

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110620\
 Data File : VX019275.D
 Acq On : 04 Nov 2020 17:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 05 02:21:43 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	261118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	416473	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	384944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	197433	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	163861	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
35) Dibromofluoromethane	5.46	113	130207	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	8.70	98	495078	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	11.12	95	186406	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	111914	51.411	ug/l	100
3) Chloromethane	1.31	50	128698	52.919	ug/l	99
4) Vinyl Chloride	1.39	62	149779	53.106	ug/l	100
5) Bromomethane	1.63	94	99838	51.834	ug/l	98
6) Chloroethane	1.71	64	98068	54.459	ug/l	95
7) Trichlorofluoromethane	1.92	101	233281	52.648	ug/l	97
8) Diethyl Ether	2.17	74	91723	53.938	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	130873	53.288	ug/l	99
10) Methyl Iodide	2.49	142	141660	49.011	ug/l	99
11) Tert butyl alcohol	3.01	59	163062	245.163	ug/l	99
12) 1,1-Dichloroethene	2.36	96	127200	50.261	ug/l	99
13) Acrolein	2.27	56	91657	306.905	ug/l	99
14) Allyl chloride	2.70	41	206402	53.845	ug/l	98
15) Acrylonitrile	3.11	53	376068	269.072	ug/l	100
16) Acetone	2.42	43	311396	268.049	ug/l	100
17) Carbon Disulfide	2.55	76	354081	49.097	ug/l	100
18) Methyl Acetate	2.75	43	151640	53.679	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	465177	53.049	ug/l	99
20) Methylene Chloride	2.83	84	147932	50.722	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	145885	50.086	ug/l	95
22) Diisopropyl ether	3.82	45	429701	56.229	ug/l	95
23) Vinyl Acetate	3.78	43	1896030	278.219	ug/l	99
24) 1,1-Dichloroethane	3.67	63	259204	54.324	ug/l	99
25) 2-Butanone	4.63	43	501040	273.664	ug/l	96
26) 2,2-Dichloropropane	4.55	77	240357	53.584	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	168083	51.642	ug/l	97
28) Bromochloromethane	4.98	49	113217	52.194	ug/l	93
29) Tetrahydrofuran	5.09	42	317879	275.507	ug/l	97
30) Chloroform	5.17	83	270902	53.340	ug/l	99
31) Cyclohexane	5.55	56	226822	53.286	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	246658	53.568	ug/l	99
36) 1,1-Dichloropropene	5.77	75	206392	53.667	ug/l	99
37) Ethyl Acetate	4.79	43	197825	55.402	ug/l	99
38) Carbon Tetrachloride	5.75	117	209141	53.352	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	254801	55.410	ug/l	98
40) Benzene	6.11	78	601610	55.173	ug/l	99
41) Methacrylonitrile	5.00	41	105321	54.770	ug/l	99
42) 1,2-Dichloroethane	6.16	62	219019	54.500	ug/l	100
43) Isopropyl Acetate	6.41	43	327673	54.805	ug/l	99
44) Trichloroethene	7.18	130	163473	52.347	ug/l	95
45) 1,2-Dichloropropane	7.49	63	151102	56.576	ug/l	100
46) Dibromomethane	7.63	93	105311	53.323	ug/l	97
47) Bromodichloromethane	7.87	83	215942	55.473	ug/l	98
48) Methyl methacrylate	7.74	41	160869	55.901	ug/l	98
49) 1,4-Dioxane	7.73	88	69128	1080.170	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	988673	287.706	ug/l	99
52) Toluene	8.76	92	382704	54.494	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	239156	53.788	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	258074	55.197	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	151929	54.752	ug/l	98
56) Ethyl methacrylate	9.16	69	232256	55.414	ug/l	98
57) 1,3-Dichloropropane	9.35	76	256012	54.722	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	626038	267.079	ug/l	97
59) 2-Hexanone	9.47	43	765470	292.631	ug/l	99
60) Dibromochloromethane	9.56	129	163000	54.127	ug/l	99
61) 1,2-Dibromoethane	9.65	107	156690	52.806	ug/l	99
64) Tetrachloroethene	9.32	164	151362	51.609	ug/l	96
65) Chlorobenzene	10.12	112	398918	50.702	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	147901	52.216	ug/l	99
67) Ethyl Benzene	10.23	91	736904	52.561	ug/l	99
68) m/p-Xylenes	10.34	106	552573	105.014	ug/l	97
69) o-Xylene	10.68	106	264074	52.911	ug/l	100
70) Styrene	10.70	104	451889	53.066	ug/l	99
71) Bromoform	10.84	173	112673	50.172	ug/l #	99
73) Isopropylbenzene	11.00	105	718932	51.443	ug/l	99
74) N-amyl acetate	10.88	43	273425	53.510	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	229584	52.565	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	273610	67.118	ug/l	86
77) Bromobenzene	11.24	156	170549	49.171	ug/l	93
78) n-propylbenzene	11.34	91	854093	53.537	ug/l	98
79) 2-Chlorotoluene	11.40	91	488258	51.985	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	616256	52.197	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	78528	50.720	ug/l	97
82) 4-Chlorotoluene	11.49	91	592233	51.636	ug/l	99
83) tert-Butylbenzene	11.76	119	577693	51.103	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	620993	52.101	ug/l	100
85) sec-Butylbenzene	11.93	105	721894	53.244	ug/l	100
86) p-Isopropyltoluene	12.05	119	669610	53.508	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	322539	49.934	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	327193	48.662	ug/l	98
89) n-Butylbenzene	12.37	91	631849	53.715	ug/l	99
90) Hexachloroethane	12.58	117	111505	52.421	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	306934	49.486	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	53860	50.374	ug/l	95

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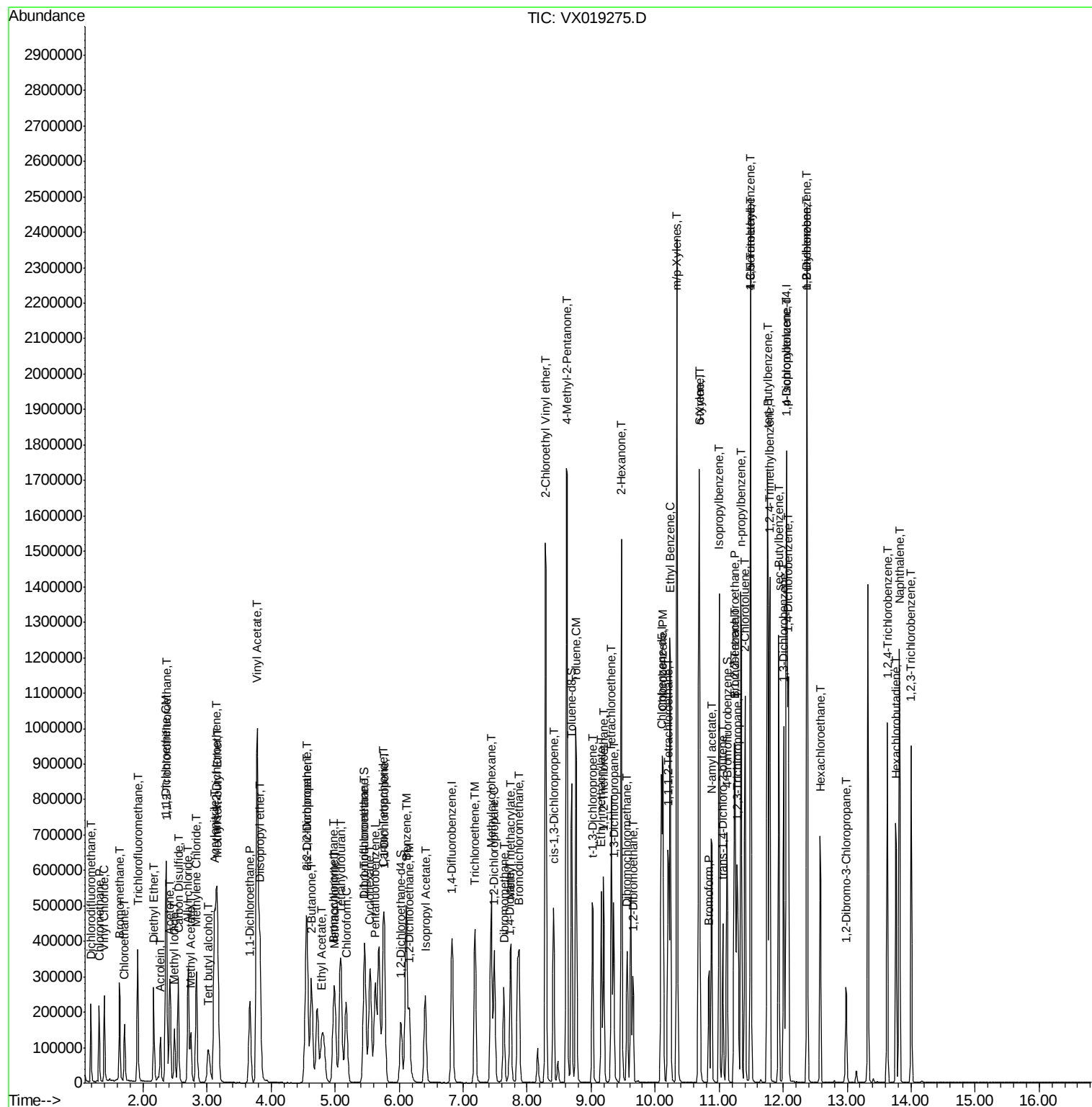
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	223442	47.961	ug/l	98
94) Hexachlorobutadiene	13.77	225	98021	47.796	ug/l	98
95) Naphthalene	13.82	128	732117	49.895	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	215040	47.580	ug/l	99

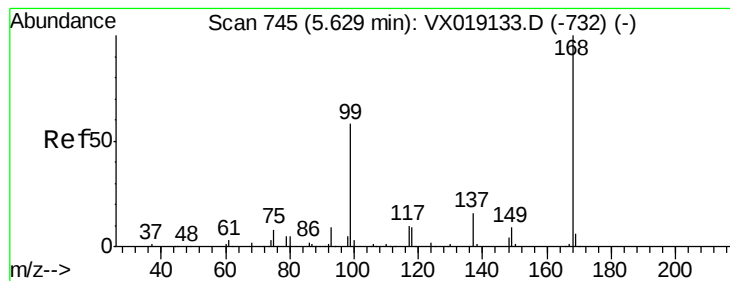
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

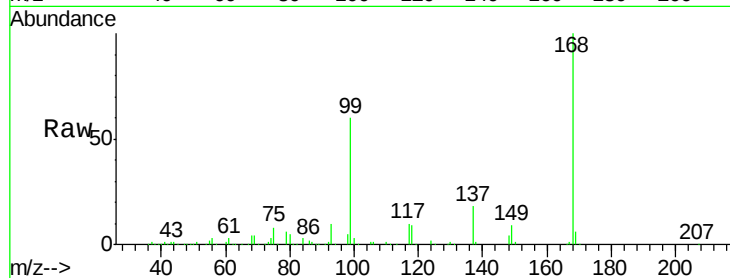
VSTDCCC050

Tot Ion:168 Resp: 261118

Ion Ratio Lower Upper

168 100

99 60.0 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

100000

80000

60000

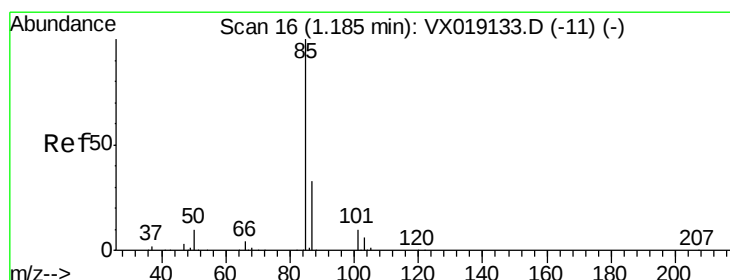
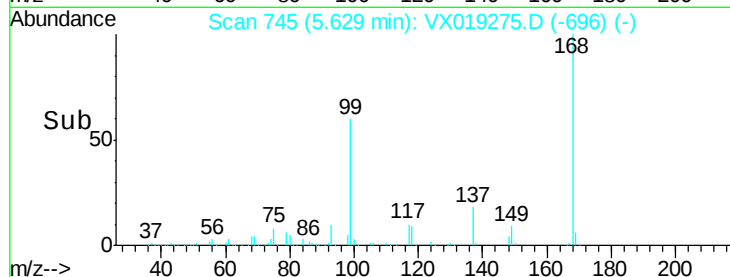
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 51.411 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019275.D

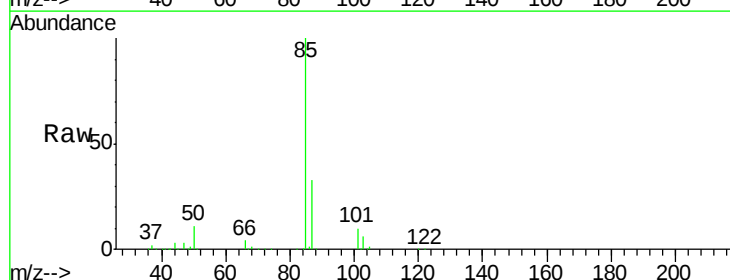
Acq: 04 Nov 2020 17:18

Tgt Ion: 85 Resp: 111914

Ion Ratio Lower Upper

85 100

87 32.9 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

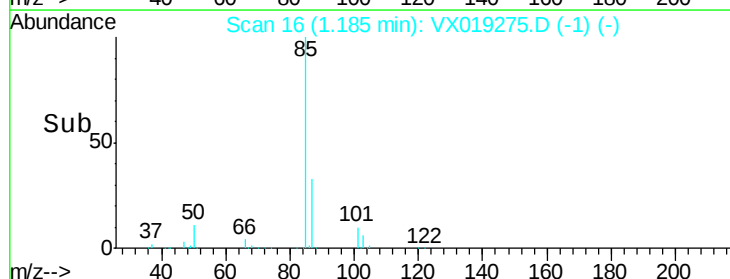
100000

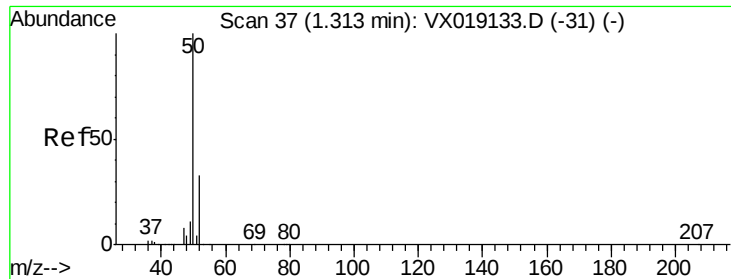
50000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 52.919 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

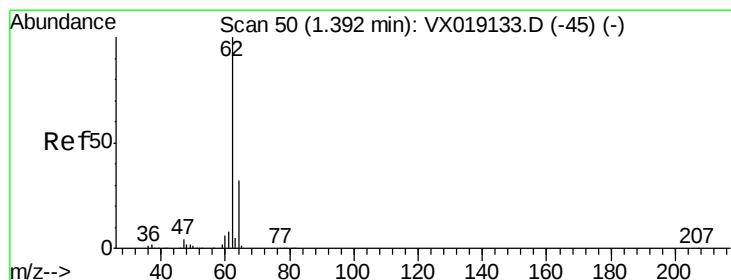
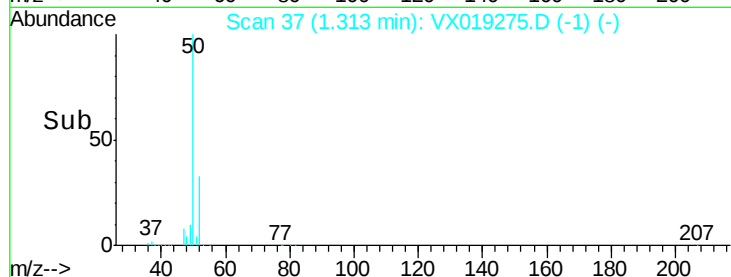
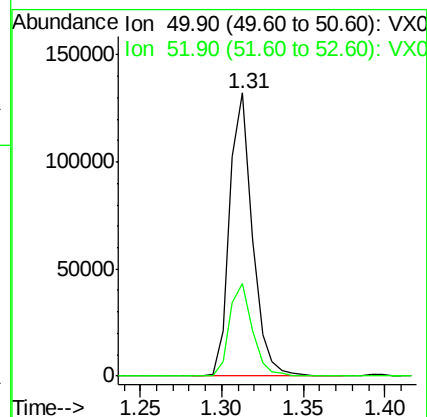
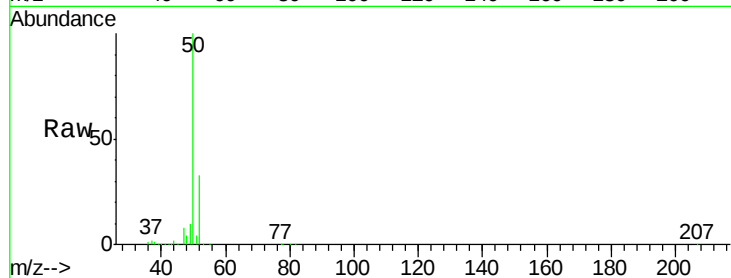
VSTDCCC050

Tot Ion: 50 Resp: 128698

Ion Ratio Lower Upper

50 100

52 32.8 26.8 40.2



#4

Vinyl Chloride

Concen: 53.106 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019275.D

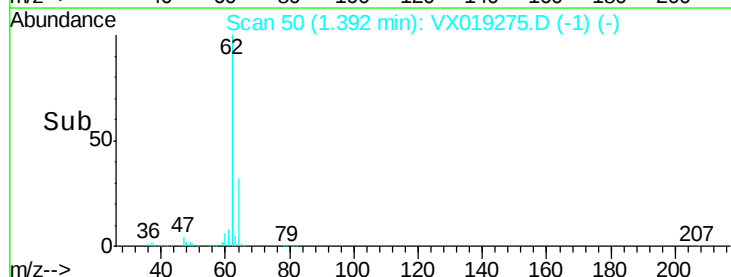
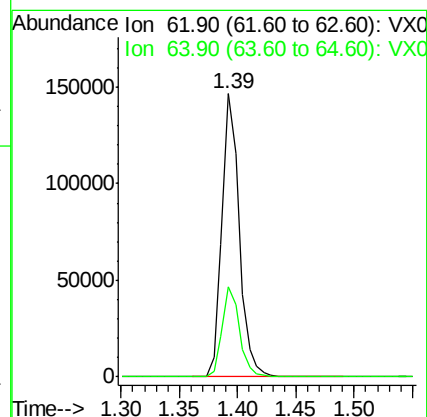
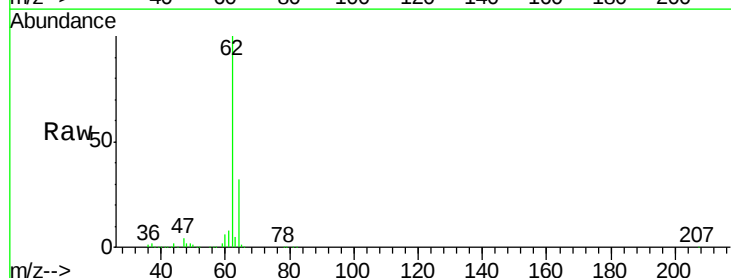
Acq: 04 Nov 2020 17:18

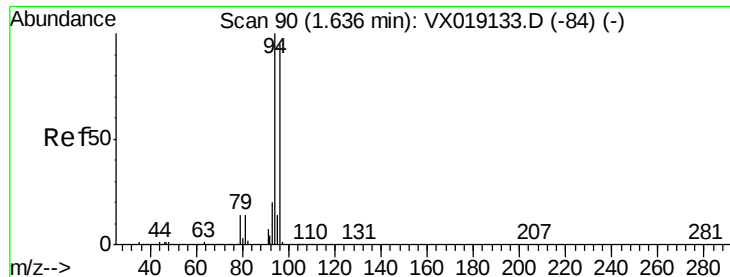
Tgt Ion: 62 Resp: 149779

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.0





#5

Bromomethane

Concen: 51.834 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

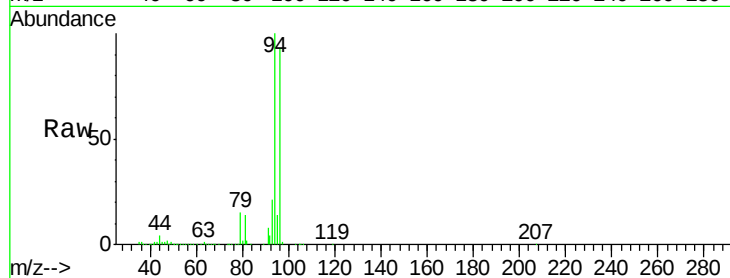
VSTDCCC050

Tot Ion: 94 Resp: 99838

Ion Ratio Lower Upper

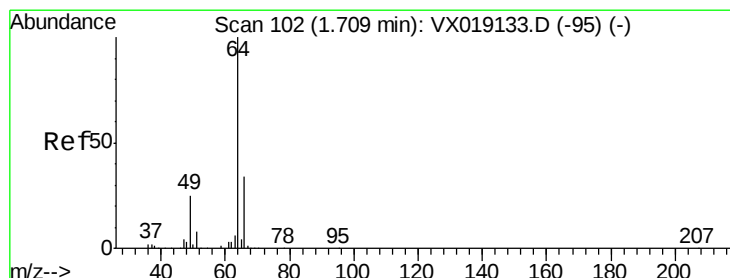
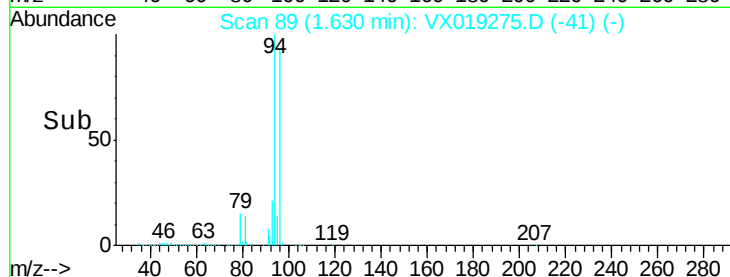
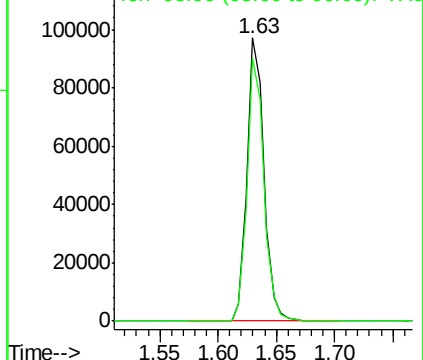
94 100

96 92.9 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.459 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX019275.D

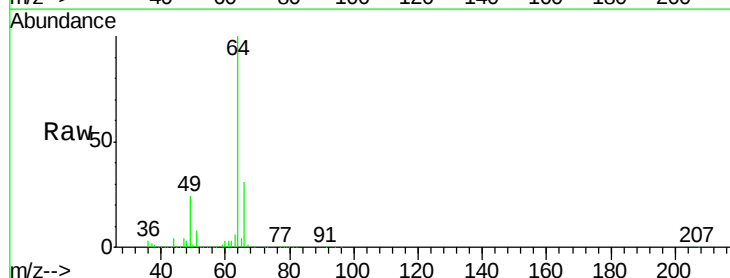
Acq: 04 Nov 2020 17:18

Tgt Ion: 64 Resp: 98068

Ion Ratio Lower Upper

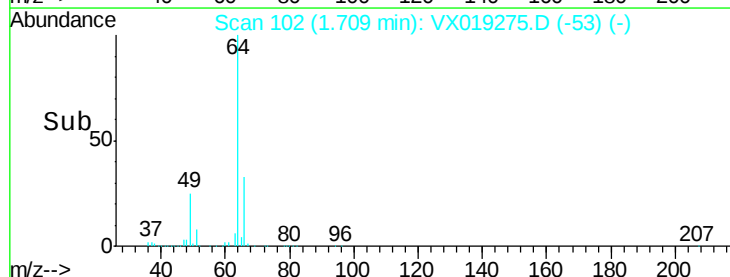
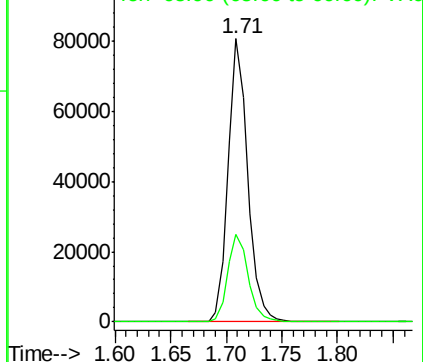
64 100

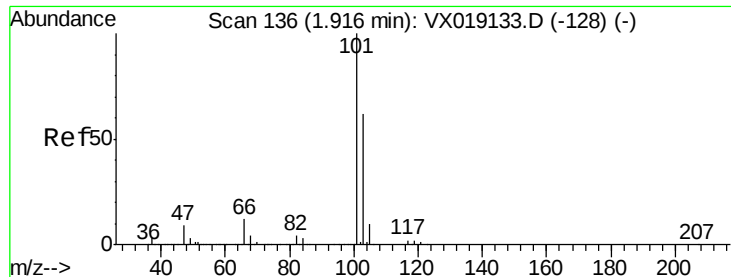
66 31.1 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



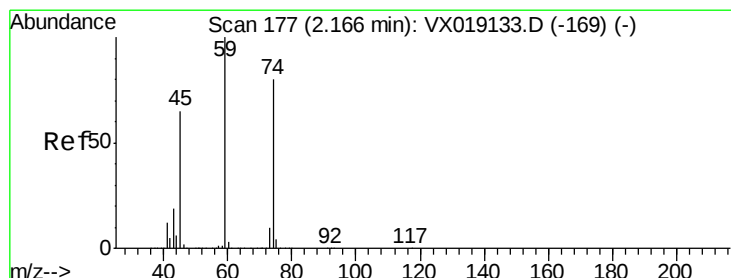
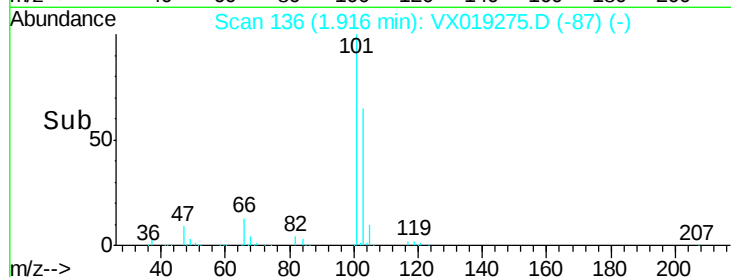
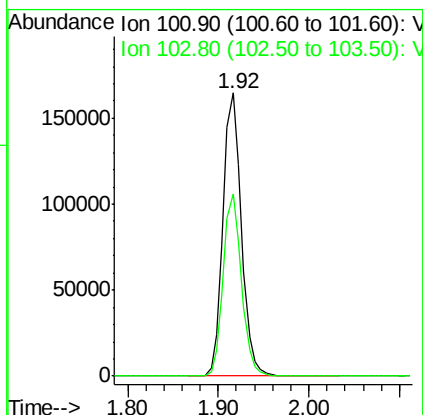
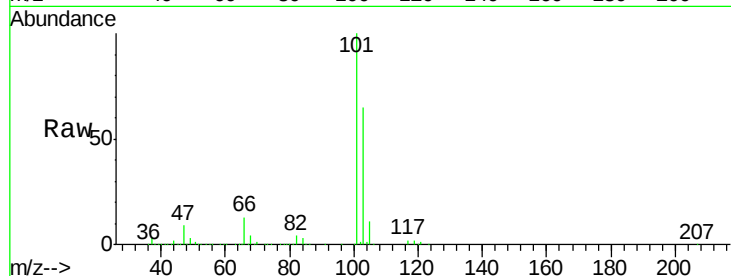


#7

Trichlorofluoromethane
Concen: 52.648 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019275.D
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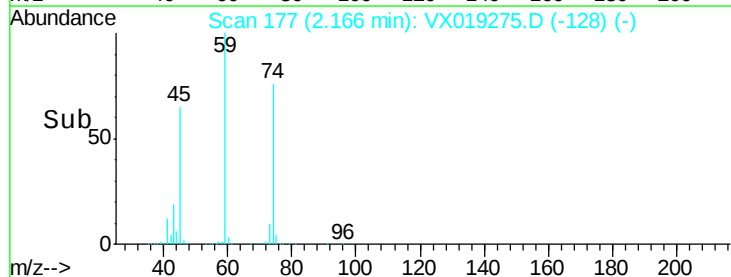
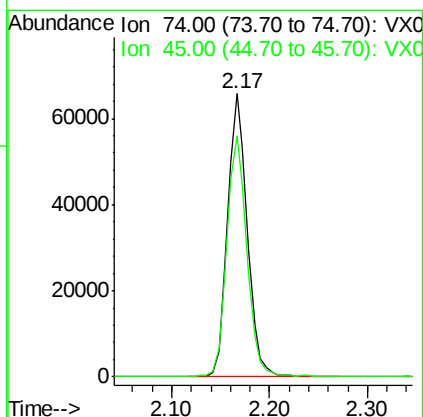
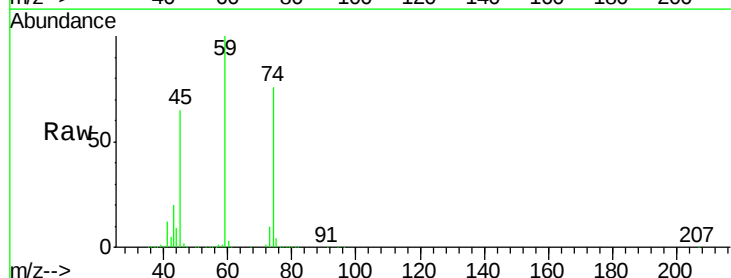
Tot Ion:101 Resp: 233281
Ion Ratio Lower Upper
101 100
103 64.6 50.0 75.0

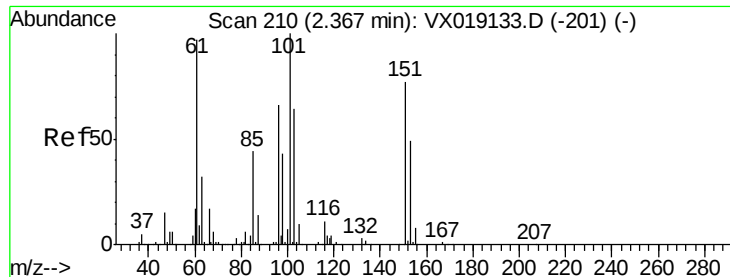


#8

Diethyl Ether
Concen: 53.938 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Tgt Ion: 74 Resp: 91723
Ion Ratio Lower Upper
74 100
45 86.6 41.0 123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.288 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019275.D

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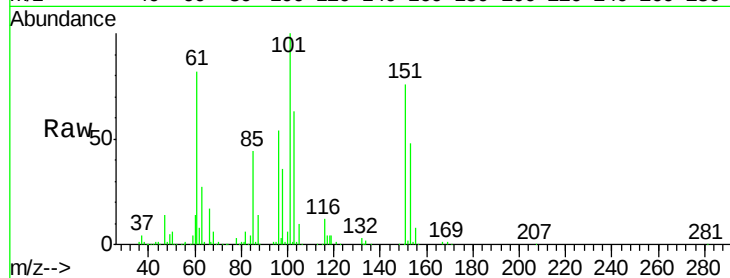
Tot Ion:101 Resp: 130873

Ion Ratio Lower Upper

101 100

85 44.5 35.0 52.4

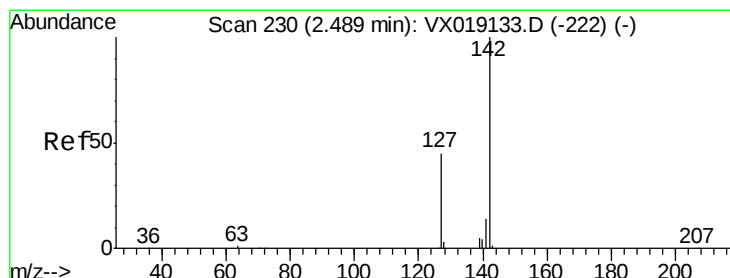
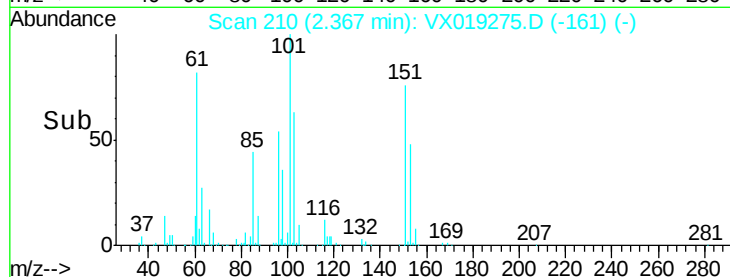
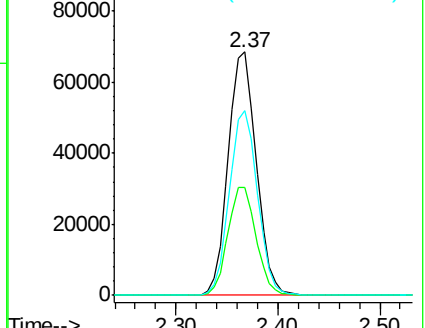
151 75.6 61.4 92.2



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: 49.011 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

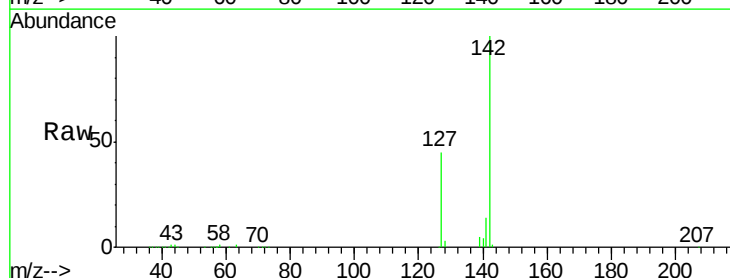
Tgt Ion:142 Resp: 141660

Ion Ratio Lower Upper

142 100

127 45.9 36.1 54.1

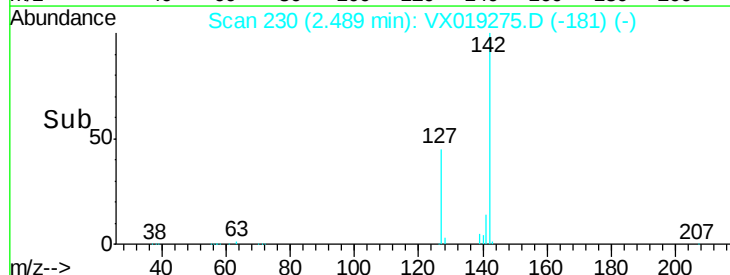
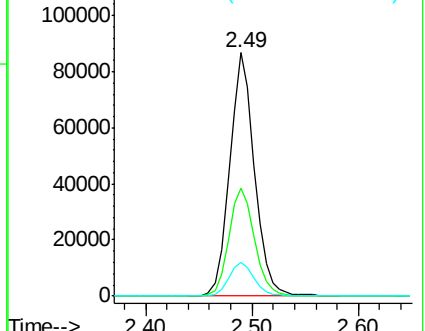
141 14.2 11.3 16.9

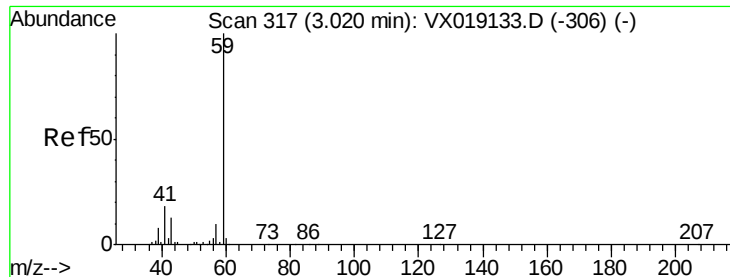


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

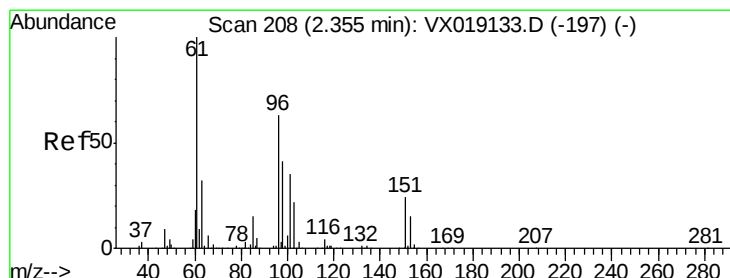
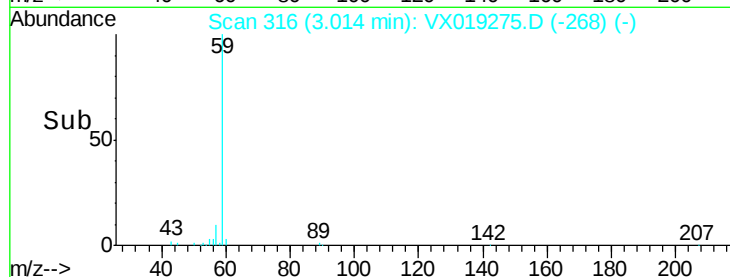
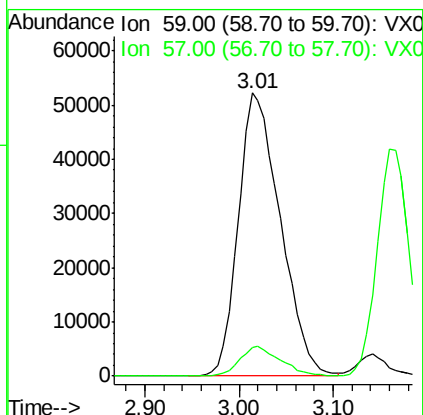
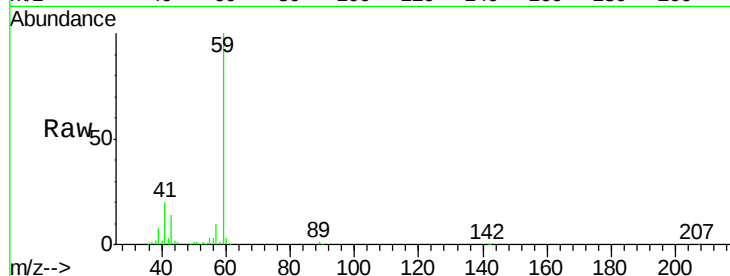




#11
Tert butyl alcohol
Concen: 245.163 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

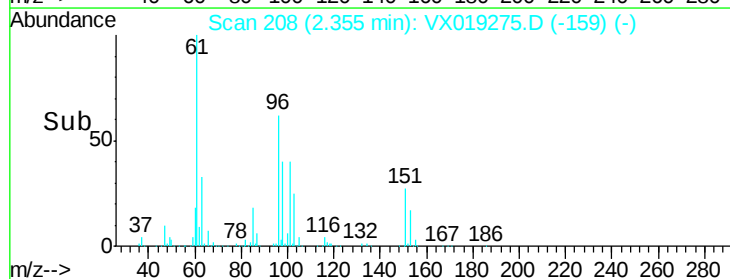
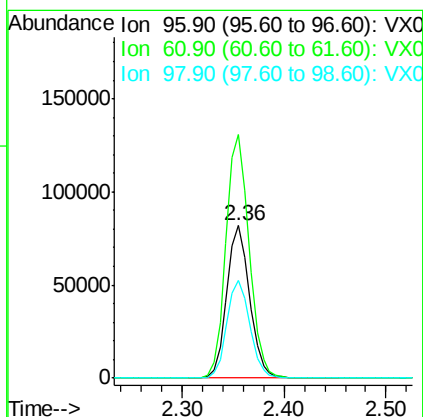
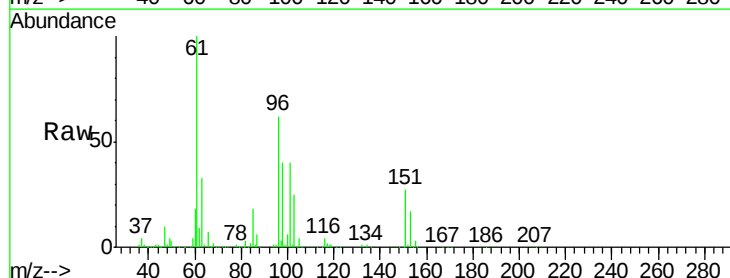
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

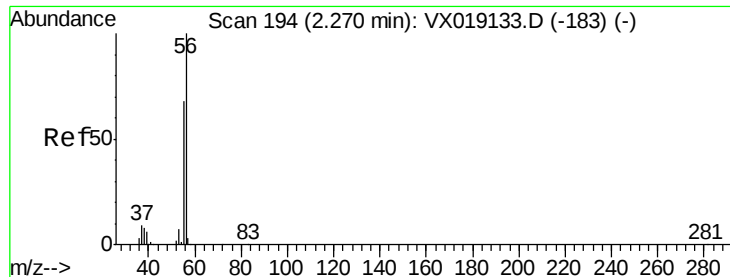
Tot Ion: 59 Resp: 163062
Ion Ratio Lower Upper
59 100
57 10.2 8.4 12.6



#12
1,1-Dichloroethene
Concen: 50.261 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Tgt Ion: 96 Resp: 127200
Ion Ratio Lower Upper
96 100
61 160.1 127.7 191.5
98 64.4 52.1 78.1





#13

Acrolein

Concen: 306.905 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

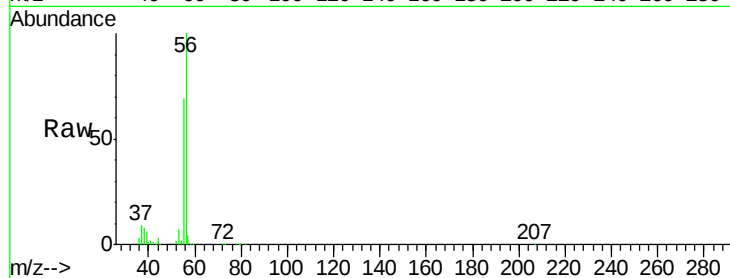
VSTDCCC050

Tot Ion: 56 Resp: 91657

Ion Ratio Lower Upper

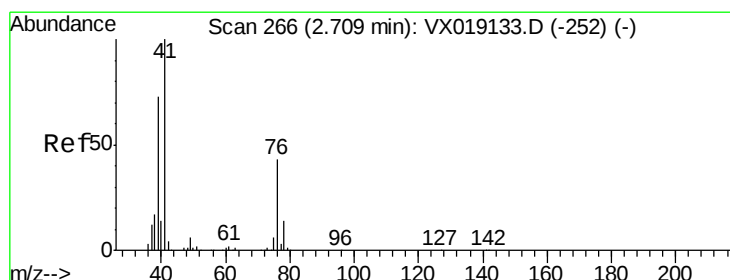
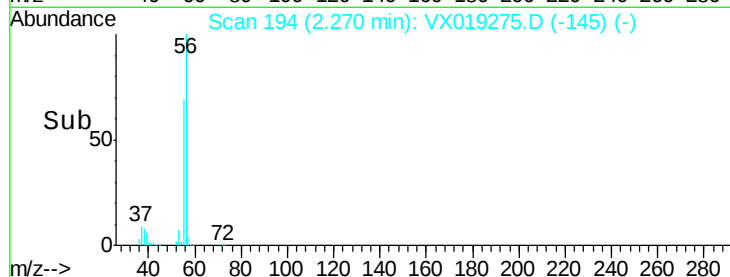
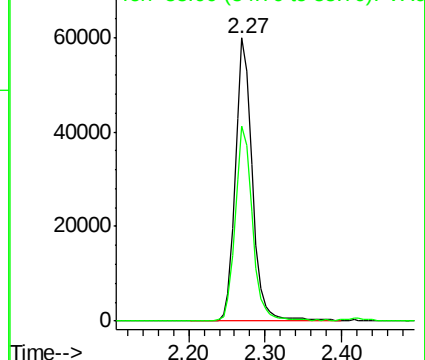
56 100

55 69.3 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 53.845 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

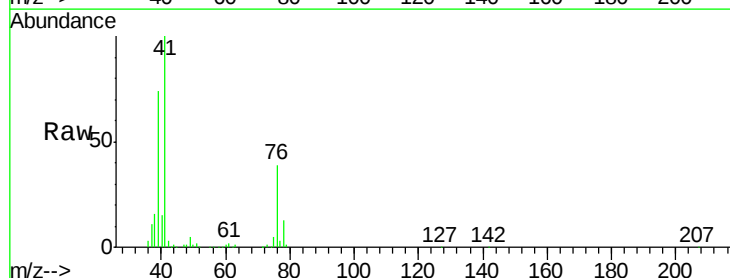
Tgt Ion: 41 Resp: 206402

Ion Ratio Lower Upper

41 100

39 68.3 55.2 82.8

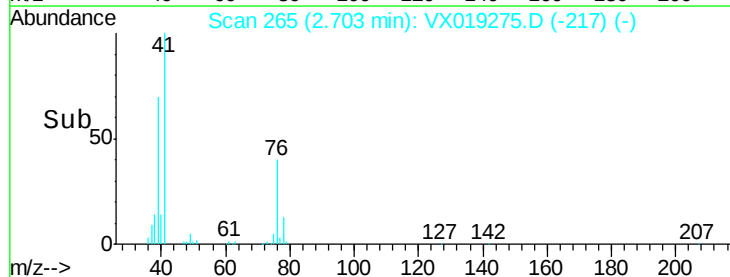
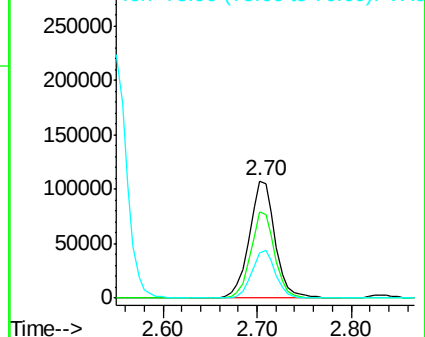
76 37.6 31.5 47.3

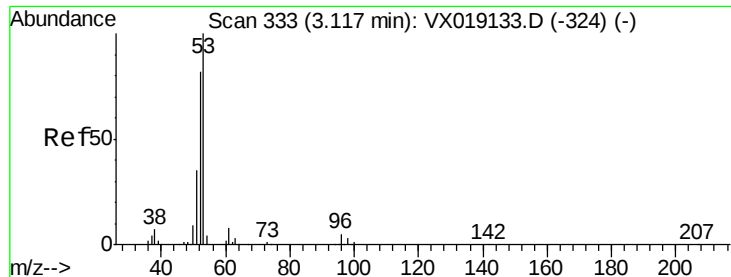


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 269.072 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

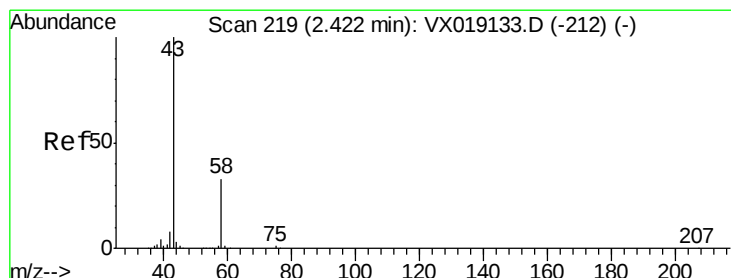
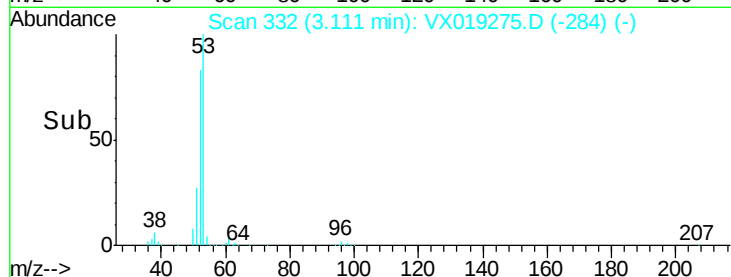
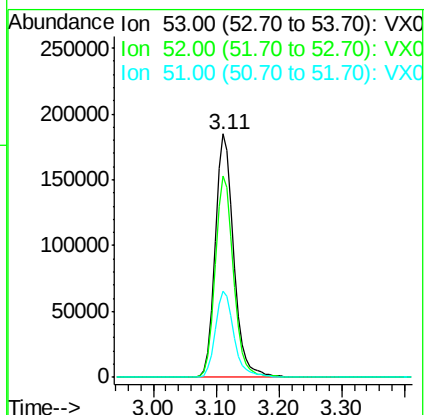
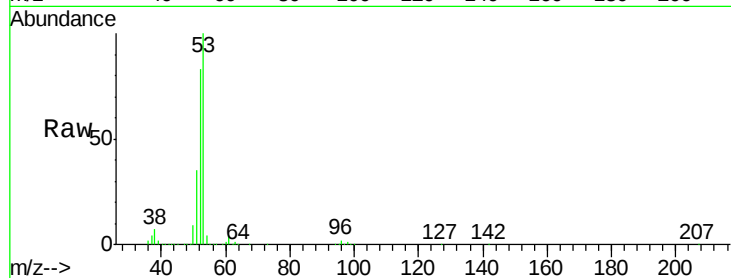
Tot Ion: 53 Resp: 376068

Ion Ratio Lower Upper

53 100

52 81.7 65.7 98.5

51 35.6 28.4 42.6



#16

Acetone

Concen: 268.049 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019275.D

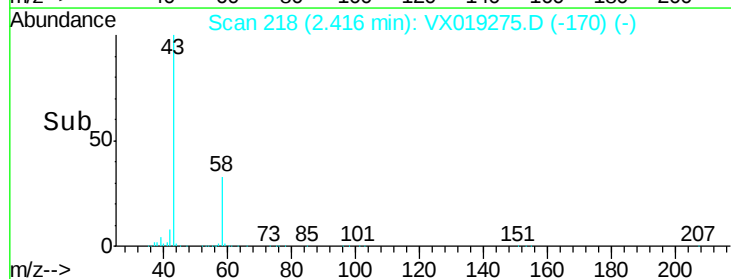
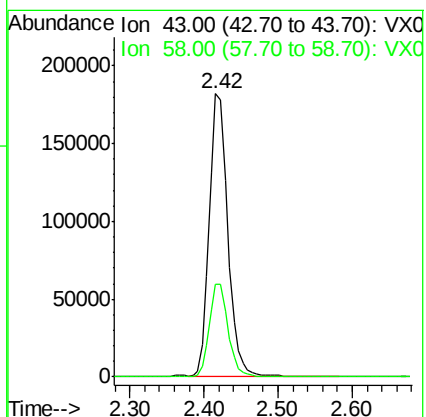
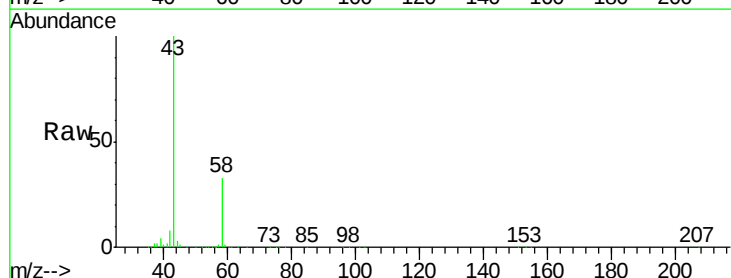
Acq: 04 Nov 2020 17:18

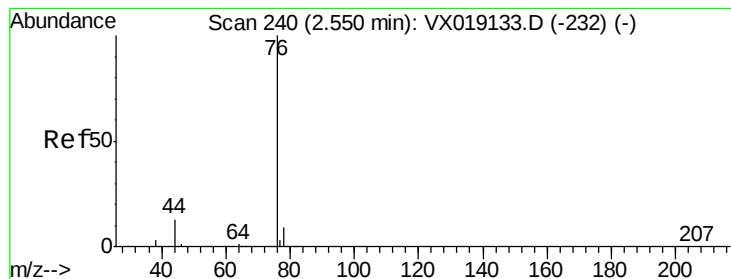
Tgt Ion: 43 Resp: 311396

Ion Ratio Lower Upper

43 100

58 32.9 26.3 39.5





#17

Carbon Disulfide

Concen: 49.097 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

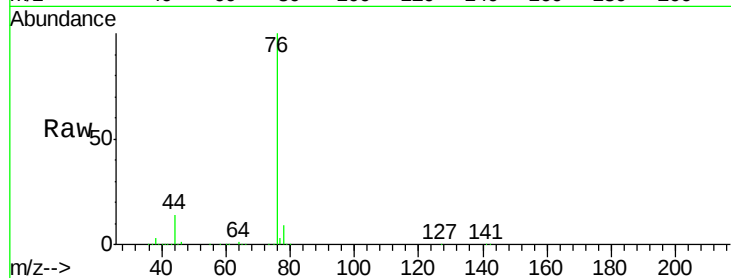
VSTDCCC050

Tot Ion: 76 Resp: 354081

Ion Ratio Lower Upper

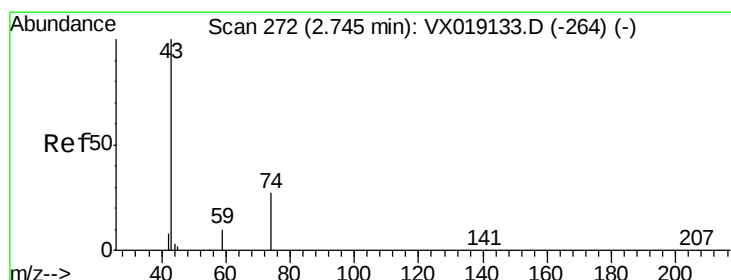
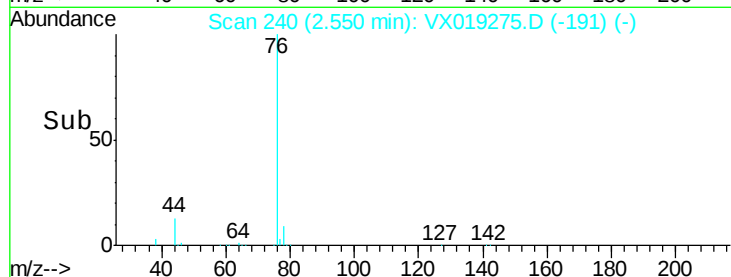
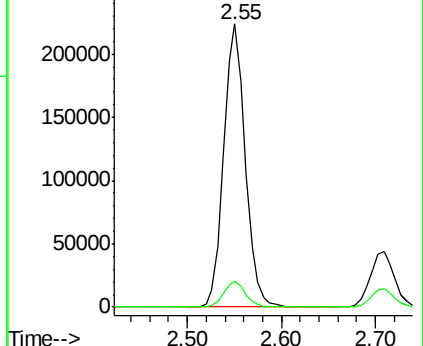
76 100

78 9.3 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: 53.679 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX019275.D

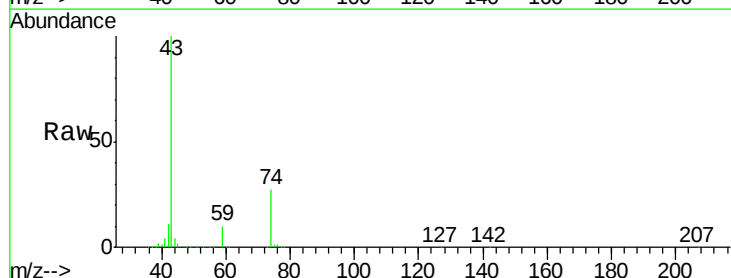
Acq: 04 Nov 2020 17:18

Tgt Ion: 43 Resp: 151640

Ion Ratio Lower Upper

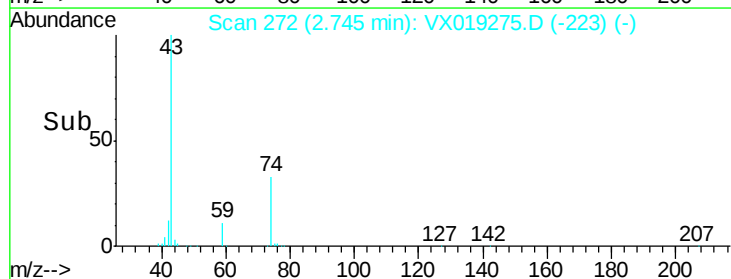
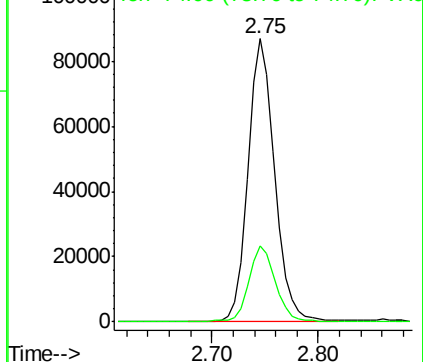
43 100

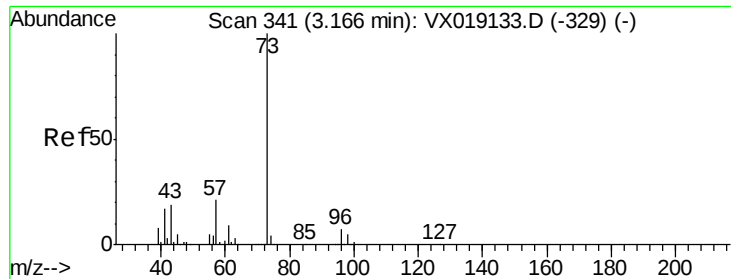
74 27.5 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

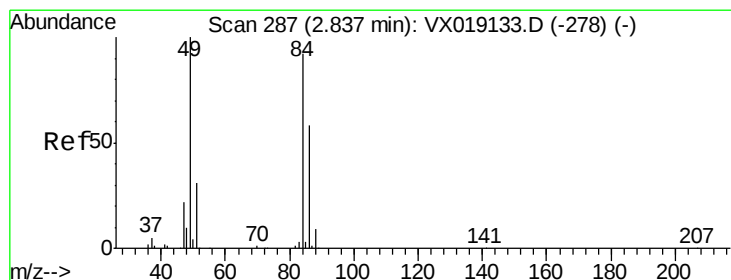
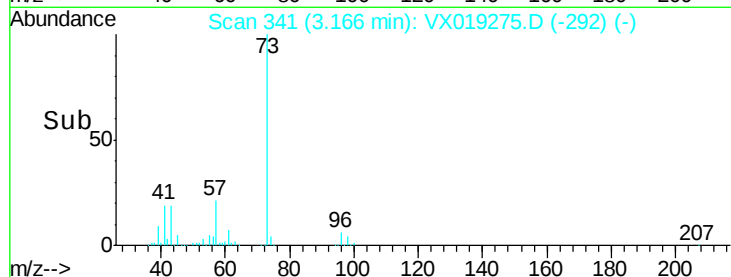
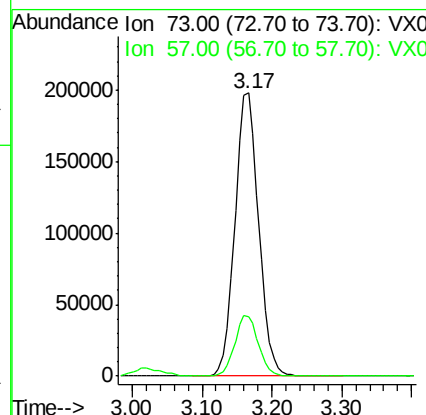
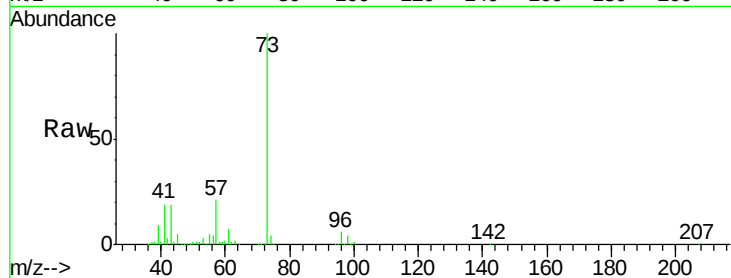




#19
Methyl tert-butyl Ether
Concen: 53.049 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

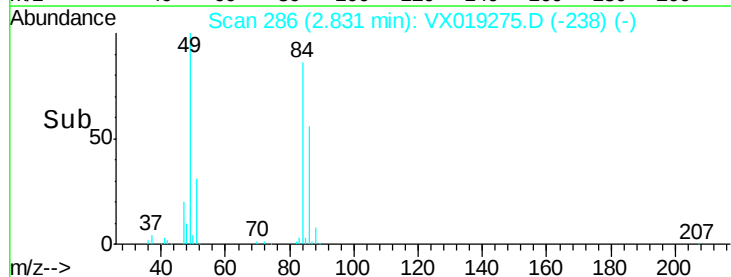
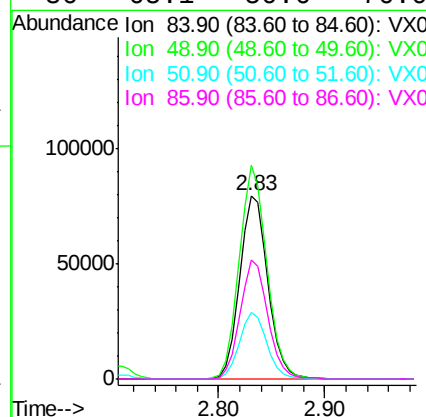
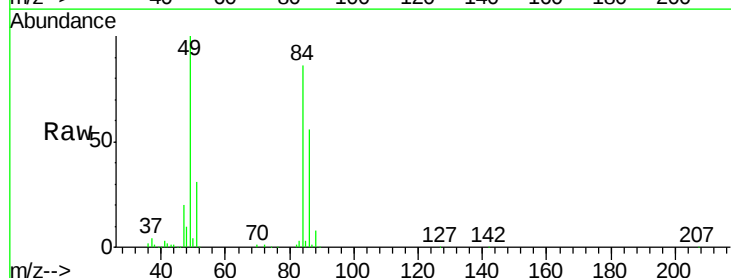
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

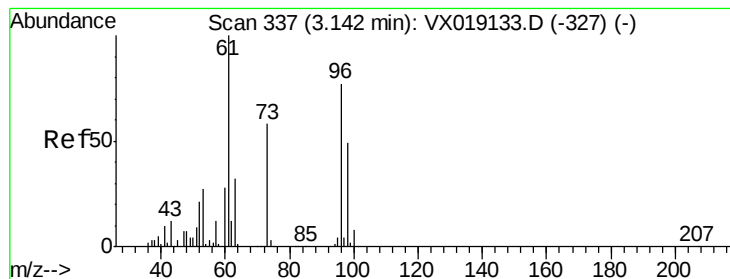
Tot Ion: 73 Resp: 465177
Ion Ratio Lower Upper
73 100
57 21.1 16.6 25.0



#20
Methylene Chloride
Concen: 50.722 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Tgt Ion: 84 Resp: 147932
Ion Ratio Lower Upper
84 100
49 116.4 86.8 130.2
51 36.0 27.3 40.9
86 65.1 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 50.086 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

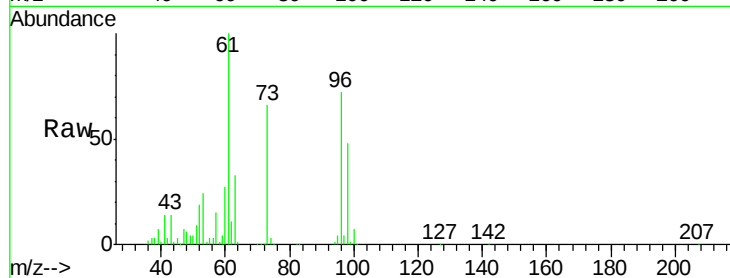
Tot Ion: 96 Resp: 145885

Ion Ratio Lower Upper

96 100

61 138.1 104.2 156.4

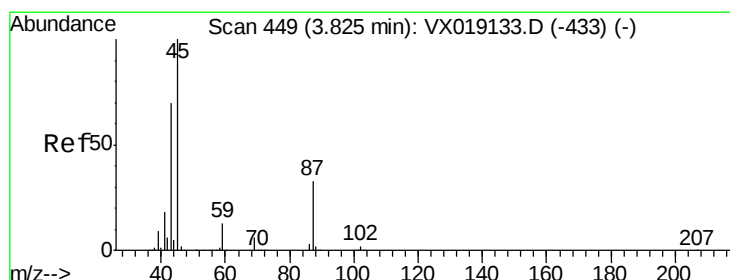
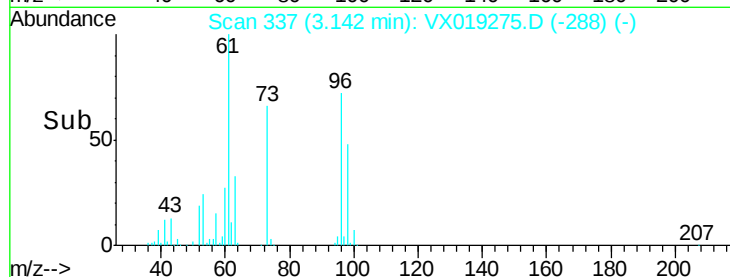
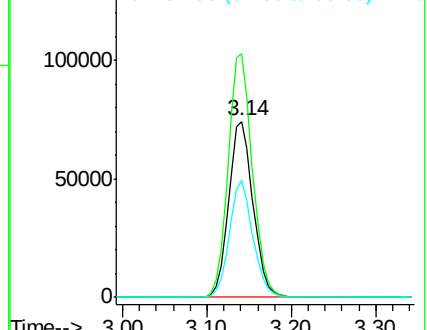
98 66.3 51.3 76.9



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: 56.229 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Tgt Ion: 45 Resp: 429701

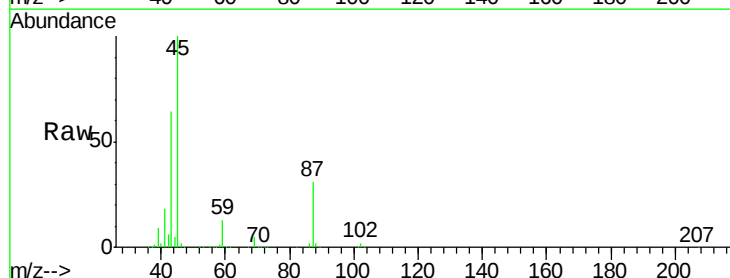
Ion Ratio Lower Upper

45 100

43 63.8 56.2 84.4

87 31.4 26.2 39.2

59 12.7 10.1 15.1

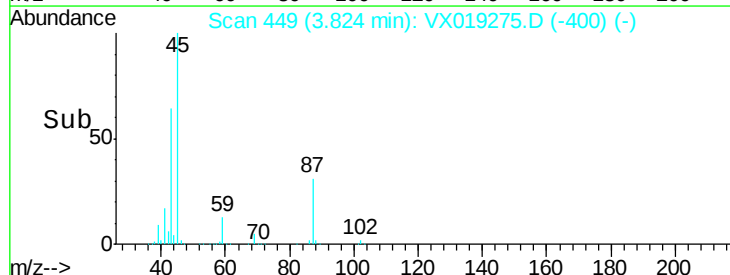
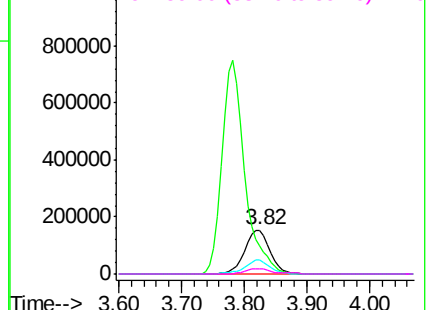


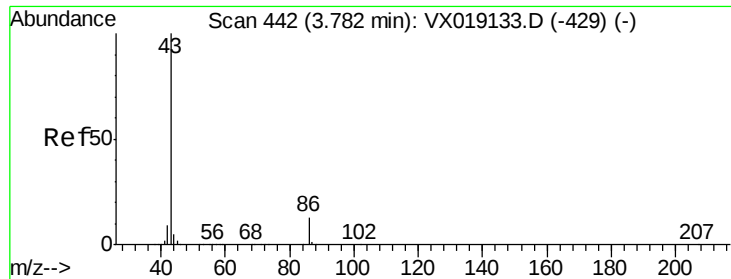
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 278.219 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

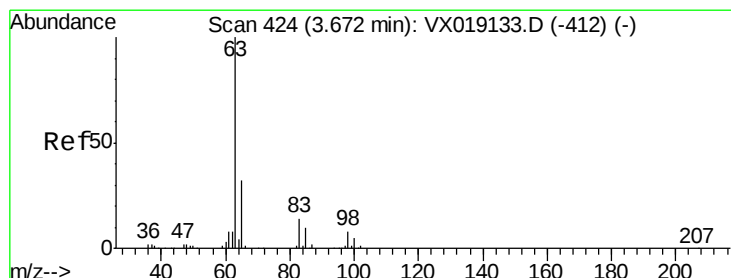
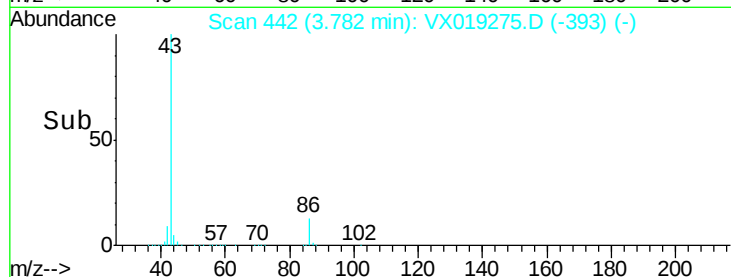
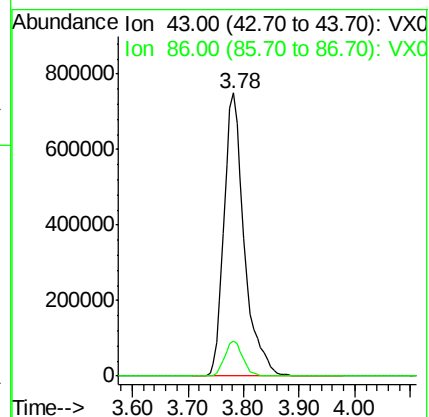
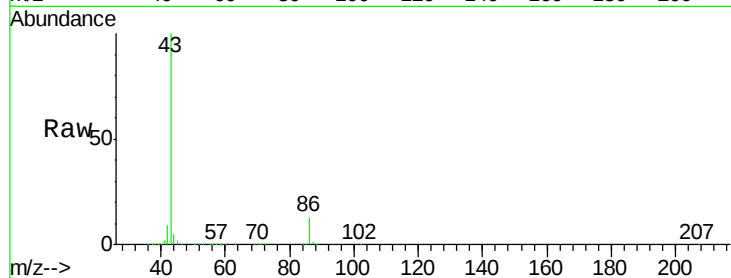
VSTDCCC050

Tot Ion: 43 Resp: 1896030

Ion Ratio Lower Upper

43 100

86 12.5 10.4 15.6



#24

1,1-Dichloroethane

Concen: 54.324 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

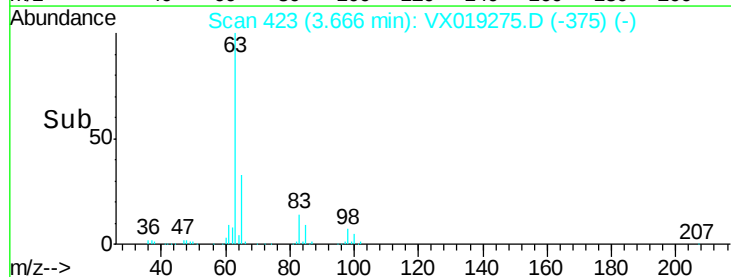
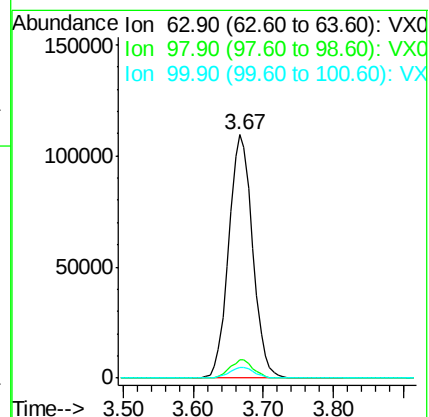
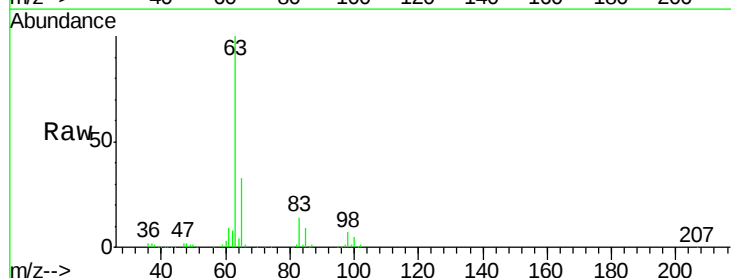
Tgt Ion: 63 Resp: 259204

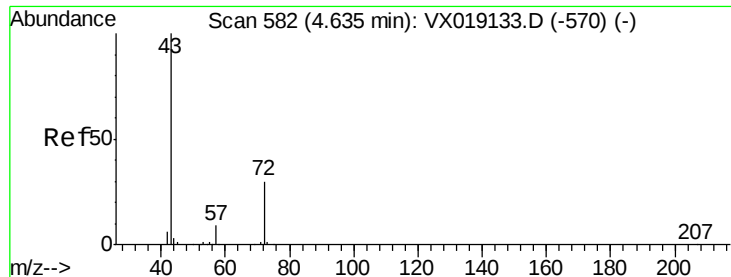
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 273.664 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

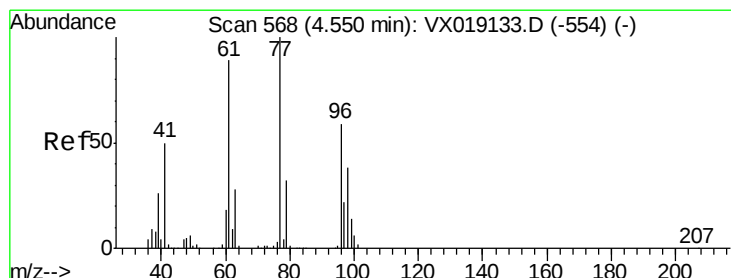
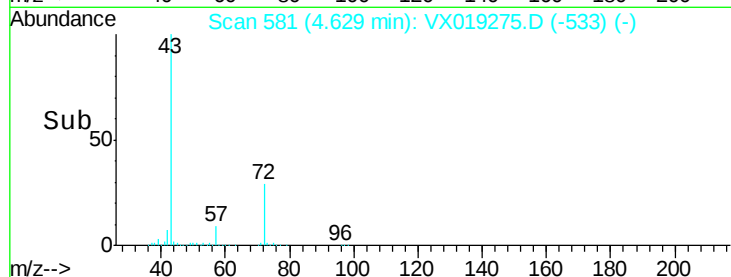
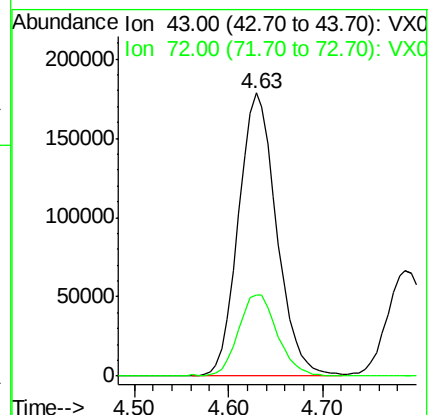
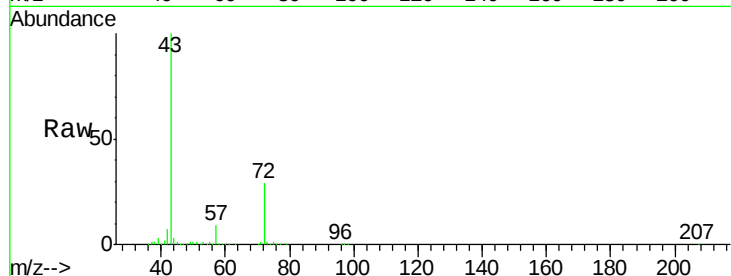
VSTDCCC050

Tot Ion: 43 Resp: 501040

Ion Ratio Lower Upper

43 100

72 28.4 24.6 36.8



#26

2,2-Dichloropropane

Concen: 53.584 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019275.D

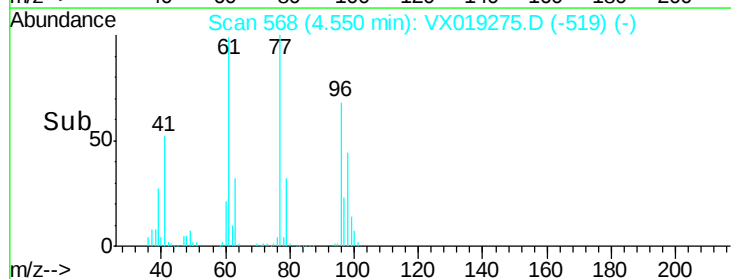
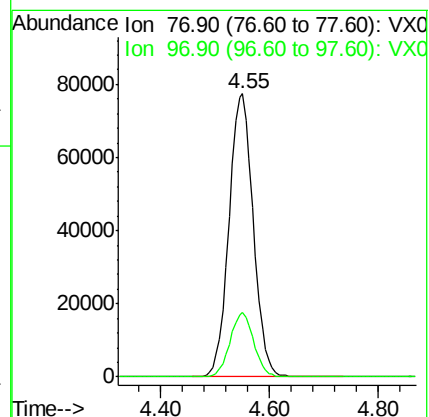
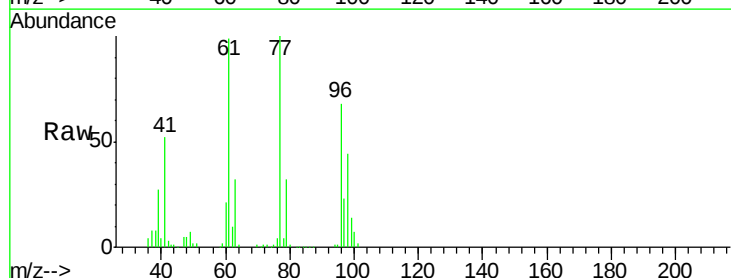
Acq: 04 Nov 2020 17:18

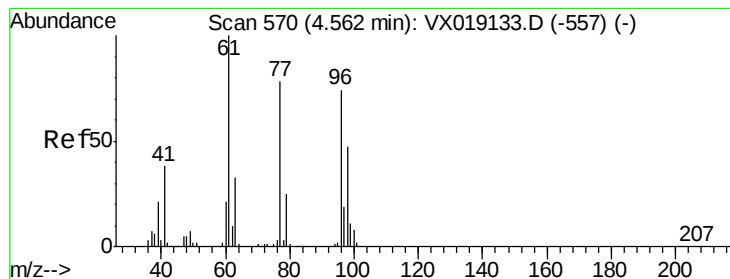
Tgt Ion: 77 Resp: 240357

Ion Ratio Lower Upper

77 100

97 22.3 11.4 34.1



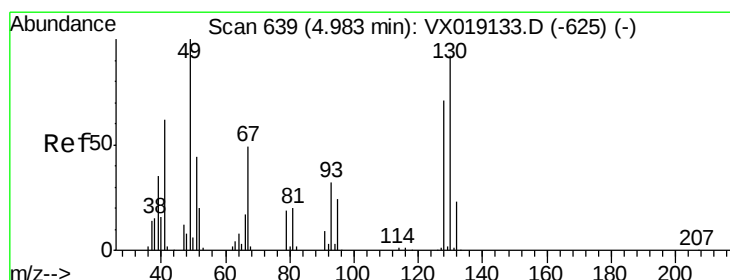
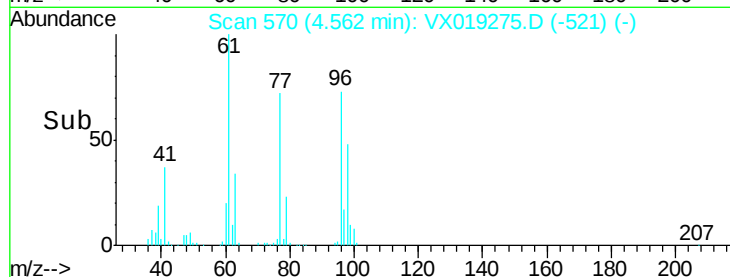
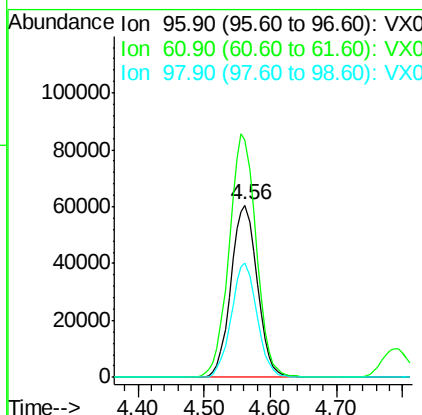
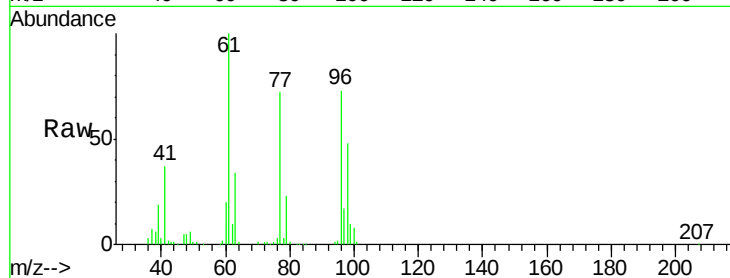


#27

cis-1,2-Dichloroethene
Concen: 51.642 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

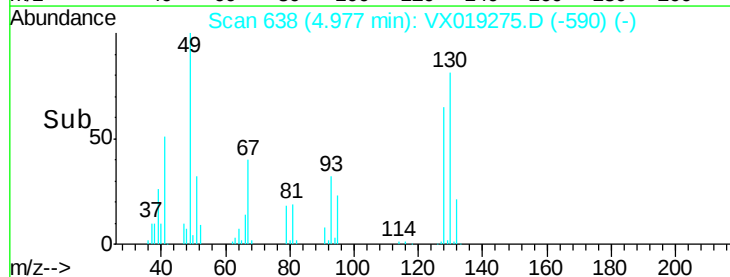
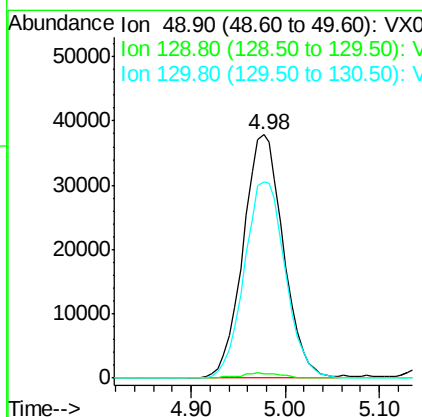
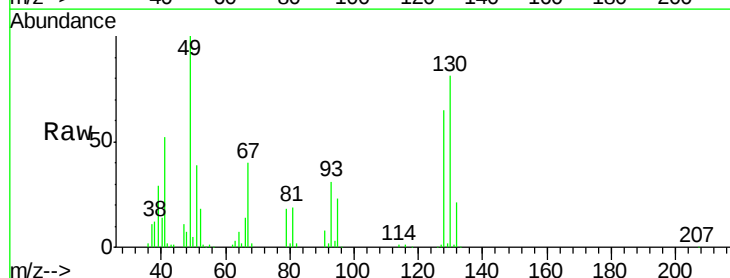
Tot Ion	96	Resp	168083
Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	278.8
98	64.5	0.0	130.2

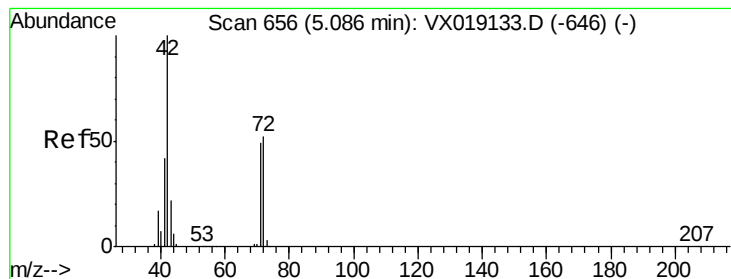


#28

Bromochloromethane
Concen: 52.194 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Tgt Ion	49	Resp	113217
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	82.6	71.3	106.9





#29

Tetrahydrofuran

Concen: 275.507 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

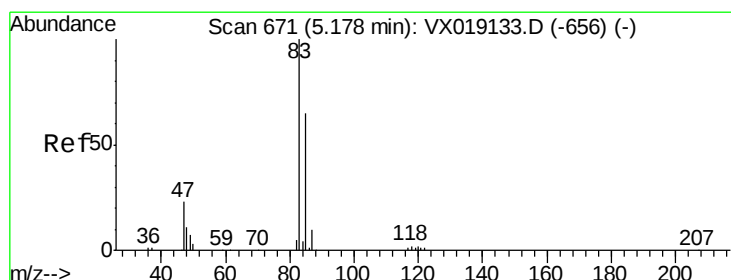
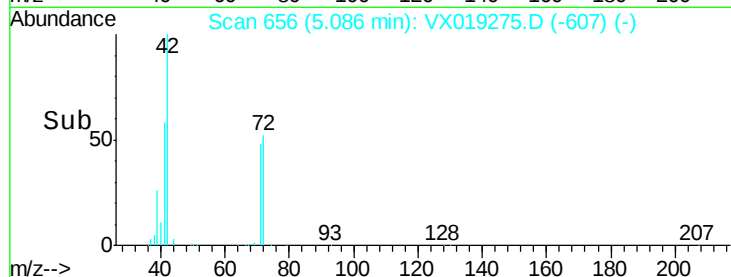
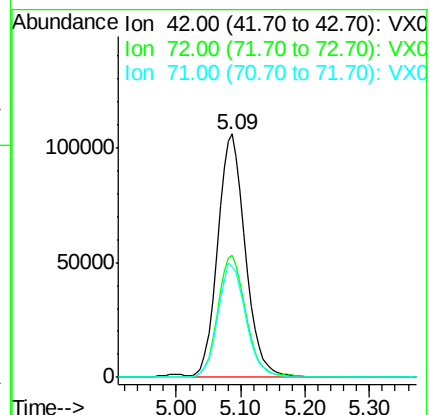
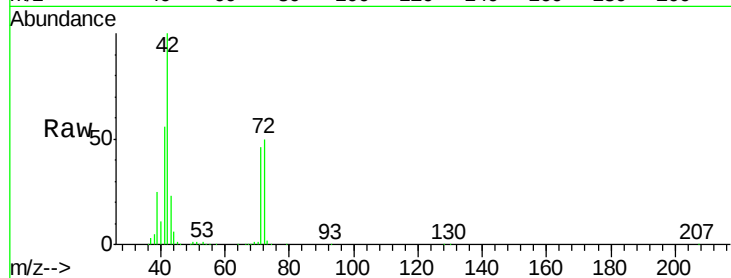
Tot Ion: 42 Resp: 317879

Ion Ratio Lower Upper

42 100

72 51.8 42.6 63.8

71 47.4 39.7 59.5



#30

Chloroform

Concen: 53.340 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX019275.D

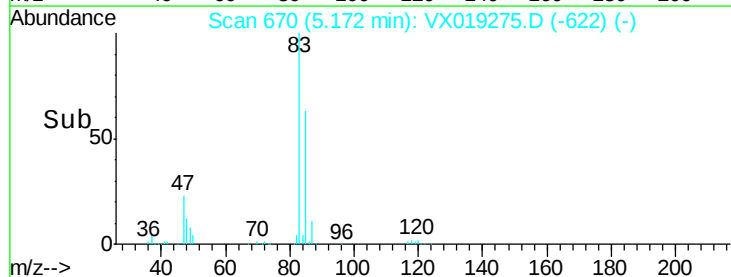
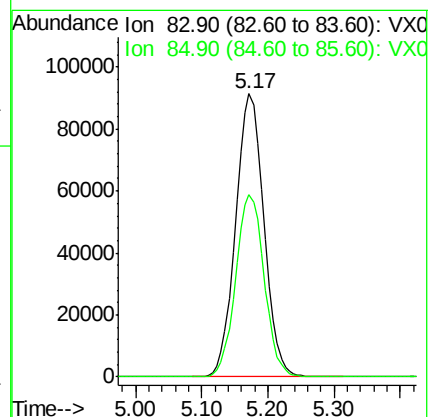
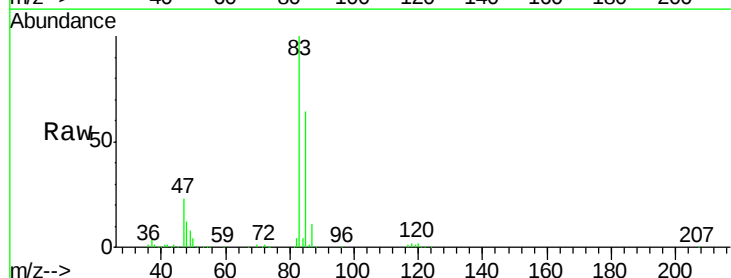
Acq: 04 Nov 2020 17:18

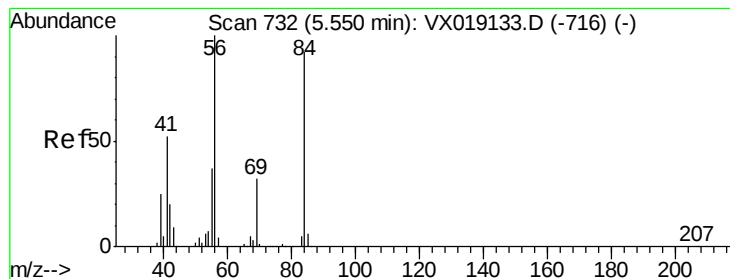
Tgt Ion: 83 Resp: 270902

Ion Ratio Lower Upper

83 100

85 64.2 51.9 77.9





#31

Cyclohexane

Concen: 53.286 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

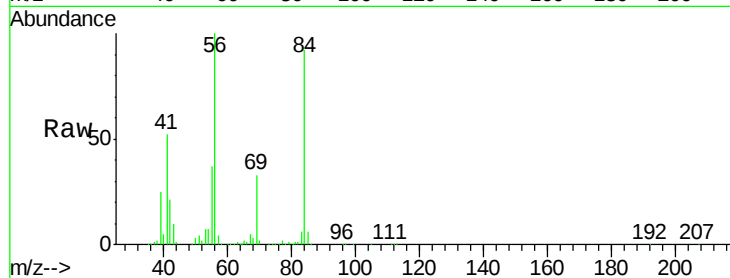
Tot Ion: 56 Resp: 226822

Ion Ratio Lower Upper

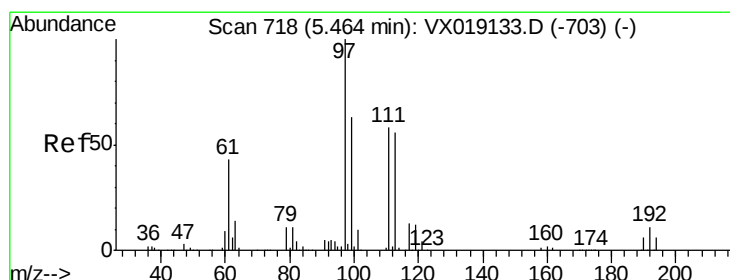
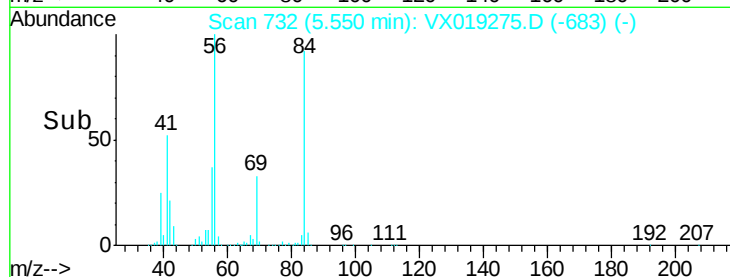
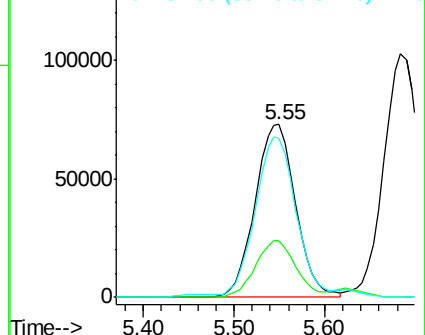
56 100

69 32.5 25.9 38.9

84 90.4 73.4 110.2



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 53.568 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

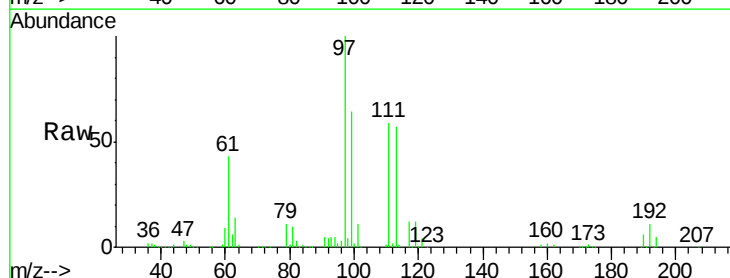
Tgt Ion: 97 Resp: 246658

Ion Ratio Lower Upper

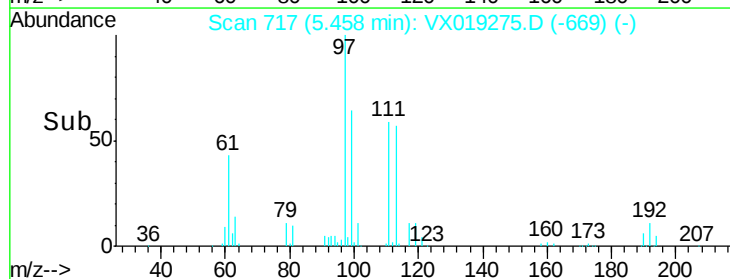
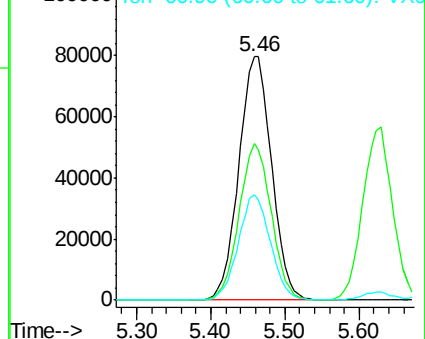
97 100

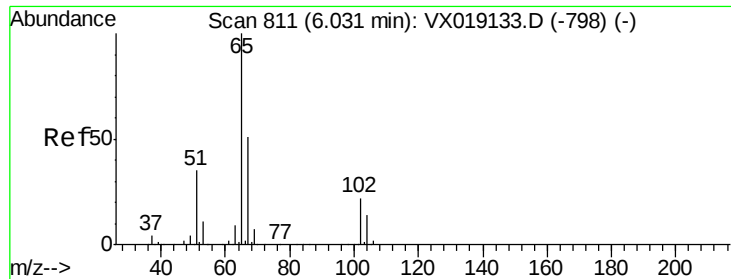
99 62.9 51.7 77.5

61 42.5 34.2 51.2



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.660 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

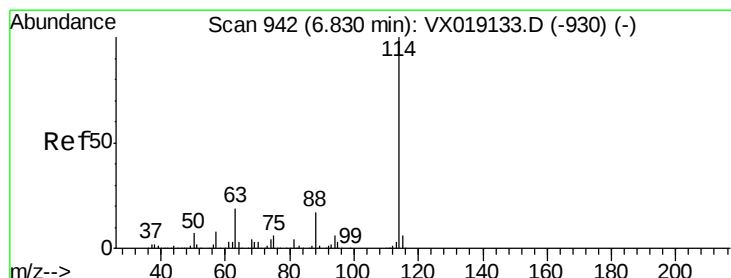
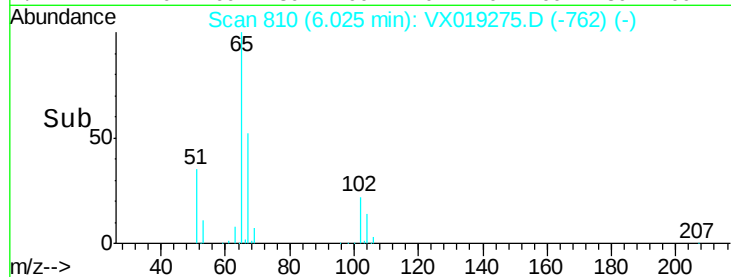
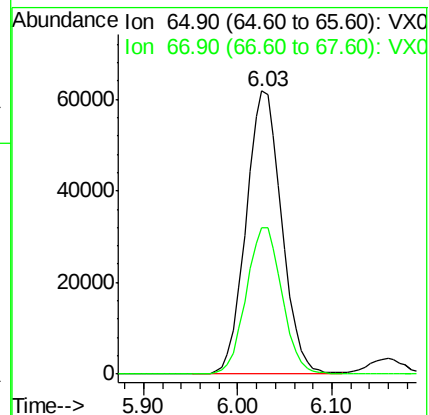
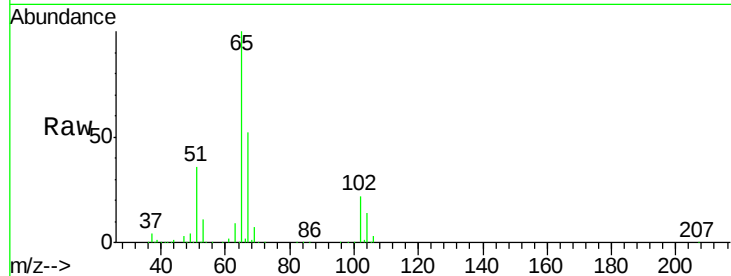
VSTDCCC050

Tot Ion: 65 Resp: 163861

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

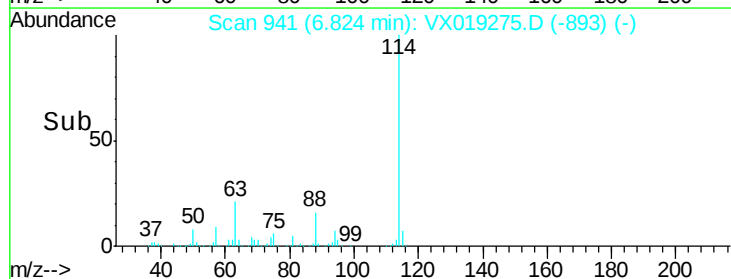
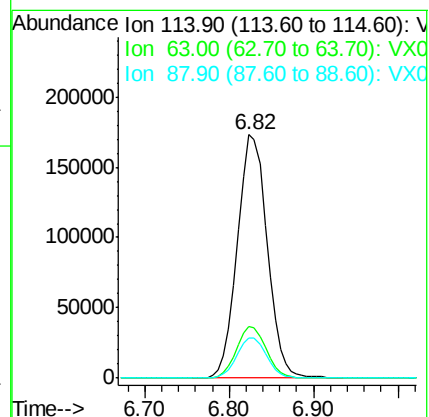
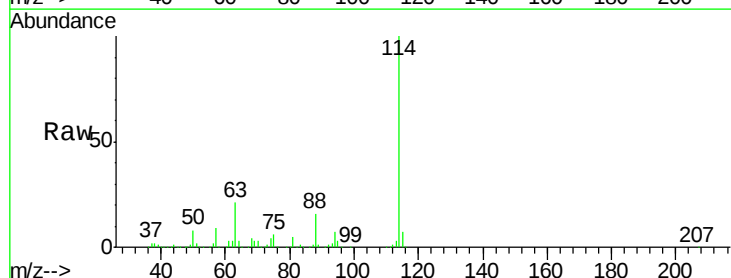
Tgt Ion: 114 Resp: 416473

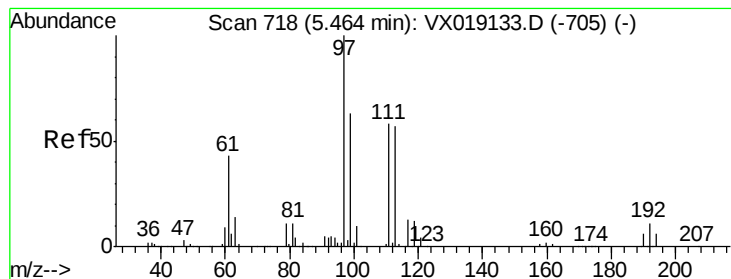
Ion Ratio Lower Upper

114 100

63 21.4 0.0 38.8

88 16.3 0.0 34.2





#35

Dibromofluoromethane

Concen: 49.773 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

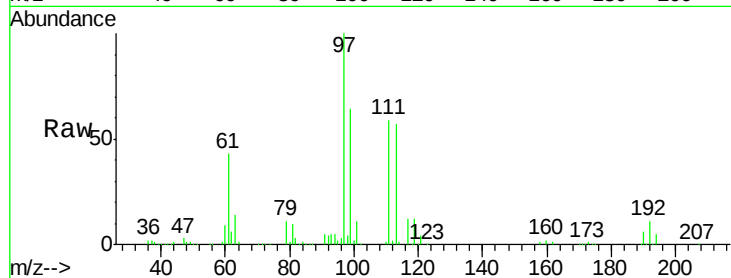
Tot Ion:113 Resp: 130207

Ion Ratio Lower Upper

113 100

111 103.3 82.3 123.5

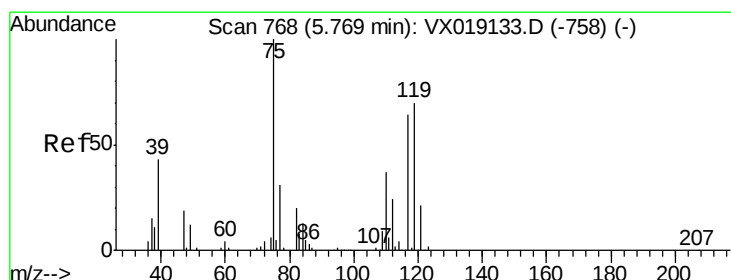
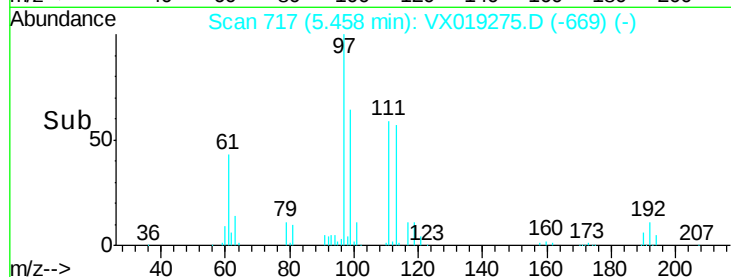
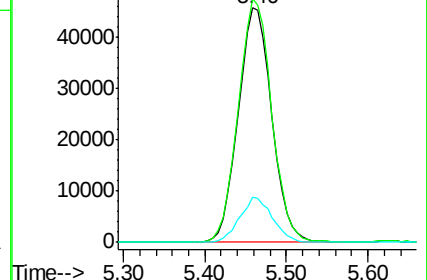
192 18.7 16.2 24.2



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: 53.667 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

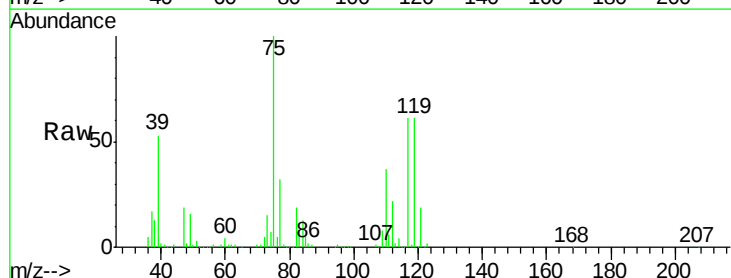
Tgt Ion: 75 Resp: 206392

Ion Ratio Lower Upper

75 100

110 36.0 18.3 54.9

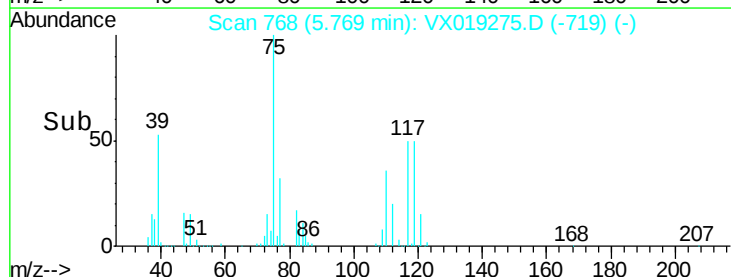
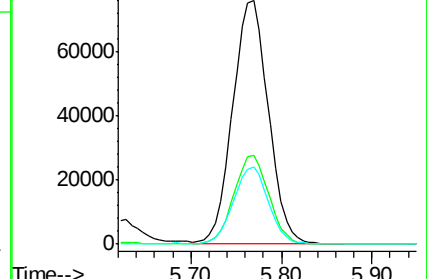
77 31.2 24.9 37.3

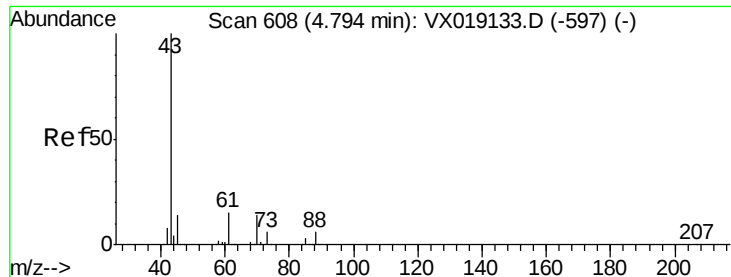


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

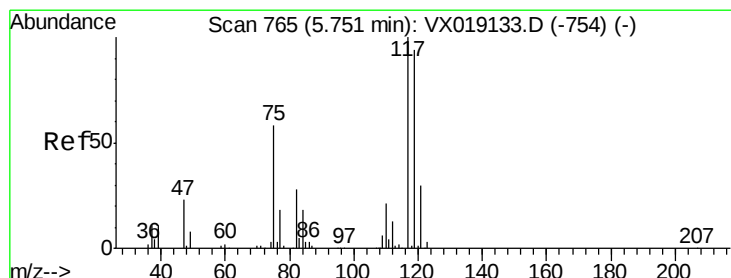
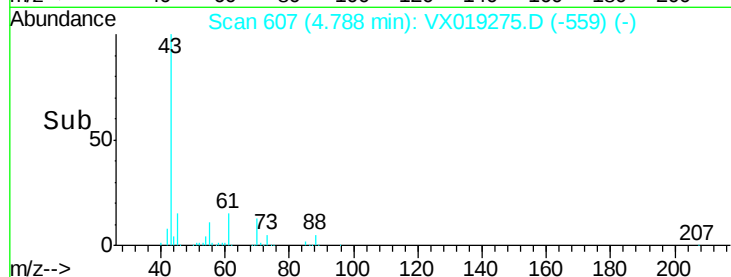
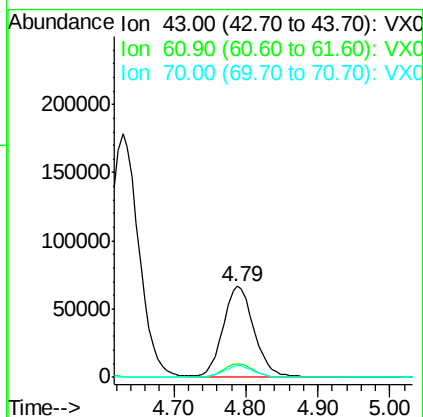
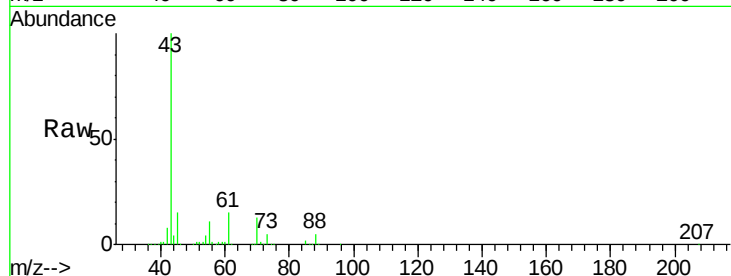




#37
Ethyl Acetate
Concen: 55.402 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

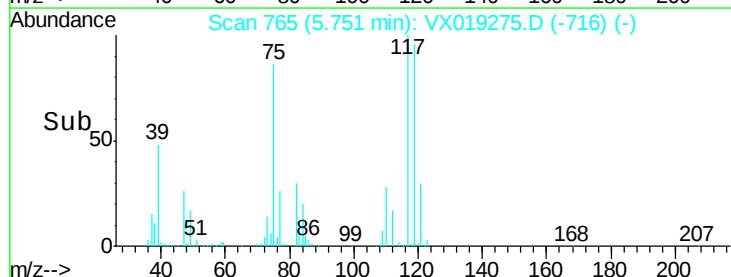
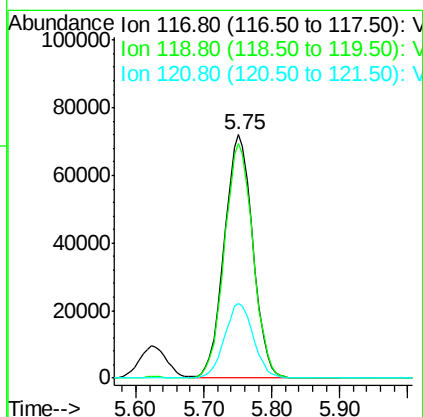
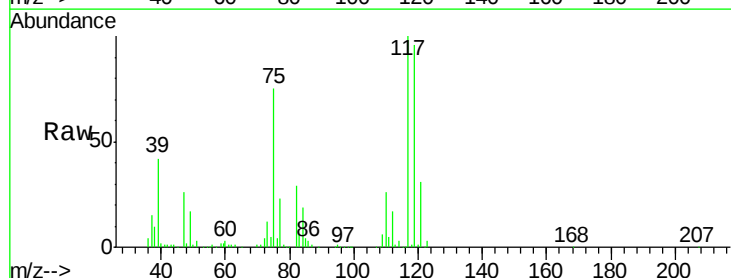
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

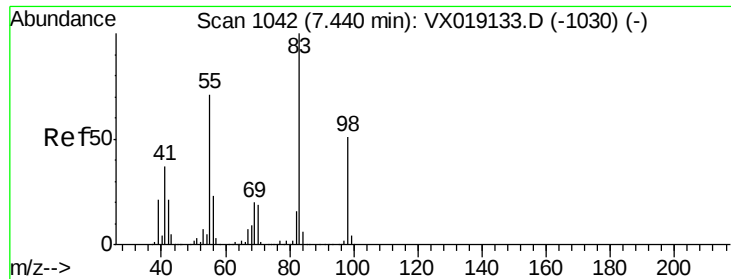
Tot Ion: 43 Resp: 197825
Ion Ratio Lower Upper
43 100
61 15.4 12.5 18.7
70 12.3 10.5 15.7



#38
Carbon Tetrachloride
Concen: 53.352 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Tgt Ion: 117 Resp: 209141
Ion Ratio Lower Upper
117 100
119 96.1 75.0 112.6
121 30.7 23.9 35.9

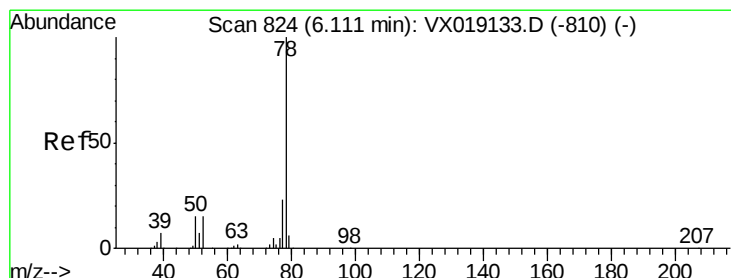
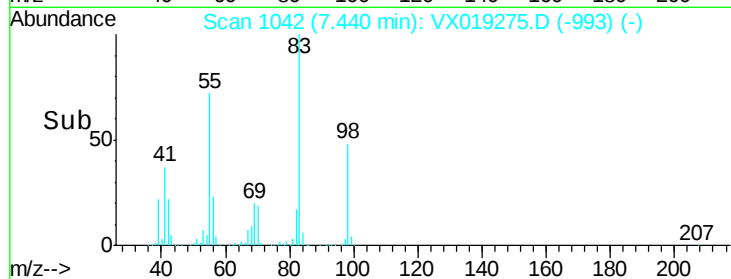
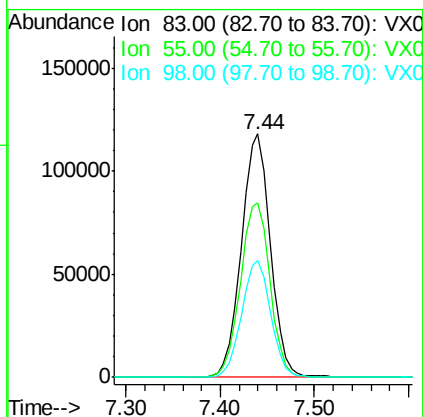
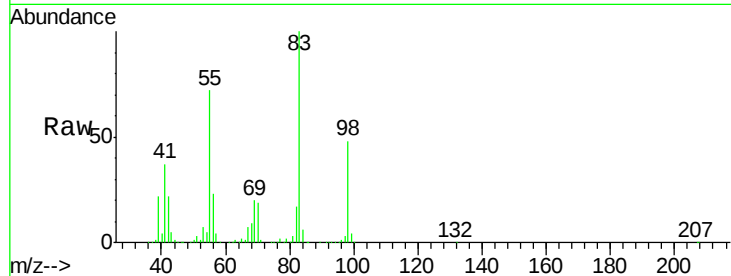




#39
Methvlcvclohexane
Concen: 55.410 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

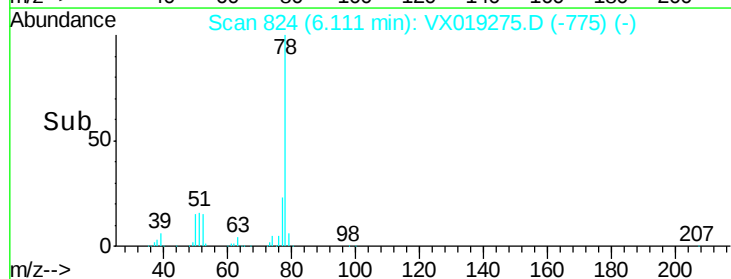
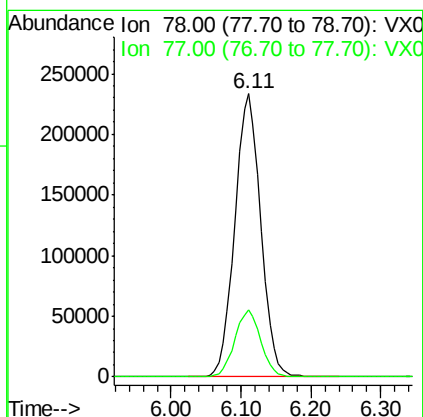
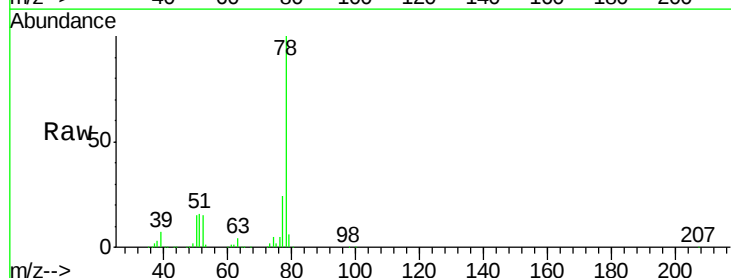
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

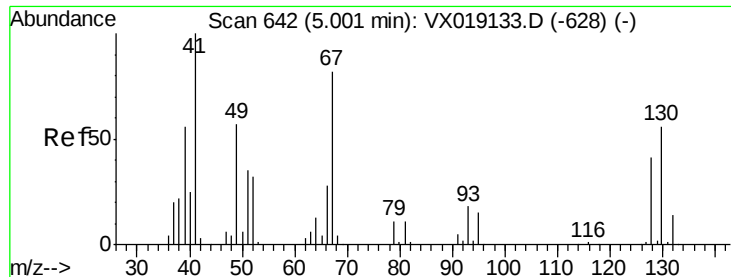
Tot Ion: 83 Resp: 254801
Ion Ratio Lower Upper
83 100
55 71.8 57.0 85.6
98 48.2 40.5 60.7



#40
Benzene
Concen: 55.173 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Tgt Ion: 78 Resp: 601610
Ion Ratio Lower Upper
78 100
77 23.8 18.7 28.1





#41

Methacrylonitrile

Concen: 54.770 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 105321

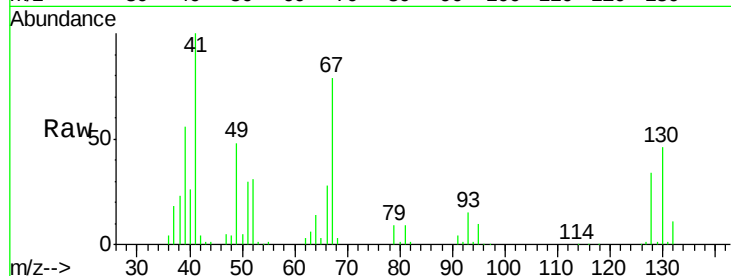
Ion Ratio Lower Upper

41 100

39 56.7 44.4 66.6

67 82.3 66.4 99.6

52 33.6 26.2 39.4

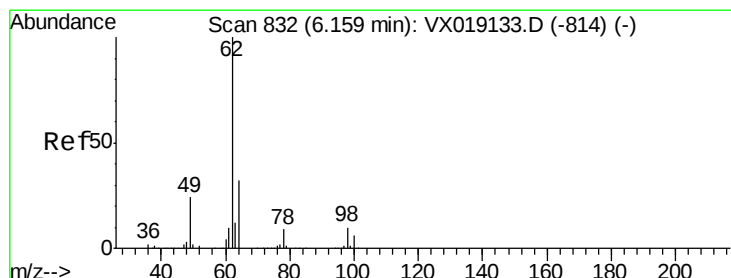
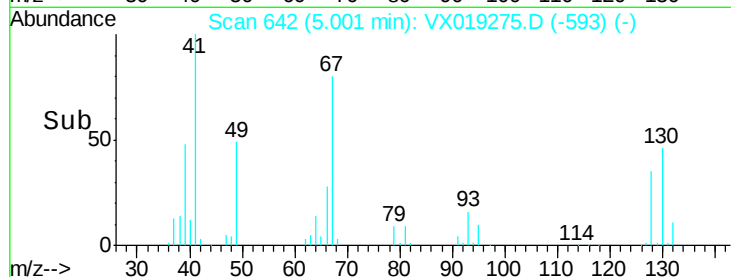
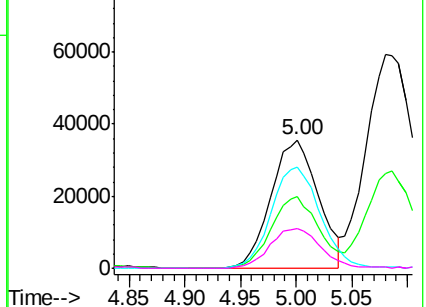


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 54.500 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX019275.D

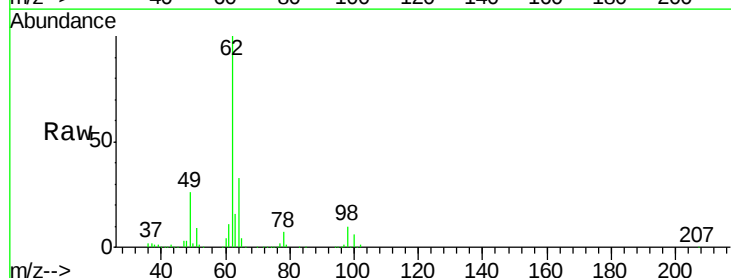
Acq: 04 Nov 2020 17:18

Tgt Ion: 62 Resp: 219019

Ion Ratio Lower Upper

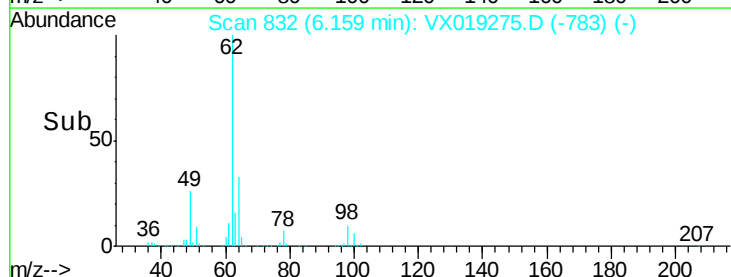
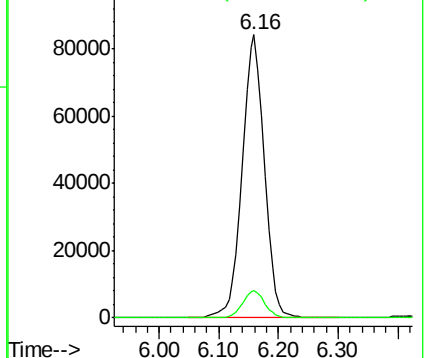
62 100

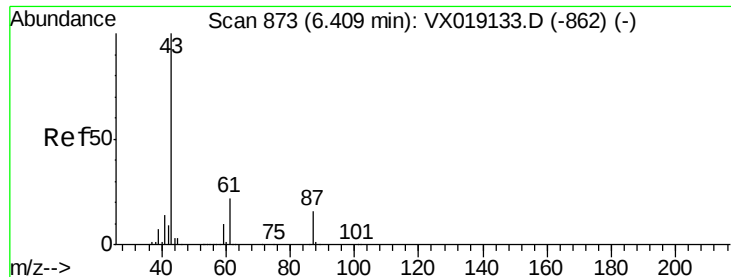
98 9.5 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



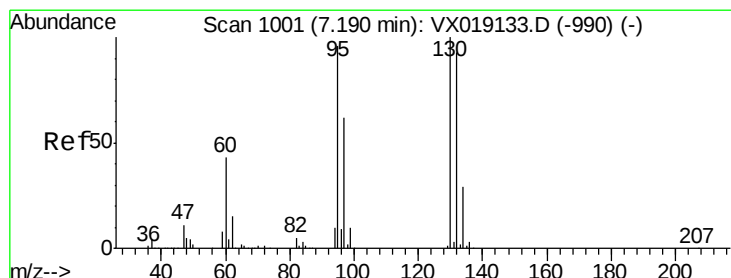
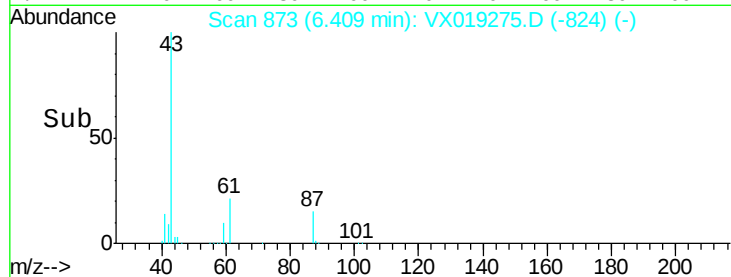
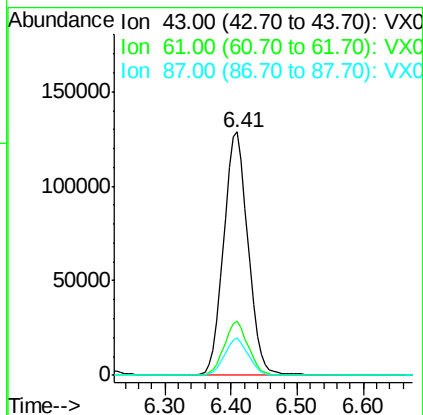
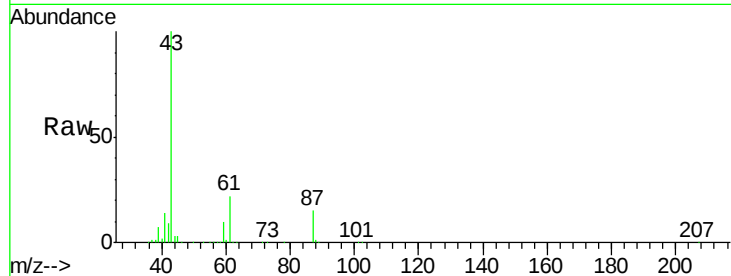


#43

Isopropyl Acetate
 Concen: 54.805 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX019275.D
 Acq: 04 Nov 2020 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

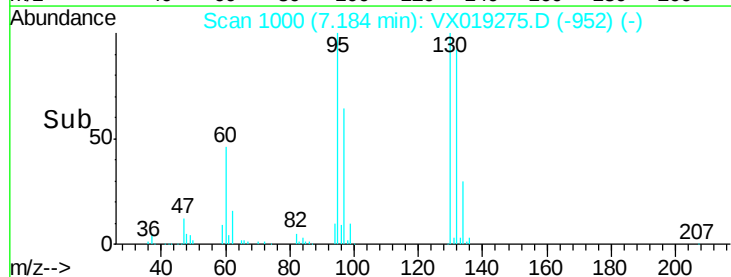
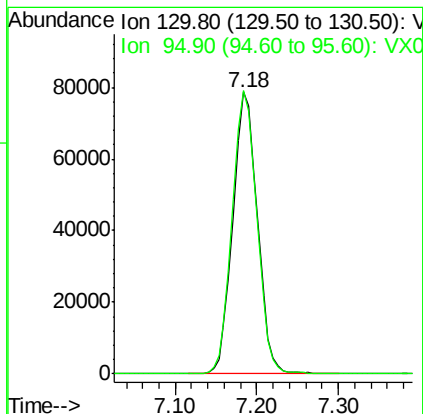
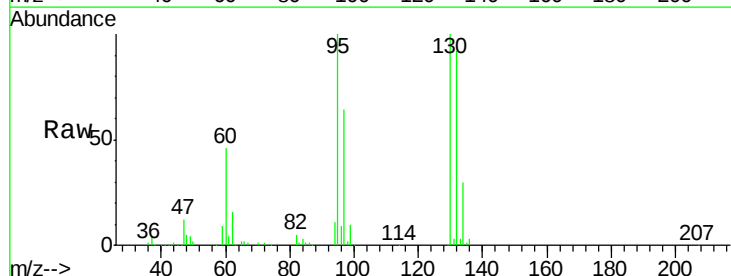
Tot Ion	43	Resp	327673
Ion Ratio	Lower	Upper	
43	100		
61	21.8	17.8	26.6
87	15.1	12.6	19.0

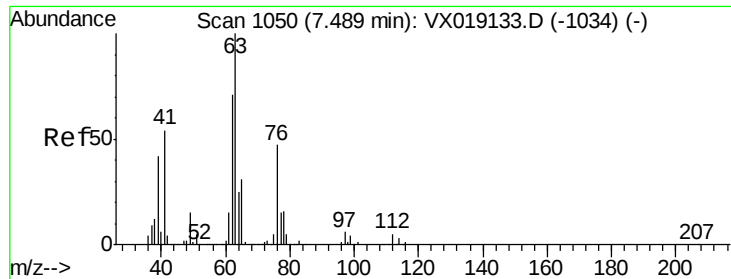


#44

Trichloroethene
 Concen: 52.347 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX019275.D
 Acq: 04 Nov 2020 17:18

Tgt Ion	130	Resp	163473
Ion Ratio	Lower	Upper	
130	100		
95	100.4	0.0	192.0





#45

1,2-Dichloropropane

Concen: 56.576 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

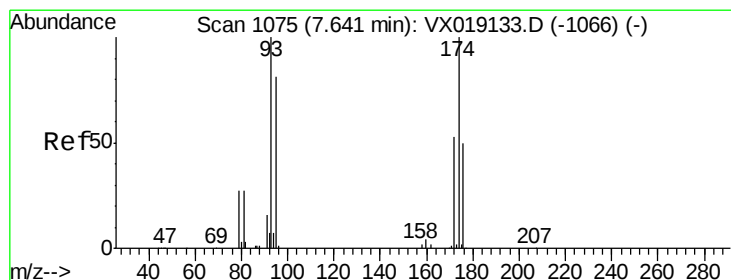
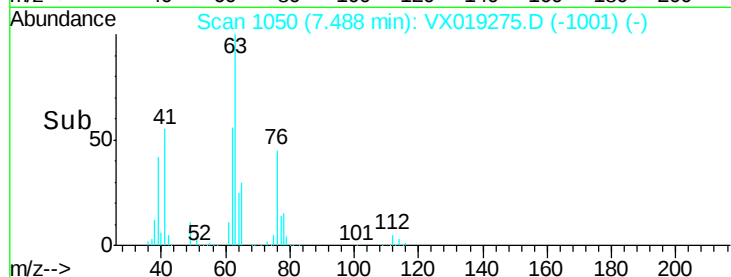
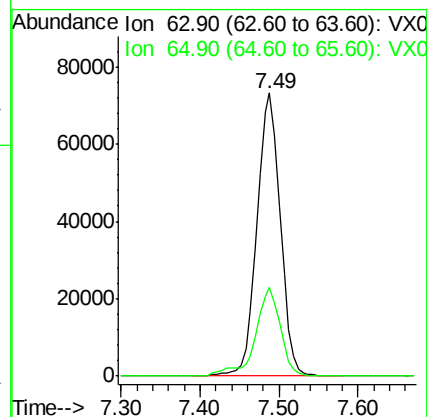
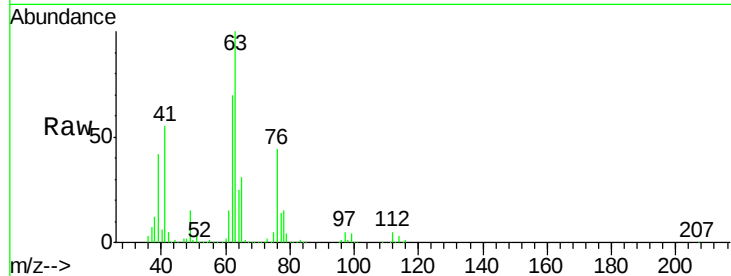
VSTDCCC050

Tot Ion: 63 Resp: 151102

Ion Ratio Lower Upper

63 100

65 31.4 25.2 37.8



#46

Dibromomethane

Concen: 53.323 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

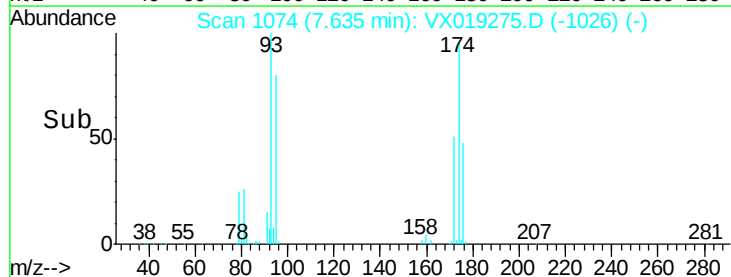
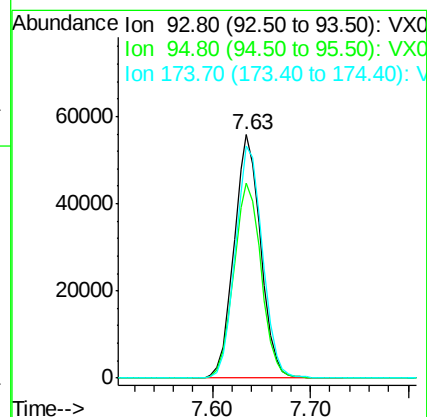
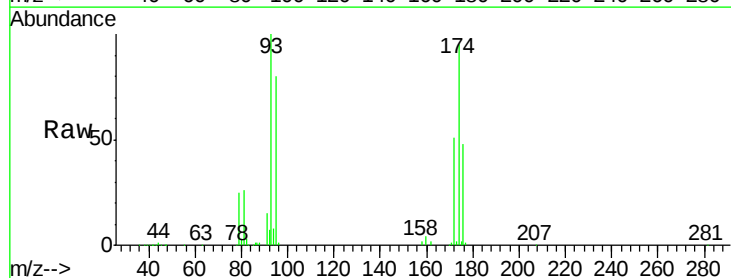
Tgt Ion: 93 Resp: 105311

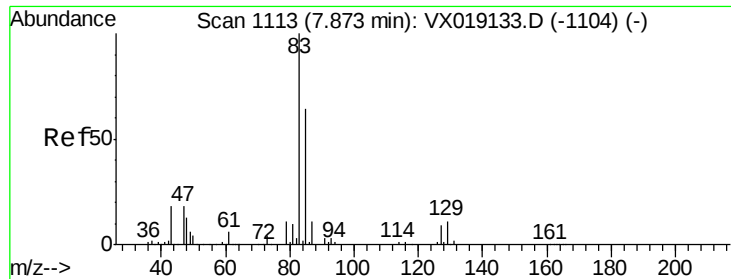
Ion Ratio Lower Upper

93 100

95 82.7 67.0 100.6

174 97.5 81.7 122.5





#47

Bromodichloromethane

Concen: 55.473 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

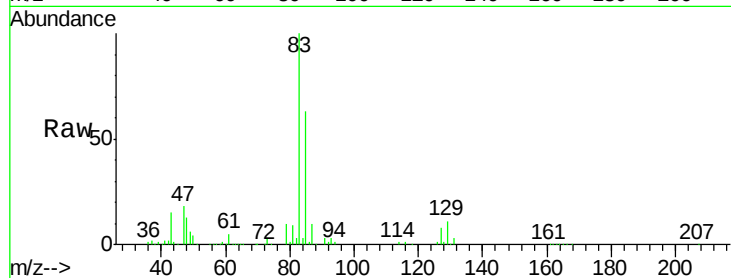
Tot Ion: 83 Resp: 215942

Ion Ratio Lower Upper

83 100

85 62.8 51.2 76.8

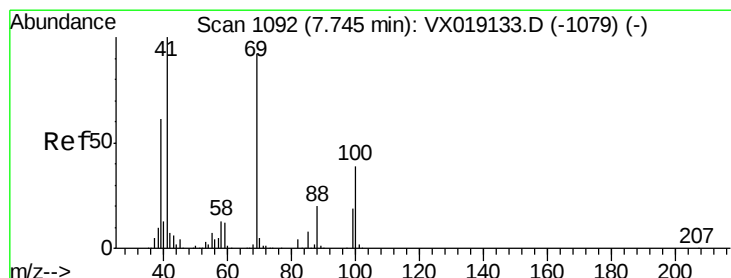
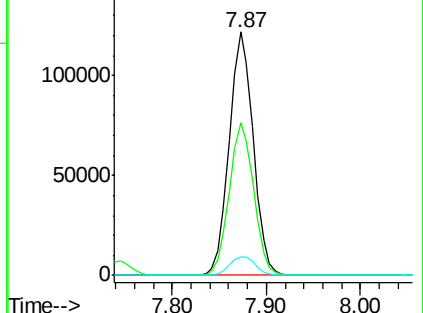
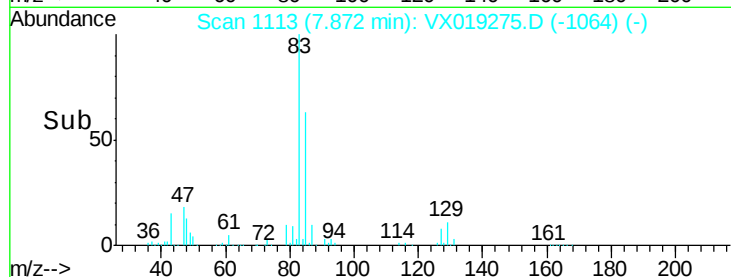
127 7.5 7.1 10.7



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: 55.901 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

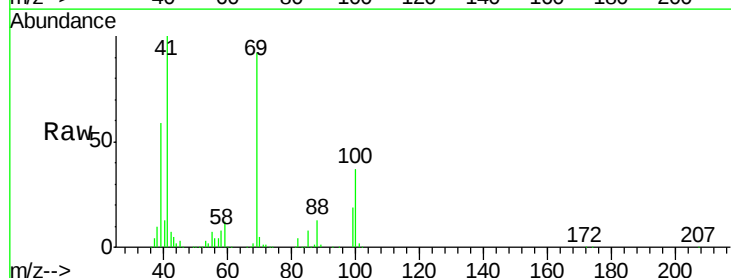
Tgt Ion: 41 Resp: 160869

Ion Ratio Lower Upper

41 100

69 92.0 75.5 113.3

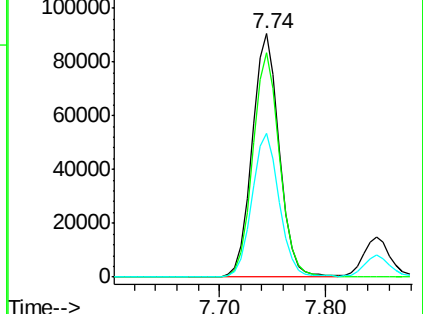
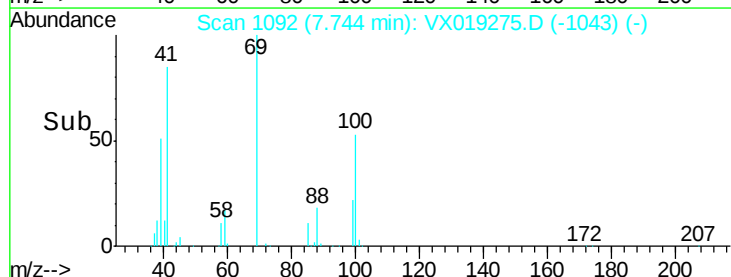
39 59.4 48.9 73.3

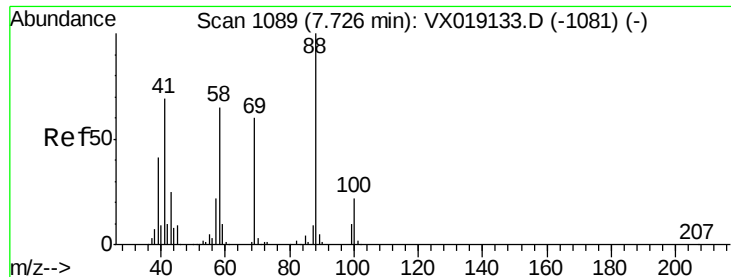


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

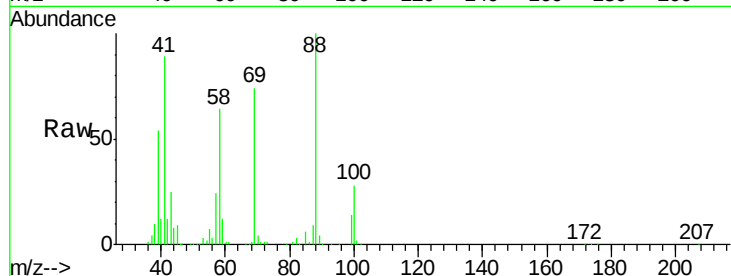




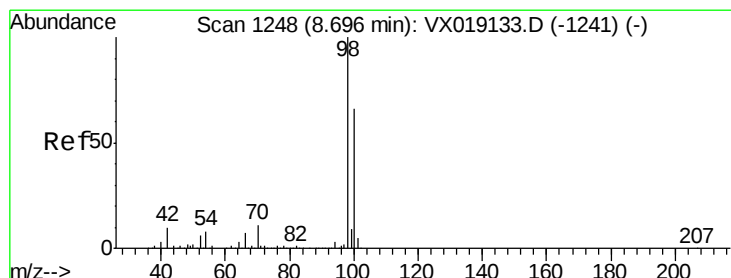
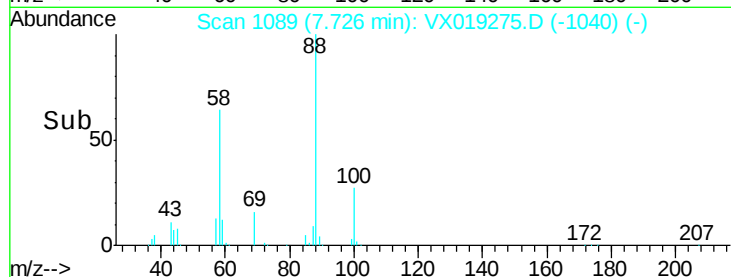
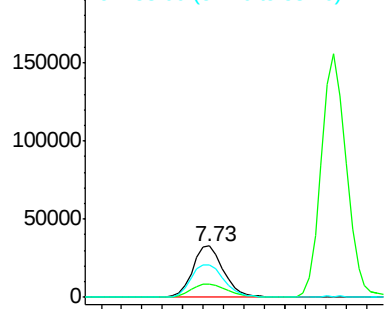
#49
1,4-Dioxane
Concen: 1080.170 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 69128
Ion Ratio Lower Upper
88 100
43 29.9 23.0 34.6
58 69.2 52.2 78.2

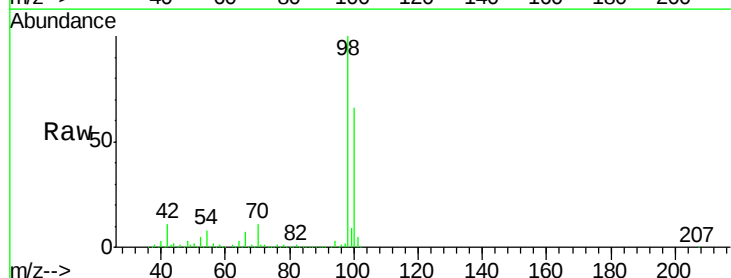


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

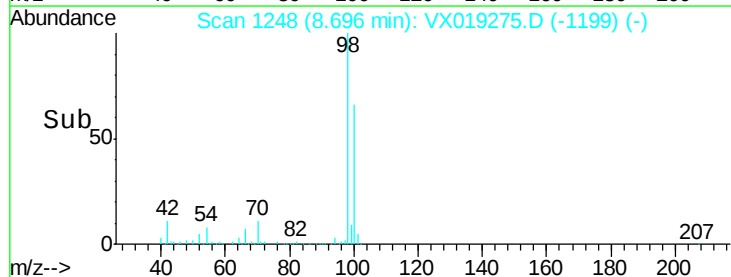
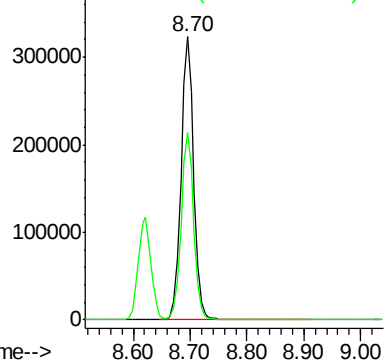


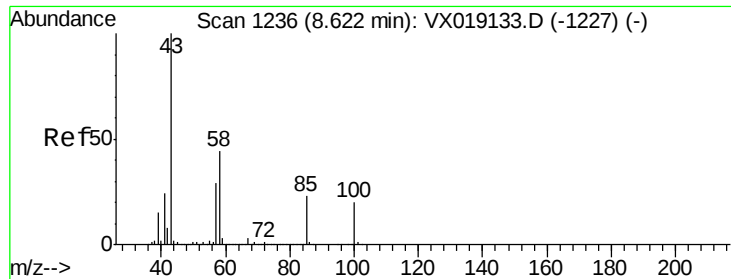
#50
Toluene-d8
Concen: 50.203 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Tgt Ion: 98 Resp: 495078
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

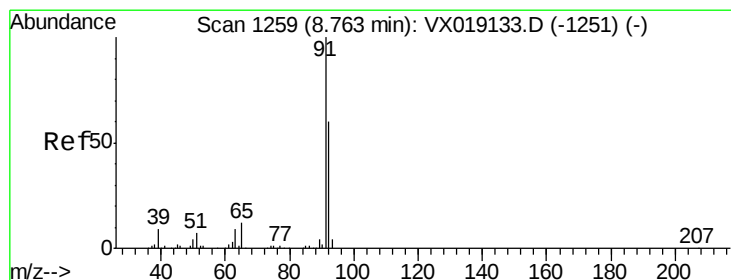
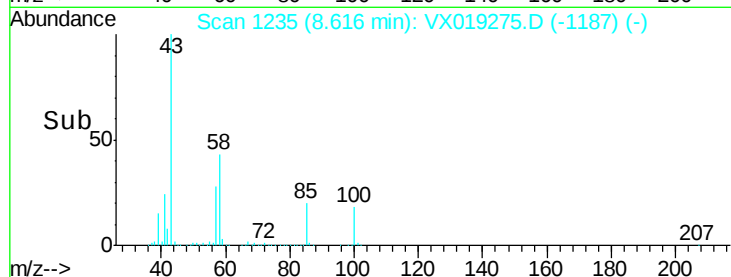
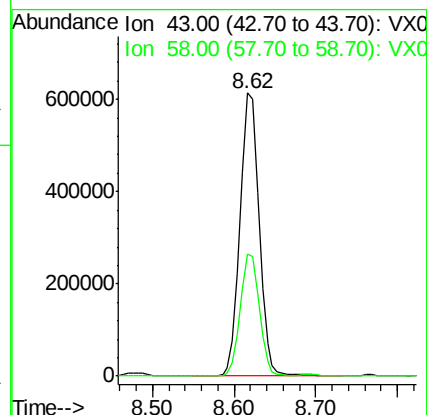
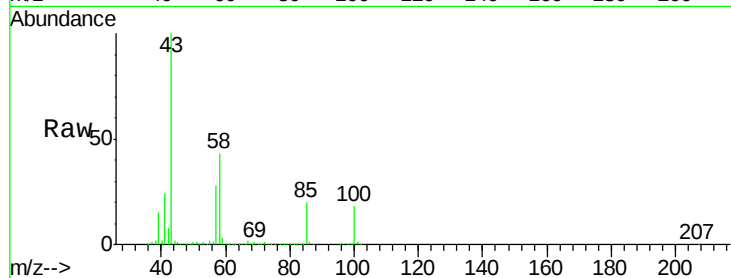




#51
 4-Methyl-2-Pentanone
 Concen: 287.706 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX019275.D
 Acq: 04 Nov 2020 17:18

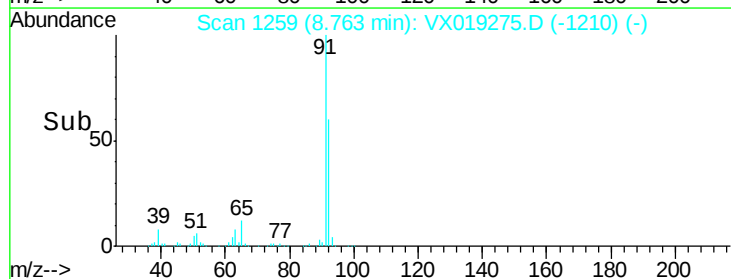
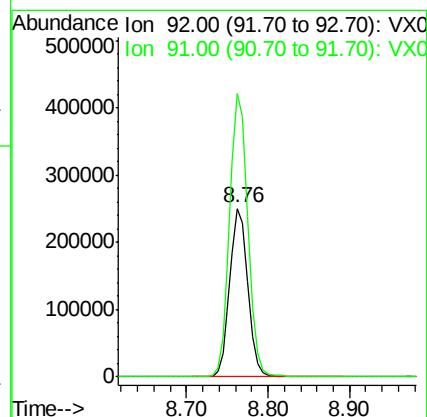
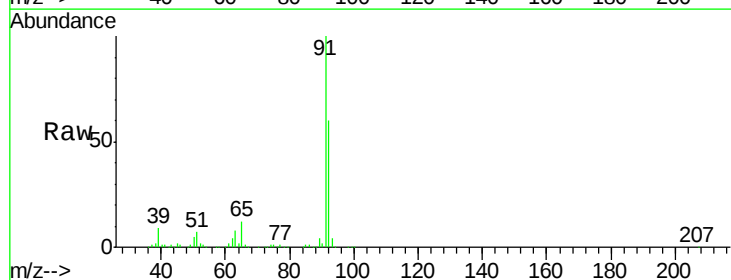
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

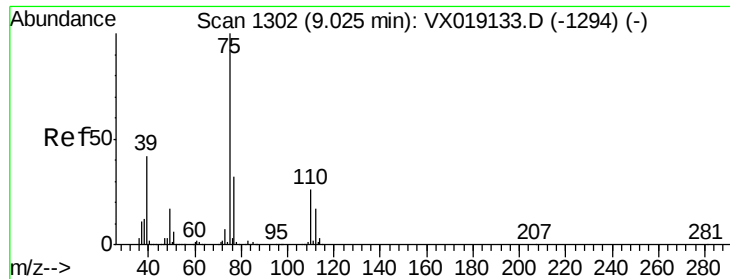
Tot Ion: 43 Resp: 988673
 Ion Ratio Lower Upper
 43 100
 58 43.2 35.0 52.4



#52
 Toluene
 Concen: 54.494 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX019275.D
 Acq: 04 Nov 2020 17:18

Tgt Ion: 92 Resp: 382704
 Ion Ratio Lower Upper
 92 100
 91 169.8 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 53.788 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

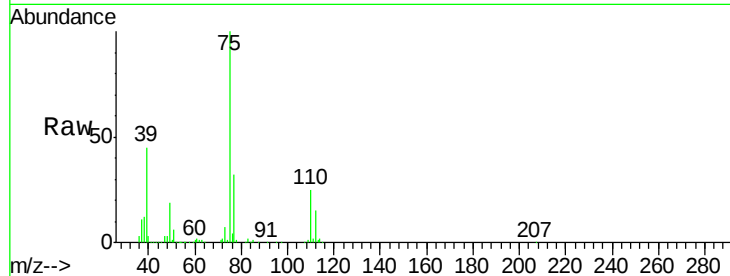
VSTDCCC050

Tot Ion: 75 Resp: 239156

Ion Ratio Lower Upper

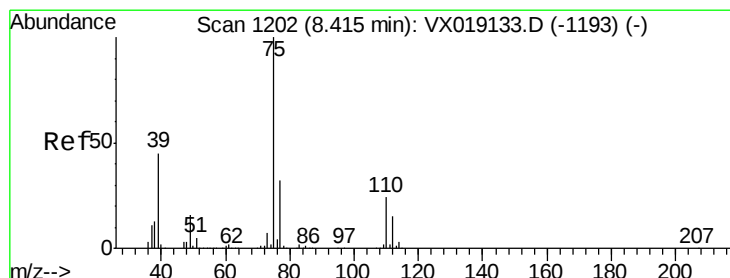
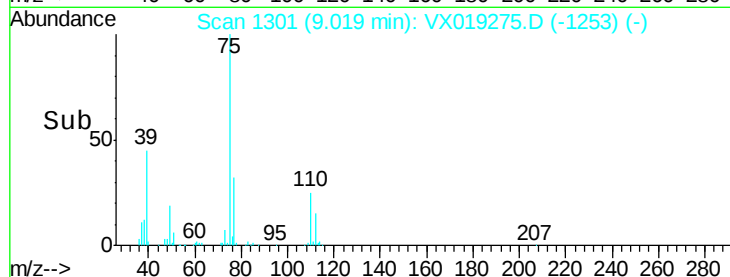
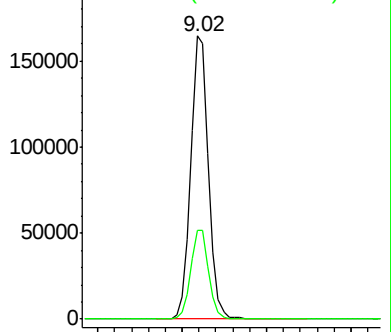
75 100

77 31.5 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: 55.197 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

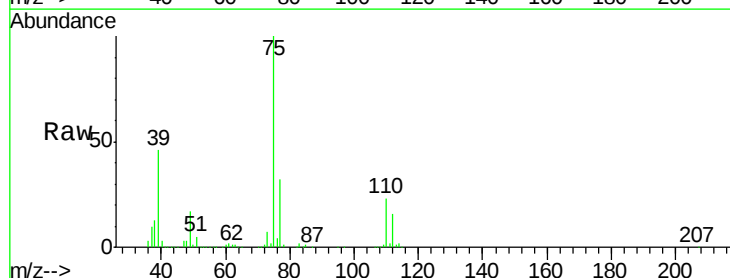
Tgt Ion: 75 Resp: 258074

Ion Ratio Lower Upper

75 100

77 31.5 25.5 38.3

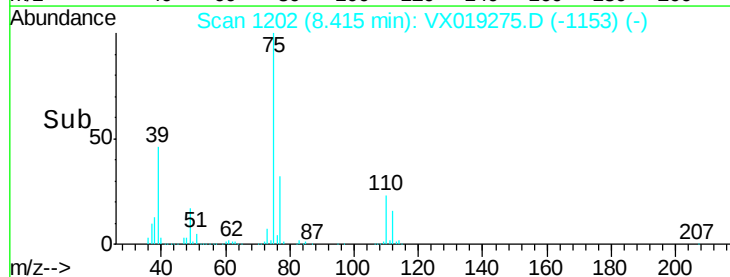
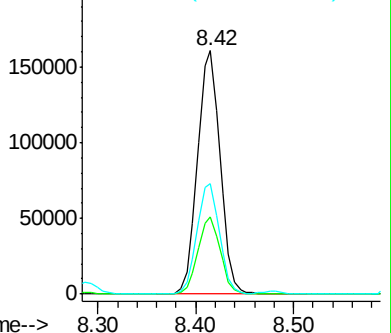
39 45.6 36.2 54.2

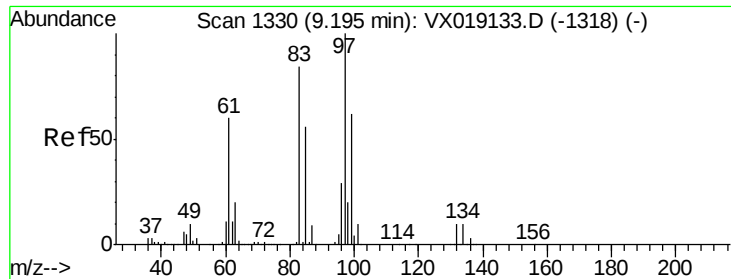


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 54.752 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 151929

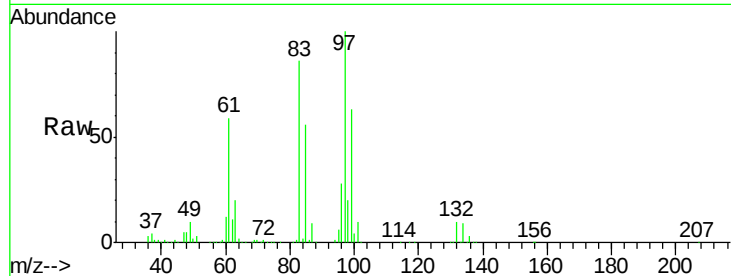
Ion Ratio Lower Upper

97 100

83 86.4 67.2 100.8

85 56.2 44.6 67.0

99 62.6 49.4 74.0

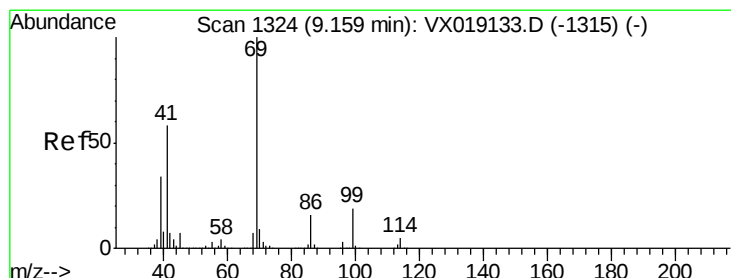
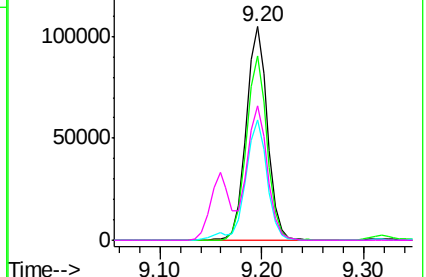
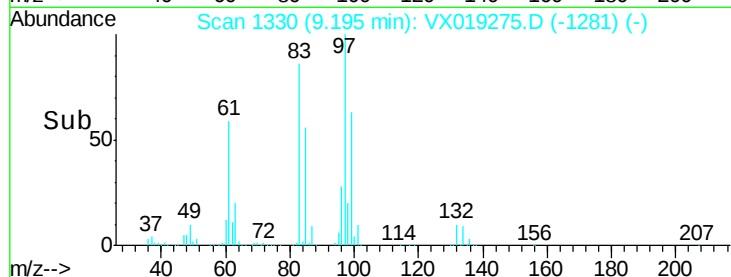


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 55.414 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

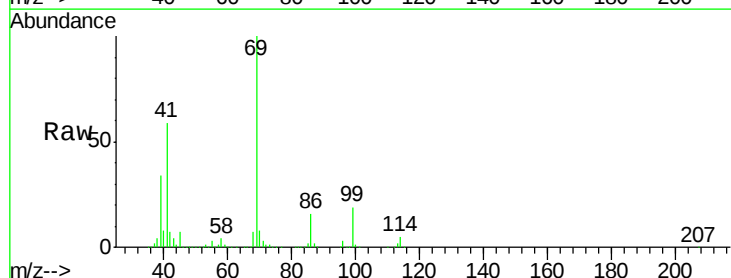
Tgt Ion: 69 Resp: 232256

Ion Ratio Lower Upper

69 100

41 60.2 46.5 69.7

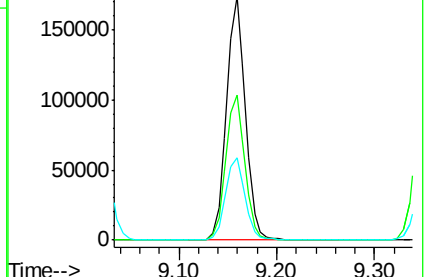
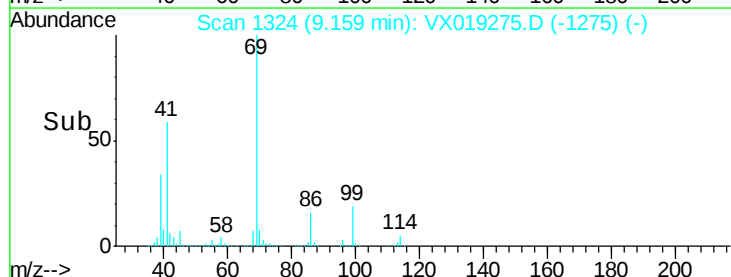
39 35.0 27.6 41.4

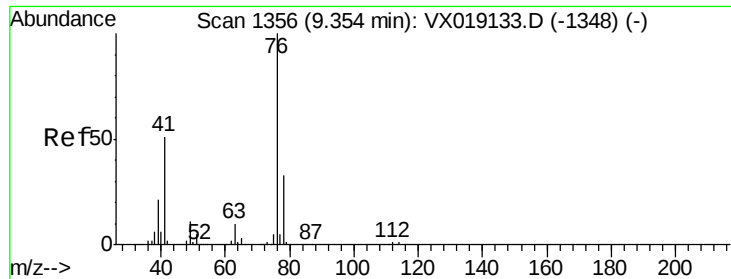


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 54.722 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

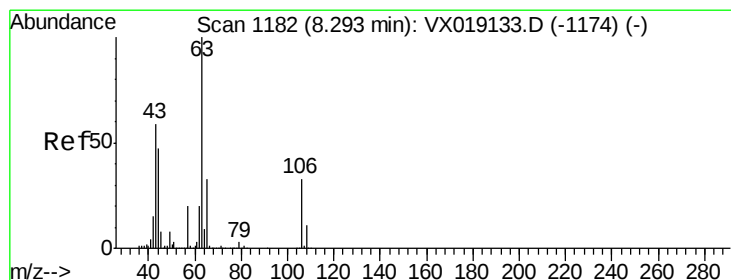
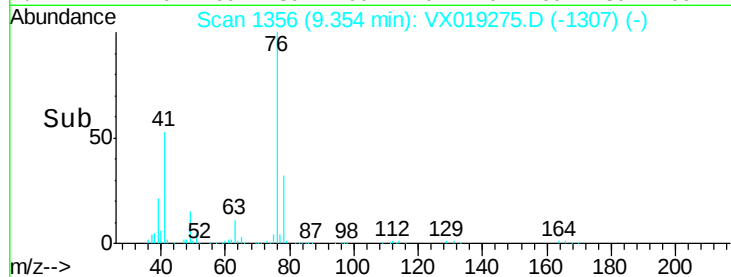
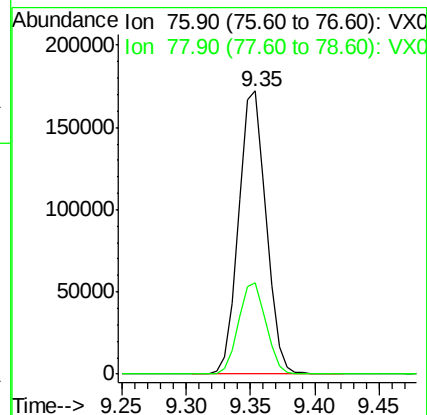
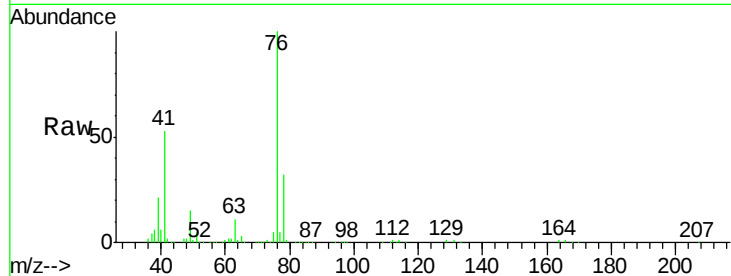
VSTDCCC050

Tot Ion: 76 Resp: 256012

Ion Ratio Lower Upper

76 100

78 32.3 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 267.079 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX019275.D

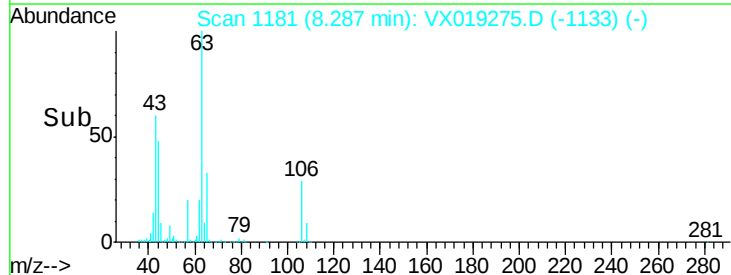
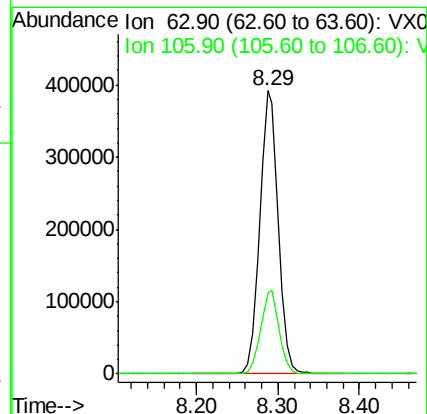
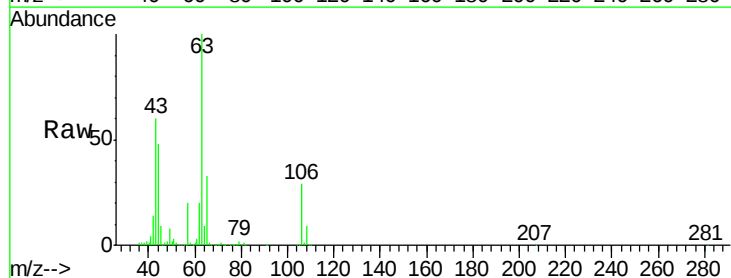
Acq: 04 Nov 2020 17:18

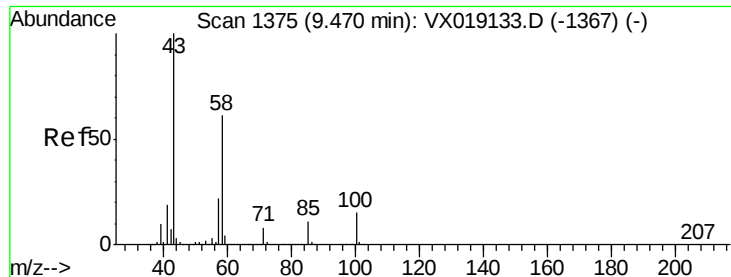
Tgt Ion: 63 Resp: 626038

Ion Ratio Lower Upper

63 100

106 29.6 25.1 37.7

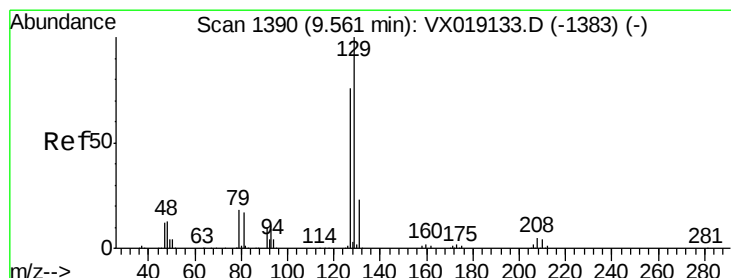
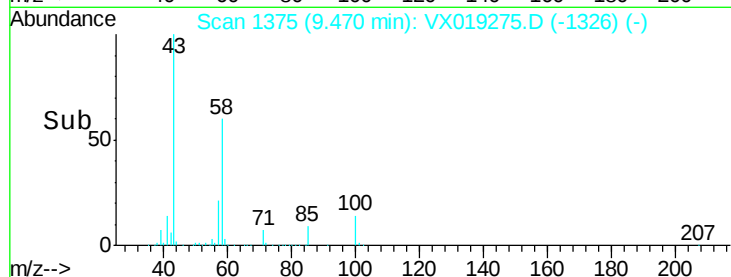
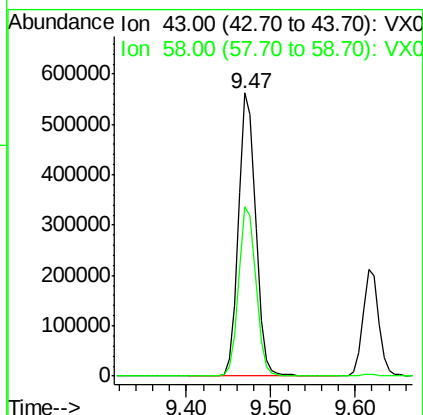
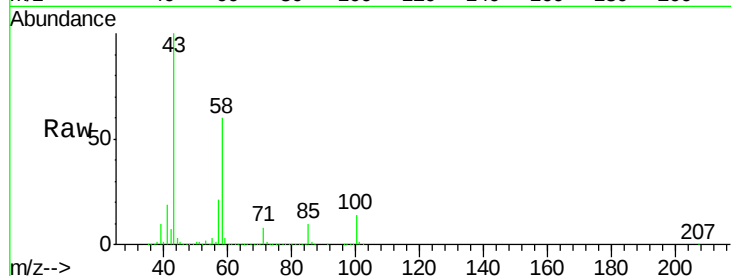




#59
2-Hexanone
Concen: 292.631 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

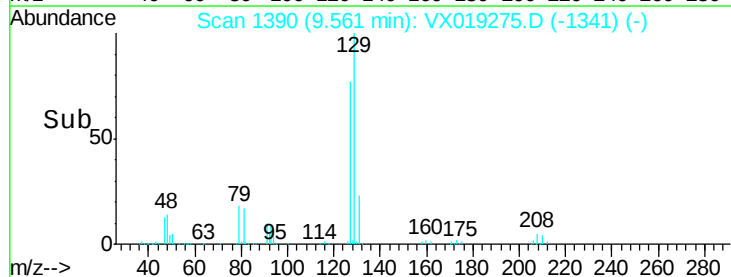
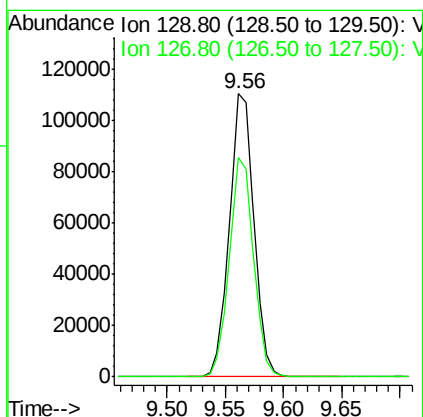
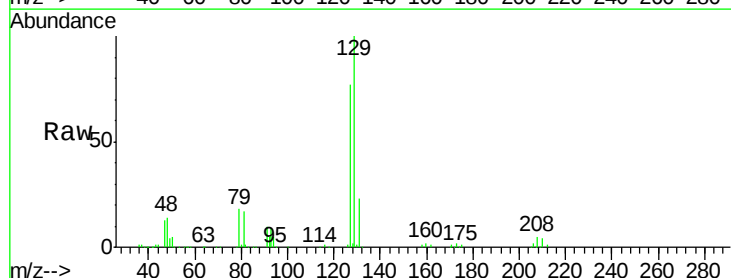
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 765470
Ion Ratio Lower Upper
43 100
58 60.2 30.5 91.5



#60
Dibromochloromethane
Concen: 54.127 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Tgt Ion: 129 Resp: 163000
Ion Ratio Lower Upper
129 100
127 76.3 38.6 115.8

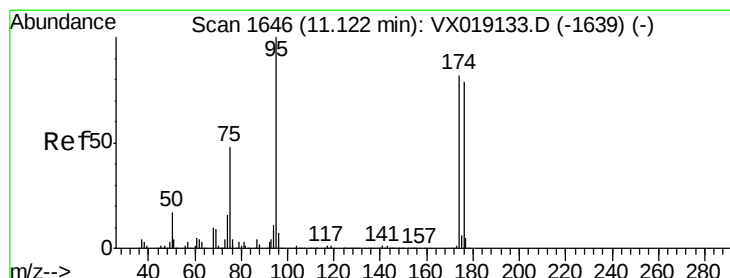
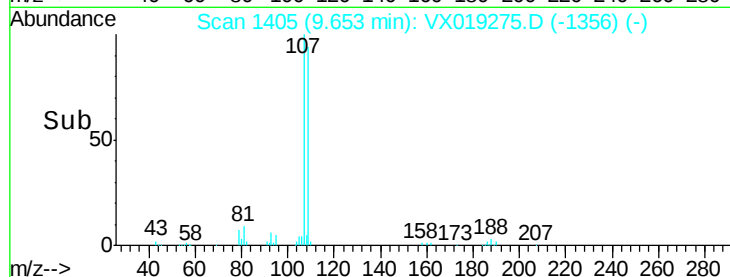
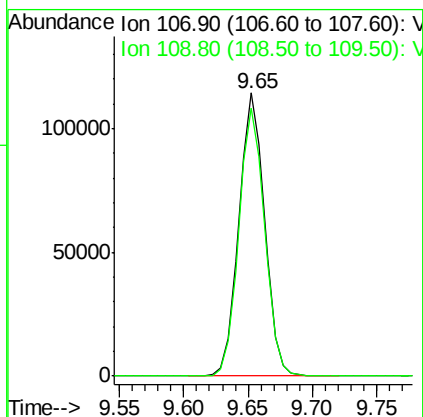
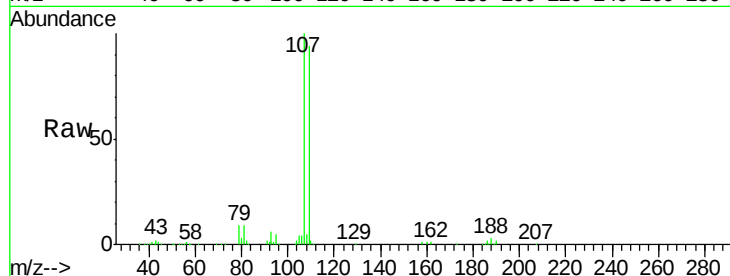




#61
 1,2-Dibromoethane
 Concen: 52.806 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019275.D
 Acq: 04 Nov 2020 17:18

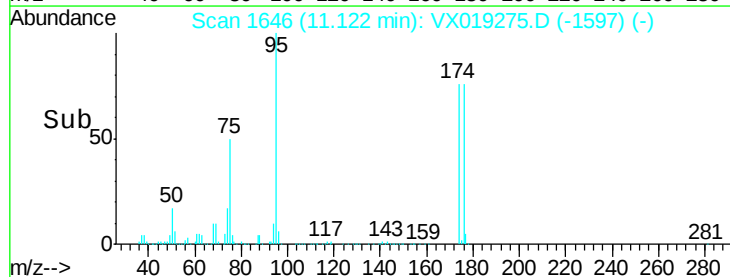
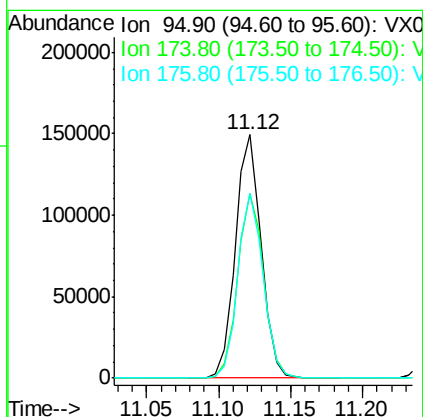
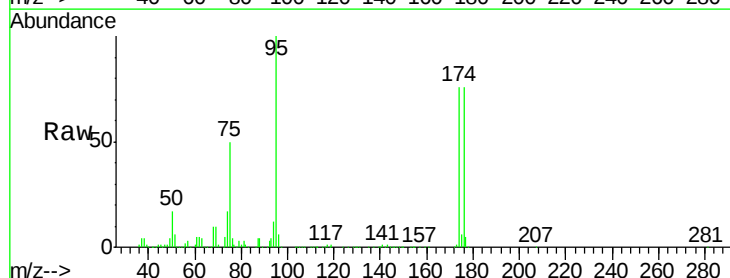
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

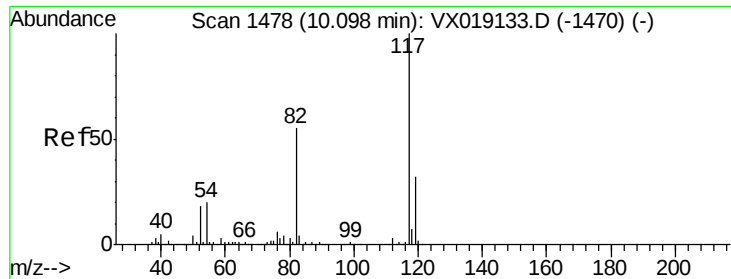
Tot Ion:107 Resp: 156690
 Ion Ratio Lower Upper
 107 100
 109 96.0 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 49.913 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019275.D
 Acq: 04 Nov 2020 17:18

Tgt Ion: 95 Resp: 186406
 Ion Ratio Lower Upper
 95 100
 174 76.0 0.0 156.0
 176 74.7 0.0 149.8

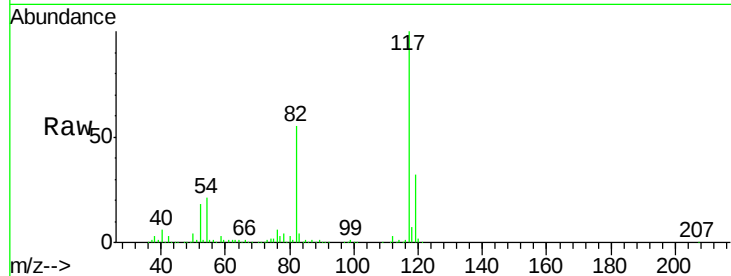




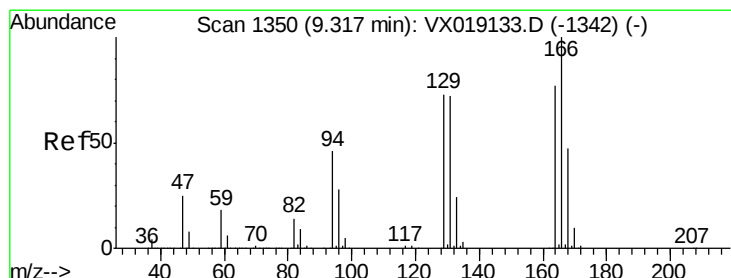
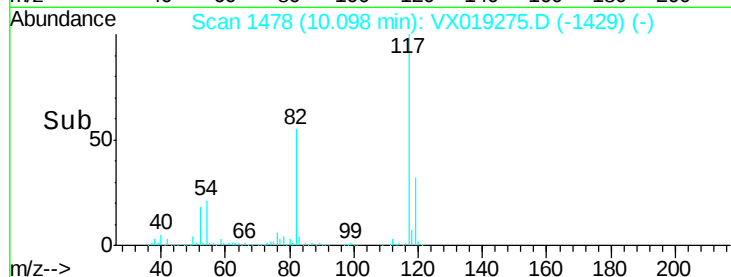
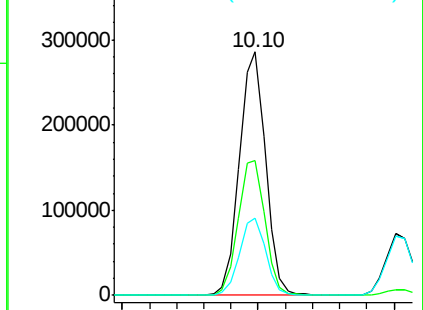
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 384944
Ion Ratio Lower Upper
117 100
82 55.2 43.6 65.4
119 31.8 25.5 38.3

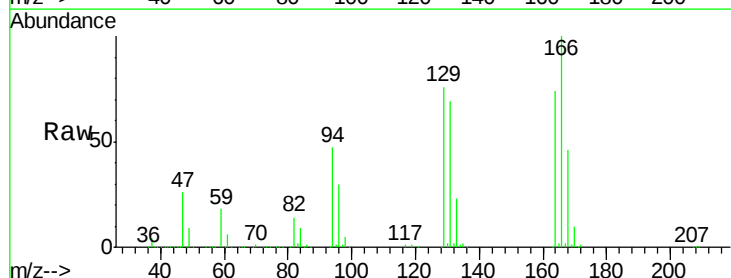


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

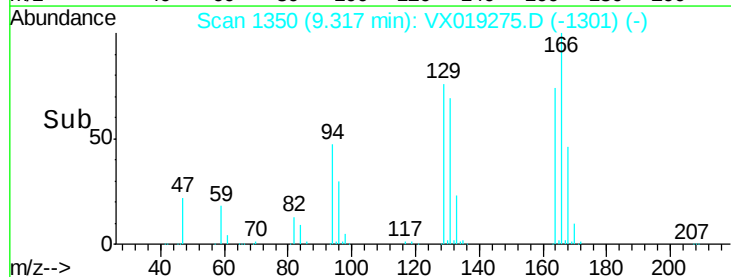
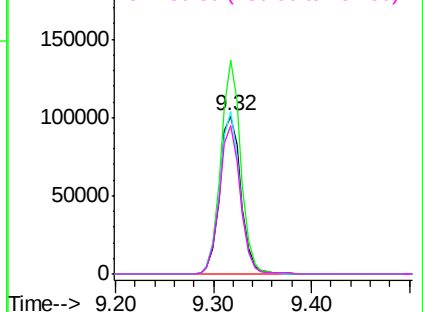


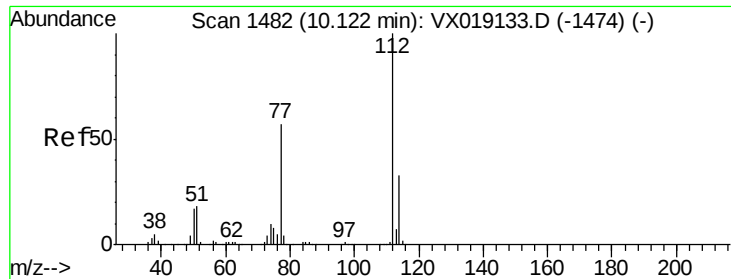
#64
Tetrachloroethene
Concen: 51.609 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Tgt Ion:164 Resp: 151362
Ion Ratio Lower Upper
164 100
166 135.3 104.1 156.1
129 103.2 76.2 114.4
131 94.0 74.6 112.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 50.702 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

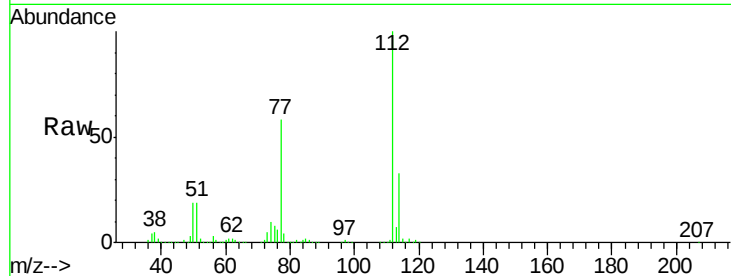
VSTDCCC050

Tot Ion:112 Resp: 398918

Ion Ratio Lower Upper

112 100

114 32.8 26.1 39.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

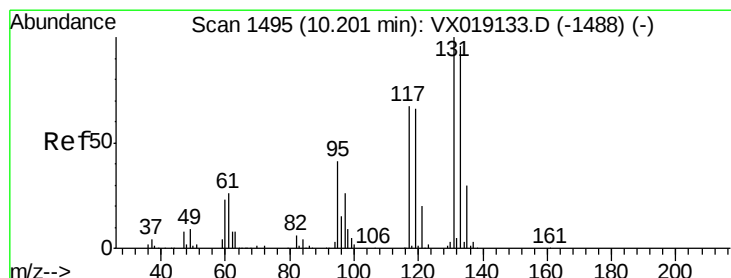
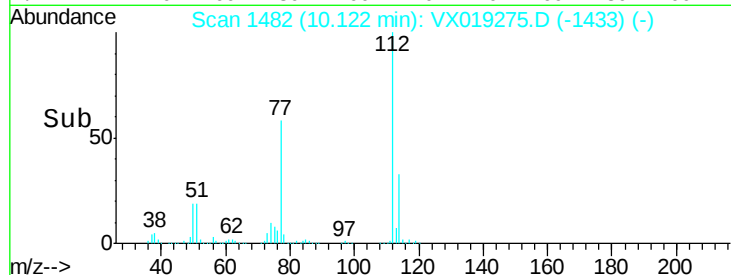
300000

200000

100000

0

Time--> 10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 52.216 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

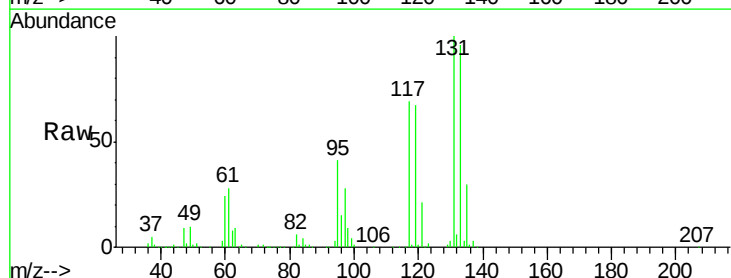
Tgt Ion:131 Resp: 147901

Ion Ratio Lower Upper

131 100

133 95.3 47.3 141.8

119 65.7 32.3 96.9



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

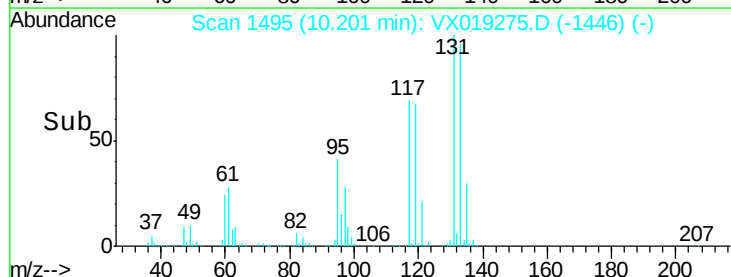
10.20

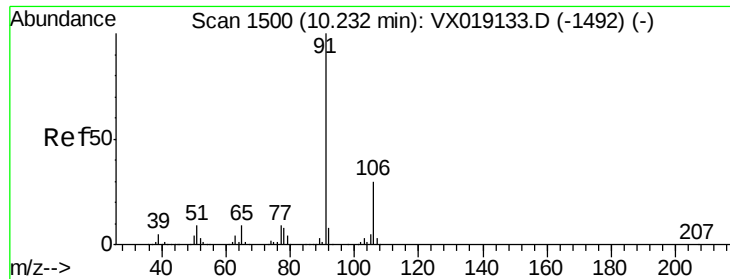
100000

50000

0

Time--> 10.10 10.20 10.30





#67

Ethyl Benzene

Concen: 52.561 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

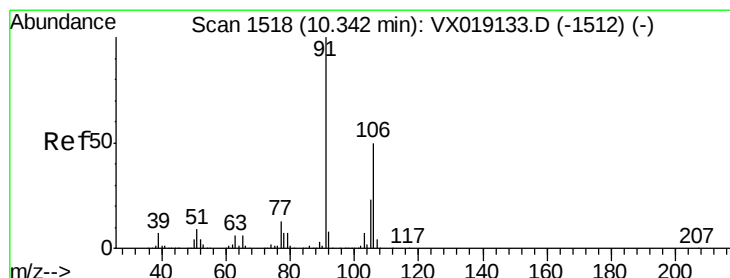
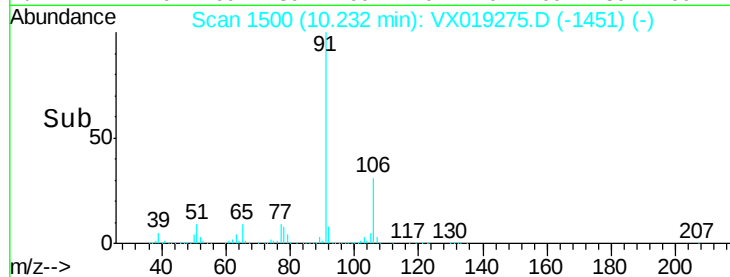
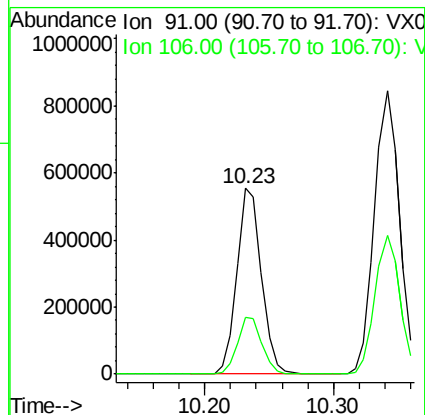
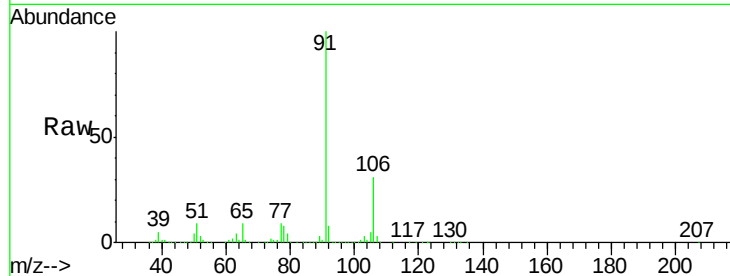
VSTDCCC050

Tot Ion: 91 Resp: 736904

Ion Ratio Lower Upper

91 100

106 30.7 24.3 36.5



#68

m/p-Xylenes

Concen: 105.014 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019275.D

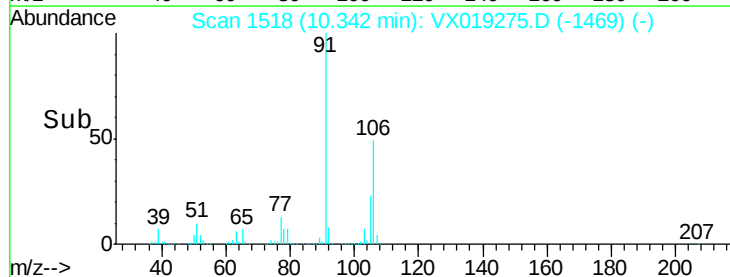
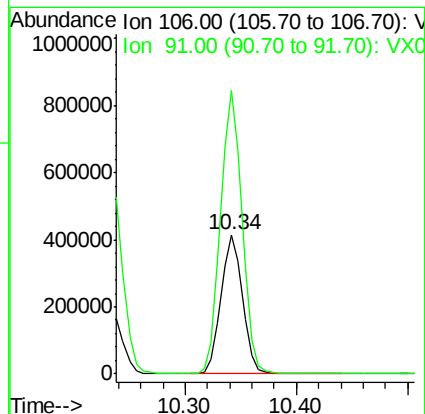
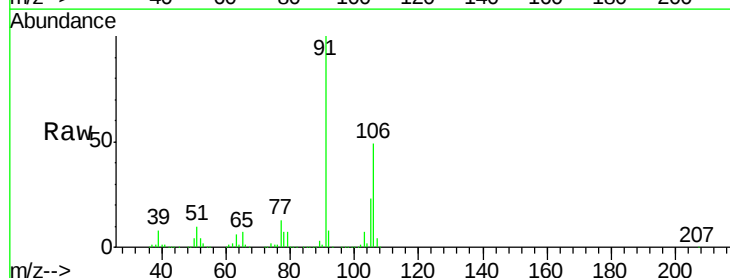
Acq: 04 Nov 2020 17:18

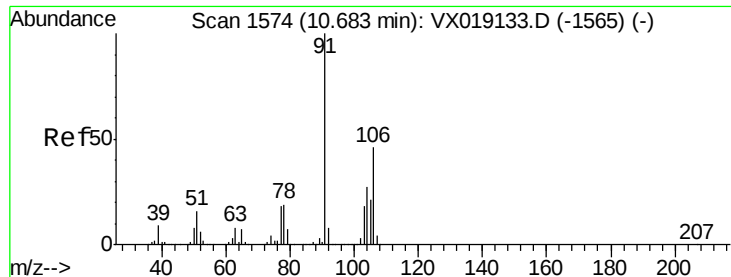
Tgt Ion: 106 Resp: 552573

Ion Ratio Lower Upper

106 100

91 205.1 161.0 241.4

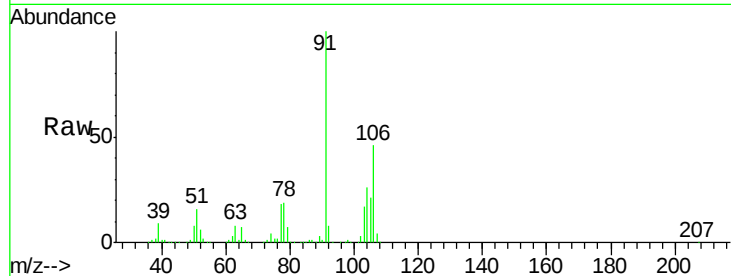




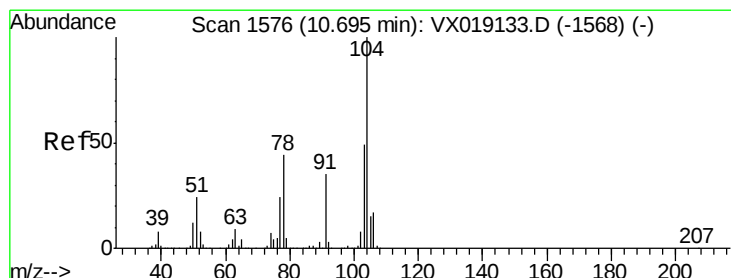
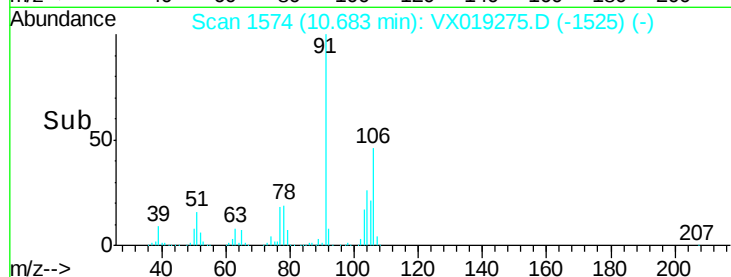
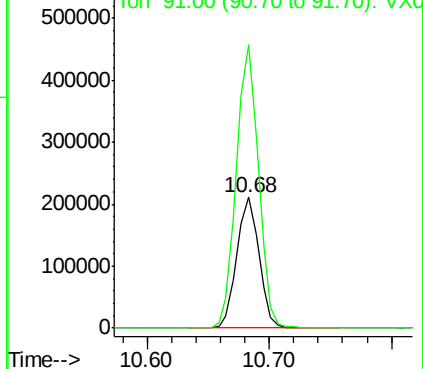
#69
o-Xylene
Concen: 52.911 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 264074
Ion Ratio Lower Upper
106 100
91 215.8 108.3 324.8

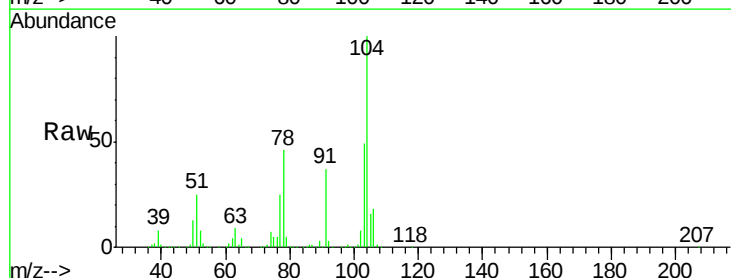


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

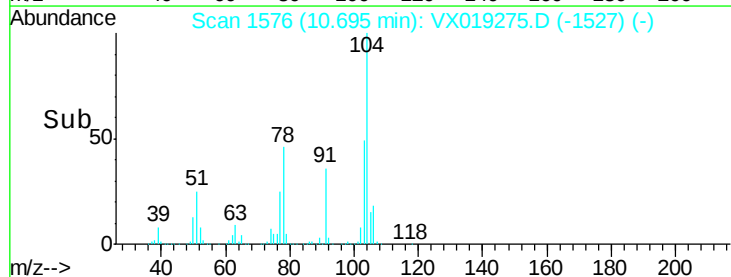
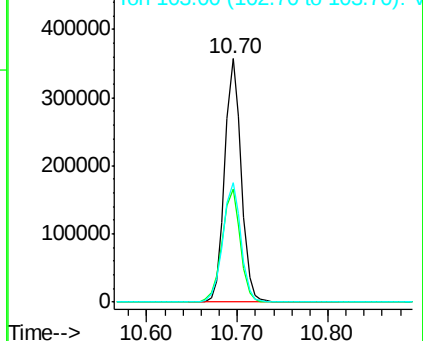


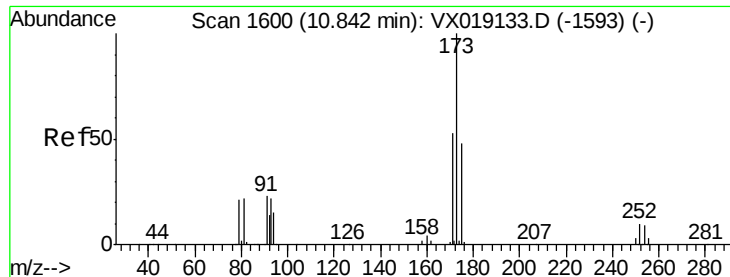
#70
Styrene
Concen: 53.066 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Tgt Ion:104 Resp: 451889
Ion Ratio Lower Upper
104 100
78 51.1 40.0 60.0
103 53.7 43.5 65.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 50.172 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

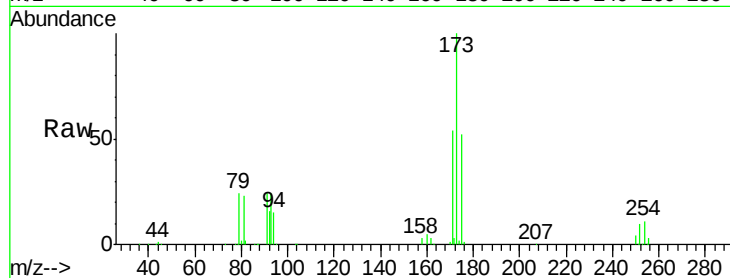
Tot Ion:173 Resp: 112673

Ion Ratio Lower Upper

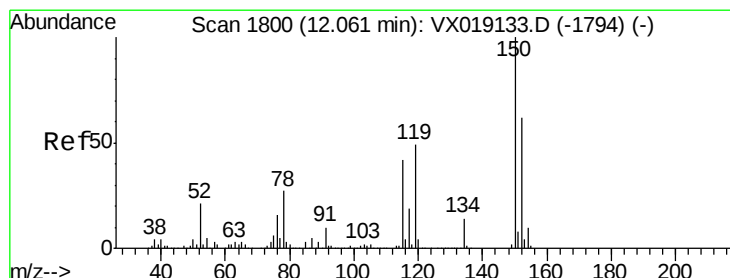
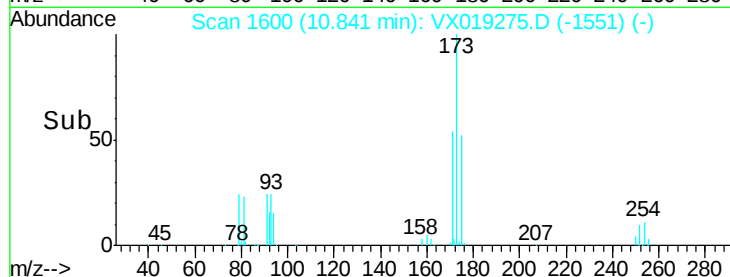
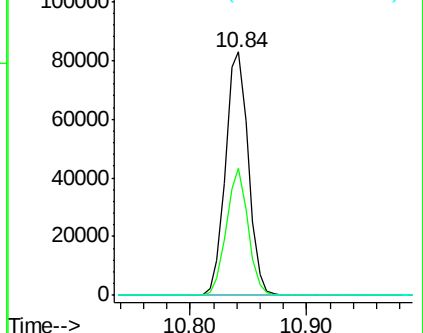
173 100

175 49.4 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: VX019275.D

Acq: 04 Nov 2020 17:18

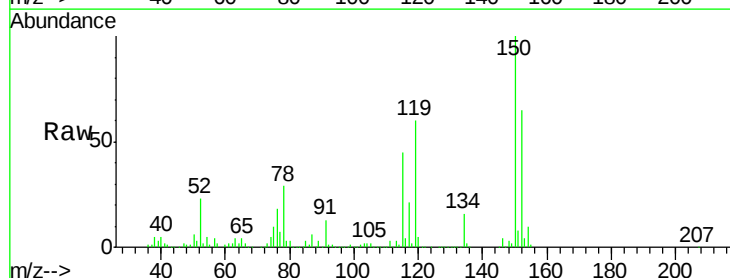
Tgt Ion:152 Resp: 197433

Ion Ratio Lower Upper

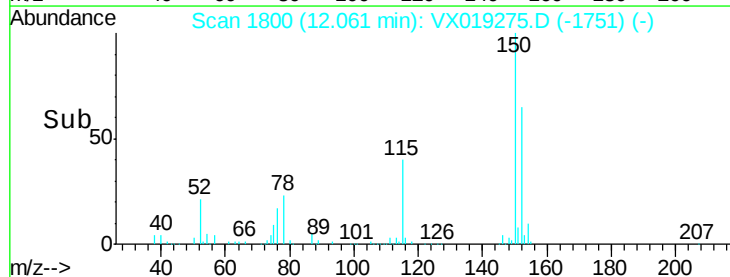
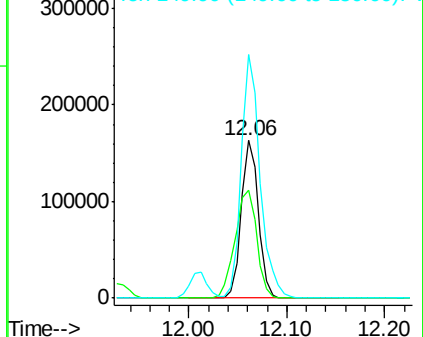
152 100

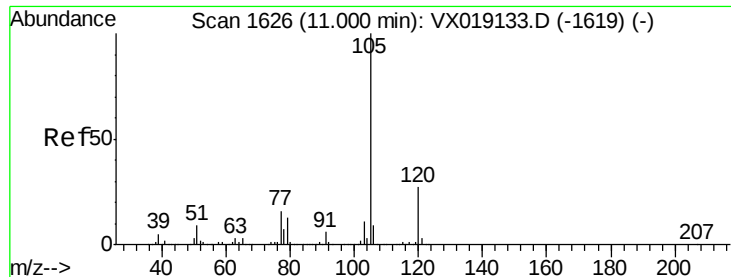
115 86.9 41.9 125.7

150 169.8 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: 51.443 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

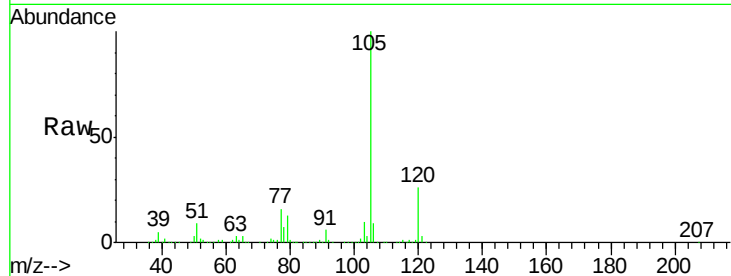
VSTDCCC050

Tot Ion:105 Resp: 718932

Ion Ratio Lower Upper

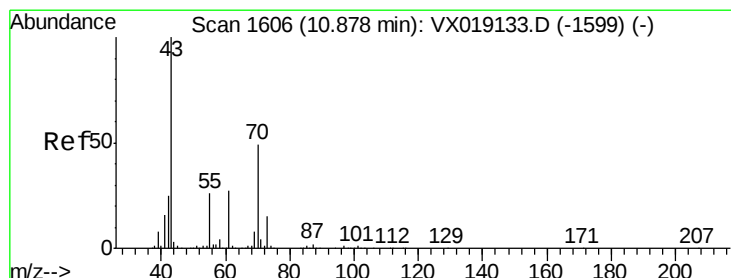
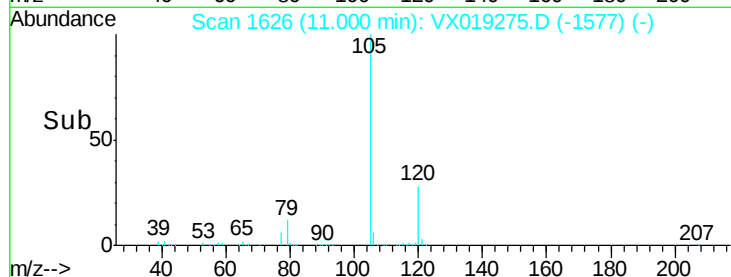
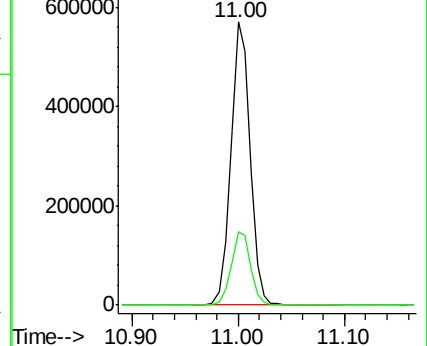
105 100

120 26.2 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: 53.510 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Tgt Ion: 43 Resp: 273425

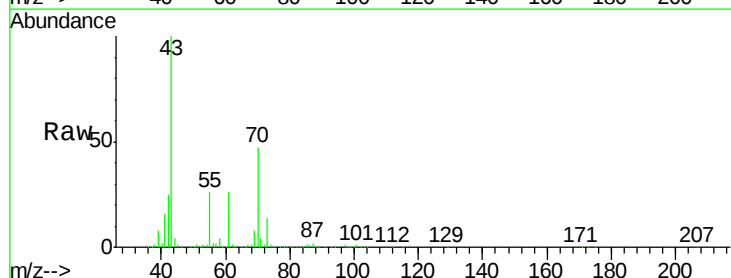
Ion Ratio Lower Upper

43 100

70 48.1 39.6 59.4

55 26.4 20.7 31.1

61 26.8 21.9 32.9

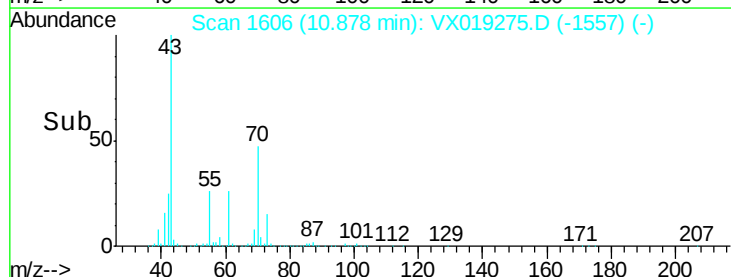
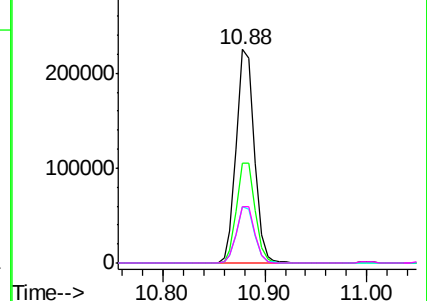


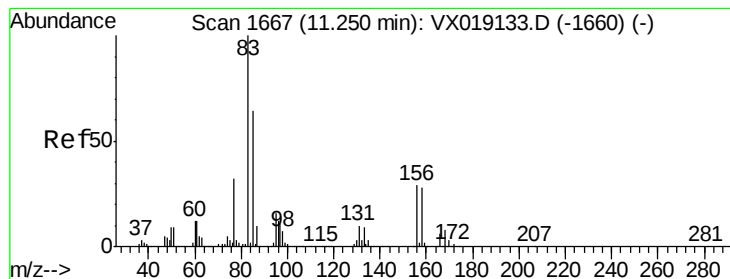
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 52.565 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

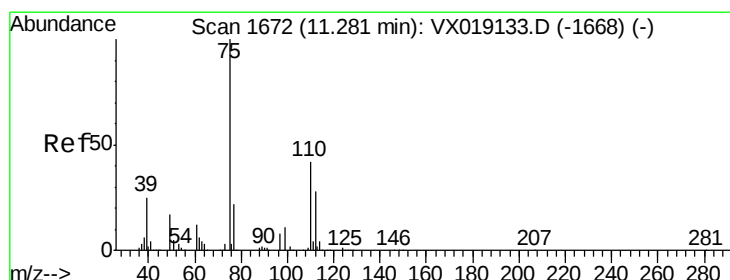
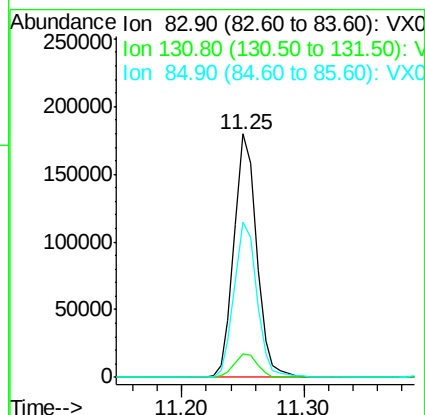
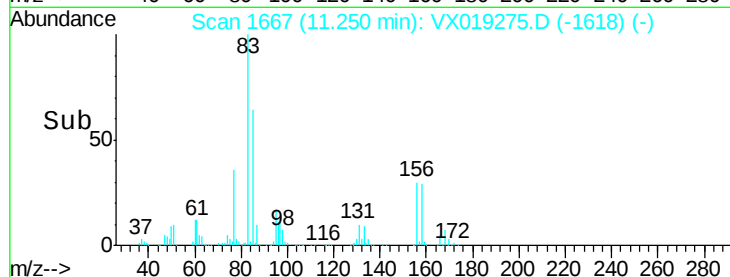
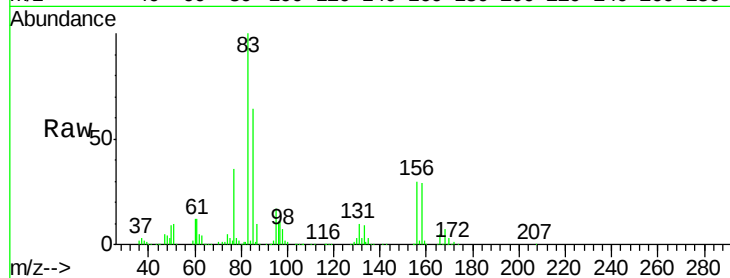
Tot Ion: 83 Resp: 229584

Ion Ratio Lower Upper

83 100

131 10.1 5.2 15.6

85 64.6 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 67.118 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019275.D

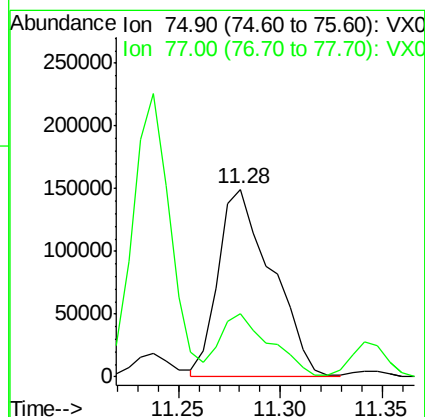
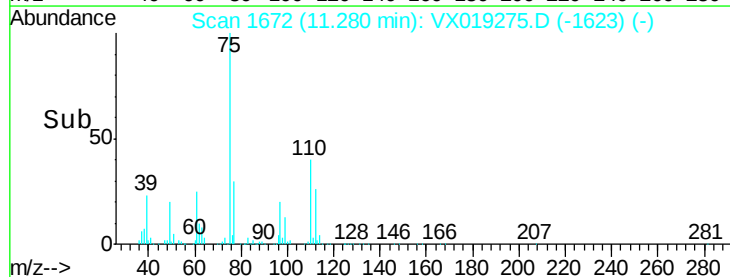
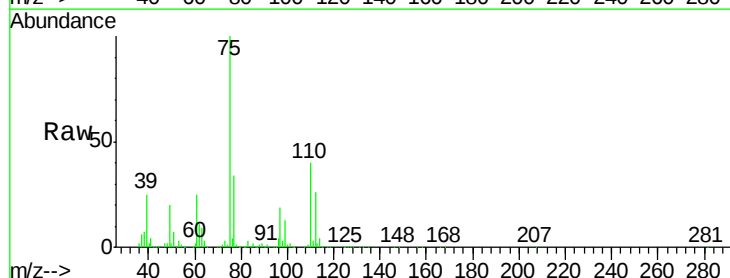
Acq: 04 Nov 2020 17:18

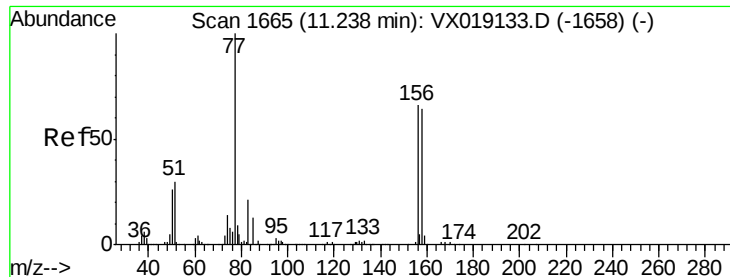
Tgt Ion: 75 Resp: 273610

Ion Ratio Lower Upper

75 100

77 31.8 20.3 60.9





#77

Bromobenzene

Concen: 49.171 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

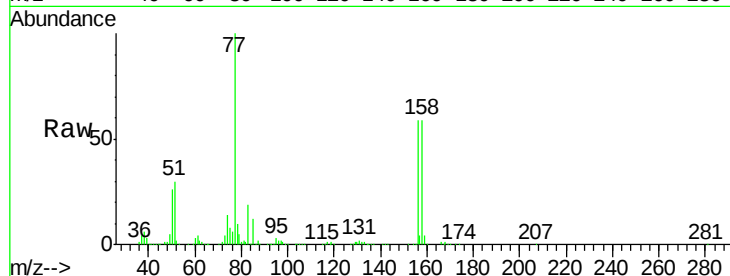
Tot Ion:156 Resp: 170549

Ion Ratio Lower Upper

156 100

77 168.1 77.7 233.1

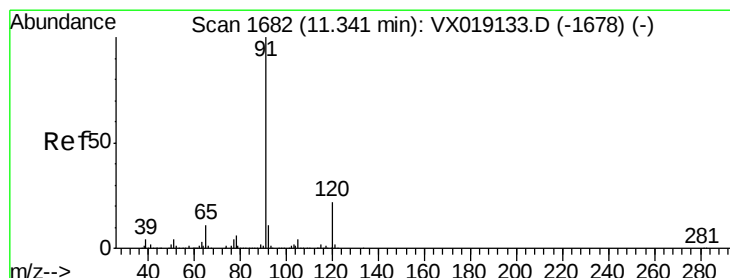
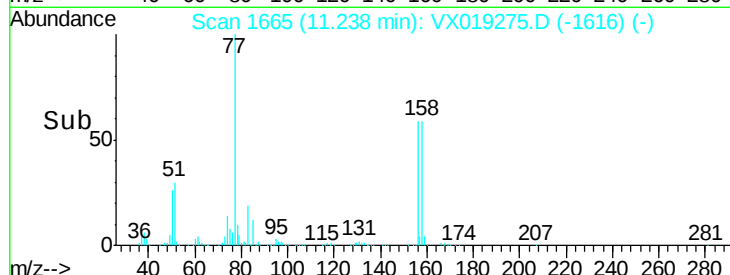
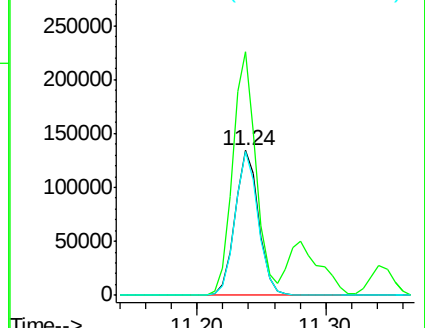
158 97.9 48.3 144.8



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: 53.537 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019275.D

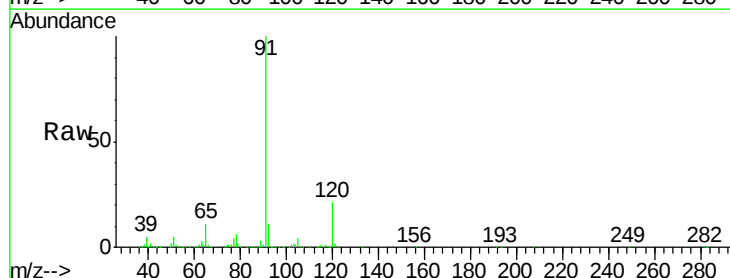
Acq: 04 Nov 2020 17:18

Tgt Ion: 91 Resp: 854093

Ion Ratio Lower Upper

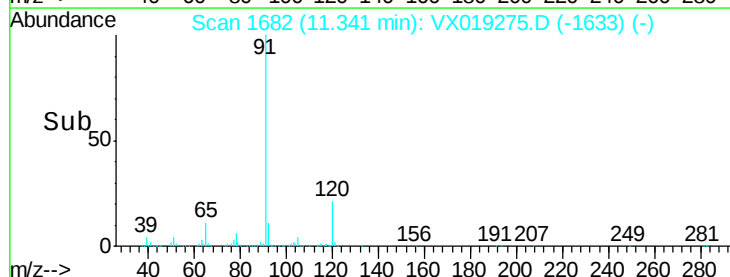
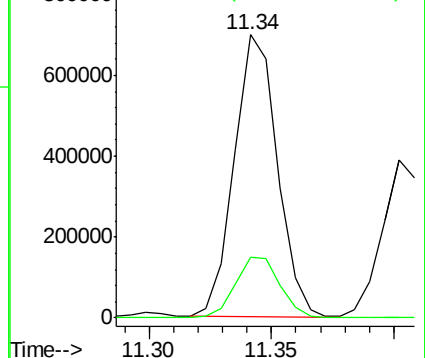
91 100

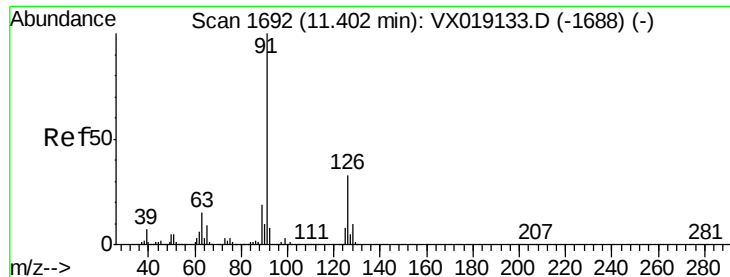
120 22.4 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

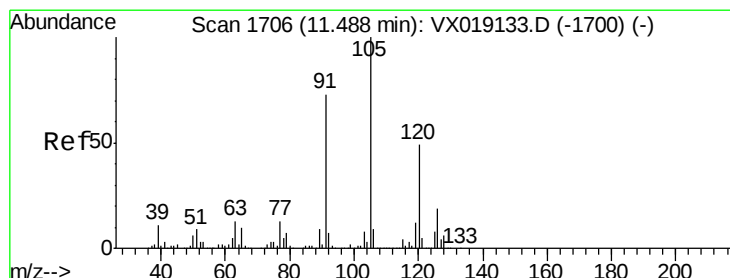
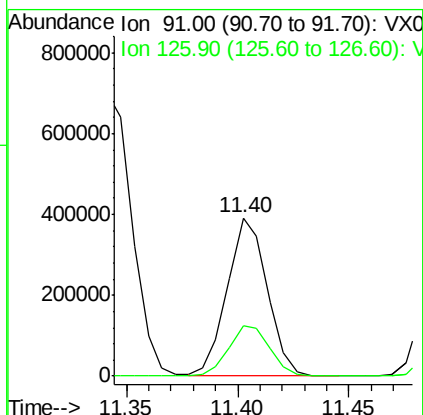
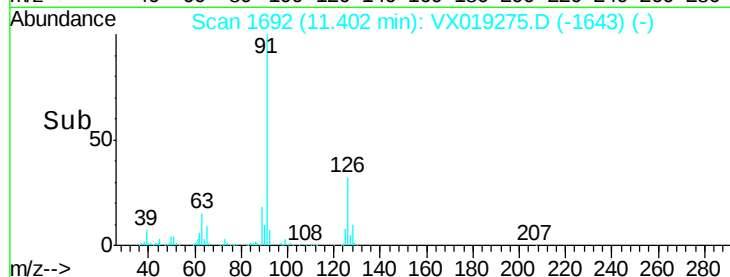
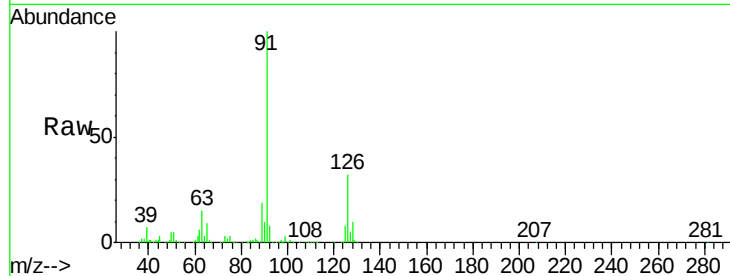




#79
2-Chlorotoluene
Concen: 51.985 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

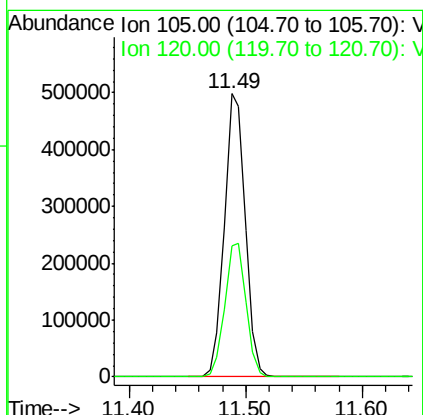
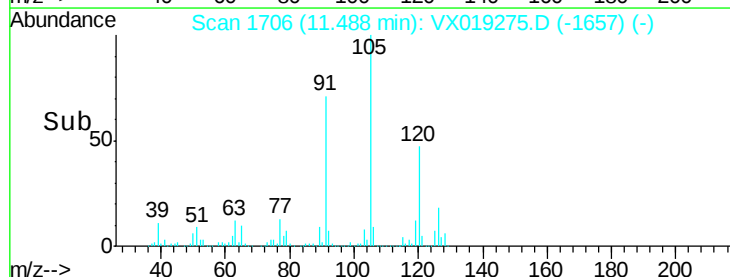
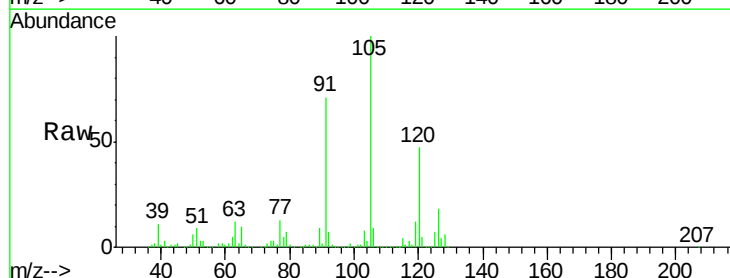
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

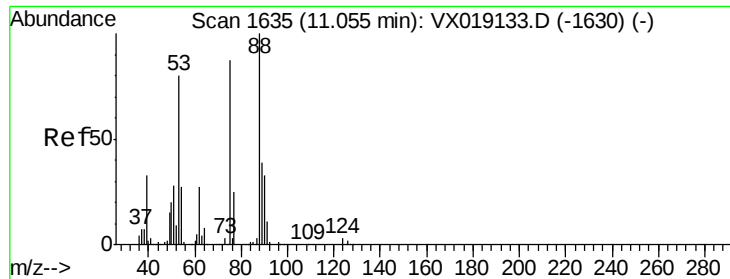
Tot Ion: 91 Resp: 488258
Ion Ratio Lower Upper
91 100
126 33.0 16.9 50.7



#80
1,3,5-Trimethylbenzene
Concen: 52.197 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Tgt Ion: 105 Resp: 616256
Ion Ratio Lower Upper
105 100
120 48.3 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.720 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

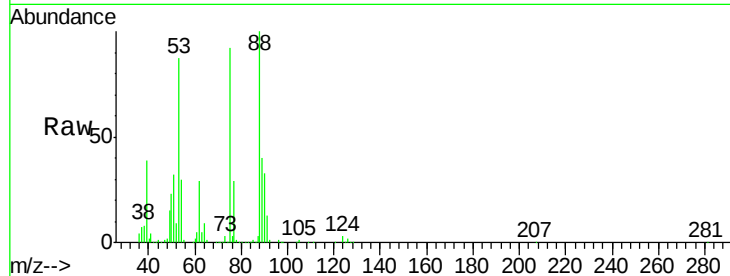
Tot Ion: 75 Resp: 78528

Ion Ratio Lower Upper

75 100

53 94.8 73.3 109.9

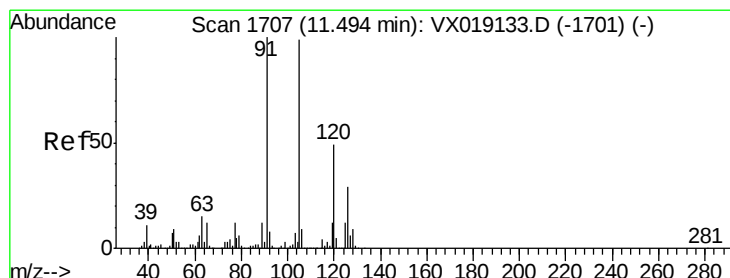
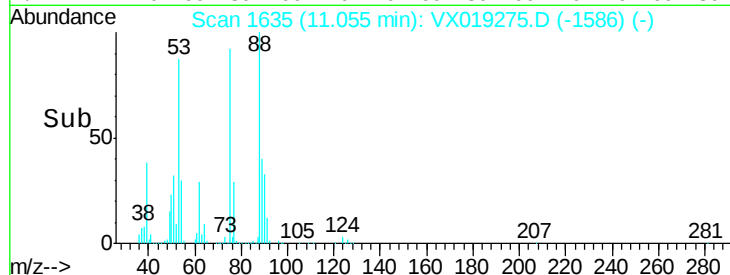
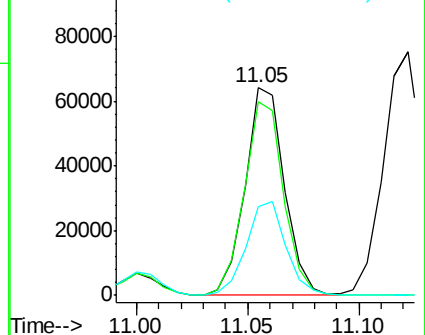
89 46.1 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.636 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019275.D

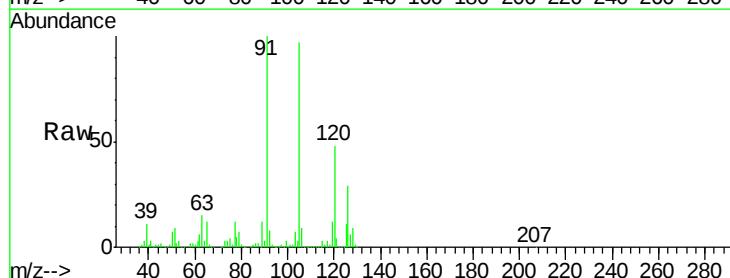
Acq: 04 Nov 2020 17:18

Tgt Ion: 91 Resp: 592233

Ion Ratio Lower Upper

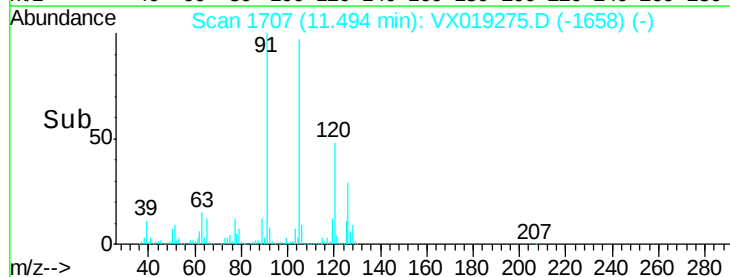
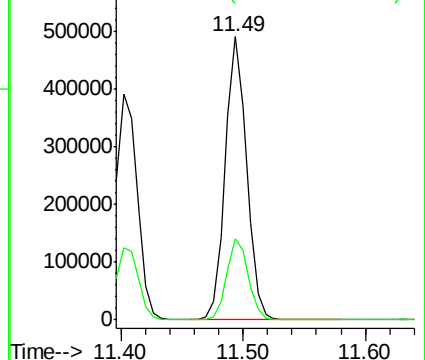
91 100

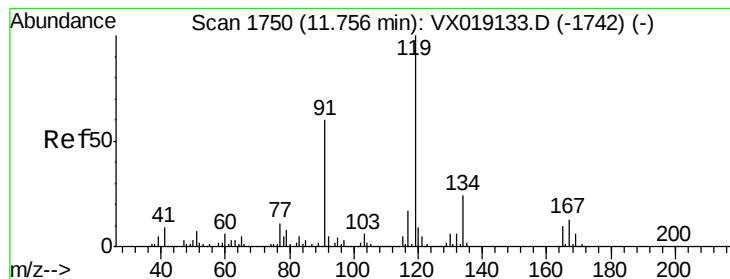
126 28.9 14.8 44.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 51.103 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

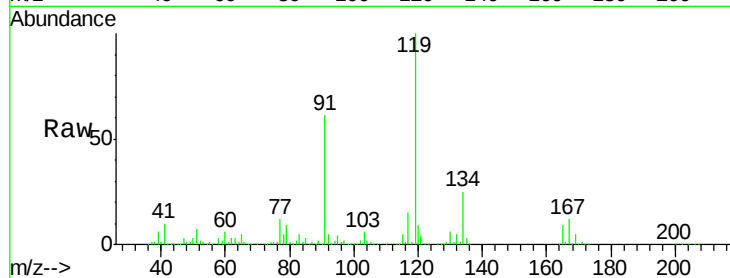
Tot Ion:119 Resp: 577693

Ion Ratio Lower Upper

119 100

91 60.2 29.0 87.1

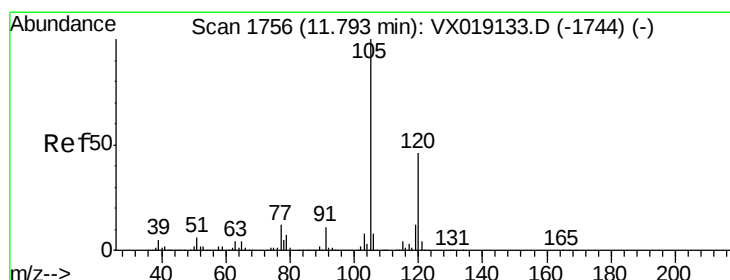
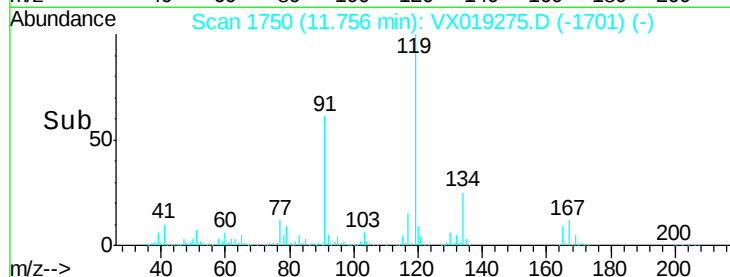
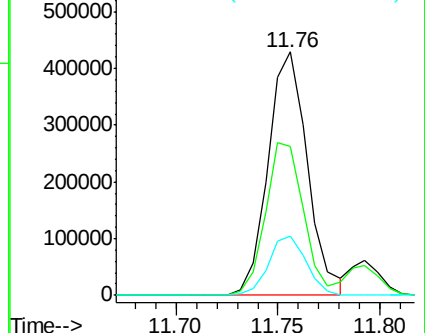
134 23.4 11.7 35.0



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: 52.101 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX019275.D

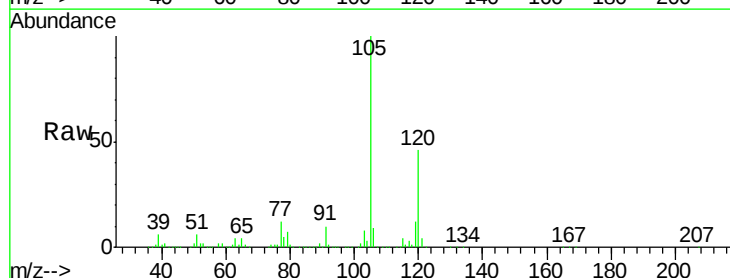
Acq: 04 Nov 2020 17:18

Tgt Ion:105 Resp: 620993

Ion Ratio Lower Upper

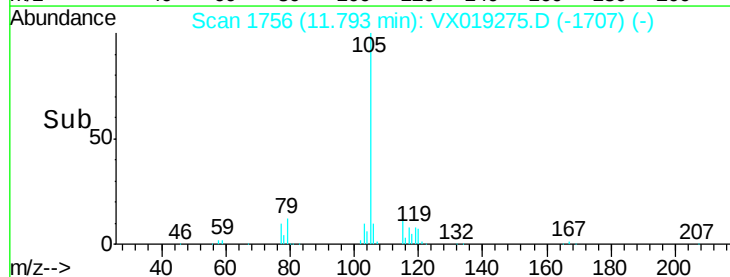
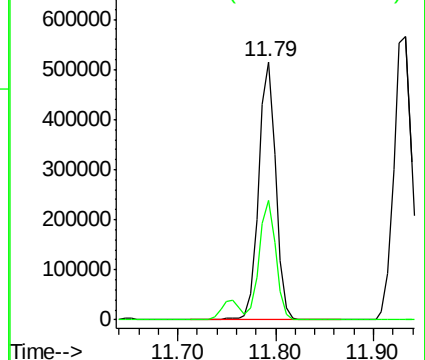
105 100

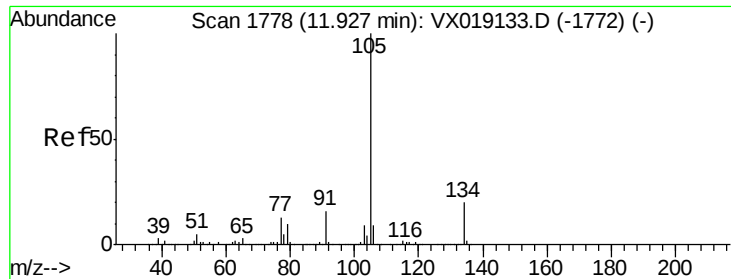
120 45.2 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

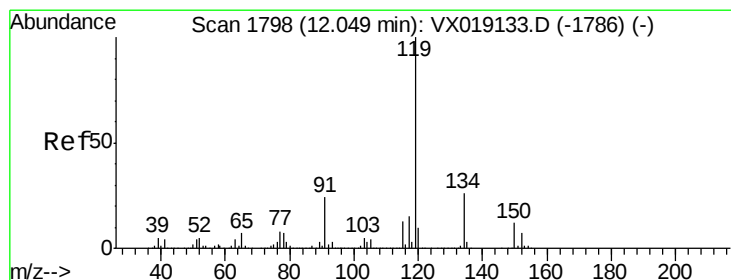
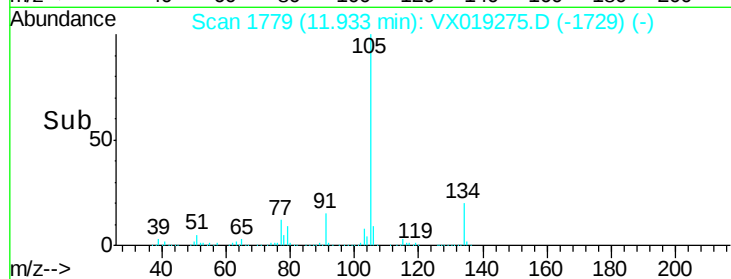
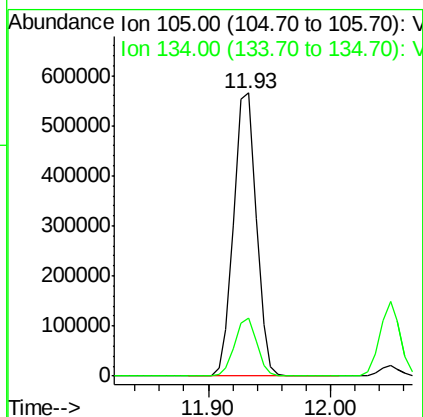
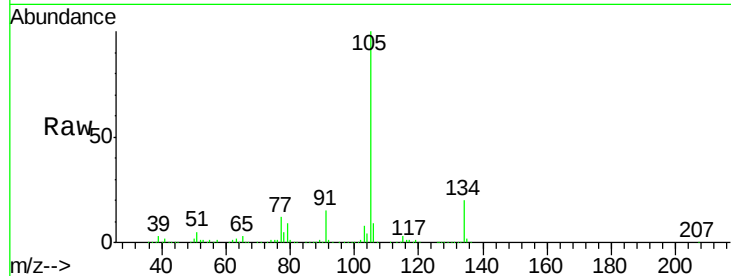




#85
 sec-Butylbenzene
 Concen: 53.244 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX019275.D
 Acq: 04 Nov 2020 17:18

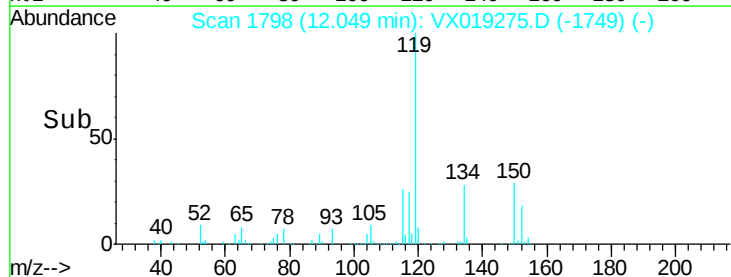
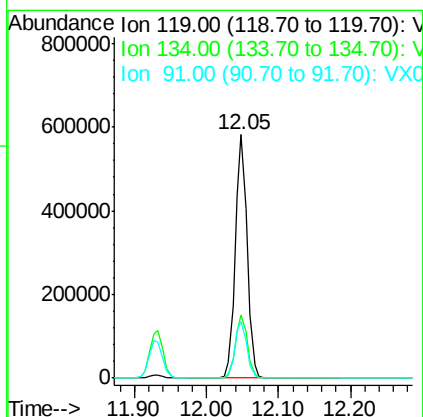
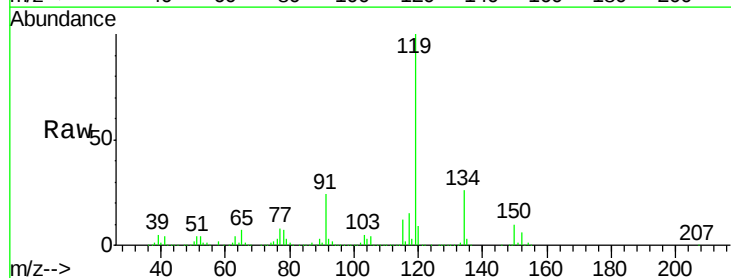
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

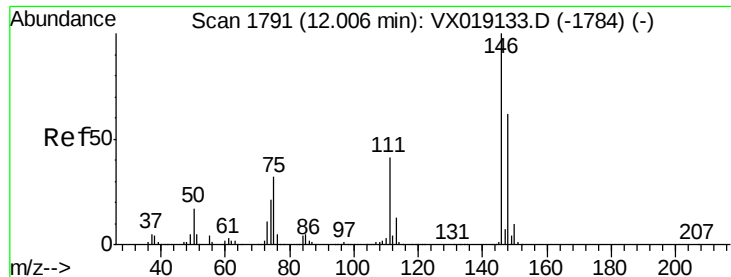
Tot Ion:105 Resp: 721894
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 53.508 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019275.D
 Acq: 04 Nov 2020 17:18

Tgt Ion:119 Resp: 669610
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.7
 91 24.1 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 49.934 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

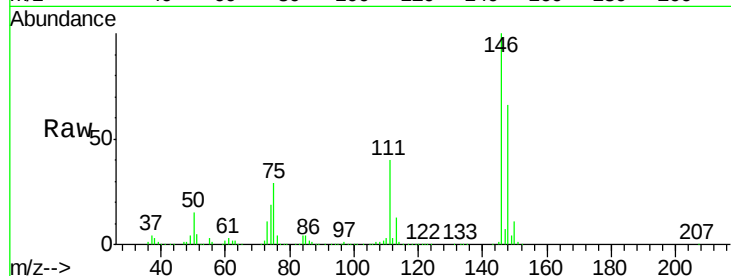
Tot Ion:146 Resp: 322539

Ion Ratio Lower Upper

146 100

111 42.0 20.4 61.2

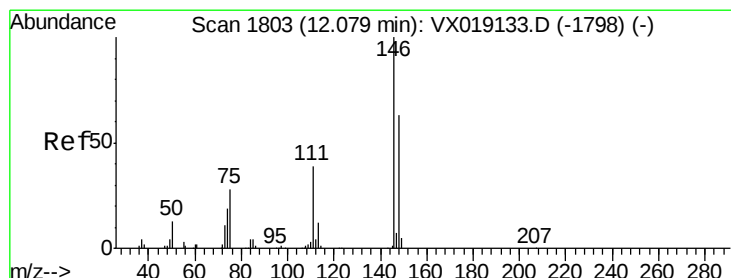
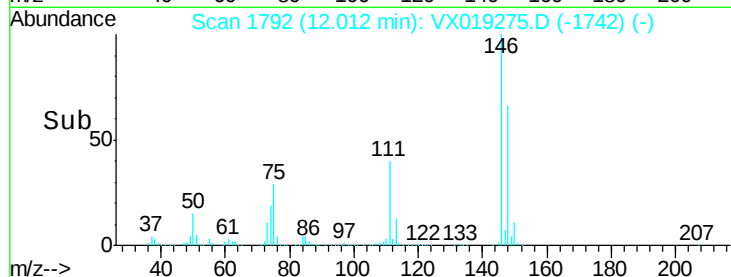
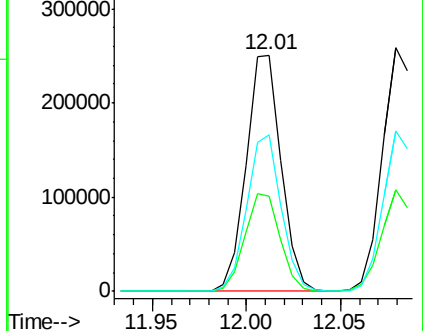
148 65.2 31.6 94.8



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: 48.662 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

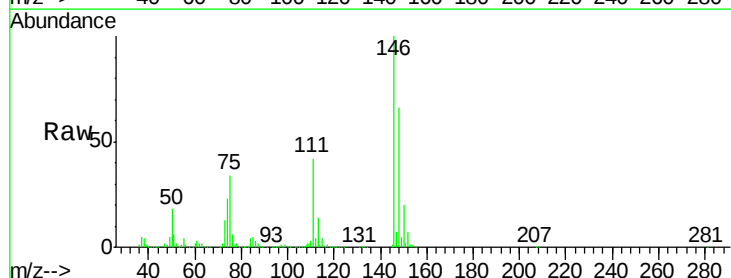
Tgt Ion:146 Resp: 327193

Ion Ratio Lower Upper

146 100

111 40.6 20.2 60.5

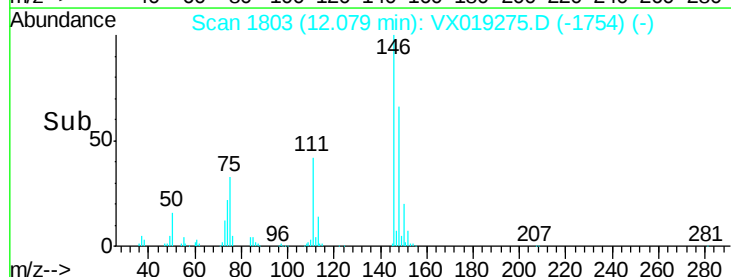
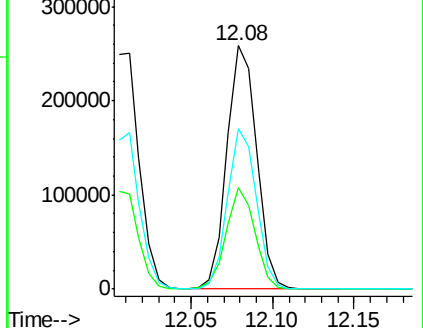
148 64.7 31.3 93.8

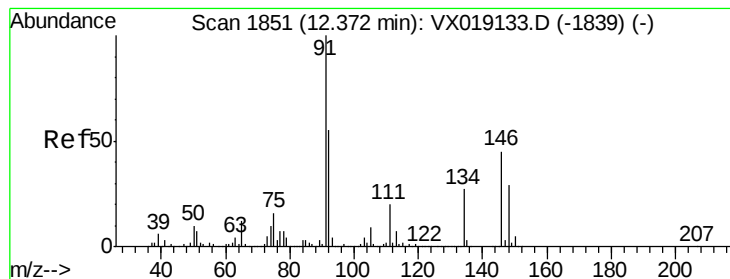


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 53.715 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

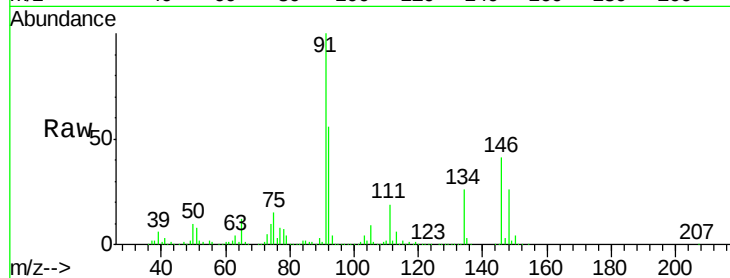
Tot Ion: 91 Resp: 631849

Ion Ratio Lower Upper

91 100

92 54.7 27.5 82.4

134 25.7 13.2 39.6

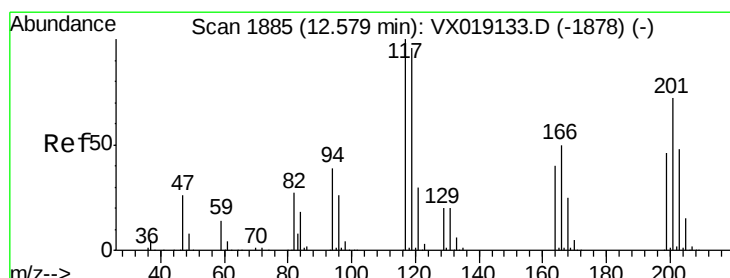
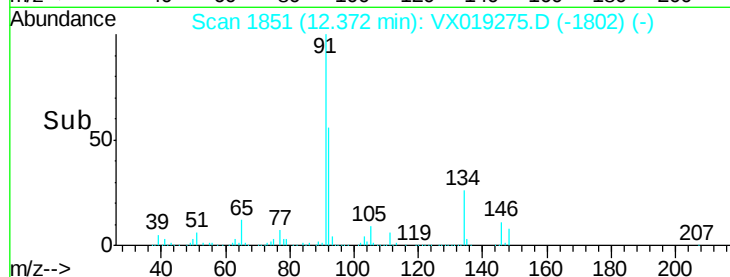


Abundance Ion 91.00 (90.70 to 91.70): VX019133.D (-1839) (-)

Ion 92.00 (91.70 to 92.70): VX019133.D (-1839) (-)

Ion 134.00 (133.70 to 134.70): VX019133.D (-1839) (-)

Time-->



#90

Hexachloroethane

Concen: 52.421 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX019275.D

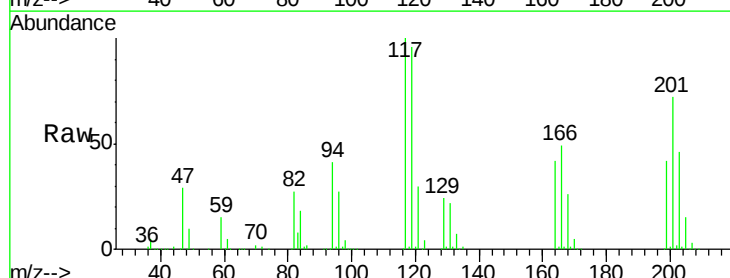
Acq: 04 Nov 2020 17:18

Tgt Ion: 117 Resp: 111505

Ion Ratio Lower Upper

117 100

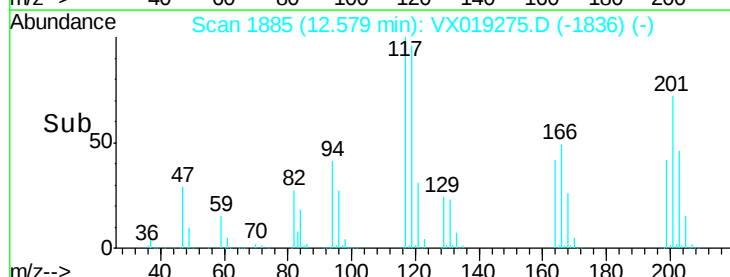
201 72.3 38.5 115.3

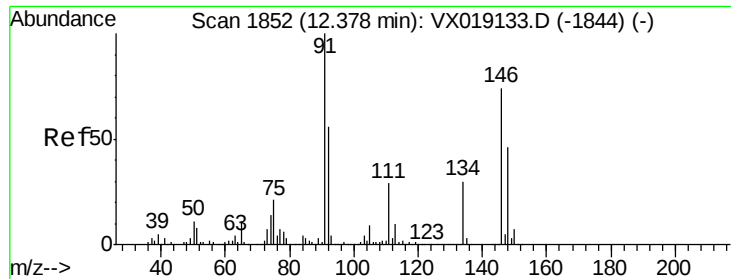


Abundance Ion 116.80 (116.50 to 117.50): VX019133.D (-1878) (-)

Ion 200.70 (200.40 to 201.40): VX019133.D (-1878) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 49.486 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

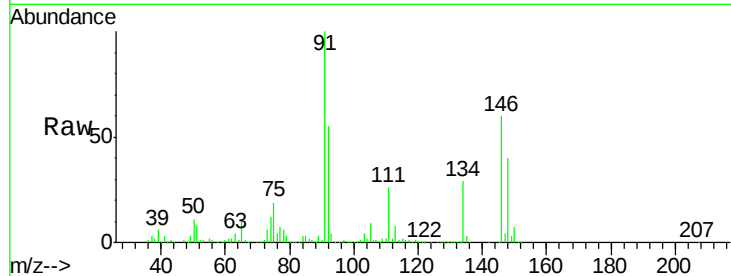
Tot Ion:146 Resp: 306934

Ion Ratio Lower Upper

146 100

111 44.2 21.2 63.6

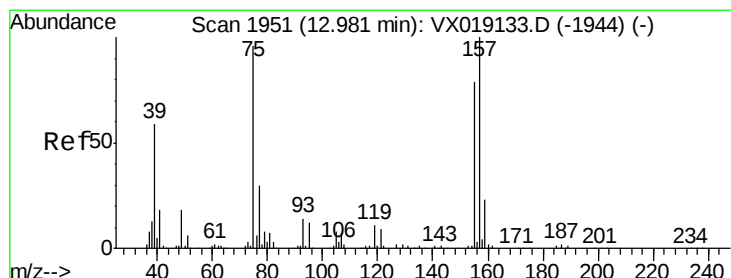
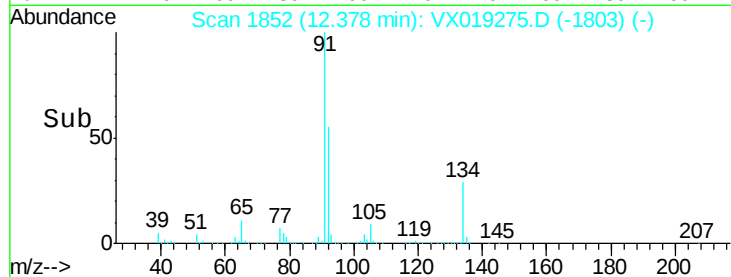
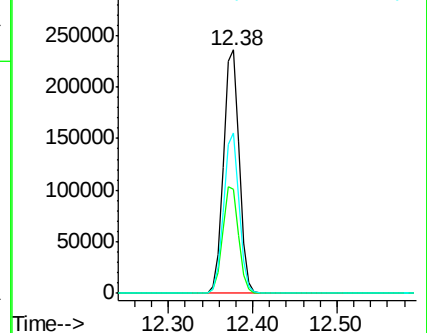
148 64.8 31.6 94.7



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: 50.374 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX019275.D

Acq: 04 Nov 2020 17:18

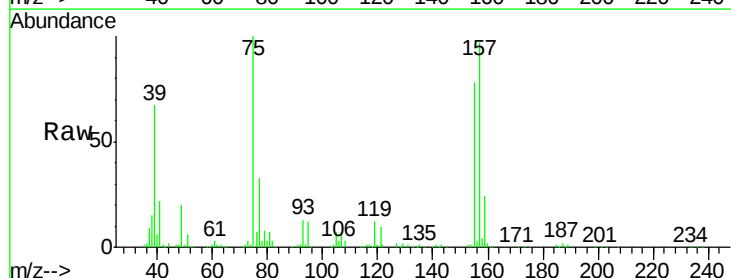
Tgt Ion: 75 Resp: 53860

Ion Ratio Lower Upper

75 100

155 81.5 42.8 128.4

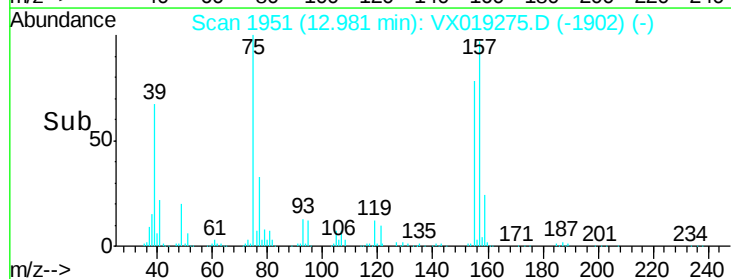
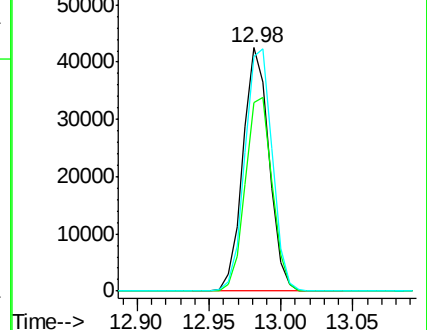
157 103.1 54.8 164.4

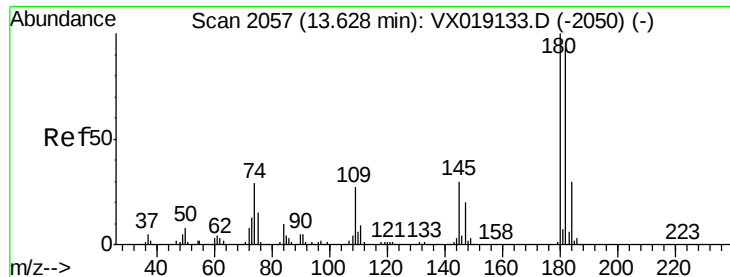


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

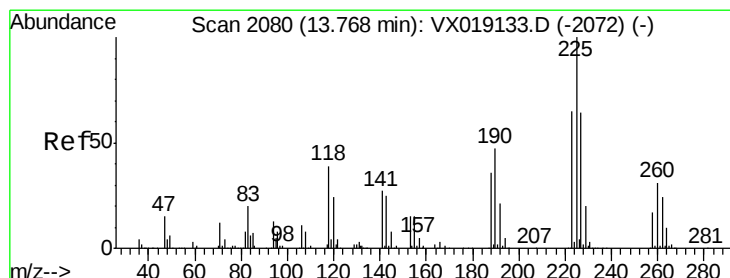
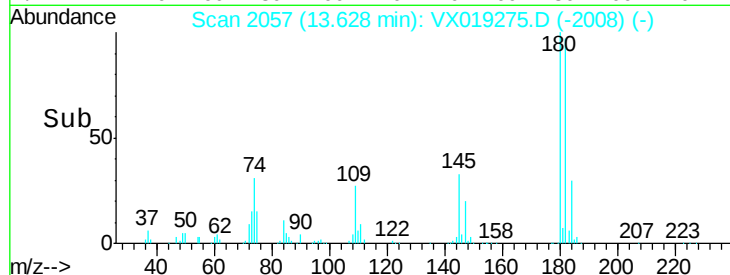
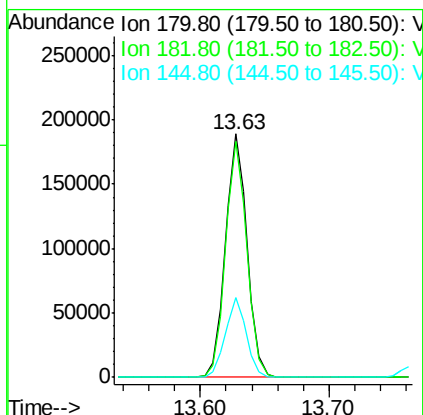
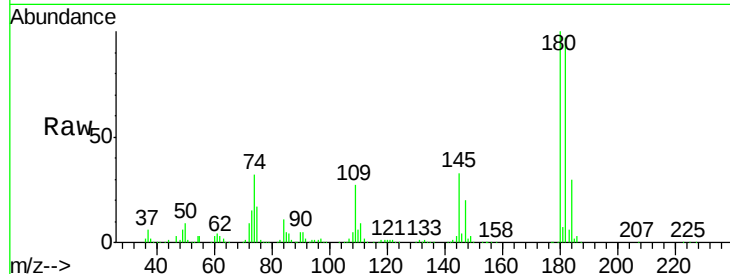




#93
 1,2,4-Trichlorobenzene
 Concen: 47.961 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019275.D
 Acq: 04 Nov 2020 17:18

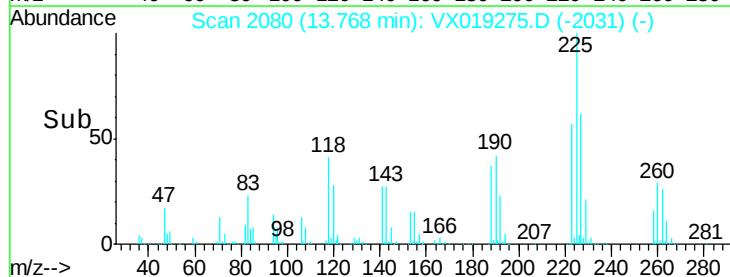
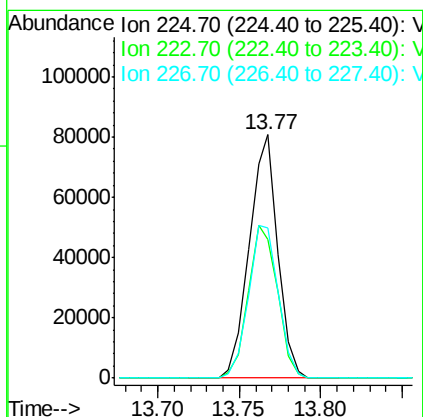
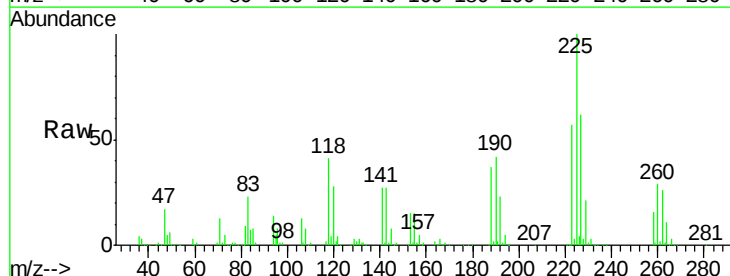
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

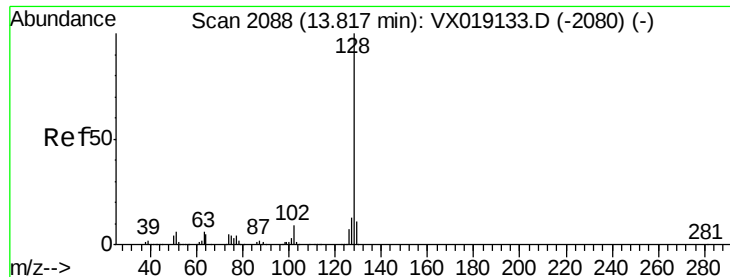
Tot Ion:180 Resp: 223442
 Ion Ratio Lower Upper
 180 100
 182 95.7 46.8 140.3
 145 31.8 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 47.796 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX019275.D
 Acq: 04 Nov 2020 17:18

Tgt Ion:225 Resp: 98021
 Ion Ratio Lower Upper
 225 100
 223 64.6 32.4 97.2
 227 65.7 31.6 94.7

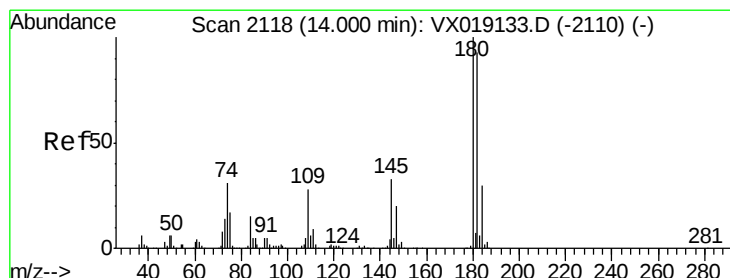
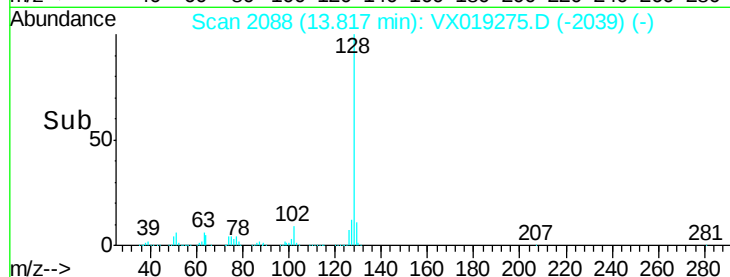
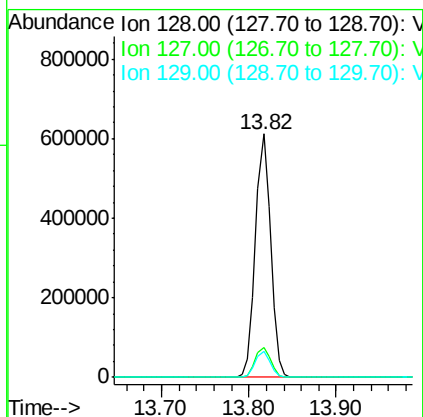
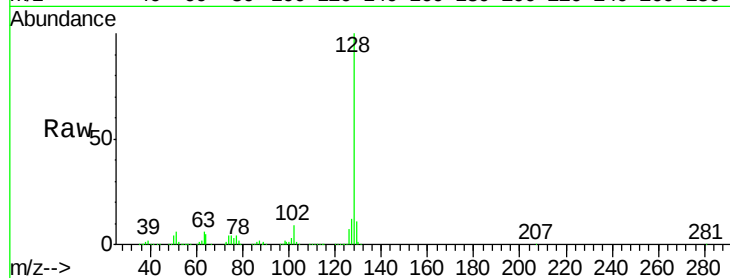




#95
Naphthalene
Concen: 49.895 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 732117
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 47.580 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019275.D
Acq: 04 Nov 2020 17:18

Tgt Ion:180 Resp: 215040
Ion Ratio Lower Upper
180 100
182 96.5 47.8 143.3
145 33.7 16.5 49.5

