

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110720\
 Data File : VX019355.D
 Acq On : 06 Nov 2020 20:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 07 01:10:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	240095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	416370	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	390501	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201630	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	166528	53.78	ug/l	0.00
Spiked Amount			Recovery	=	107.56%	
35) Dibromofluoromethane	5.47	113	131722	50.36	ug/l	0.00
Spiked Amount			Recovery	=	100.72%	
50) Toluene-d8	8.70	98	494561	50.16	ug/l	0.00
Spiked Amount			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	11.12	95	198233	53.09	ug/l	0.00
Spiked Amount			Recovery	=	106.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	102295	51.107	ug/l	98
3) Chloromethane	1.31	50	120462	53.870	ug/l	99
4) Vinyl Chloride	1.39	62	143211	55.223	ug/l	99
5) Bromomethane	1.62	94	97766	55.202	ug/l	98
6) Chloroethane	1.71	64	96183	58.089	ug/l	96
7) Trichlorofluoromethane	1.92	101	221192	54.291	ug/l	99
8) Diethyl Ether	2.17	74	90671	57.988	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	119187	52.779	ug/l	97
10) Methyl Iodide	2.49	142	115333	44.127	ug/l	98
11) Tert butyl alcohol	3.01	59	183199	299.557	ug/l	99
12) 1,1-Dichloroethene	2.36	96	123728	53.170	ug/l	97
13) Acrolein	2.27	56	70663	258.238	ug/l	99
14) Allyl chloride	2.71	41	202906	57.568	ug/l	98
15) Acrylonitrile	3.11	53	386825	301.002	ug/l	99
16) Acetone	2.42	43	338466	316.862	ug/l	100
17) Carbon Disulfide	2.55	76	317845	47.949	ug/l	100
18) Methyl Acetate	2.75	43	191024	73.541	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	467864	58.027	ug/l	100
20) Methylene Chloride	2.83	84	148976	55.553	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	140930	52.622	ug/l	94
22) Diisopropyl ether	3.82	45	427761	60.876	ug/l	99
23) Vinyl Acetate	3.78	43	1814967	289.644	ug/l	98
24) 1,1-Dichloroethane	3.67	63	256954	58.568	ug/l	99
25) 2-Butanone	4.63	43	520023	308.903	ug/l	98
26) 2,2-Dichloropropane	4.55	77	208005	50.432	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	164045	54.814	ug/l	97
28) Bromochloromethane	4.98	49	111492	55.900	ug/l	92
29) Tetrahydrofuran	5.09	42	329958	311.017	ug/l	98
30) Chloroform	5.18	83	270562	57.938	ug/l	99
31) Cyclohexane	5.55	56	215179	54.977	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	240305	56.758	ug/l	99
36) 1,1-Dichloropropene	5.77	75	197791	51.443	ug/l	99
37) Ethyl Acetate	4.79	43	199843	55.981	ug/l	98
38) Carbon Tetrachloride	5.75	117	202979	51.793	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	226477	49.263	ug/l	97
40) Benzene	6.11	78	591139	54.226	ug/l	99
41) Methacrylonitrile	5.00	41	110998	57.737	ug/l	97
42) 1,2-Dichloroethane	6.16	62	221287	55.078	ug/l	100
43) Isopropyl Acetate	6.41	43	330381	55.271	ug/l	99
44) Trichloroethene	7.19	130	155245	49.725	ug/l	95
45) 1,2-Dichloropropane	7.49	63	150440	56.342	ug/l	98
46) Dibromomethane	7.63	93	103639	52.489	ug/l	98
47) Bromodichloromethane	7.88	83	216549	55.642	ug/l	99
48) Methyl methacrylate	7.74	41	165967	57.687	ug/l	98
49) 1,4-Dioxane	7.71	88	74722	1167.869	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1030300	299.894	ug/l	99
52) Toluene	8.76	92	380040	54.128	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	238216	53.590	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	251991	53.910	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	153098	55.187	ug/l	99
56) Ethyl methacrylate	9.16	69	240306	57.349	ug/l	98
57) 1,3-Dichloropropane	9.35	76	260185	55.628	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	633016	270.123	ug/l	96
59) 2-Hexanone	9.47	43	786991	300.933	ug/l	99
60) Dibromochloromethane	9.57	129	164731	54.716	ug/l	100
61) 1,2-Dibromoethane	9.65	107	162049	54.625	ug/l	98
64) Tetrachloroethene	9.32	164	139352	46.838	ug/l	96
65) Chlorobenzene	10.12	112	403712	50.581	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.20	131	148443	51.662	ug/l	99
67) Ethyl Benzene	10.24	91	736954	51.817	ug/l	98
68) m/p-Xylenes	10.34	106	553617	103.715	ug/l	98
69) o-Xylene	10.68	106	263963	52.136	ug/l	99
70) Styrene	10.70	104	458314	53.054	ug/l	99
71) Bromoform	10.84	173	119560	52.481	ug/l #	99
73) Isopropylbenzene	11.00	105	720305	50.468	ug/l	99
74) N-amyl acetate	10.88	43	290525	55.673	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	245906	55.130	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	286629	68.848	ug/l	86
77) Bromobenzene	11.24	156	170346	48.090	ug/l	90
78) n-propylbenzene	11.34	91	834385	51.213	ug/l	99
79) 2-Chlorotoluene	11.40	91	495067	51.613	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	613438	50.877	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	77756	49.176	ug/l	96
82) 4-Chlorotoluene	11.49	91	594117	50.722	ug/l	98
83) tert-Butylbenzene	11.76	119	593805	51.435	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	623079	51.188	ug/l	99
85) sec-Butylbenzene	11.93	105	703847	50.832	ug/l	99
86) p-Isopropyltoluene	12.05	119	643331	50.338	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	326751	49.533	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	329147	47.934	ug/l	98
89) n-Butylbenzene	12.37	91	592805	49.347	ug/l	99
90) Hexachloroethane	12.58	117	112488	51.783	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	319592	50.455	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55729	51.037	ug/l	97

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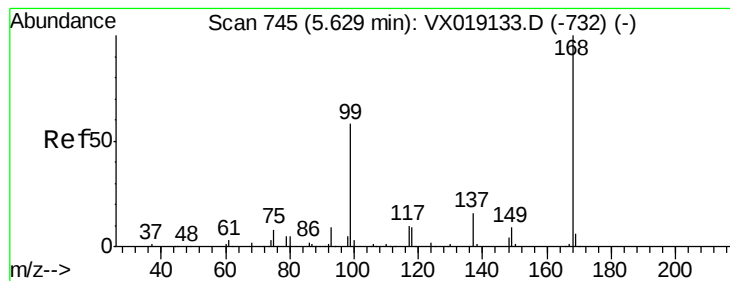
Instrument :
MSVOA_X
ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	212223	44.605	ug/l	98
94) Hexachlorobutadiene	13.76	225	82240	39.266	ug/l	98
95) Naphthalene	13.82	128	719031	47.983	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	203172	44.018	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

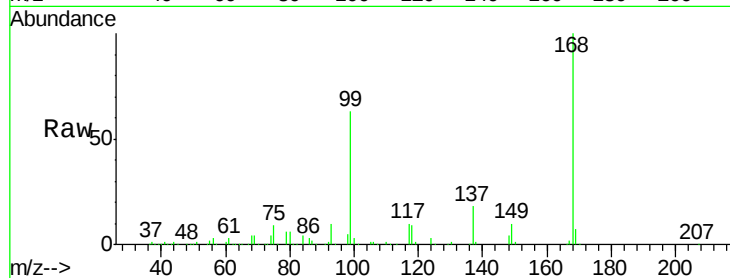
VSTDCCC050EC

Tot Ion:168 Resp: 240095

Ion Ratio Lower Upper

168 100

99 63.4 46.6 69.8

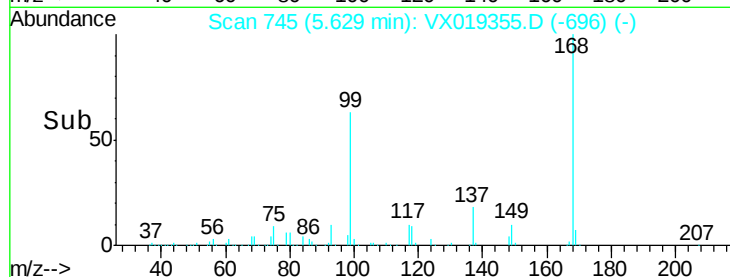


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

Time-->



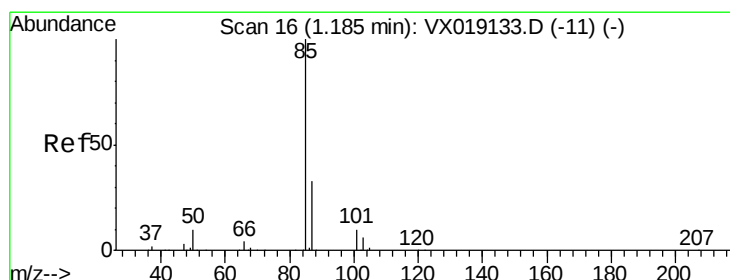
Abundance

Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

Time-->



#2

Dichlorodifluoromethane

Concen: 51.107 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019355.D

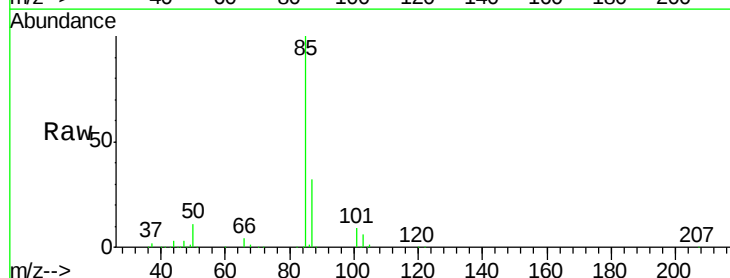
Acq: 06 Nov 2020 20:13

Tgt Ion: 85 Resp: 102295

Ion Ratio Lower Upper

85 100

87 32.1 16.6 49.7

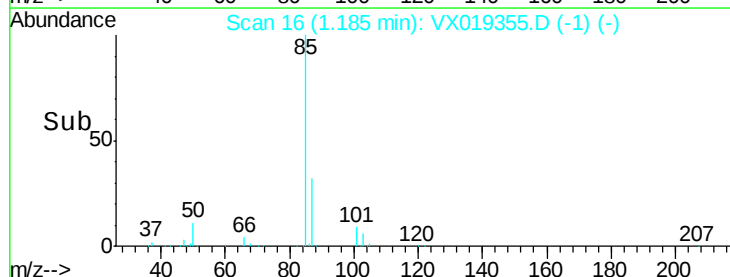


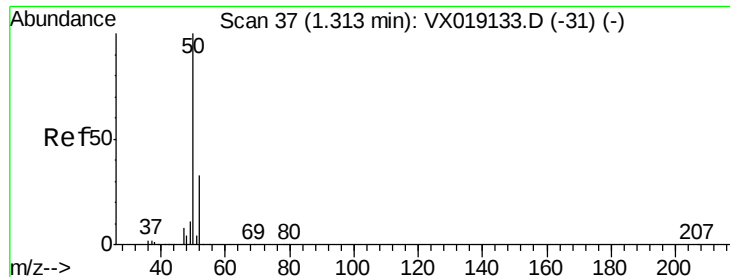
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

Time-->





#3

Chloromethane

Concen: 53.870 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

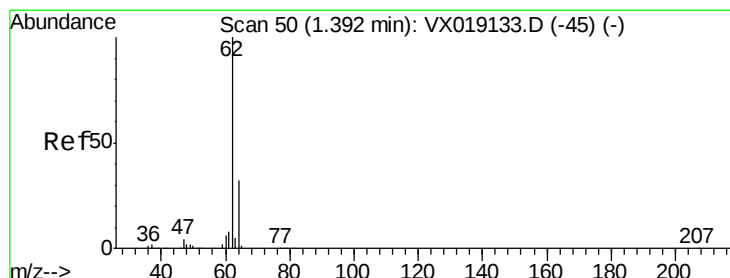
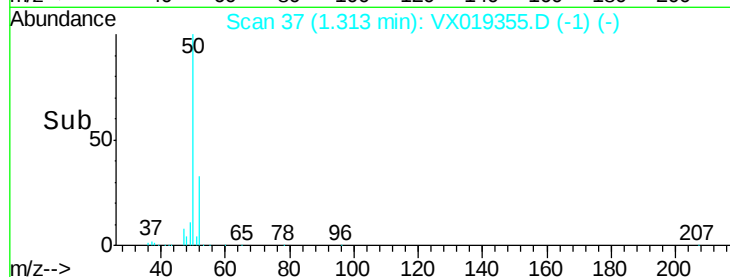
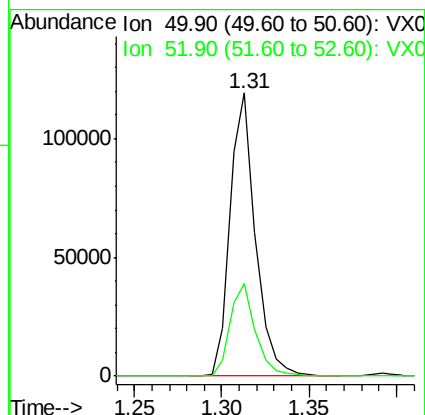
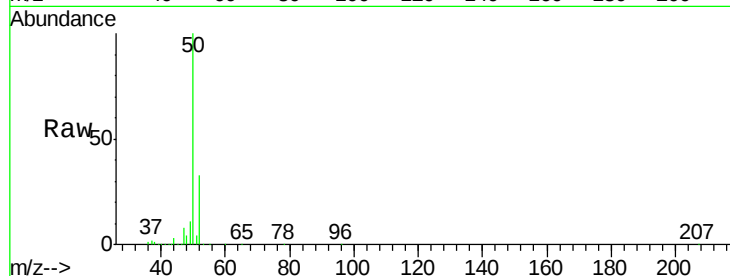
VSTDCCC050EC

Tot Ion: 50 Resp: 120462

Ion Ratio Lower Upper

50 100

52 32.9 26.8 40.2



#4

Vinyl Chloride

Concen: 55.223 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019355.D

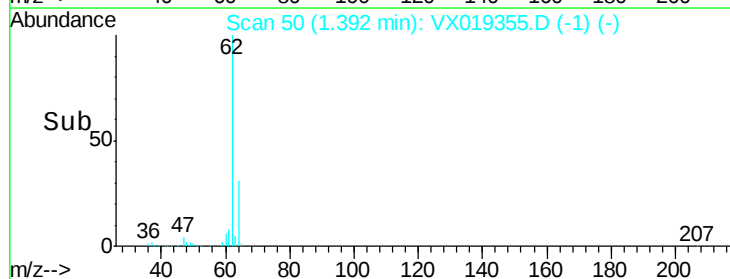
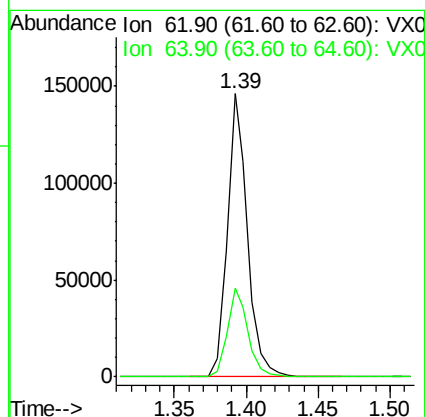
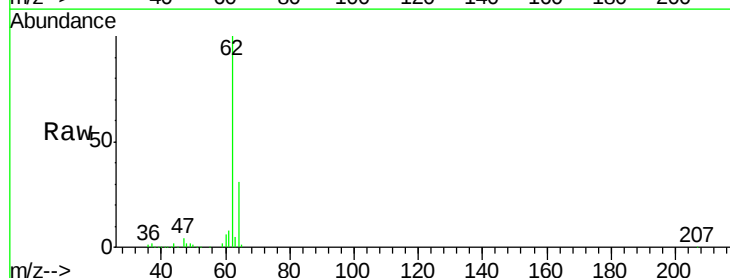
Acq: 06 Nov 2020 20:13

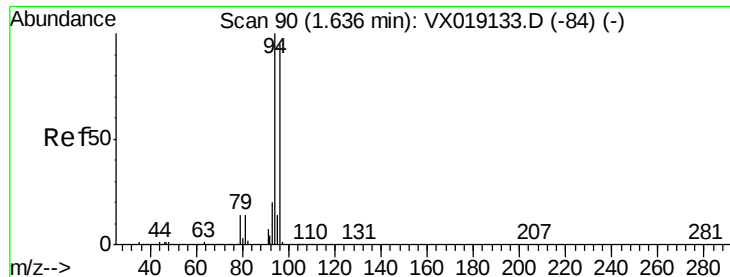
Tgt Ion: 62 Resp: 143211

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.0





#5

Bromomethane

Concen: 55.202 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

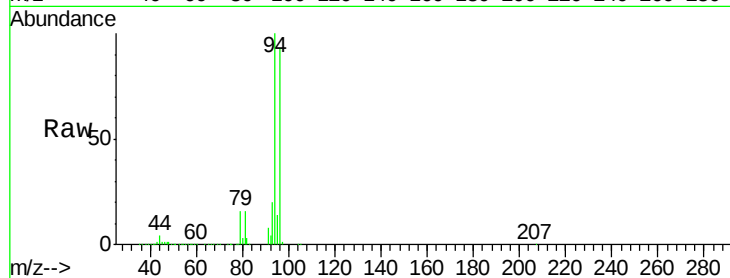
VSTDCCC050EC

Tot Ion: 94 Resp: 97766

Ion Ratio Lower Upper

94 100

96 93.0 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

100000

80000

60000

40000

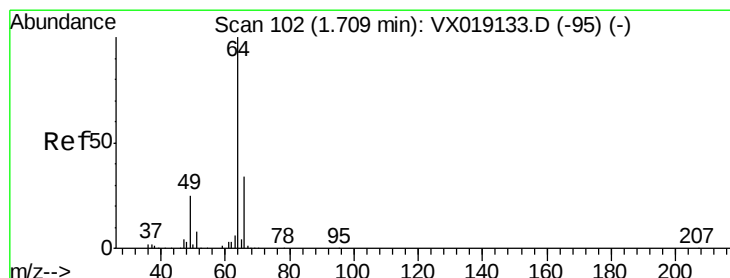
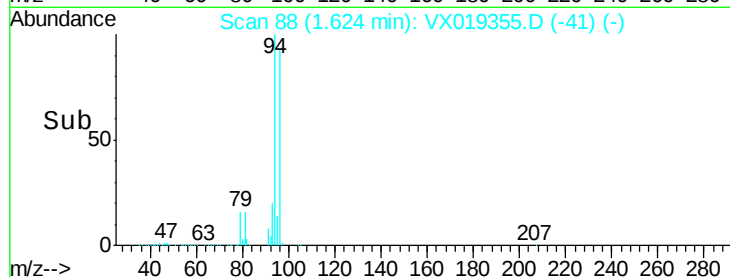
20000

0

1.62

1.50 1.60 1.70 1.80

Time-->



#6

Chloroethane

Concen: 58.089 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX019355.D

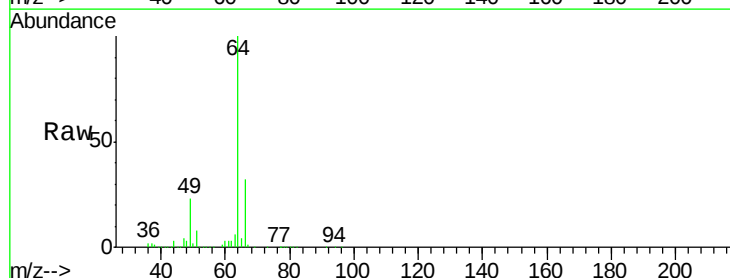
Acq: 06 Nov 2020 20:13

Tgt Ion: 64 Resp: 96183

Ion Ratio Lower Upper

64 100

66 31.8 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

80000

60000

40000

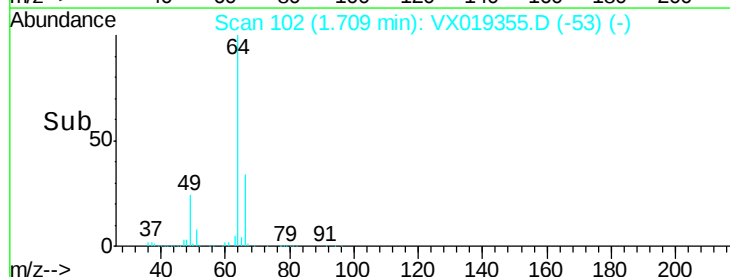
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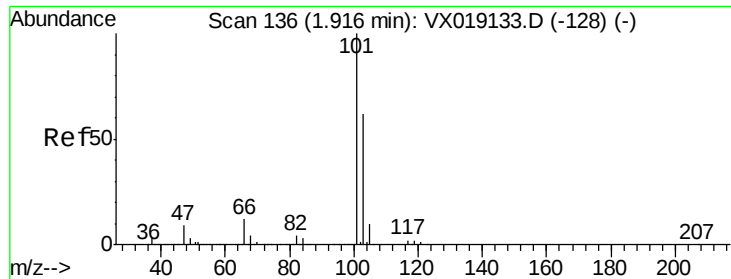
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1.71

1.65 1.70 1.75 1.80

Time-->



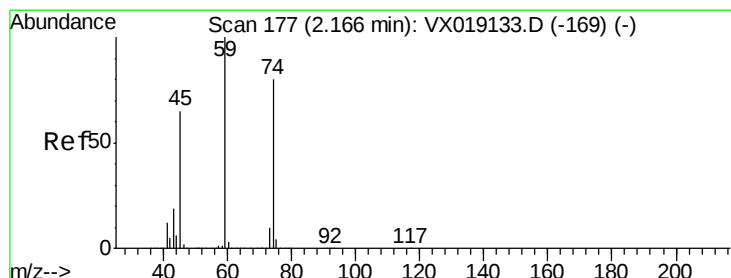
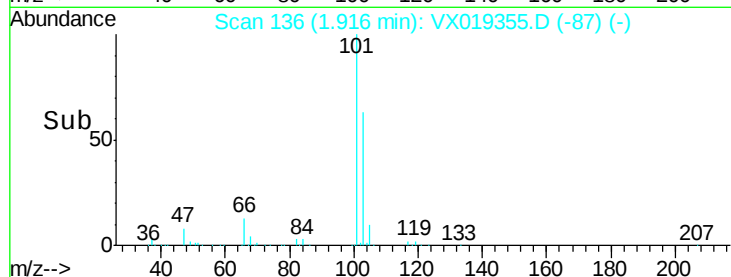
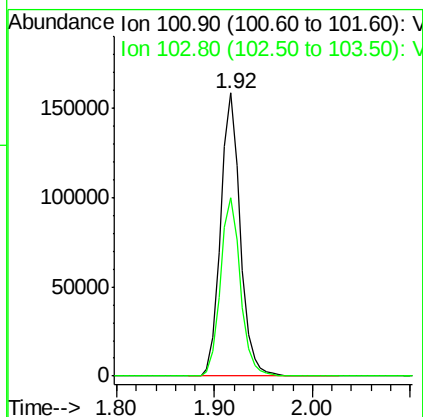
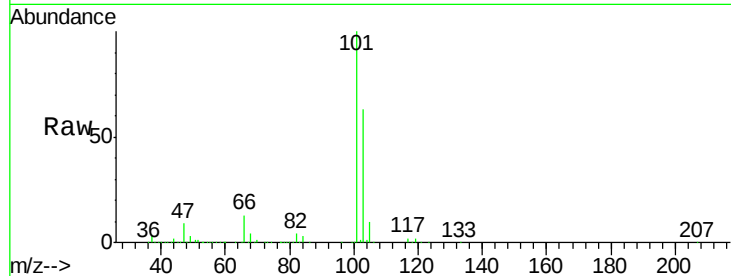


#7

Trichlorofluoromethane
 Concen: 54.291 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX019355.D
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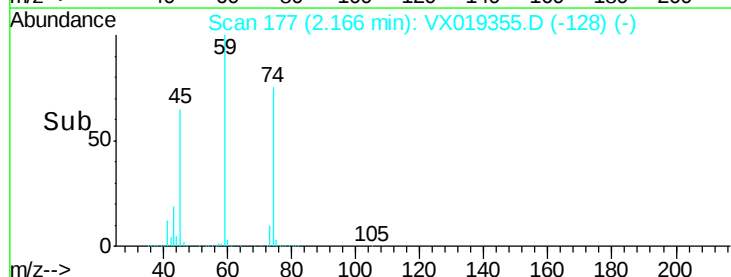
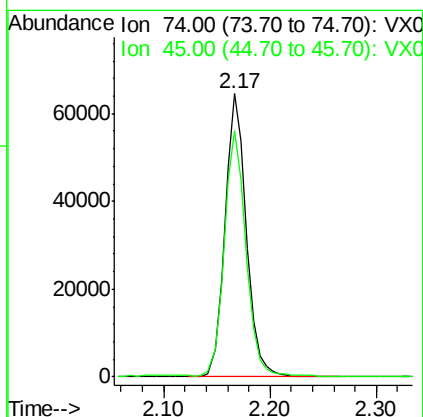
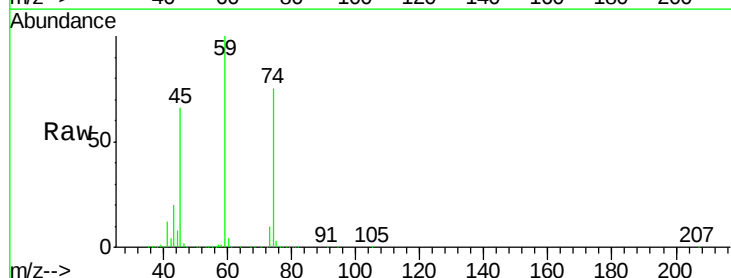
Tot Ion:101 Resp: 221192
 Ion Ratio Lower Upper
 101 100
 103 63.2 50.0 75.0

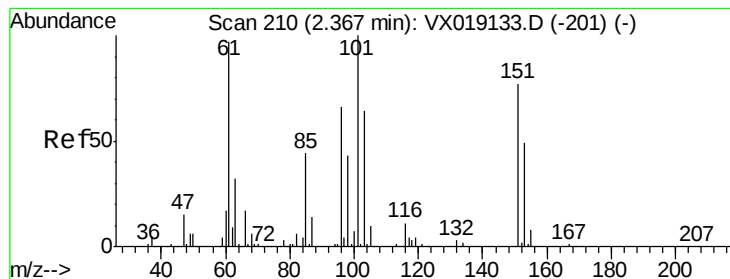


#8

Diethyl Ether
 Concen: 57.988 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019355.D
 Acq: 06 Nov 2020 20:13

Tgt Ion: 74 Resp: 90671
 Ion Ratio Lower Upper
 74 100
 45 87.7 41.0 123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.779 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

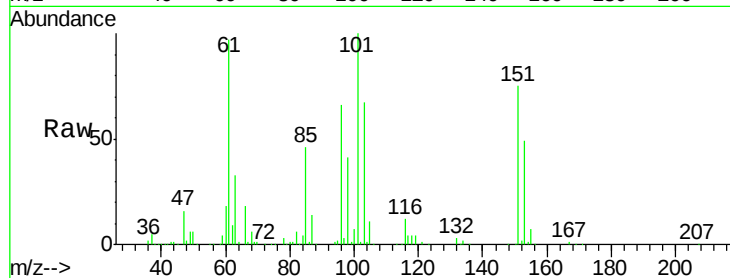
Tot Ion:101 Resp: 119187

Ion Ratio Lower Upper

101 100

85 45.6 35.0 52.4

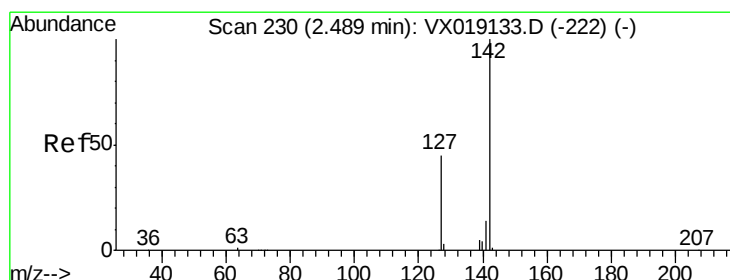
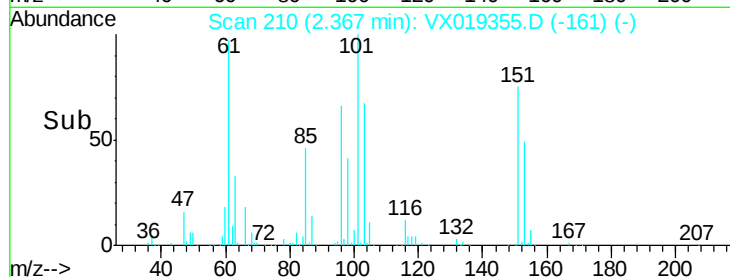
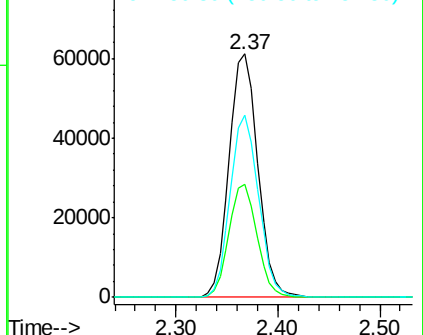
151 74.2 61.4 92.2



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: 44.127 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

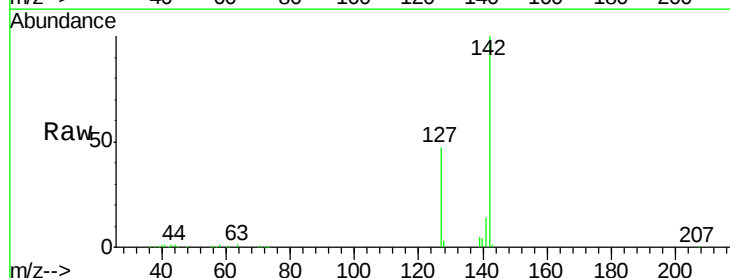
Tgt Ion:142 Resp: 115333

Ion Ratio Lower Upper

142 100

127 46.3 36.1 54.1

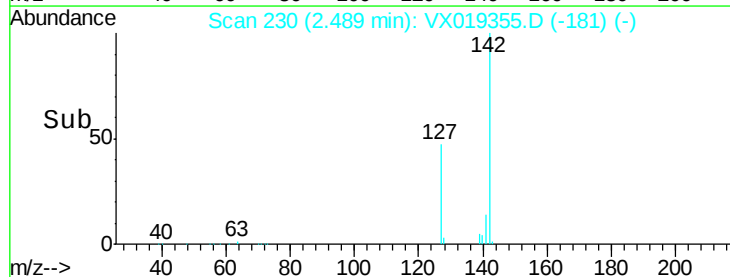
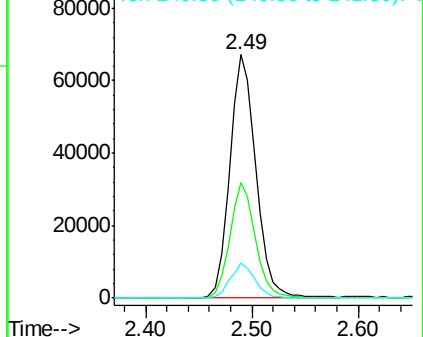
141 13.8 11.3 16.9

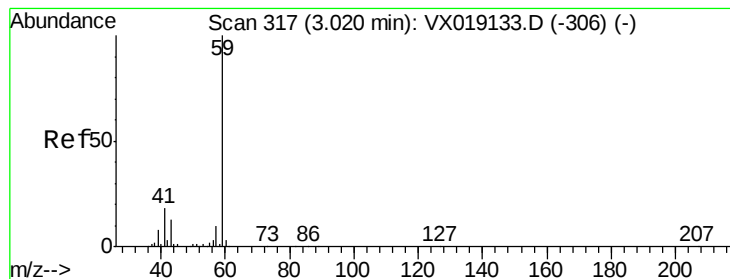


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



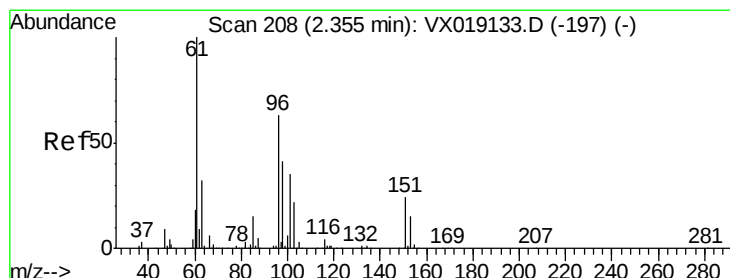
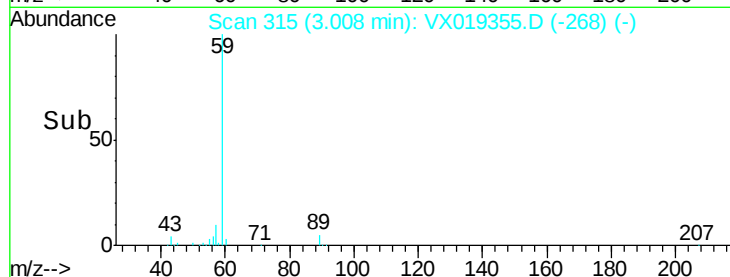
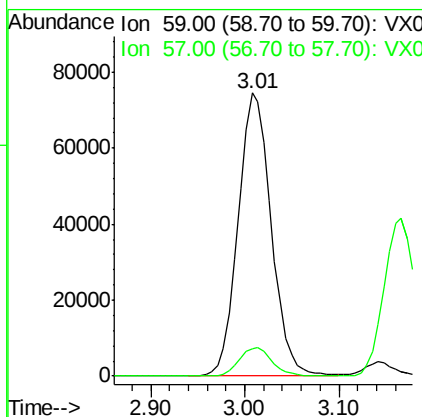
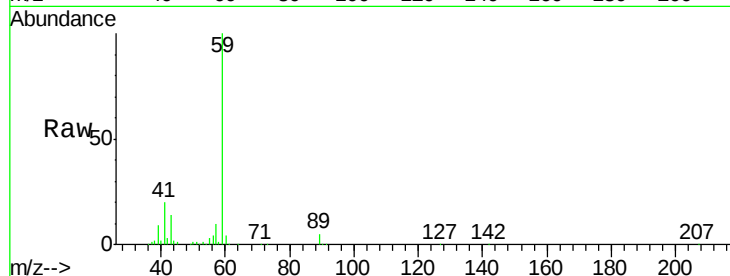


#11

Tert butyl alcohol
 Concen: 299.557 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX019355.D
 Acq: 06 Nov 2020 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

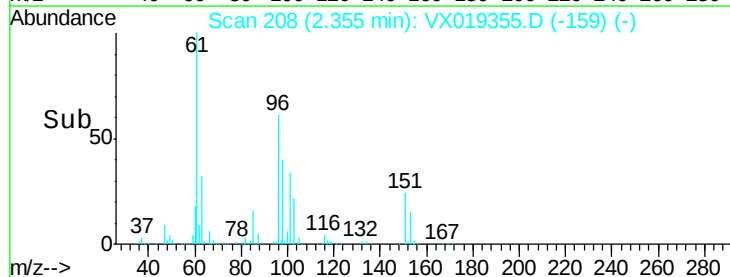
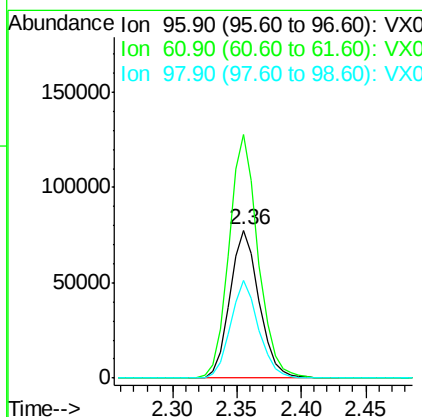
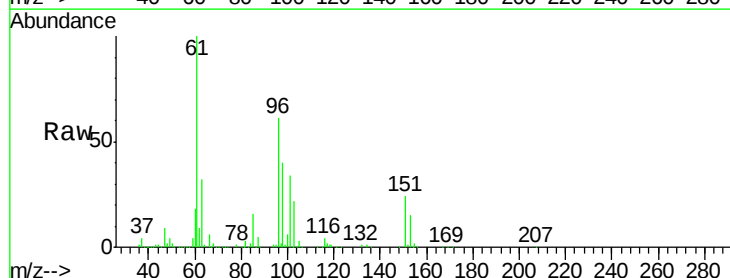
Tot Ion: 59 Resp: 183199
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.4 12.6

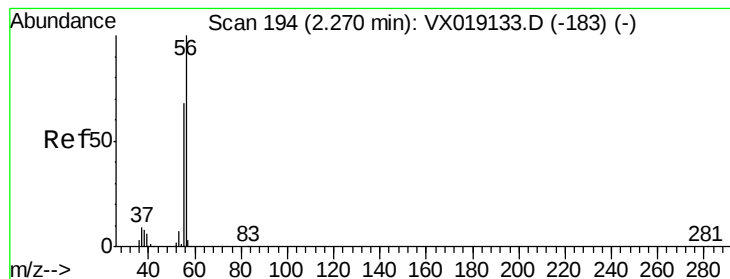


#12

1,1-Dichloroethene
 Concen: 53.170 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX019355.D
 Acq: 06 Nov 2020 20:13

Tgt Ion: 96 Resp: 123728
 Ion Ratio Lower Upper
 96 100
 61 164.8 127.7 191.5
 98 65.8 52.1 78.1





#13

Acrolein

Concen: 258.238 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

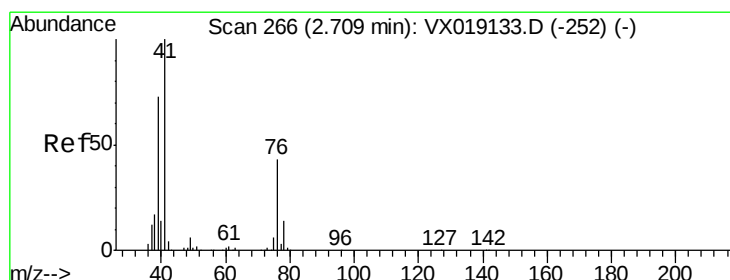
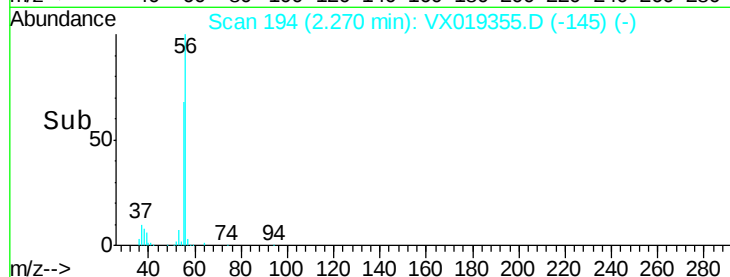
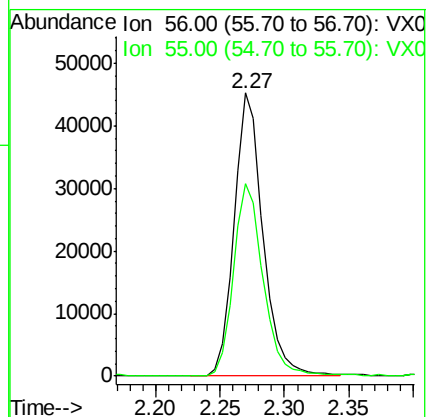
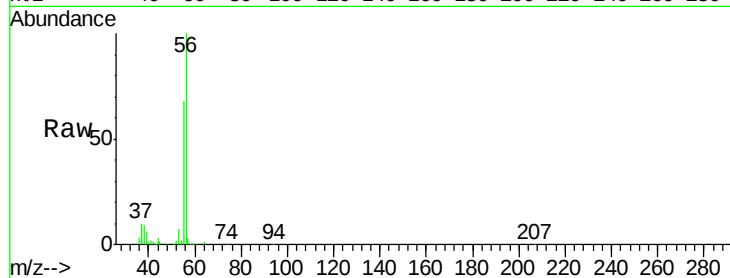
VSTDCCC050EC

Tot Ion: 56 Resp: 70663

Ion Ratio Lower Upper

56 100

55 69.2 54.7 82.1



#14

Allyl chloride

Concen: 57.568 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

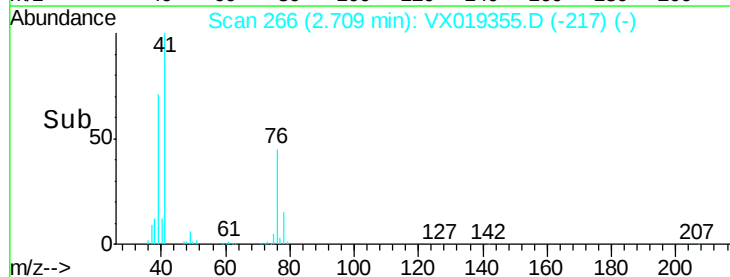
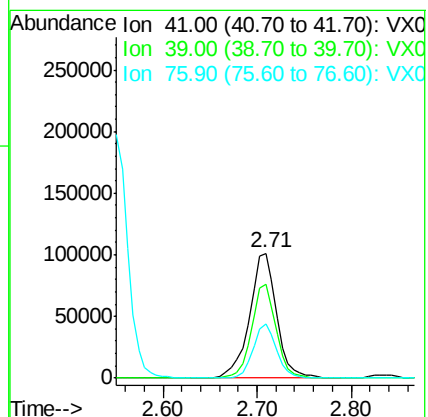
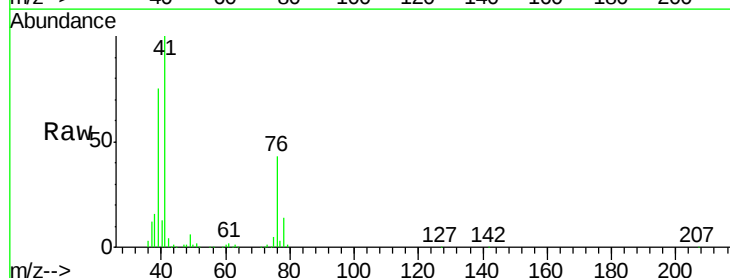
Tgt Ion: 41 Resp: 202906

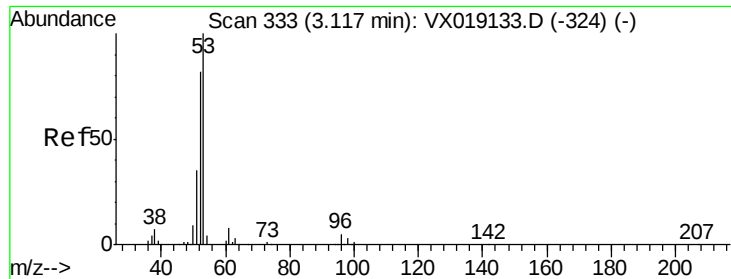
Ion Ratio Lower Upper

41 100

39 67.9 55.2 82.8

76 37.2 31.5 47.3





#15

Acrylonitrile

Concen: 301.002 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

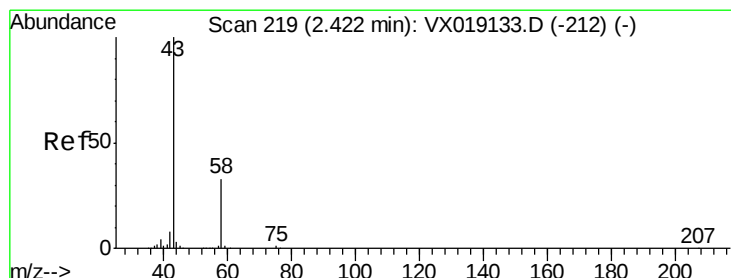
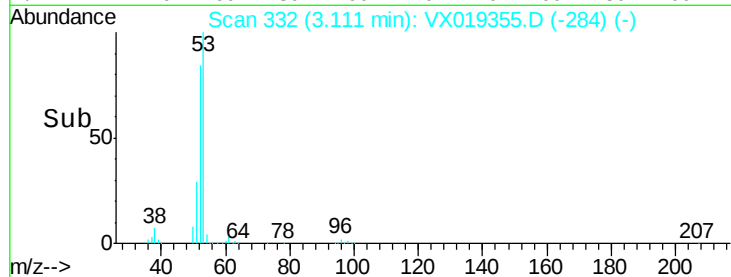
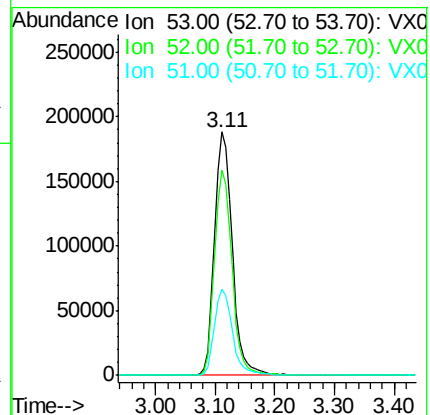
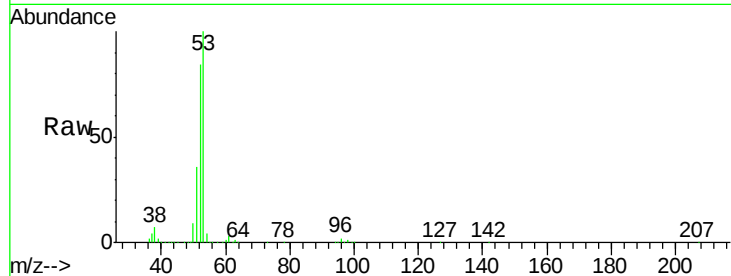
Tot Ion: 53 Resp: 386825

Ion Ratio Lower Upper

53 100

52 82.5 65.7 98.5

51 36.1 28.4 42.6



#16

Acetone

Concen: 316.862 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019355.D

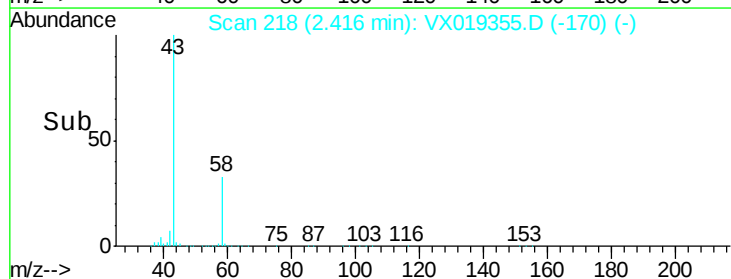
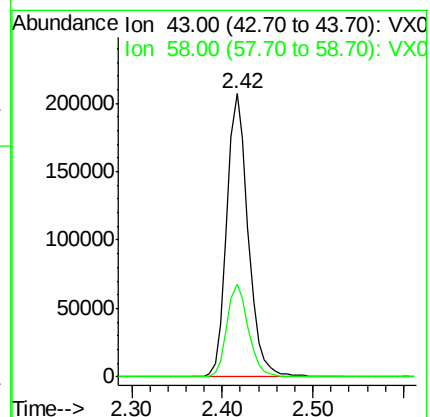
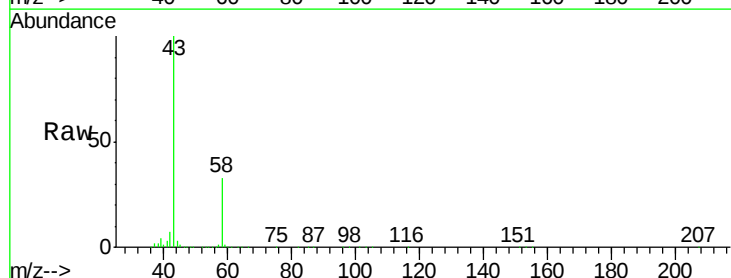
Acq: 06 Nov 2020 20:13

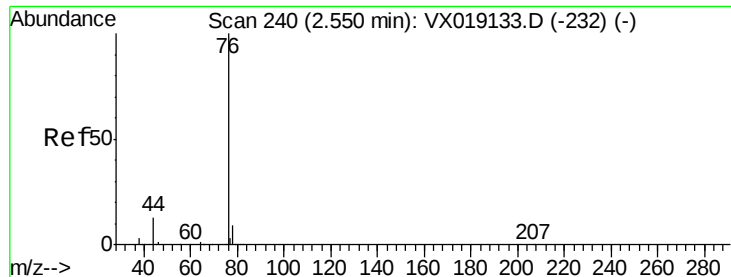
Tgt Ion: 43 Resp: 338466

Ion Ratio Lower Upper

43 100

58 32.9 26.3 39.5





#17

Carbon Disulfide

Concen: 47.949 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

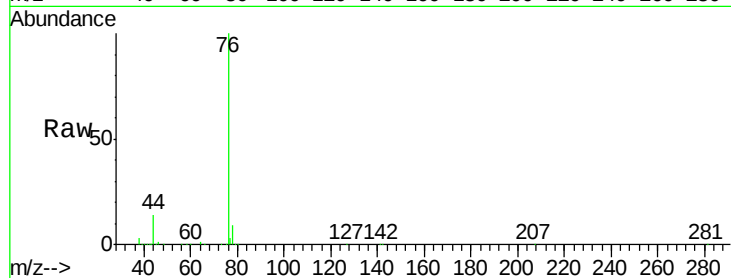
VSTDCCC050EC

Tot Ion: 76 Resp: 317845

Ion Ratio Lower Upper

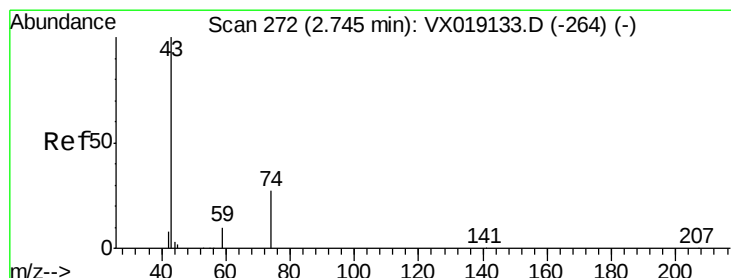
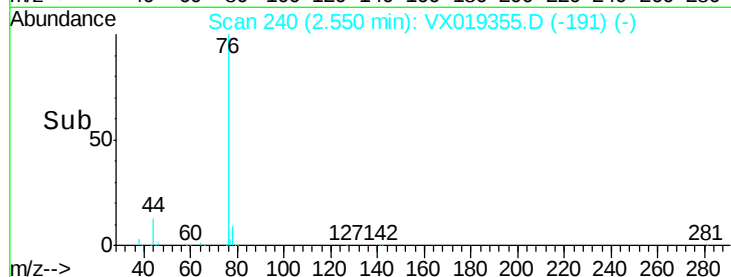
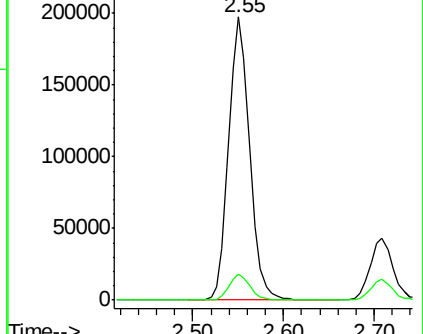
76 100

78 9.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 73.541 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX019355.D

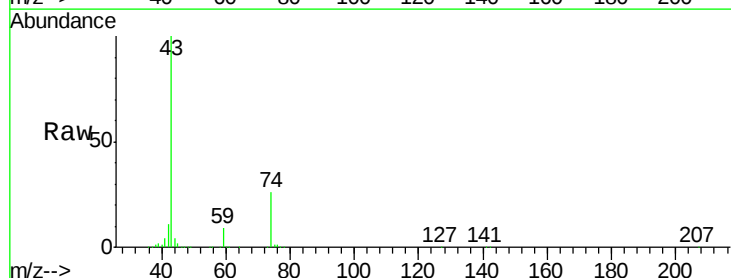
Acq: 06 Nov 2020 20:13

Tgt Ion: 43 Resp: 191024

Ion Ratio Lower Upper

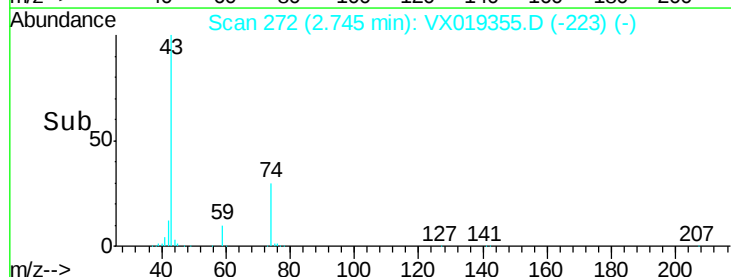
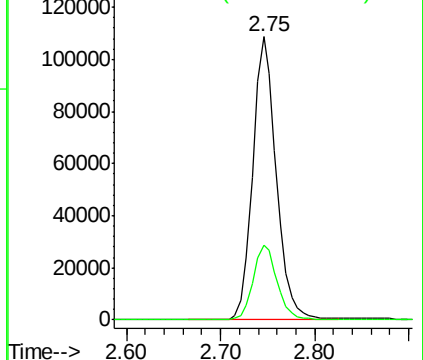
43 100

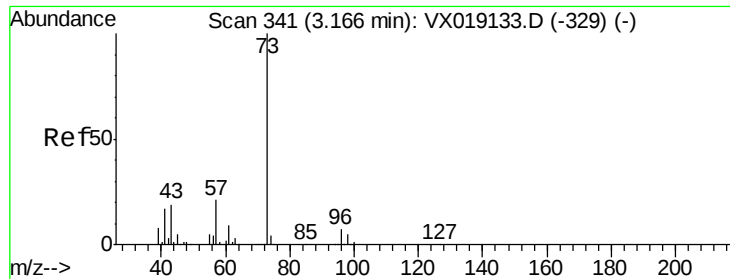
74 27.1 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

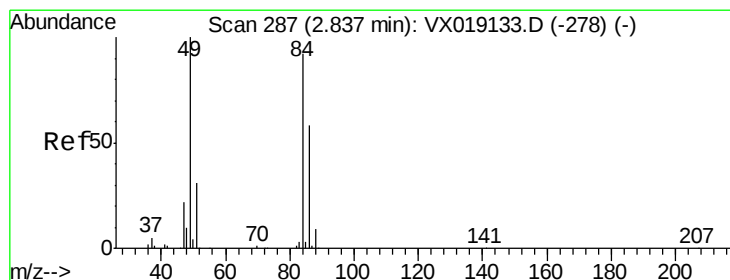
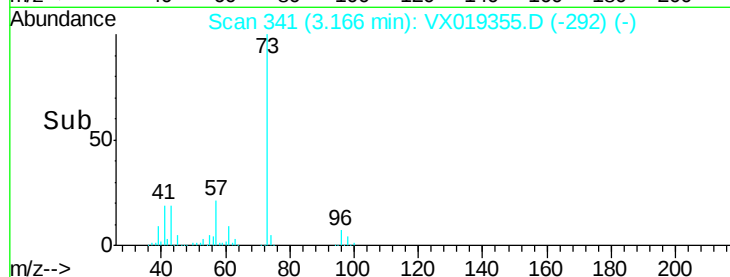
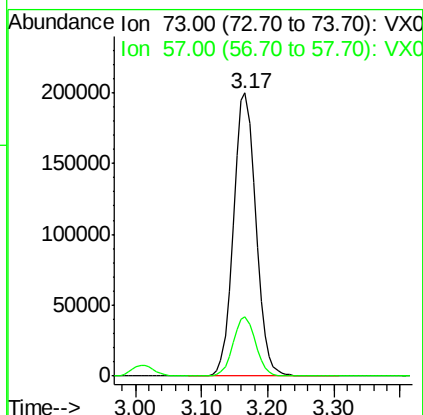
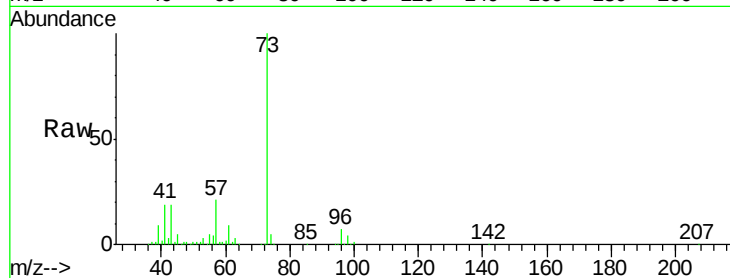




#19
Methvl tert-butvl Ether
Concen: 58.027 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019355.D
Acq: 06 Nov 2020 20:13

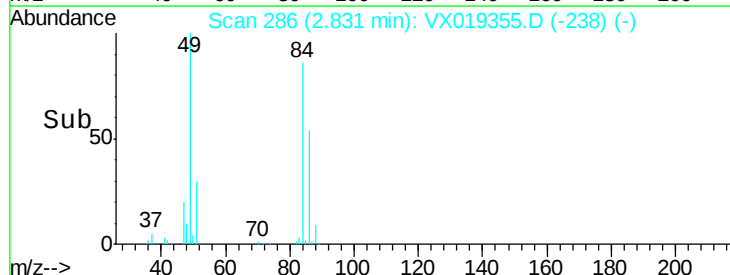
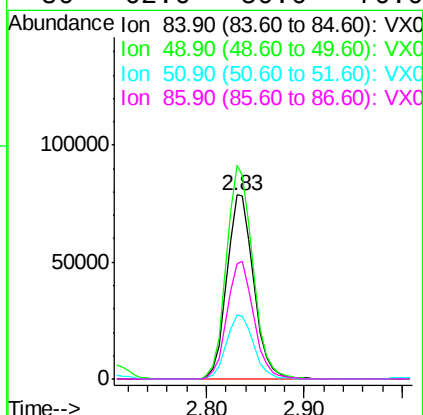
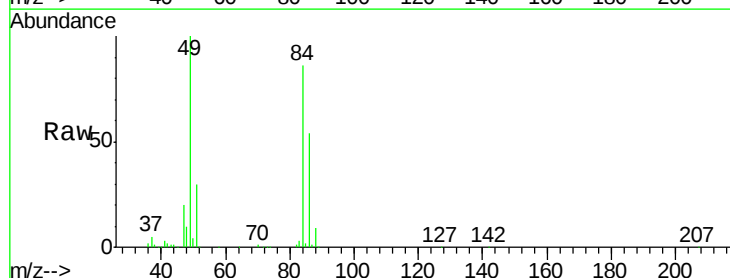
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

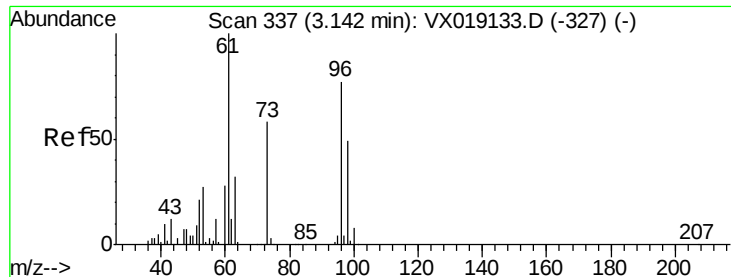
Tot Ion: 73 Resp: 467864
Ion Ratio Lower Upper
73 100
57 20.8 16.6 25.0



#20
Methylene Chloride
Concen: 55.553 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019355.D
Acq: 06 Nov 2020 20:13

Tgt Ion: 84 Resp: 148976
Ion Ratio Lower Upper
84 100
49 115.9 86.8 130.2
51 34.9 27.3 40.9
86 62.6 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 52.622 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

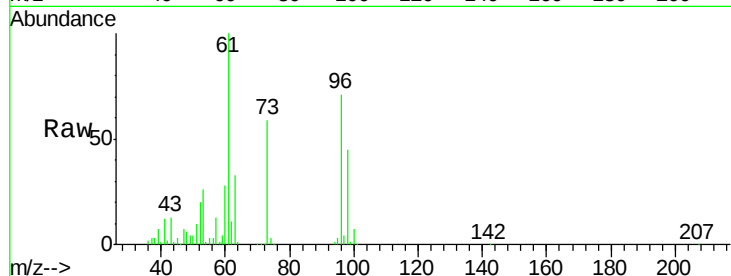
Tot Ion: 96 Resp: 140930

Ion Ratio Lower Upper

96 100

61 139.9 104.2 156.4

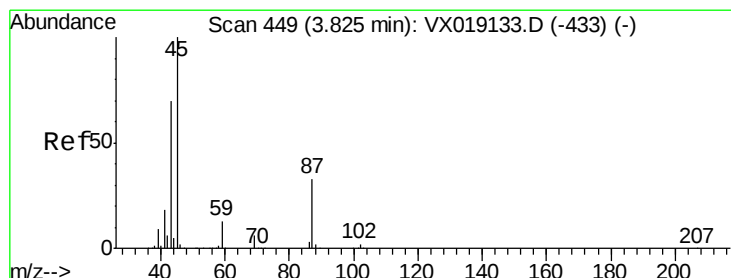
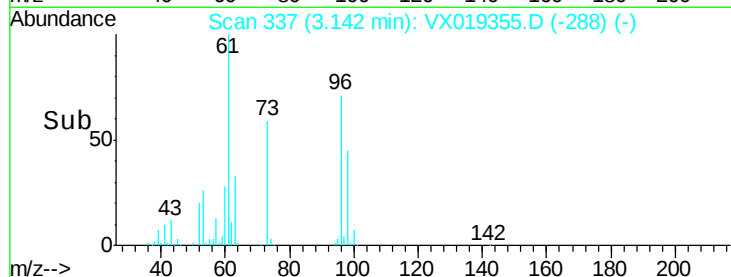
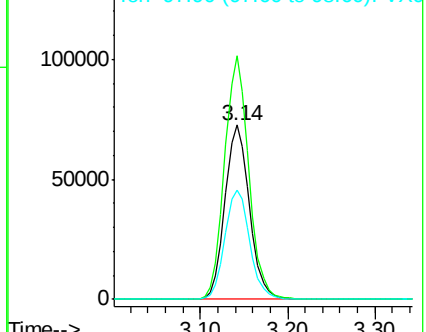
98 62.6 51.3 76.9



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: 60.876 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Tgt Ion: 45 Resp: 427761

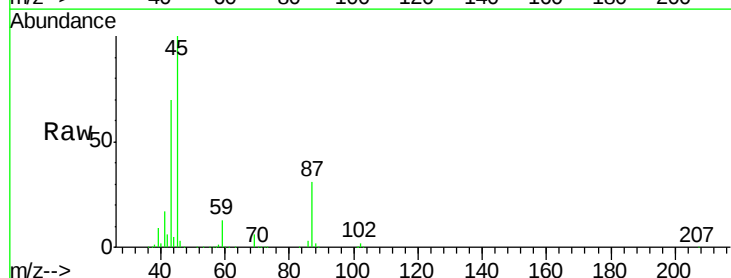
Ion Ratio Lower Upper

45 100

43 70.2 56.2 84.4

87 31.3 26.2 39.2

59 12.8 10.1 15.1

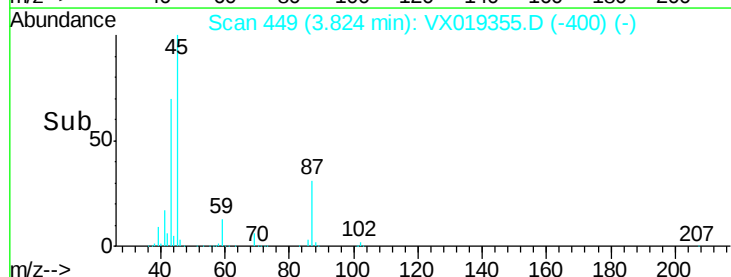
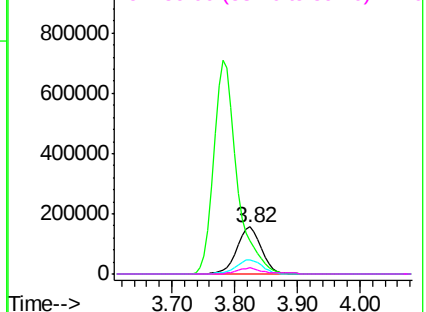


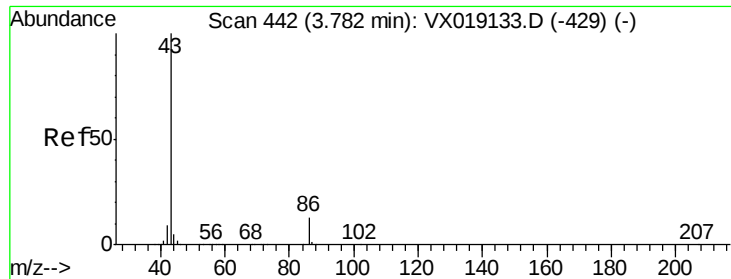
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 289.644 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

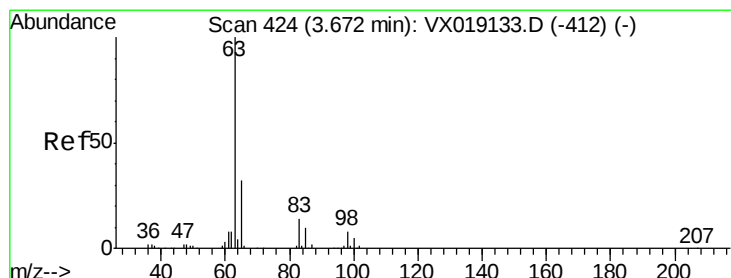
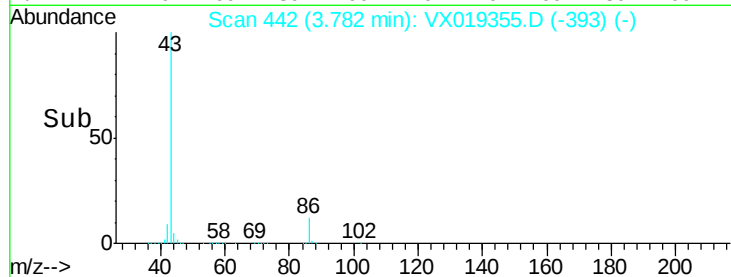
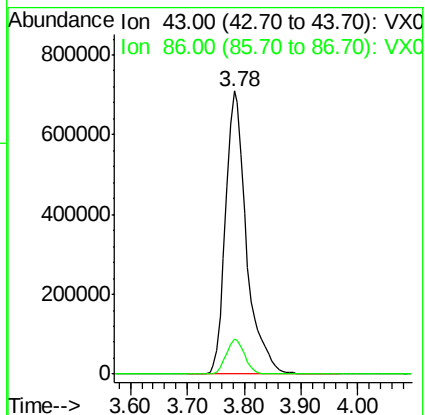
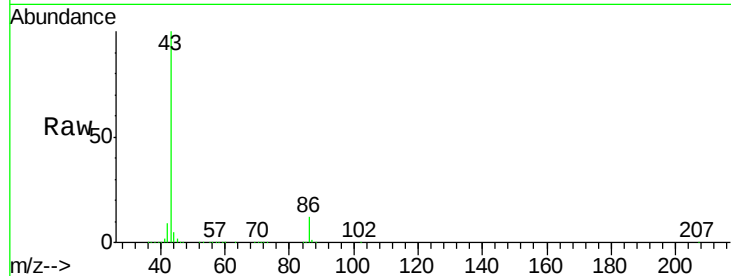
VSTDCCC050EC

Tot Ion: 43 Resp: 1814967

Ion Ratio Lower Upper

43 100

86 12.4 10.4 15.6



#24

1,1-Dichloroethane

Concen: 58.568 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

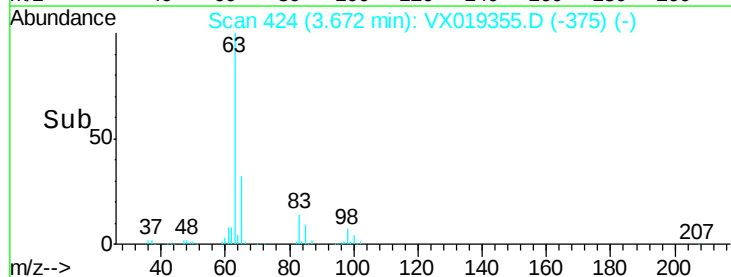
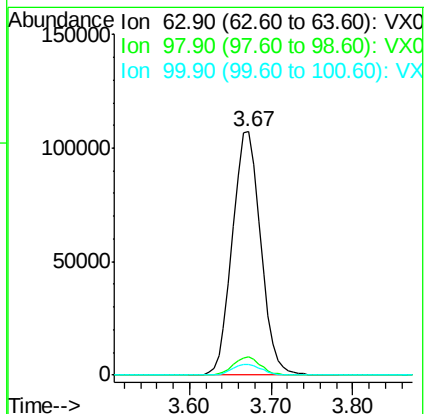
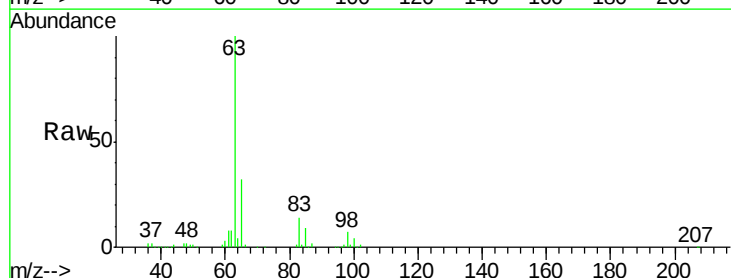
Tgt Ion: 63 Resp: 256954

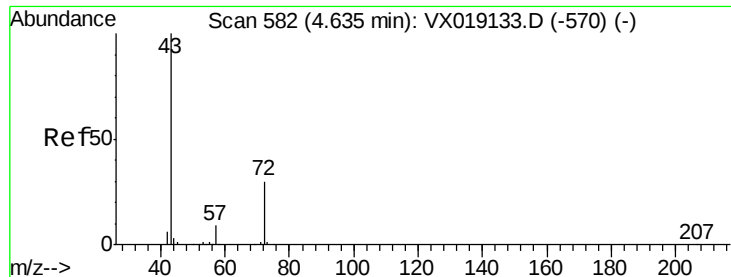
Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

100 4.4 2.4 7.2





#25

2-Butanone

Concen: 308.903 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

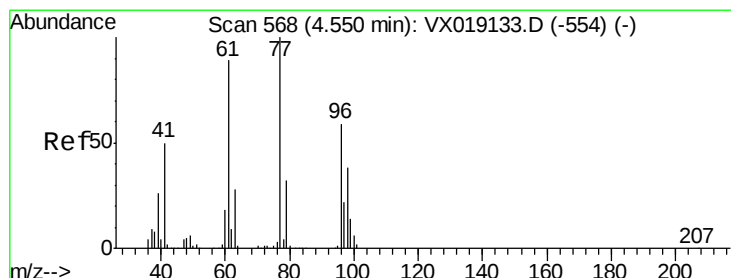
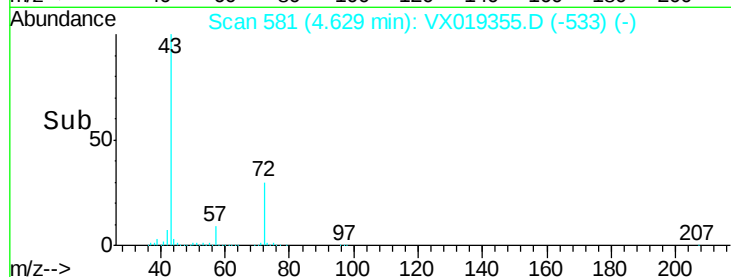
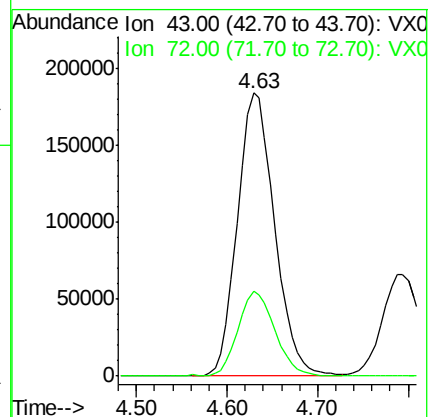
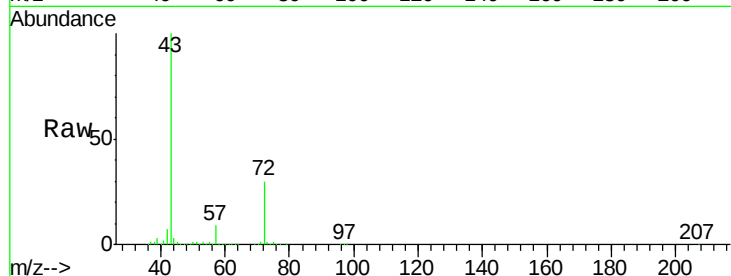
VSTDCCC050EC

Tot Ion: 43 Resp: 520023

Ion Ratio Lower Upper

43 100

72 29.8 24.6 36.8



#26

2,2-Dichloropropane

Concen: 50.432 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019355.D

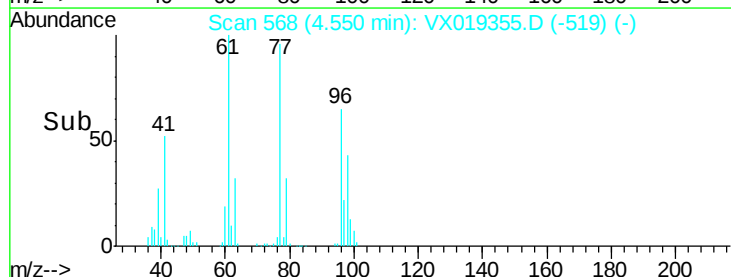
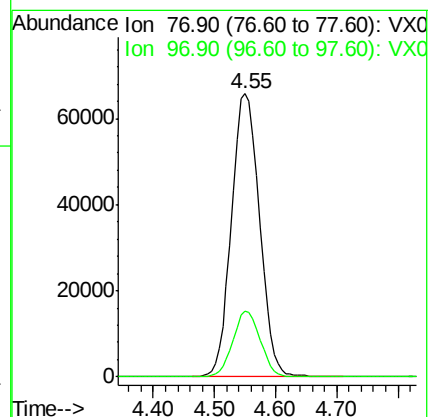
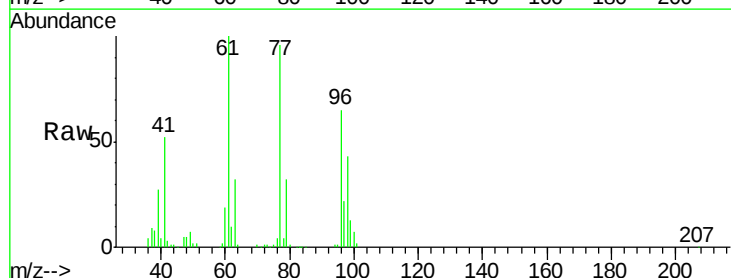
Acq: 06 Nov 2020 20:13

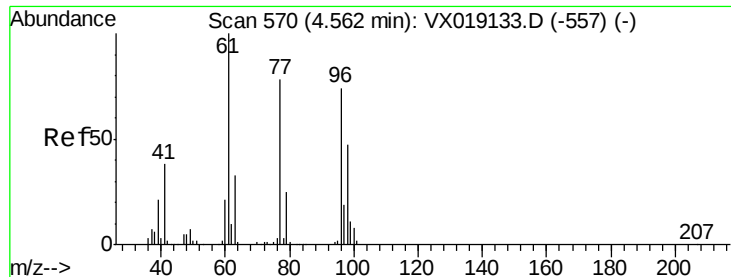
Tgt Ion: 77 Resp: 208005

Ion Ratio Lower Upper

77 100

97 22.6 11.4 34.1



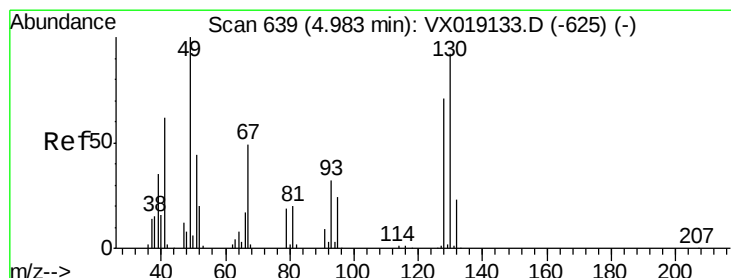
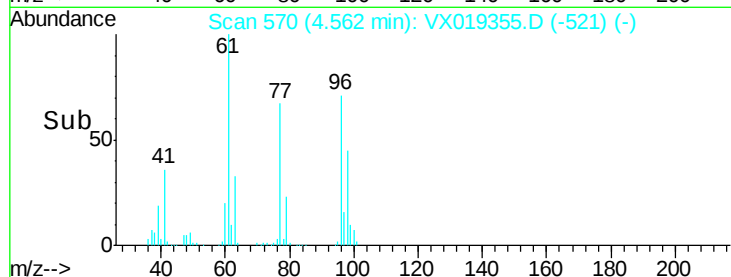
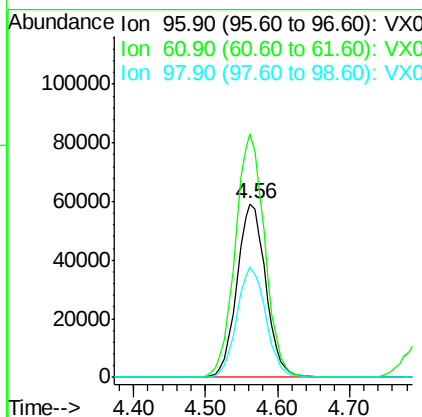
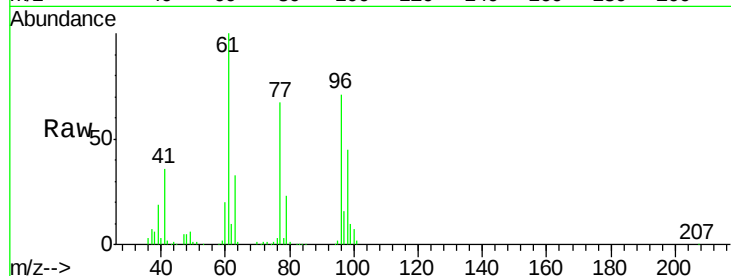


#27

cis-1,2-Dichloroethene
Concen: 54.814 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019355.D
Acq: 06 Nov 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

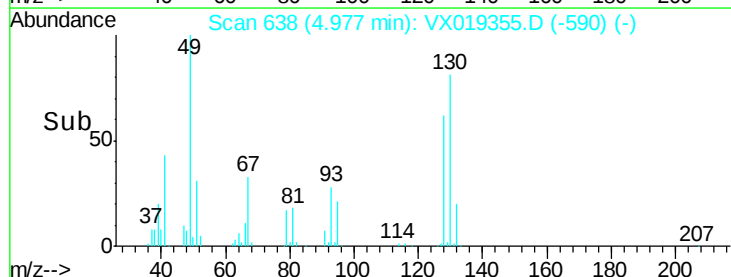
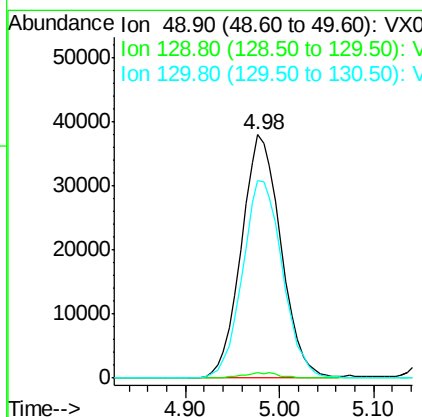
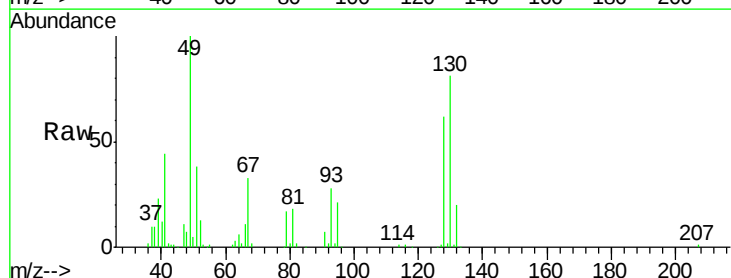
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.3	0.0	278.8
98	64.3	0.0	130.2

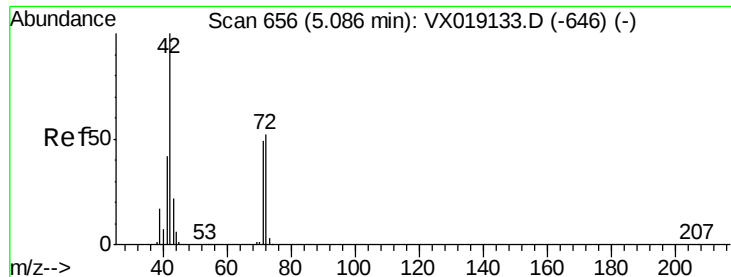


#28

Bromochloromethane
Concen: 55.900 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX019355.D
Acq: 06 Nov 2020 20:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	81.9	71.3	106.9





#29

Tetrahydrofuran

Concen: 311.017 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

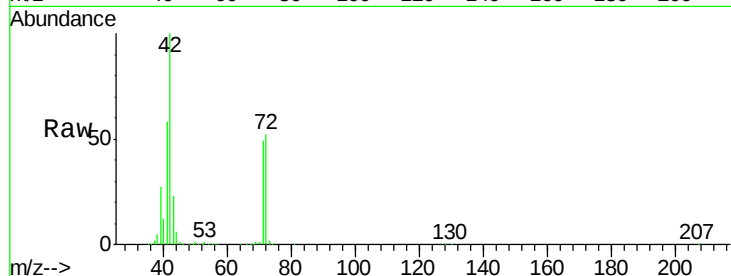
Tot Ion: 42 Resp: 329958

Ion Ratio Lower Upper

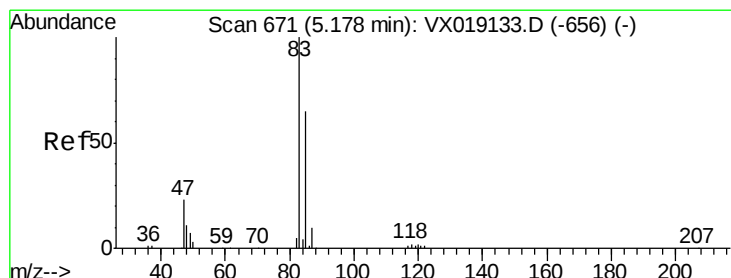
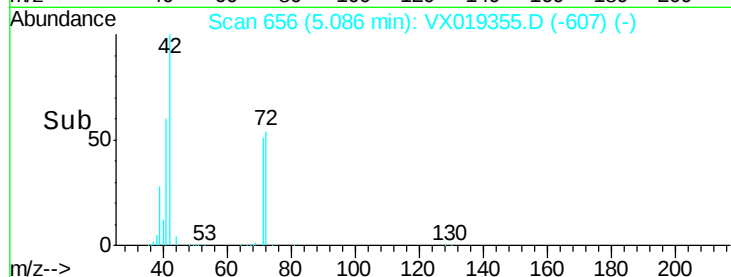
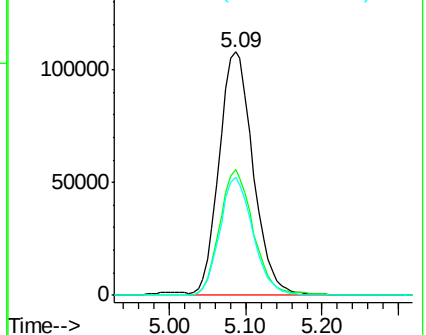
42 100

72 51.8 42.6 63.8

71 47.6 39.7 59.5



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: 57.938 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX019355.D

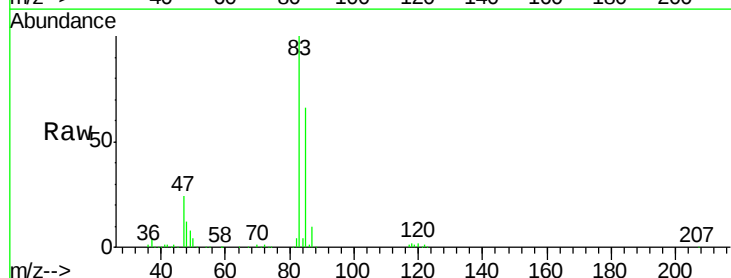
Acq: 06 Nov 2020 20:13

Tgt Ion: 83 Resp: 270562

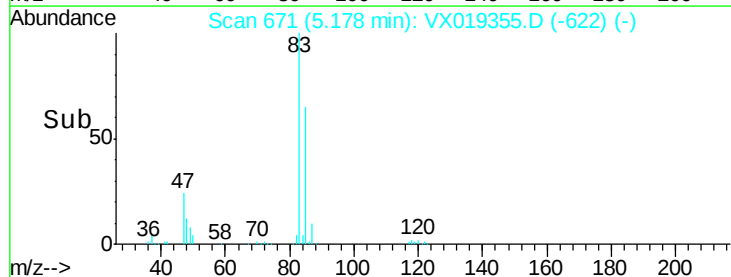
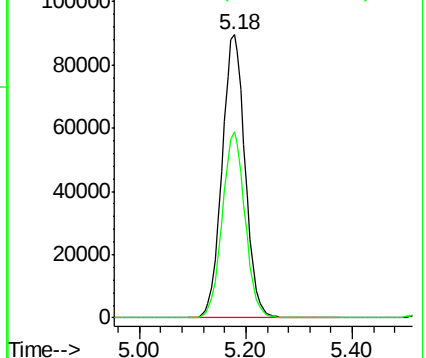
Ion Ratio Lower Upper

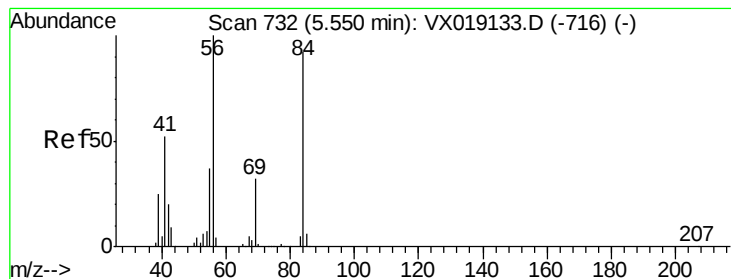
83 100

85 65.7 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 54.977 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

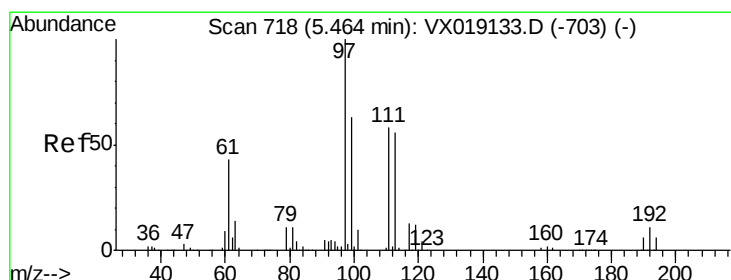
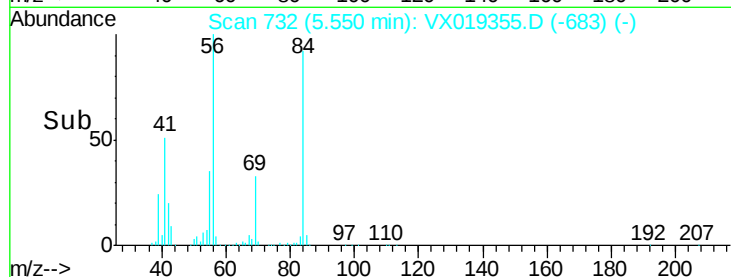
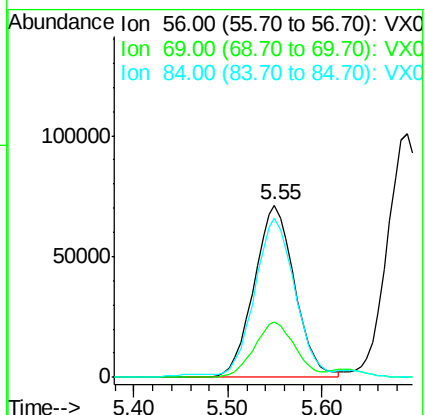
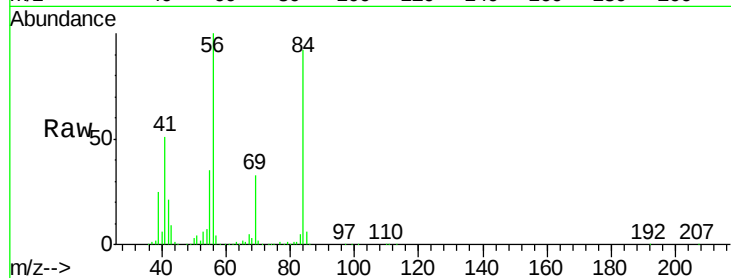
Tot Ion: 56 Resp: 215179

Ion Ratio Lower Upper

56 100

69 32.5 25.9 38.9

84 90.3 73.4 110.2



#32

1,1,1-Trichloroethane

Concen: 56.758 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

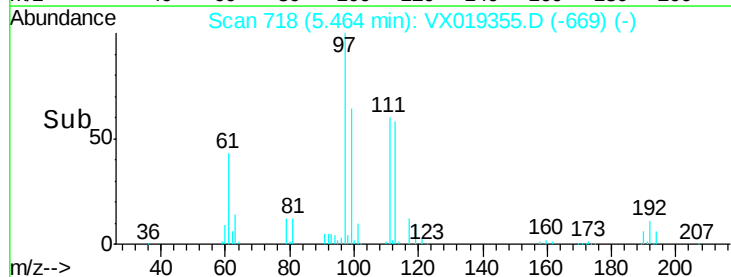
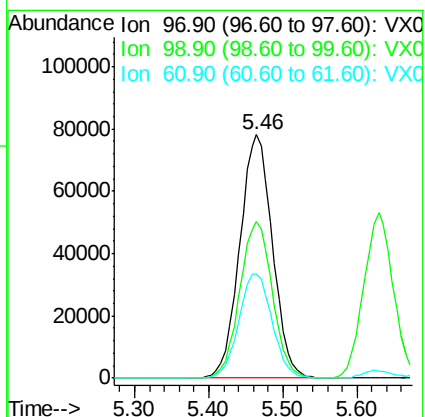
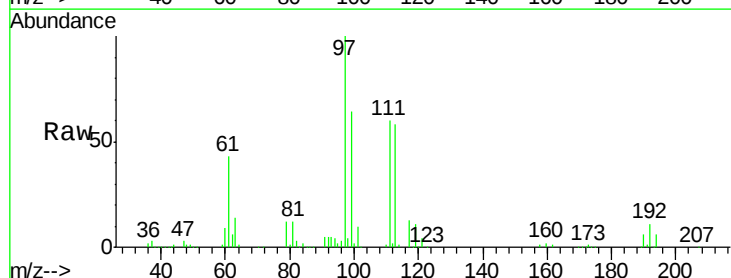
Tgt Ion: 97 Resp: 240305

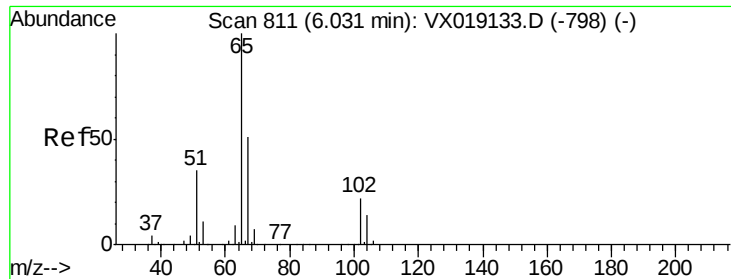
Ion Ratio Lower Upper

97 100

99 64.3 51.7 77.5

61 43.8 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 53.783 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

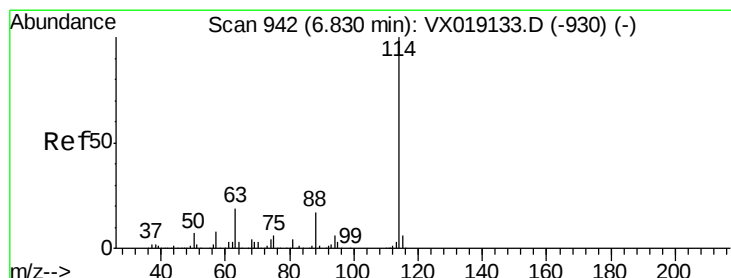
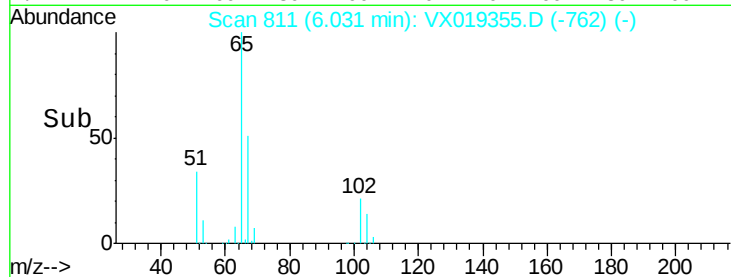
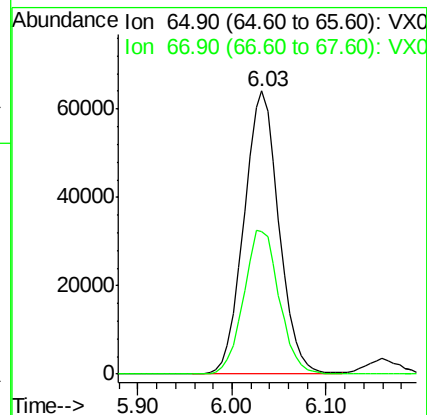
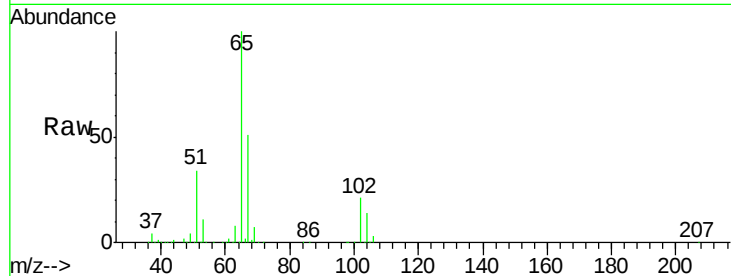
VSTDCCC050EC

Tot Ion: 65 Resp: 166528

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

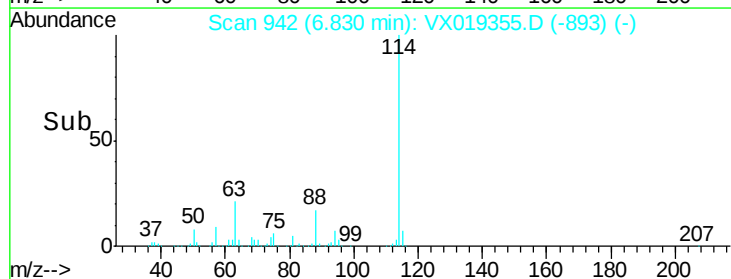
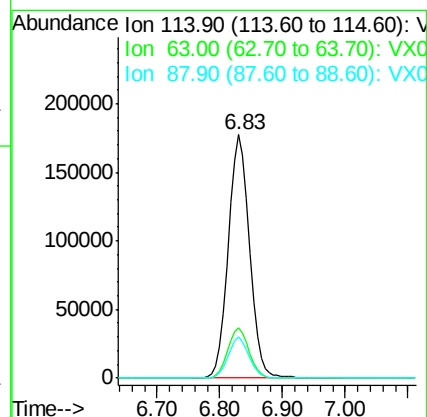
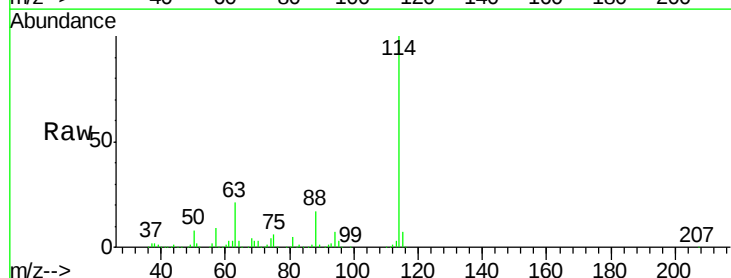
Tgt Ion: 114 Resp: 416370

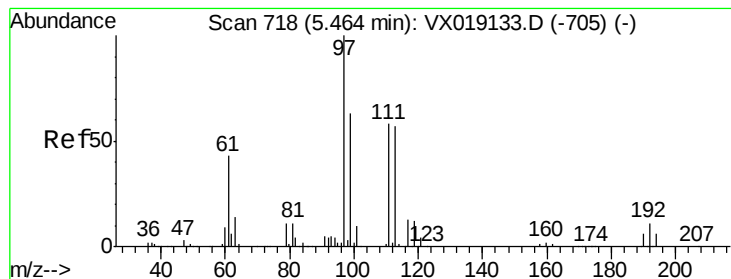
Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.8

88 16.9 0.0 34.2





#35

Dibromofluoromethane

Concen: 50.365 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

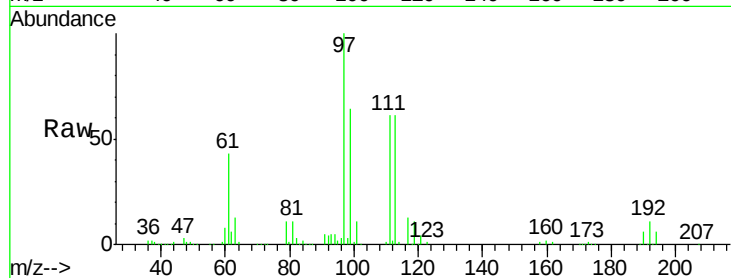
Tot Ion:113 Resp: 131722

Ion Ratio Lower Upper

113 100

111 101.9 82.3 123.5

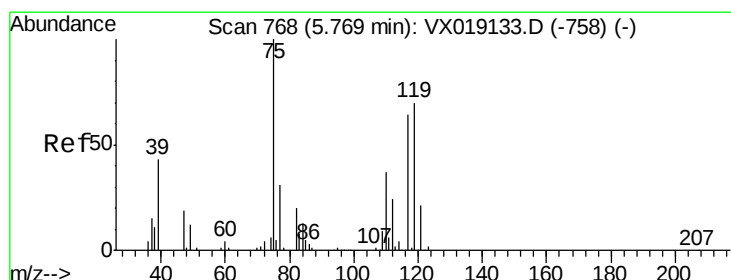
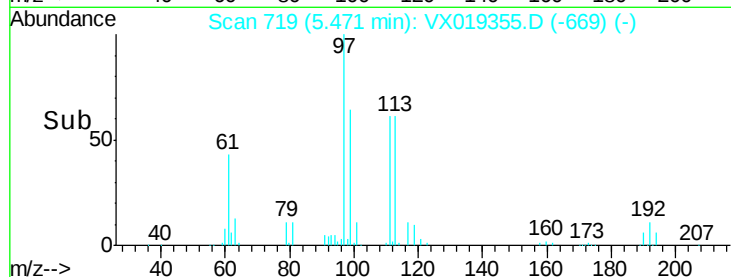
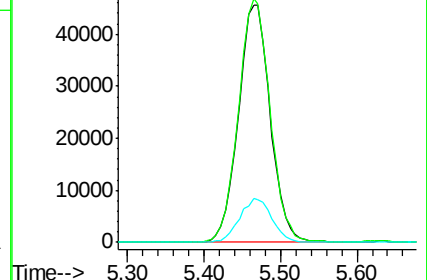
192 18.6 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.443 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

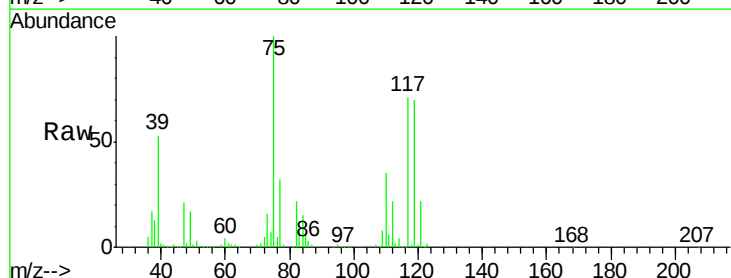
Tgt Ion: 75 Resp: 197791

Ion Ratio Lower Upper

75 100

110 35.6 18.3 54.9

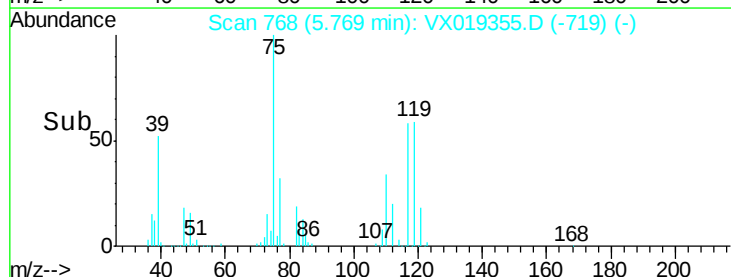
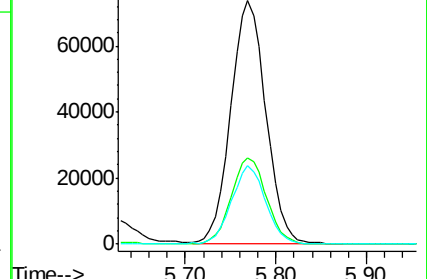
77 31.6 24.9 37.3

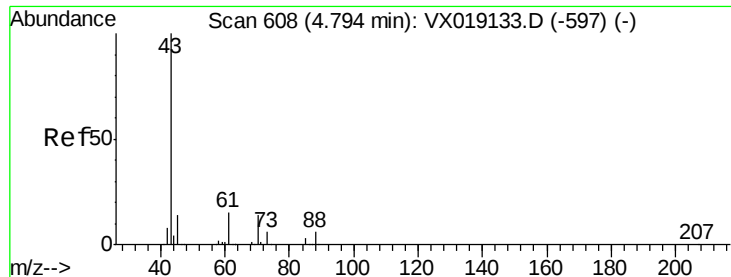


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

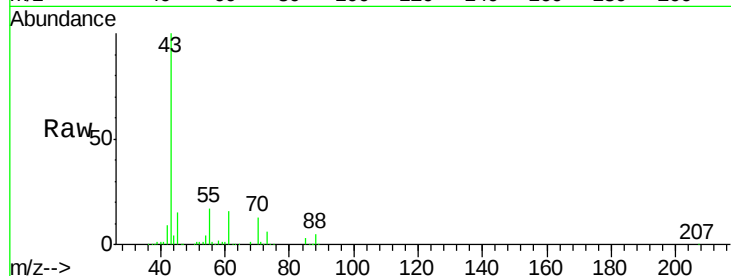




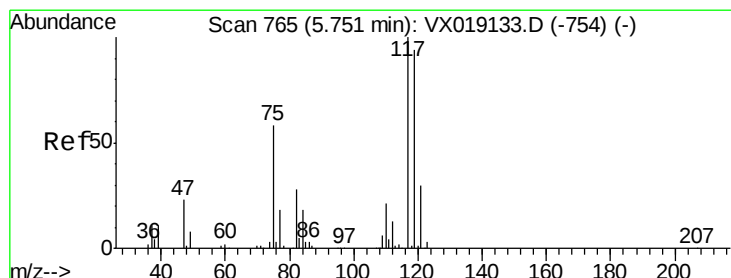
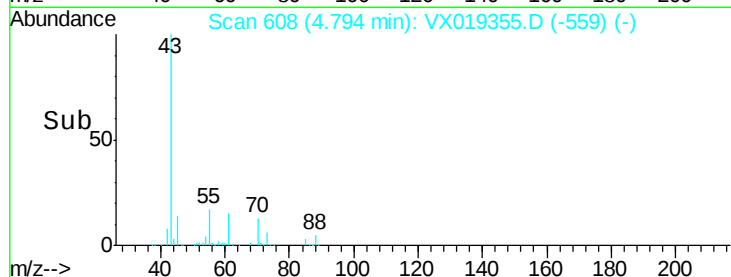
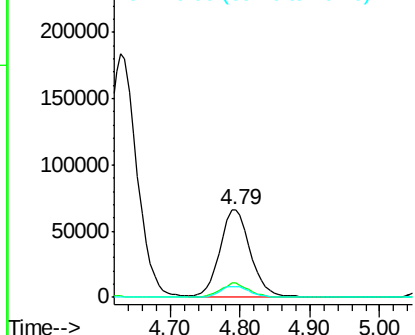
#37
Ethyl Acetate
Concen: 55.981 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019355.D
Acq: 06 Nov 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 199843
Ion Ratio Lower Upper
43 100
61 14.7 12.5 18.7
70 12.5 10.5 15.7

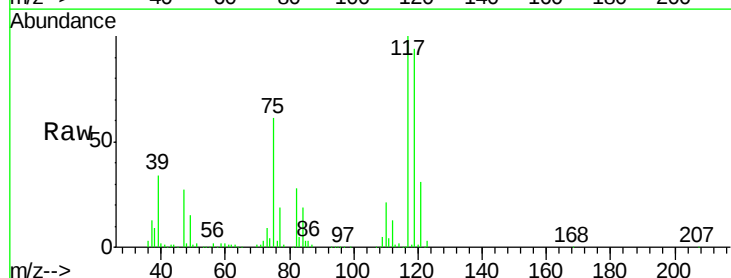


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

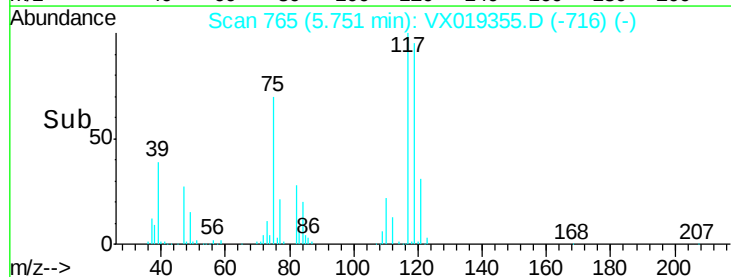
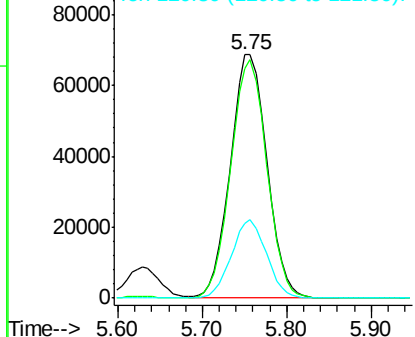


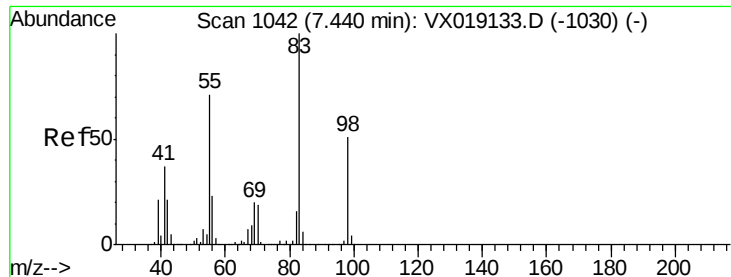
#38
Carbon Tetrachloride
Concen: 51.793 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019355.D
Acq: 06 Nov 2020 20:13

Tgt Ion: 117 Resp: 202979
Ion Ratio Lower Upper
117 100
119 94.3 75.0 112.6
121 30.6 23.9 35.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

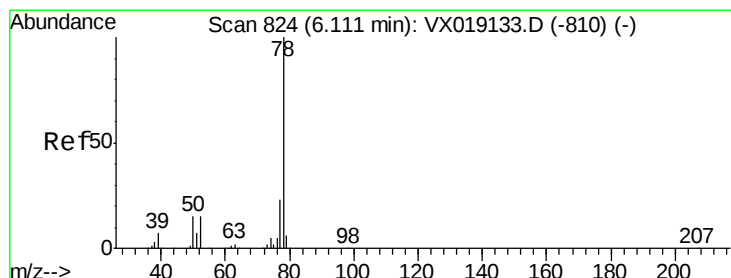
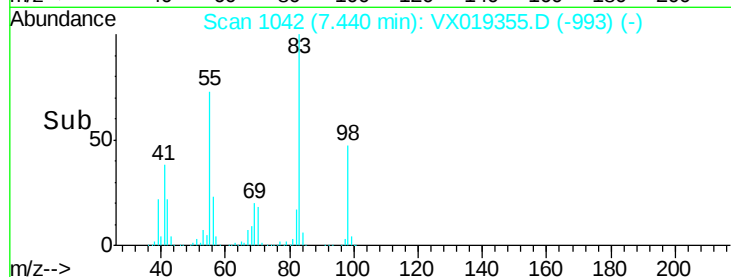
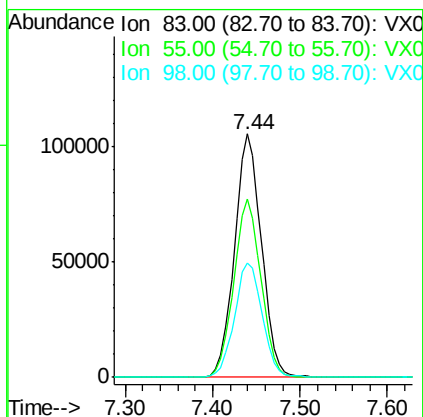
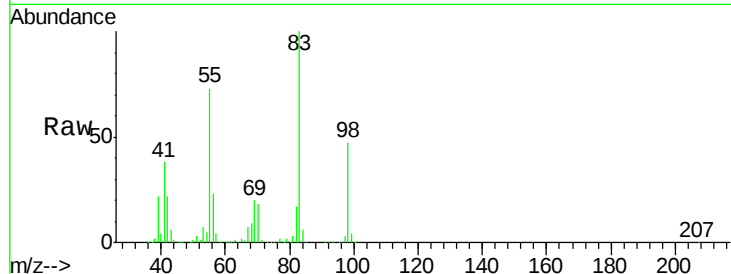




#39
Methvlcvclohexane
Concen: 49.263 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019355.D
Acq: 06 Nov 2020 20:13

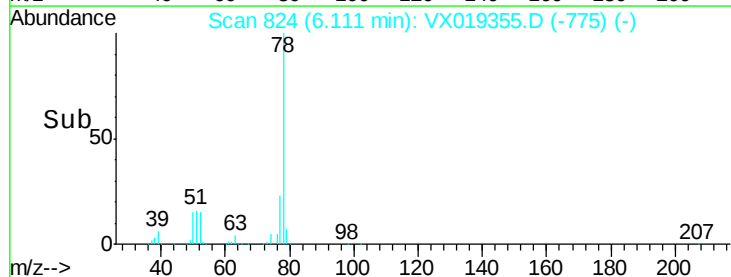
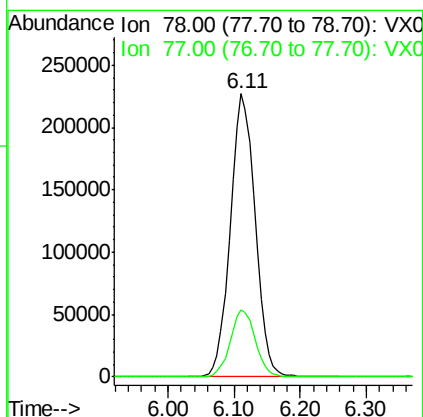
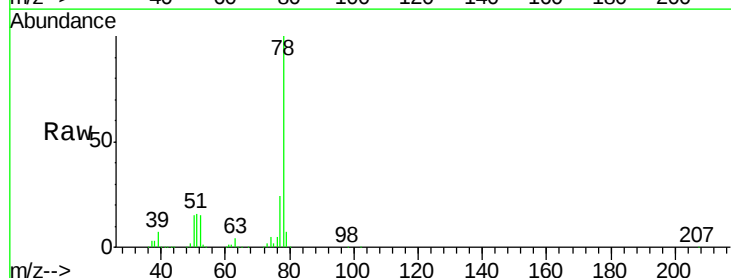
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

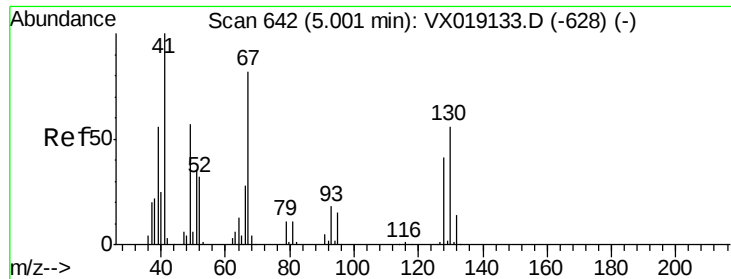
Tot Ion: 83 Resp: 226477
Ion Ratio Lower Upper
83 100
55 73.1 57.0 85.6
98 47.2 40.5 60.7



#40
Benzene
Concen: 54.226 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019355.D
Acq: 06 Nov 2020 20:13

Tgt Ion: 78 Resp: 591139
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1

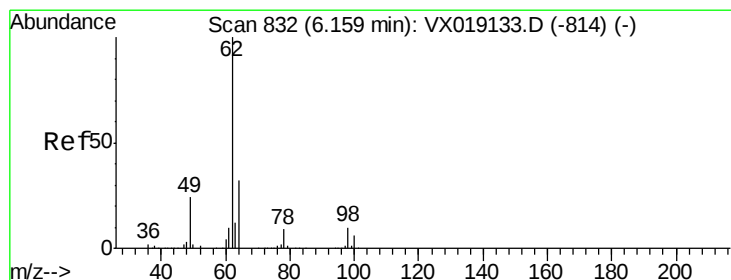
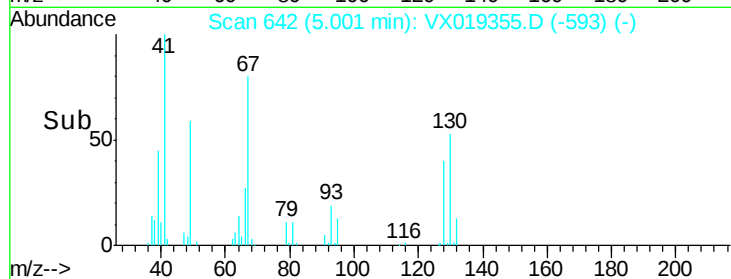
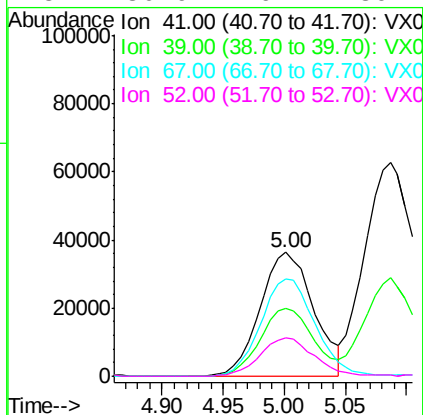
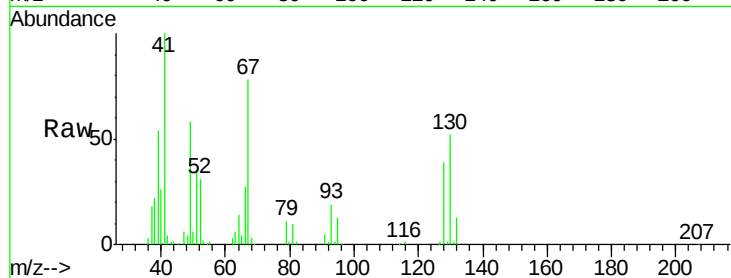




#41
Methacrylonitrile
Concen: 57.737 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX019355.D
Acq: 06 Nov 2020 20:13

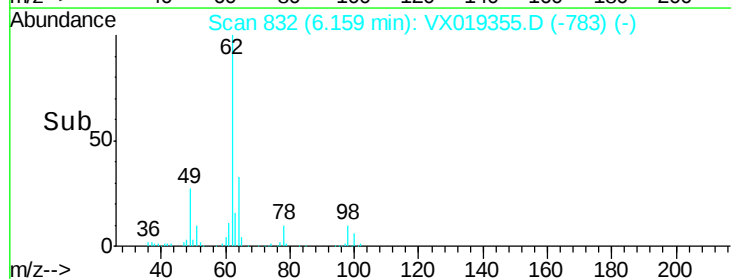
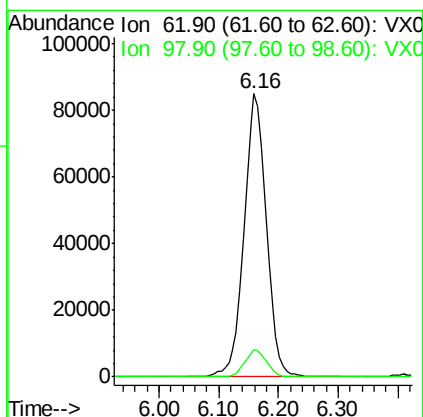
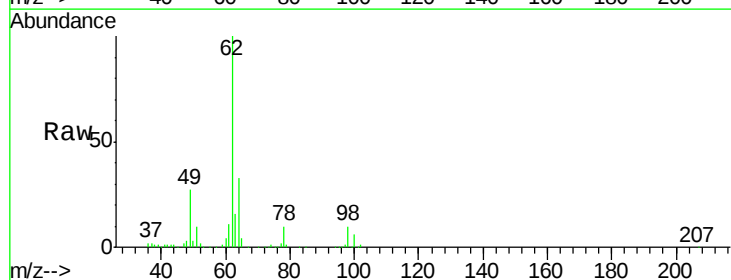
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

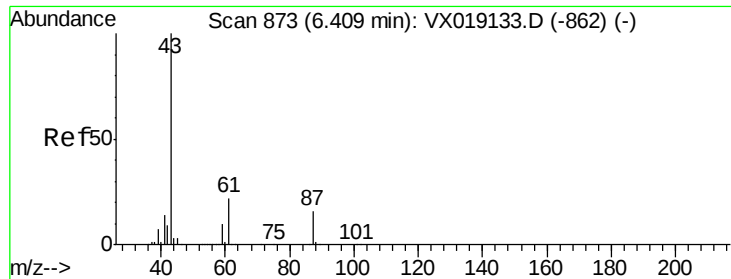
Tot Ion:	41	Resp:	110998
Ion	Ratio	Lower	Upper
41	100		
39	54.6	44.4	66.6
67	79.8	66.4	99.6
52	30.9	26.2	39.4



#42
1,2-Dichloroethane
Concen: 55.078 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019355.D
Acq: 06 Nov 2020 20:13

Tgt Ion:	62	Resp:	221287
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.0



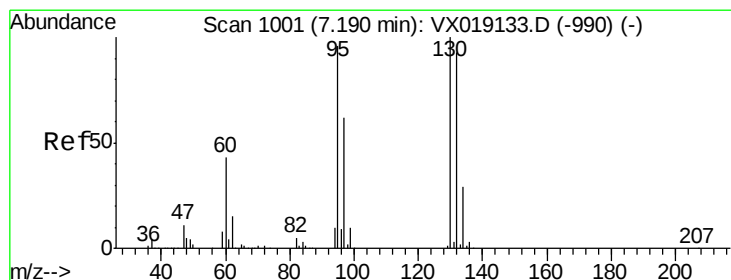
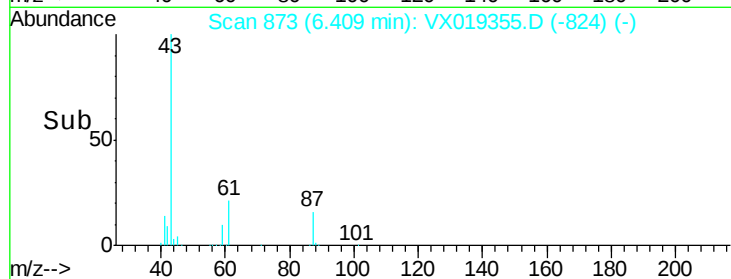
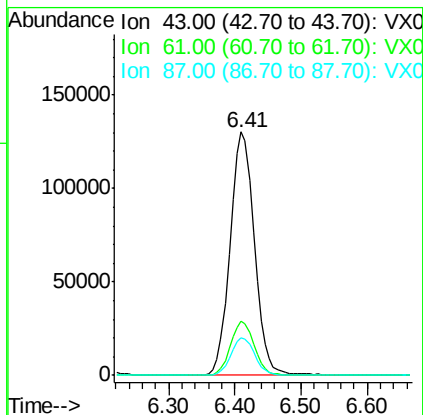
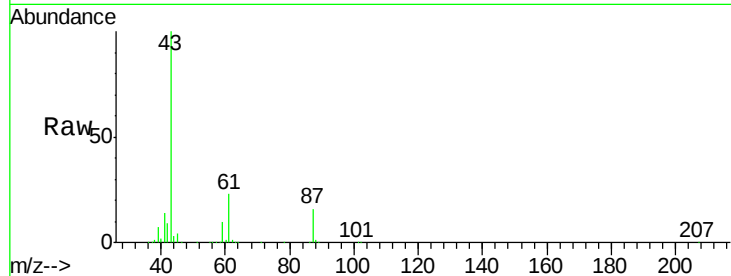


#43

Isopropyl Acetate
 Concen: 55.271 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX019355.D
 Acq: 06 Nov 2020 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

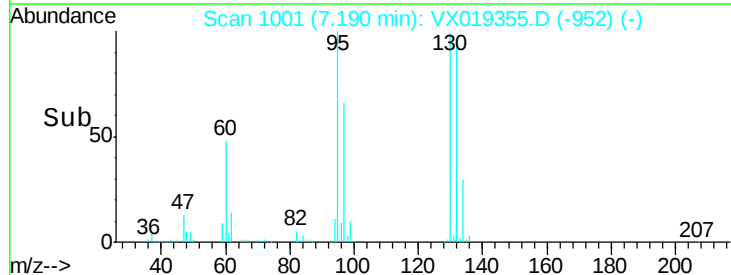
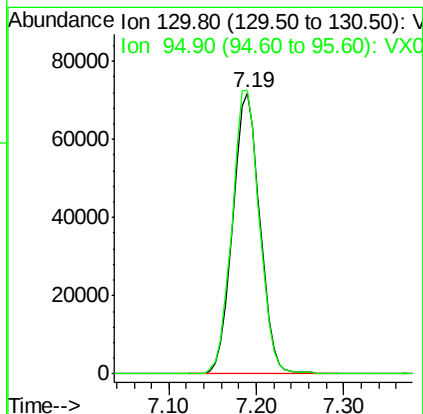
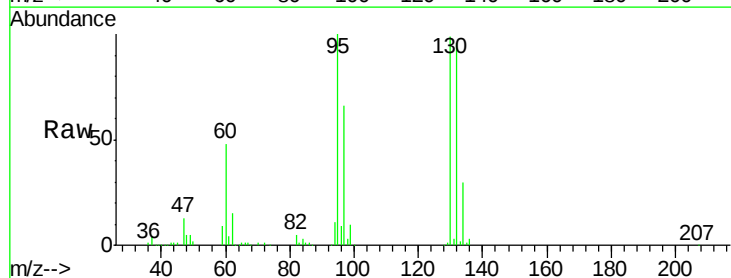
Tot Ion: 43 Resp: 330381
 Ion Ratio Lower Upper
 43 100
 61 21.8 17.8 26.6
 87 15.2 12.6 19.0

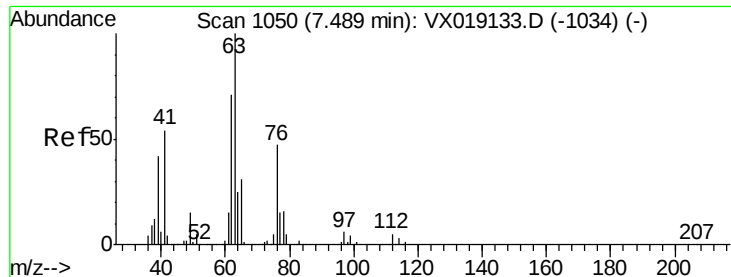


#44

Trichloroethene
 Concen: 49.725 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX019355.D
 Acq: 06 Nov 2020 20:13

Tgt Ion: 130 Resp: 155245
 Ion Ratio Lower Upper
 130 100
 95 100.8 0.0 192.0





#45

1,2-Dichloropropane

Concen: 56.342 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

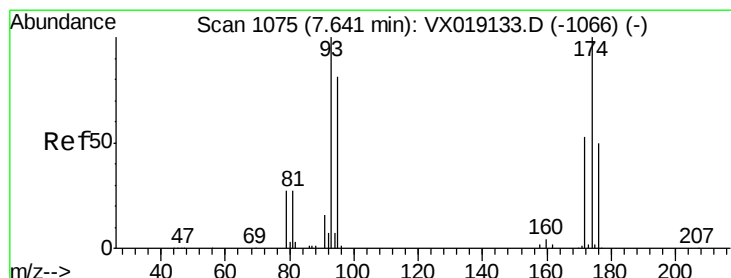
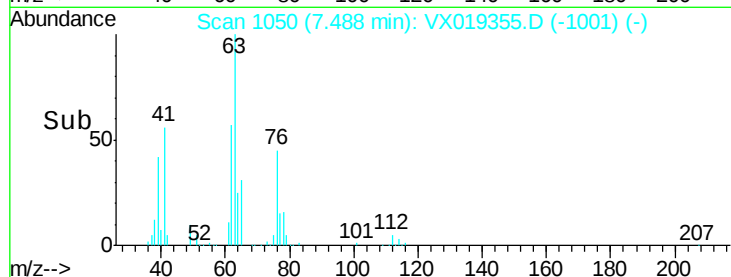
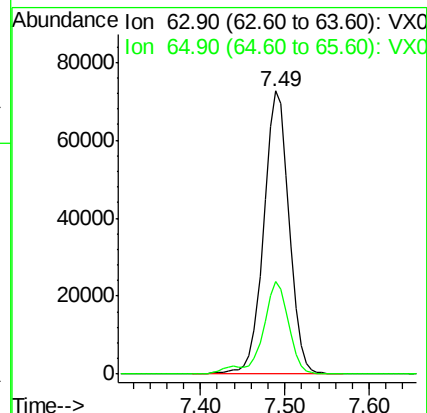
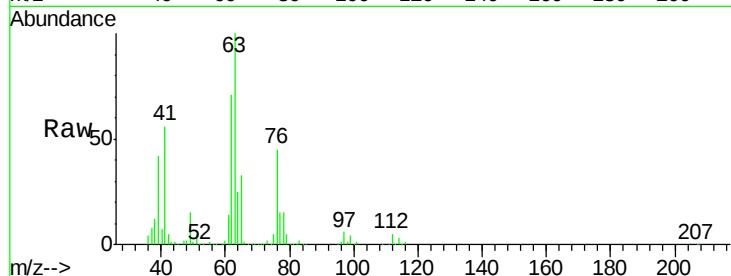
VSTDCCC050EC

Tot Ion: 63 Resp: 150440

Ion Ratio Lower Upper

63 100

65 32.5 25.2 37.8



#46

Dibromomethane

Concen: 52.489 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

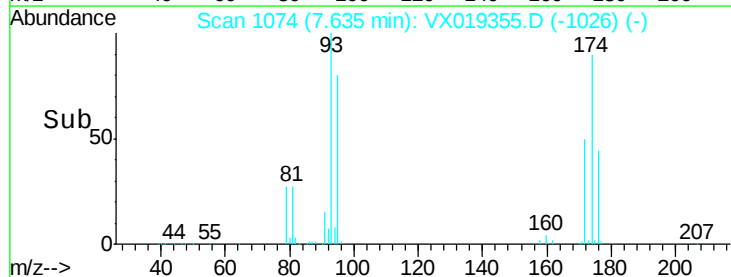
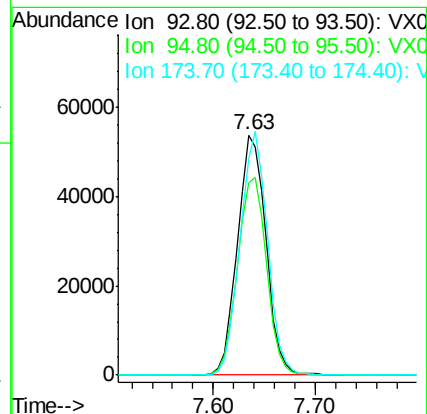
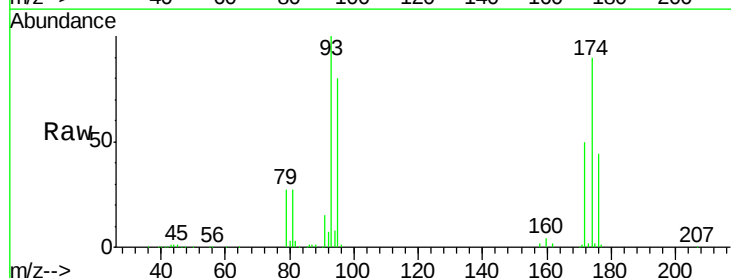
Tgt Ion: 93 Resp: 103639

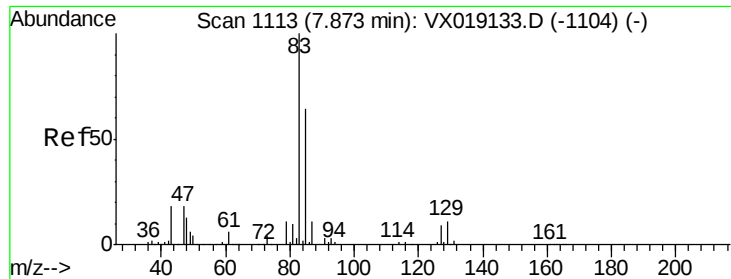
Ion Ratio Lower Upper

93 100

95 84.0 67.0 100.6

174 98.0 81.7 122.5





#47

Bromodichloromethane

Concen: 55.642 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

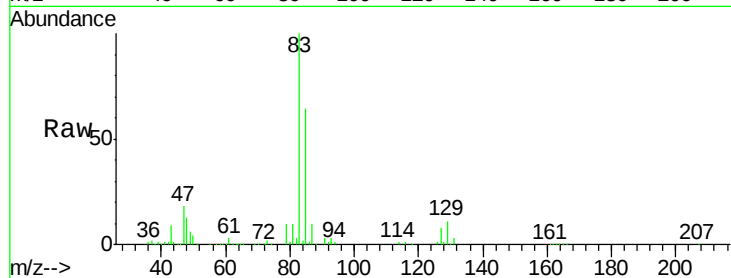
Tot Ion: 83 Resp: 216549

Ion Ratio Lower Upper

83 100

85 64.3 51.2 76.8

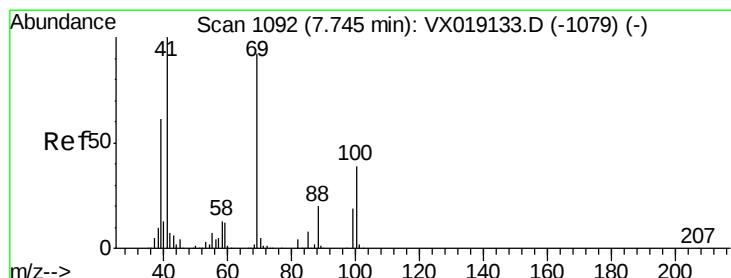
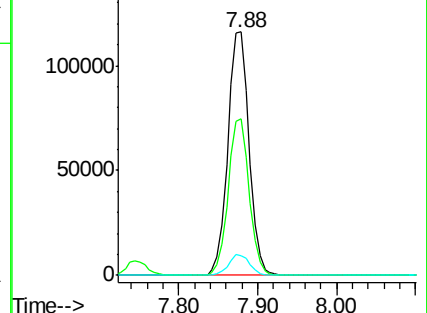
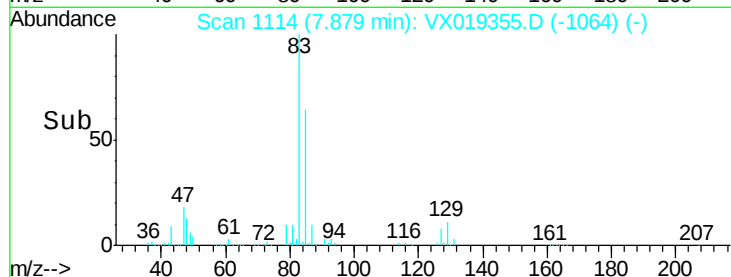
127 8.0 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 57.687 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

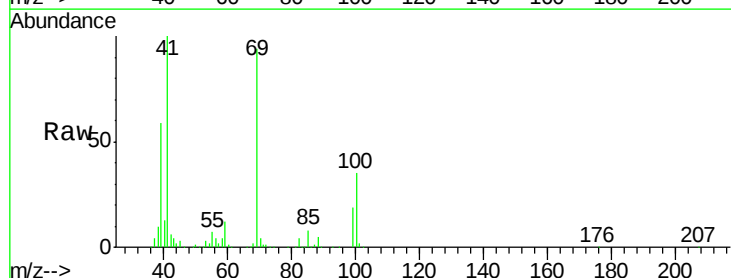
Tgt Ion: 41 Resp: 165967

Ion Ratio Lower Upper

41 100

69 93.2 75.5 113.3

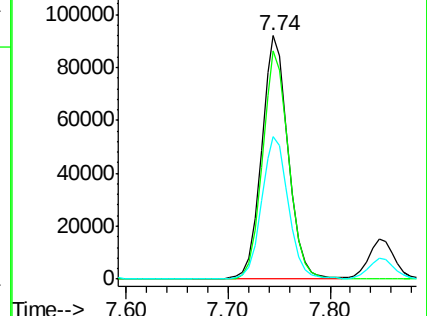
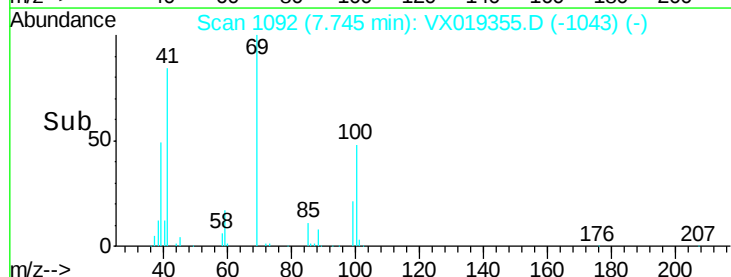
39 59.4 48.9 73.3

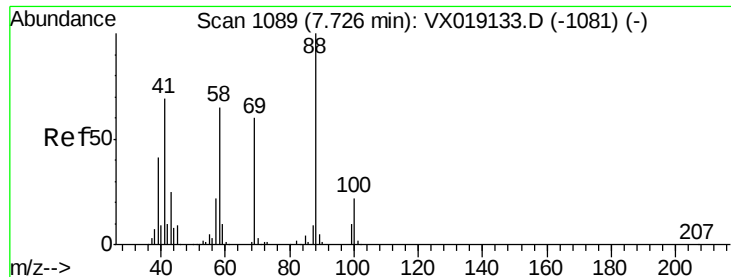


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

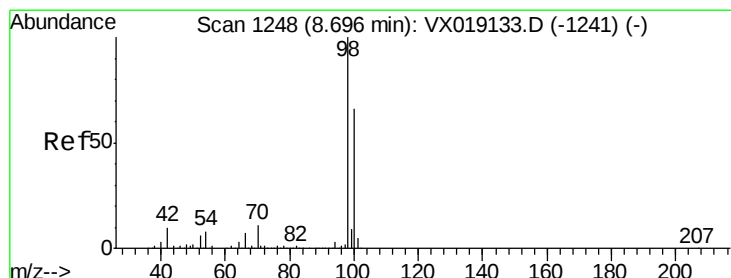
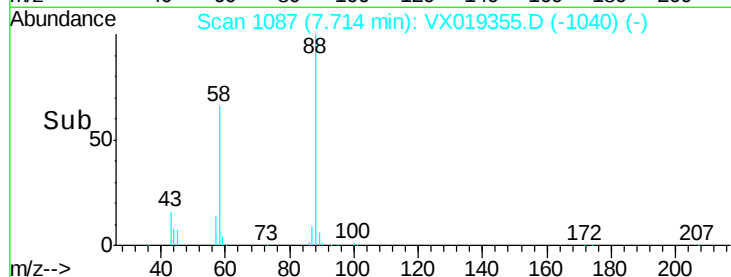
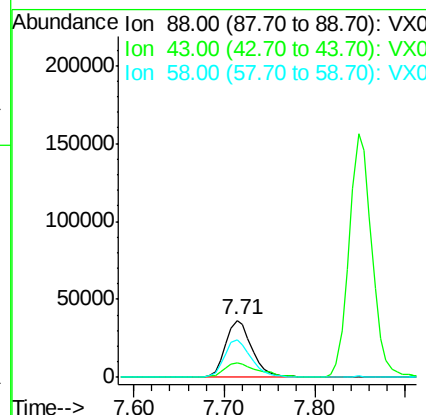
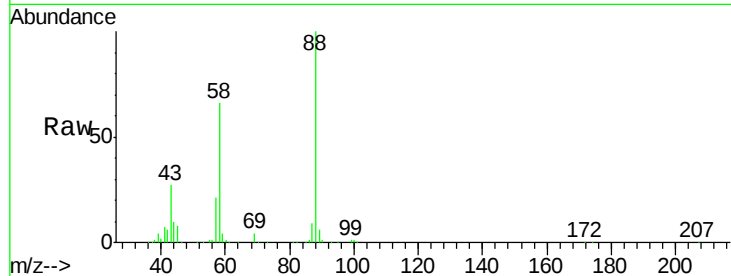




#49
1,4-Dioxane
Concen: 1167.869 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX019355.D
Acq: 06 Nov 2020 20:13

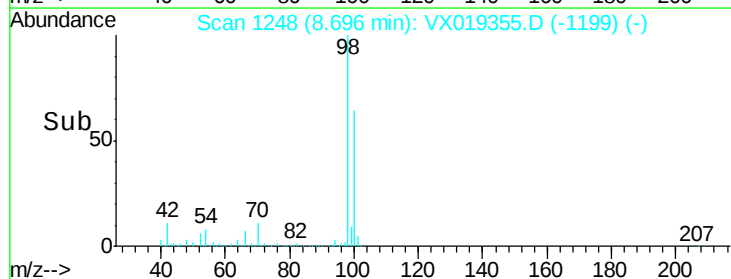
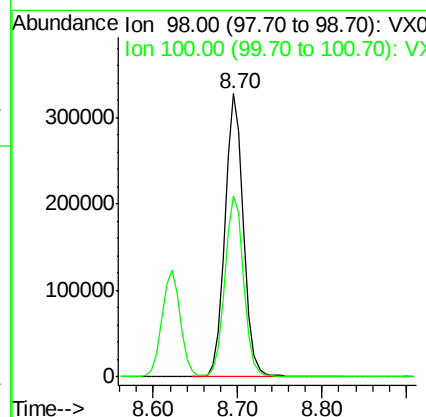
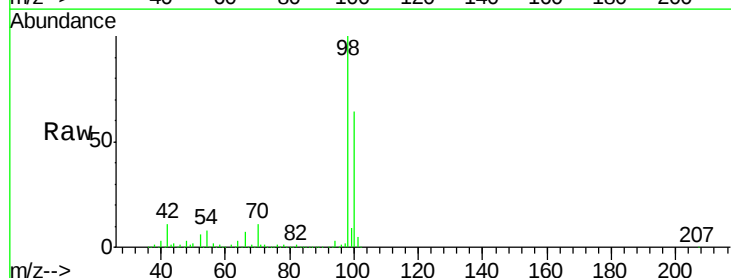
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

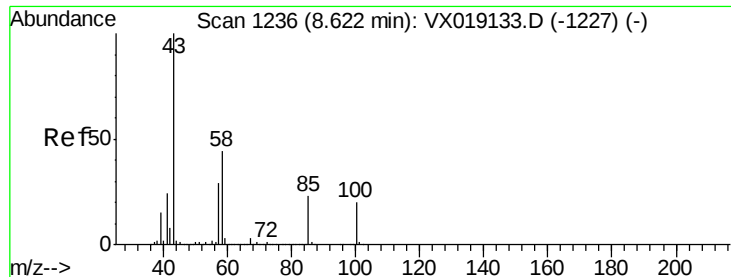
Tot Ion: 88 Resp: 74722
Ion Ratio Lower Upper
88 100
43 30.2 23.0 34.6
58 67.3 52.2 78.2



#50
Toluene-d8
Concen: 50.163 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019355.D
Acq: 06 Nov 2020 20:13

Tgt Ion: 98 Resp: 494561
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 299.894 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

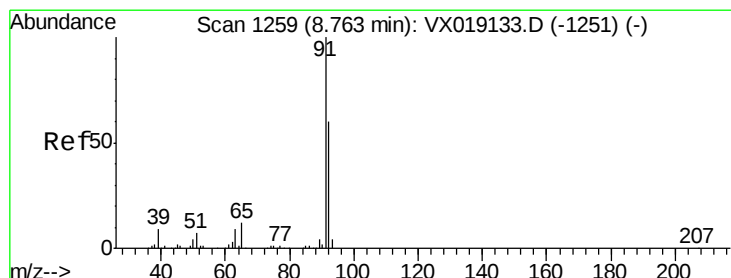
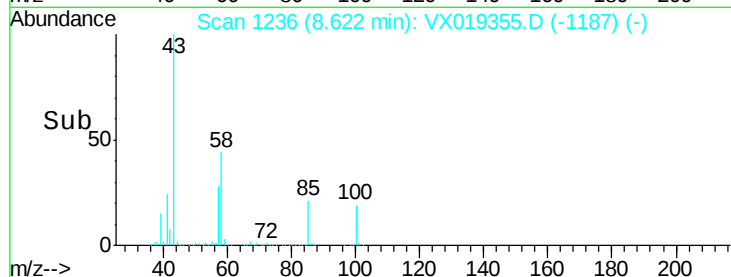
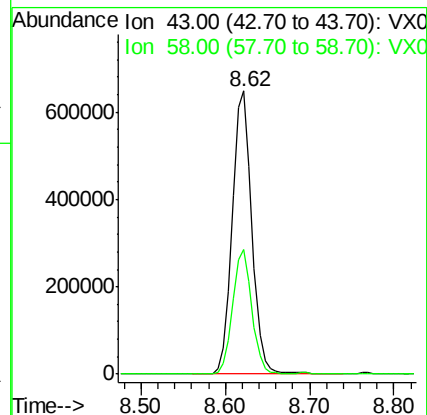
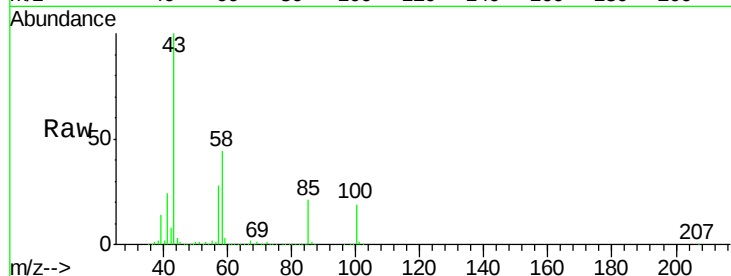
VSTDCCC050EC

Tot Ion: 43 Resp: 1030300

Ion Ratio Lower Upper

43 100

58 43.2 35.0 52.4



#52

Toluene

Concen: 54.128 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019355.D

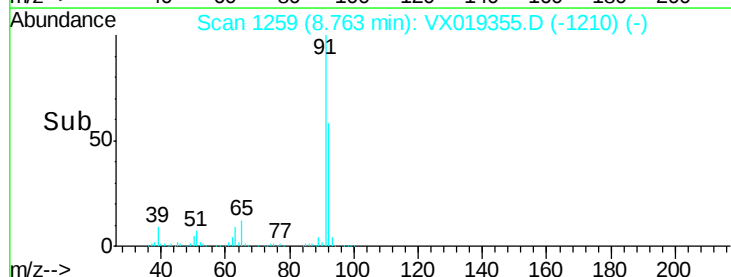
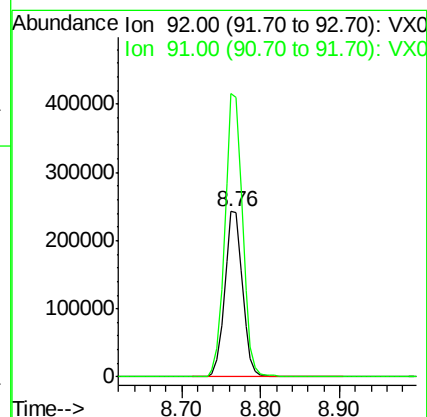
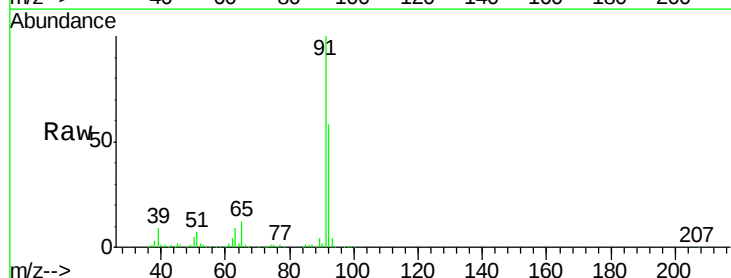
Acq: 06 Nov 2020 20:13

Tgt Ion: 92 Resp: 380040

Ion Ratio Lower Upper

92 100

91 170.8 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 53.590 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

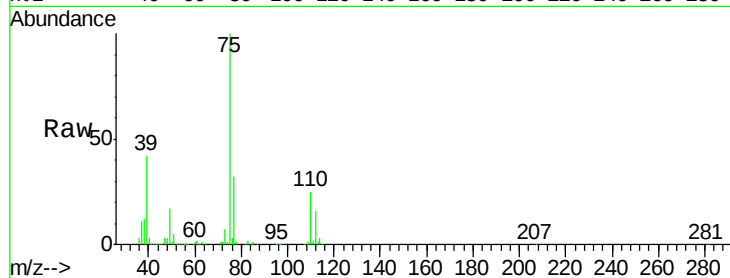
VSTDCCC050EC

Tot Ion: 75 Resp: 238216

Ion Ratio Lower Upper

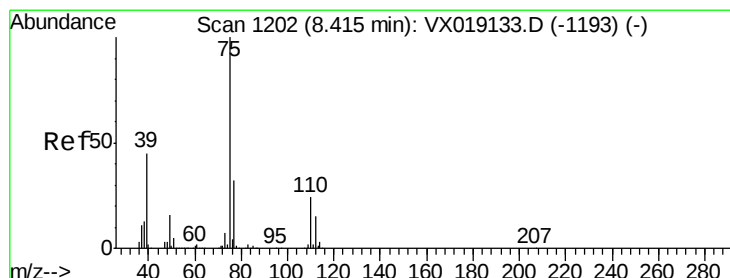
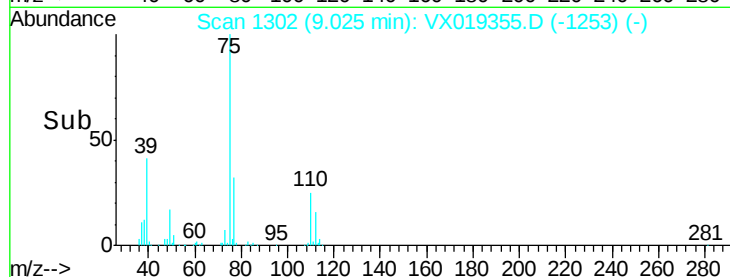
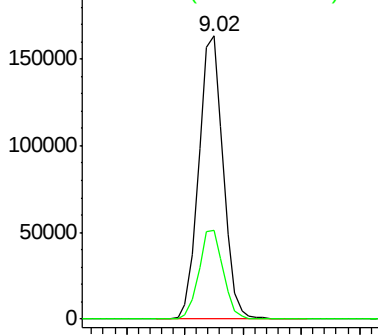
75 100

77 31.6 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 53.910 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

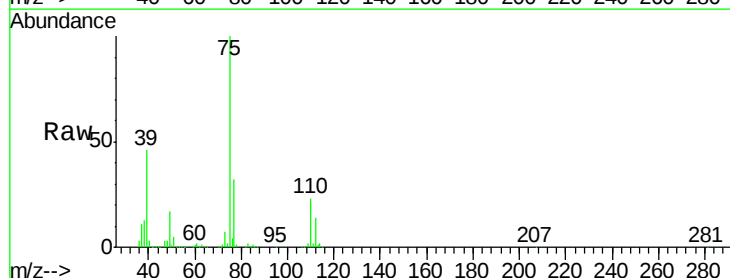
Tgt Ion: 75 Resp: 251991

Ion Ratio Lower Upper

75 100

77 32.4 25.5 38.3

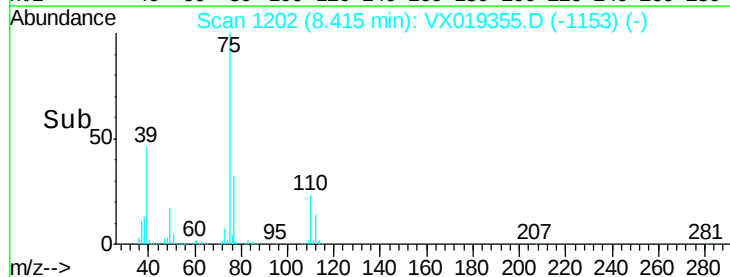
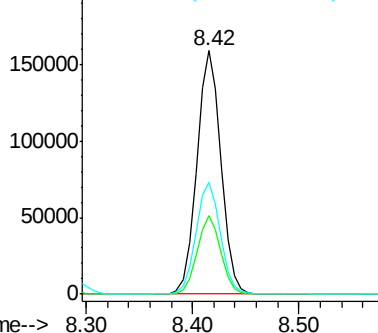
39 45.8 36.2 54.2

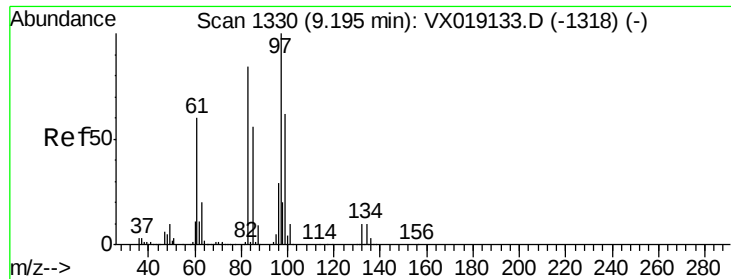


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

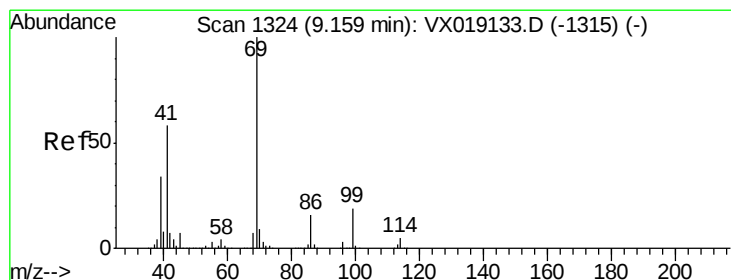
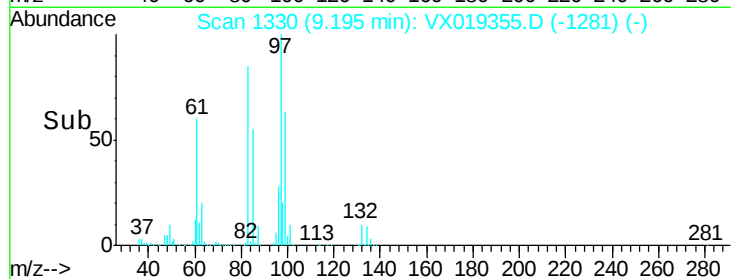
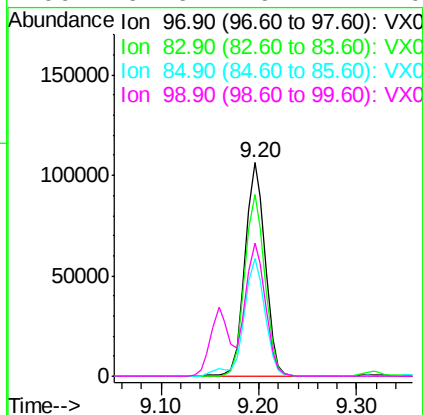
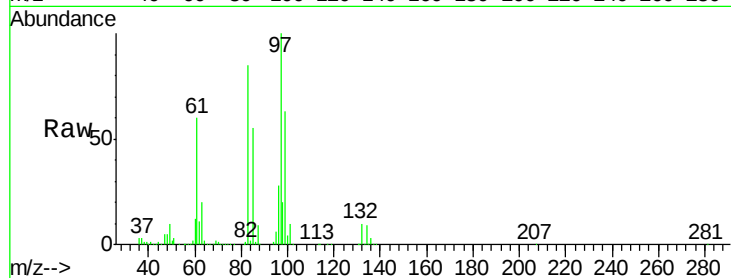




#55
 1,1,2-Trichloroethane
 Concen: 55.187 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019355.D
 Acq: 06 Nov 2020 20:13

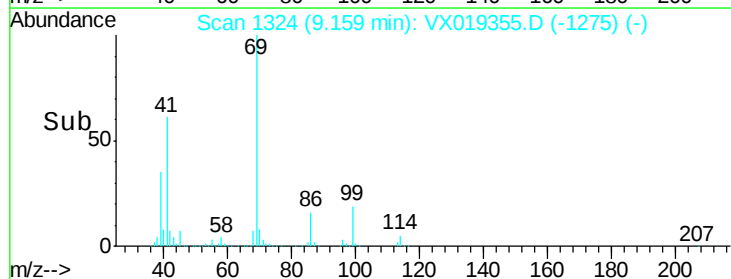
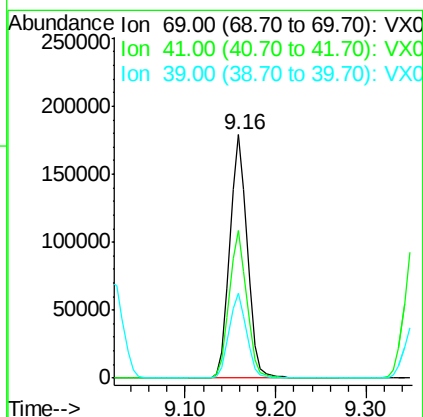
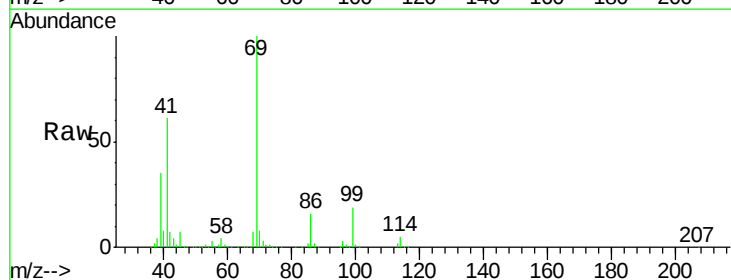
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

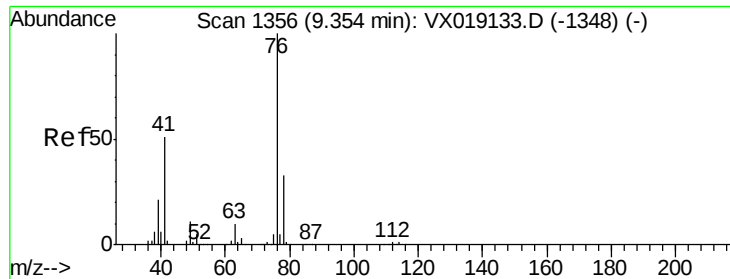
Tot Ion:	97	Resp:	153098
Ion	Ratio	Lower	Upper
97	100		
83	85.3	67.2	100.8
85	55.3	44.6	67.0
99	62.6	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 57.349 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019355.D
 Acq: 06 Nov 2020 20:13

Tgt Ion:	69	Resp:	240306
Ion	Ratio	Lower	Upper
69	100		
41	60.6	46.5	69.7
39	34.8	27.6	41.4

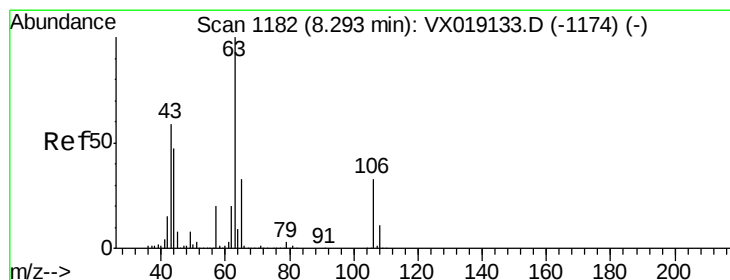
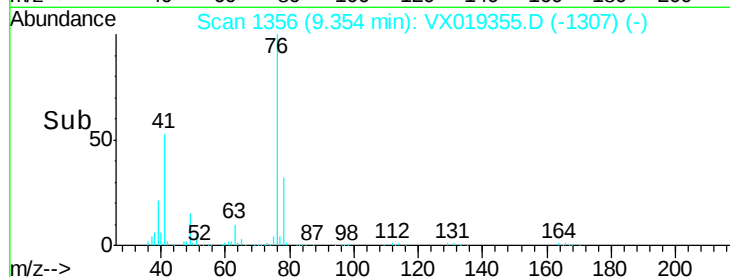
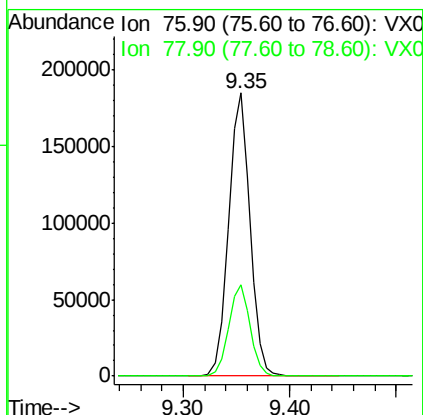
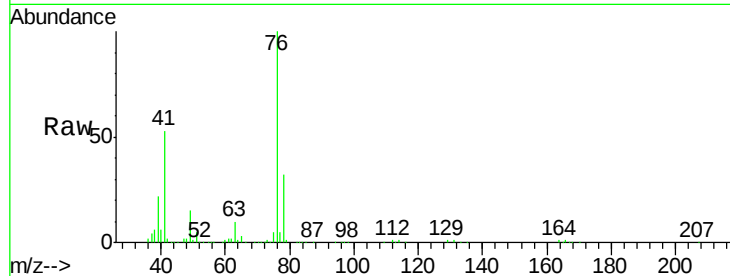




#57
 1,3-Dichloropropane
 Concen: 55.628 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX019355.D
 Acq: 06 Nov 2020 20:13

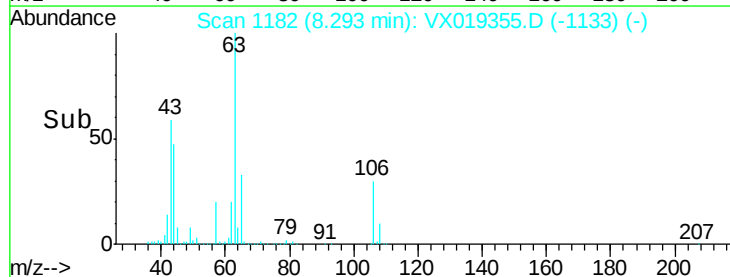
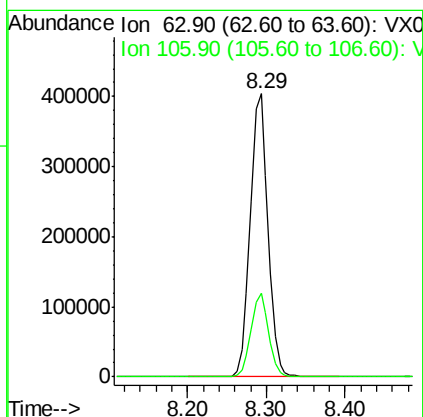
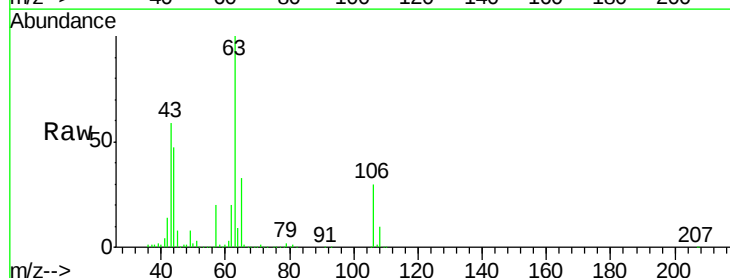
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

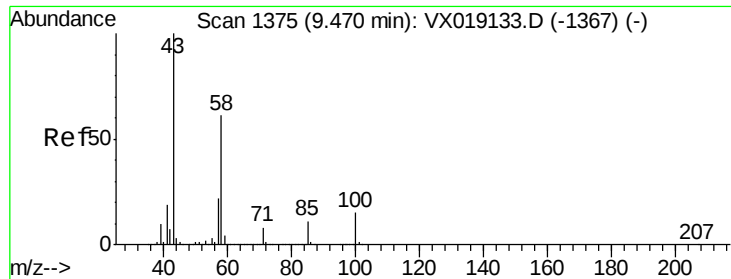
Tot Ion: 76 Resp: 260185
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 270.123 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX019355.D
 Acq: 06 Nov 2020 20:13

Tgt Ion: 63 Resp: 633016
 Ion Ratio Lower Upper
 63 100
 106 29.3 25.1 37.7

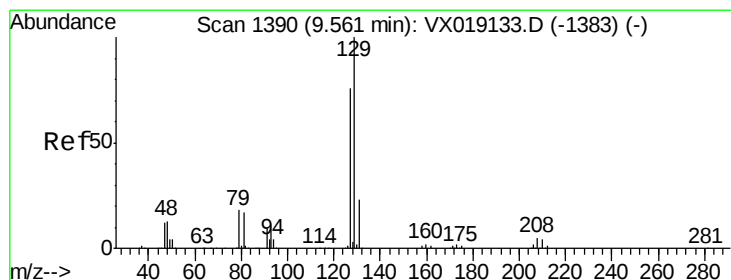
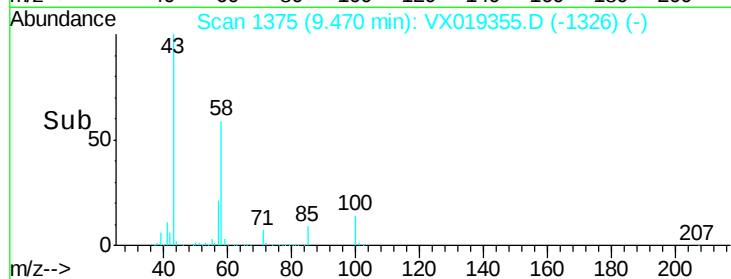
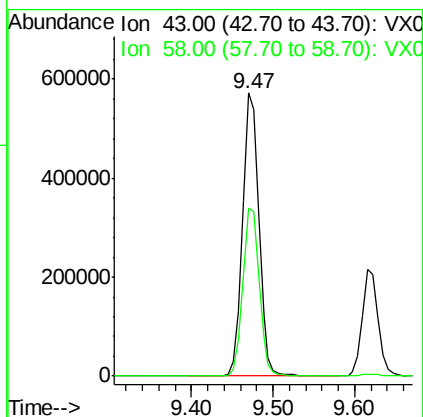
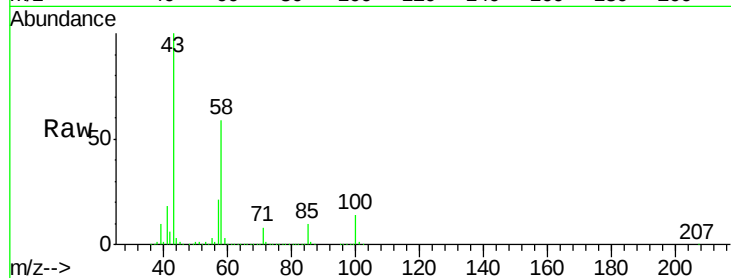




#59
2-Hexanone
Concen: 300.933 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019355.D
Acq: 06 Nov 2020 20:13

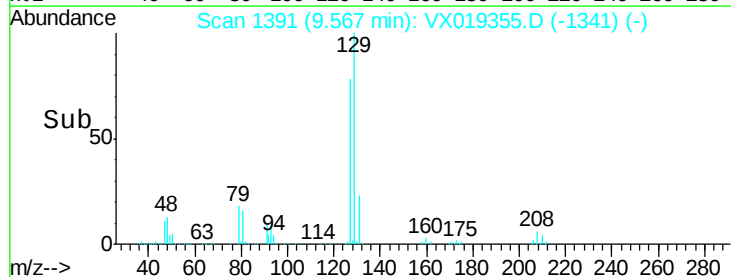
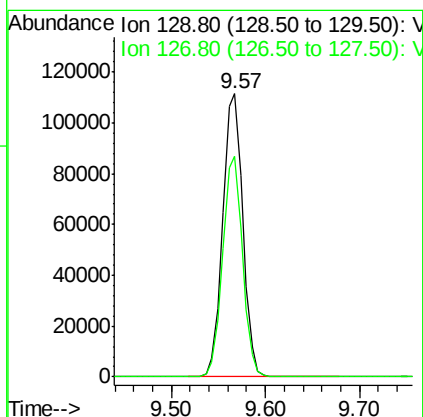
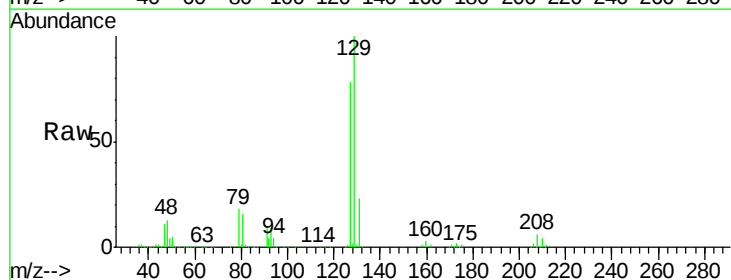
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 786991
Ion Ratio Lower Upper
43 100
58 59.9 30.5 91.5



#60
Dibromochloromethane
Concen: 54.716 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VX019355.D
Acq: 06 Nov 2020 20:13

Tgt Ion: 129 Resp: 164731
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.8

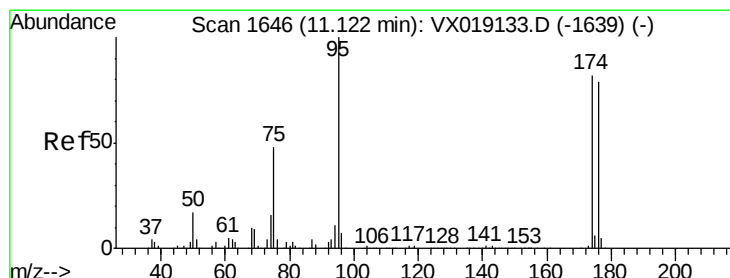
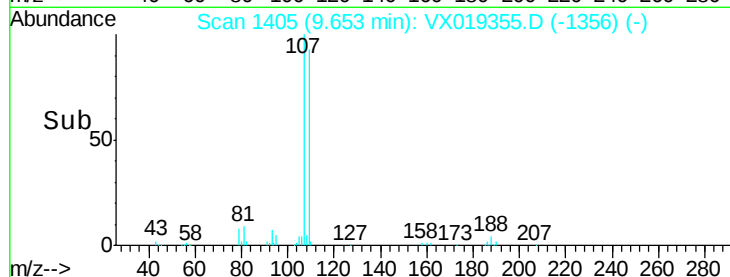
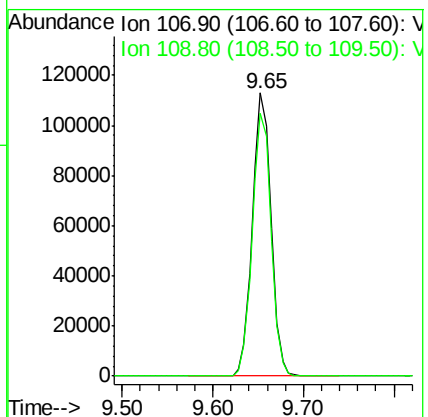
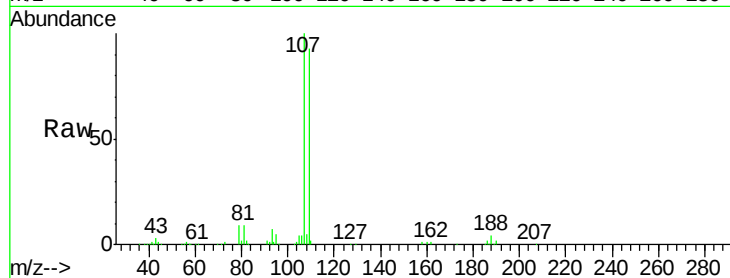




#61
 1,2-Dibromoethane
 Concen: 54.625 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019355.D
 Acq: 06 Nov 2020 20:13

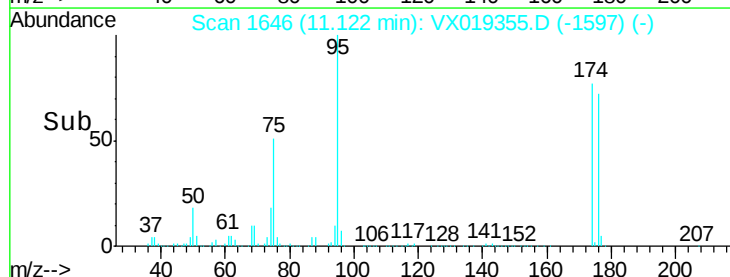
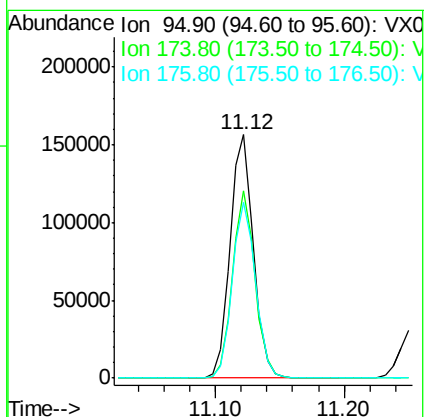
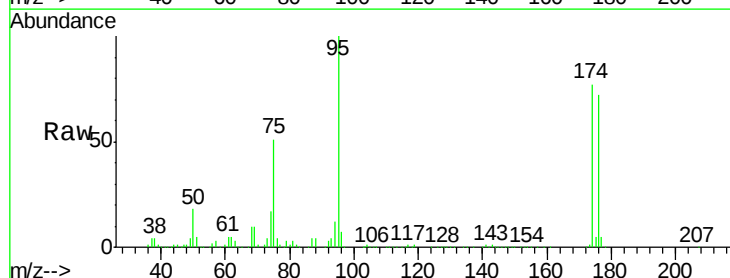
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

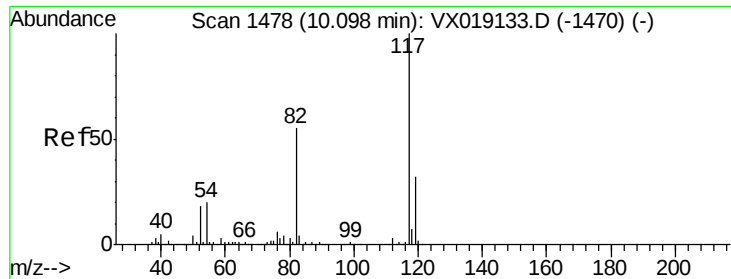
Tot Ion:107 Resp: 162049
 Ion Ratio Lower Upper
 107 100
 109 93.1 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 53.093 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019355.D
 Acq: 06 Nov 2020 20:13

Tgt Ion: 95 Resp: 198233
 Ion Ratio Lower Upper
 95 100
 174 74.4 0.0 156.0
 176 72.2 0.0 149.8

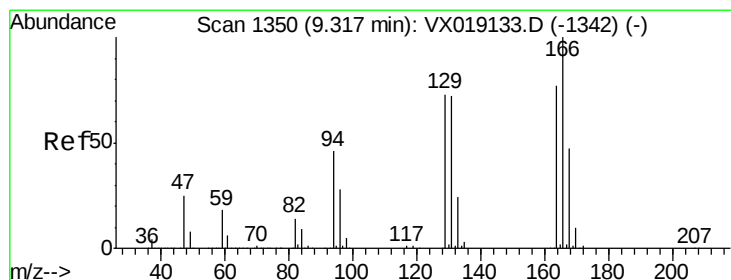
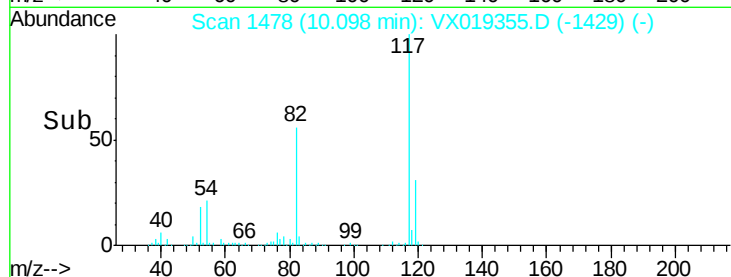
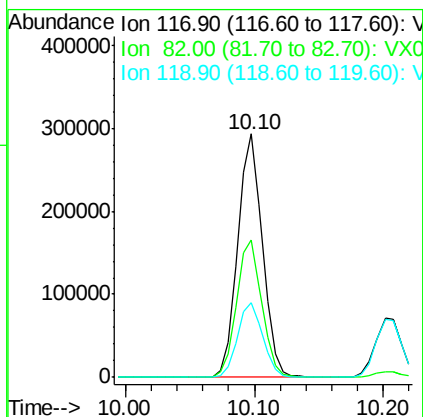
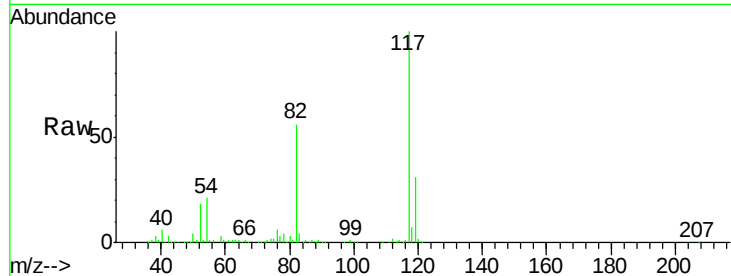




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019355.D
Acq: 06 Nov 2020 20:13

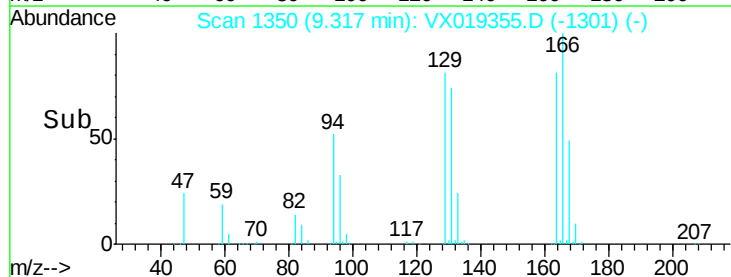
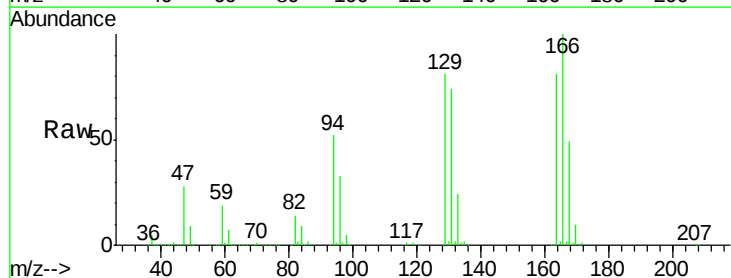
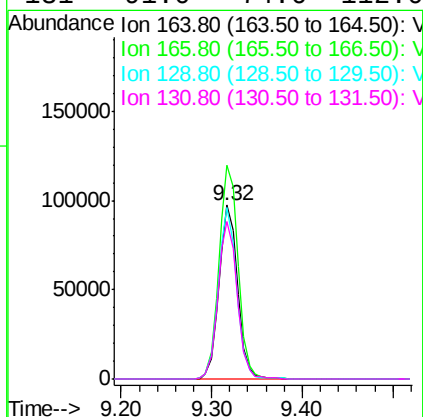
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

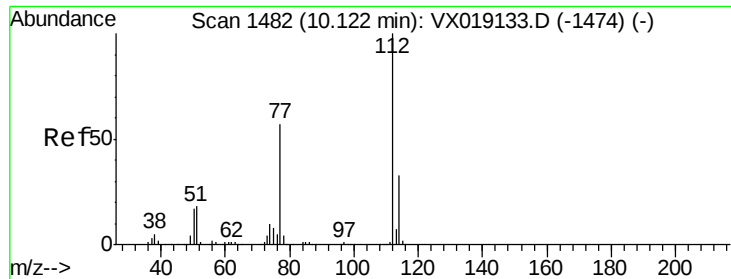
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	43.6	65.4
119	30.8	25.5	38.3



#64
Tetrachloroethene
Concen: 46.838 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019355.D
Acq: 06 Nov 2020 20:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.0	104.1	156.1
129	99.2	76.2	114.4
131	91.0	74.6	112.0

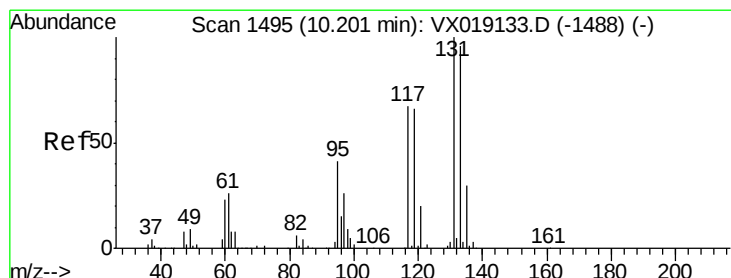
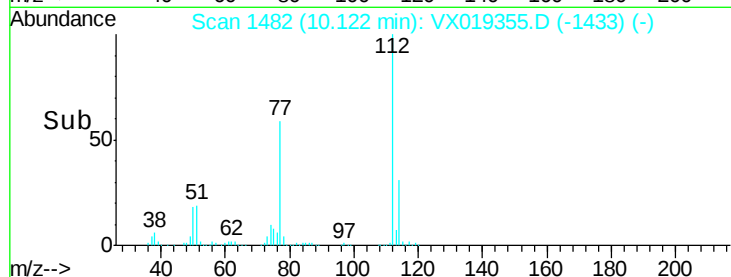
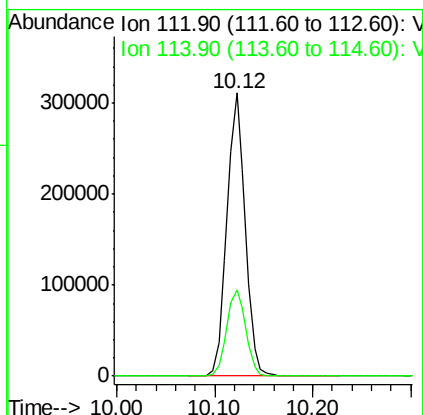
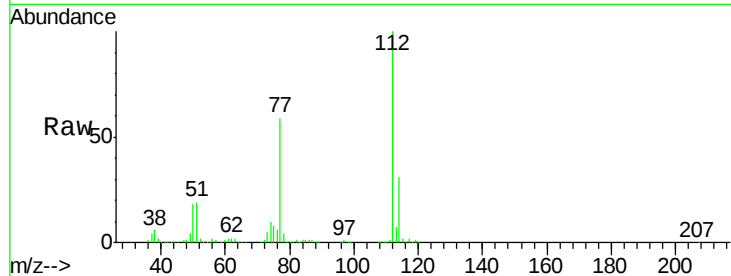




#65
Chlorobenzene
Concen: 50.581 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019355.D
Acq: 06 Nov 2020 20:13

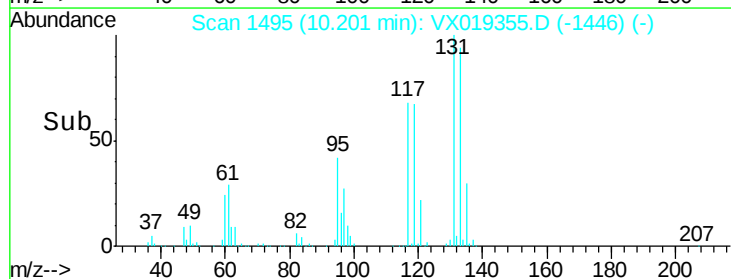
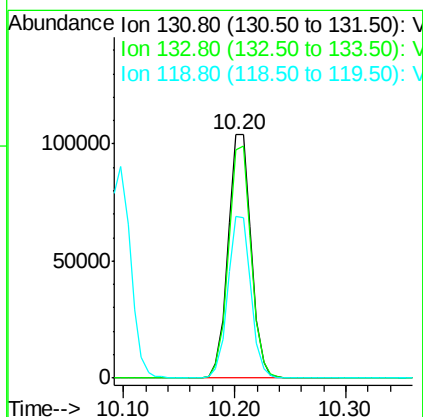
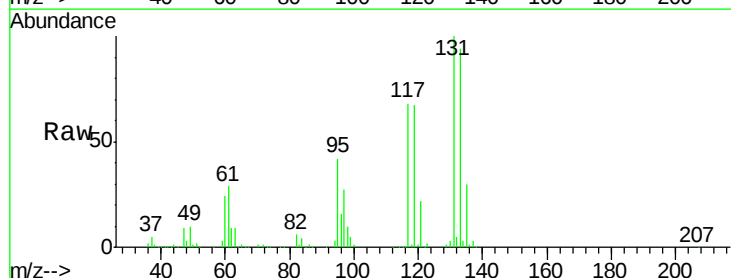
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

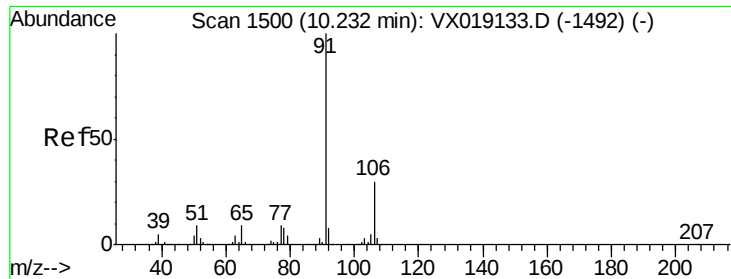
Tot Ion:112 Resp: 403712
Ion Ratio Lower Upper
112 100
114 30.6 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.662 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019355.D
Acq: 06 Nov 2020 20:13

Tgt Ion:131 Resp: 148443
Ion Ratio Lower Upper
131 100
133 94.2 47.3 141.8
119 65.9 32.3 96.9

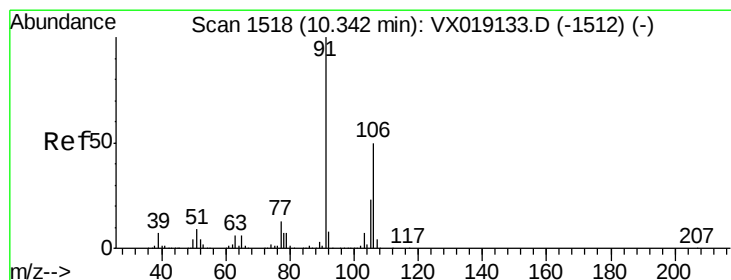
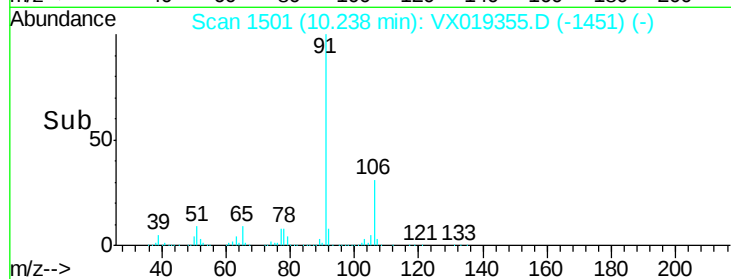
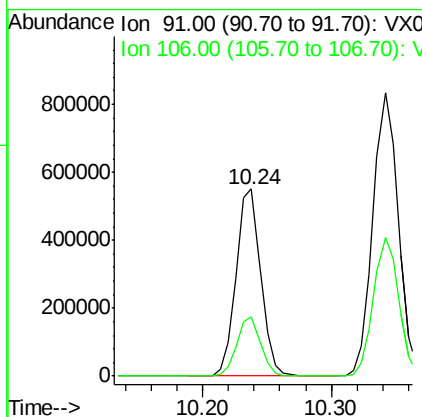
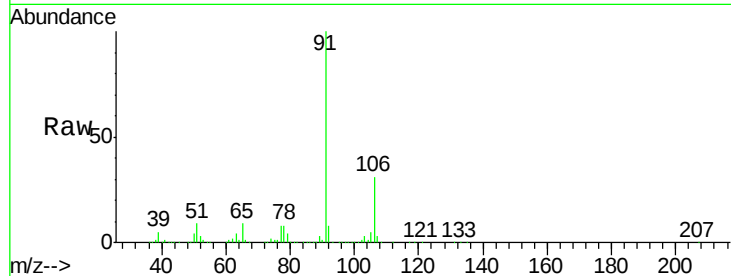




#67
Ethyl Benzene
Concen: 51.817 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX019355.D
Acq: 06 Nov 2020 20:13

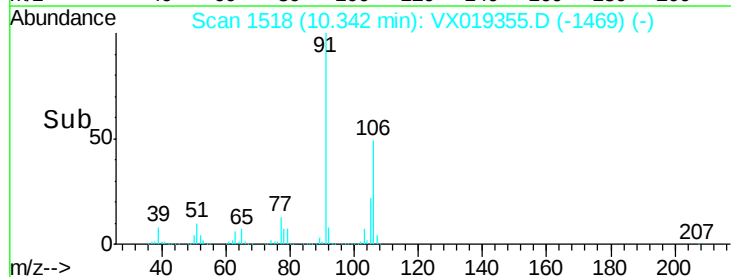
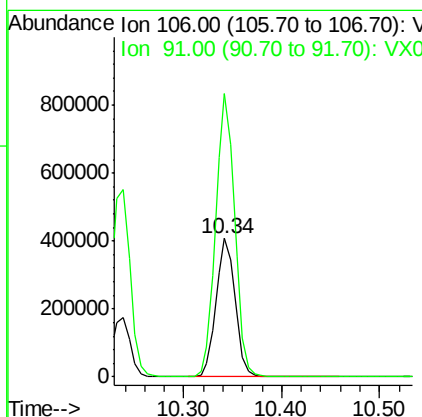
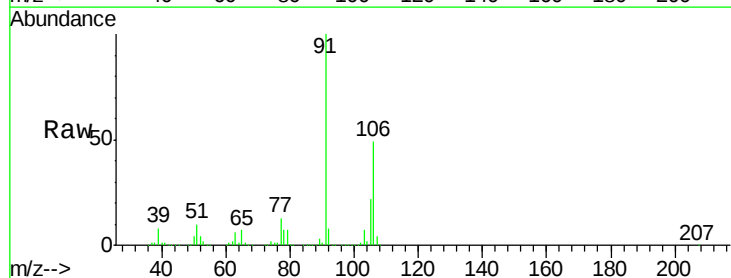
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

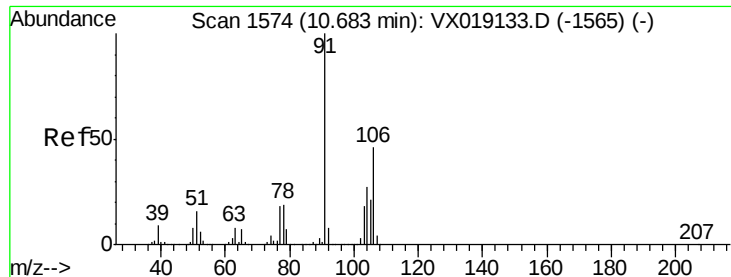
Tot Ion: 91 Resp: 736954
Ion Ratio Lower Upper
91 100
106 31.5 24.3 36.5



#68
m/p-Xylenes
Concen: 103.715 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019355.D
Acq: 06 Nov 2020 20:13

Tgt Ion: 106 Resp: 553617
Ion Ratio Lower Upper
106 100
91 203.9 161.0 241.4

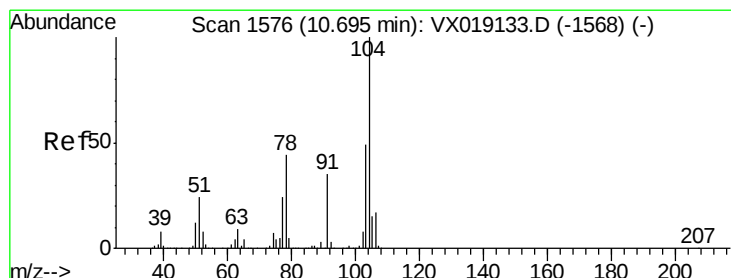
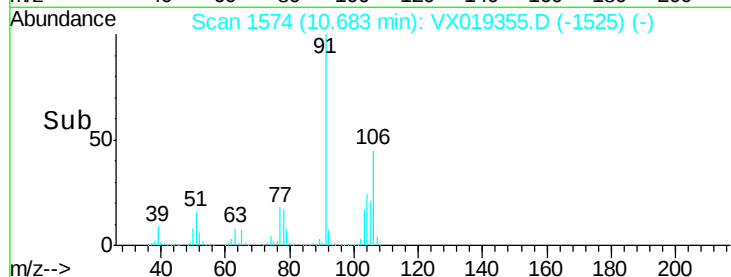
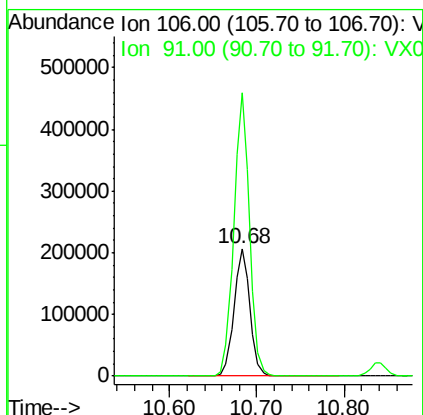
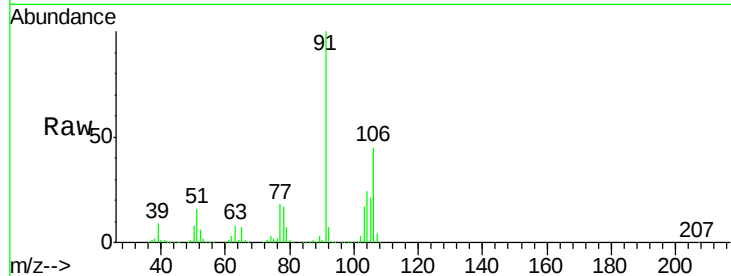




#69
o-Xylene
Concen: 52.136 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019355.D
Acq: 06 Nov 2020 20:13

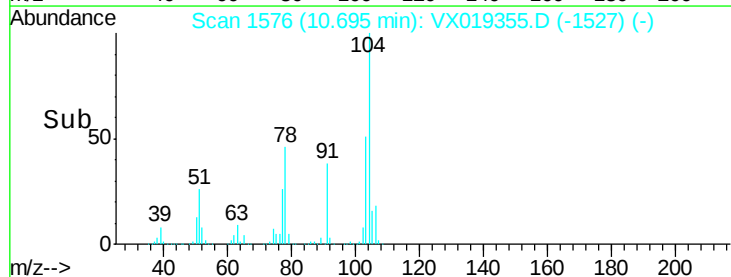
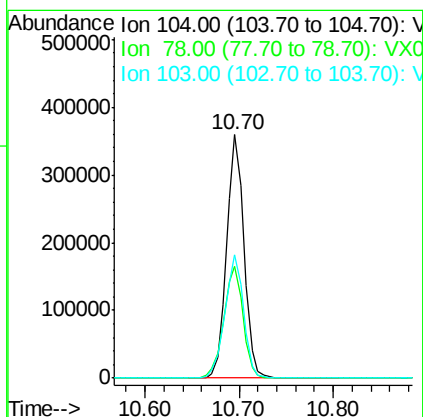
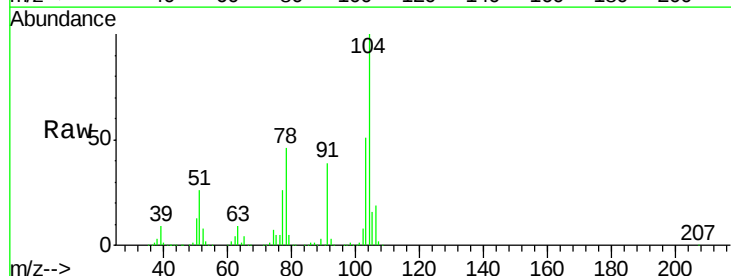
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

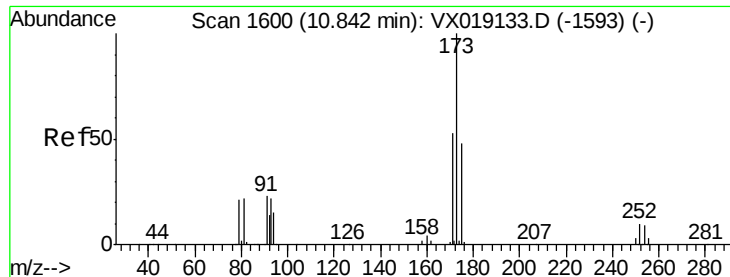
Tot Ion:106 Resp: 263963
Ion Ratio Lower Upper
106 100
91 218.8 108.3 324.8



#70
Styrene
Concen: 53.054 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019355.D
Acq: 06 Nov 2020 20:13

Tgt Ion:104 Resp: 458314
Ion Ratio Lower Upper
104 100
78 50.9 40.0 60.0
103 54.6 43.5 65.3





#71

Bromoform

Concen: 52.481 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

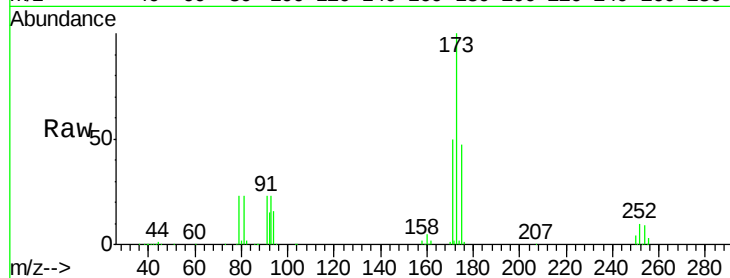
Tot Ion:173 Resp: 119560

Ion Ratio Lower Upper

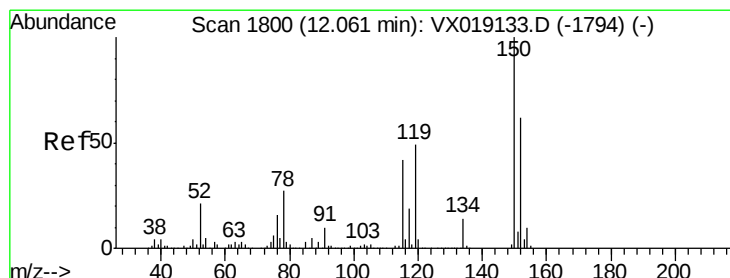
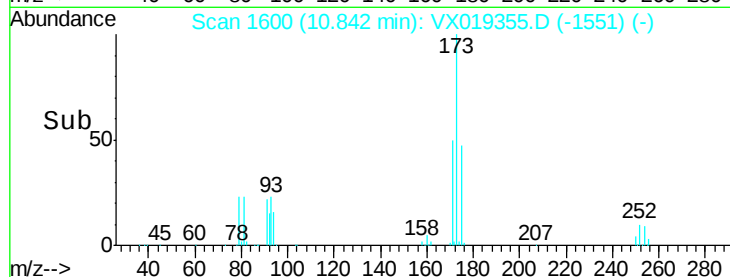
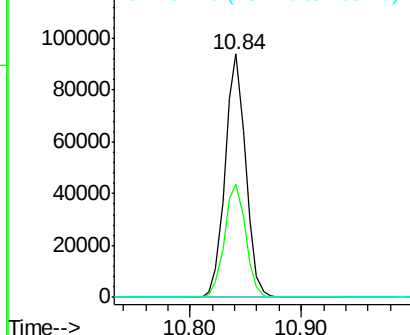
173 100

175 48.2 24.4 73.4

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: VX019355.D

Acq: 06 Nov 2020 20:13

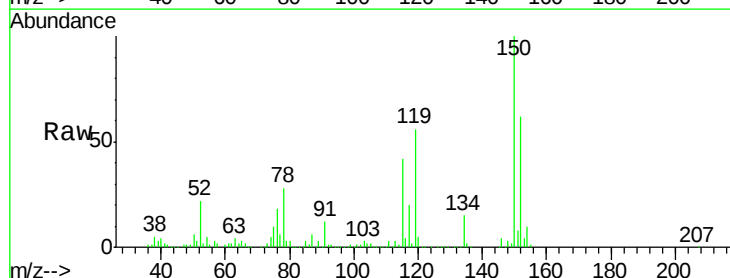
Tgt Ion:152 Resp: 201630

Ion Ratio Lower Upper

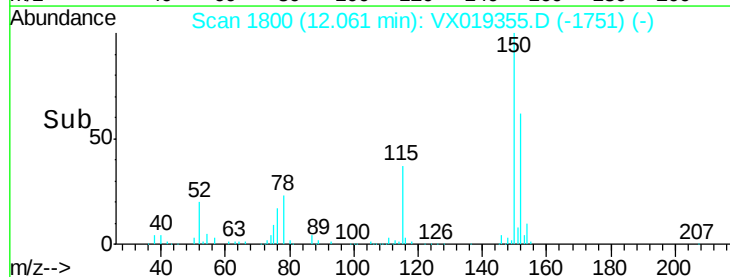
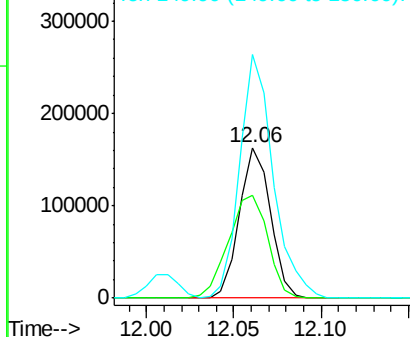
152 100

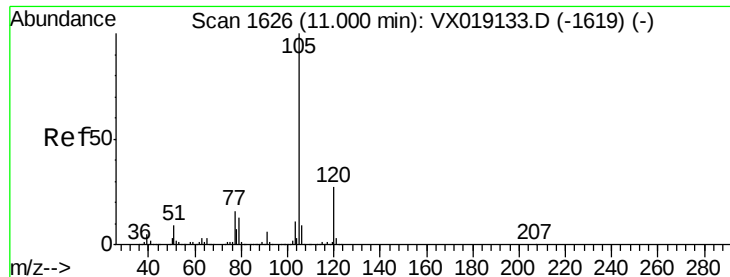
115 86.1 41.9 125.7

150 174.5 0.0 347.8



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: 50.468 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

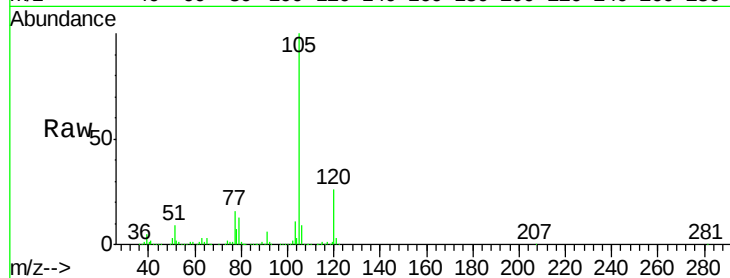
VSTDCCC050EC

Tot Ion:105 Resp: 720305

Ion Ratio Lower Upper

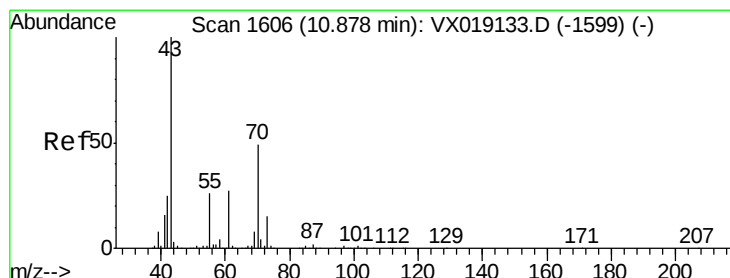
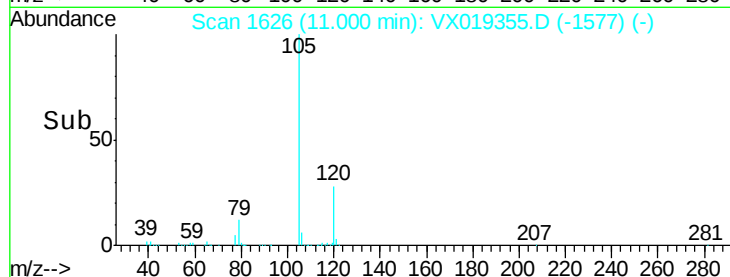
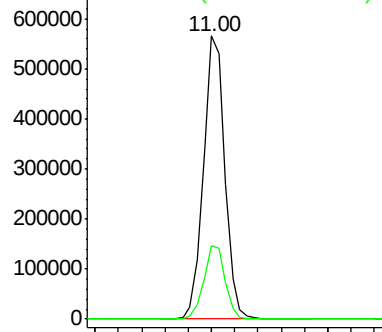
105 100

120 26.1 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.673 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Tgt Ion: 43 Resp: 290525

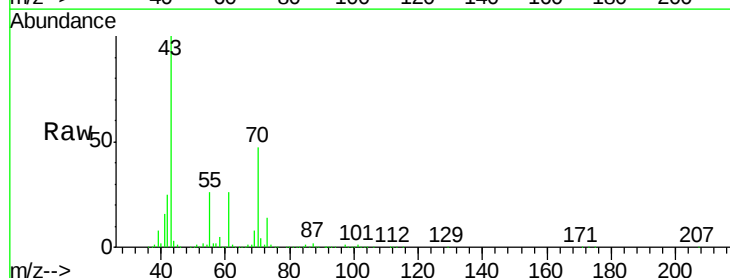
Ion Ratio Lower Upper

43 100

70 48.4 39.6 59.4

55 26.1 20.7 31.1

61 27.0 21.9 32.9

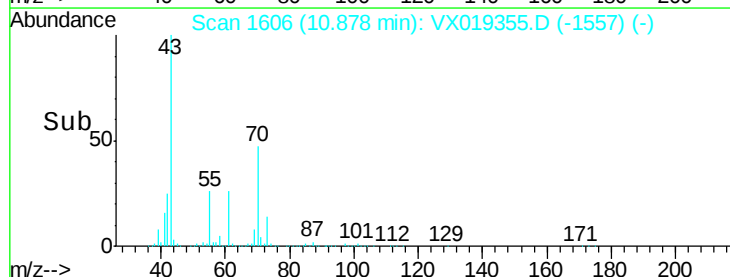
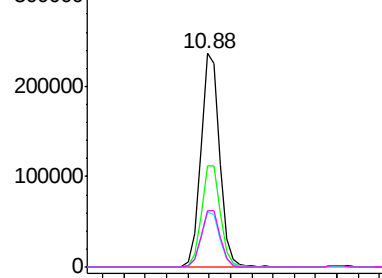


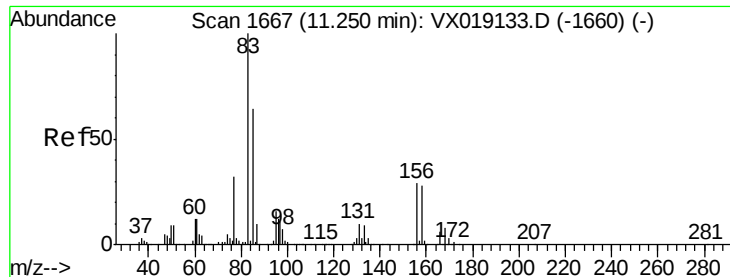
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 55.130 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

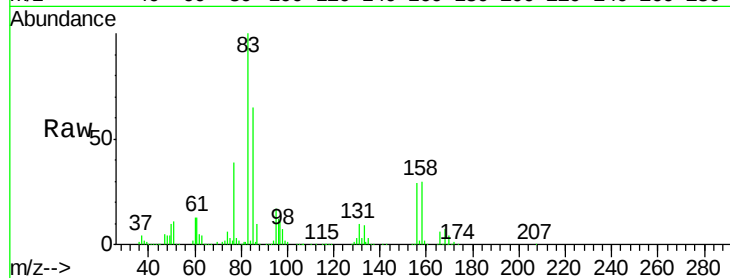
Tot Ion: 83 Resp: 245906

Ion Ratio Lower Upper

83 100

131 9.8 5.2 15.6

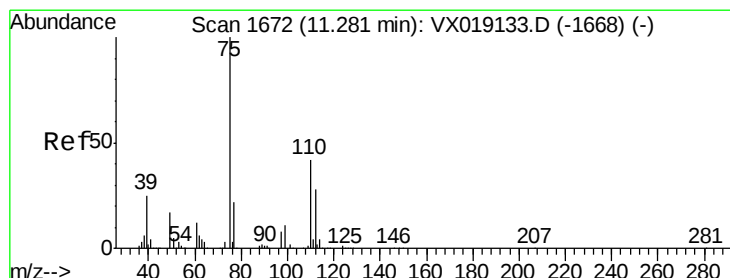
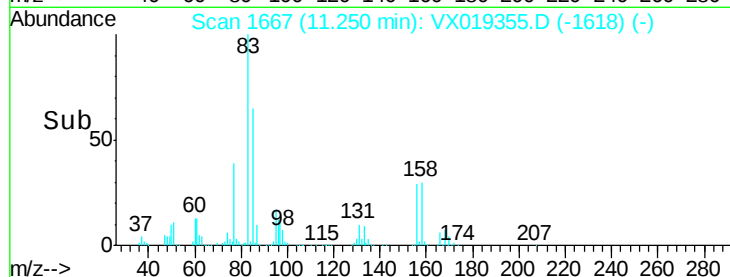
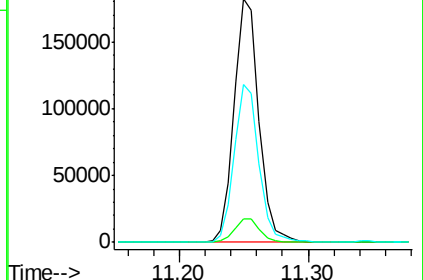
85 64.7 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 68.848 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019355.D

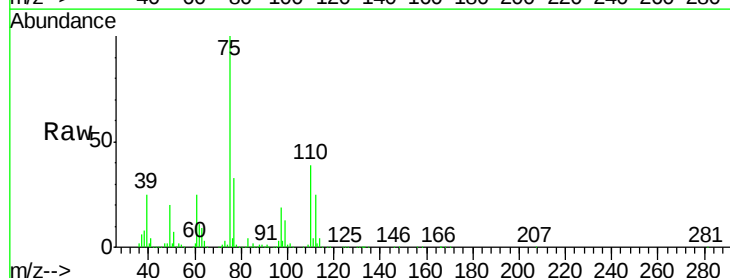
Acq: 06 Nov 2020 20:13

Tgt Ion: 75 Resp: 286629

Ion Ratio Lower Upper

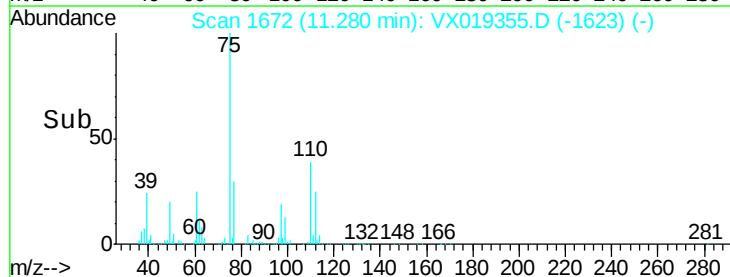
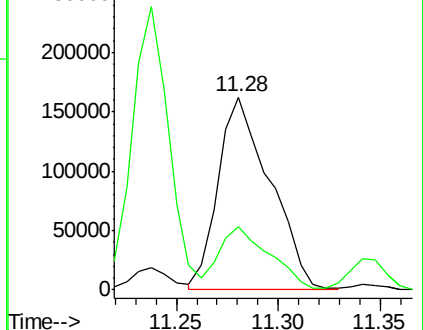
75 100

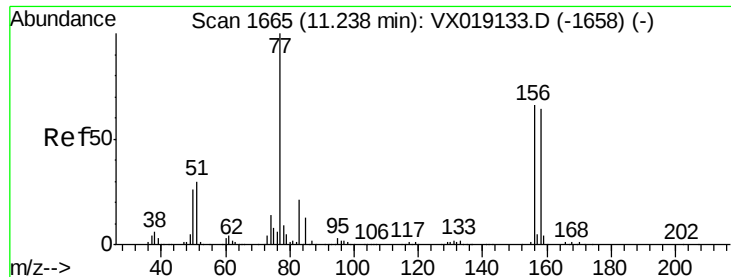
77 31.9 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.090 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

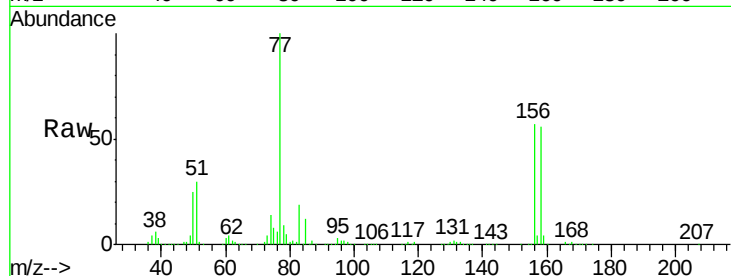
Tot Ion:156 Resp: 170346

Ion Ratio Lower Upper

156 100

77 175.2 77.7 233.1

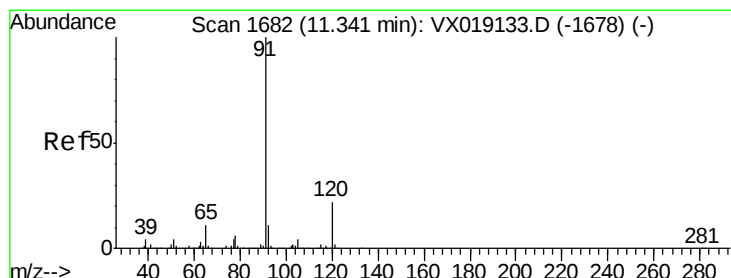
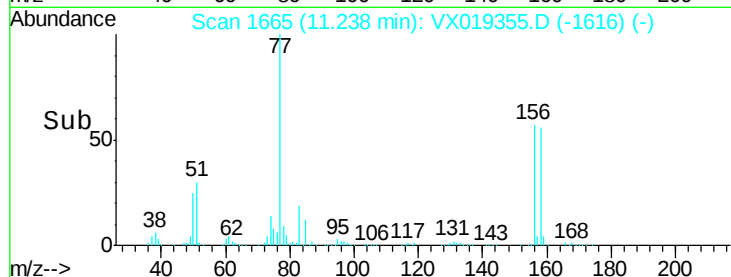
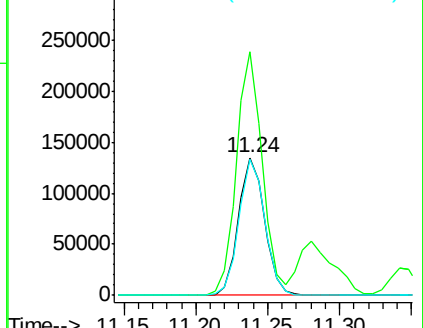
158 98.1 48.3 144.8



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: 51.213 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019355.D

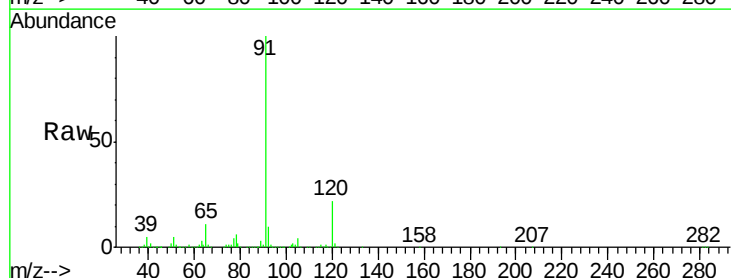
Acq: 06 Nov 2020 20:13

Tgt Ion: 91 Resp: 834385

Ion Ratio Lower Upper

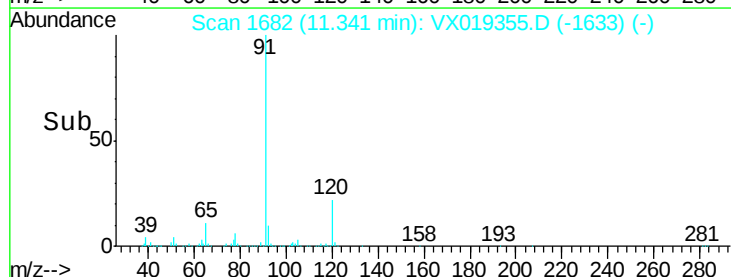
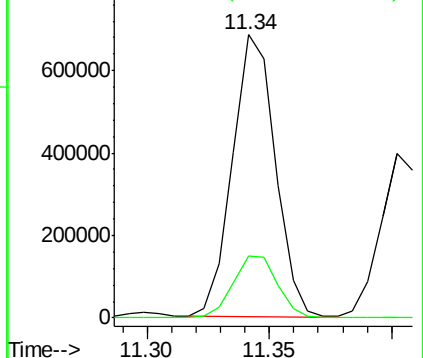
91 100

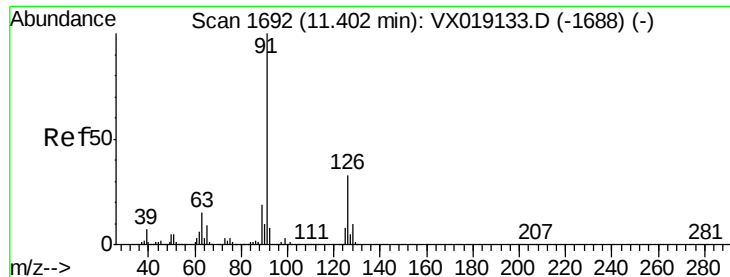
120 22.8 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

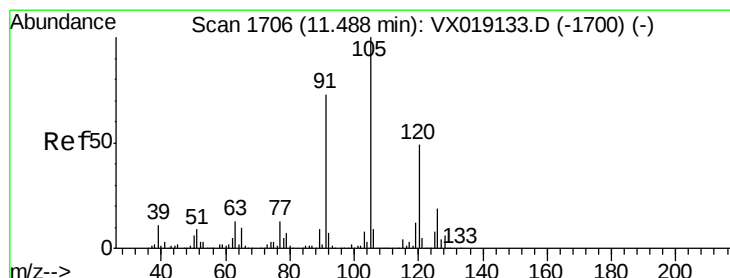
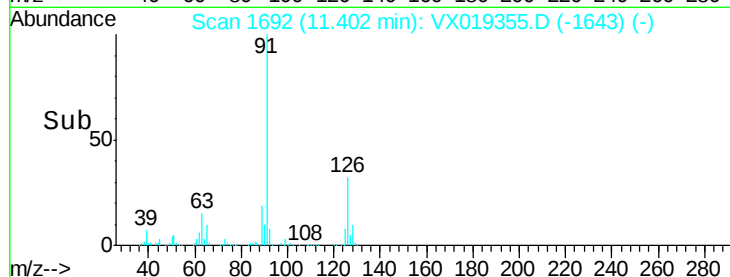
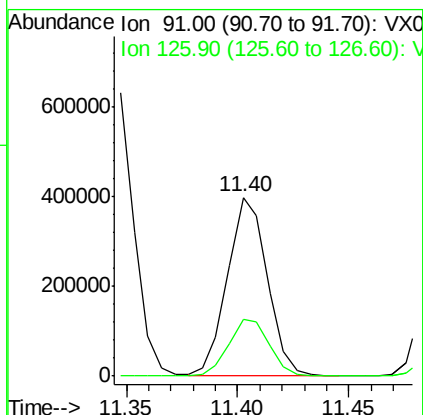
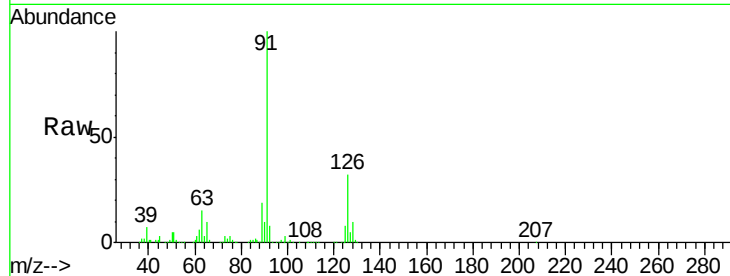




#79
 2-Chlorotoluene
 Concen: 51.613 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019355.D
 Acq: 06 Nov 2020 20:13

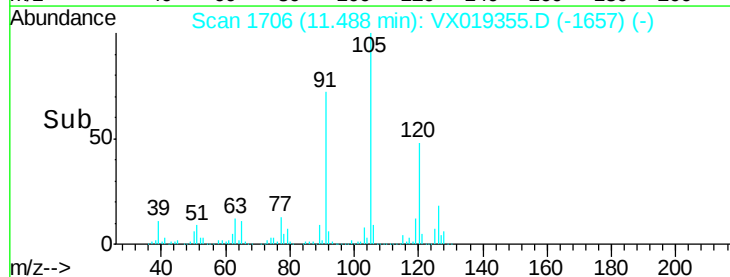
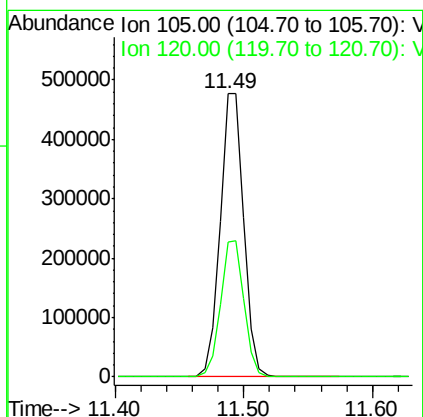
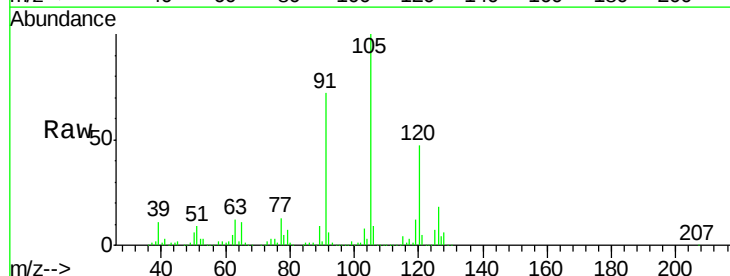
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

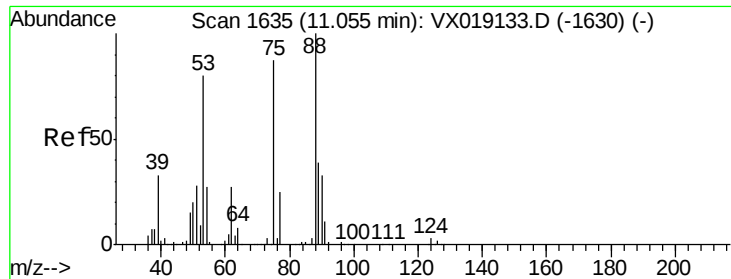
Tot Ion: 91 Resp: 495067
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 50.877 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019355.D
 Acq: 06 Nov 2020 20:13

Tgt Ion: 105 Resp: 613438
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.3 72.8

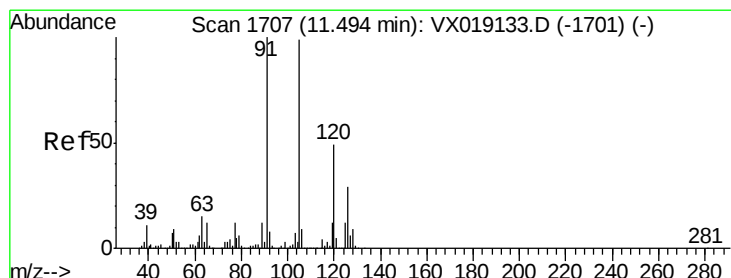
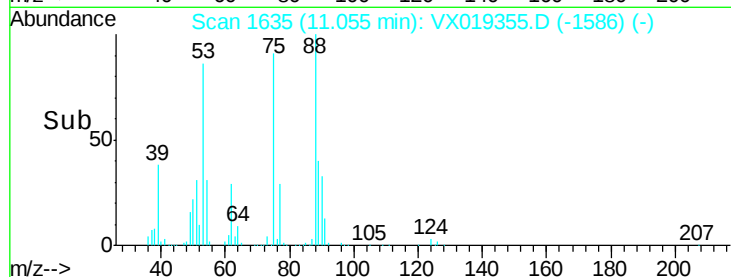
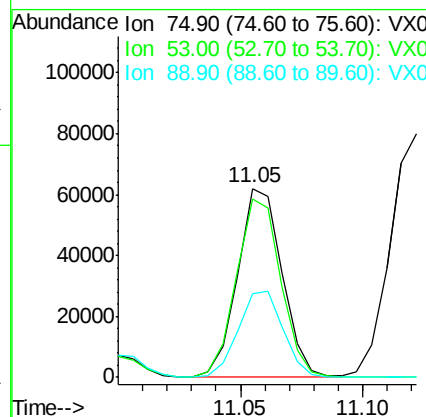
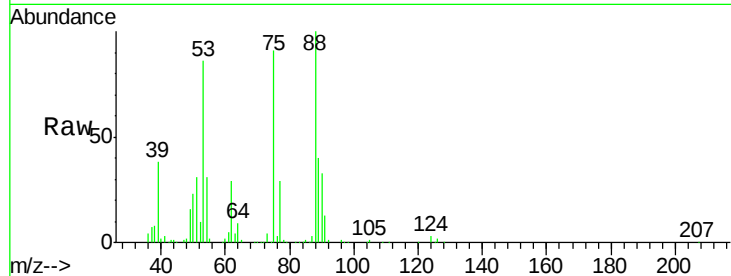




#81
trans-1,4-Dichloro-2-butene
Concen: 49.176 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019355.D
Acq: 06 Nov 2020 20:13

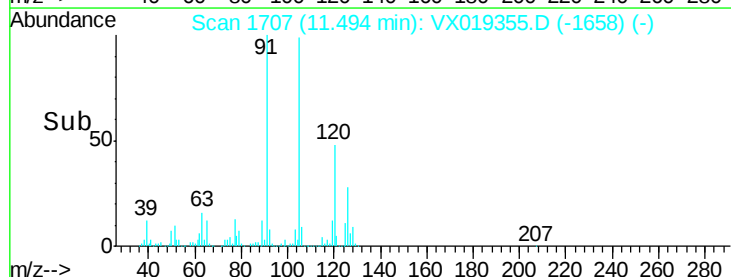
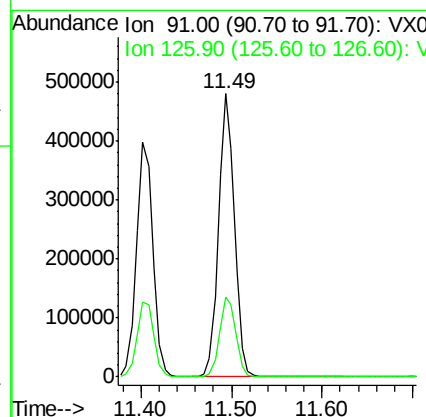
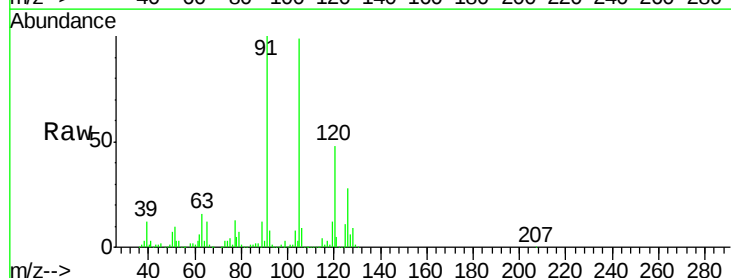
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

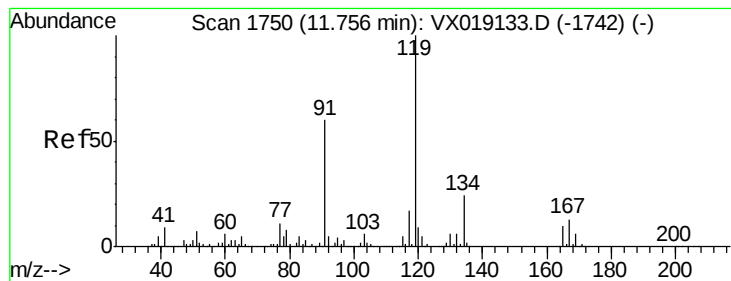
Tot Ion: 75 Resp: 77756
Ion Ratio Lower Upper
75 100
53 96.0 73.3 109.9
89 46.5 38.2 57.2



#82
4-Chlorotoluene
Concen: 50.722 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019355.D
Acq: 06 Nov 2020 20:13

Tgt Ion: 91 Resp: 594117
Ion Ratio Lower Upper
91 100
126 28.6 14.8 44.4





#83

tert-Butylbenzene

Concen: 51.435 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

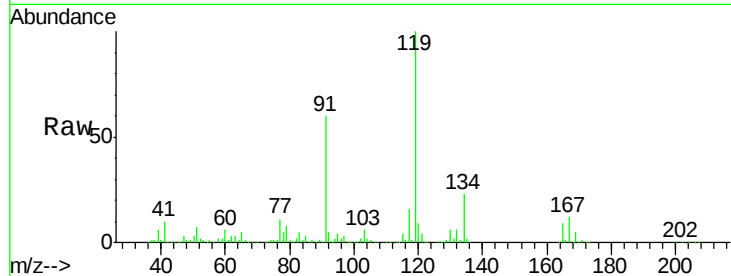
Tot Ion:119 Resp: 593805

Ion Ratio Lower Upper

119 100

91 59.0 29.0 87.1

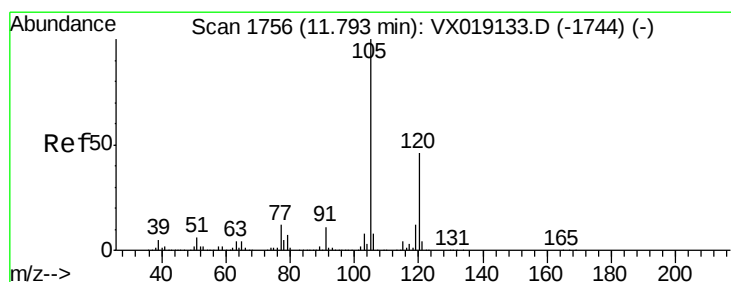
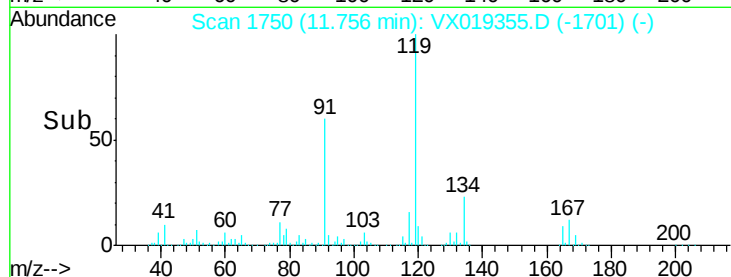
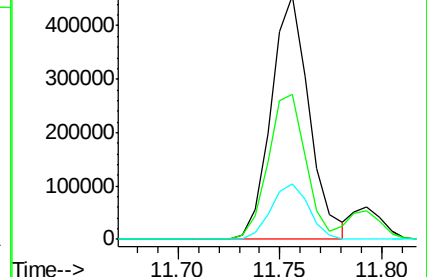
134 22.8 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.188 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX019355.D

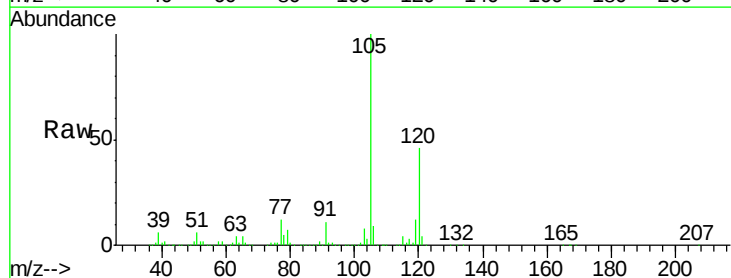
Acq: 06 Nov 2020 20:13

Tgt Ion:105 Resp: 623079

Ion Ratio Lower Upper

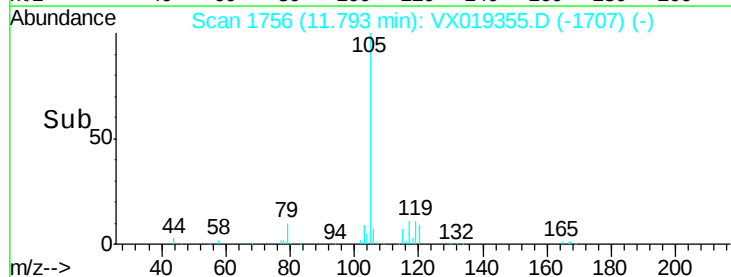
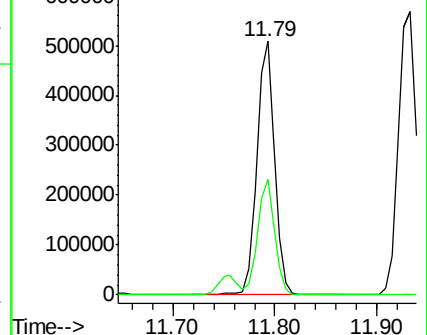
105 100

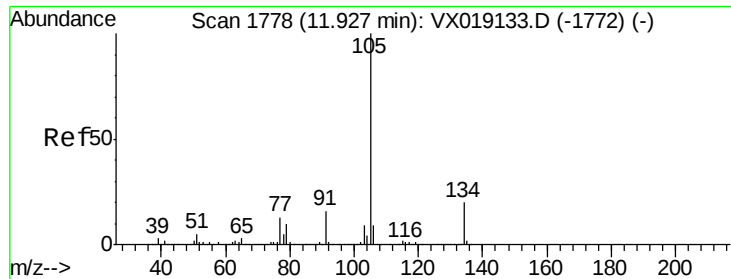
120 44.1 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

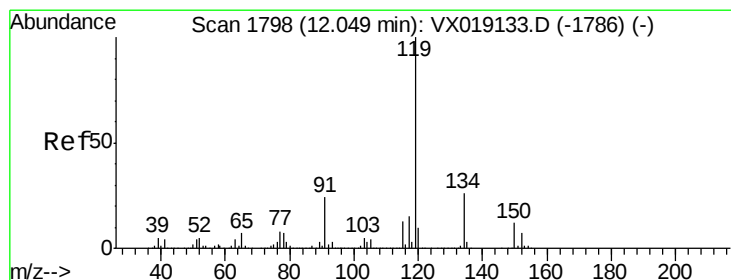
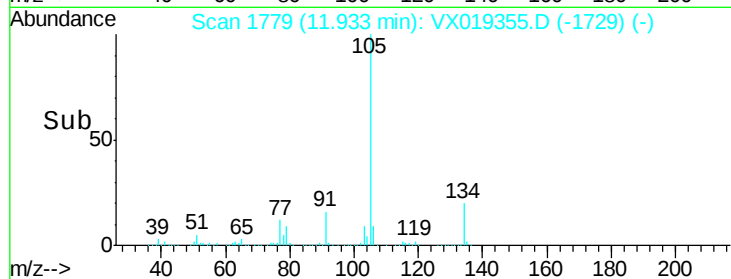
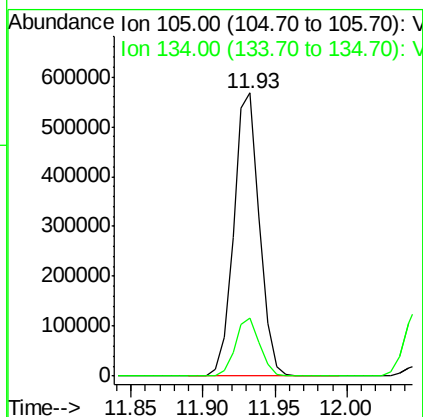
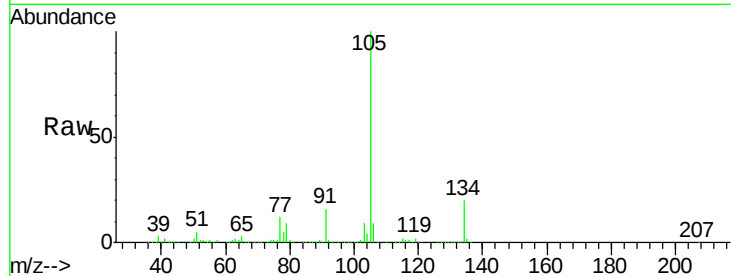




#85
 sec-Butylbenzene
 Concen: 50.832 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX019355.D
 Acq: 06 Nov 2020 20:13

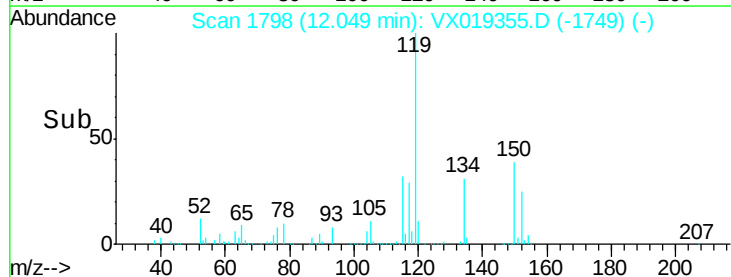
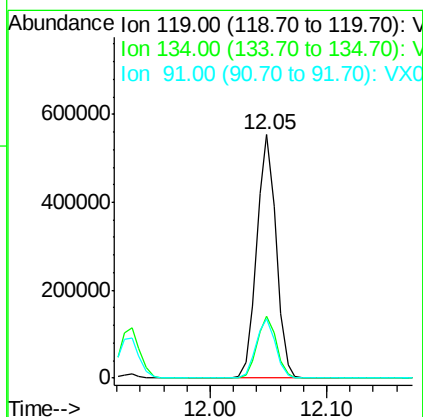
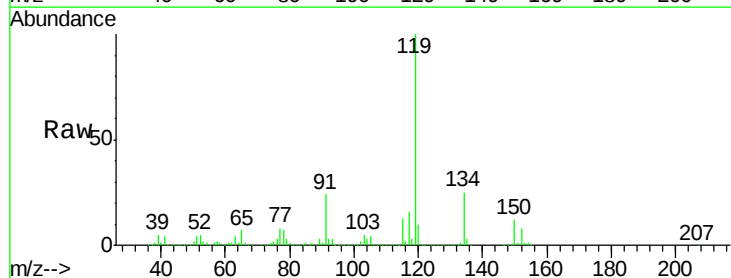
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

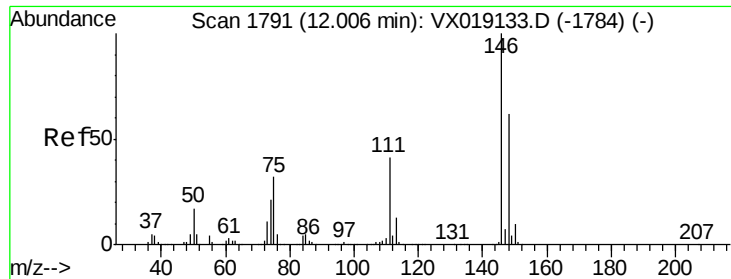
Tot Ion:105 Resp: 703847
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 50.338 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019355.D
 Acq: 06 Nov 2020 20:13

Tgt Ion:119 Resp: 643331
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.7
 91 24.5 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 49.533 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

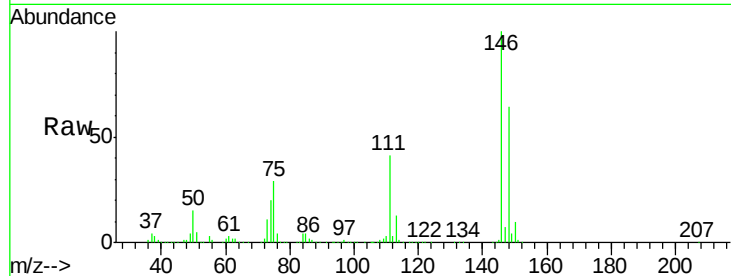
Tot Ion:146 Resp: 326751

Ion Ratio Lower Upper

146 100

111 41.7 20.4 61.2

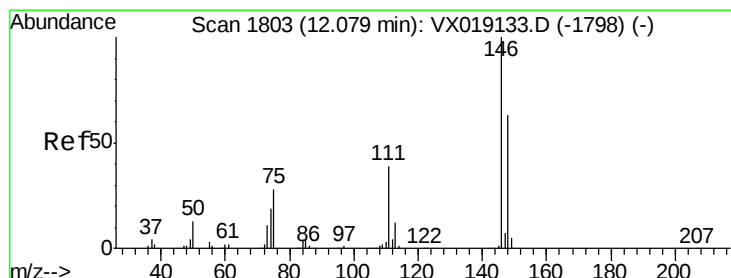
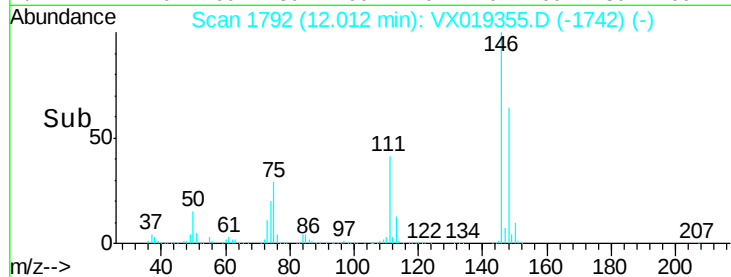
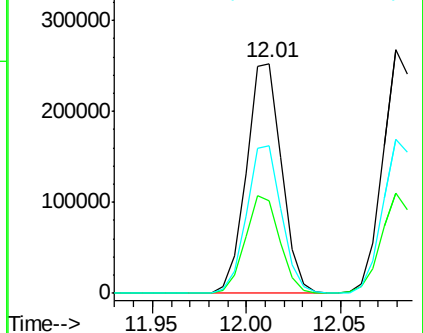
148 63.7 31.6 94.8



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: 47.934 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

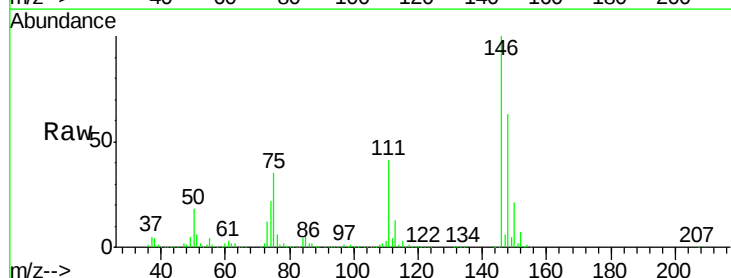
Tgt Ion:146 Resp: 329147

Ion Ratio Lower Upper

146 100

111 41.0 20.2 60.5

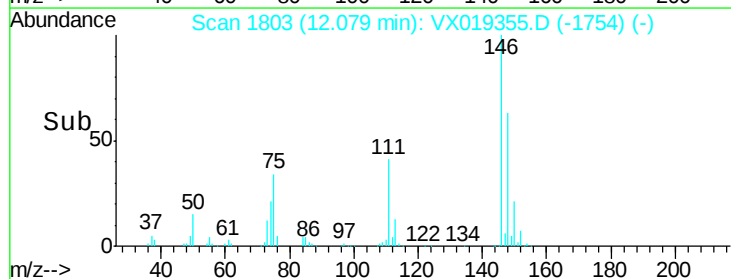
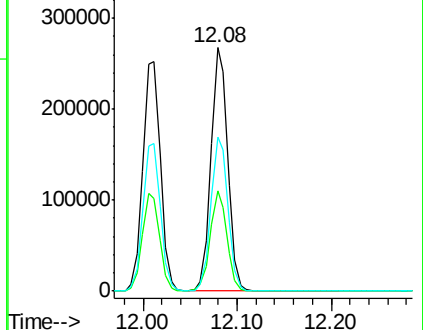
148 64.1 31.3 93.8

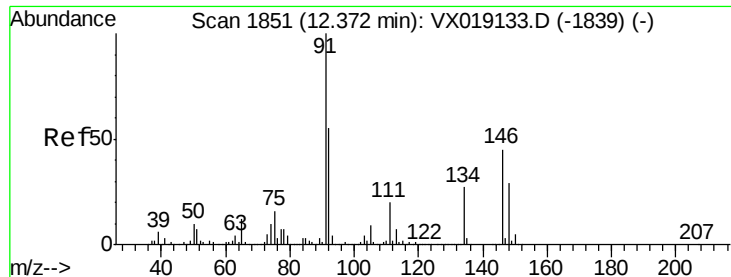


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 49.347 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

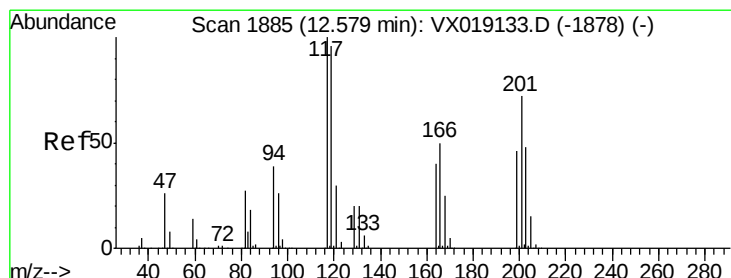
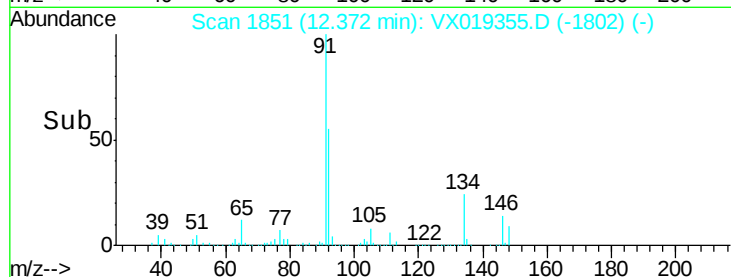
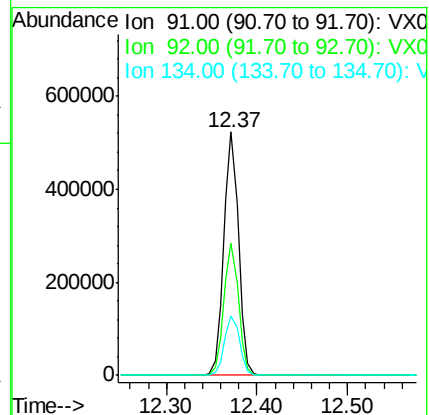
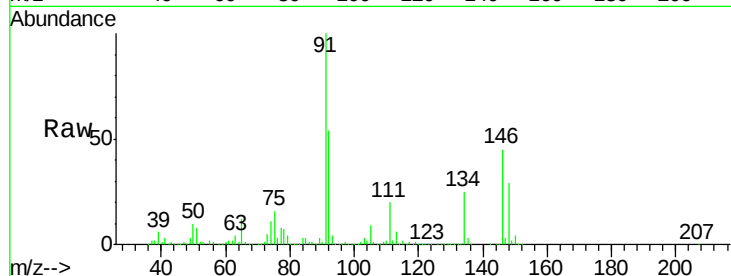
Tot Ion: 91 Resp: 592805

Ion Ratio Lower Upper

91 100

92 54.5 27.5 82.4

134 25.1 13.2 39.6



#90

Hexachloroethane

Concen: 51.783 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX019355.D

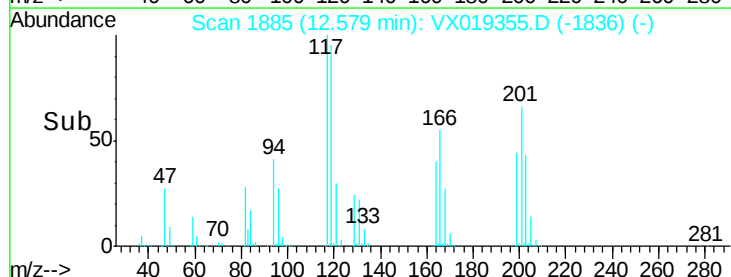
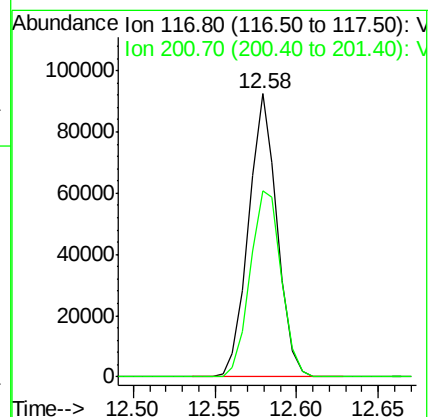
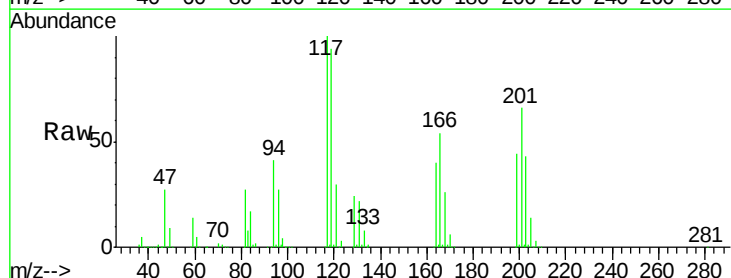
Acq: 06 Nov 2020 20:13

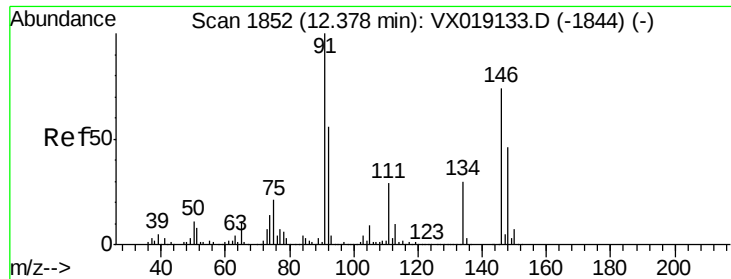
Tgt Ion: 117 Resp: 112488

Ion Ratio Lower Upper

117 100

201 71.9 38.5 115.3





#91

1,2-Dichlorobenzene

Concen: 50.455 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

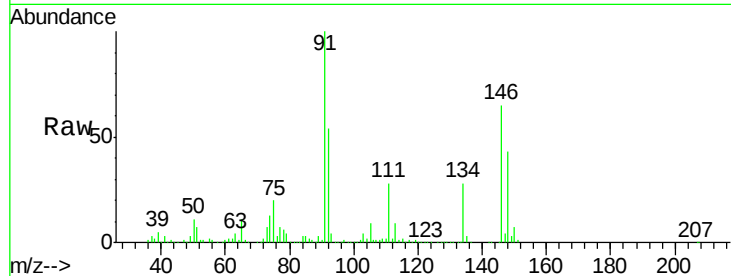
Tot Ion:146 Resp: 319592

Ion Ratio Lower Upper

146 100

111 43.7 21.2 63.6

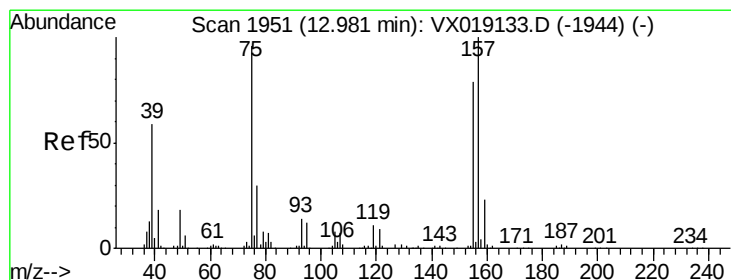
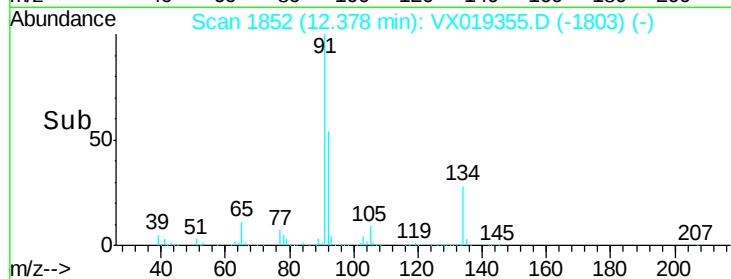
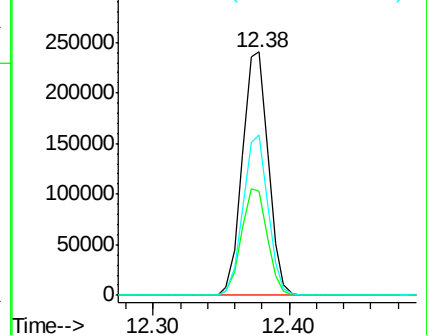
148 63.4 31.6 94.7



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: 51.037 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

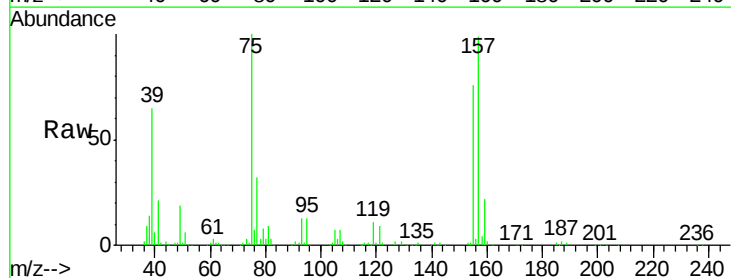
Tgt Ion: 75 Resp: 55729

Ion Ratio Lower Upper

75 100

155 81.5 42.8 128.4

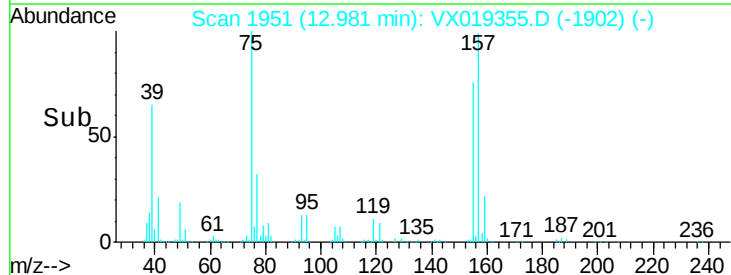
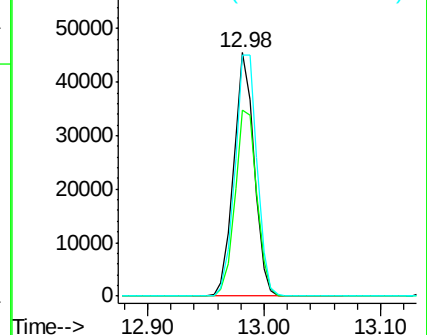
157 107.0 54.8 164.4

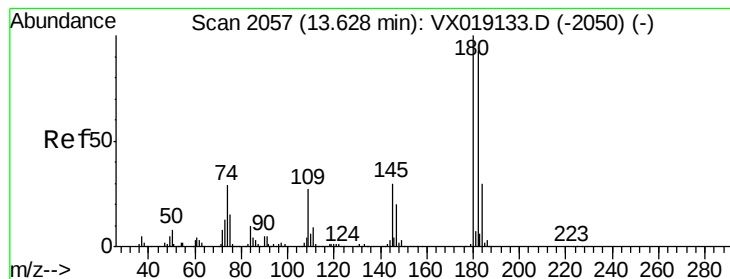


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 44.605 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

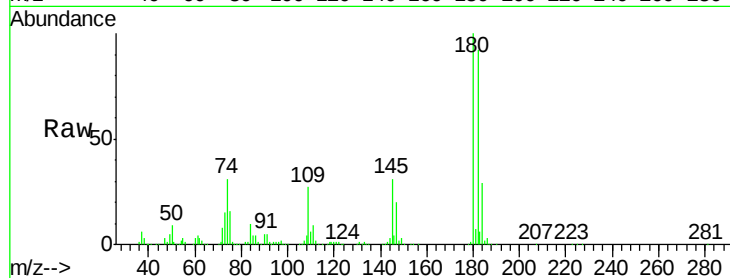
Tot Ion:180 Resp: 212223

Ion Ratio Lower Upper

180 100

182 91.2 46.8 140.3

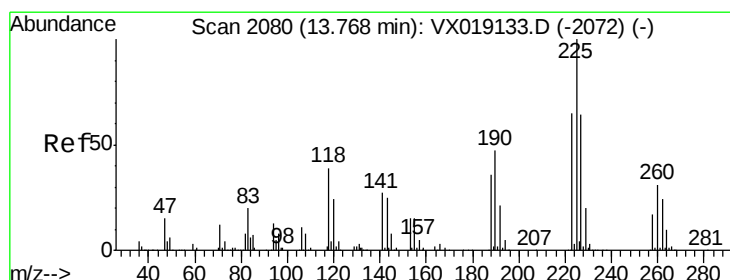
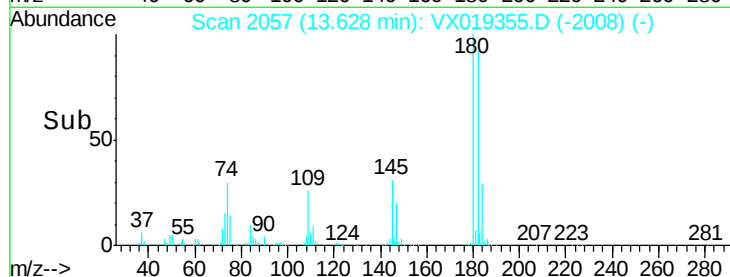
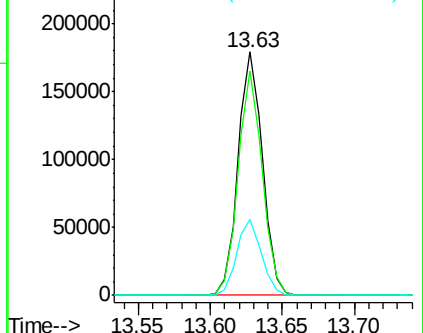
145 31.4 15.5 46.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 39.266 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

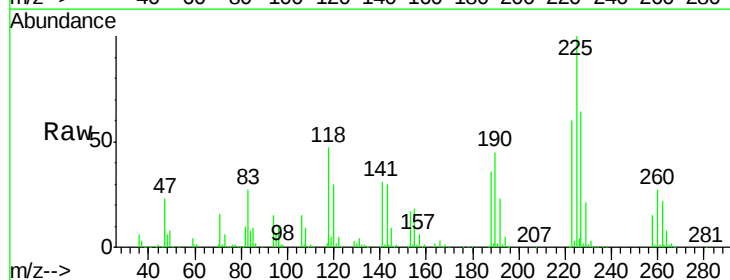
Tgt Ion:225 Resp: 82240

Ion Ratio Lower Upper

225 100

223 63.7 32.4 97.2

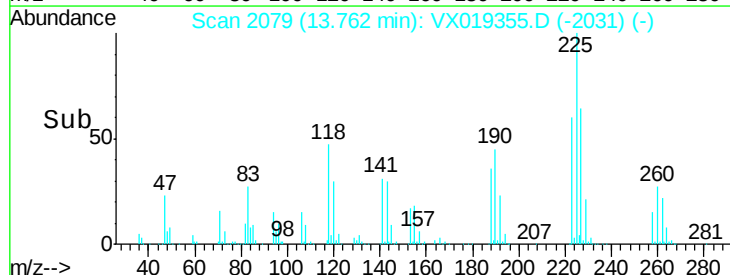
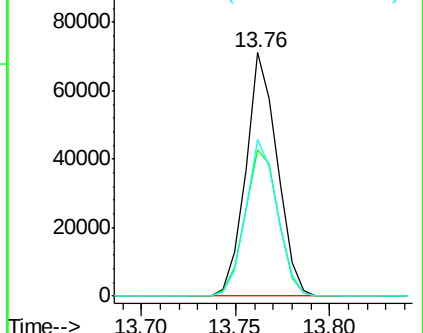
227 64.5 31.6 94.7

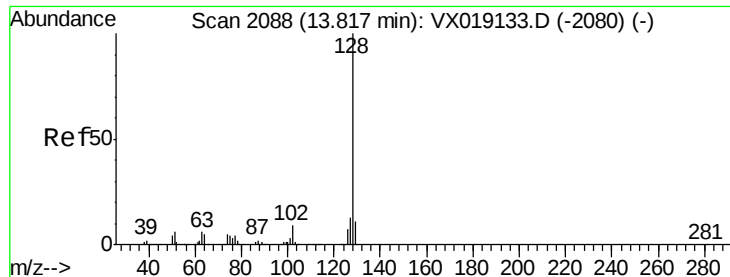


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 47.983 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

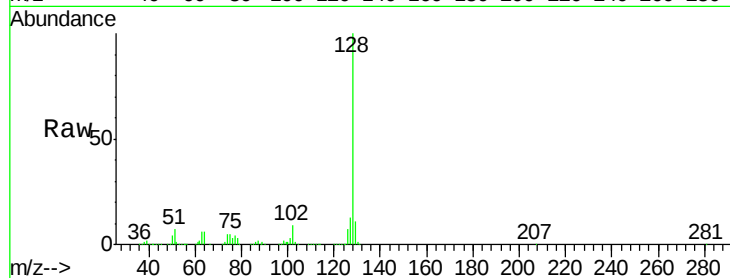
Tot Ion:128 Resp: 719031

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

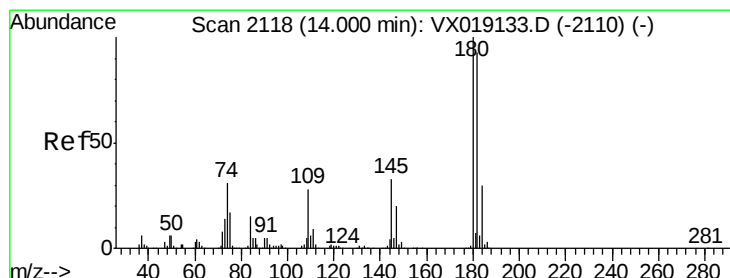
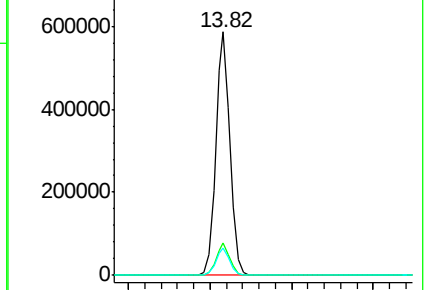
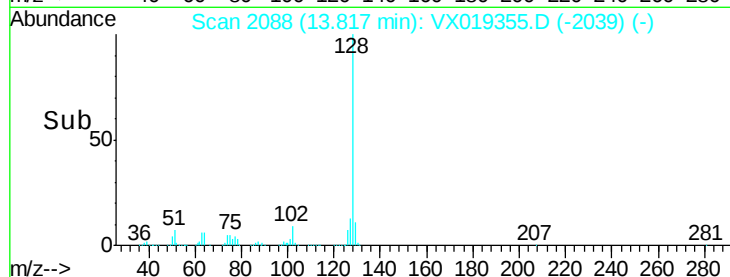
129 10.9 8.6 13.0



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: 44.018 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019355.D

Acq: 06 Nov 2020 20:13

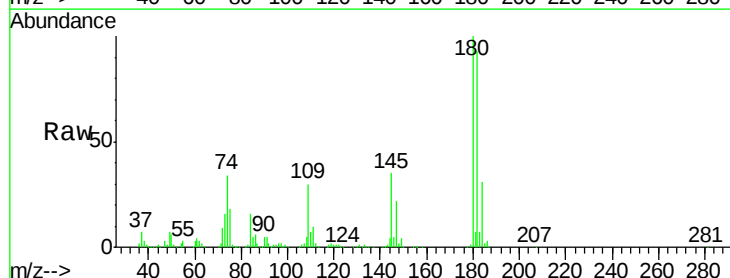
Tgt Ion:180 Resp: 203172

Ion Ratio Lower Upper

180 100

182 95.8 47.8 143.3

145 34.8 16.5 49.5



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

