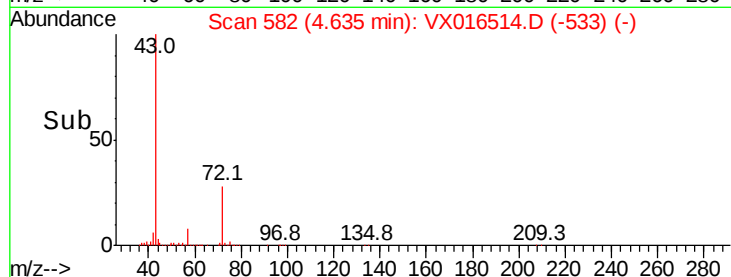
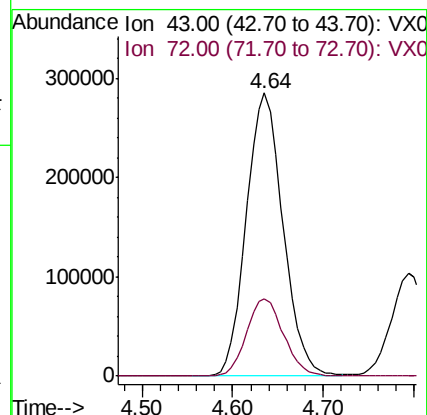
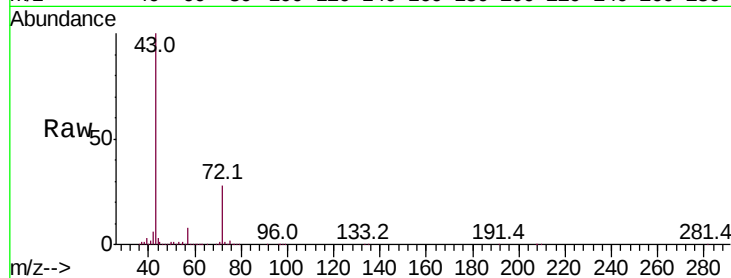
VSTDCCC050EC

Tot Ion: 43 Resp: 795725

Ion Ratio Lower Upper

43 100

72 27.3 21.0 31.6



#26

2,2-Dichloropropane

Concen: 52.492 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016514.D

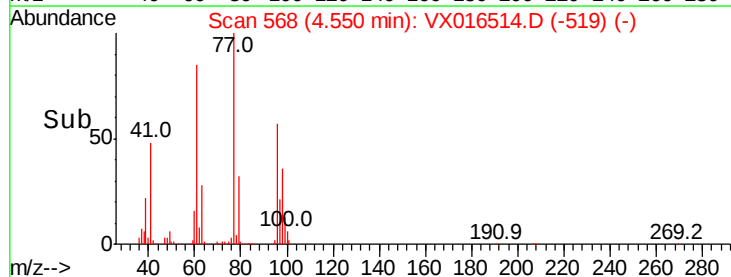
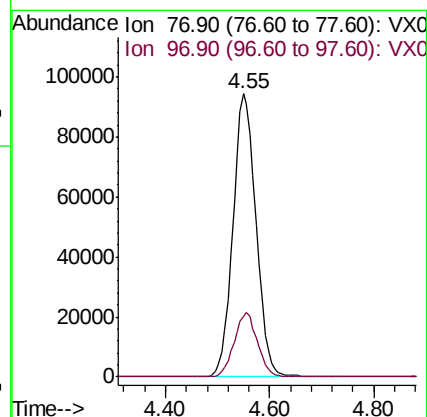
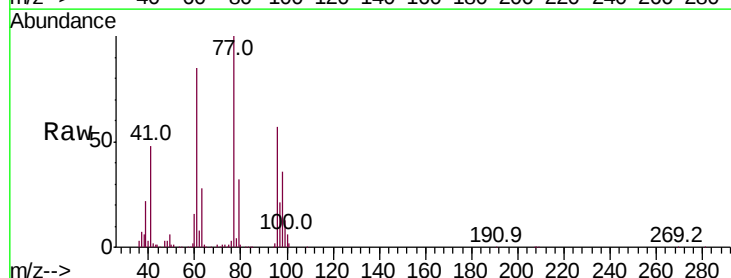
Acq: 29 May 2020 16:25

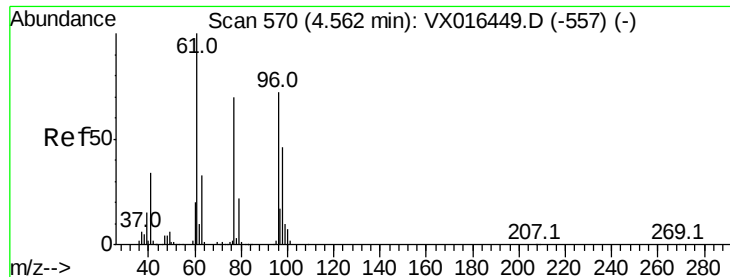
Tgt Ion: 77 Resp: 292936

Ion Ratio Lower Upper

77 100

97 22.6 11.5 34.4



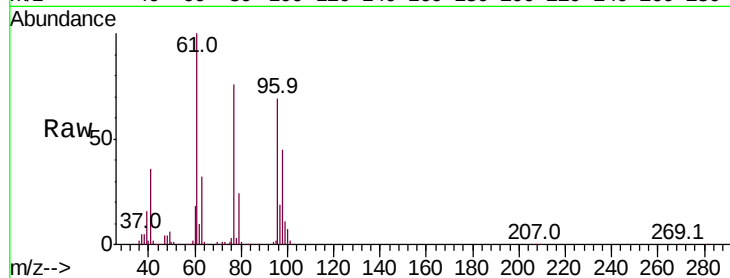


#27

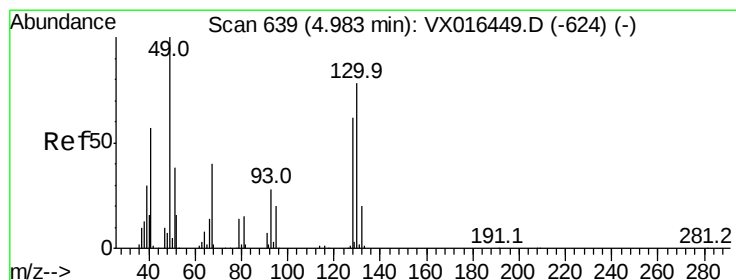
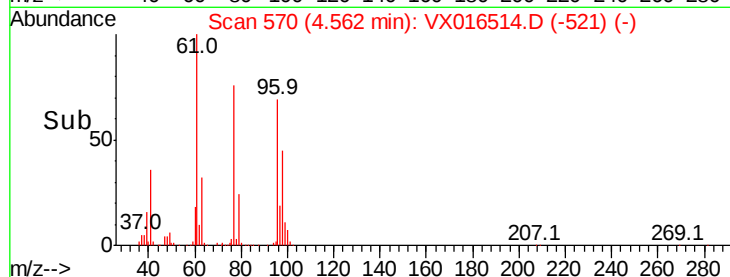
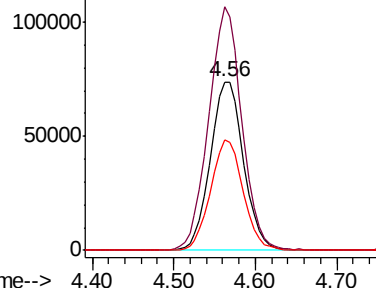
cis-1,2-Dichloroethene
Concen: 47.863 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.5	0.0	284.6
98	64.1	0.0	127.2



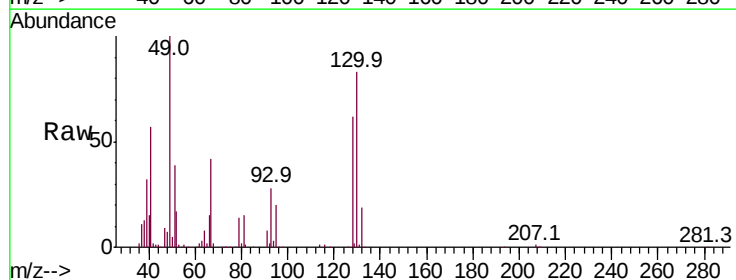
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



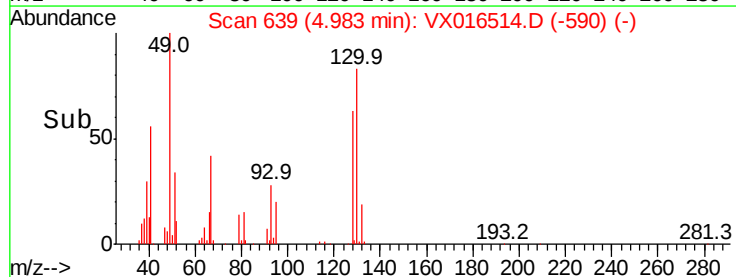
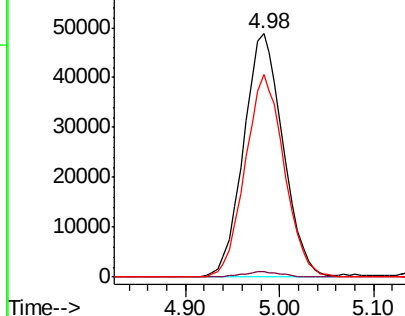
#28

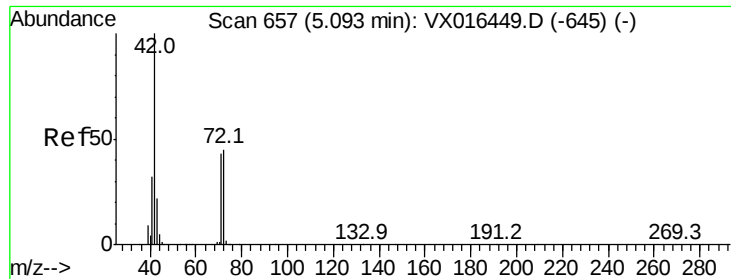
Bromochloromethane
Concen: 45.272 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	82.5	63.0	94.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 246.547 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

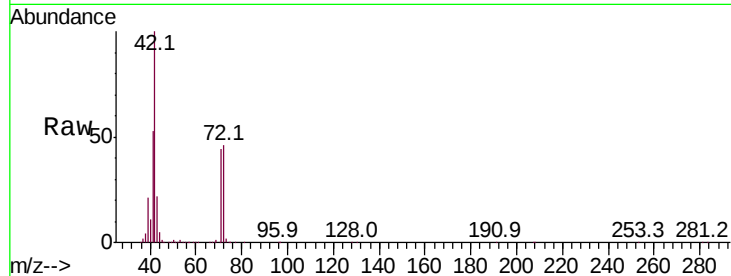
Tot Ion: 42 Resp: 521966

Ion Ratio Lower Upper

42 100

72 47.0 37.0 55.4

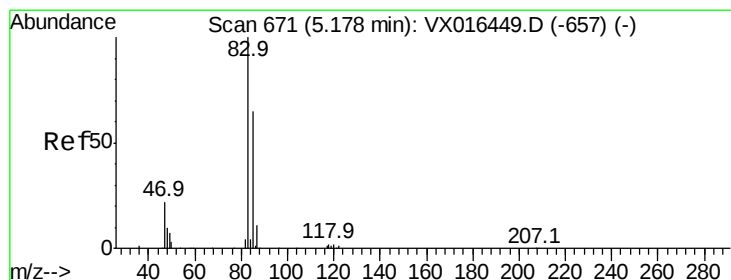
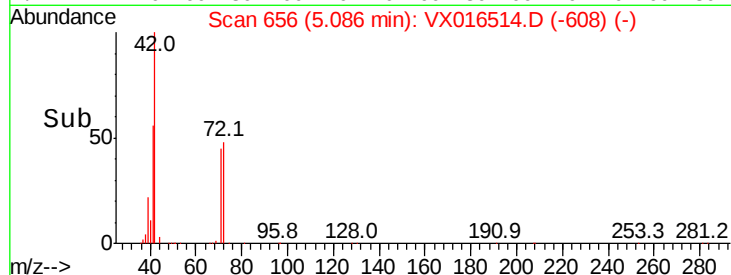
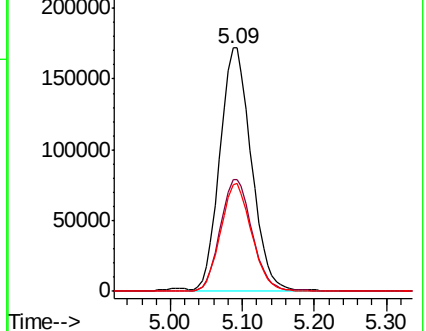
71 43.9 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 47.779 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016514.D

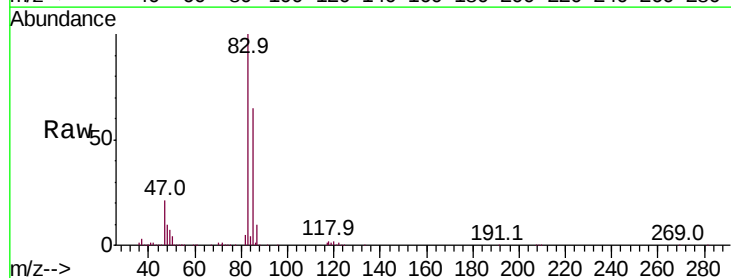
Acq: 29 May 2020 16:25

Tgt Ion: 83 Resp: 328324

Ion Ratio Lower Upper

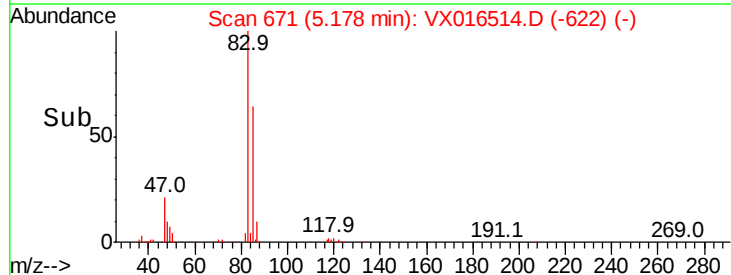
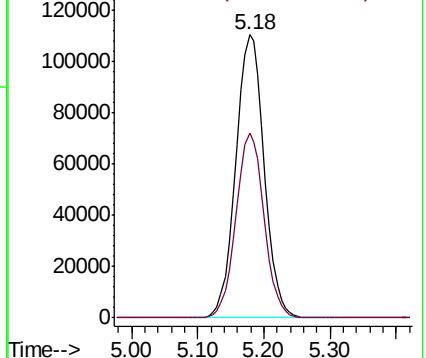
83 100

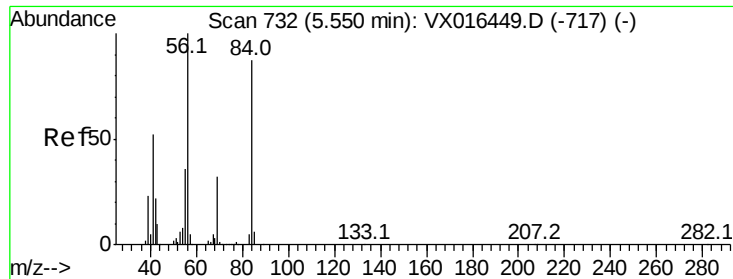
85 65.4 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

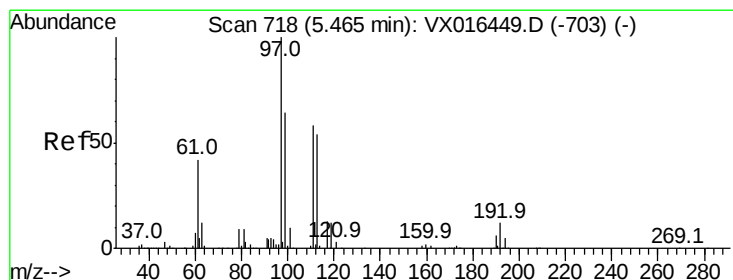
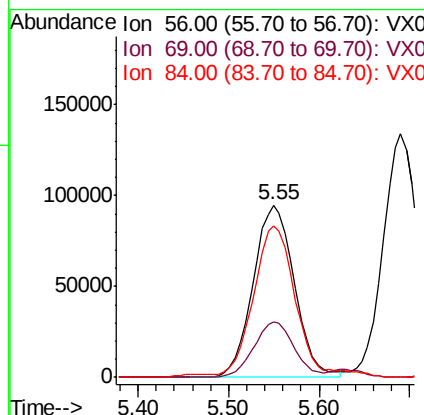
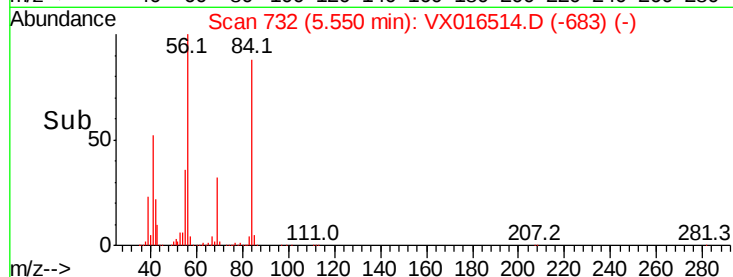
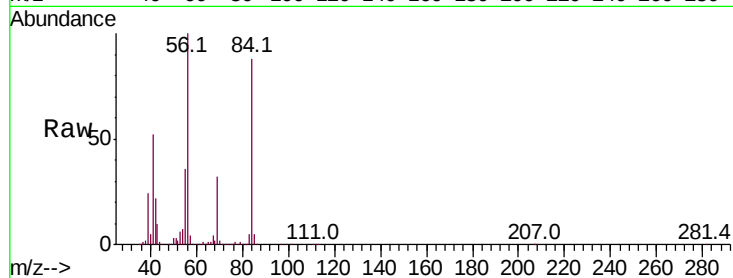




#31
Cyclohexane
Concen: 48.487 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

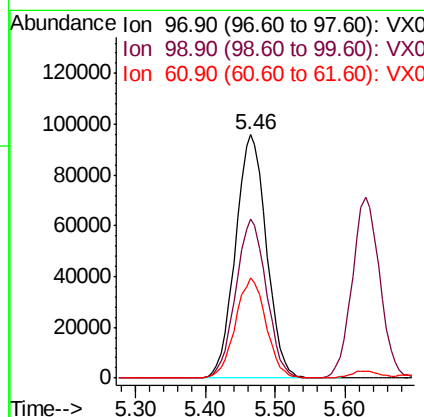
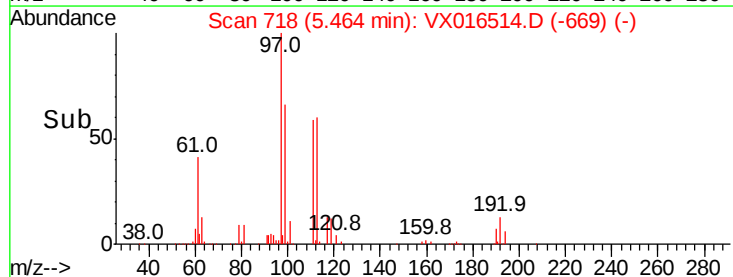
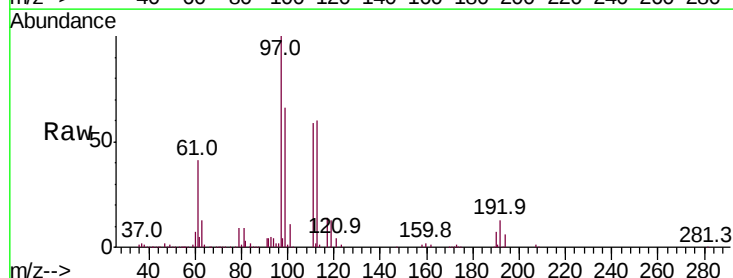
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

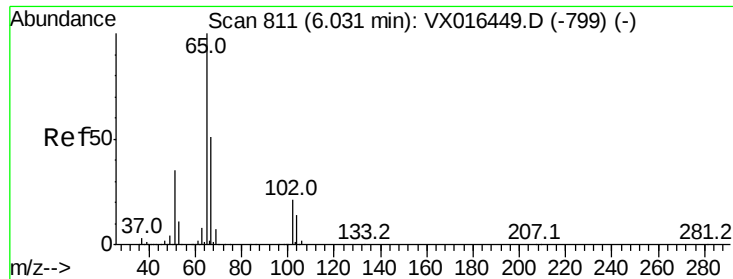
Tot Ion: 56 Resp: 297490
Ion Ratio Lower Upper
56 100
69 32.2 25.7 38.5
84 86.3 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 47.356 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Tgt Ion: 97 Resp: 294615
Ion Ratio Lower Upper
97 100
99 65.0 51.4 77.2
61 40.9 33.5 50.3





#33

1,2-Dichloroethane-d4

Concen: 45.249 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

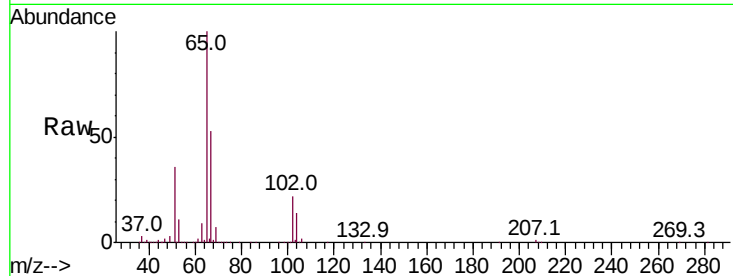
VSTDCCC050EC

Tot Ion: 65 Resp: 199739

Ion Ratio Lower Upper

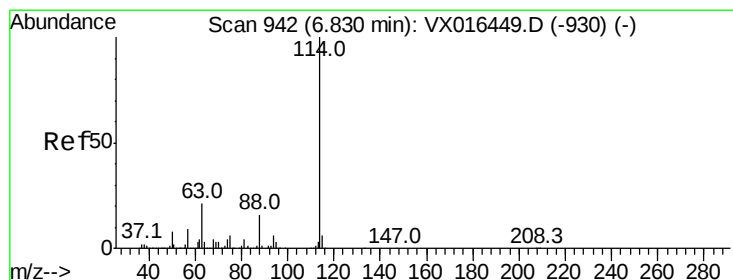
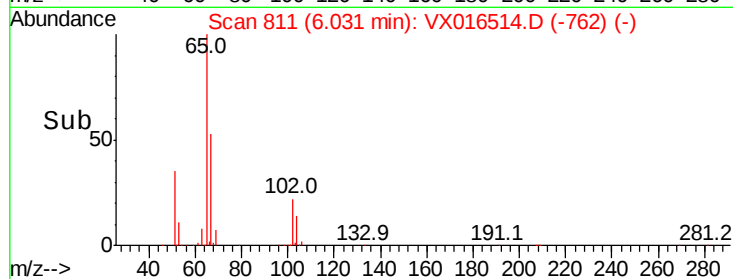
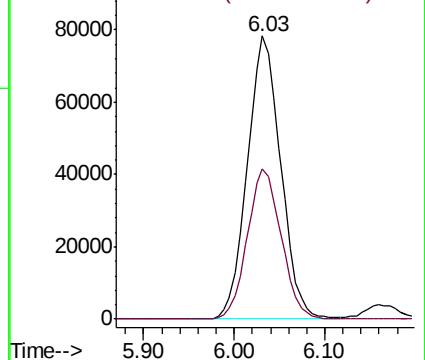
65 100

67 53.8 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

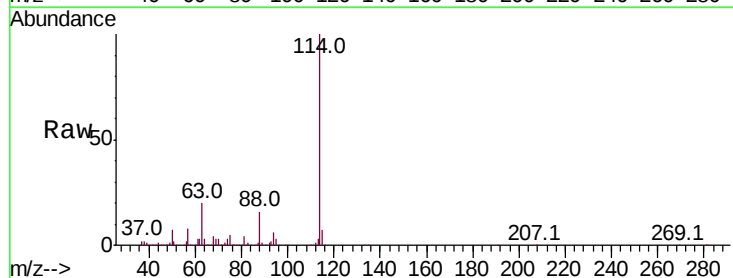
Tgt Ion: 114 Resp: 569125

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.6

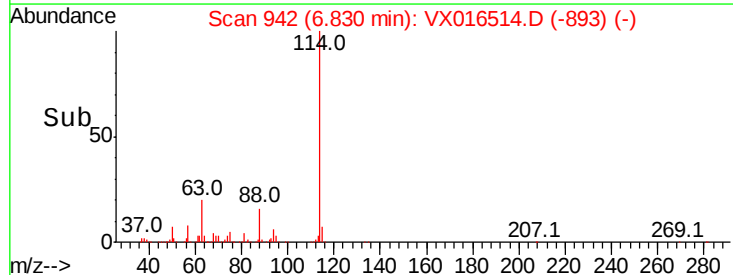
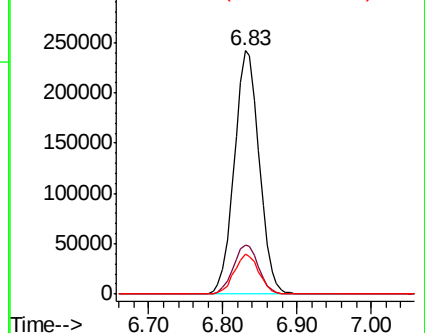
88 16.5 0.0 32.8

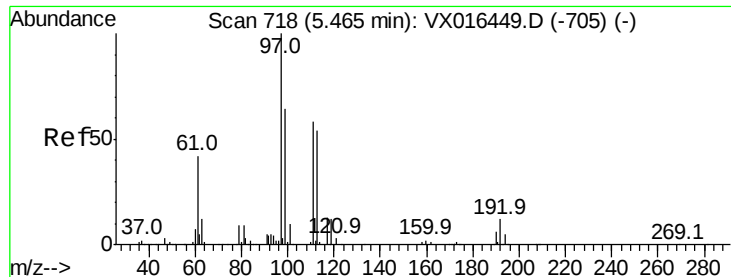


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

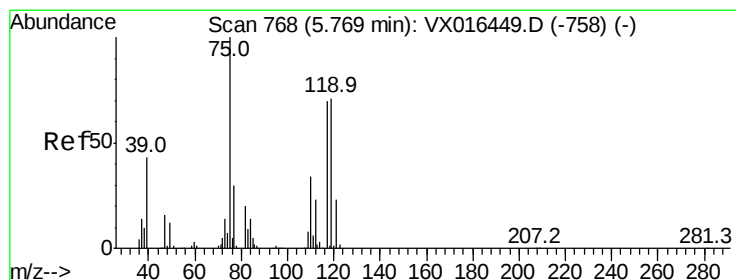
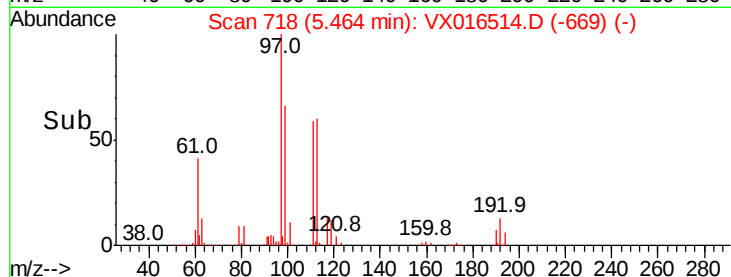
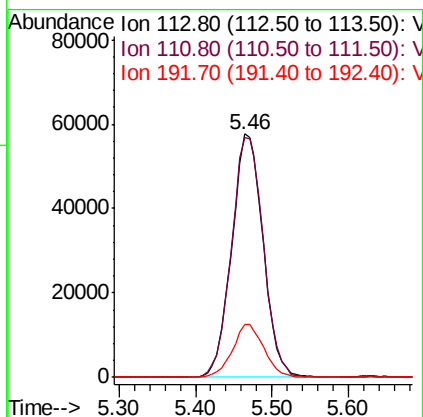
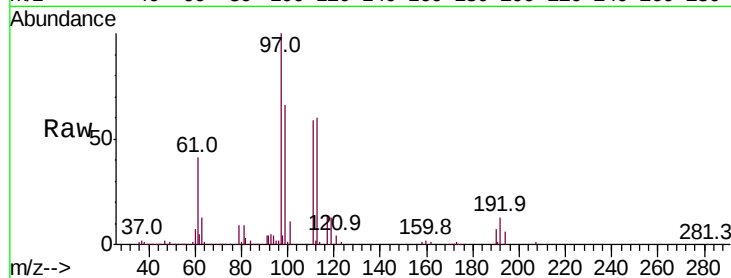




#35
 Dibromofluoromethane
 Concen: 46.722 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX016514.D
 Acq: 29 May 2020 16:25

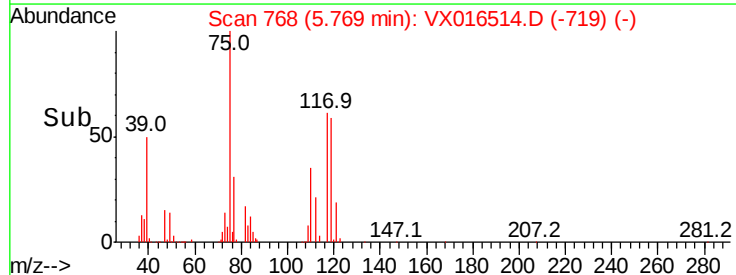
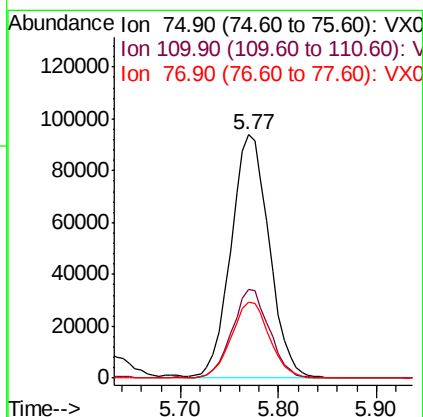
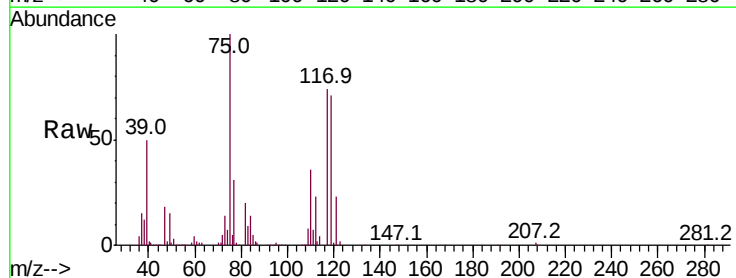
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

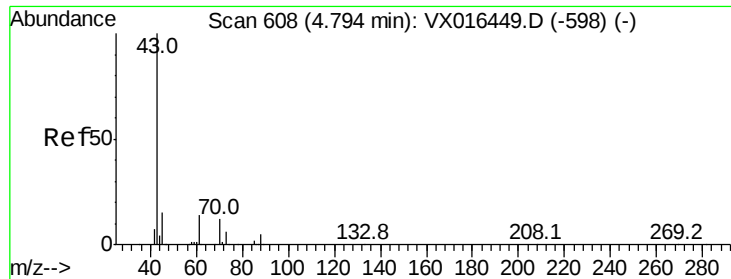
Tot Ion:113 Resp: 163730
 Ion Ratio Lower Upper
 113 100
 111 100.6 83.0 124.6
 192 21.8 17.7 26.5



#36
 1,1-Dichloropropene
 Concen: 46.856 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016514.D
 Acq: 29 May 2020 16:25

Tgt Ion: 75 Resp: 252486
 Ion Ratio Lower Upper
 75 100
 110 35.8 17.4 52.3
 77 31.3 24.2 36.4

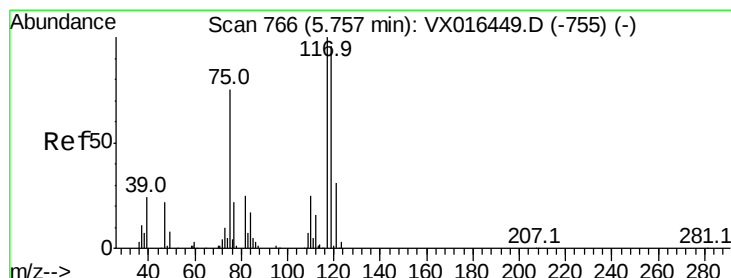
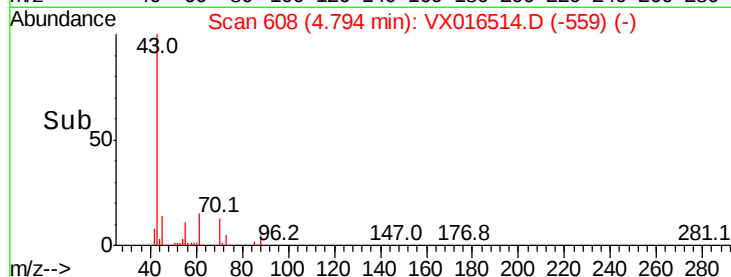
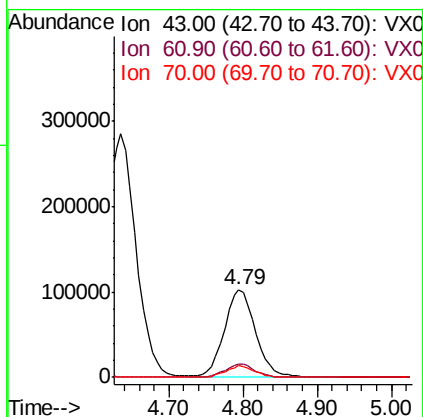
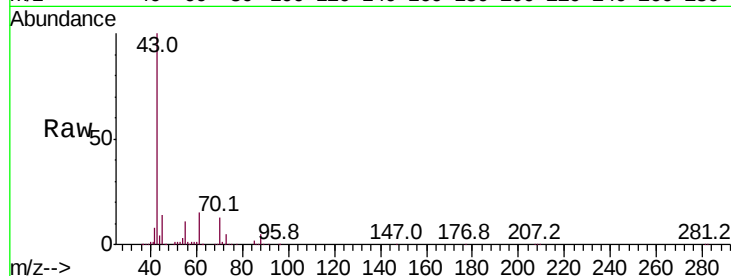




#37
Ethyl Acetate
Concen: 46.144 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

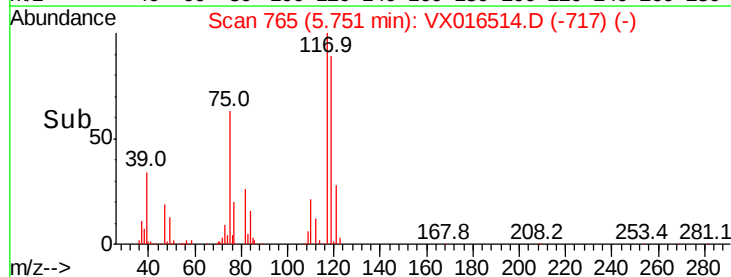
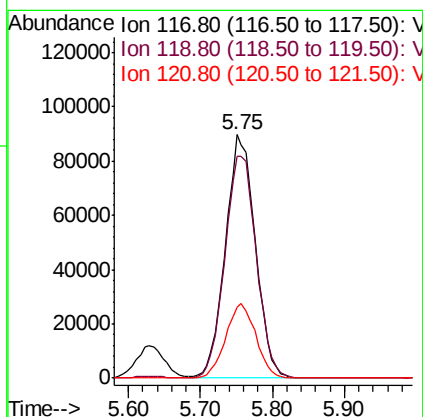
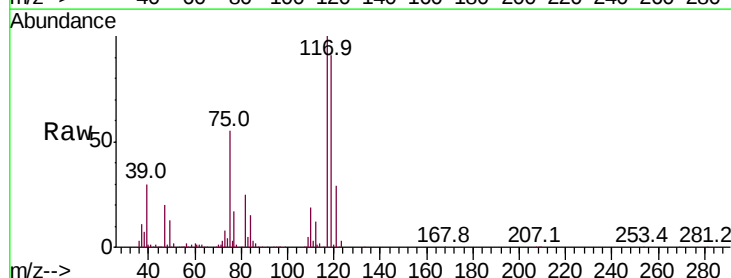
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

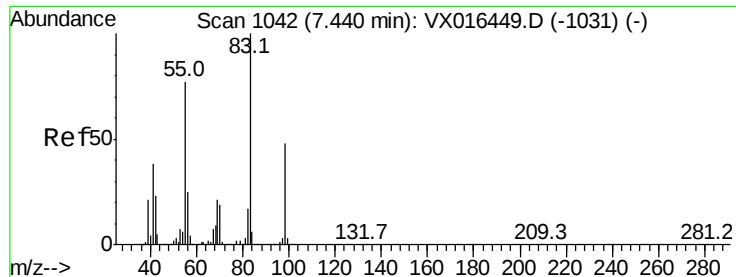
Tot Ion: 43 Resp: 298526
Ion Ratio Lower Upper
43 100
61 14.8 11.3 16.9
70 12.4 9.3 13.9



#38
Carbon Tetrachloride
Concen: 45.890 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Tgt Ion: 117 Resp: 259863
Ion Ratio Lower Upper
117 100
119 91.1 76.3 114.5
121 28.9 24.6 37.0

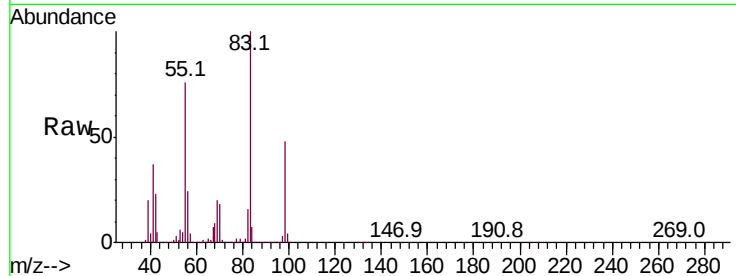




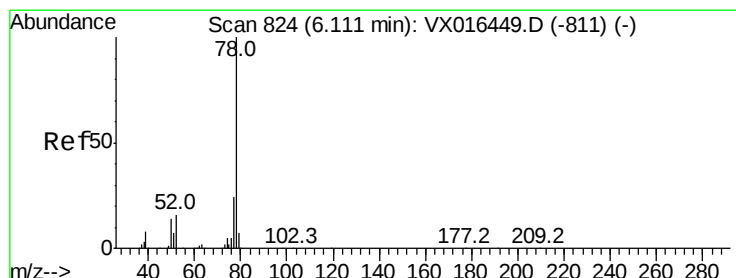
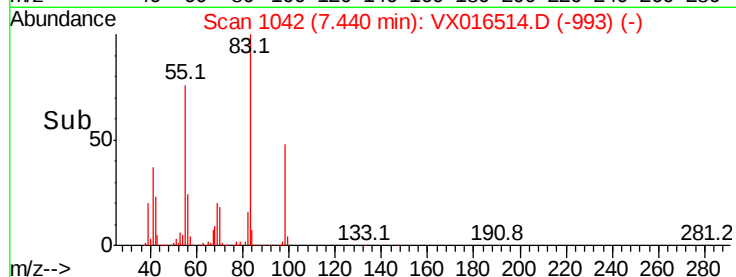
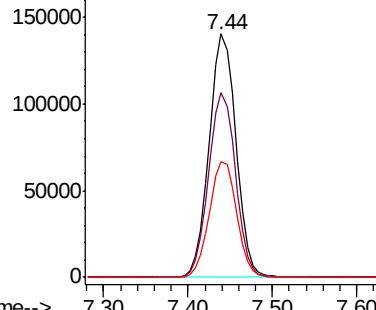
#39
Methvlcvclohexane
Concen: 51.455 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 301161
Ion Ratio Lower Upper
83 100
55 76.0 61.7 92.5
98 47.5 38.7 58.1

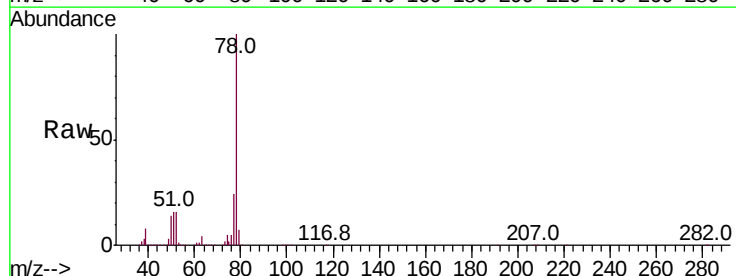


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

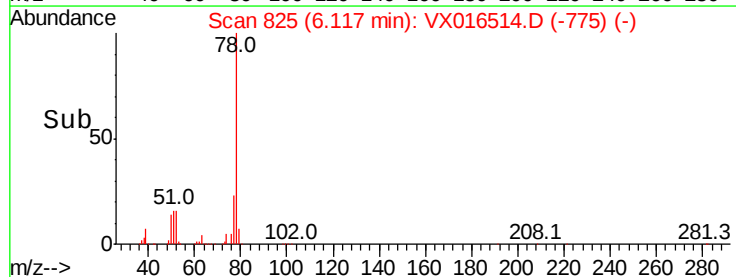
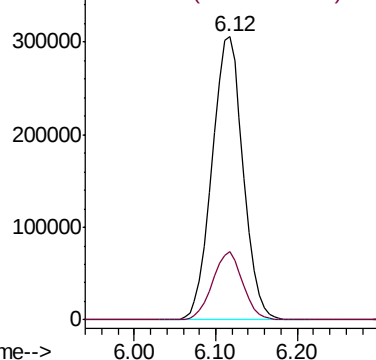


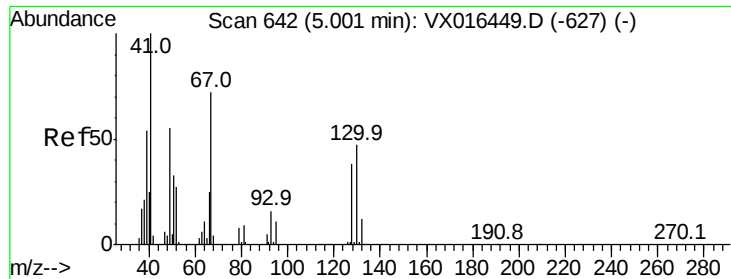
#40
Benzene
Concen: 50.366 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Tgt Ion: 78 Resp: 808219
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

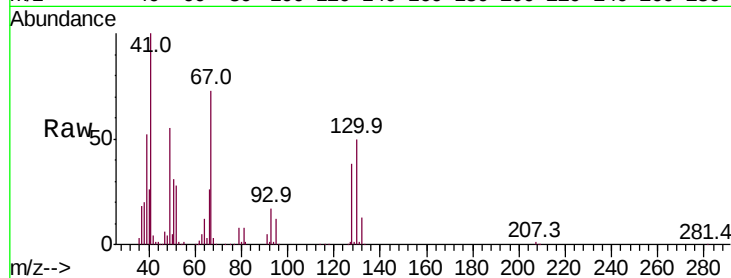




#41
Methacrylonitrile
Concen: 45.638 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	162177
Ion	Ratio	Lower	Upper
41	100		
39	53.4	43.0	64.4
67	75.2	58.9	88.3
52	28.8	23.1	34.7



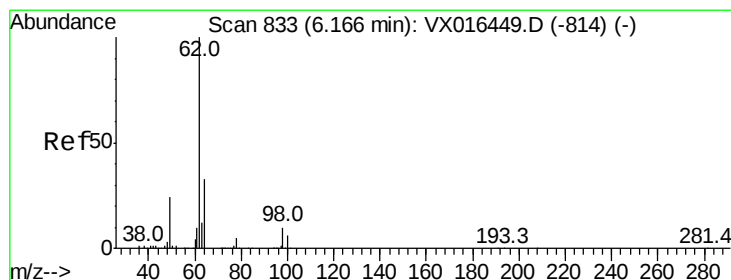
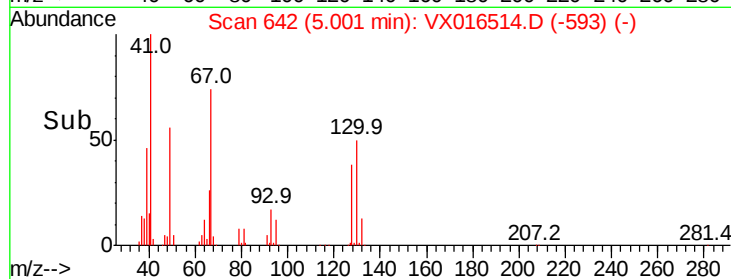
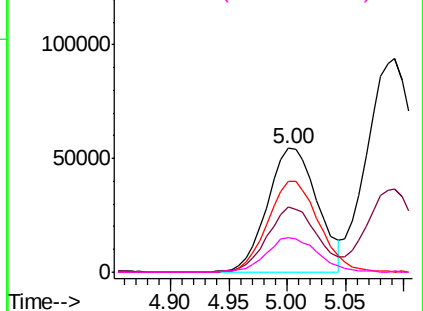
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

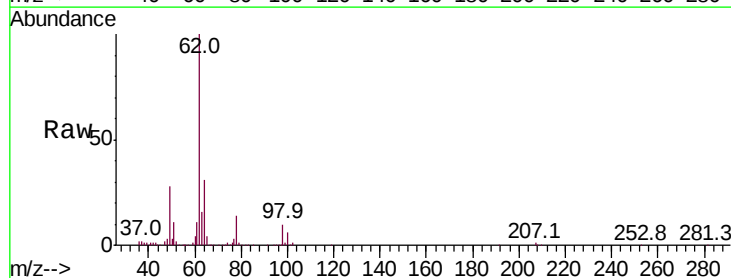
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 45.515 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

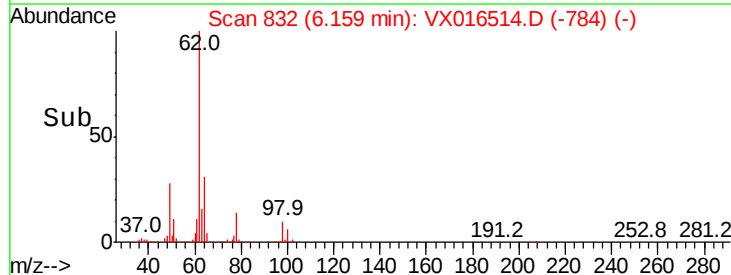
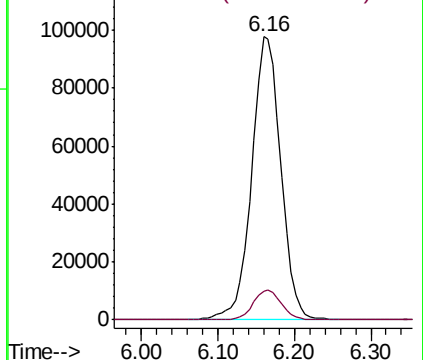
Tgt Ion:	62	Resp:	259738
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	19.8

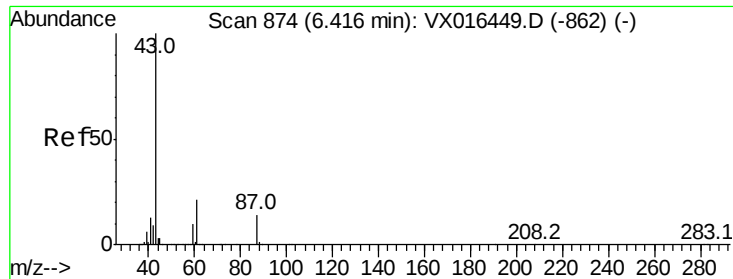


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 47.702 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

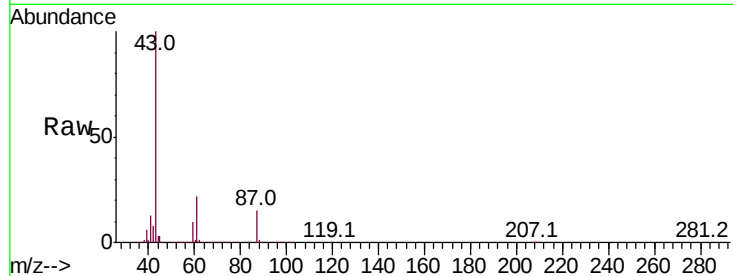
Tot Ion: 43 Resp: 481365

Ion Ratio Lower Upper

43 100

61 21.8 16.8 25.2

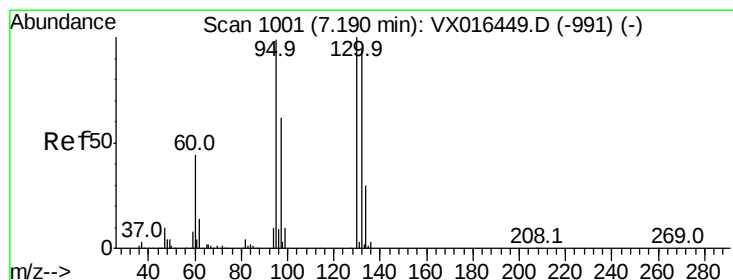
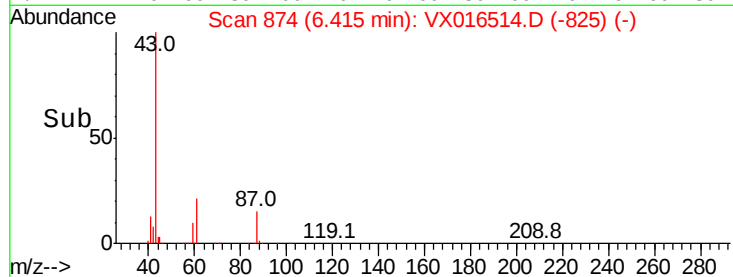
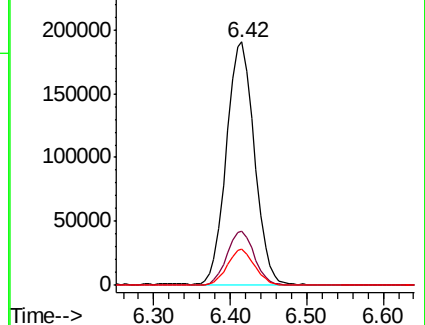
87 14.4 11.2 16.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 44.476 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016514.D

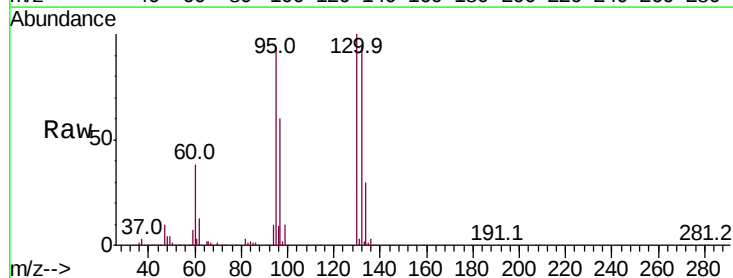
Acq: 29 May 2020 16:25

Tgt Ion:130 Resp: 226440

Ion Ratio Lower Upper

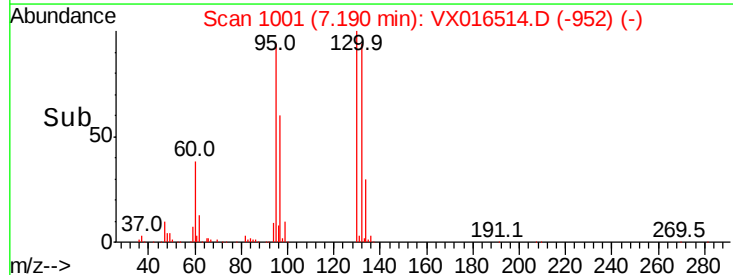
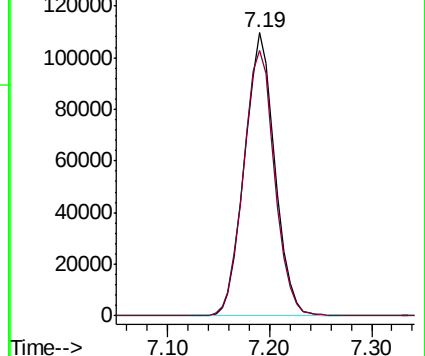
130 100

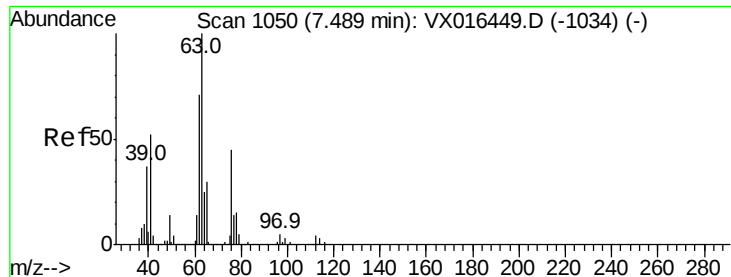
95 94.0 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 47.727 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

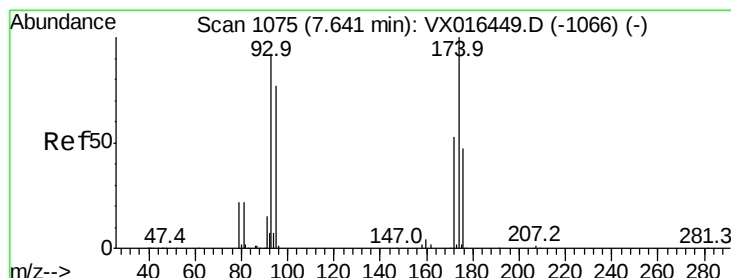
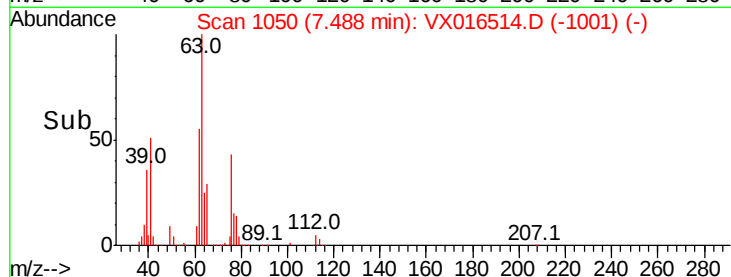
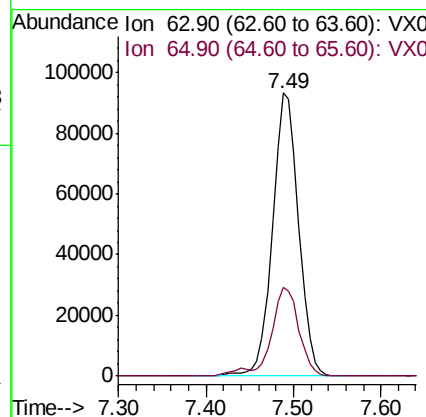
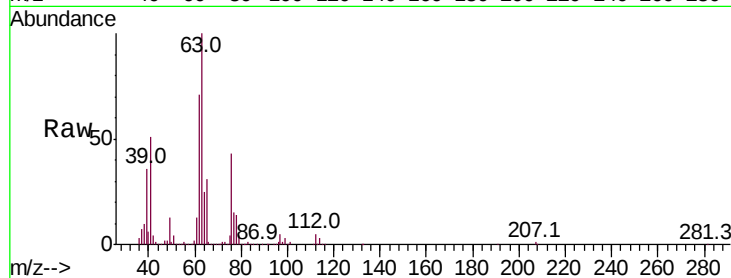
VSTDCCC050EC

Tot Ion: 63 Resp: 194971

Ion Ratio Lower Upper

63 100

65 31.2 24.2 36.2



#46

Dibromomethane

Concen: 46.581 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

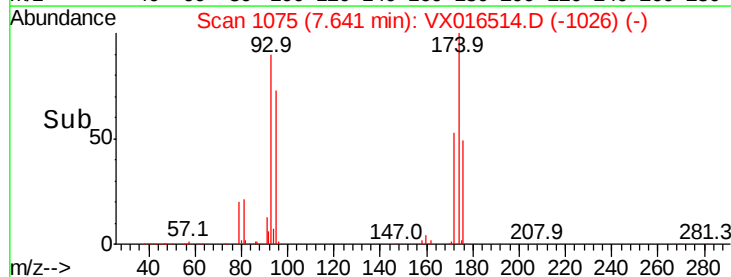
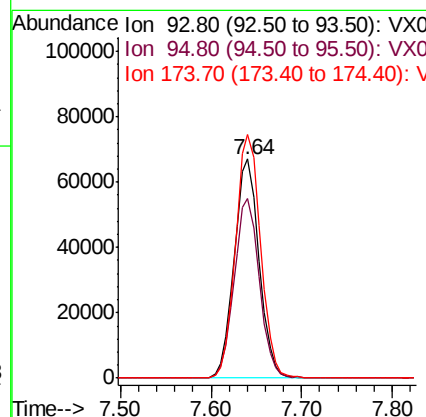
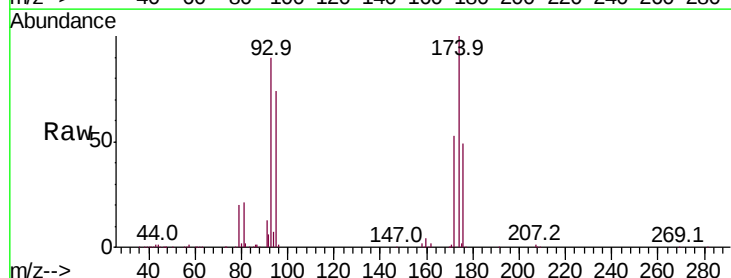
Tgt Ion: 93 Resp: 127813

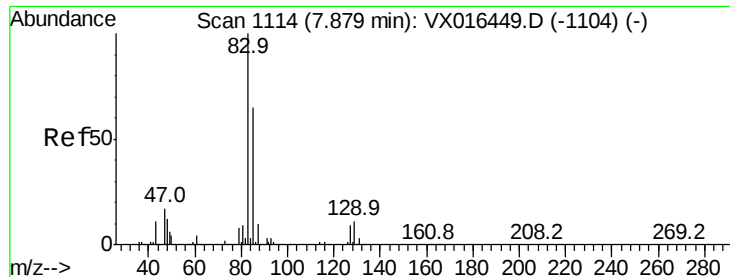
Ion Ratio Lower Upper

93 100

95 82.6 66.6 100.0

174 111.9 86.2 129.4





#47

Bromodichloromethane

Concen: 46.720 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

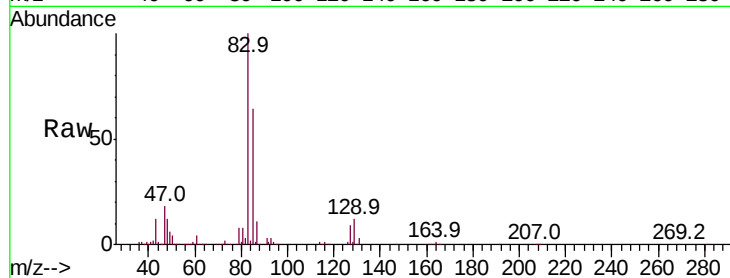
Tot Ion: 83 Resp: 265437

Ion Ratio Lower Upper

83 100

85 63.9 52.0 78.0

127 9.0 7.4 11.0



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

7.88

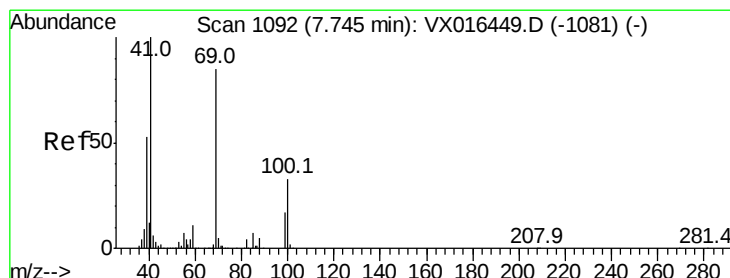
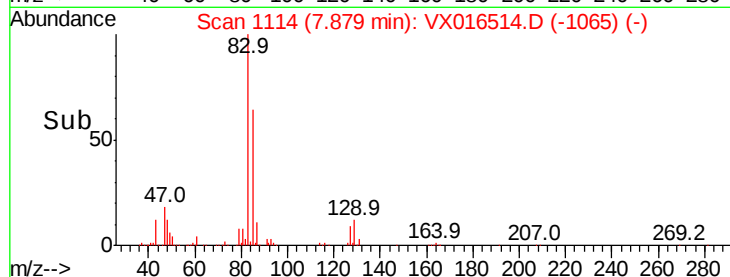
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#48

Methyl methacrylate

Concen: 47.648 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

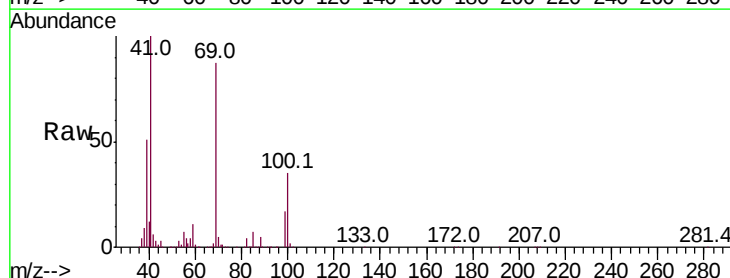
Tgt Ion: 41 Resp: 230216

Ion Ratio Lower Upper

41 100

69 88.6 68.6 102.8

39 51.5 42.4 63.6



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

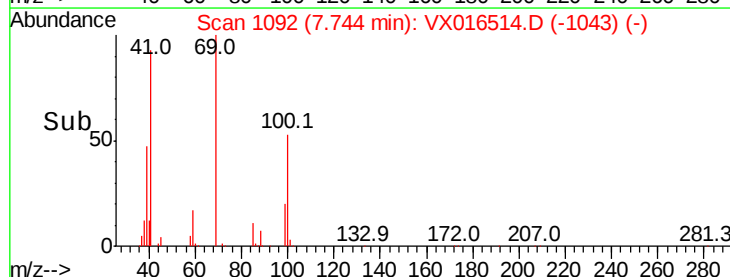
150000

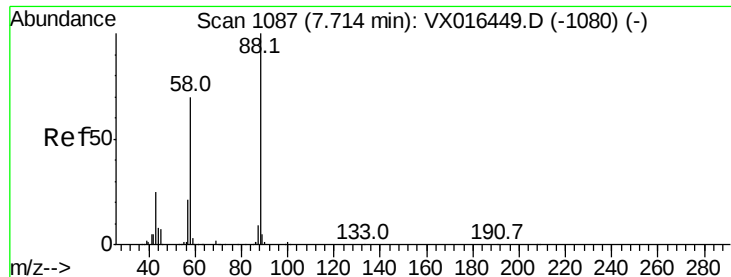
100000

50000

0

Time--> 7.65 7.70 7.75 7.80 7.85





#49

1,4-Dioxane

Concen: 885.418 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

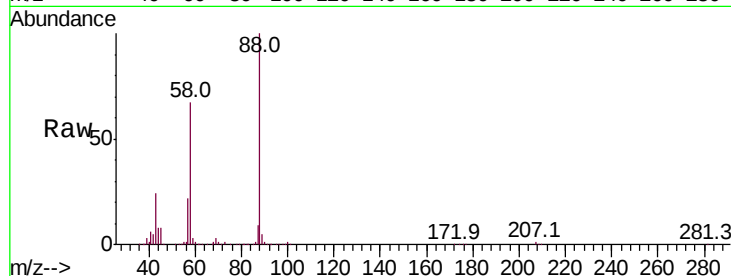
Tot Ion: 88 Resp: 100116

Ion Ratio Lower Upper

88 100

43 30.2 24.2 36.4

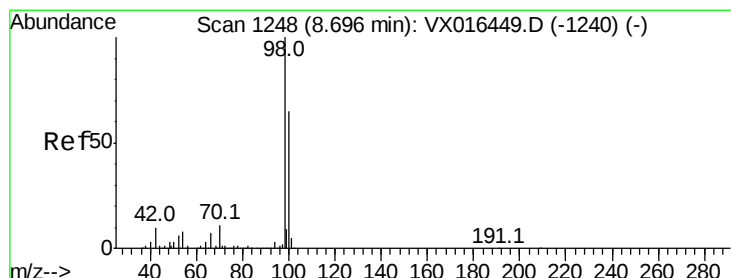
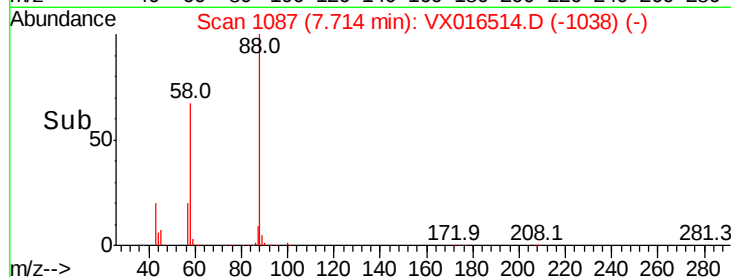
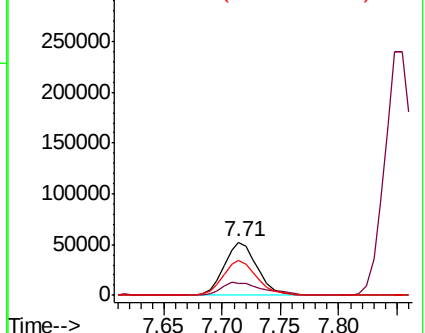
58 69.4 56.5 84.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 46.944 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016514.D

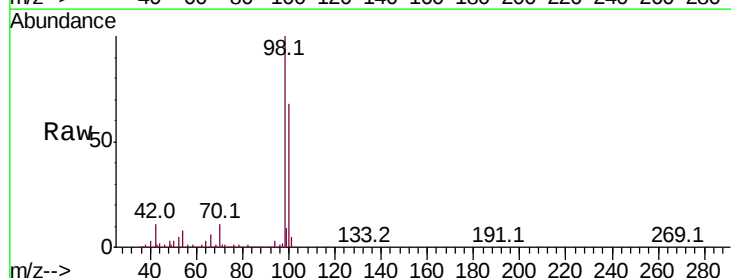
Acq: 29 May 2020 16:25

Tgt Ion: 98 Resp: 640304

Ion Ratio Lower Upper

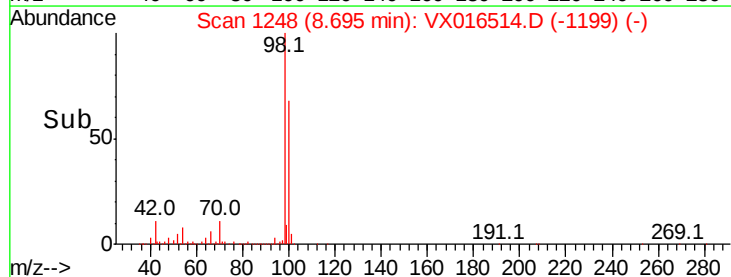
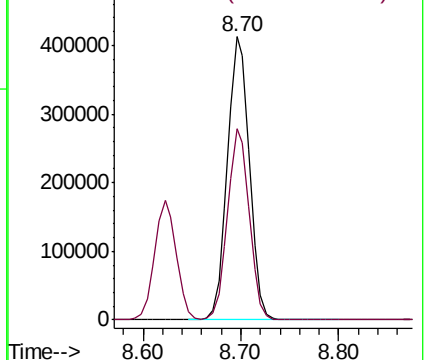
98 100

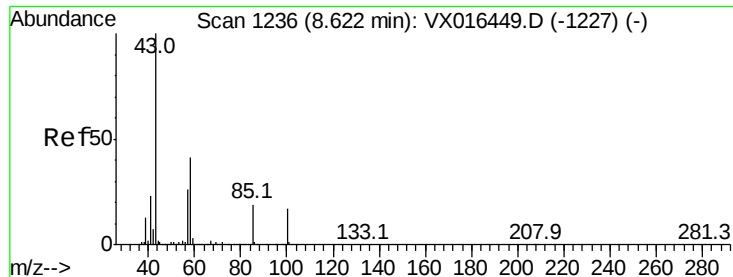
100 66.7 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

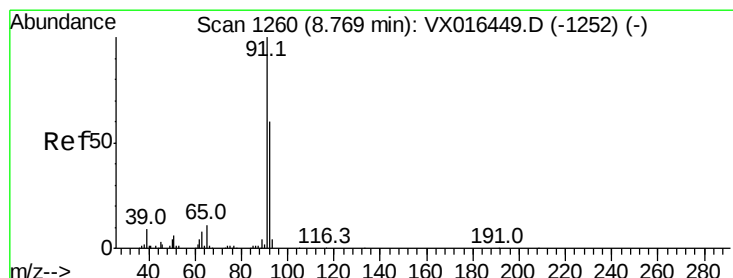
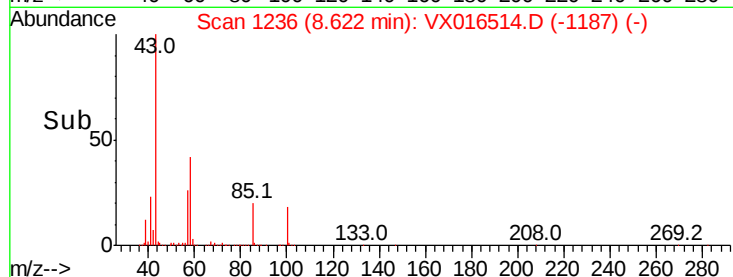
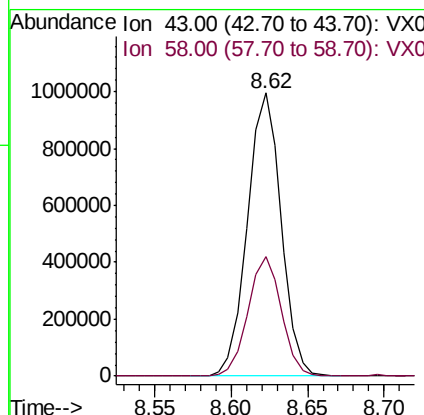
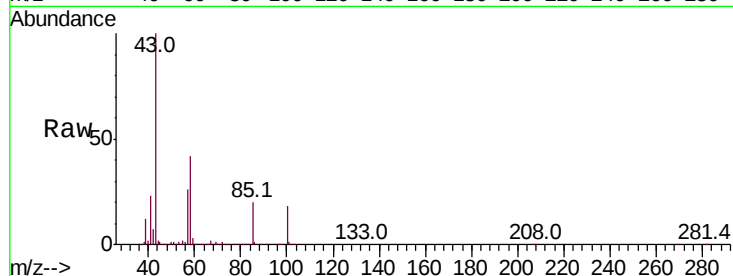




#51
 4-Methyl-2-Pentanone
 Concen: 242.140 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016514.D
 Acq: 29 May 2020 16:25

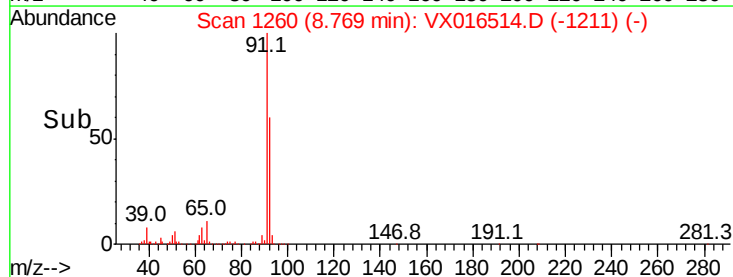
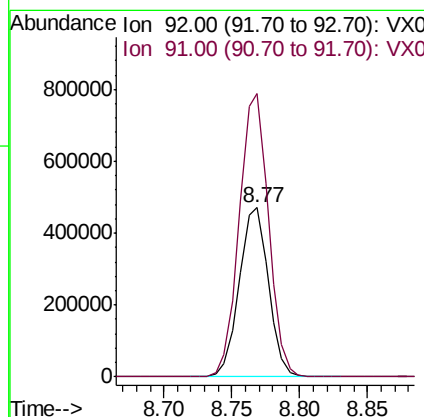
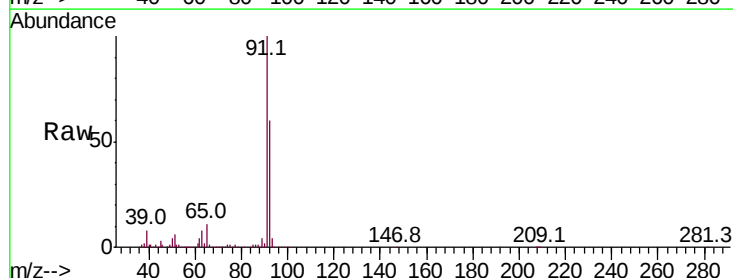
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

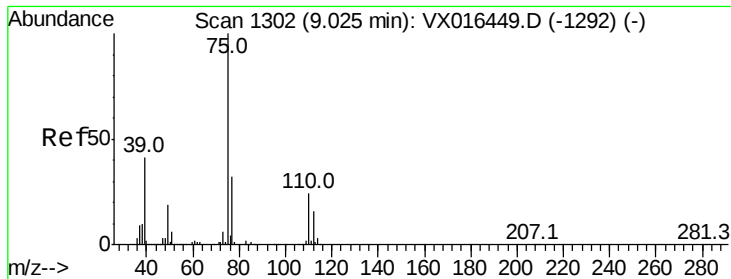
Tot Ion: 43 Resp: 1521445
 Ion Ratio Lower Upper
 43 100
 58 41.9 33.0 49.6



#52
 Toluene
 Concen: 69.846 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX016514.D
 Acq: 29 May 2020 16:25

Tgt Ion: 92 Resp: 706771
 Ion Ratio Lower Upper
 92 100
 91 167.8 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 48.580 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

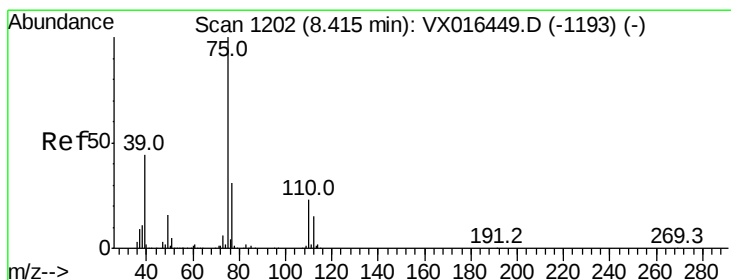
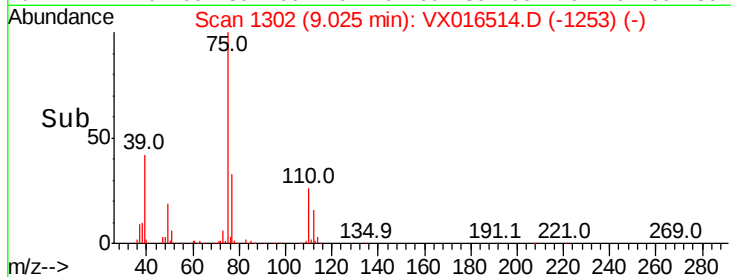
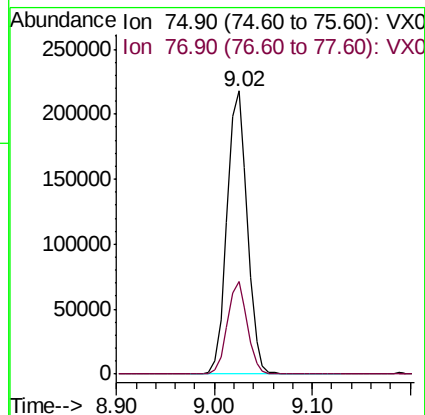
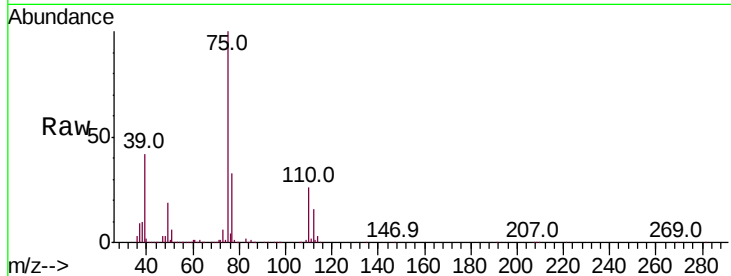
VSTDCCC050EC

Tot Ion: 75 Resp: 313843

Ion Ratio Lower Upper

75 100

77 32.6 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 49.260 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

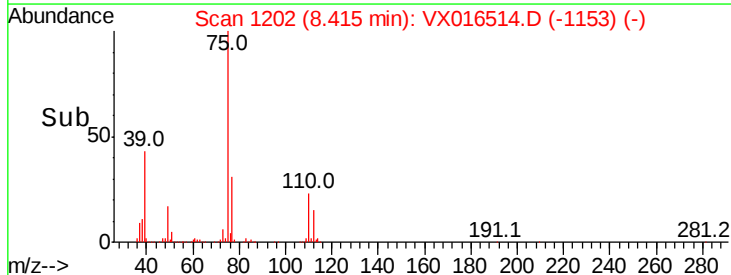
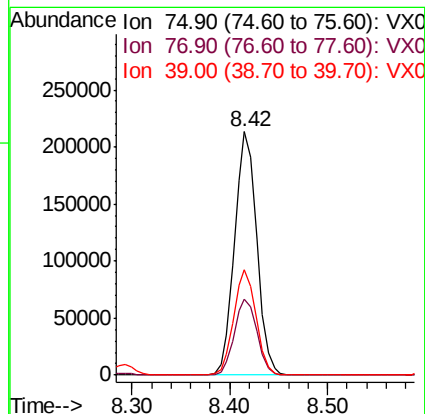
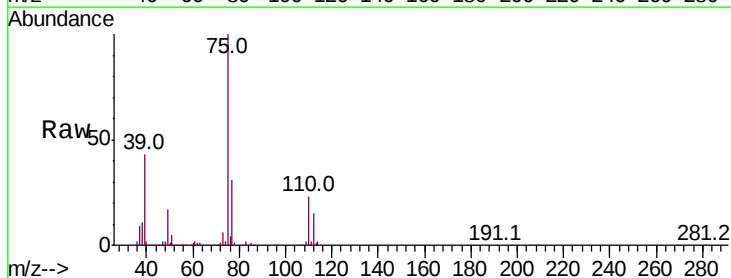
Tgt Ion: 75 Resp: 336844

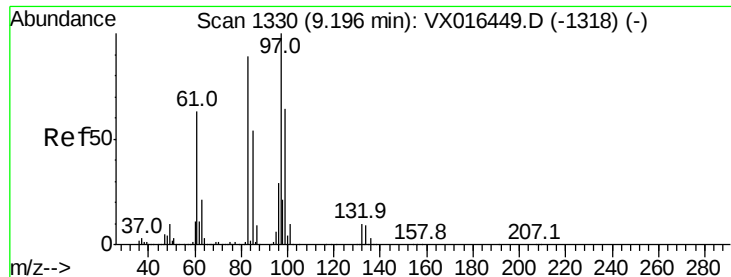
Ion Ratio Lower Upper

75 100

77 31.1 24.6 36.8

39 43.2 35.3 52.9





#55

1,1,2-Trichloroethane

Concen: 48.077 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 193430

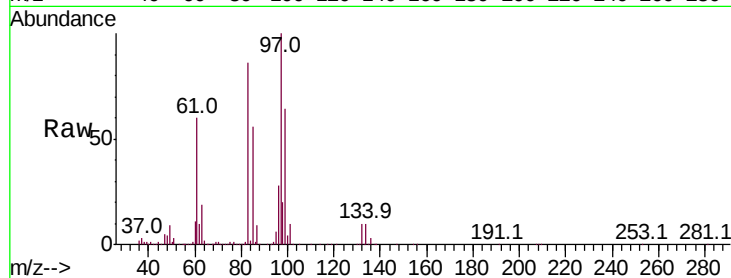
Ion Ratio Lower Upper

97 100

83 85.9 70.9 106.3

85 55.6 43.4 65.2

99 63.8 51.0 76.6

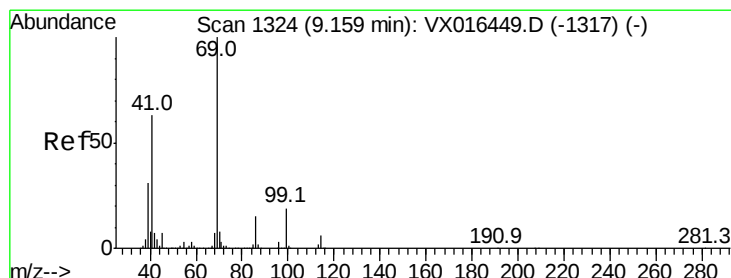
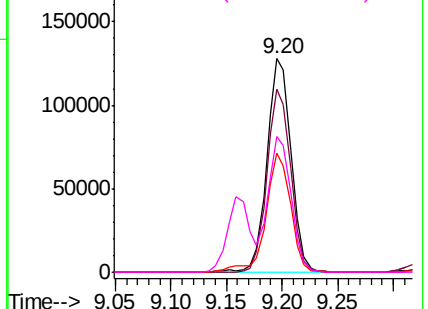
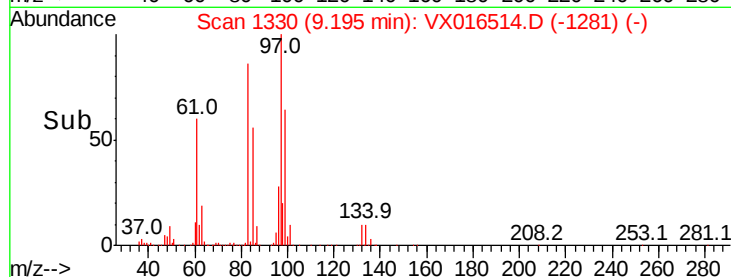


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 49.729 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

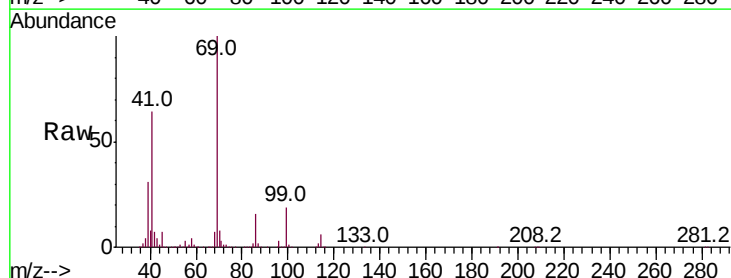
Tgt Ion: 69 Resp: 325848

Ion Ratio Lower Upper

69 100

41 63.0 50.7 76.1

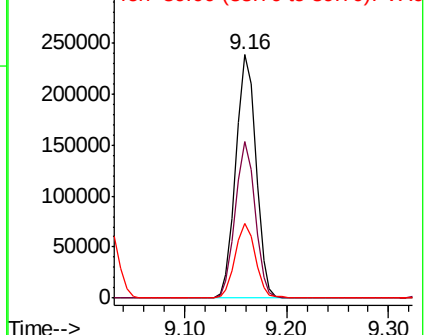
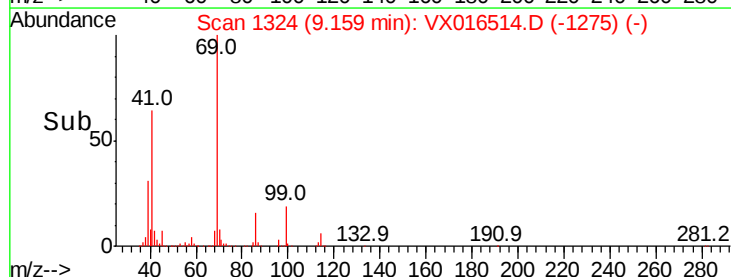
39 30.5 25.8 38.6

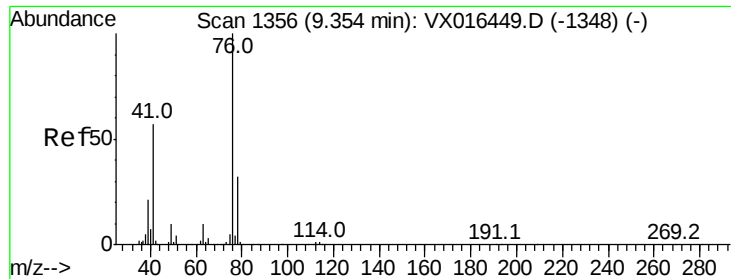


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 48.138 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

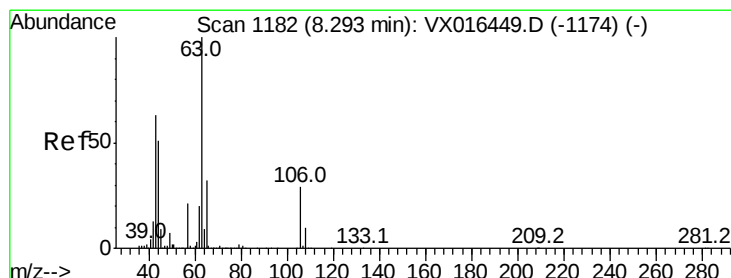
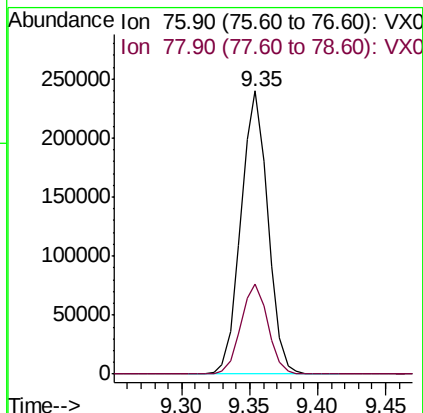
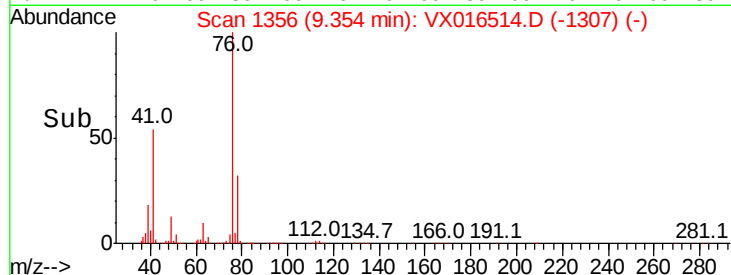
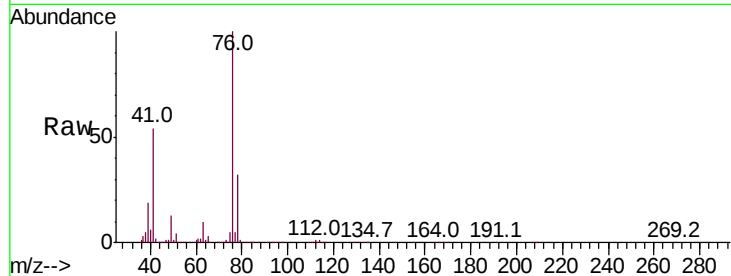
VSTDCCC050EC

Tot Ion: 76 Resp: 332431

Ion Ratio Lower Upper

76 100

78 31.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 243.534 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016514.D

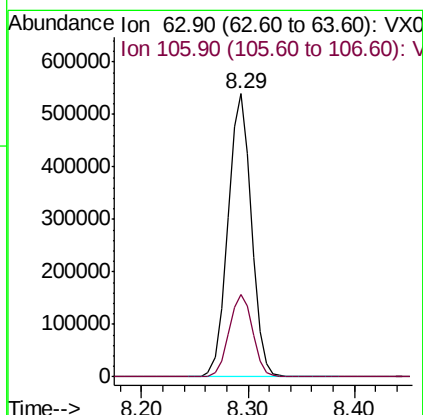
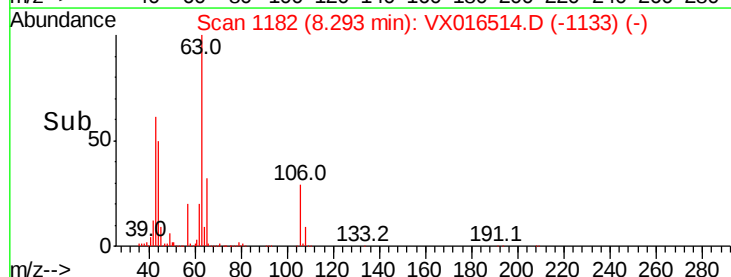
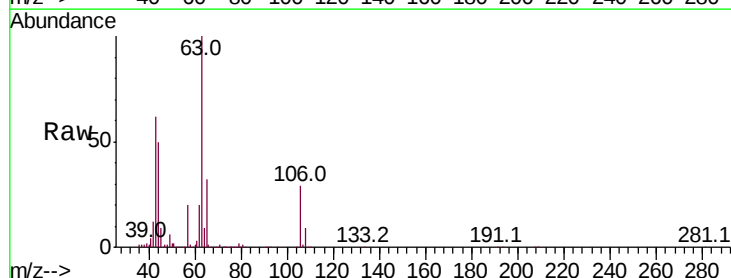
Acq: 29 May 2020 16:25

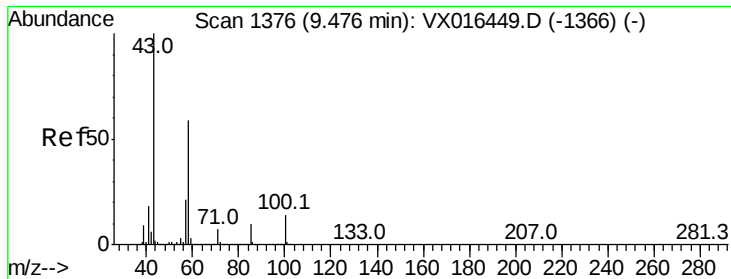
Tgt Ion: 63 Resp: 832919

Ion Ratio Lower Upper

63 100

106 29.4 23.2 34.8

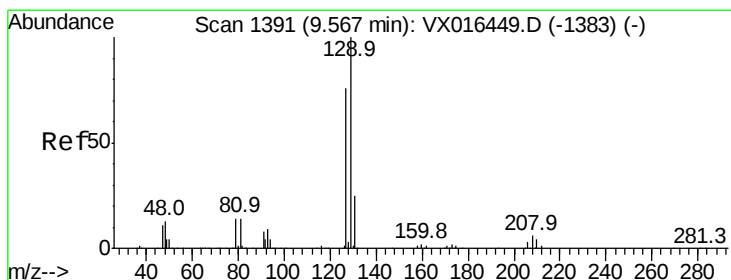
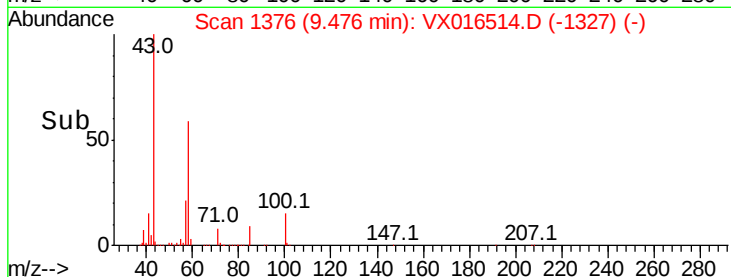
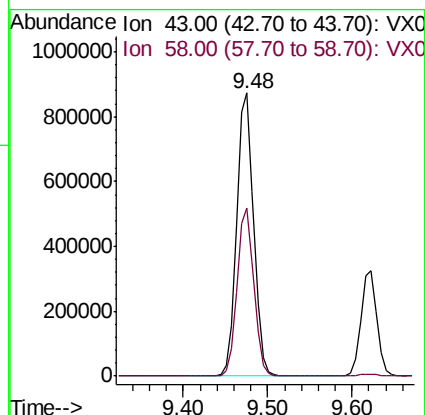
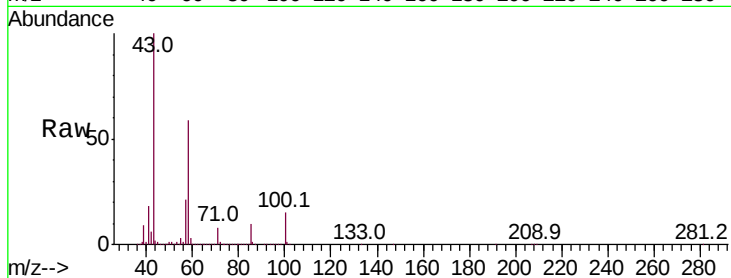




#59
2-Hexanone
Concen: 242.163 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

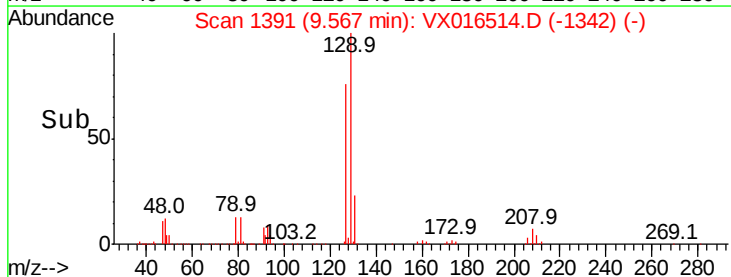
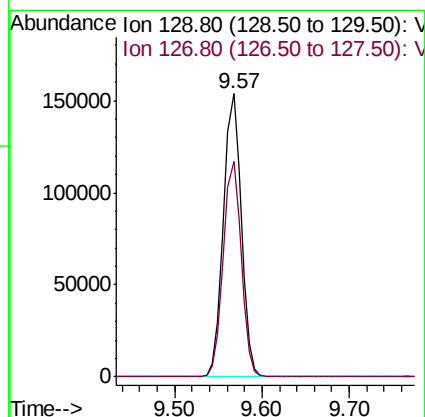
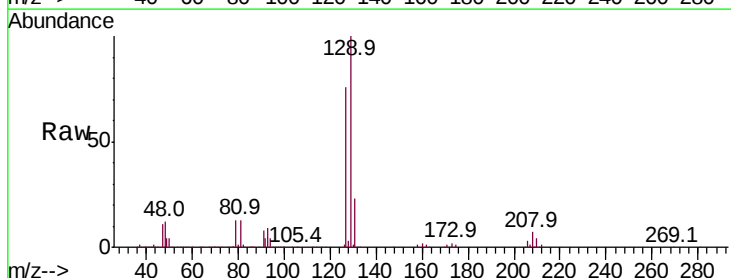
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

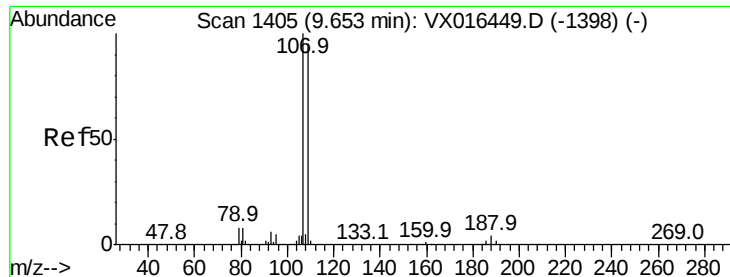
Tot Ion: 43 Resp: 1183277
Ion Ratio Lower Upper
43 100
58 58.7 28.8 86.4



#60
Dibromochloromethane
Concen: 47.955 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Tgt Ion: 129 Resp: 217127
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 48.480 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

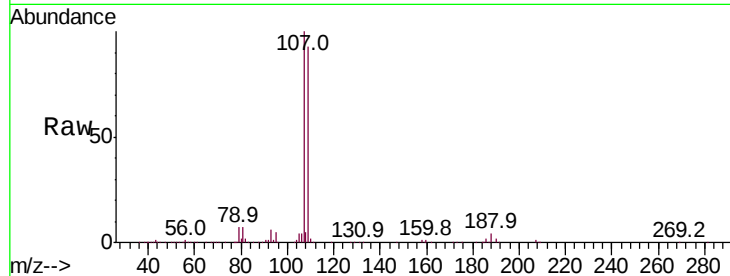
VSTDCCC050EC

Tot Ion:107 Resp: 208872

Ion Ratio Lower Upper

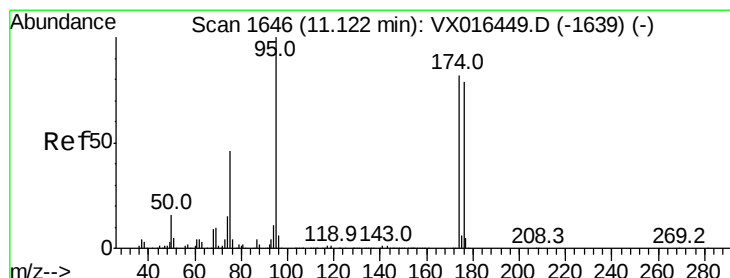
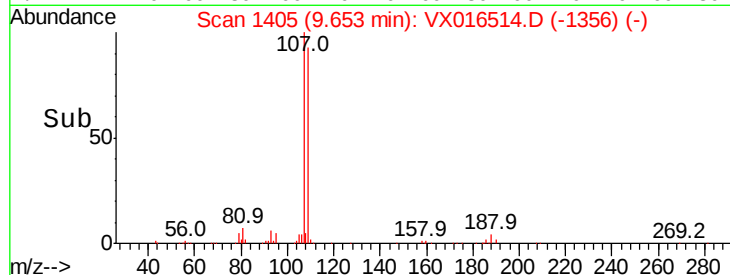
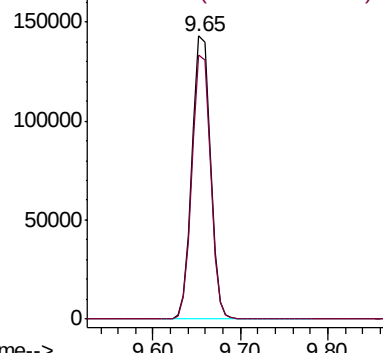
107 100

109 93.8 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.099 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

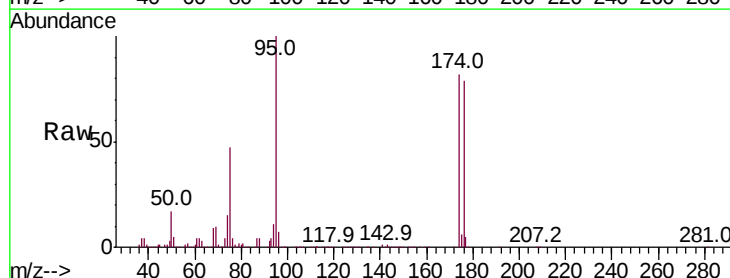
Tgt Ion: 95 Resp: 242957

Ion Ratio Lower Upper

95 100

174 82.1 0.0 163.0

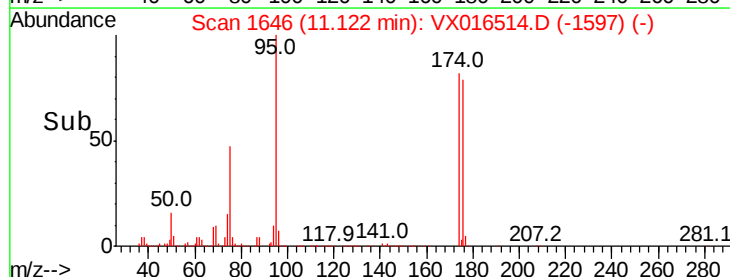
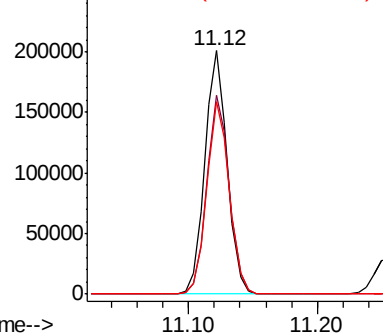
176 79.7 0.0 156.8

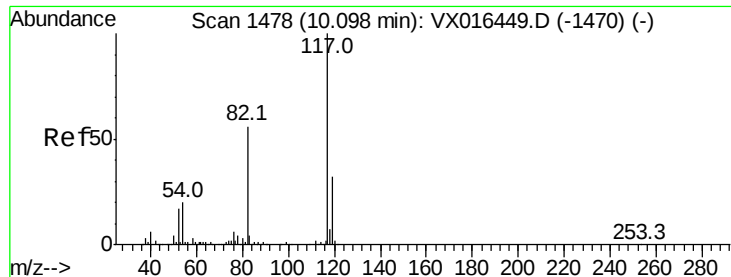


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

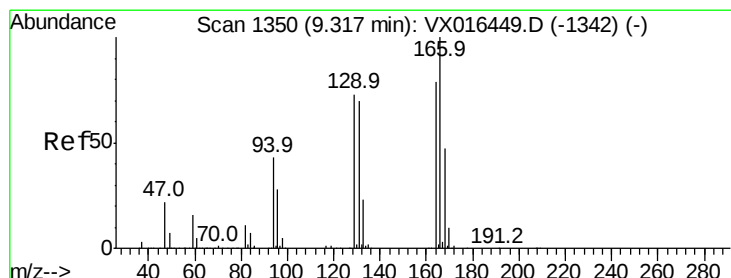
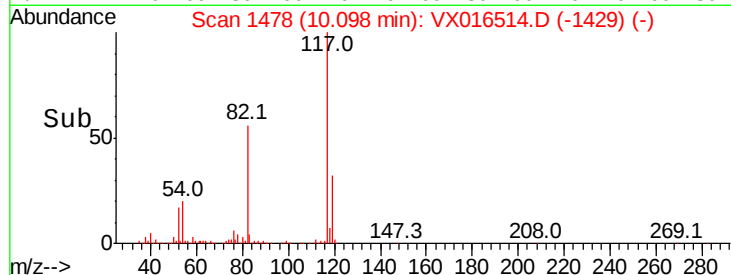
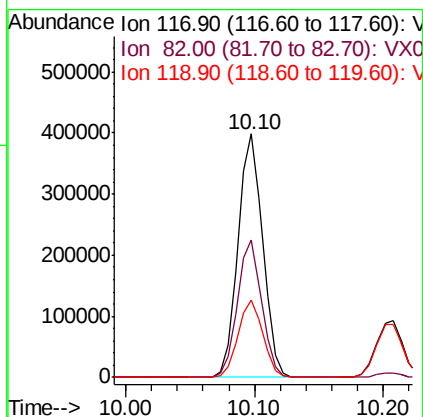
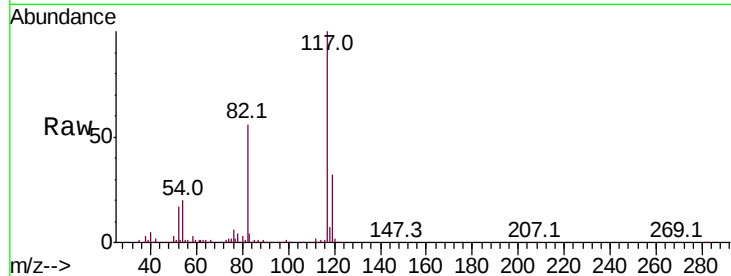




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

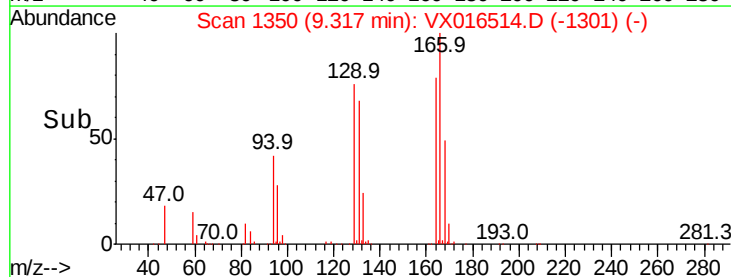
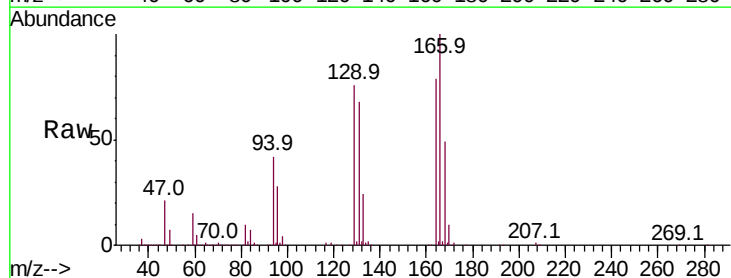
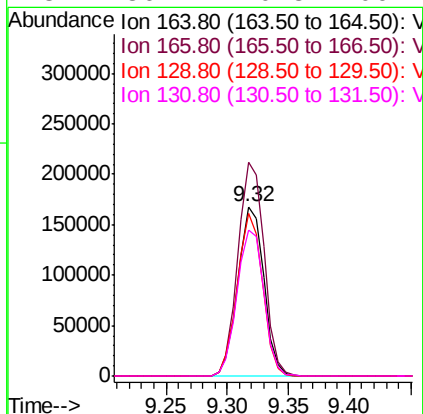
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

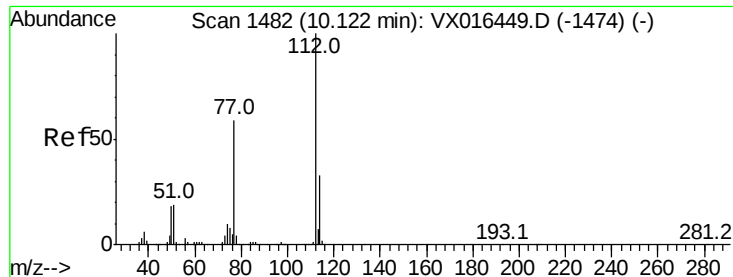
Tot Ion:117 Resp: 530429
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.6
119 31.5 25.8 38.8



#64
Tetrachloroethene
Concen: 41.490 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016514.D
Acq: 29 May 2020 16:25

Tgt Ion:164 Resp: 246218
Ion Ratio Lower Upper
164 100
166 126.0 100.9 151.3
129 95.8 73.2 109.8
131 86.2 70.8 106.2





#65

Chlorobenzene

Concen: 47.382 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

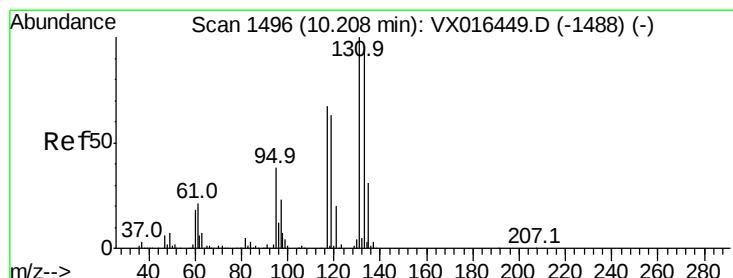
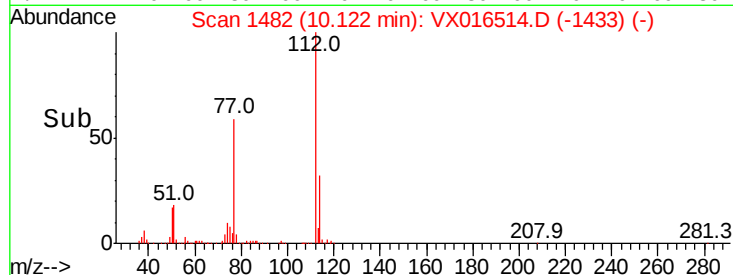
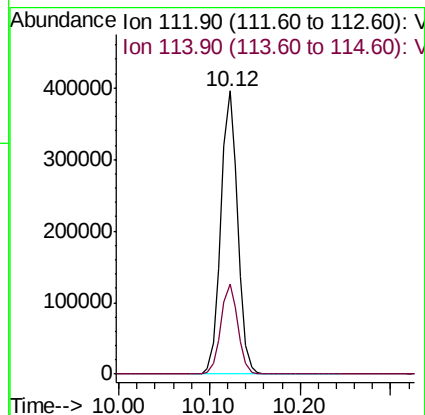
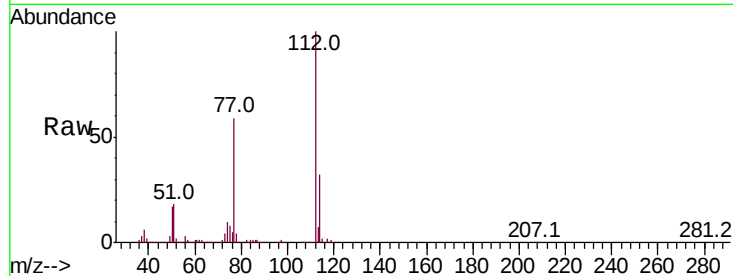
VSTDCCC050EC

Tot Ion:112 Resp: 512387

Ion Ratio Lower Upper

112 100

114 31.8 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 47.573 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

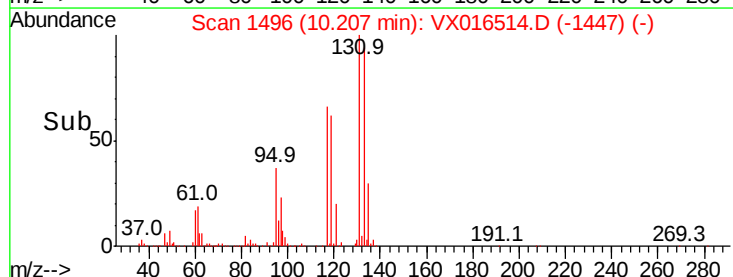
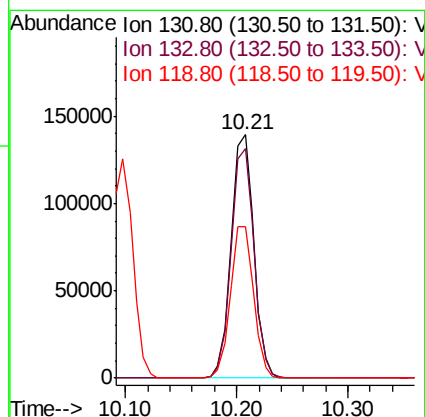
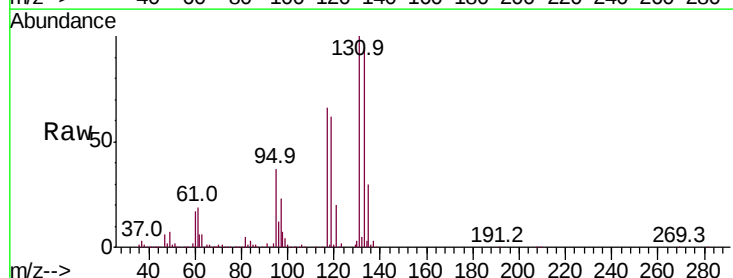
Tgt Ion:131 Resp: 196380

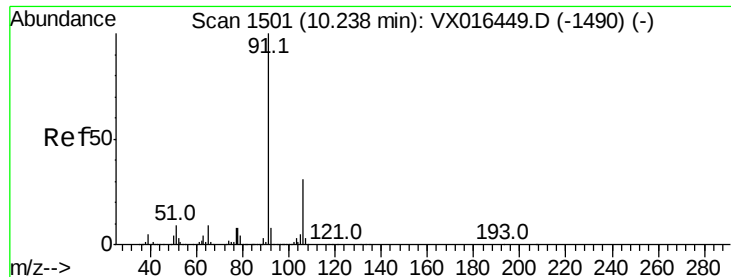
Ion Ratio Lower Upper

131 100

133 95.5 48.4 145.3

119 64.0 32.0 96.2





#67

Ethyl Benzene

Concen: 52.308 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

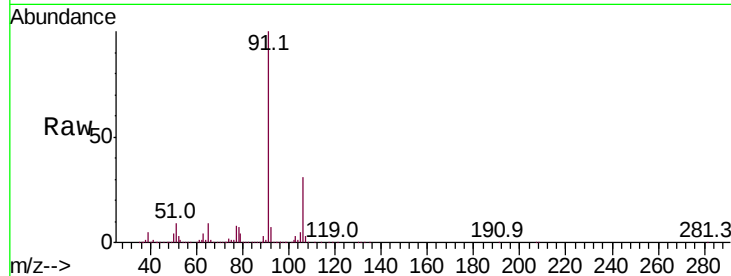
VSTDCCC050EC

Tot Ion: 91 Resp: 1007112

Ion Ratio Lower Upper

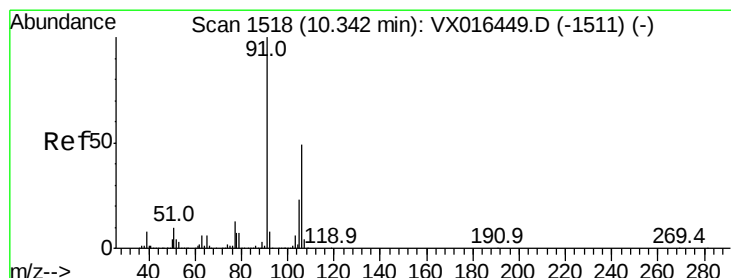
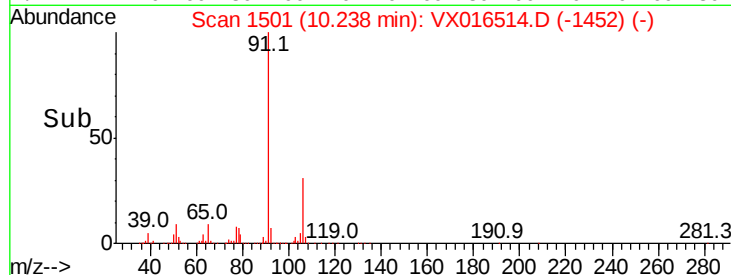
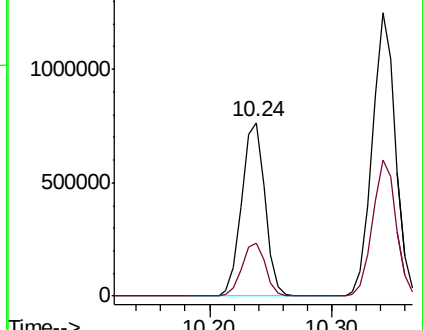
91 100

106 30.9 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX016449.D (-1490) (-)

Ion 106.00 (105.70 to 106.70): VX016449.D (-1490) (-)



#68

m/p-Xylenes

Concen: 112.391 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016514.D

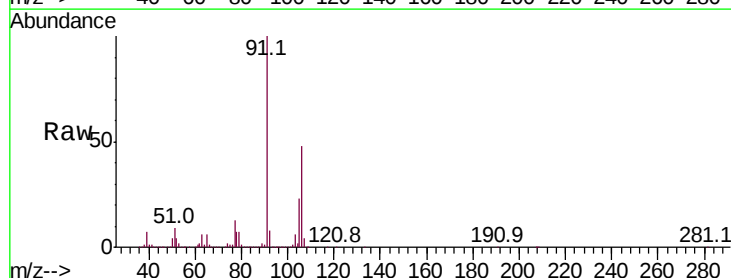
Acq: 29 May 2020 16:25

Tgt Ion: 106 Resp: 802319

Ion Ratio Lower Upper

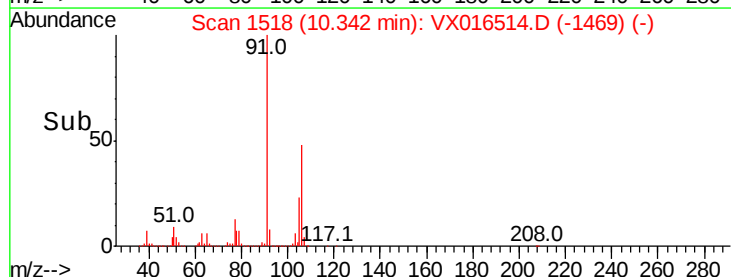
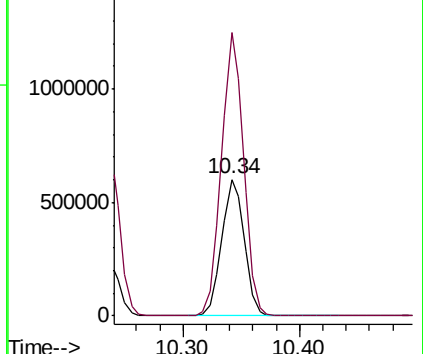
106 100

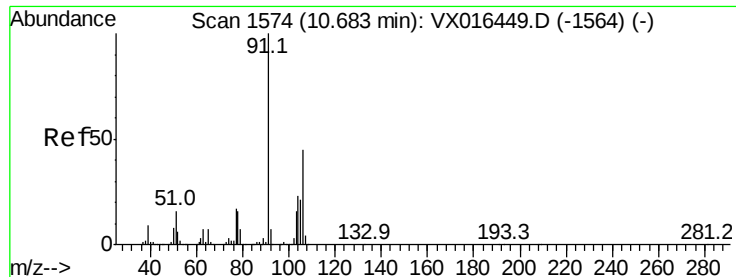
91 204.1 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): VX016449.D (-1511) (-)

Ion 91.00 (90.70 to 91.70): VX016449.D (-1511) (-)





#69

o-Xylene

Concen: 54.377 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

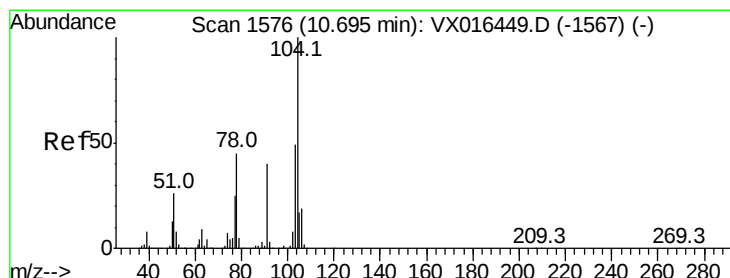
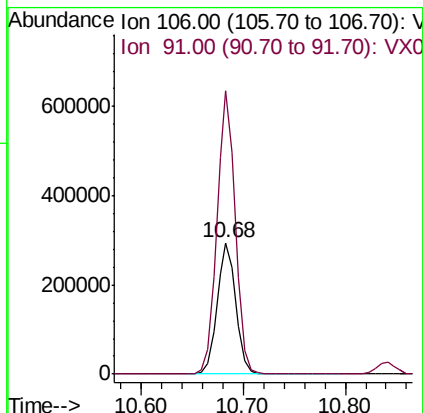
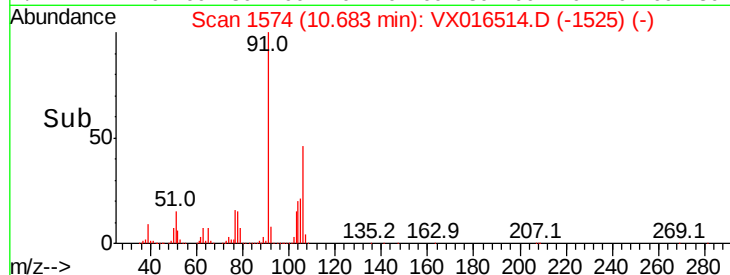
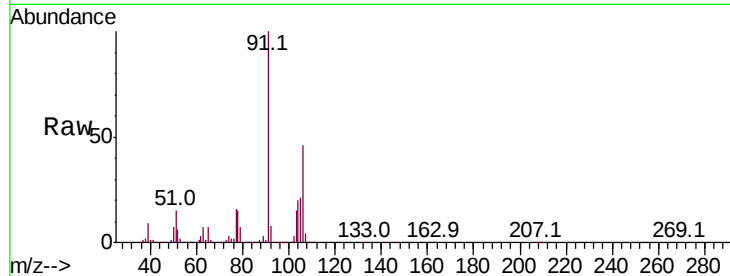
VSTDCCC050EC

Tot Ion:106 Resp: 375934

Ion Ratio Lower Upper

106 100

91 212.7 109.6 328.8



#70

Styrene

Concen: 49.507 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

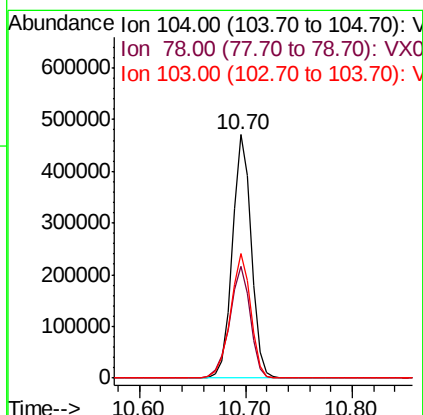
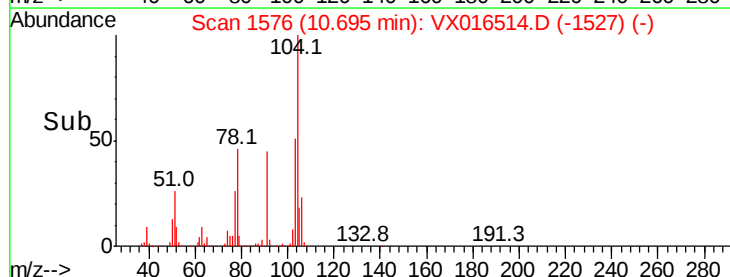
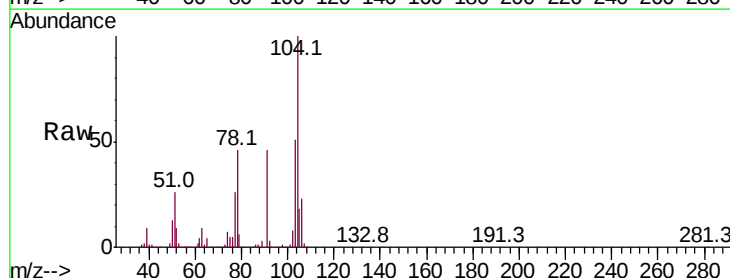
Tgt Ion:104 Resp: 588299

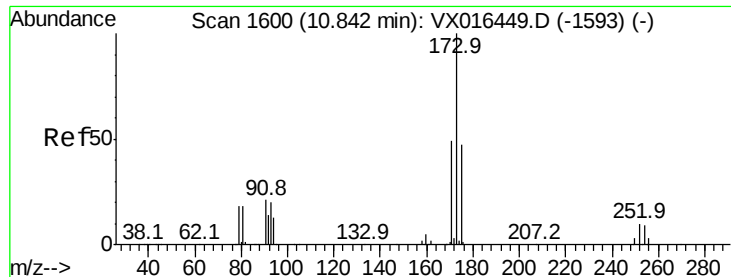
Ion Ratio Lower Upper

104 100

78 50.2 40.2 60.2

103 55.0 43.1 64.7





#71

Bromoform

Concen: 48.002 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

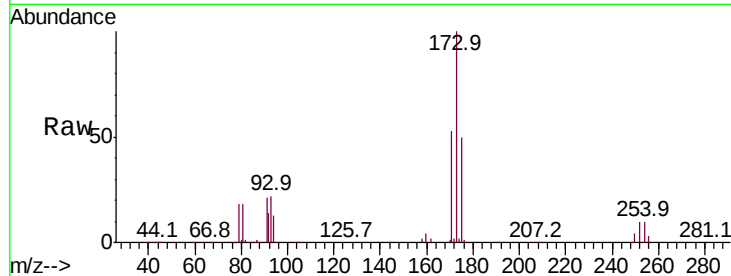
Tot Ion:173 Resp: 167465

Ion Ratio Lower Upper

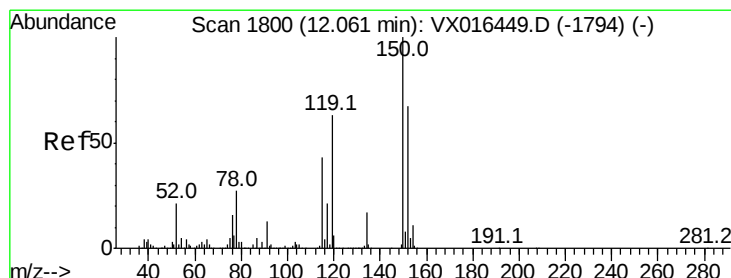
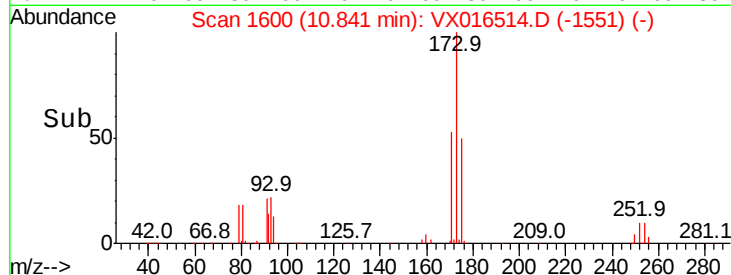
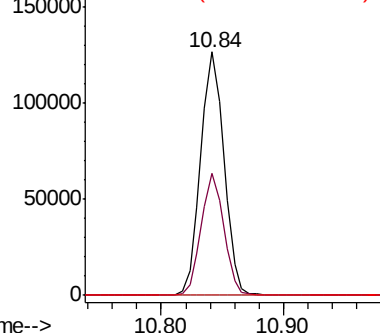
173 100

175 48.4 23.9 71.7

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

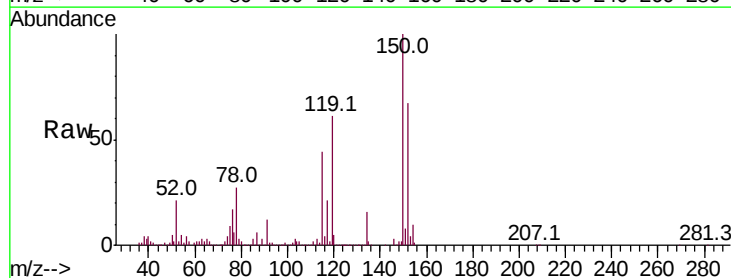
Tgt Ion:152 Resp: 255334

Ion Ratio Lower Upper

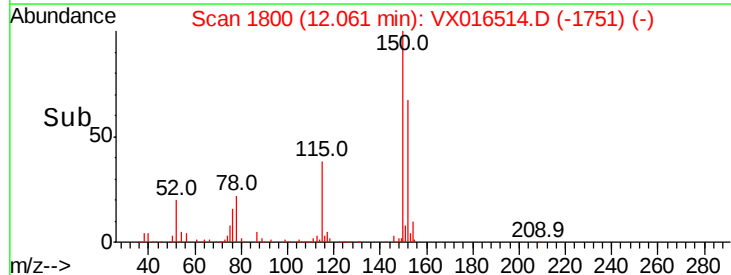
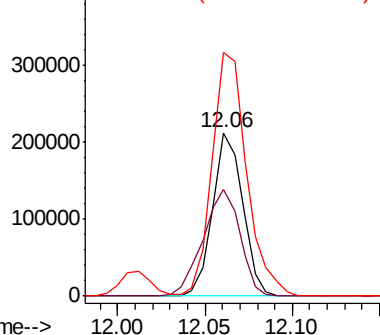
152 100

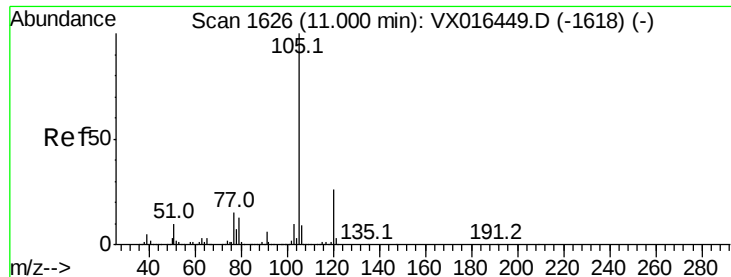
115 80.1 39.9 119.6

150 171.5 0.0 341.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.457 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

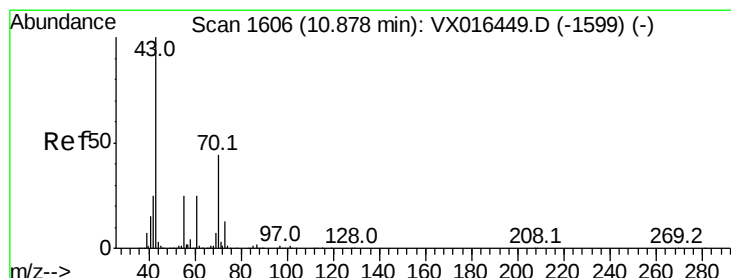
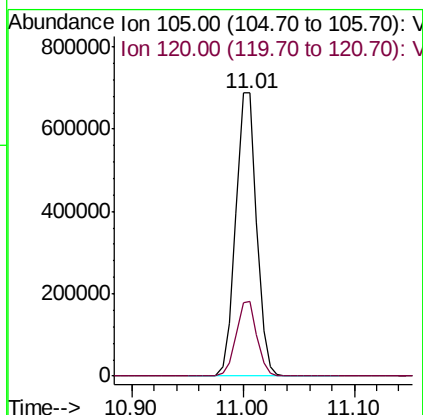
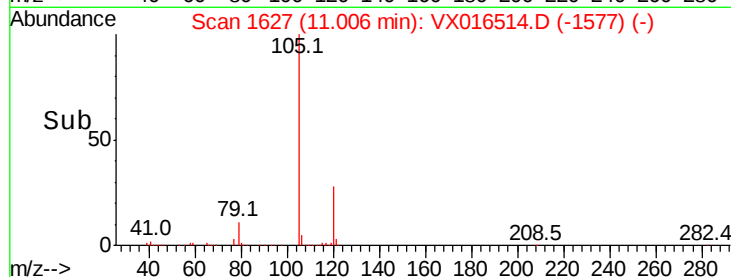
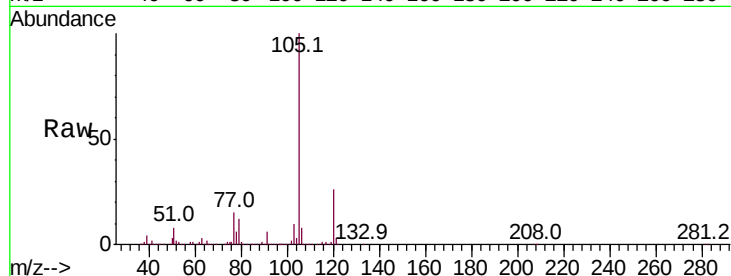
VSTDCCC050EC

Tot Ion:105 Resp: 892662

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.3



#74

N-ethyl acetate

Concen: 51.656 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Tgt Ion: 43 Resp: 420356

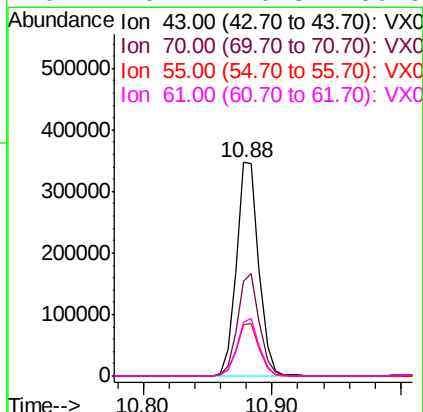
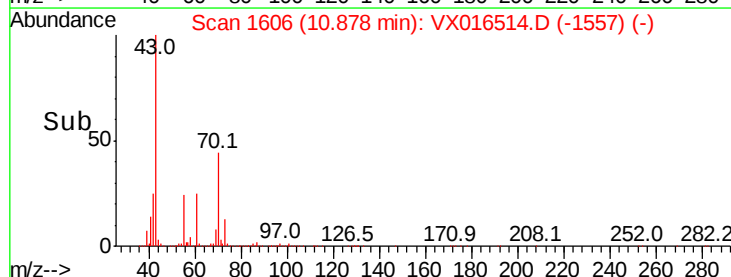
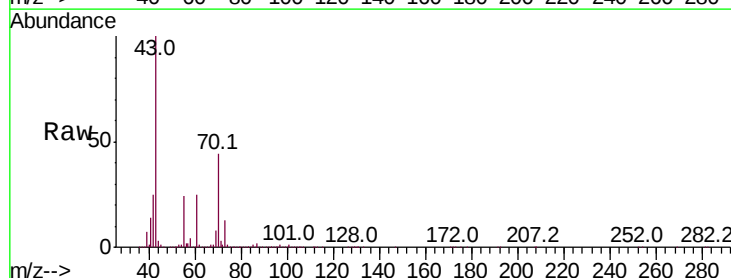
Ion Ratio Lower Upper

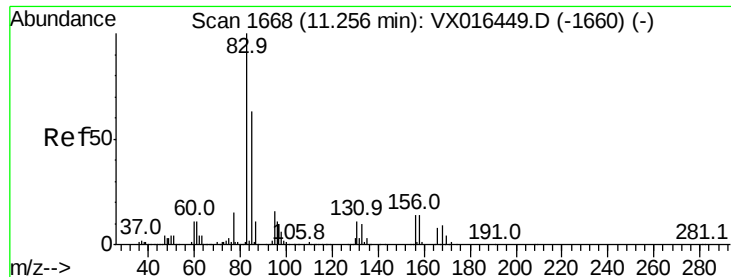
43 100

70 46.5 36.1 54.1

55 24.7 20.2 30.4

61 26.2 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 56.303 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

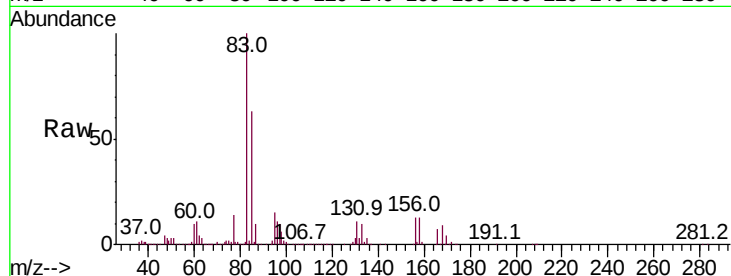
Tot Ion: 83 Resp: 249639

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

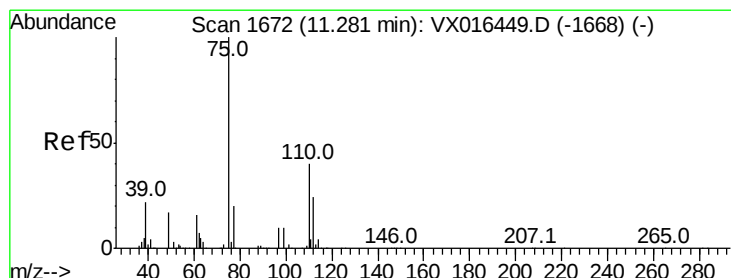
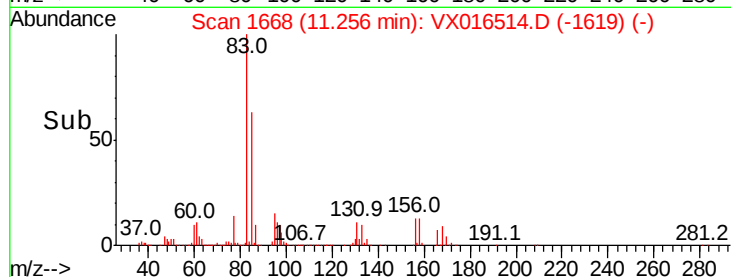
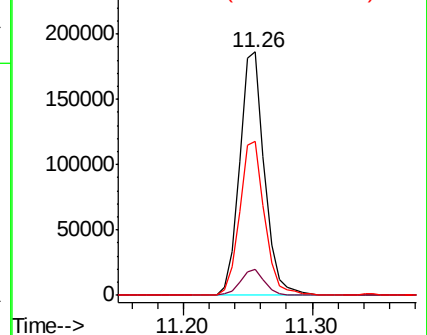
85 63.9 32.0 96.2



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: 66.842 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016514.D

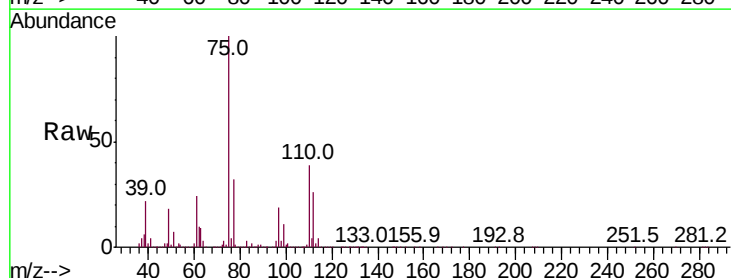
Acq: 29 May 2020 16:25

Tgt Ion: 75 Resp: 375140

Ion Ratio Lower Upper

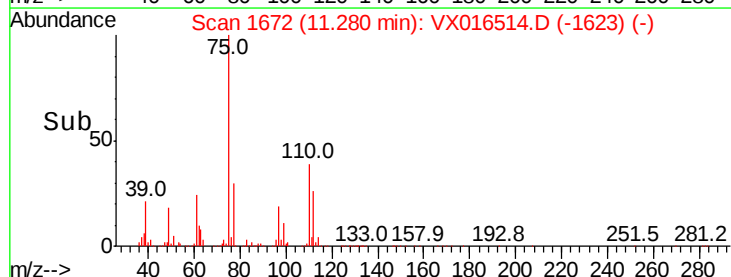
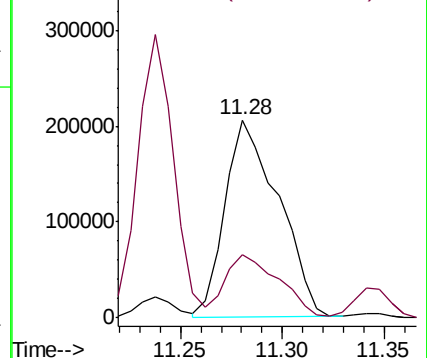
75 100

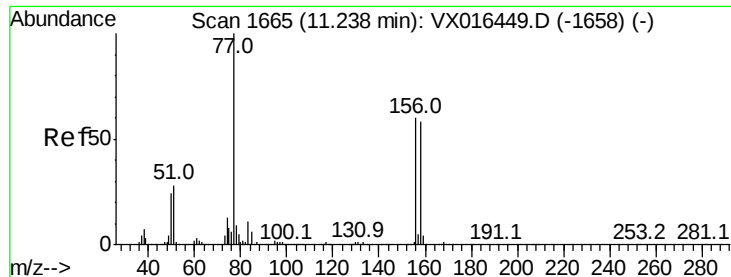
77 32.4 21.3 63.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.832 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

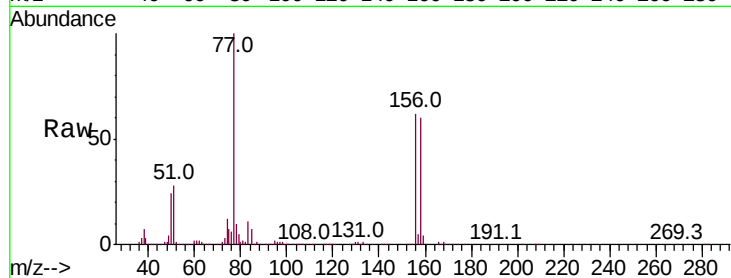
Tot Ion:156 Resp: 226588

Ion Ratio Lower Upper

156 100

77 159.4 79.6 238.8

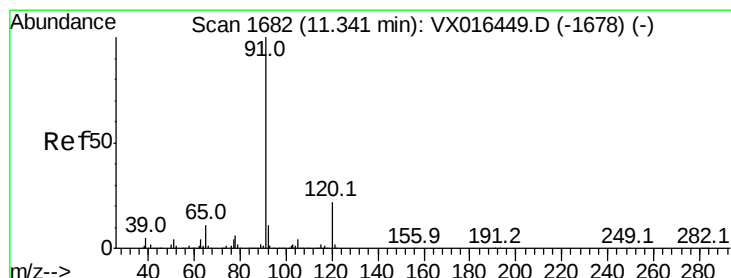
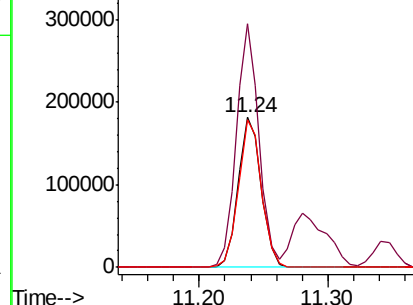
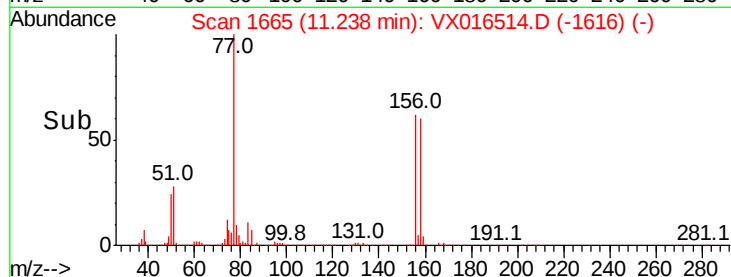
158 98.5 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.779 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016514.D

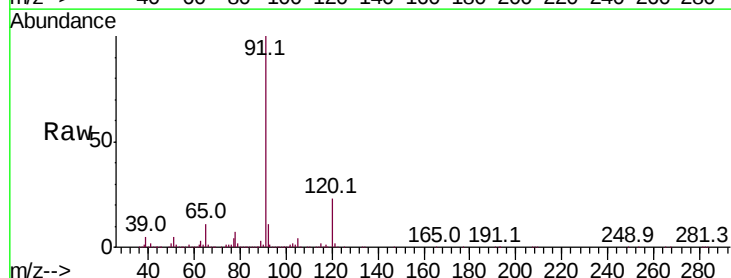
Acq: 29 May 2020 16:25

Tgt Ion: 91 Resp: 1023428

Ion Ratio Lower Upper

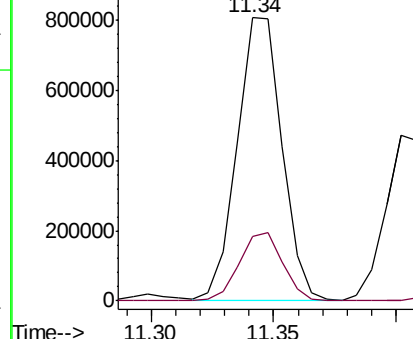
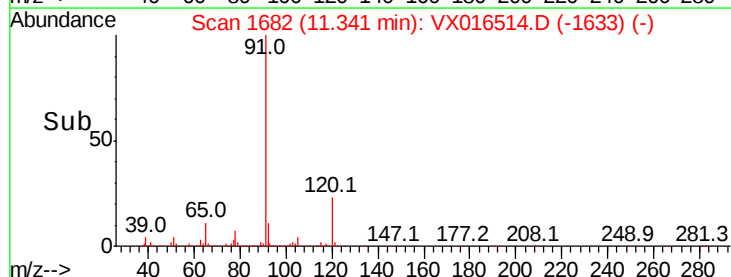
91 100

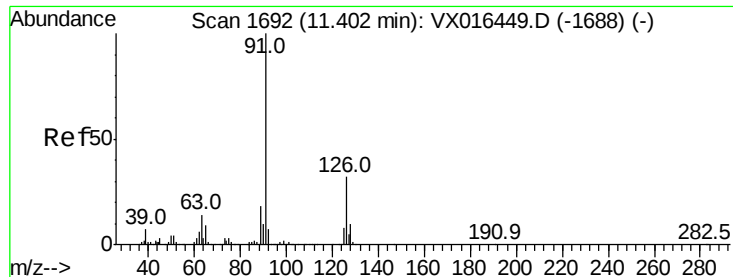
120 23.4 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

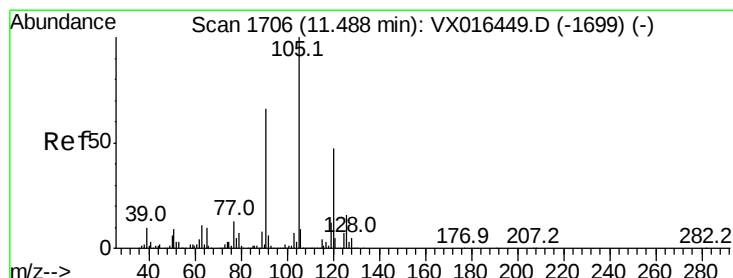
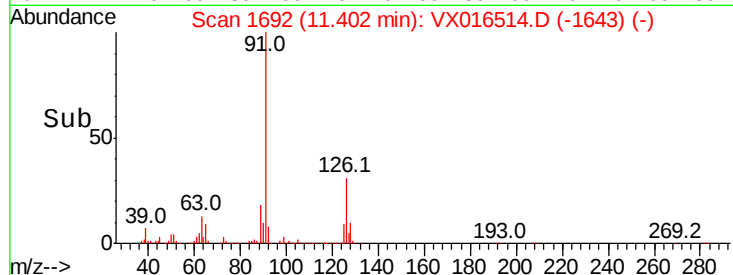
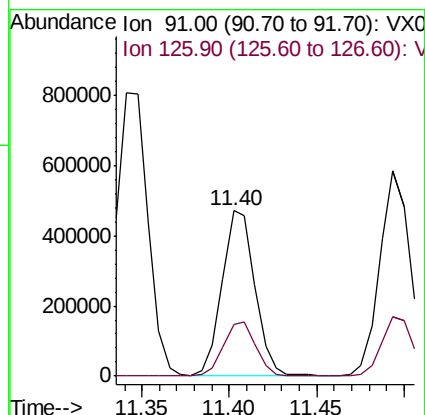
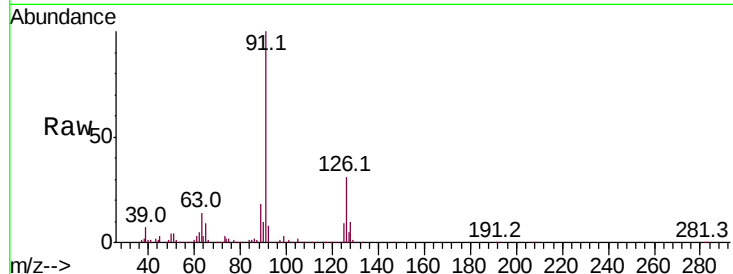




#79
 2-Chlorotoluene
 Concen: 50.830 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX016514.D
 Acq: 29 May 2020 16:25

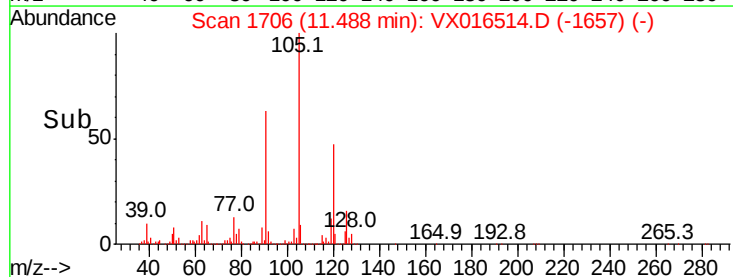
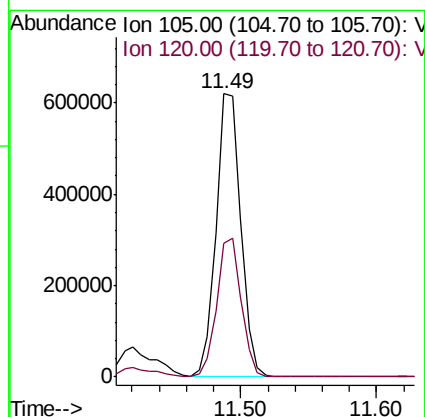
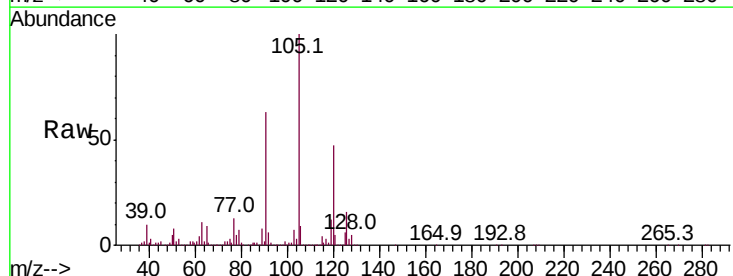
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

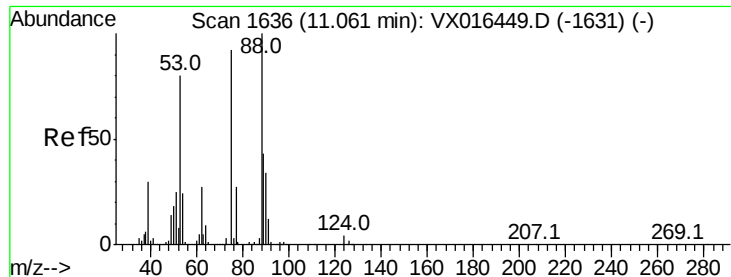
Tot Ion: 91 Resp: 613248
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.8 50.3



#80
 1,3,5-Trimethylbenzene
 Concen: 52.700 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX016514.D
 Acq: 29 May 2020 16:25

Tgt Ion:105 Resp: 778491
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 51.559 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

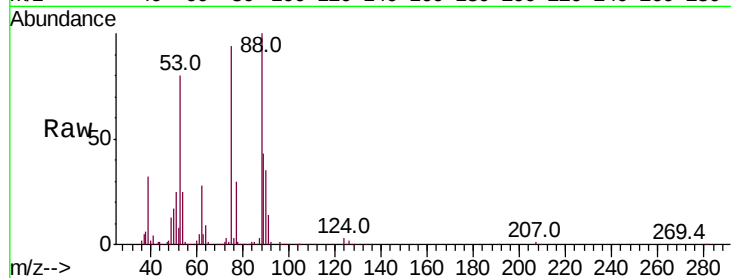
Tot Ion: 75 Resp: 117637

Ion Ratio Lower Upper

75 100

53 86.0 71.3 106.9

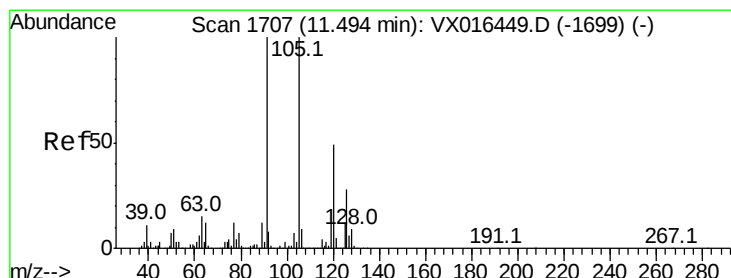
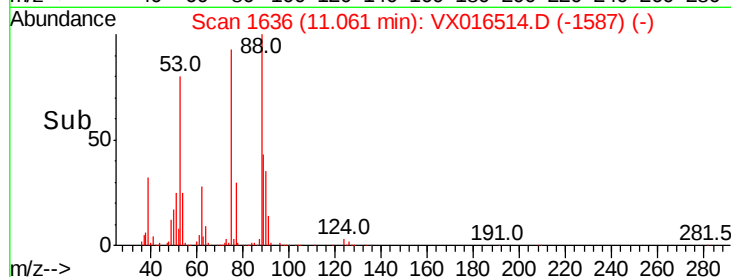
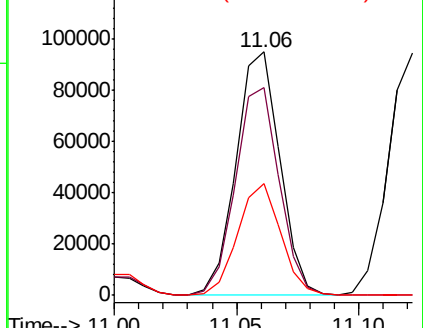
89 45.8 36.6 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.639 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016514.D

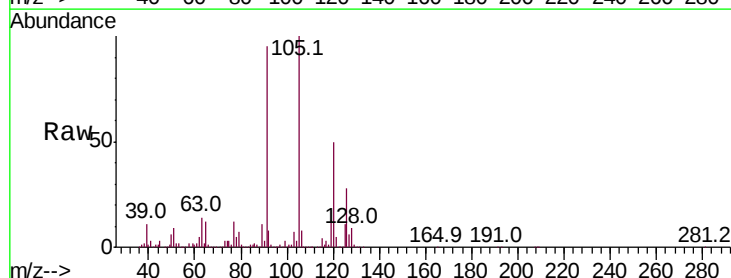
Acq: 29 May 2020 16:25

Tgt Ion: 91 Resp: 707206

Ion Ratio Lower Upper

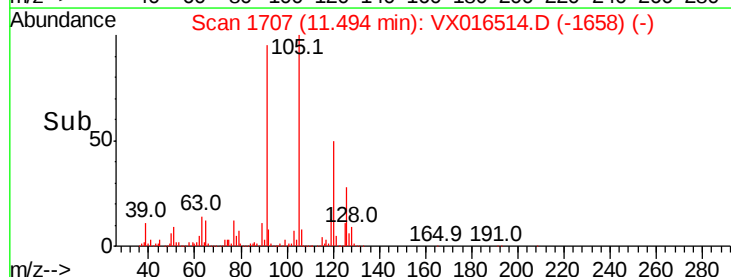
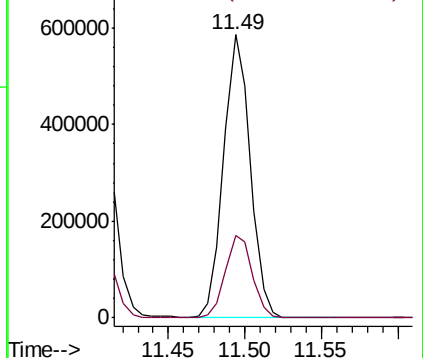
91 100

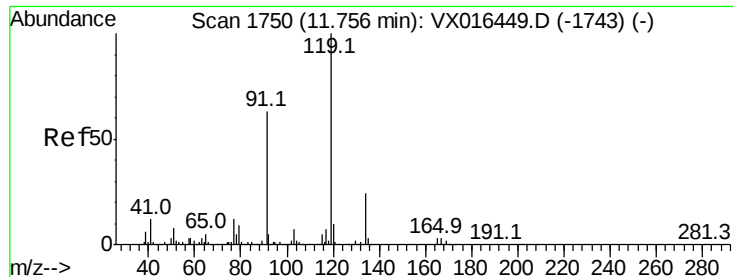
126 29.4 14.7 44.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

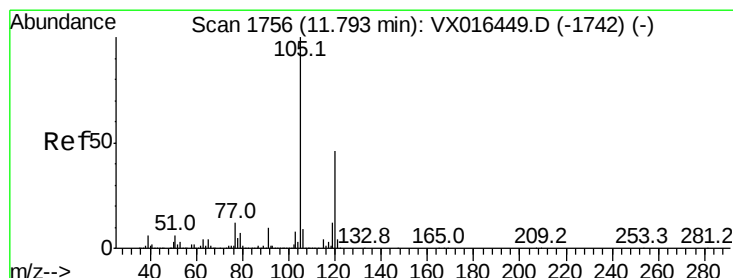
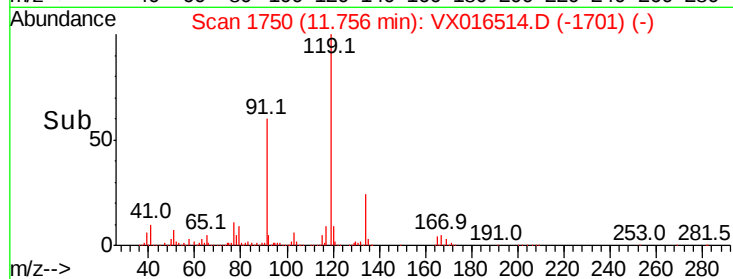
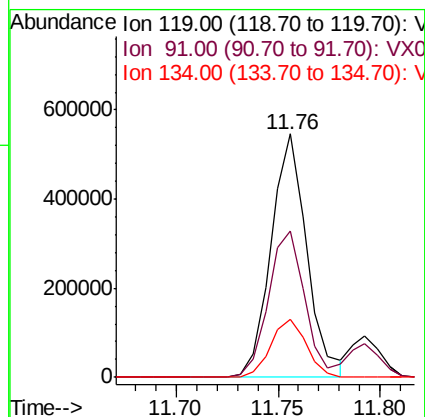
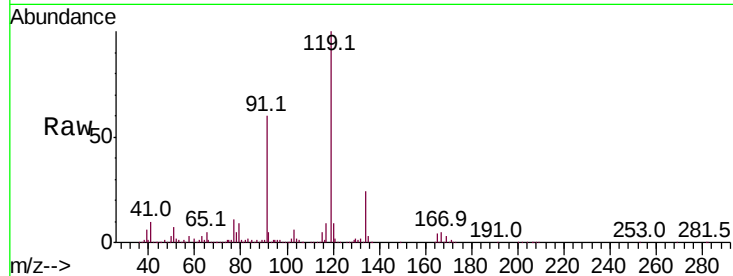




#83
 tert-Butylbenzene
 Concen: 52.864 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016514.D
 Acq: 29 May 2020 16:25

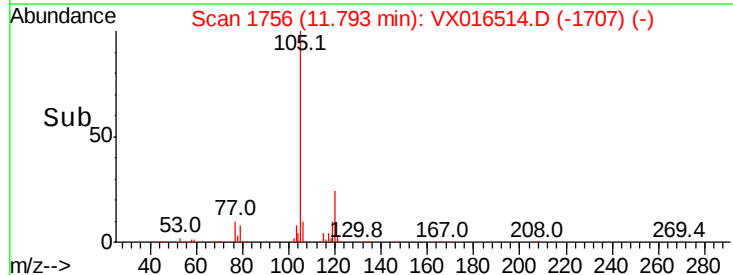
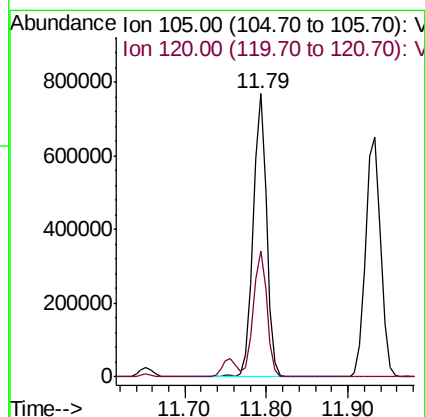
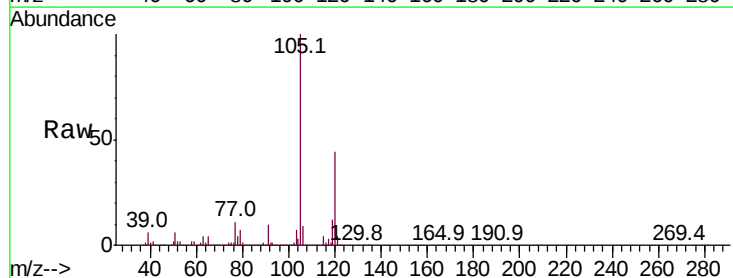
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

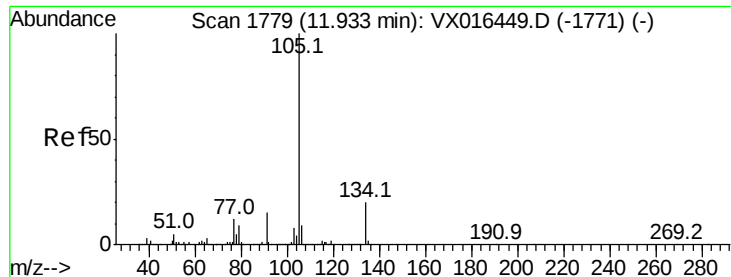
Tot Ion:119 Resp: 667262
 Ion Ratio Lower Upper
 119 100
 91 60.5 31.3 93.8
 134 24.0 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 59.645 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016514.D
 Acq: 29 May 2020 16:25

Tgt Ion:105 Resp: 891065
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.6 67.7

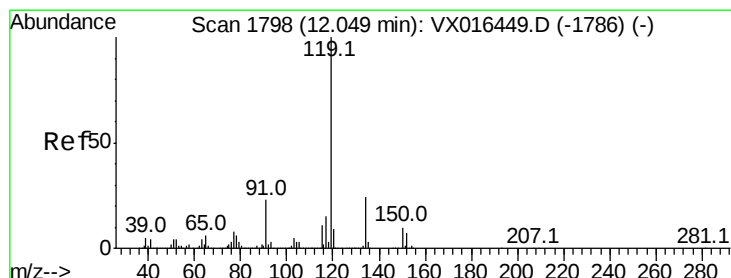
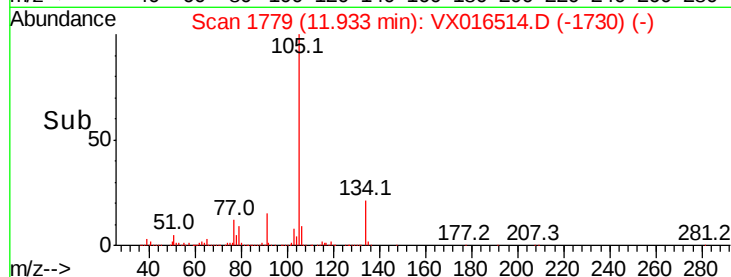
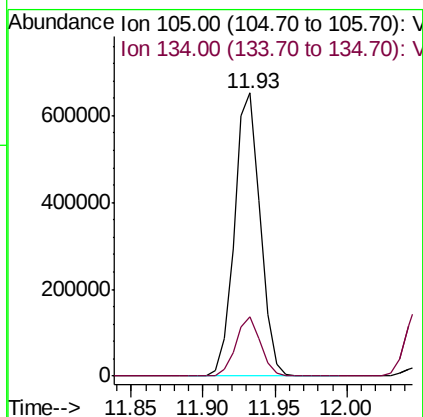
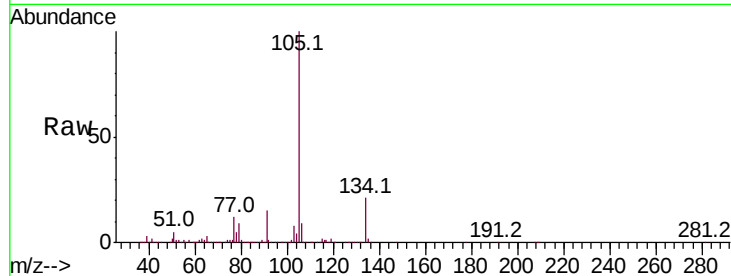




#85
 sec-Butylbenzene
 Concen: 51.331 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016514.D
 Acq: 29 May 2020 16:25

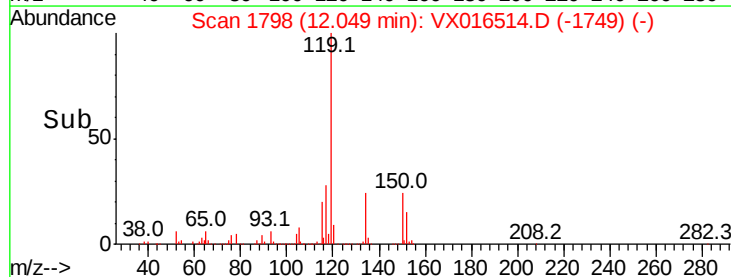
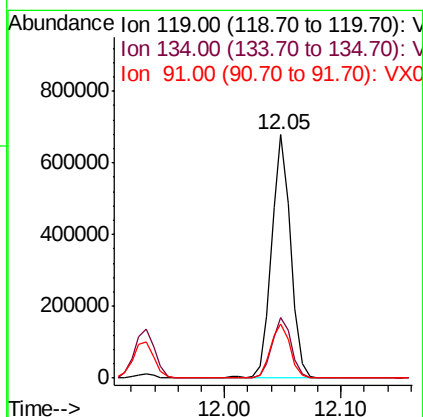
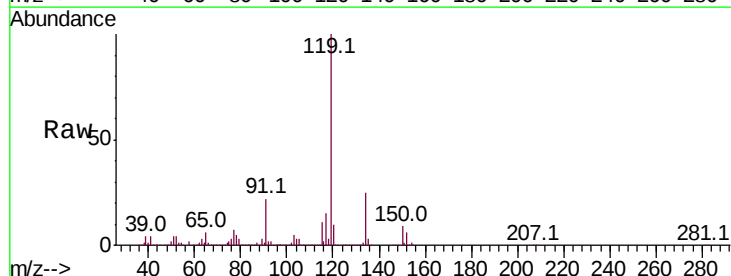
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

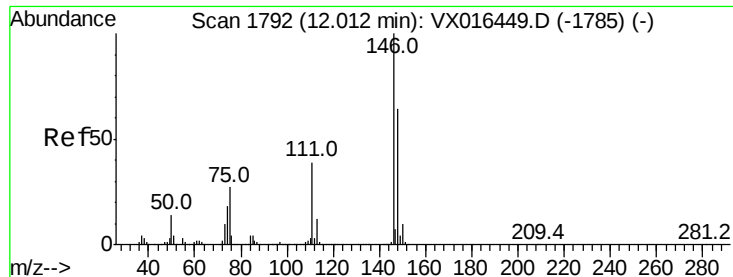
Tot Ion:105 Resp: 812786
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 51.863 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016514.D
 Acq: 29 May 2020 16:25

Tgt Ion:119 Resp: 769250
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.7 38.0
 91 23.1 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 48.317 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

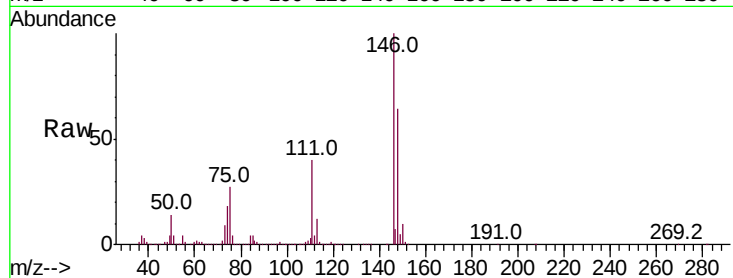
Tot Ion:146 Resp: 388419

Ion Ratio Lower Upper

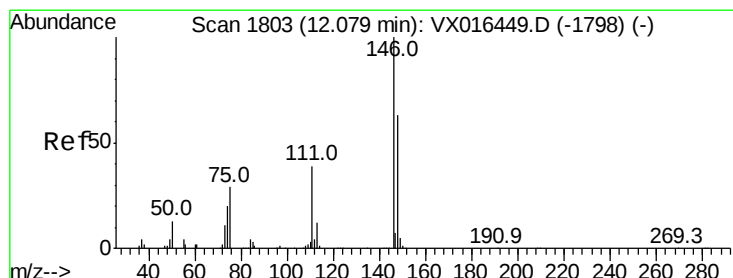
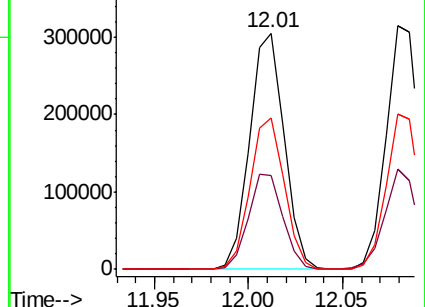
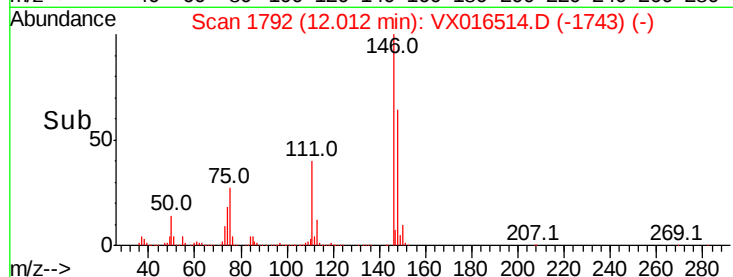
146 100

111 40.5 20.0 60.0

148 64.0 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 47.969 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

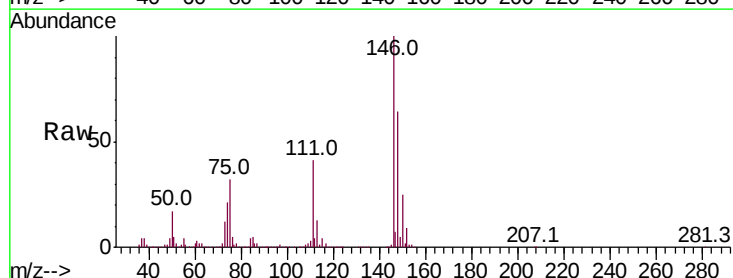
Tgt Ion:146 Resp: 394394

Ion Ratio Lower Upper

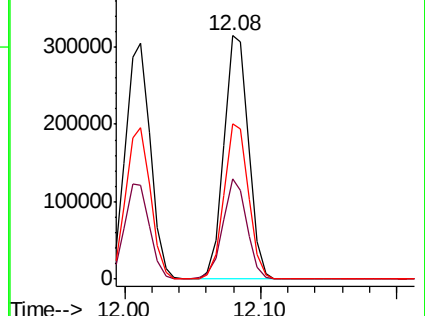
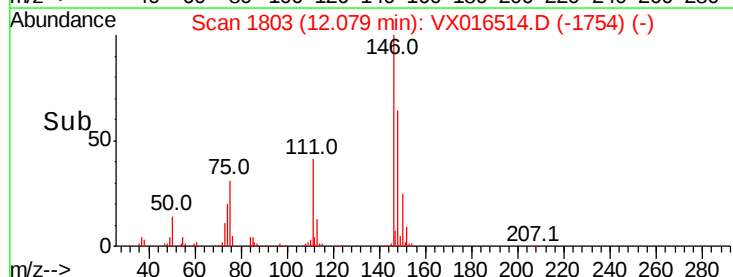
146 100

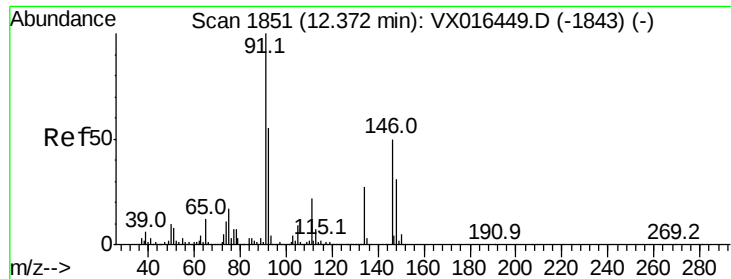
111 39.9 19.4 58.2

148 63.4 31.4 94.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 52.776 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

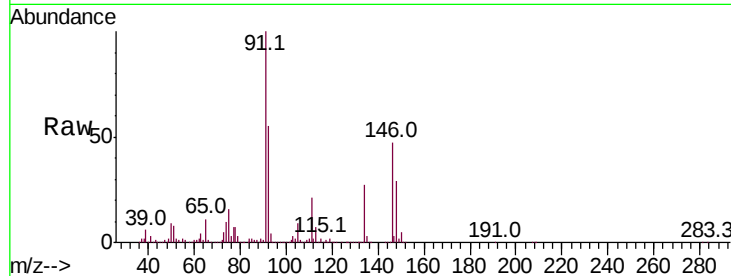
Tot Ion: 91 Resp: 652016

Ion Ratio Lower Upper

91 100

92 54.7 27.2 81.5

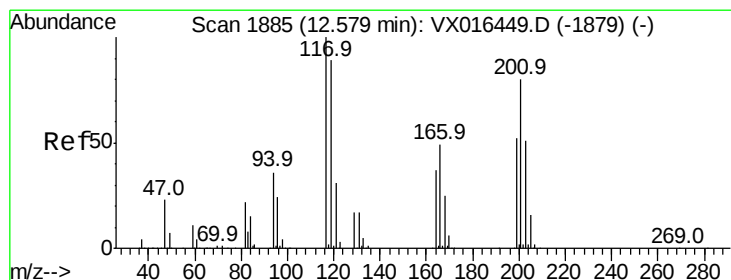
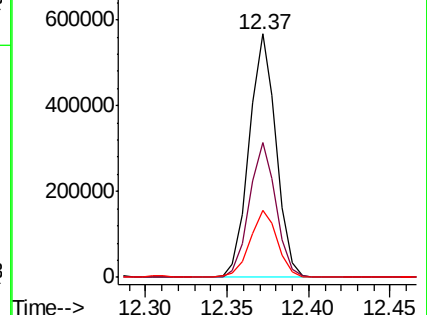
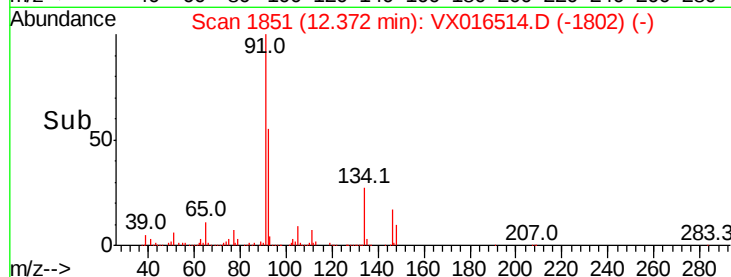
134 28.1 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 52.145 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016514.D

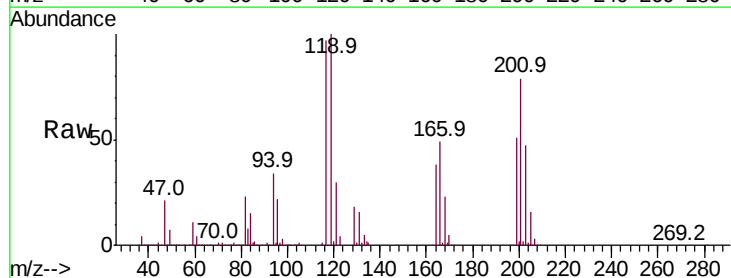
Acq: 29 May 2020 16:25

Tgt Ion: 117 Resp: 133594

Ion Ratio Lower Upper

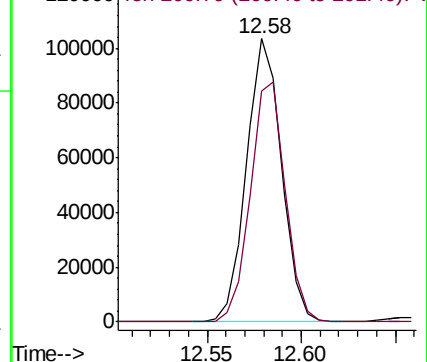
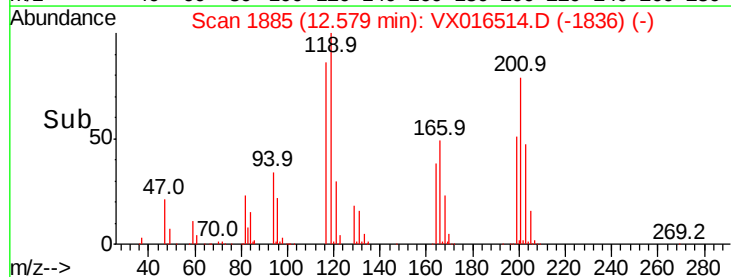
117 100

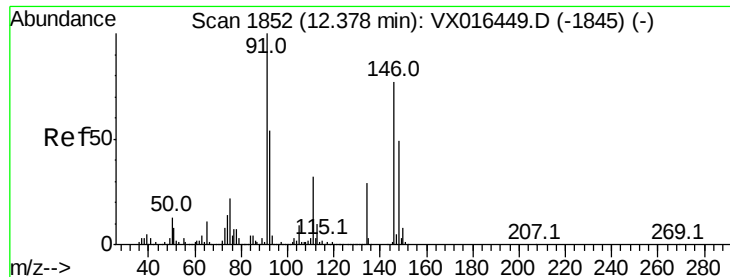
201 84.3 43.1 129.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 48.340 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

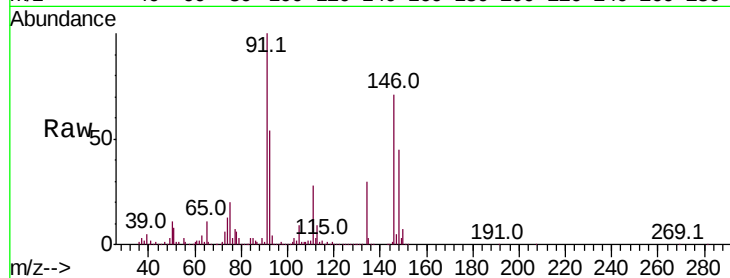
Tot Ion:146 Resp: 376498

Ion Ratio Lower Upper

146 100

111 41.6 21.4 64.3

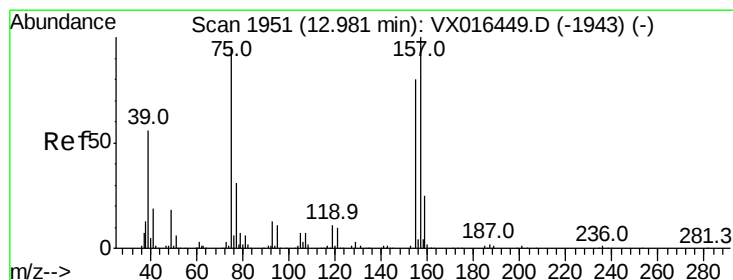
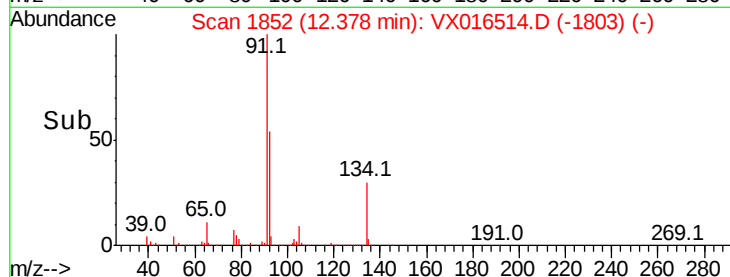
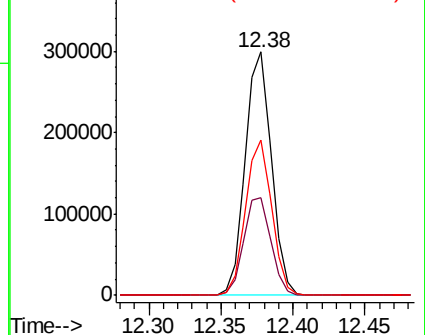
148 63.3 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.339 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

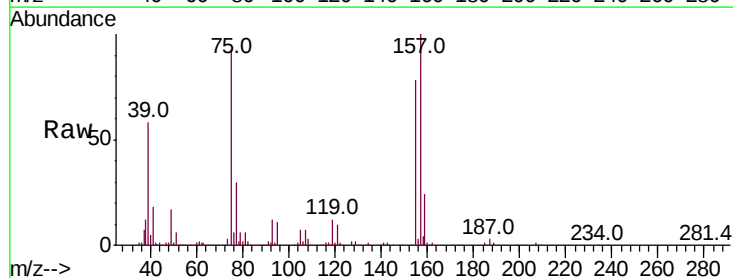
Tgt Ion: 75 Resp: 70859

Ion Ratio Lower Upper

75 100

155 89.8 44.1 132.4

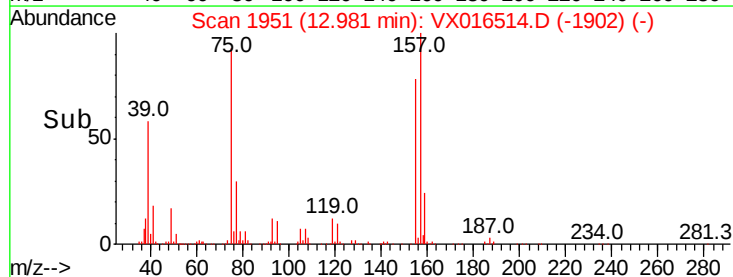
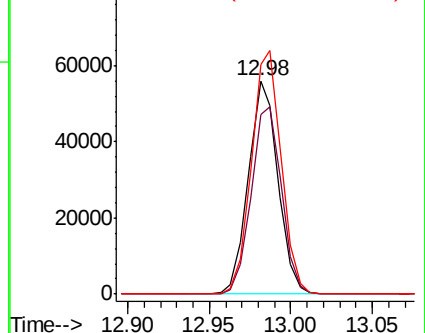
157 114.4 57.8 173.3

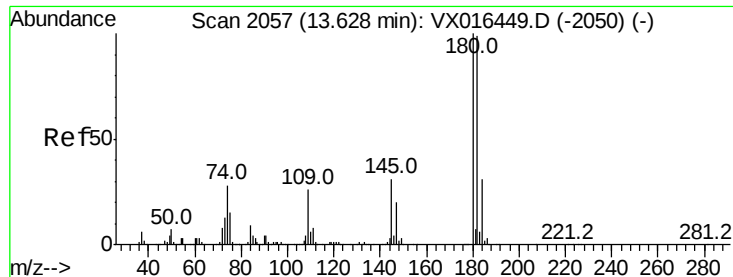


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

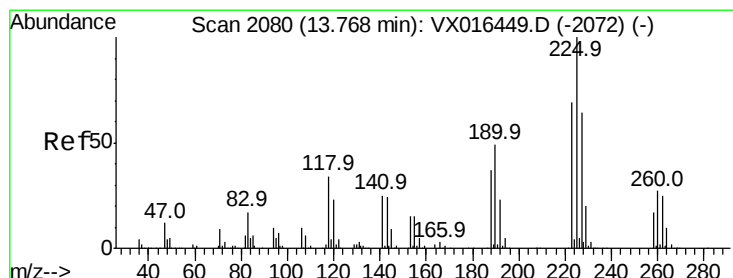
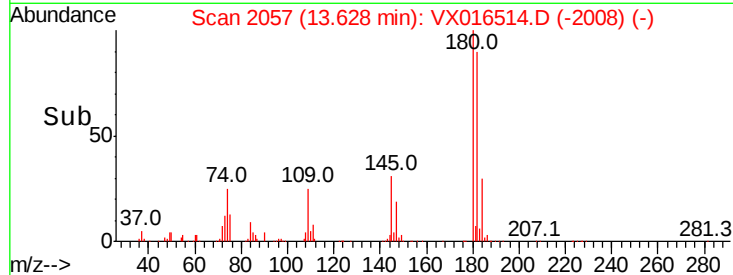
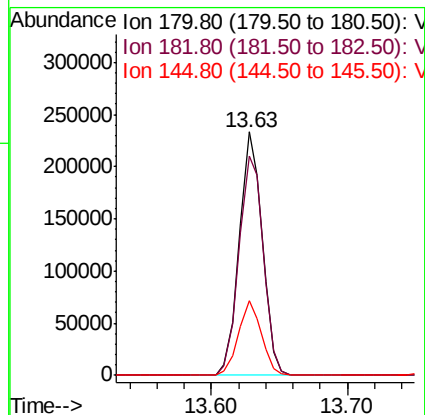
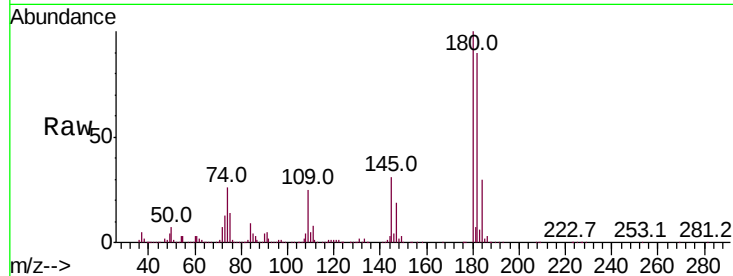




#93
 1,2,4-Trichlorobenzene
 Concen: 53.147 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016514.D
 Acq: 29 May 2020 16:25

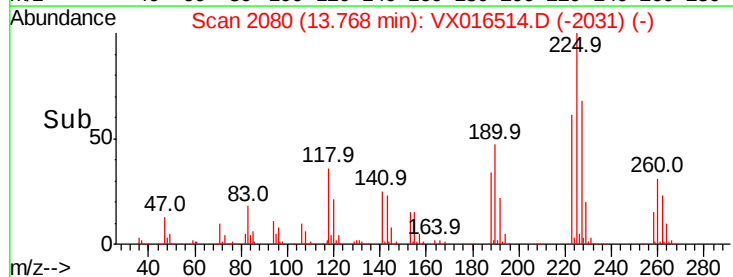
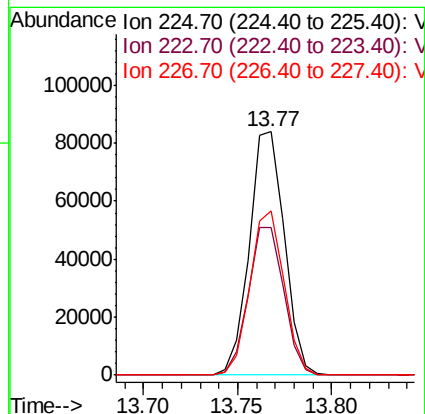
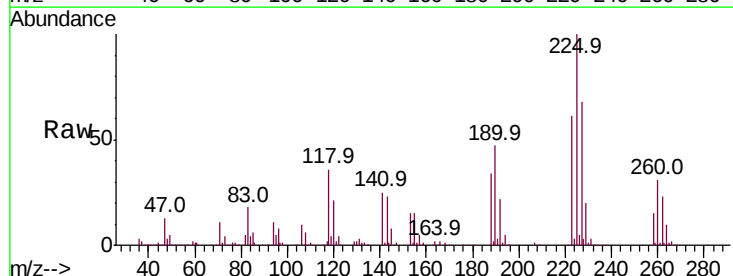
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

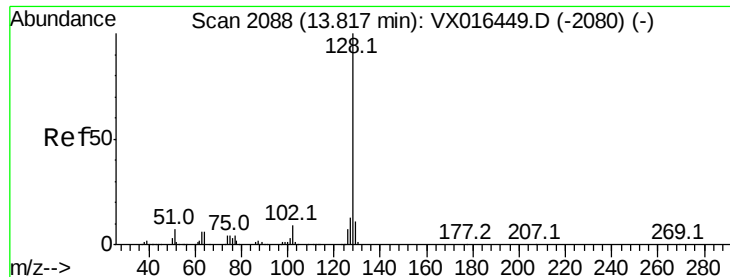
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.3	144.8
145	30.5	15.4	46.2



#94
 Hexachlorobutadiene
 Concen: 53.329 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016514.D
 Acq: 29 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	32.3	96.8
227	65.9	31.6	94.7





#95

Naphthalene

Concen: 56.881 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

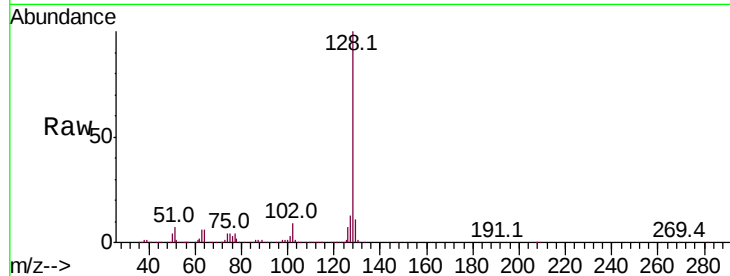
Tot Ion:128 Resp: 1008653

Ion Ratio Lower Upper

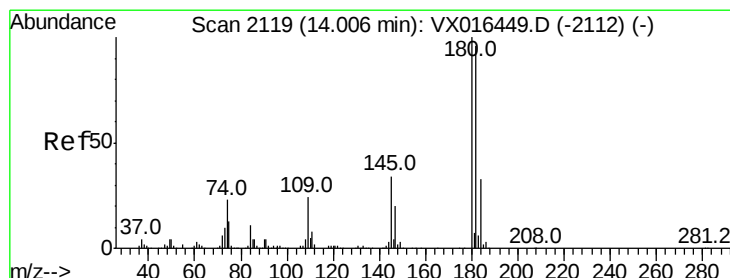
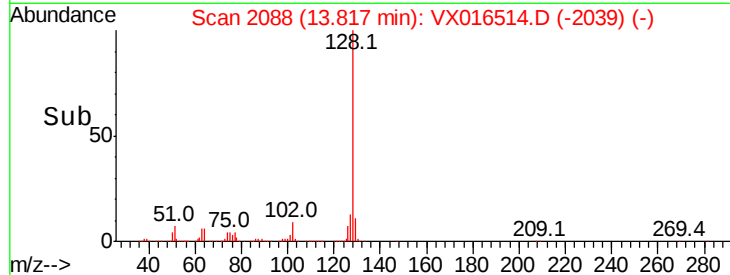
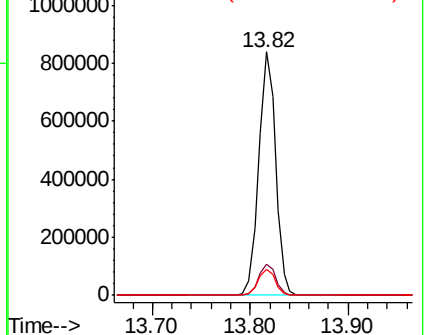
128 100

127 13.0 10.6 15.8

129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.553 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016514.D

Acq: 29 May 2020 16:25

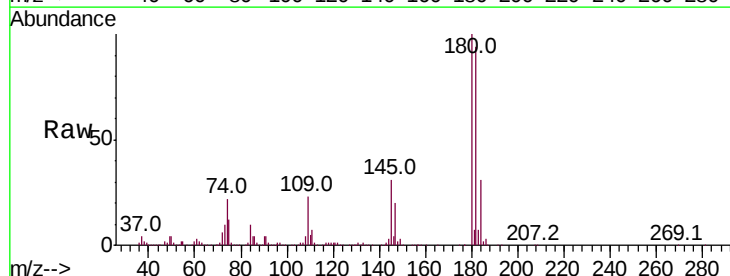
Tgt Ion:180 Resp: 261251

Ion Ratio Lower Upper

180 100

182 95.2 48.6 145.8

145 32.8 16.6 49.8



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

