

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042420\
 Data File : VX015933.D
 Acq On : 24 Apr 2020 16:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 25 06:50:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 13:17:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	147451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	267402	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	246932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	116176	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	97964	47.05	ug/l	0.00
Spiked Amount			Recovery	=	94.10%	
35) Dibromofluoromethane	5.46	113	74130	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	
50) Toluene-d8	8.70	98	302565	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	
62) 4-Bromofluorobenzene	11.12	95	120296	48.04	ug/l	0.00
Spiked Amount			Recovery	=	96.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	83855	51.725	ug/l	98
3) Chloromethane	1.31	50	77552	46.417	ug/l	98
4) Vinyl Chloride	1.39	62	105504	49.343	ug/l	100
5) Bromomethane	1.62	94	48348	62.715	ug/l	100
6) Chloroethane	1.71	64	62704	48.718	ug/l	99
7) Trichlorofluoromethane	1.92	101	125598	50.147	ug/l	97
8) Diethyl Ether	2.17	74	56298	47.231	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	80911	50.781	ug/l	99
10) Methyl Iodide	2.49	142	86665	47.516	ug/l	99
11) Tert butyl alcohol	3.01	59	97671	218.350	ug/l	100
12) 1,1-Dichloroethene	2.36	96	82004	49.121	ug/l	99
13) Acrolein	2.27	56	61117	220.153	ug/l	98
14) Allyl chloride	2.70	41	144457	48.960	ug/l	99
15) Acrylonitrile	3.11	53	233699	239.033	ug/l	99
16) Acetone	2.42	43	171203	219.224	ug/l	98
17) Carbon Disulfide	2.55	76	223056	48.472	ug/l	99
18) Methyl Acetate	2.75	43	110613	46.834	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	292666	48.948	ug/l	100
20) Methylene Chloride	2.83	84	92601	47.936	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	91523	49.068	ug/l	99
22) Diisopropyl ether	3.82	45	282548	48.492	ug/l	89
23) Vinyl Acetate	3.78	43	1178351	247.527	ug/l	99
24) 1,1-Dichloroethane	3.67	63	163904	49.172	ug/l	100
25) 2-Butanone	4.63	43	290959	228.818	ug/l	99
26) 2,2-Dichloropropane	4.55	77	148859	50.611	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	103563	48.945	ug/l	100
28) Bromochloromethane	4.98	49	72738	49.366	ug/l	100
29) Tetrahydrofuran	5.09	42	194743	232.490	ug/l	100
30) Chloroform	5.17	83	162258	49.244	ug/l	99
31) Cyclohexane	5.55	56	151288	48.456	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	142812	48.178	ug/l	99
36) 1,1-Dichloropropene	5.77	75	127630	50.012	ug/l	100
37) Ethyl Acetate	4.79	43	121383	47.417	ug/l	99
38) Carbon Tetrachloride	5.76	117	117368	50.328	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	160918	52.018	ug/l	99
40) Benzene	6.11	78	374162	50.098	ug/l	97
41) Methacrylonitrile	5.00	41	67550	46.552	ug/l	99
42) 1,2-Dichloroethane	6.16	62	131992	50.501	ug/l	99
43) Isopropyl Acetate	6.41	43	208448	49.564	ug/l	100
44) Trichloroethene	7.19	130	114154	49.653	ug/l	100
45) 1,2-Dichloropropane	7.49	63	95363	49.899	ug/l	98
46) Dibromomethane	7.64	93	63214	49.530	ug/l	99
47) Bromodichloromethane	7.88	83	131257	50.537	ug/l	99
48) Methyl methacrylate	7.74	41	101485	49.073	ug/l	99
49) 1,4-Dioxane	7.71	88	41694	906.487	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	601281	243.874	ug/l	100
52) Toluene	8.76	92	240454	50.752	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	158690	50.671	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	168031	51.288	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	92808	49.047	ug/l	98
56) Ethyl methacrylate	9.16	69	152570	50.051	ug/l	99
57) 1,3-Dichloropropane	9.35	76	161639	49.929	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	392393	260.503	ug/l	100
59) 2-Hexanone	9.47	43	451968	241.418	ug/l	99
60) Dibromochloromethane	9.57	129	96380	51.291	ug/l	100
61) 1,2-Dibromoethane	9.65	107	98110	50.129	ug/l	100
64) Tetrachloroethene	9.32	164	127227	51.778	ug/l	93
65) Chlorobenzene	10.12	112	251400	51.280	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	88446	50.912	ug/l	98
67) Ethyl Benzene	10.24	91	463782	51.311	ug/l	98
68) m/p-Xylenes	10.34	106	345783	104.458	ug/l	100
69) o-Xylene	10.68	106	165391	51.201	ug/l	99
70) Styrene	10.70	104	288446	51.774	ug/l	99
71) Bromoform	10.84	173	59484	45.196	ug/l #	97
73) Isopropylbenzene	11.01	105	444395	51.463	ug/l	100
74) N-amyl acetate	10.88	43	191219	50.986	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	99241	50.855	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	171769	68.927	ug/l	81
77) Bromobenzene	11.24	156	98175	50.054	ug/l	98
78) n-propylbenzene	11.35	91	522751	51.274	ug/l	100
79) 2-Chlorotoluene	11.41	91	308742	51.374	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	379686	51.724	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	53166	48.057	ug/l #	87
82) 4-Chlorotoluene	11.49	91	369000	51.442	ug/l	98
83) tert-Butylbenzene	11.76	119	318895	51.665	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	383196	50.910	ug/l	100
85) sec-Butylbenzene	11.93	105	436493	51.650	ug/l	99
86) p-Isopropyltoluene	12.05	119	398257	51.679	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	188386	52.236	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	186504	50.222	ug/l	100
89) n-Butylbenzene	12.37	91	379509	52.255	ug/l	100
90) Hexachloroethane	12.58	117	60038	49.929	ug/l	92
91) 1,2-Dichlorobenzene	12.38	146	175677	50.237	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29350	47.241	ug/l	99

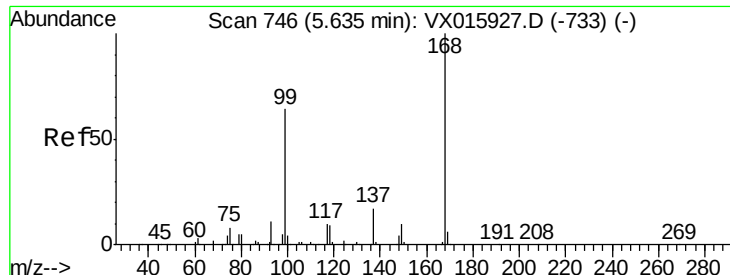
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042420\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	113749	50.420	ug/l	100
94) Hexachlorobutadiene	13.76	225	39180	48.993	ug/l	97
95) Naphthalene	13.82	128	414567	50.528	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	109491	51.297	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

Instrument :

MSVOA_X

ClientSampleId :

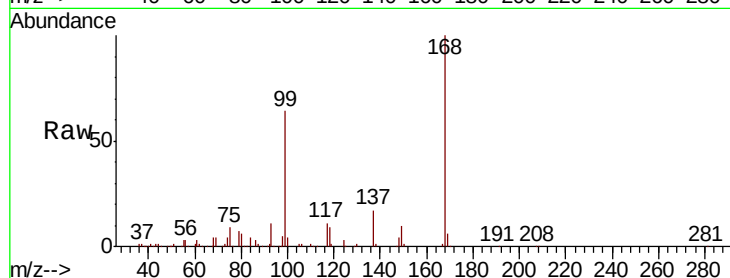
VSTDCCC050

Tot Ion:168 Resp: 147451

Ion Ratio Lower Upper

168 100

99 63.8 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

60000

50000

40000

30000

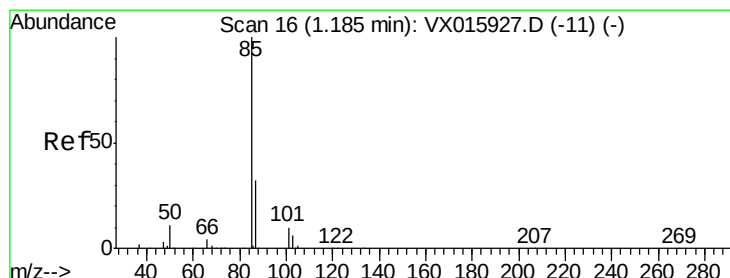
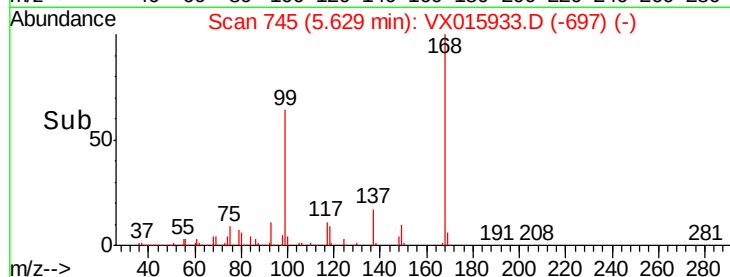
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 51.725 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX015933.D

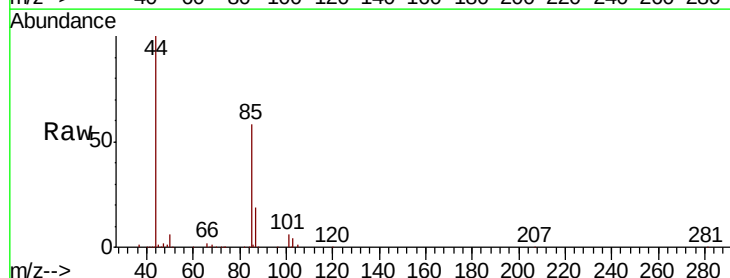
Acq: 24 Apr 2020 16:04

Tgt Ion: 85 Resp: 83855

Ion Ratio Lower Upper

85 100

87 32.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

100000

80000

60000

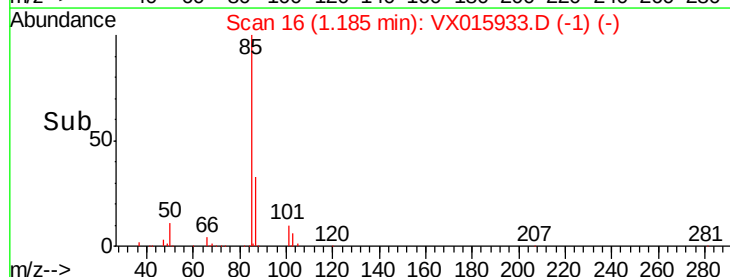
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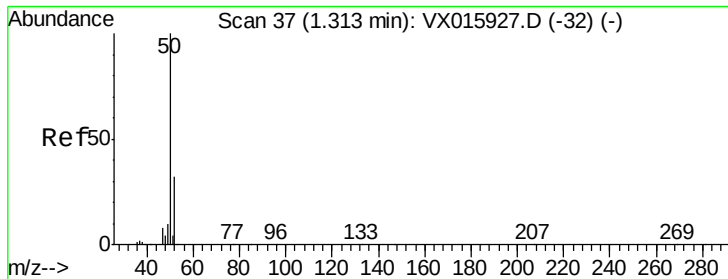
20000

0

Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 46.417 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

Instrument :

MSVOA_X

ClientSampleId :

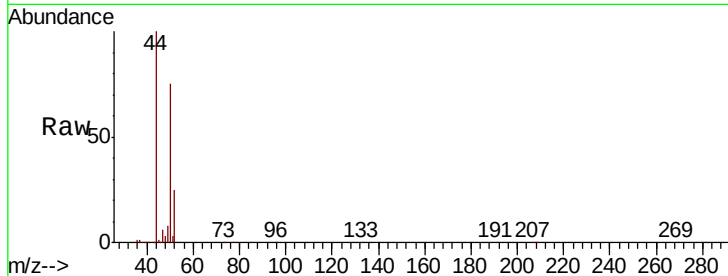
VSTDCCC050

Tot Ion: 50 Resp: 77552

Ion Ratio Lower Upper

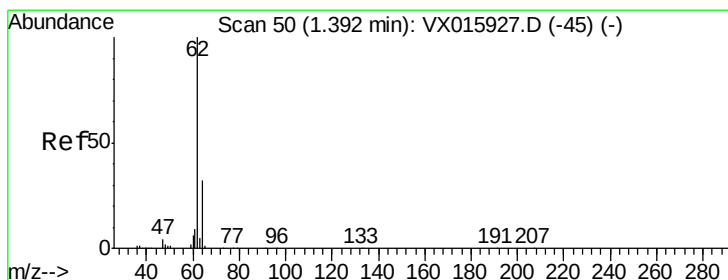
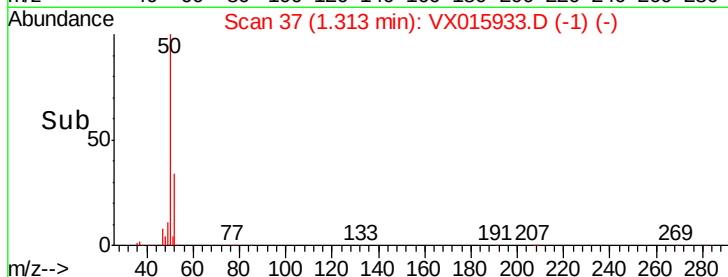
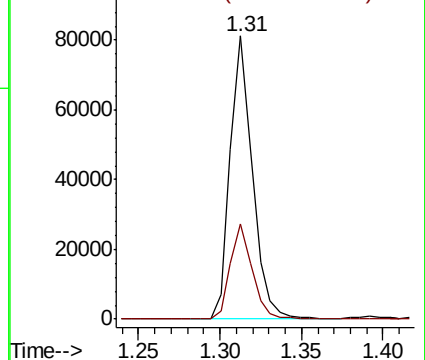
50 100

52 33.7 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.343 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015933.D

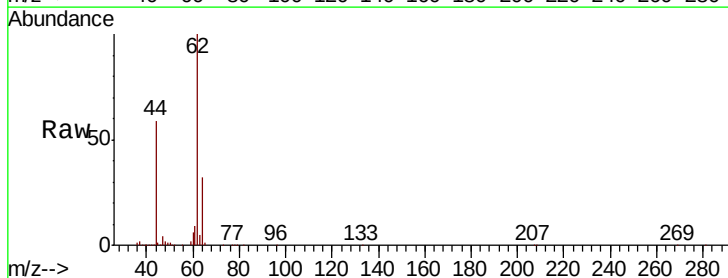
Acq: 24 Apr 2020 16:04

Tgt Ion: 62 Resp: 105504

Ion Ratio Lower Upper

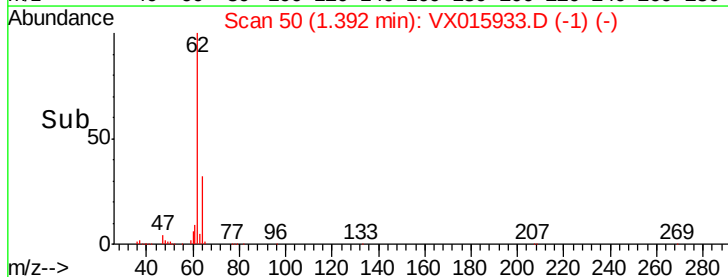
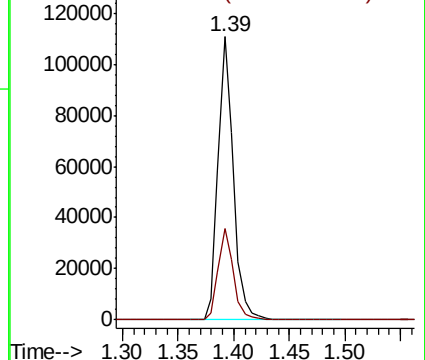
62 100

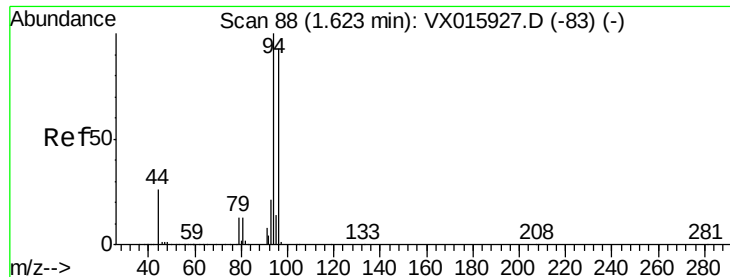
64 32.1 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 62.715 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

Instrument :

MSVOA_X

ClientSampleId :

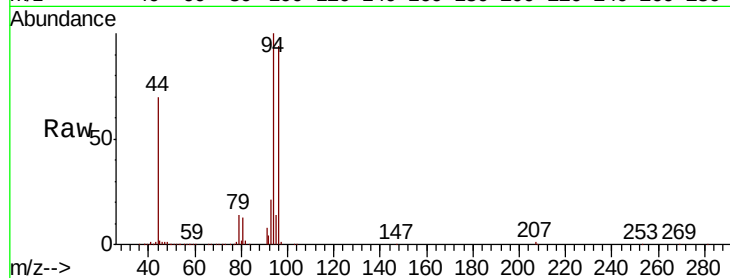
VSTDCCC050

Tot Ion: 94 Resp: 48348

Ion Ratio Lower Upper

94 100

96 93.6 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

40000

30000

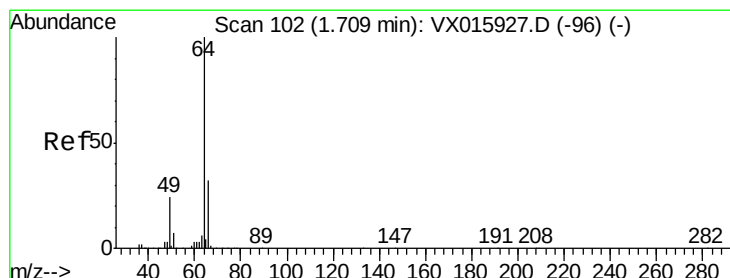
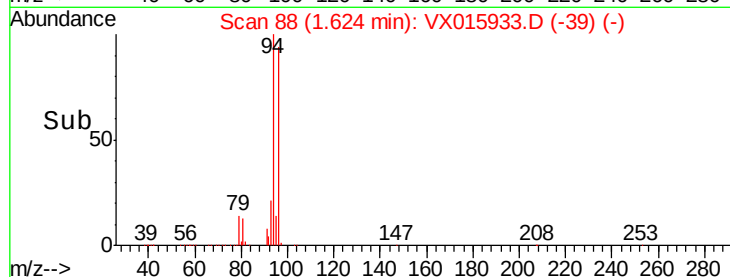
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10000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 48.718 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX015933.D

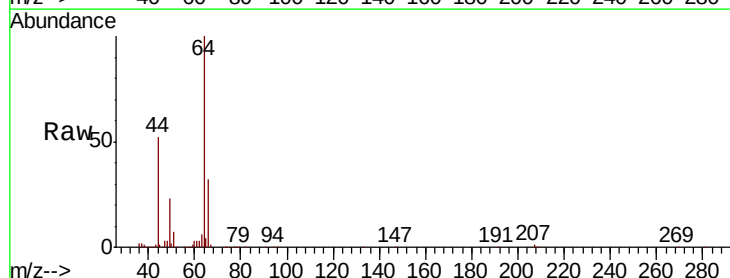
Acq: 24 Apr 2020 16:04

Tgt Ion: 64 Resp: 62704

Ion Ratio Lower Upper

64 100

66 32.0 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

60000

50000

40000

30000

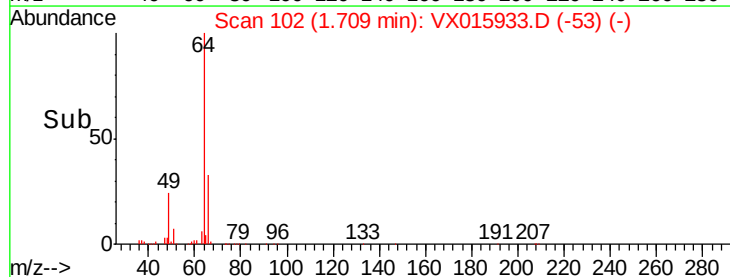
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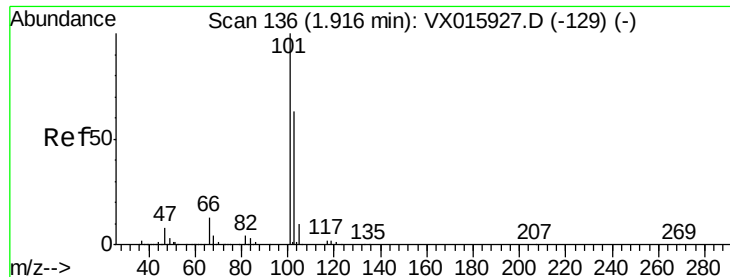
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Time-->

1.65 1.70 1.75 1.80



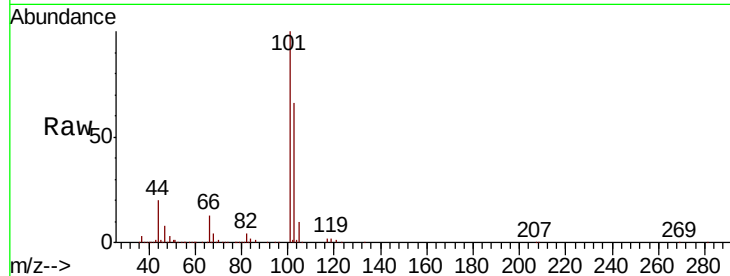


#7

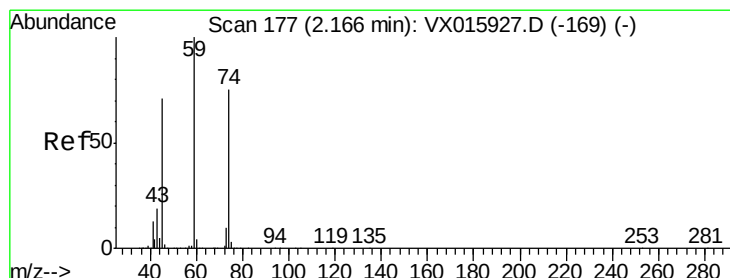
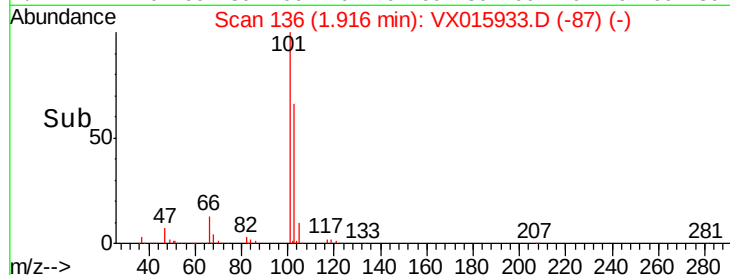
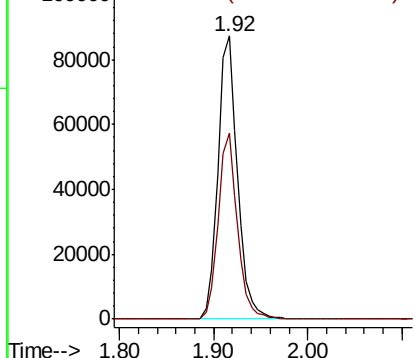
Trichlorofluoromethane
 Concen: 50.147 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: VX015933.D
 Acq: 24 Apr 2020 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:101 Resp: 125598
 Ion Ratio Lower Upper
 101 100
 103 65.7 50.8 76.2



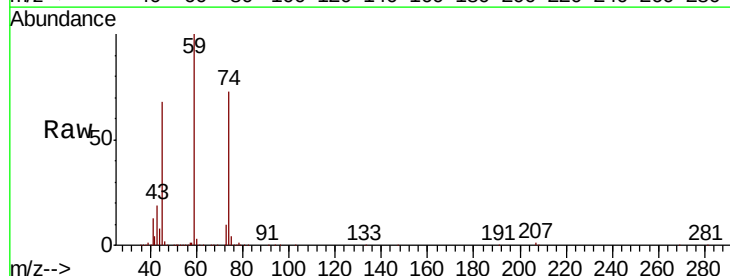
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



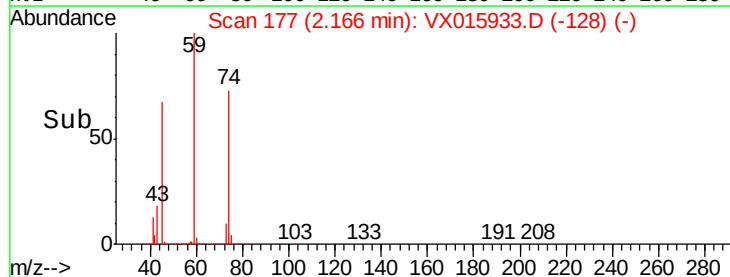
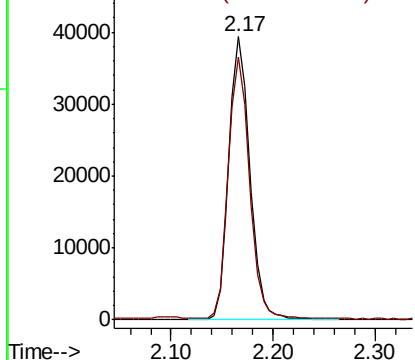
#8

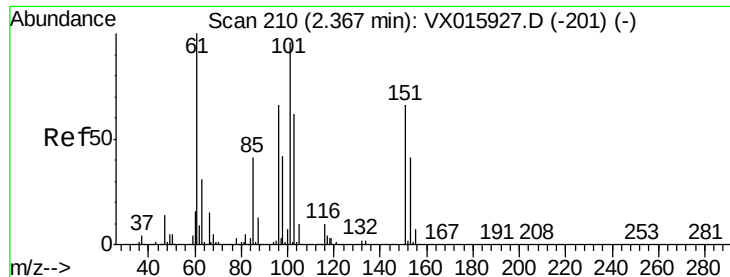
Diethyl Ether
 Concen: 47.231 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX015933.D
 Acq: 24 Apr 2020 16:04

Tgt Ion: 74 Resp: 56298
 Ion Ratio Lower Upper
 74 100
 45 93.7 46.9 140.7



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.781 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

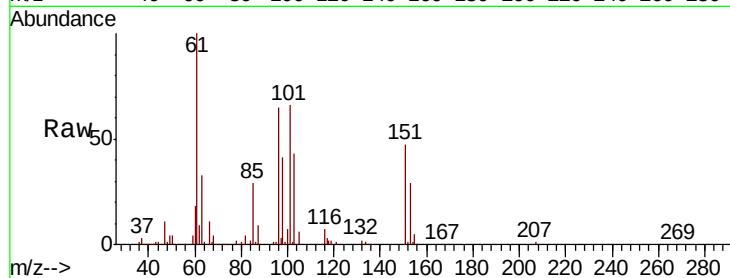
Tot Ion:101 Resp: 80911

Ion Ratio Lower Upper

101 100

85 43.7 34.9 52.3

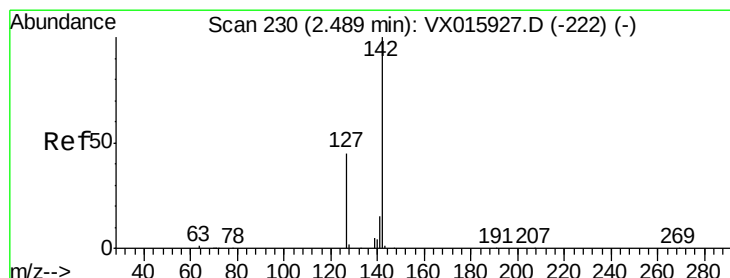
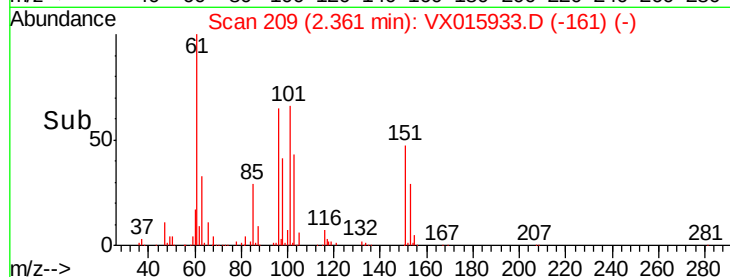
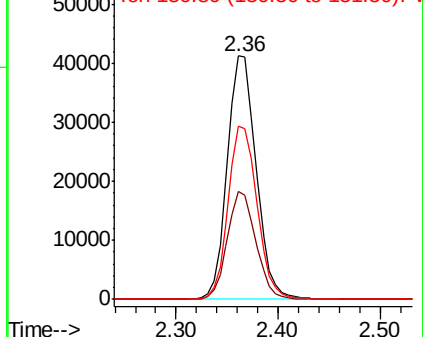
151 71.3 55.8 83.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.516 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

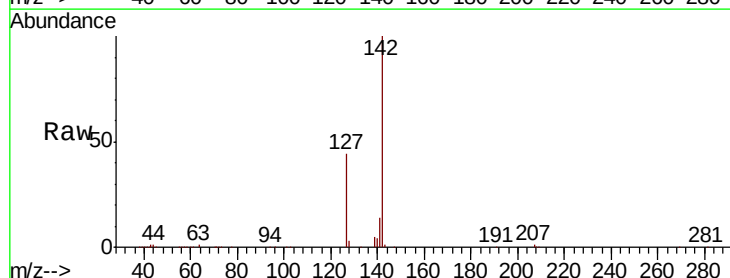
Tgt Ion:142 Resp: 86665

Ion Ratio Lower Upper

142 100

127 42.7 34.4 51.6

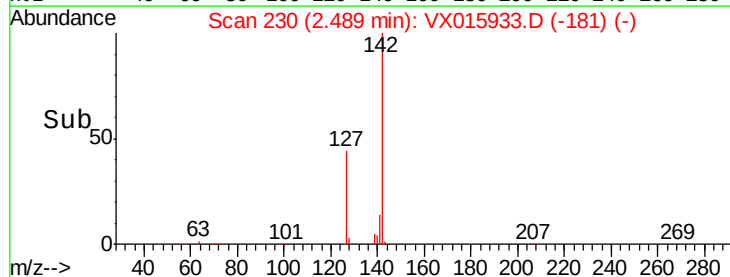
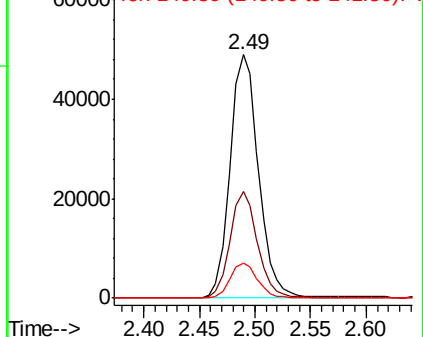
141 14.0 11.5 17.3

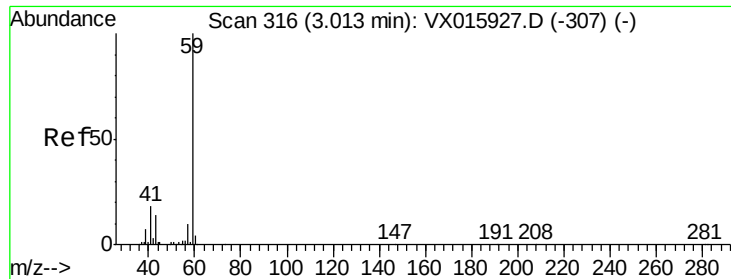


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

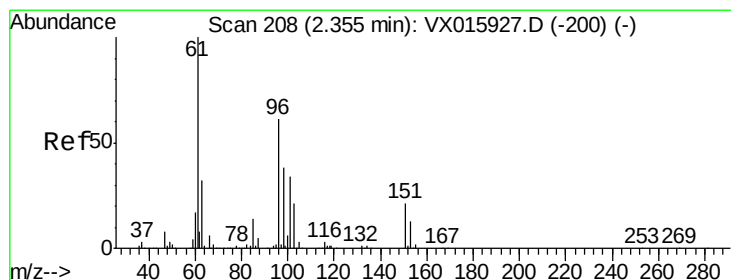
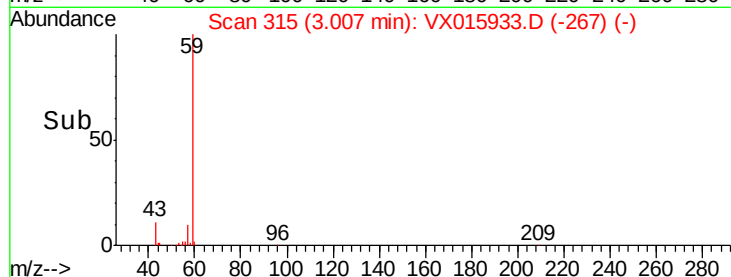
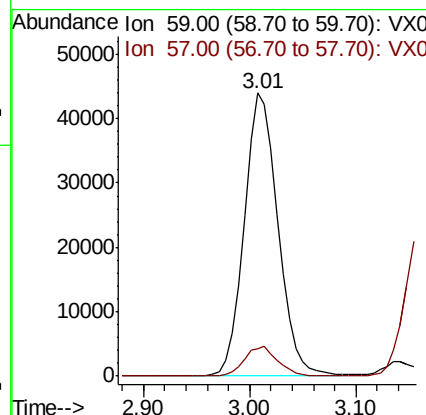
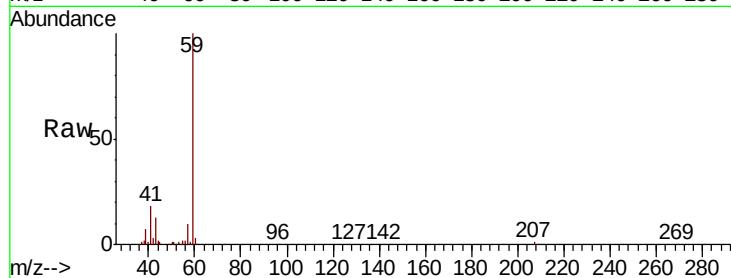




#11
Tert butyl alcohol
Concen: 218.350 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX015933.D
Acq: 24 Apr 2020 16:04

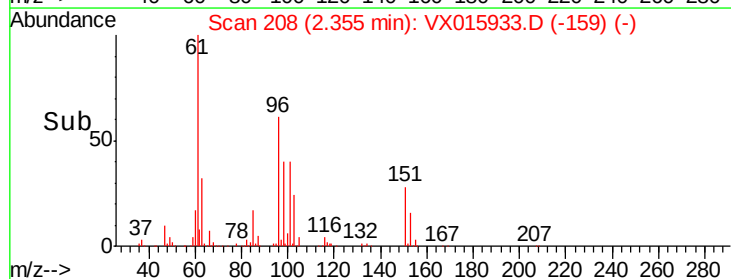
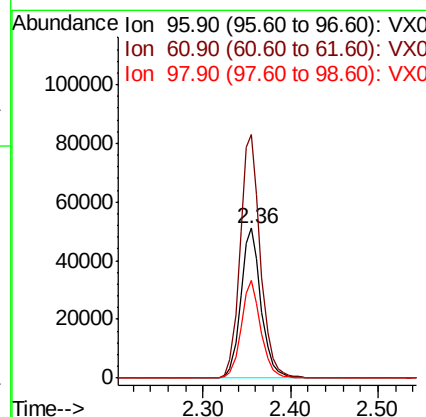
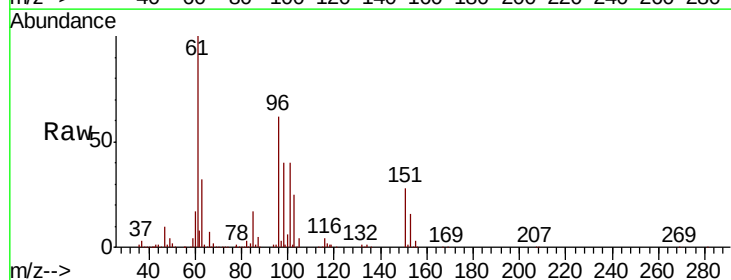
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

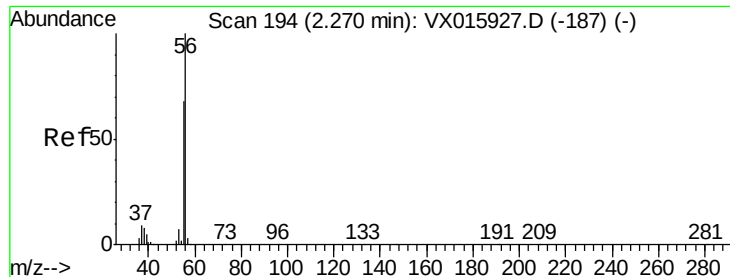
Tot Ion: 59 Resp: 97671
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6



#12
1,1-Dichloroethene
Concen: 49.121 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX015933.D
Acq: 24 Apr 2020 16:04

Tgt Ion: 96 Resp: 82004
Ion Ratio Lower Upper
96 100
61 162.8 131.2 196.8
98 65.0 50.2 75.4

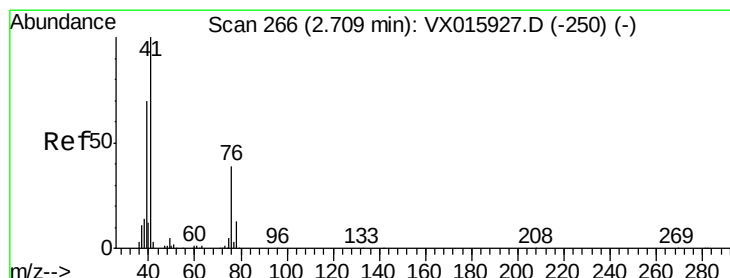
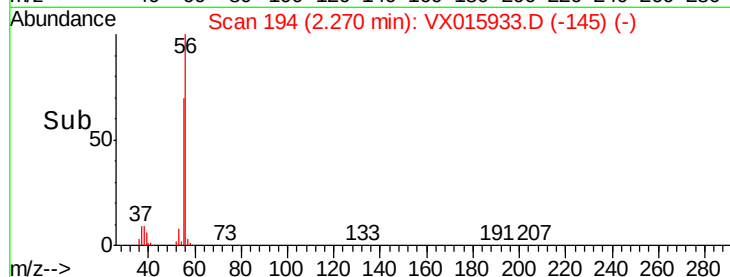
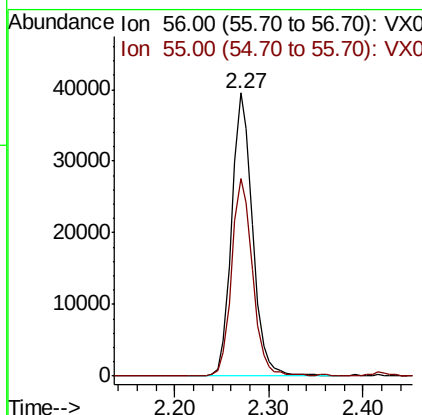
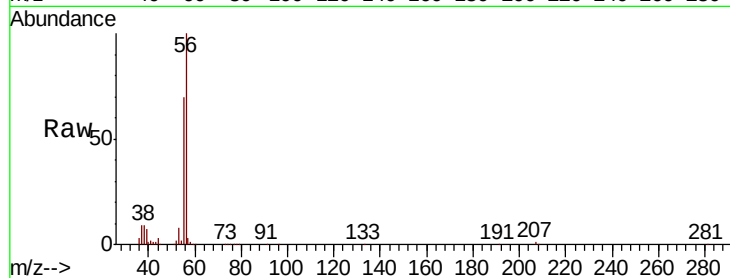




#13
Acrolein
Concen: 220.153 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX015933.D
Acq: 24 Apr 2020 16:04

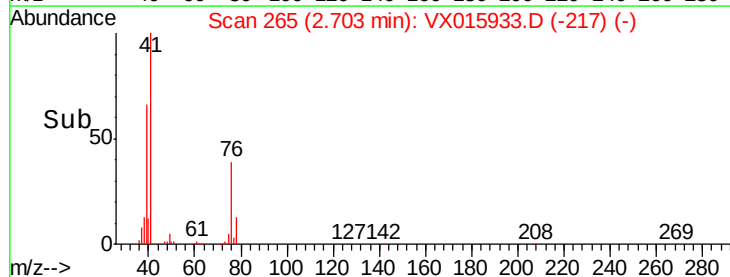
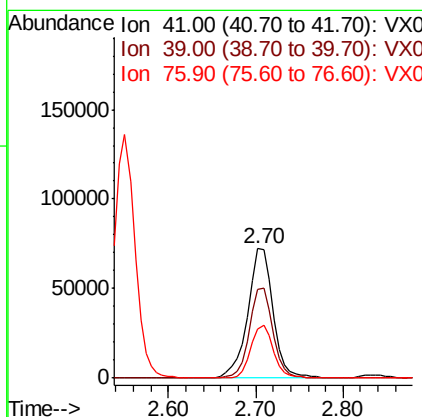
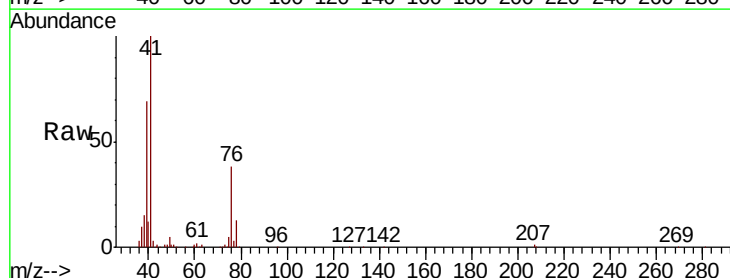
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

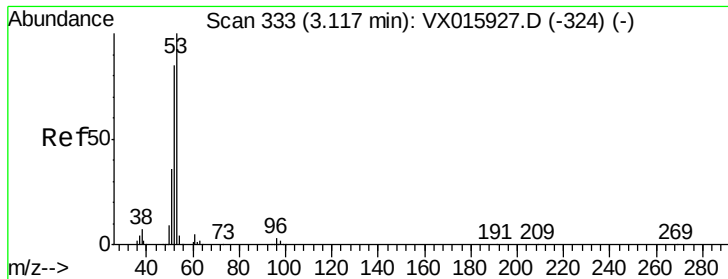
Tot Ion: 56 Resp: 61117
Ion Ratio Lower Upper
56 100
55 68.8 56.0 84.0



#14
Allyl chloride
Concen: 48.960 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX015933.D
Acq: 24 Apr 2020 16:04

Tgt Ion: 41 Resp: 144457
Ion Ratio Lower Upper
41 100
39 65.0 51.6 77.4
76 36.2 29.3 43.9

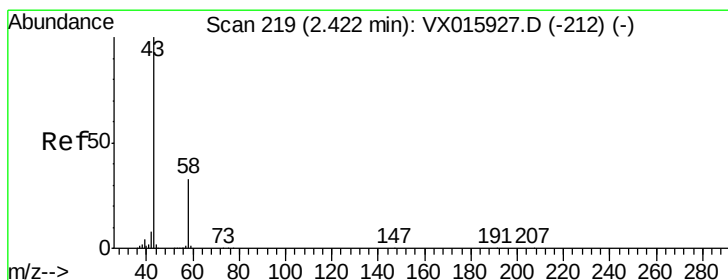
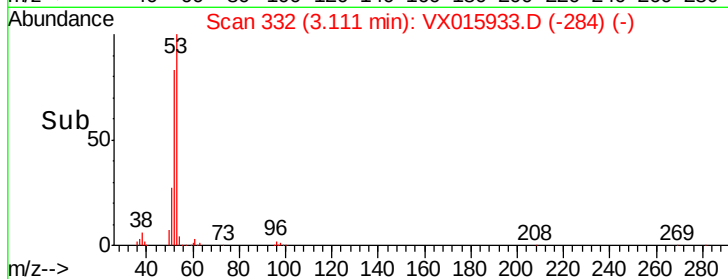
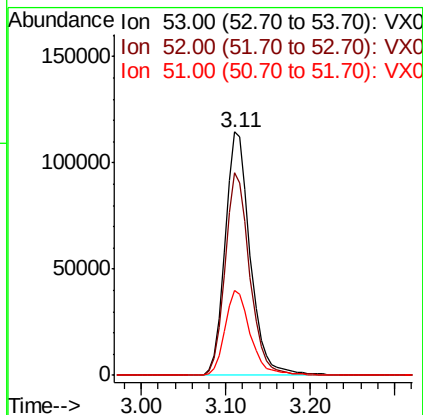
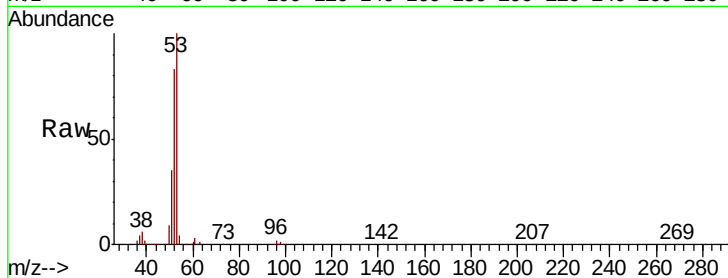




#15
 Acrylonitrile
 Concen: 239.033 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX015933.D
 Acq: 24 Apr 2020 16:04

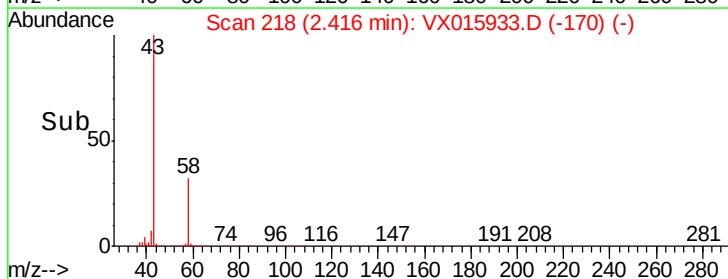
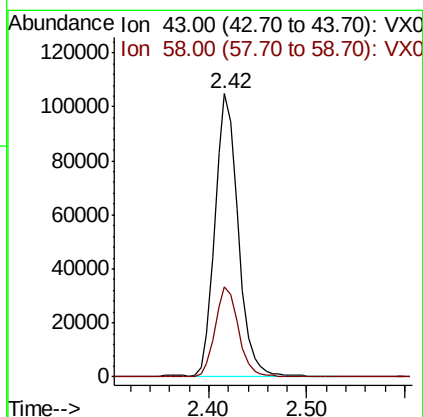
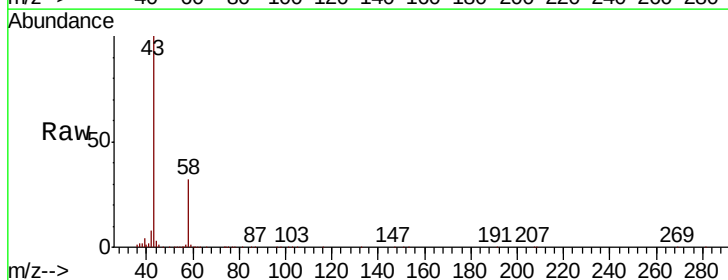
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

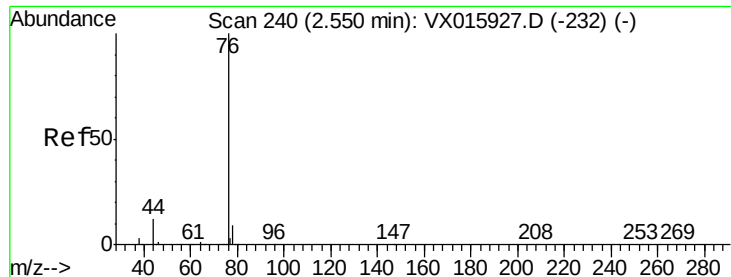
Tot Ion:	53	Resp:	233699
Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.5	98.3
51	35.6	28.2	42.2



#16
 Acetone
 Concen: 219.224 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX015933.D
 Acq: 24 Apr 2020 16:04

Tgt Ion:	43	Resp:	171203
Ion	Ratio	Lower	Upper
43	100		
58	32.1	26.4	39.6





#17

Carbon Disulfide

Concen: 48.472 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

Instrument :

MSVOA_X

ClientSampleId :

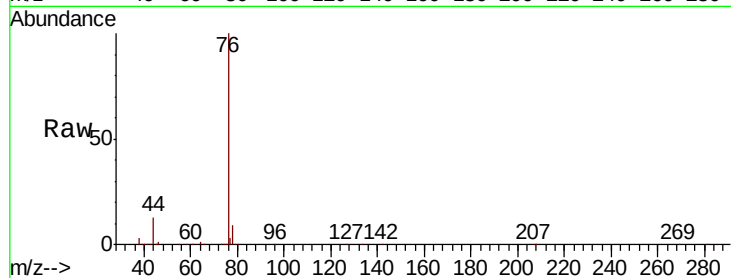
VSTDCCC050

Tot Ion: 76 Resp: 223056

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

150000

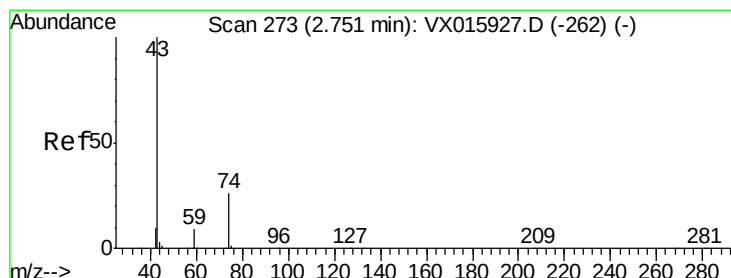
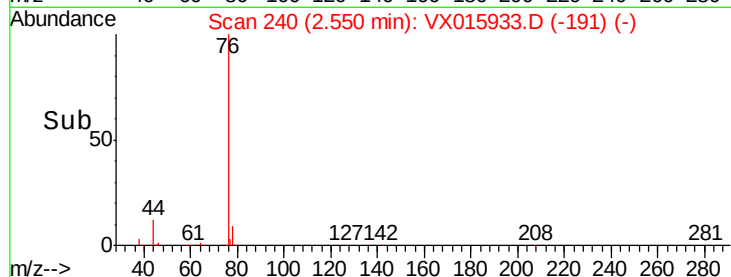
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 46.834 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX015933.D

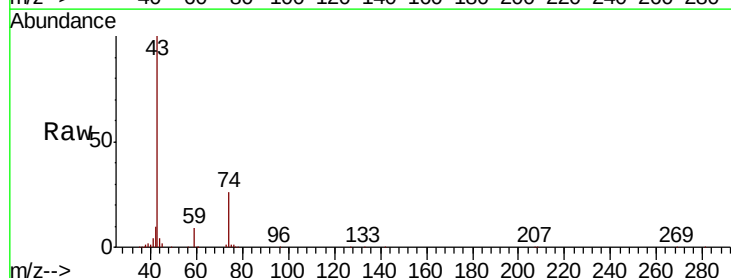
Acq: 24 Apr 2020 16:04

Tgt Ion: 43 Resp: 110613

Ion Ratio Lower Upper

43 100

74 26.0 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

60000

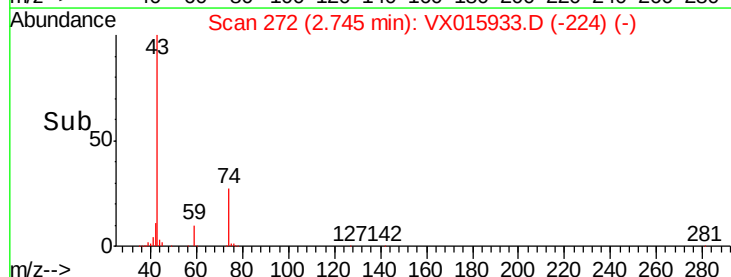
40000

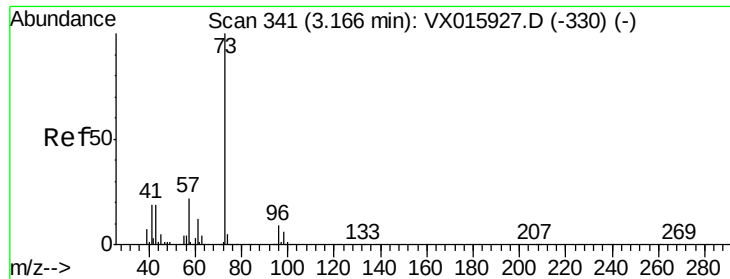
20000

0

2.70 2.80

Time-->

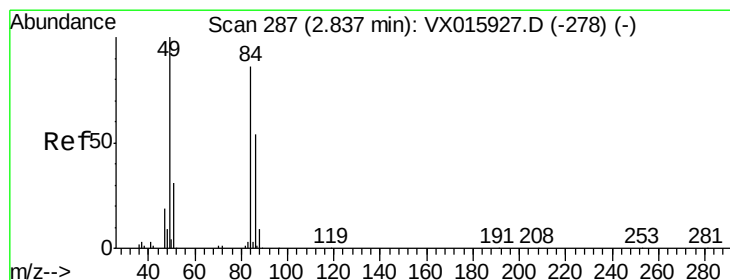
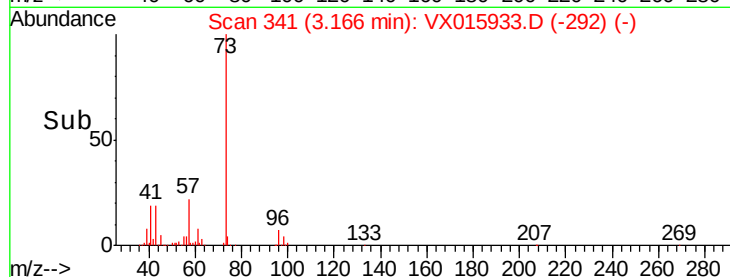
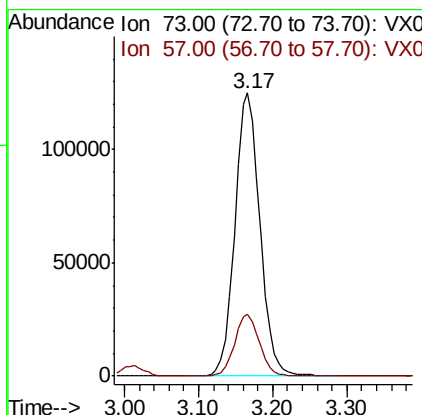
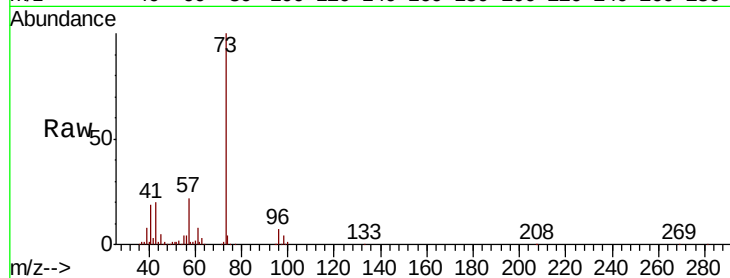




#19
Methyl tert-butyl Ether
Concen: 48.948 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX015933.D
Acq: 24 Apr 2020 16:04

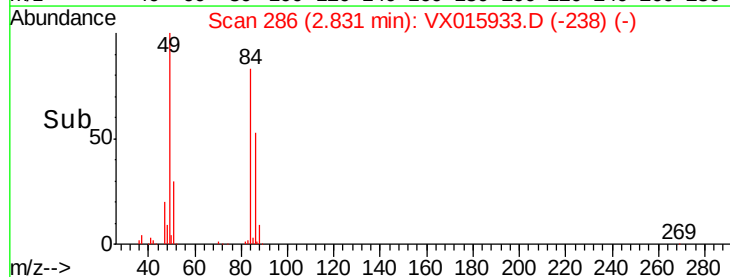
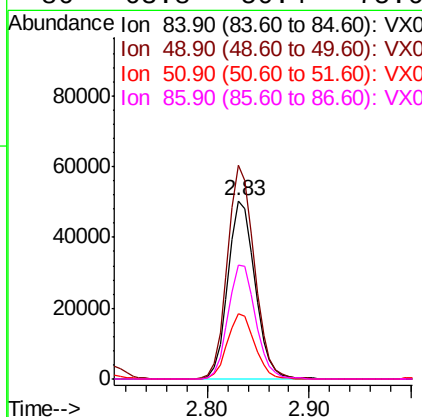
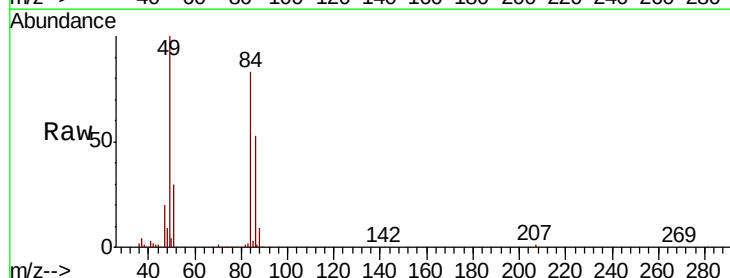
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

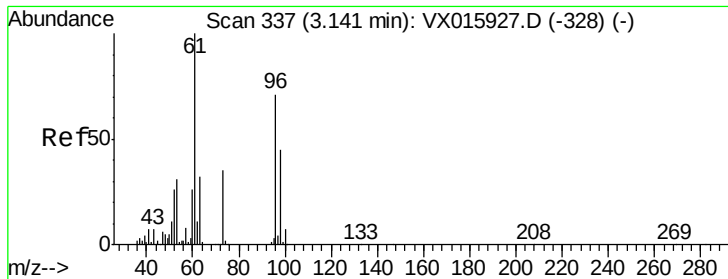
Tot Ion: 73 Resp: 292666
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9



#20
Methylene Chloride
Concen: 47.936 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX015933.D
Acq: 24 Apr 2020 16:04

Tgt Ion: 84 Resp: 92601
Ion Ratio Lower Upper
84 100
49 119.9 93.0 139.6
51 36.4 28.6 43.0
86 63.8 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 49.068 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

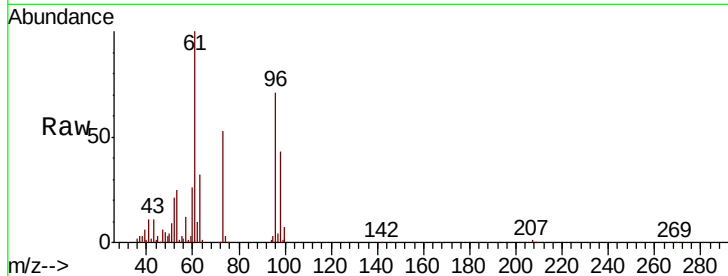
Tot Ion: 96 Resp: 91523

Ion Ratio Lower Upper

96 100

61 141.4 112.7 169.1

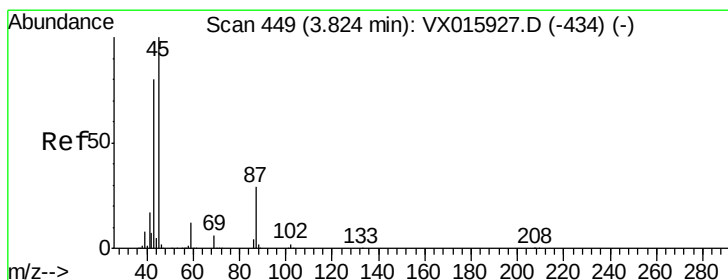
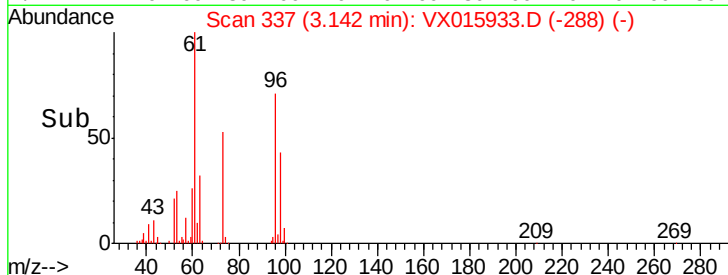
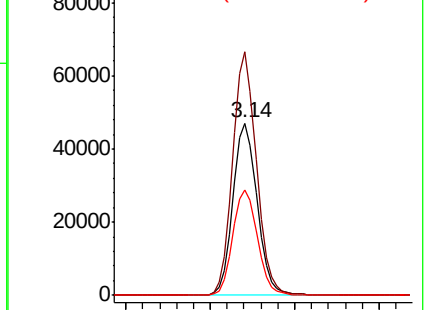
98 61.0 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.492 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

Tgt Ion: 45 Resp: 282548

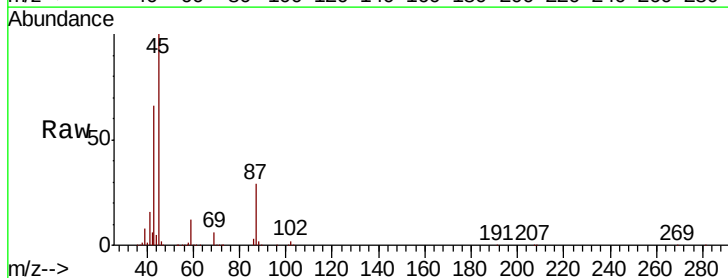
Ion Ratio Lower Upper

45 100

43 66.0 63.8 95.6

87 29.2 22.9 34.3

59 12.1 9.5 14.3

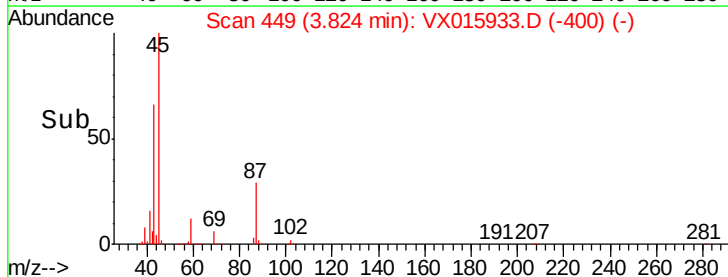
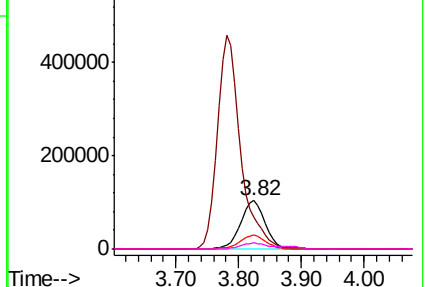


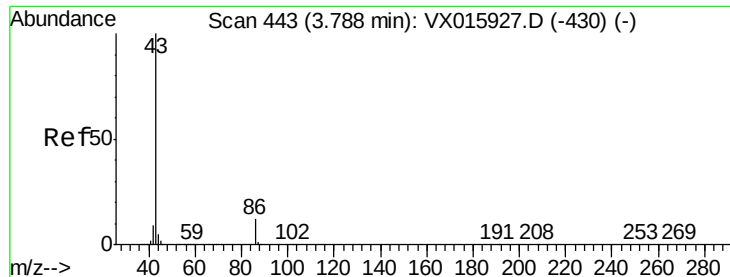
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 247.527 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

Instrument :

MSVOA_X

ClientSampleId :

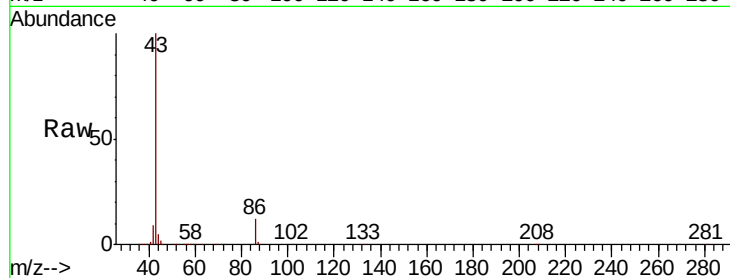
VSTDCCC050

Tot Ion: 43 Resp: 1178351

Ion Ratio Lower Upper

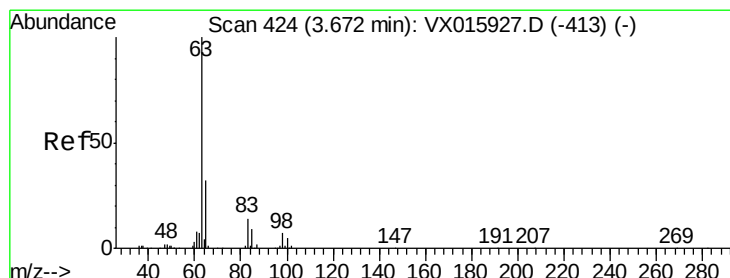
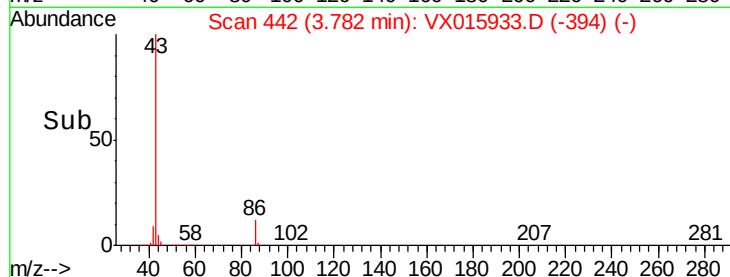
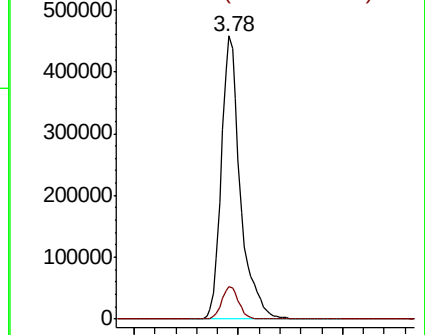
43 100

86 11.6 9.4 14.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.172 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

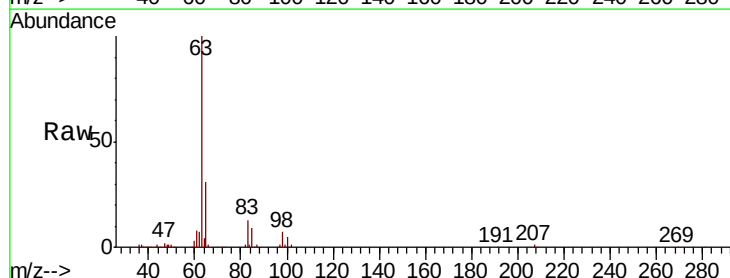
Tgt Ion: 63 Resp: 163904

Ion Ratio Lower Upper

63 100

98 7.3 3.7 11.1

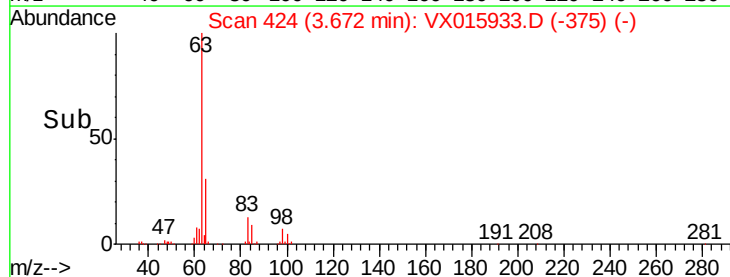
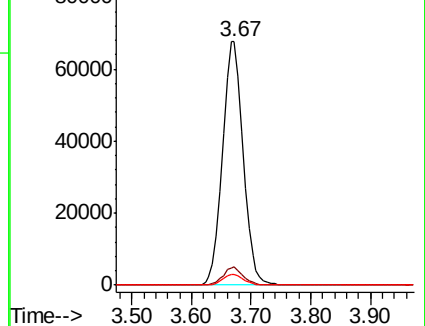
100 4.6 2.3 6.9

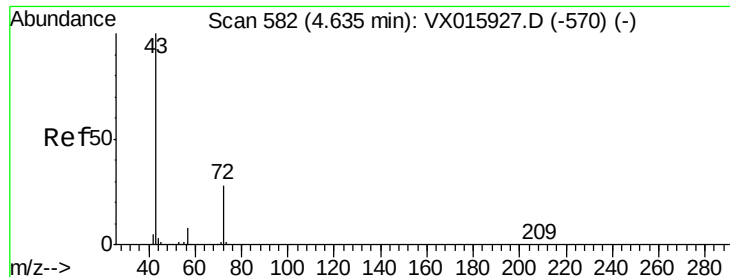


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 228.818 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

Instrument :

MSVOA_X

ClientSampleId :

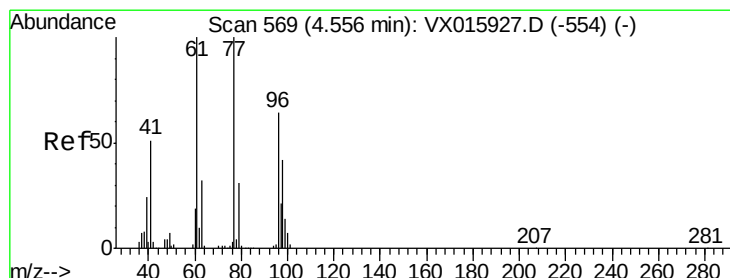
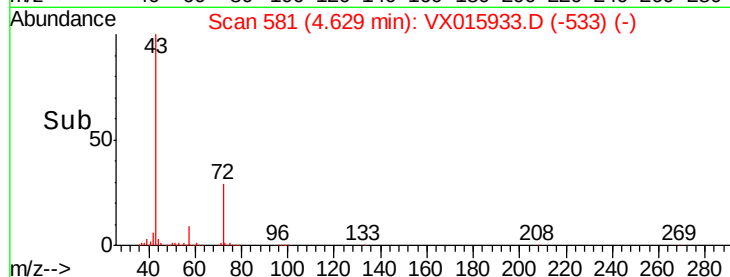
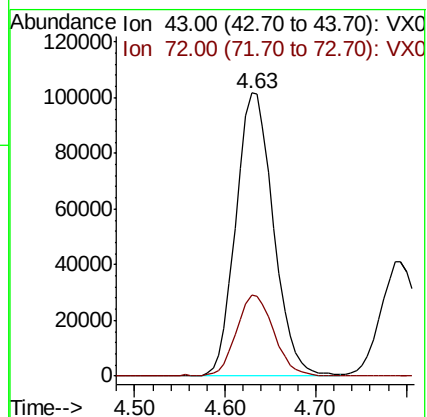
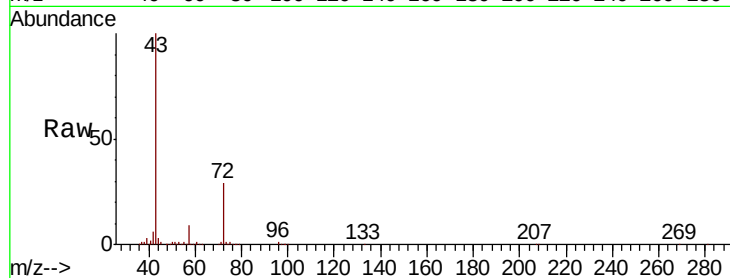
VSTDCCC050

Tot Ion: 43 Resp: 290959

Ion Ratio Lower Upper

43 100

72 28.8 22.4 33.6



#26

2,2-Dichloropropane

Concen: 50.611 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX015933.D

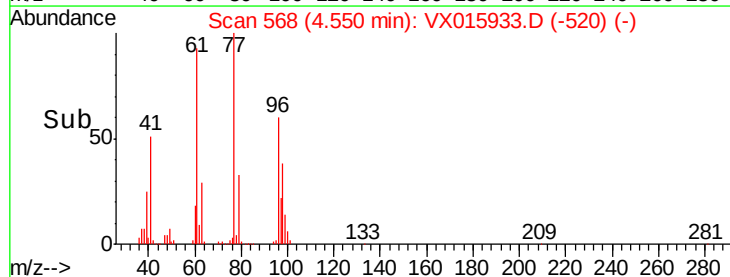
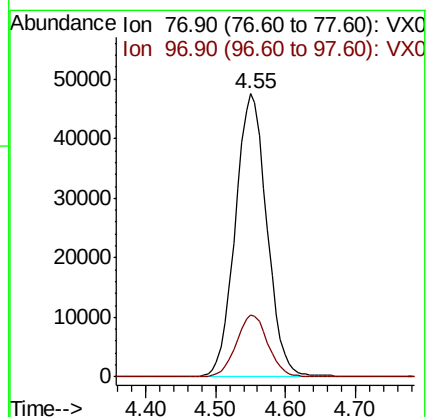
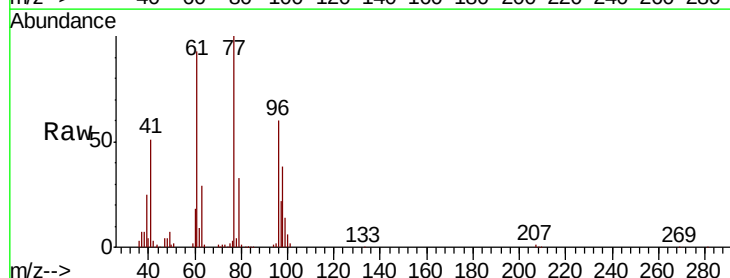
Acq: 24 Apr 2020 16:04

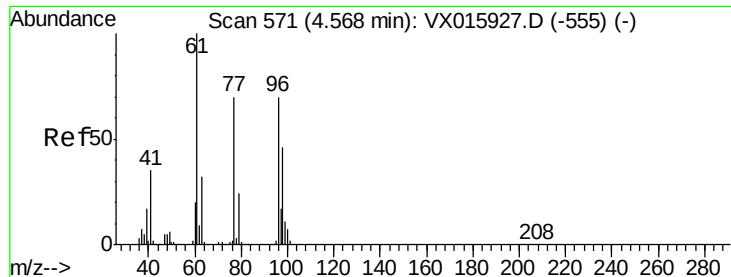
Tgt Ion: 77 Resp: 148859

Ion Ratio Lower Upper

77 100

97 22.0 11.3 33.9



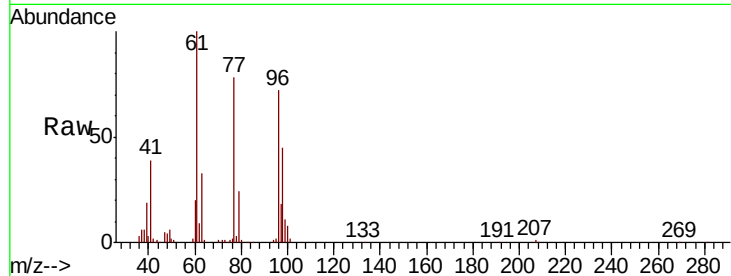


#27

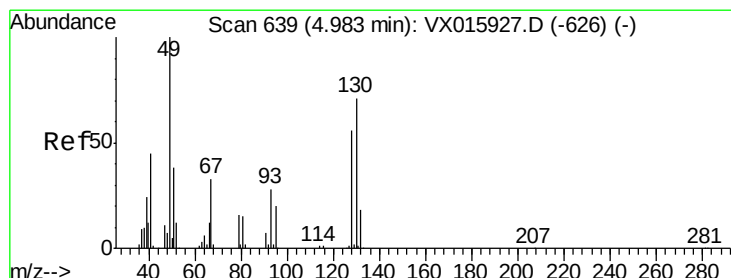
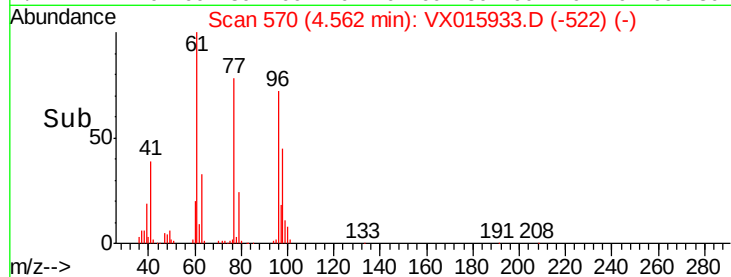
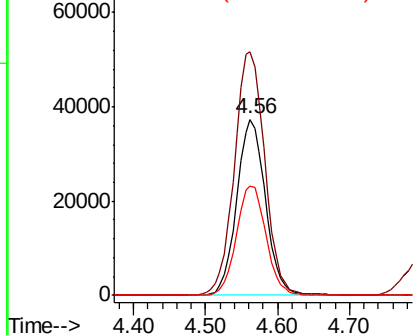
cis-1,2-Dichloroethene
 Concen: 48.945 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX015933.D
 Acq: 24 Apr 2020 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.4	0.0	293.4
98	64.1	0.0	129.0



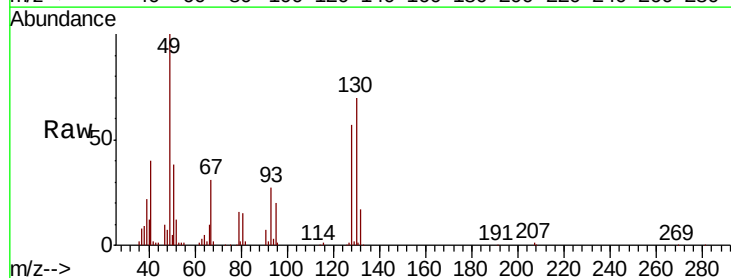
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



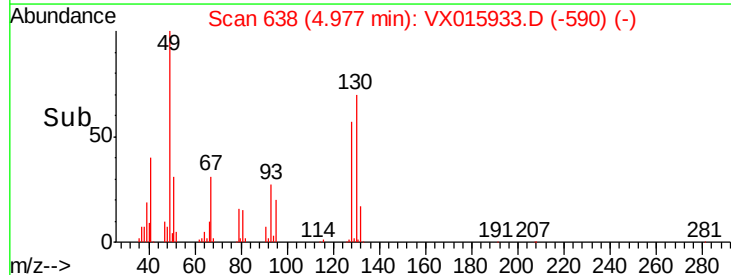
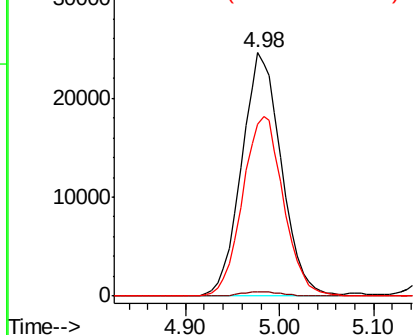
#28

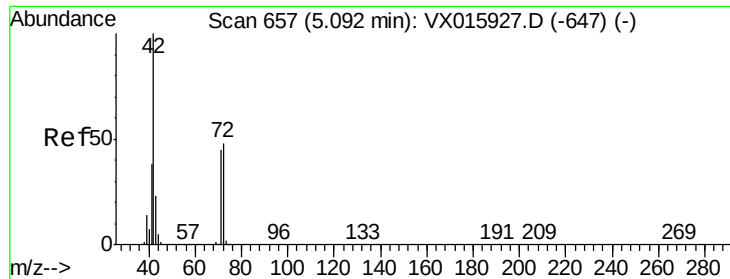
Bromochloromethane
 Concen: 49.366 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX015933.D
 Acq: 24 Apr 2020 16:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	75.7	60.7	91.1



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





#29

Tetrahydrofuran

Concen: 232.490 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

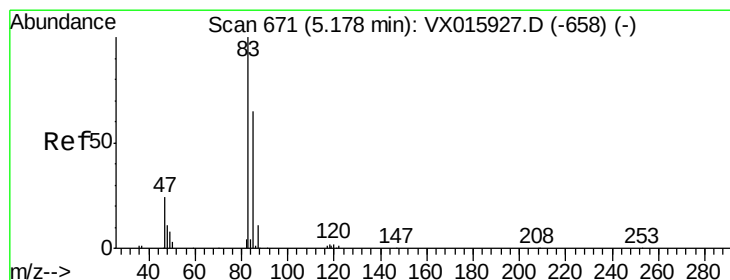
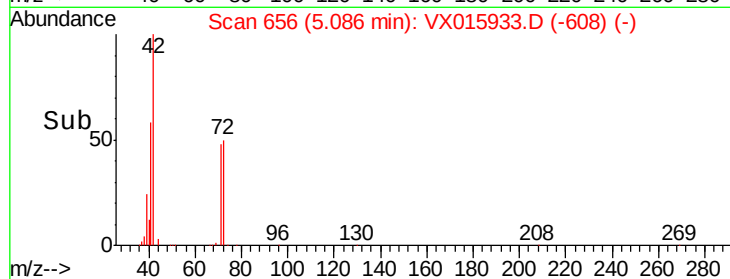
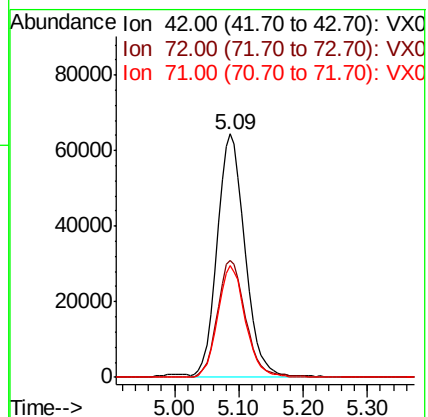
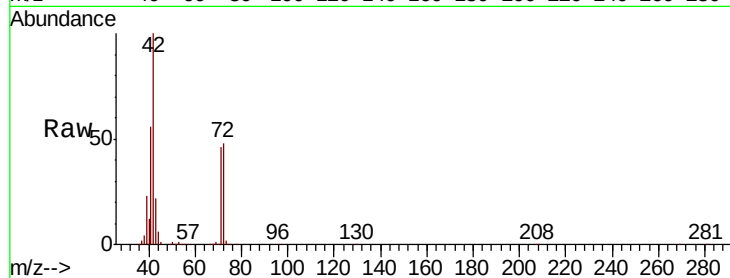
Tot Ion: 42 Resp: 194743

Ion Ratio Lower Upper

42 100

72 49.4 39.5 59.3

71 45.9 36.4 54.6



#30

Chloroform

Concen: 49.244 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX015933.D

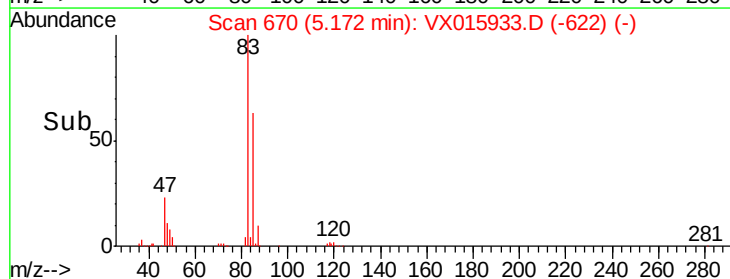
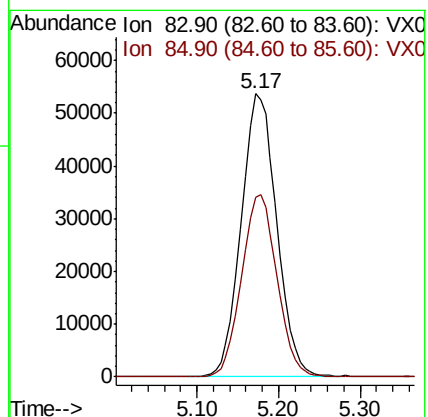
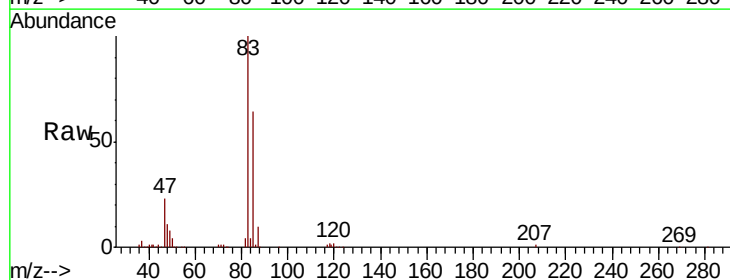
Acq: 24 Apr 2020 16:04

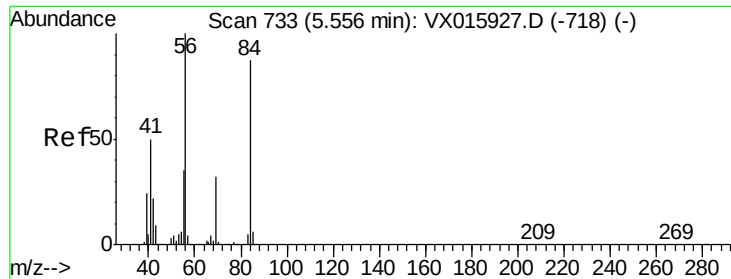
Tgt Ion: 83 Resp: 162258

Ion Ratio Lower Upper

83 100

85 63.6 51.7 77.5

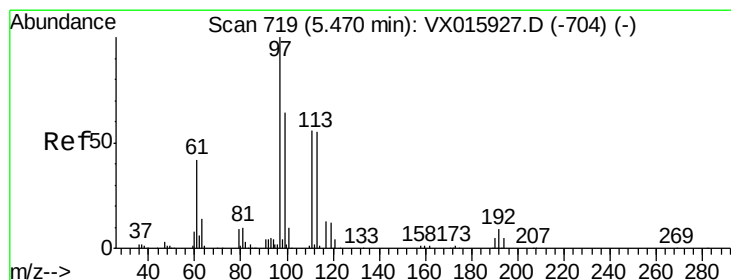
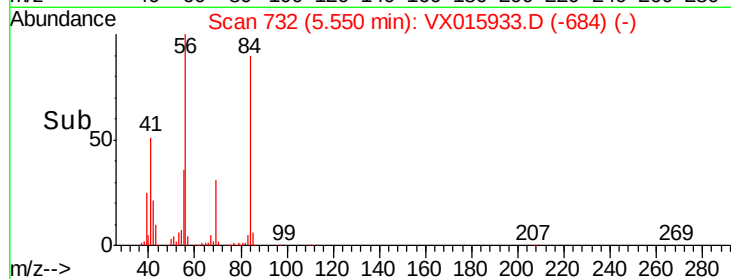
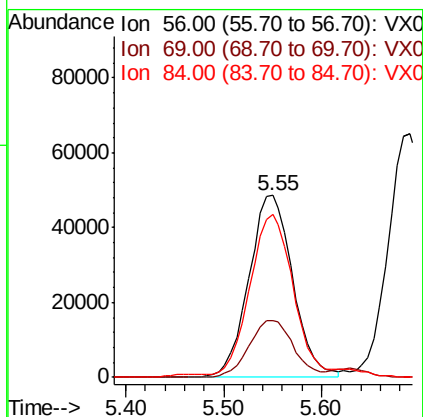
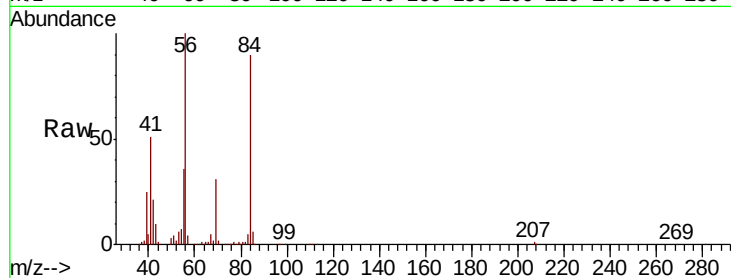




#31
Cyclohexane
Concen: 48.456 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX015933.D
Acq: 24 Apr 2020 16:04

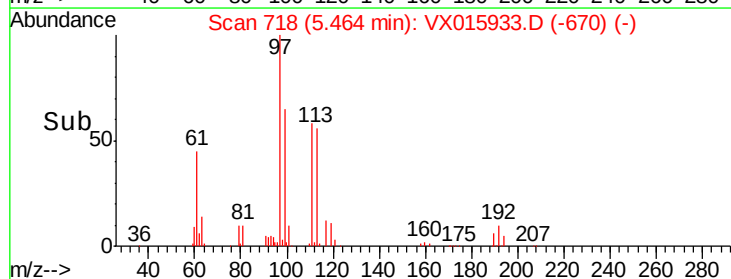
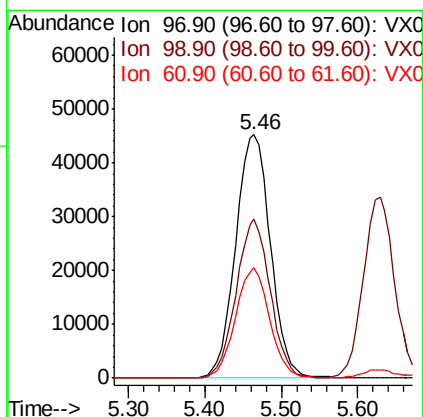
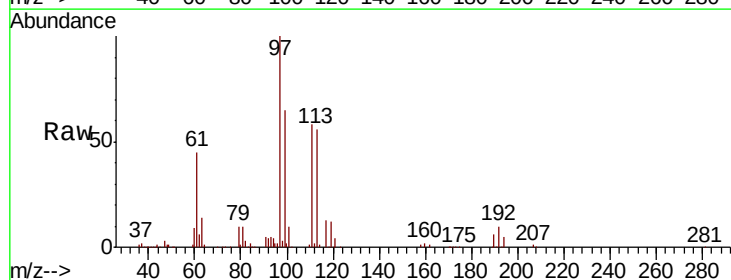
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

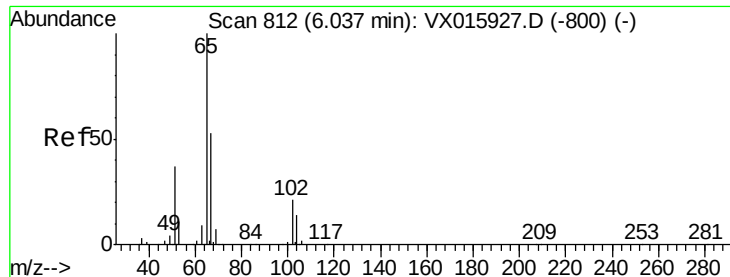
Tot Ion: 56 Resp: 151288
Ion Ratio Lower Upper
56 100
69 31.0 25.4 38.0
84 88.1 69.5 104.3



#32
1,1,1-Trichloroethane
Concen: 48.178 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX015933.D
Acq: 24 Apr 2020 16:04

Tgt Ion: 97 Resp: 142812
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 44.4 35.0 52.4

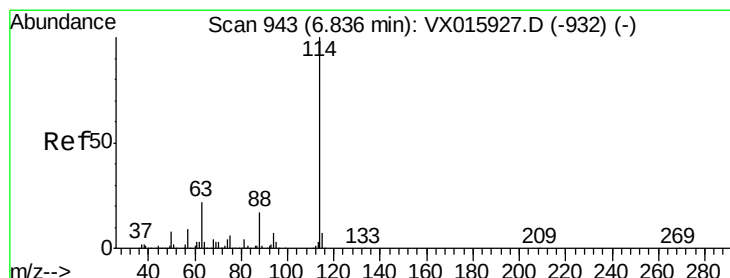
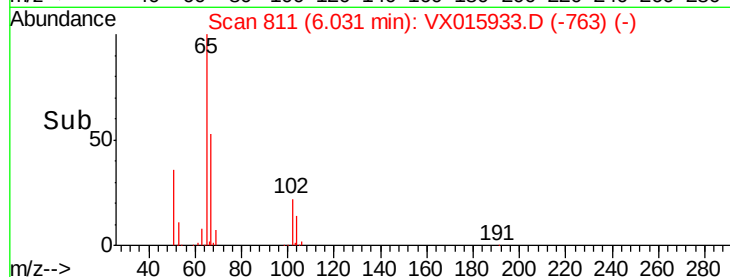
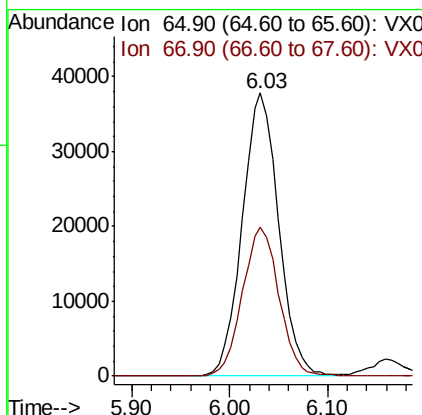
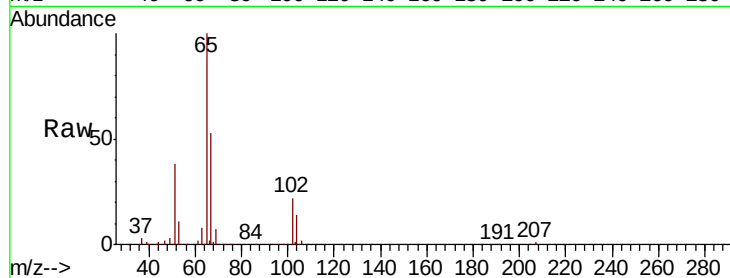




#33
 1,2-Dichloroethane-d4
 Concen: 47.052 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: VX015933.D
 Acq: 24 Apr 2020 16:04

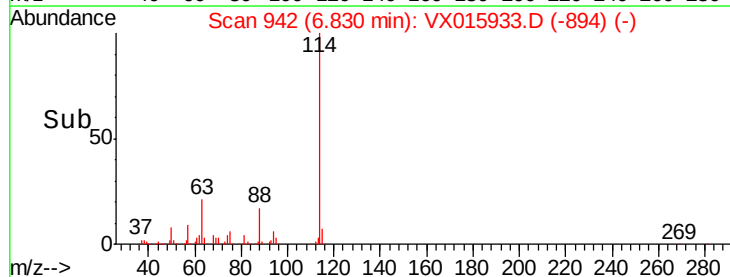
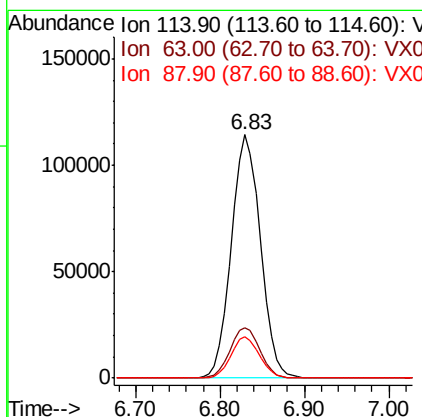
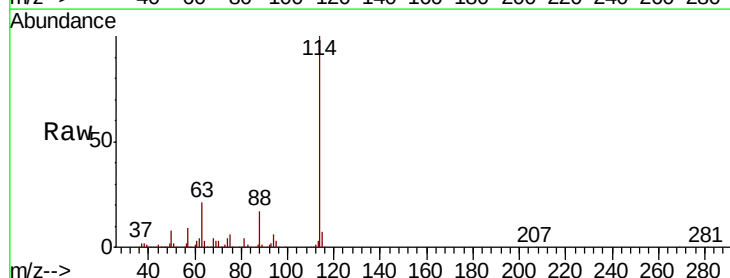
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

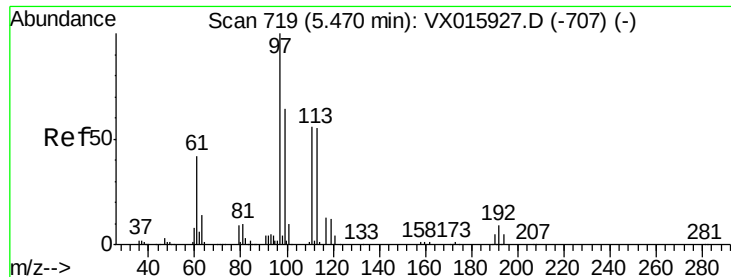
Tot Ion: 65 Resp: 97964
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX015933.D
 Acq: 24 Apr 2020 16:04

Tgt Ion: 114 Resp: 267402
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 44.4
 88 17.1 0.0 34.2

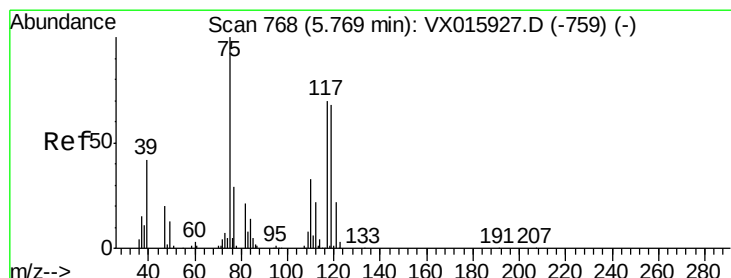
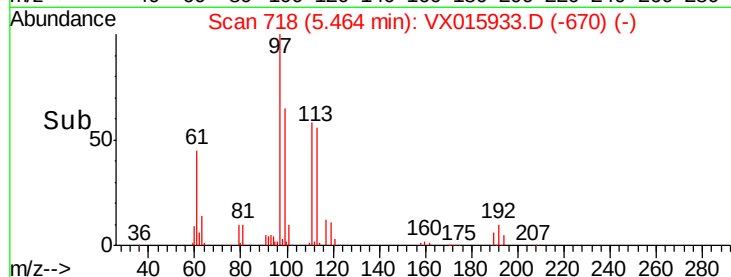
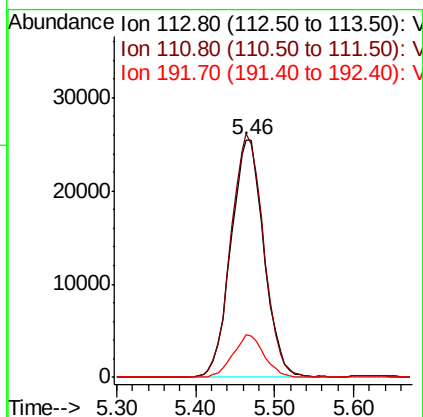
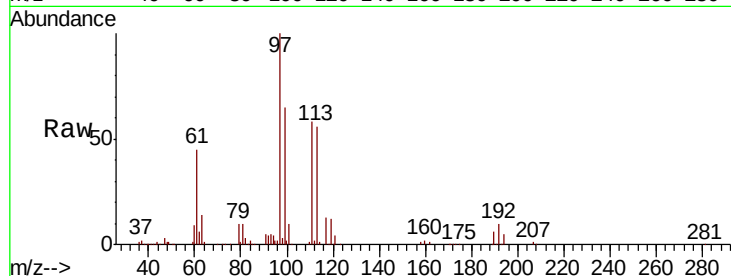




#35
 Dibromofluoromethane
 Concen: 50.831 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX015933.D
 Acq: 24 Apr 2020 16:04

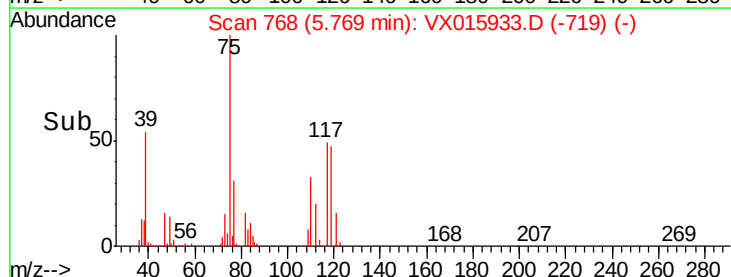
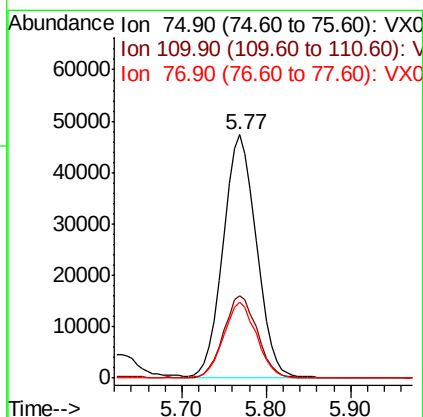
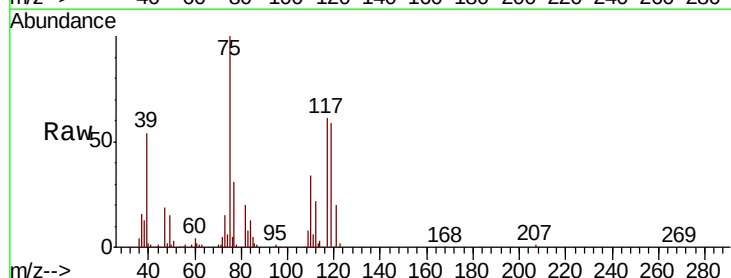
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

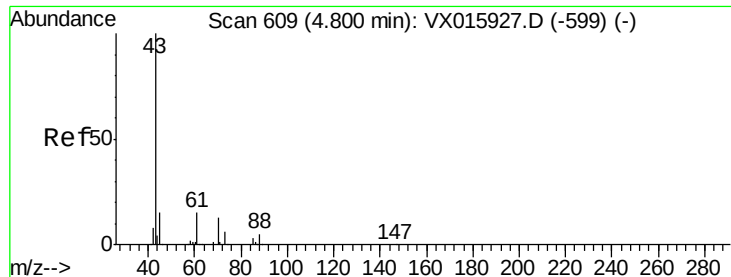
Tot Ion:113 Resp: 74130
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.2 121.8
 192 17.0 13.6 20.4



#36
 1,1-Dichloropropene
 Concen: 50.012 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX015933.D
 Acq: 24 Apr 2020 16:04

Tgt Ion: 75 Resp: 127630
 Ion Ratio Lower Upper
 75 100
 110 34.3 17.1 51.3
 77 31.0 25.0 37.4

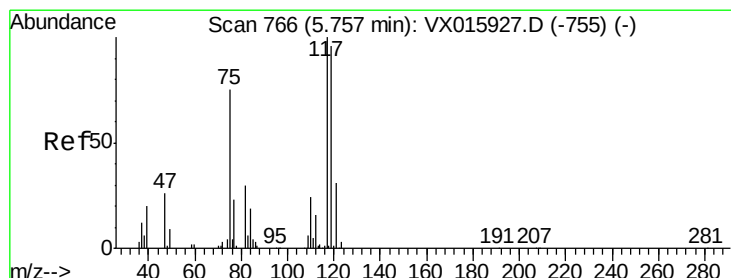
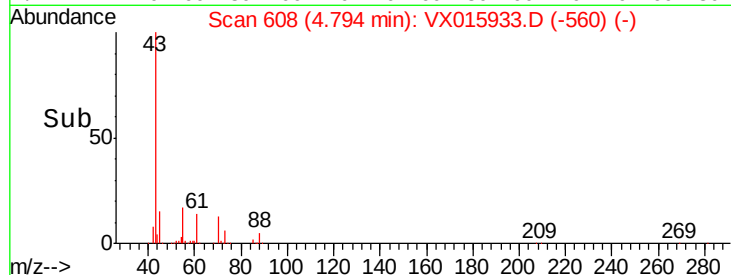
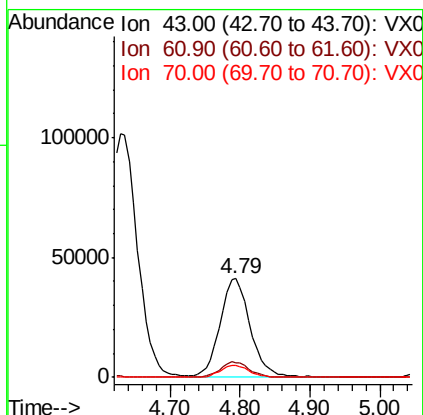
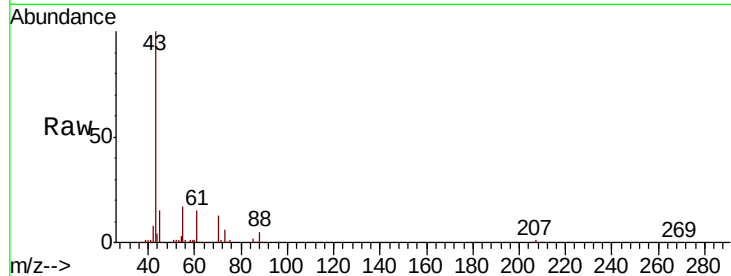




#37
Ethyl Acetate
Concen: 47.417 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX015933.D
Acq: 24 Apr 2020 16:04

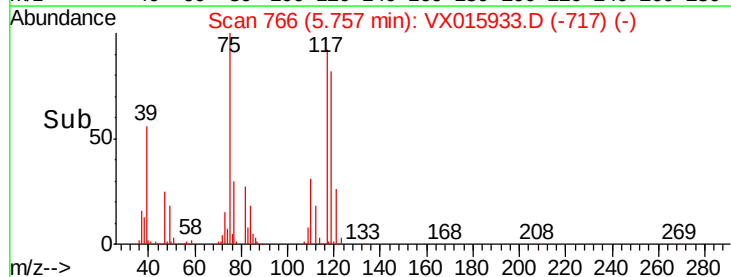
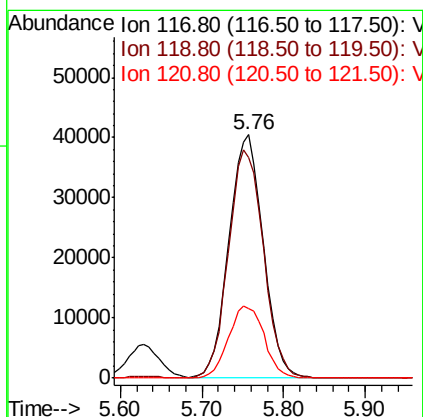
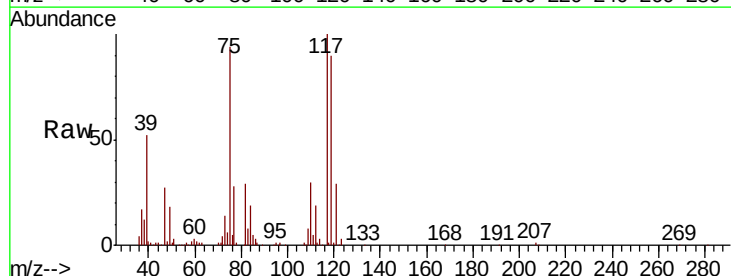
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

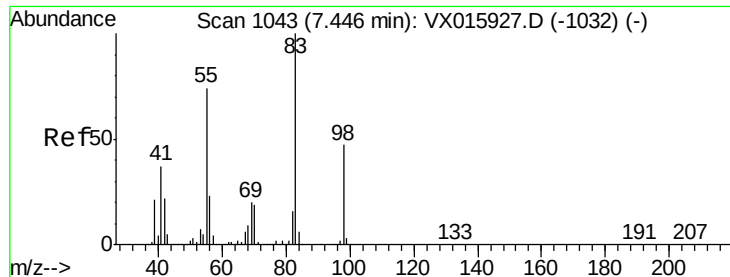
Tot Ion: 43 Resp: 121383
Ion Ratio Lower Upper
43 100
61 14.9 11.6 17.4
70 12.2 9.8 14.6



#38
Carbon Tetrachloride
Concen: 50.328 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX015933.D
Acq: 24 Apr 2020 16:04

Tgt Ion: 117 Resp: 117368
Ion Ratio Lower Upper
117 100
119 90.3 77.0 115.6
121 28.8 25.0 37.4

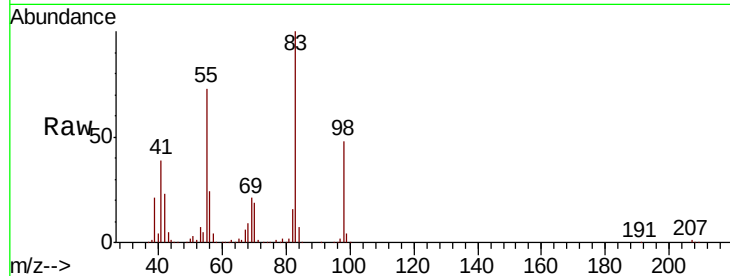




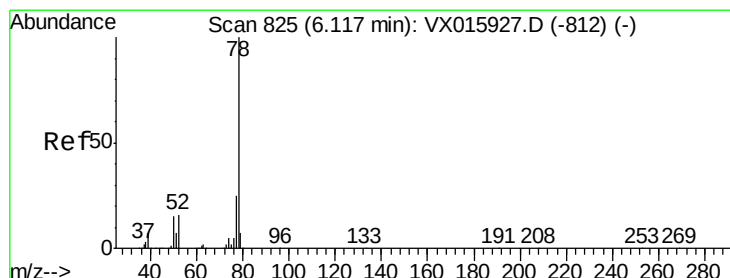
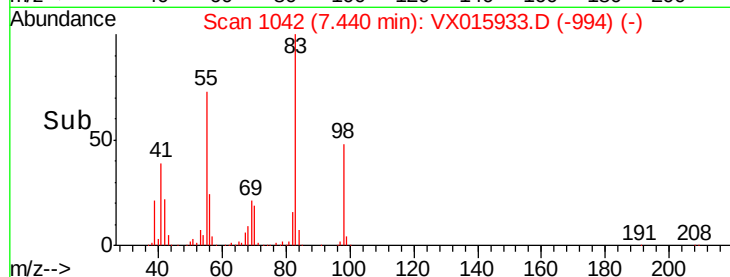
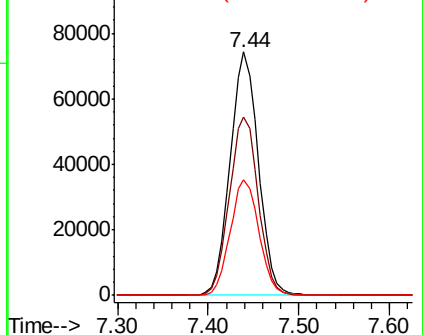
#39
Methylvlcyclohexane
Concen: 52.018 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX015933.D
Acq: 24 Apr 2020 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 160918
Ion Ratio Lower Upper
83 100
55 73.5 59.0 88.4
98 47.8 37.4 56.0

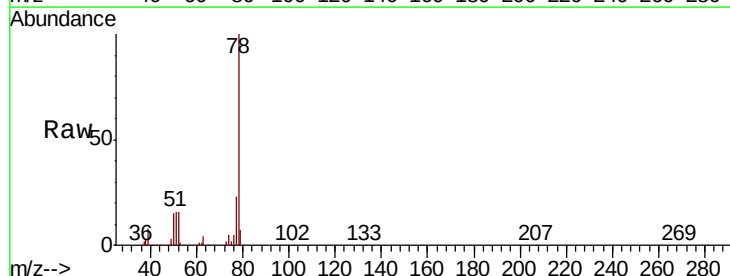


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

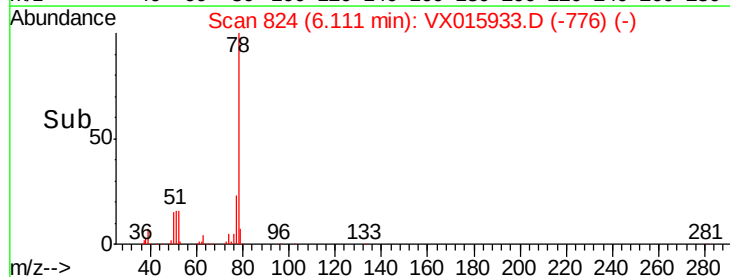
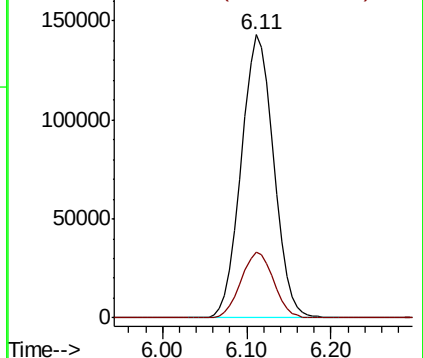


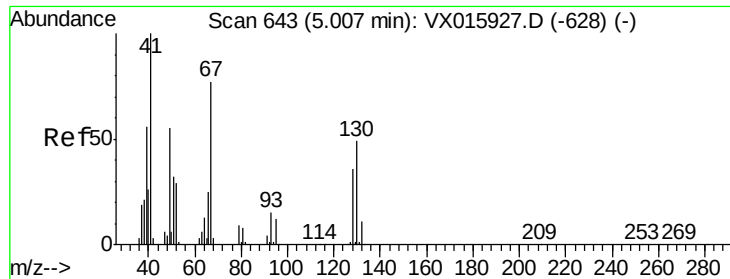
#40
Benzene
Concen: 50.098 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX015933.D
Acq: 24 Apr 2020 16:04

Tgt Ion: 78 Resp: 374162
Ion Ratio Lower Upper
78 100
77 23.3 19.8 29.8



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

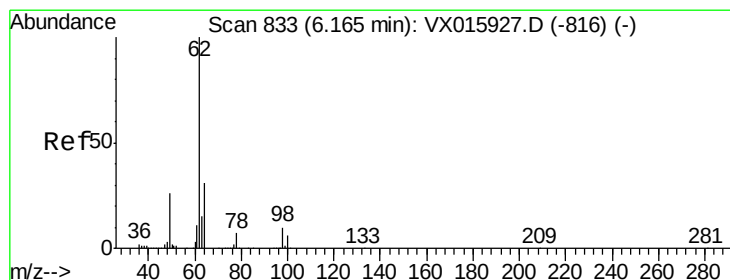
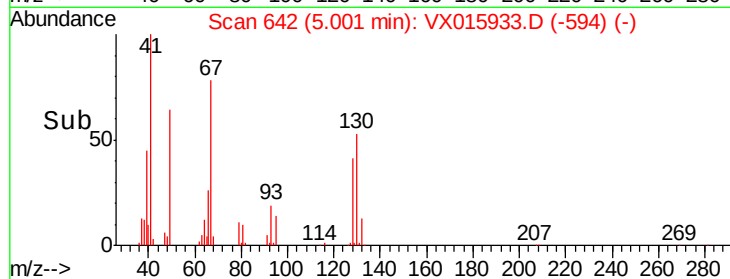
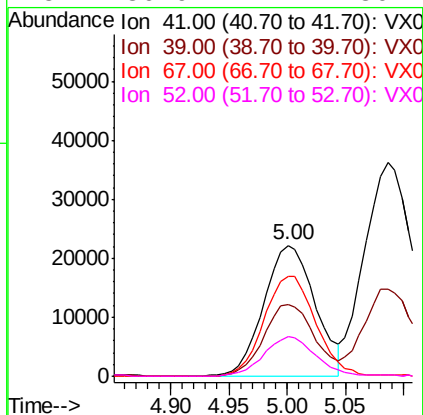
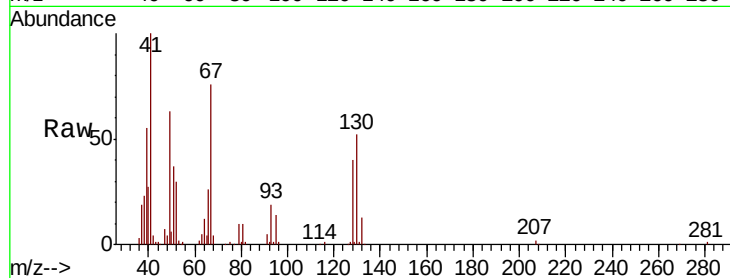




#41
Methacrylonitrile
Concen: 46.552 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX015933.D
Acq: 24 Apr 2020 16:04

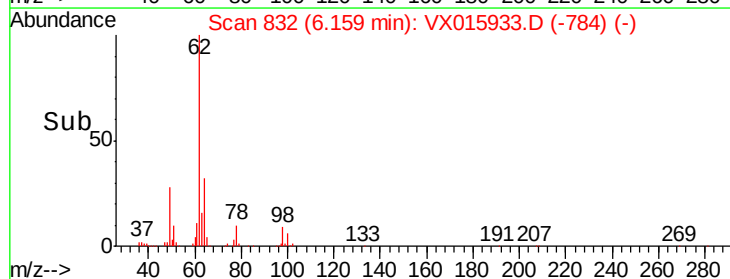
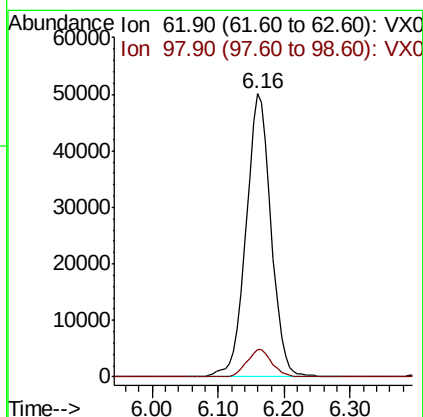
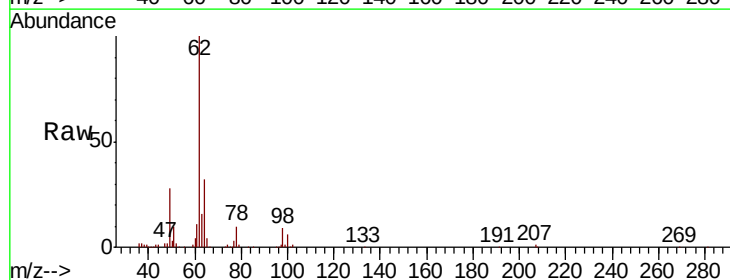
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

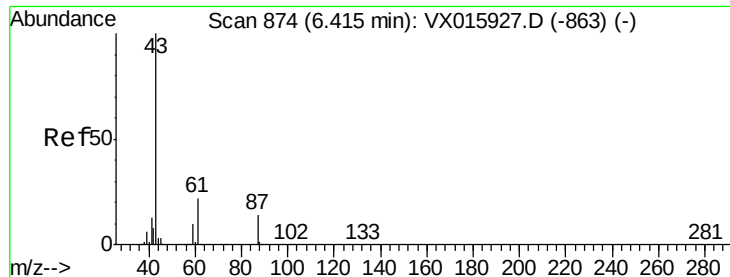
Tot Ion:	41	Resp:	67550
Ion	Ratio	Lower	Upper
41	100		
39	54.8	42.8	64.2
67	78.2	62.0	93.0
52	30.9	24.2	36.4



#42
1,2-Dichloroethane
Concen: 50.501 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX015933.D
Acq: 24 Apr 2020 16:04

Tgt Ion:	62	Resp:	131992
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.0





#43

Isopropyl Acetate

Concen: 49.564 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

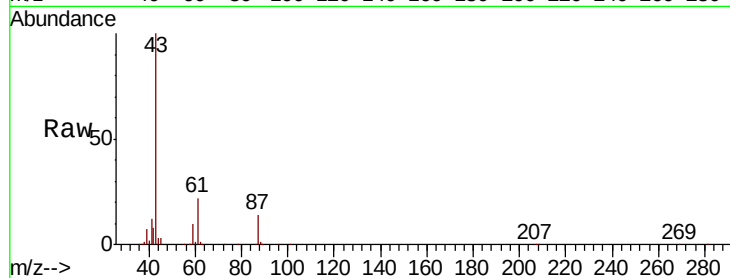
Tot Ion: 43 Resp: 208448

Ion Ratio Lower Upper

43 100

61 21.8 17.6 26.4

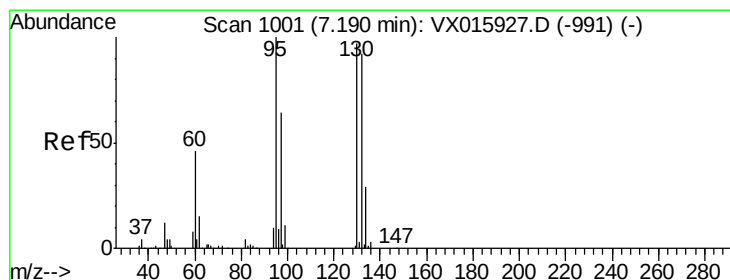
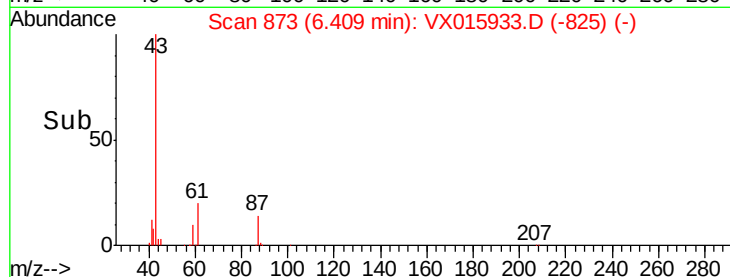
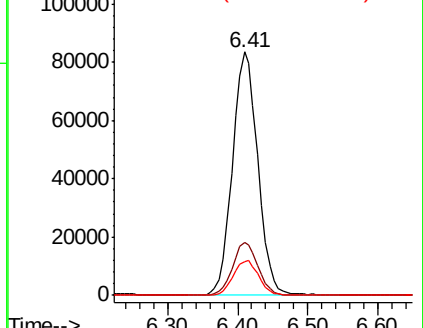
87 14.4 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.653 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX015933.D

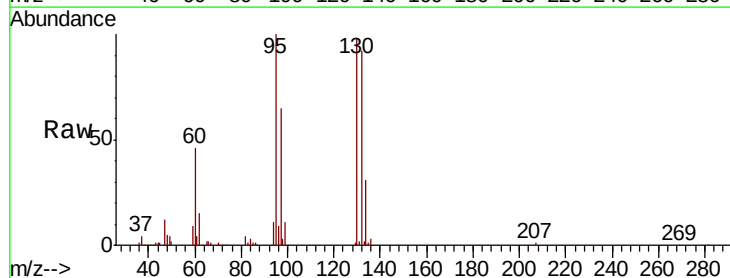
Acq: 24 Apr 2020 16:04

Tgt Ion:130 Resp: 114154

Ion Ratio Lower Upper

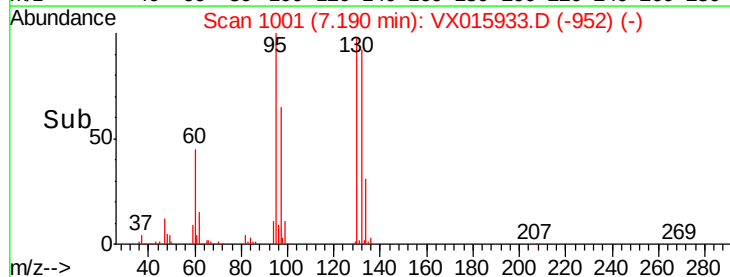
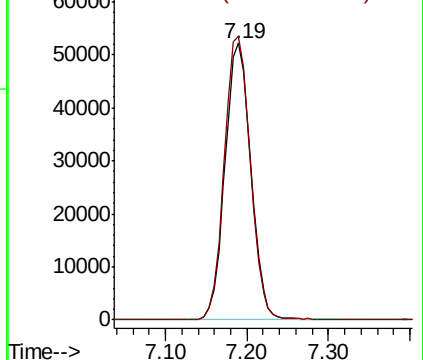
130 100

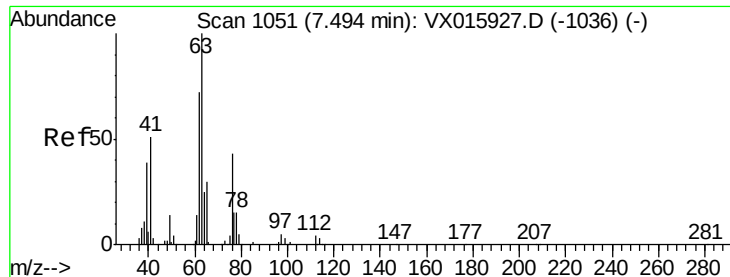
95 102.3 0.0 205.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 49.899 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

Instrument :

MSVOA_X

ClientSampleId :

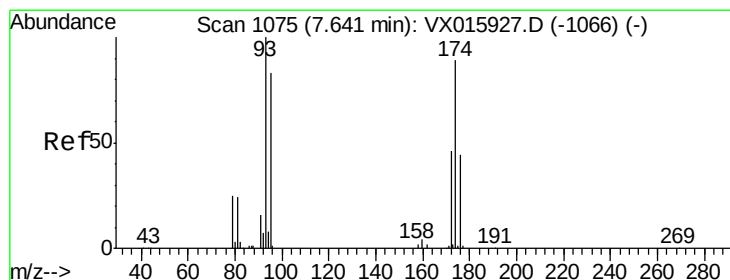
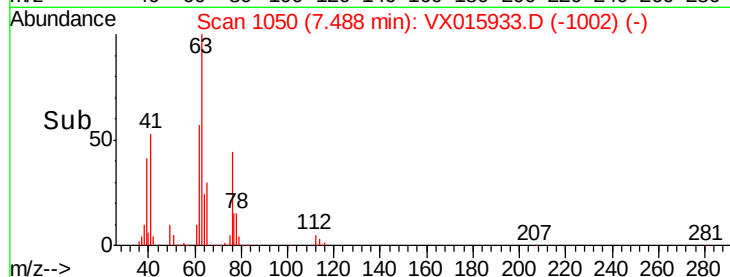
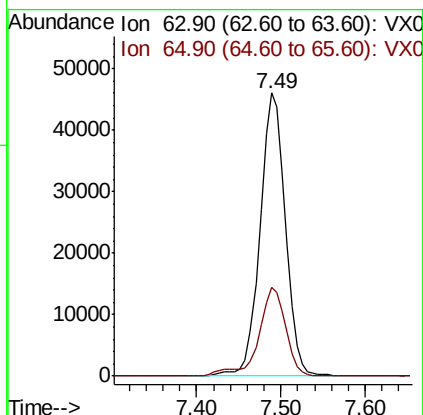
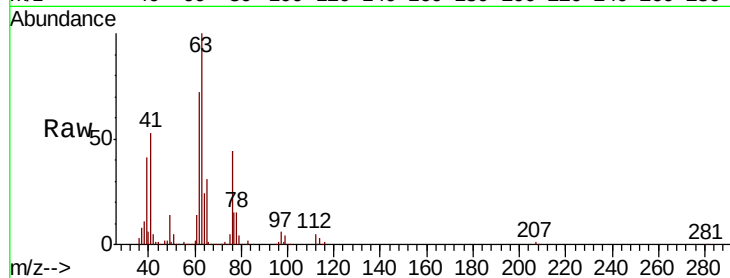
VSTDCCC050

Tot Ion: 63 Resp: 95363

Ion Ratio Lower Upper

63 100

65 31.4 24.3 36.5



#46

Dibromomethane

Concen: 49.530 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

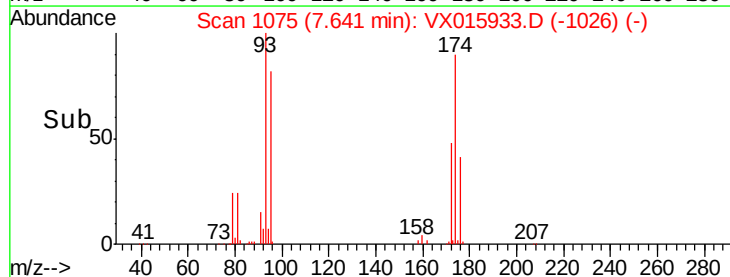
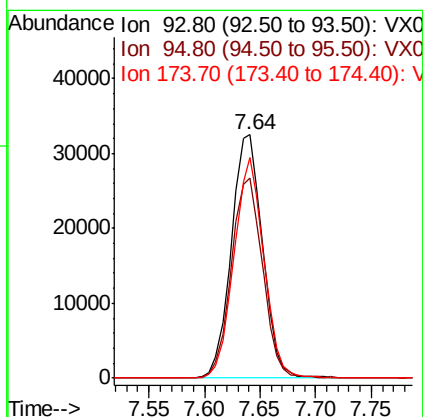
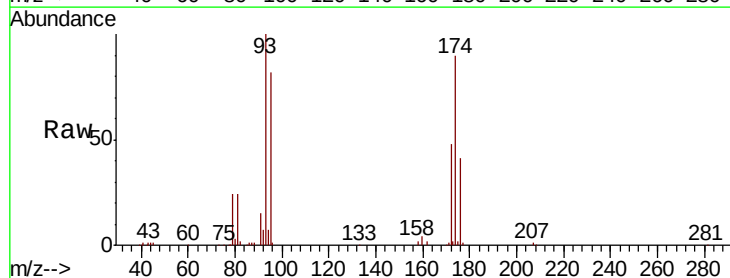
Tgt Ion: 93 Resp: 63214

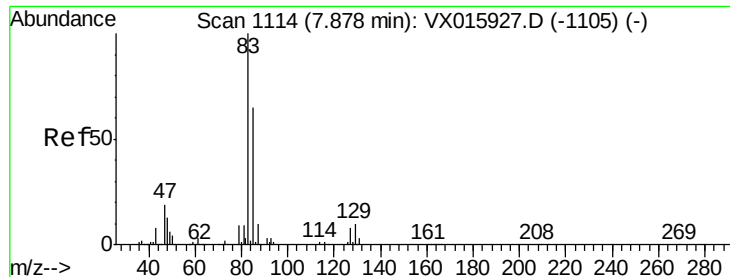
Ion Ratio Lower Upper

93 100

95 82.4 65.7 98.5

174 86.7 70.6 105.8





#47

Bromodichloromethane

Concen: 50.537 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

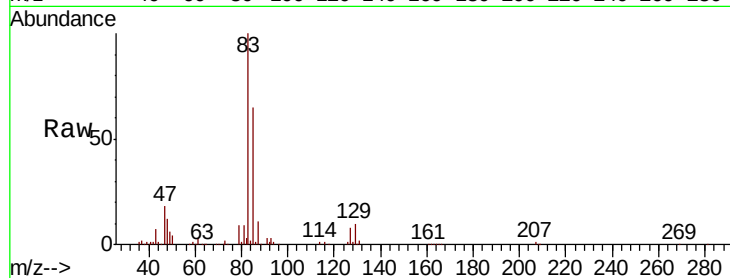
Tot Ion: 83 Resp: 131257

Ion Ratio Lower Upper

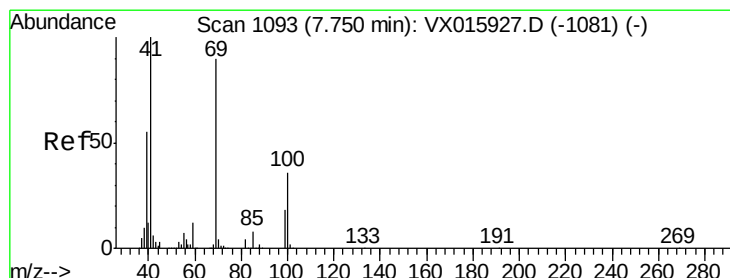
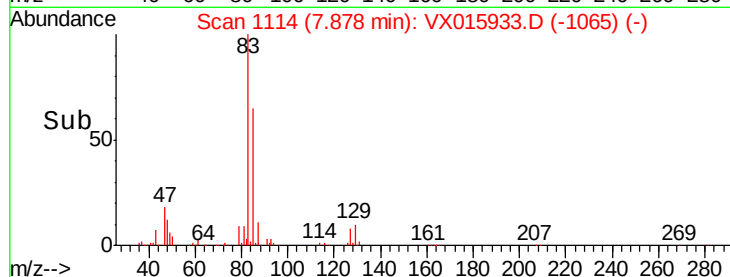
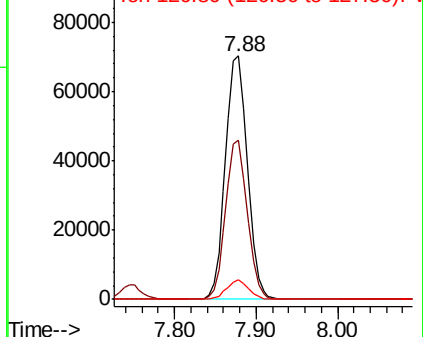
83 100

85 65.3 51.6 77.4

127 8.0 6.7 10.1



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: 49.073 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

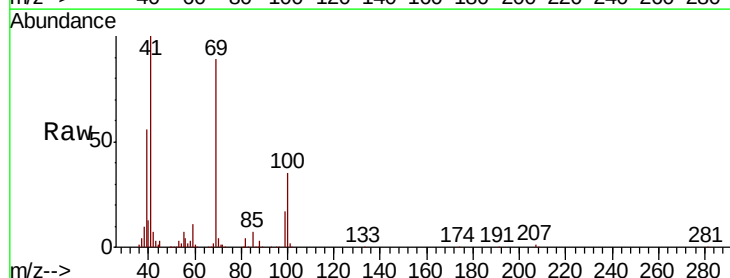
Tgt Ion: 41 Resp: 101485

Ion Ratio Lower Upper

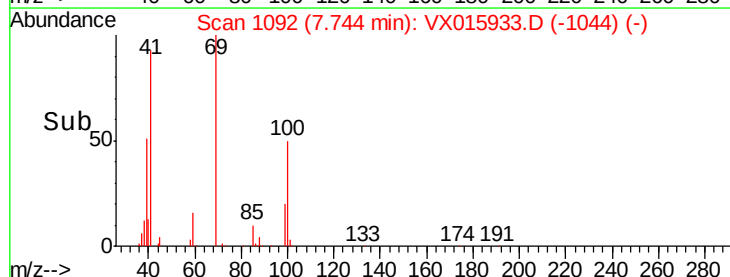
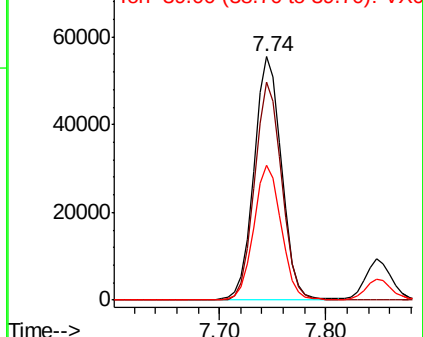
41 100

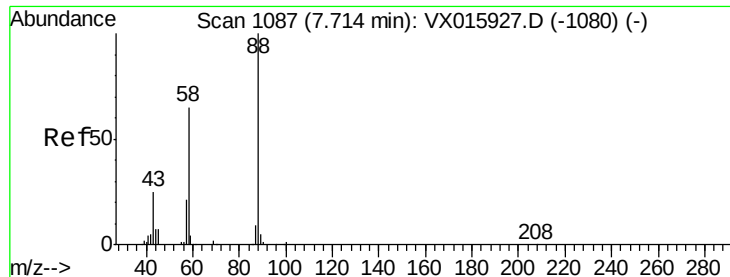
69 88.0 72.0 108.0

39 54.9 44.1 66.1



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: 906.487 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

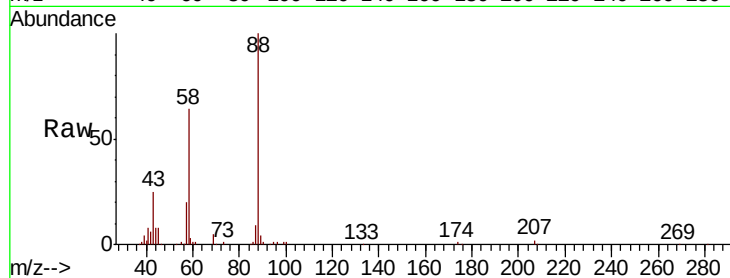
Tot Ion: 88 Resp: 41694

Ion Ratio Lower Upper

88 100

43 30.9 23.8 35.8

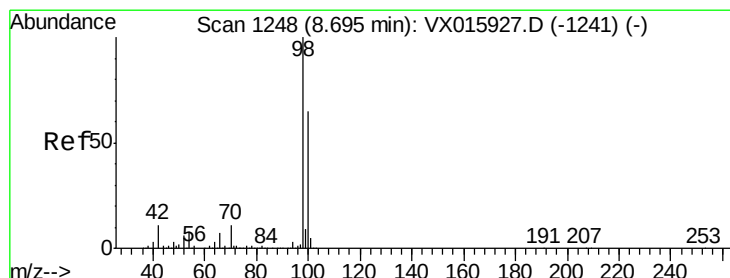
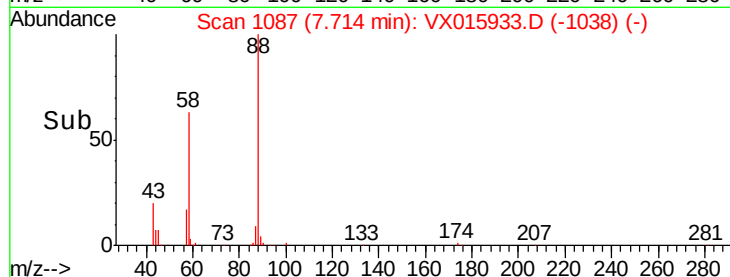
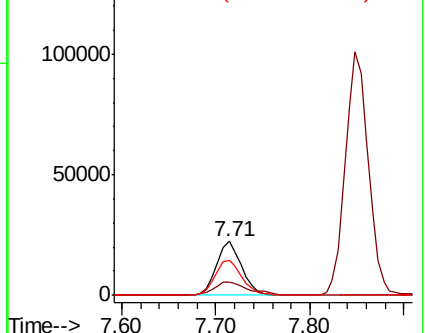
58 69.6 55.7 83.5



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: 49.004 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX015933.D

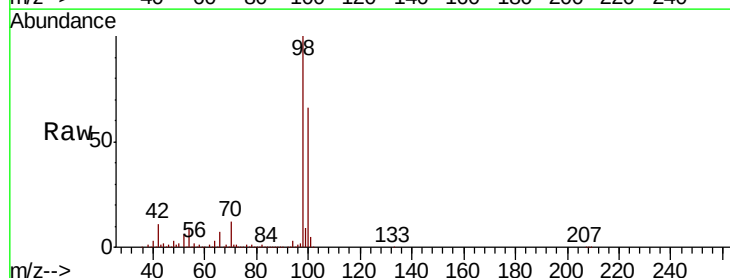
Acq: 24 Apr 2020 16:04

Tgt Ion: 98 Resp: 302565

Ion Ratio Lower Upper

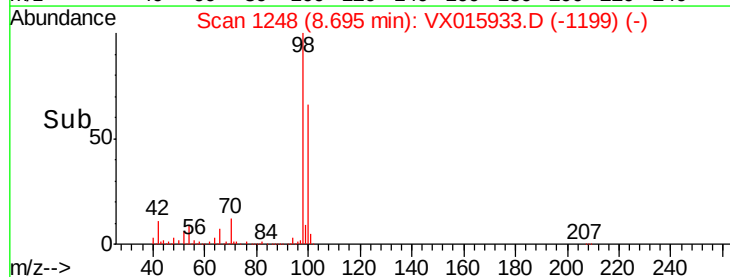
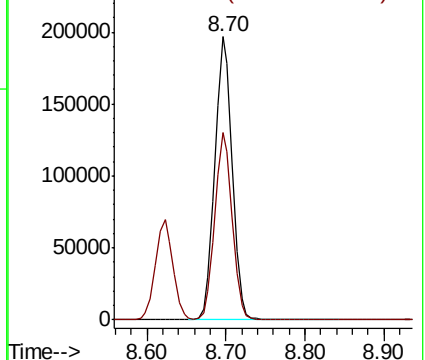
98 100

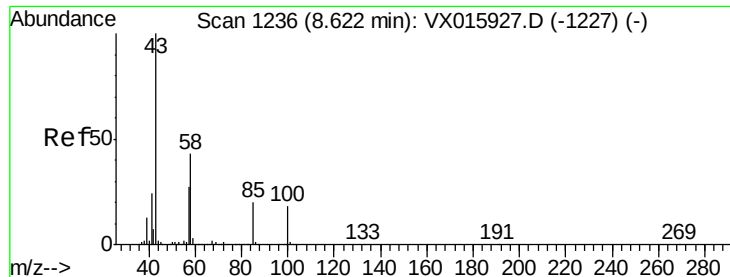
100 66.4 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

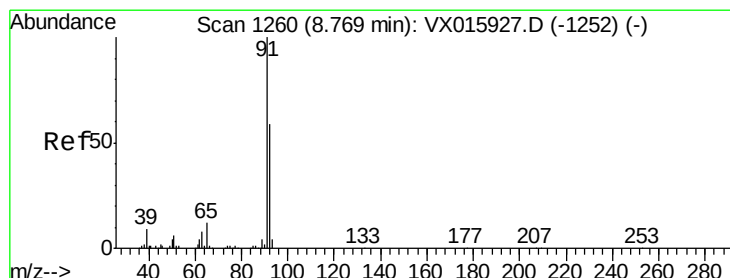
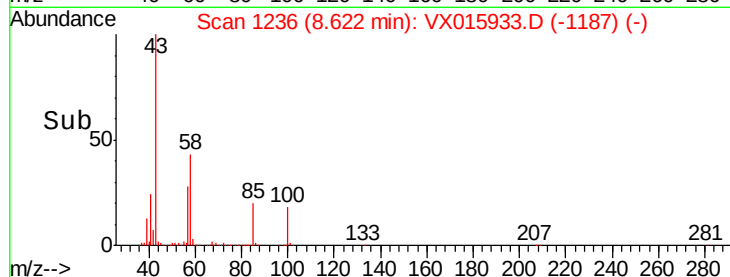
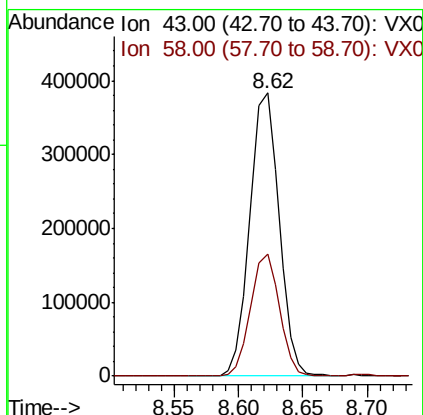
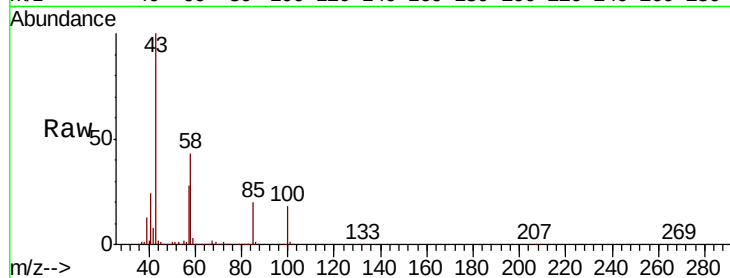




#51
 4-Methyl-2-Pentanone
 Concen: 243.874 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX015933.D
 Acq: 24 Apr 2020 16:04

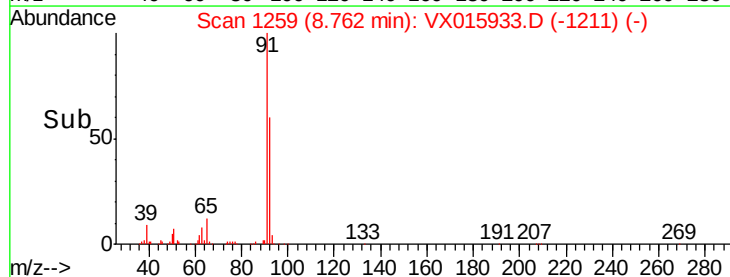
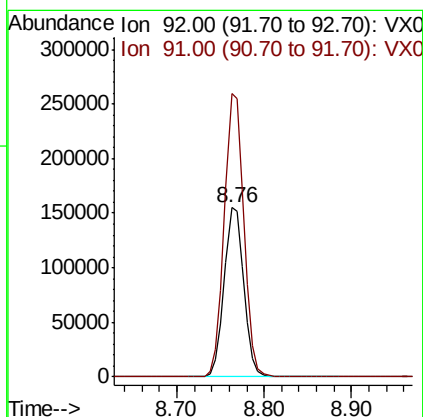
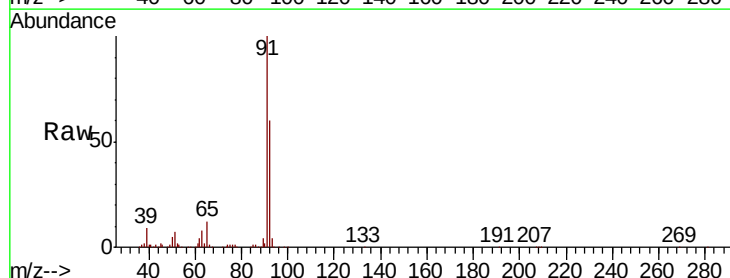
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

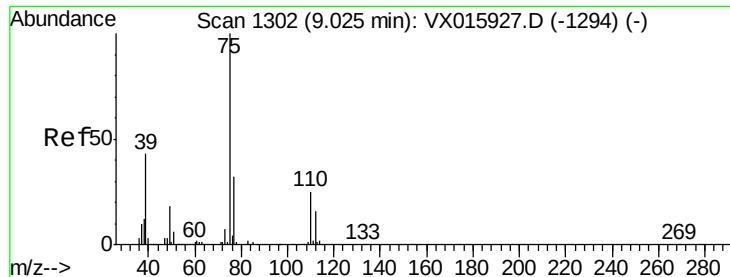
Tot Ion: 43 Resp: 601281
 Ion Ratio Lower Upper
 43 100
 58 42.7 34.2 51.4



#52
 Toluene
 Concen: 50.752 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX015933.D
 Acq: 24 Apr 2020 16:04

Tgt Ion: 92 Resp: 240454
 Ion Ratio Lower Upper
 92 100
 91 167.3 134.0 201.0





#53

t-1,3-Dichloropropene

Concen: 50.671 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

Instrument :

MSVOA_X

ClientSampleId :

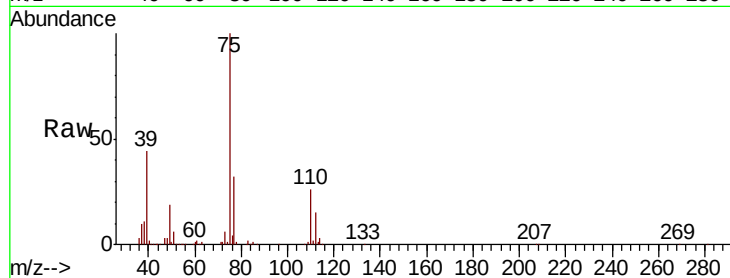
VSTDCCC050

Tot Ion: 75 Resp: 158690

Ion Ratio Lower Upper

75 100

77 31.5 25.9 38.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

120000

100000

80000

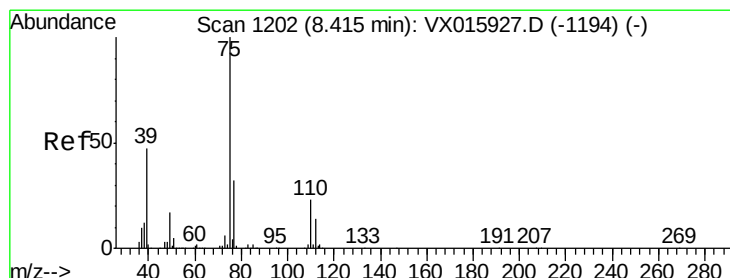
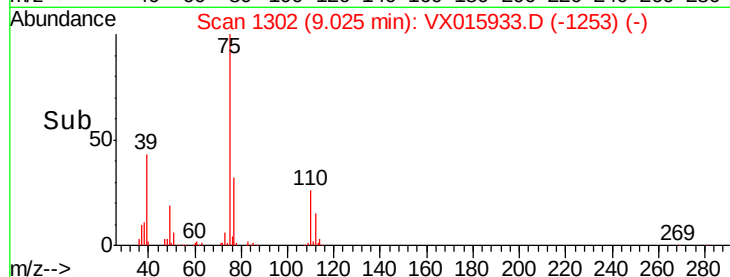
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.288 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

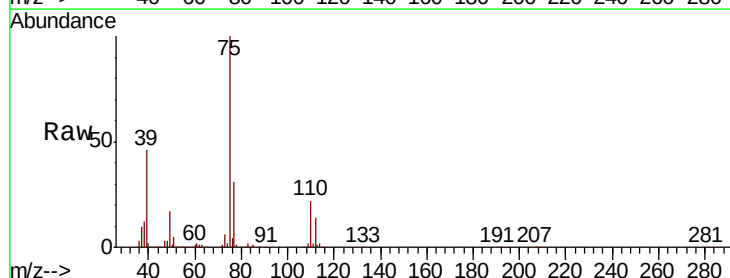
Tgt Ion: 75 Resp: 168031

Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.8

39 45.6 37.2 55.8



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

8.41

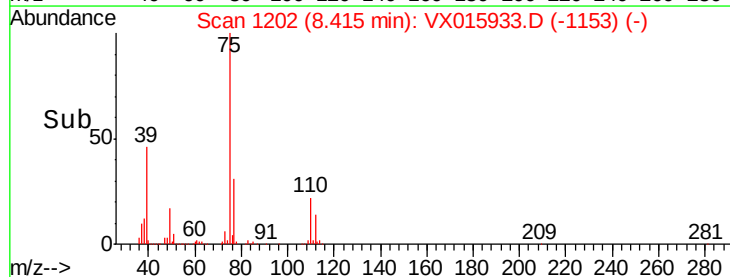
150000

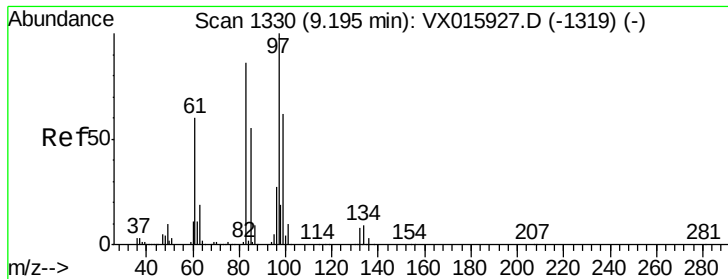
100000

50000

0

Time-->

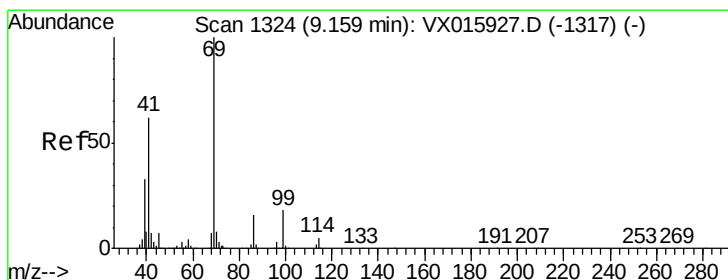
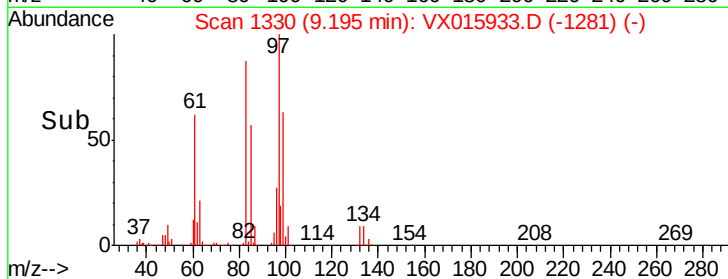
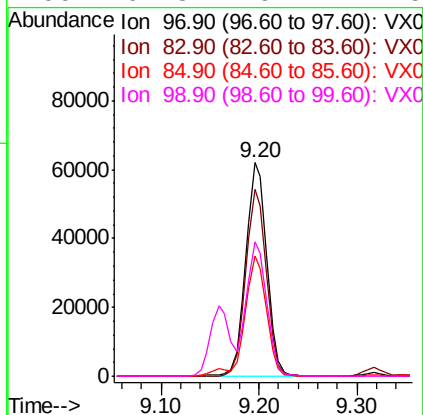
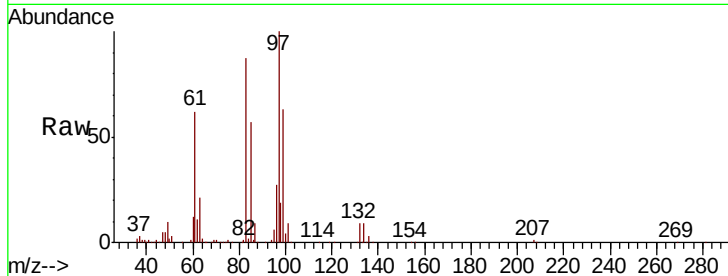




#55
 1,1,2-Trichloroethane
 Concen: 49.047 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX015933.D
 Acq: 24 Apr 2020 16:04

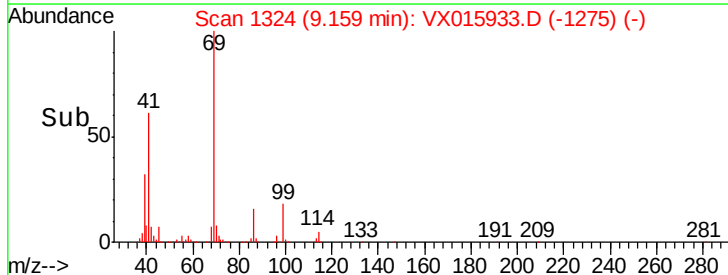
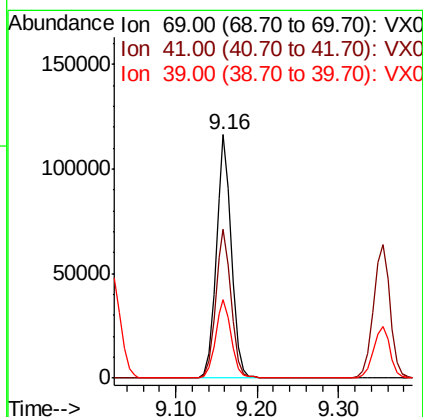
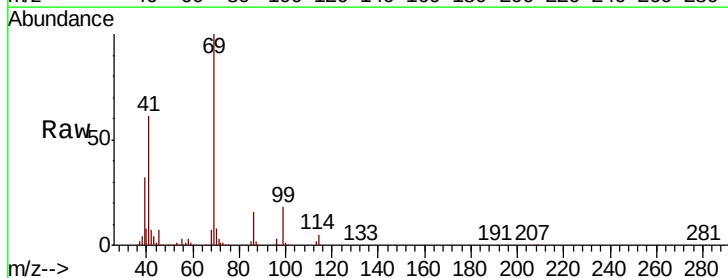
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

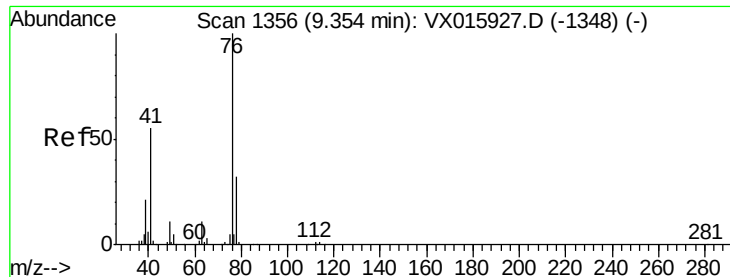
Tot Ion:	97	Resp:	92808
Ion	Ratio	Lower	Upper
97	100		
83	87.4	68.6	103.0
85	56.6	44.0	66.0
99	62.8	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 50.051 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX015933.D
 Acq: 24 Apr 2020 16:04

Tgt Ion:	69	Resp:	152570
Ion	Ratio	Lower	Upper
69	100		
41	62.6	49.2	73.8
39	33.4	26.0	39.0

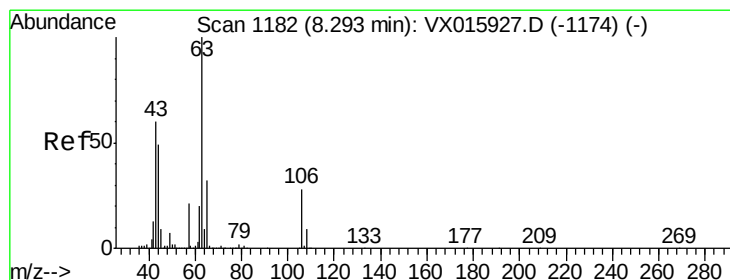
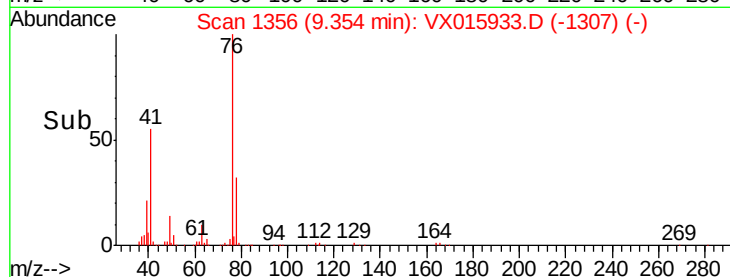
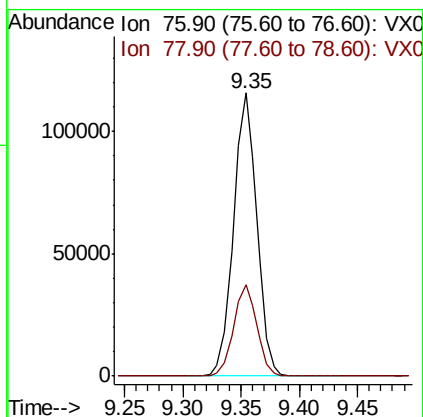
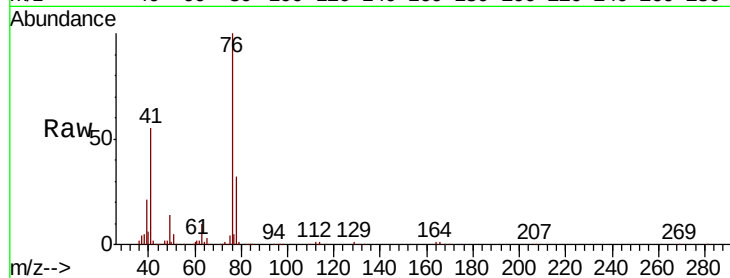




#57
 1,3-Dichloropropane
 Concen: 49.929 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX015933.D
 Acq: 24 Apr 2020 16:04

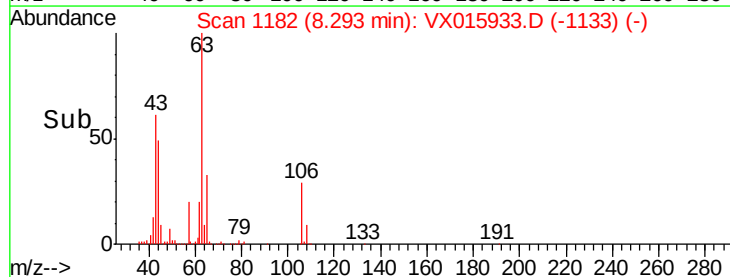
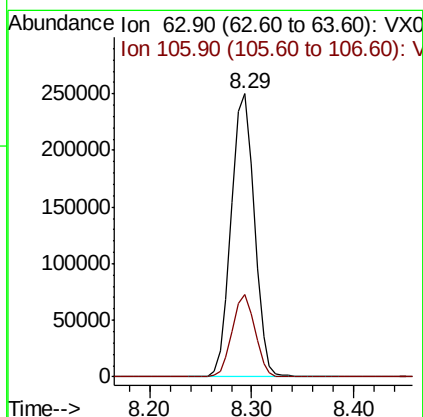
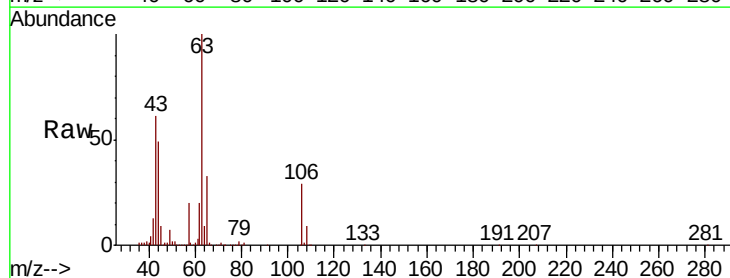
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

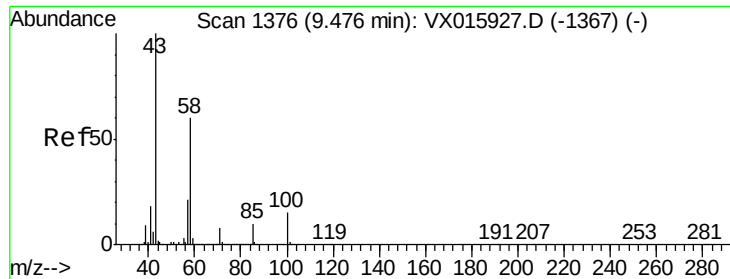
Tot Ion: 76 Resp: 161639
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 260.503 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX015933.D
 Acq: 24 Apr 2020 16:04

Tgt Ion: 63 Resp: 392393
 Ion Ratio Lower Upper
 63 100
 106 28.8 23.0 34.6

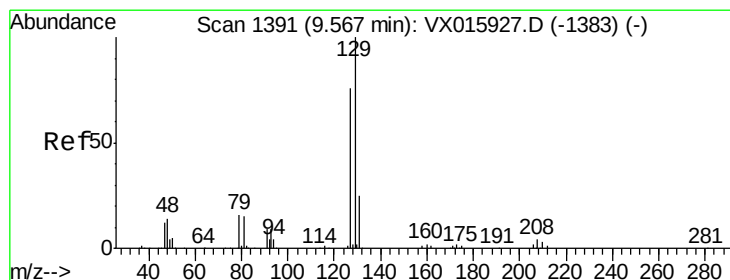
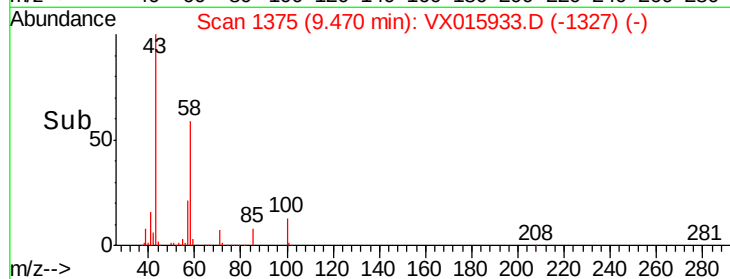
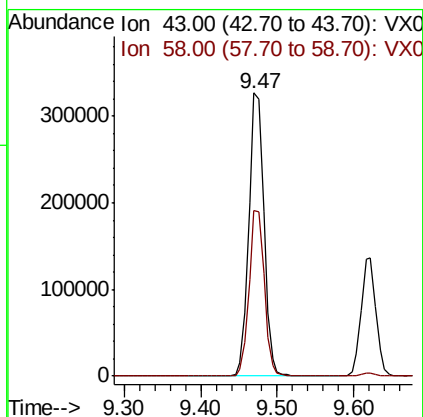
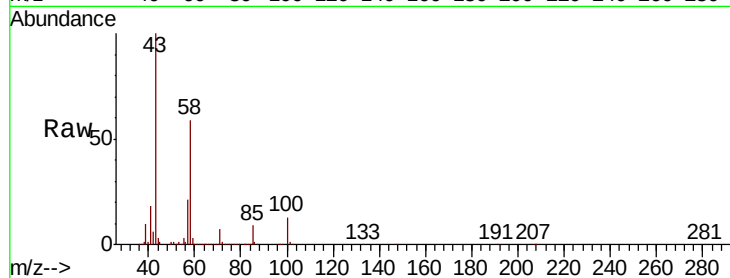




#59
2-Hexanone
Concen: 241.418 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX015933.D
Acq: 24 Apr 2020 16:04

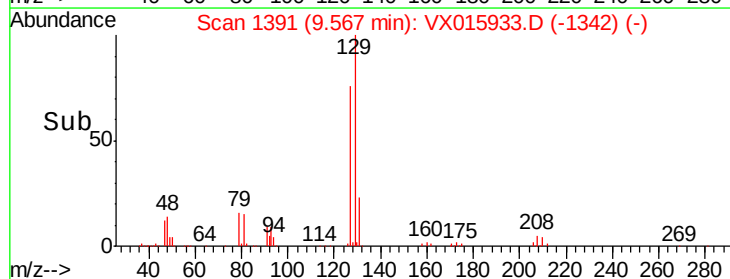
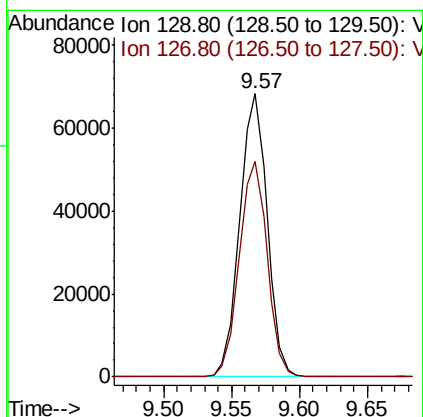
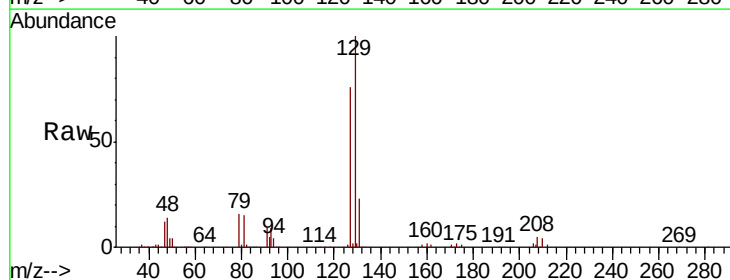
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

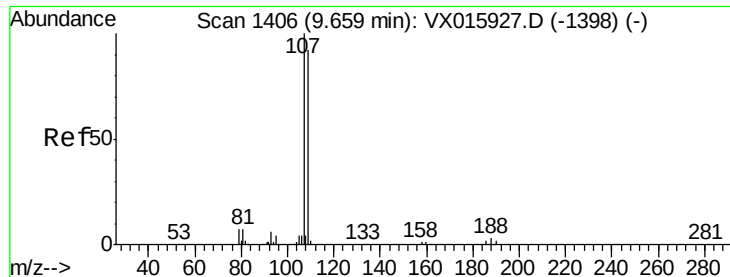
Tot Ion: 43 Resp: 451968
Ion Ratio Lower Upper
43 100
58 58.9 29.7 89.1



#60
Dibromochloromethane
Concen: 51.291 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX015933.D
Acq: 24 Apr 2020 16:04

Tgt Ion: 129 Resp: 96380
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.3





#61

1,2-Dibromoethane

Concen: 50.129 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.01 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

Instrument :

MSVOA_X

ClientSampleId :

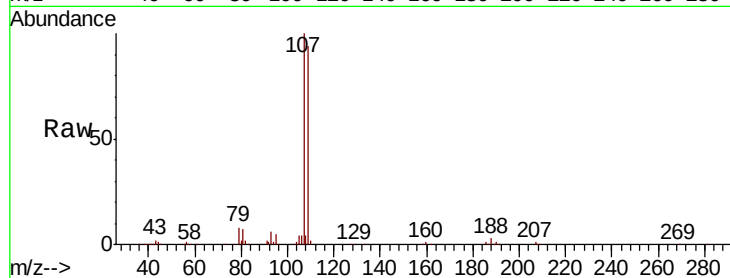
VSTDCCC050

Tot Ion:107 Resp: 98110

Ion Ratio Lower Upper

107 100

109 93.6 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

80000

60000

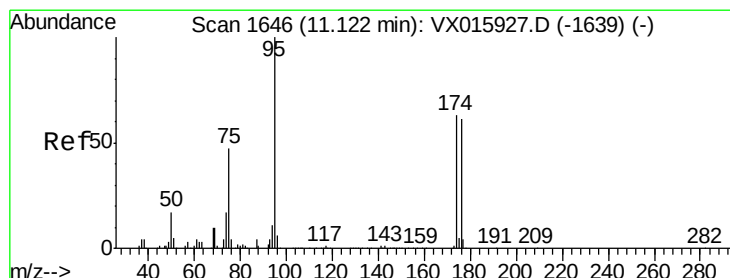
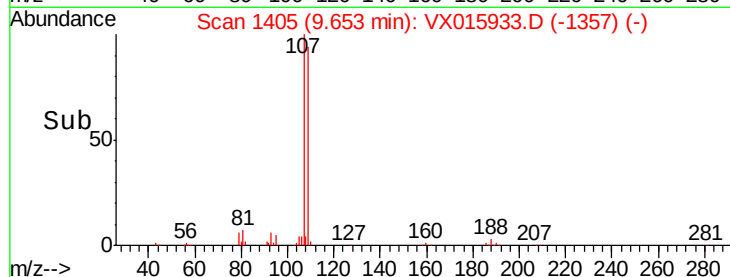
40000

20000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 48.035 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

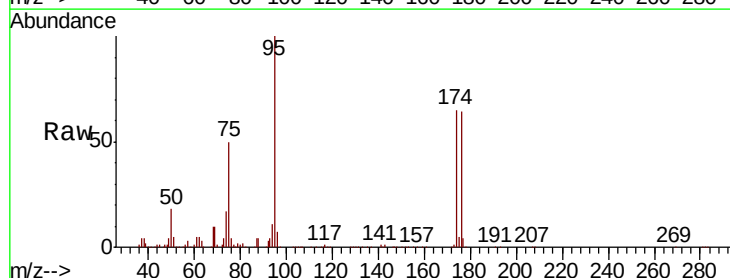
Tgt Ion: 95 Resp: 120296

Ion Ratio Lower Upper

95 100

174 64.6 0.0 133.6

176 62.3 0.0 126.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

60000

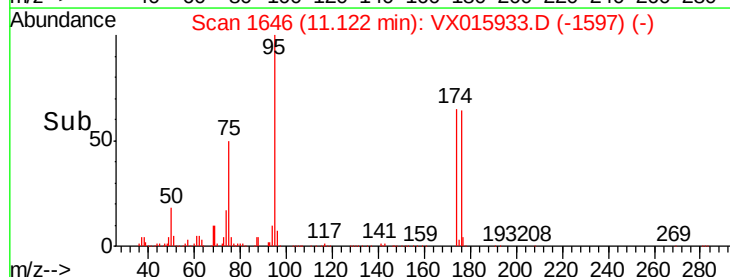
40000

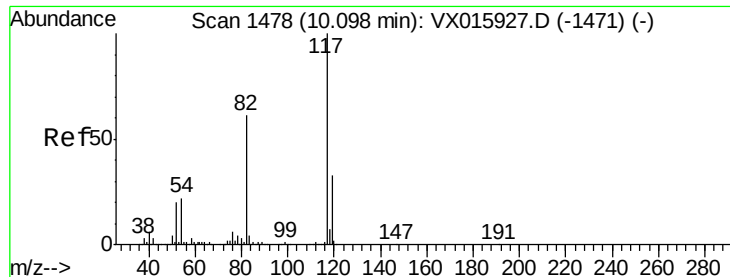
20000

0

Time-->

11.10 11.12 11.20

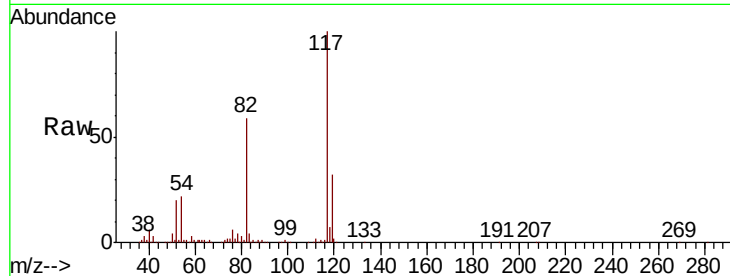




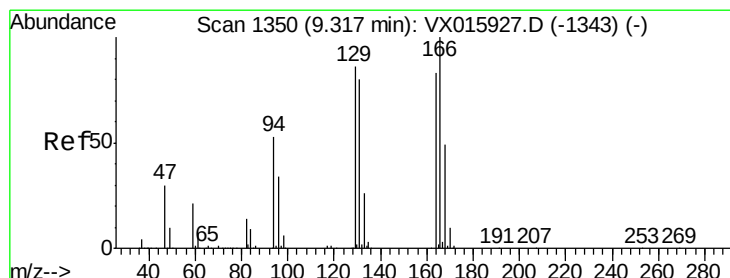
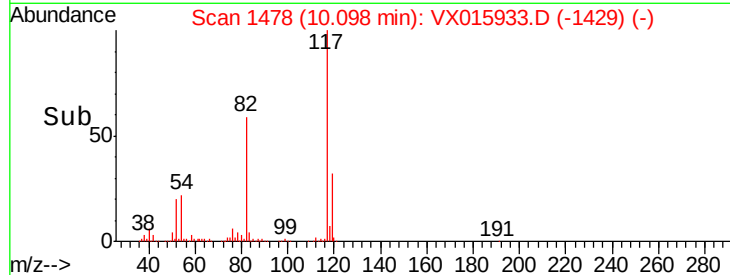
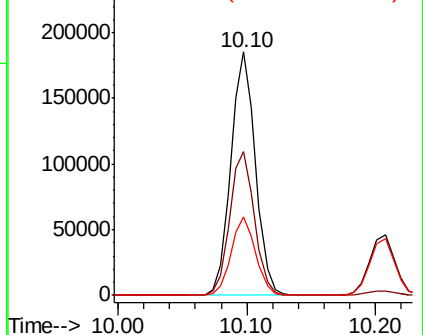
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015933.D
Acq: 24 Apr 2020 16:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 246932
Ion Ratio Lower Upper
117 100
82 59.3 48.5 72.7
119 32.4 26.2 39.4

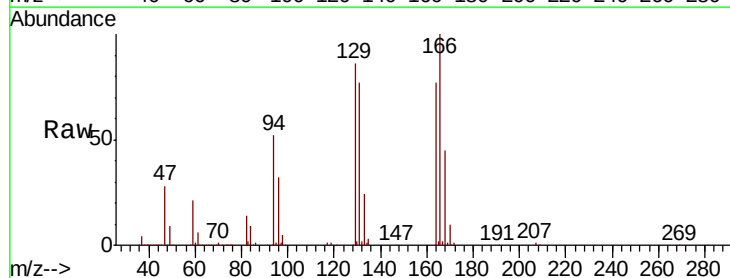


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

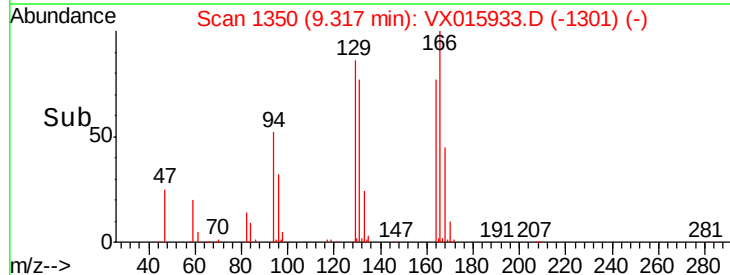
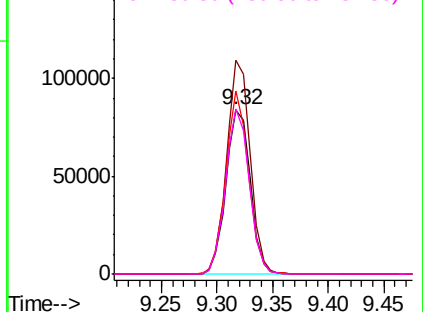


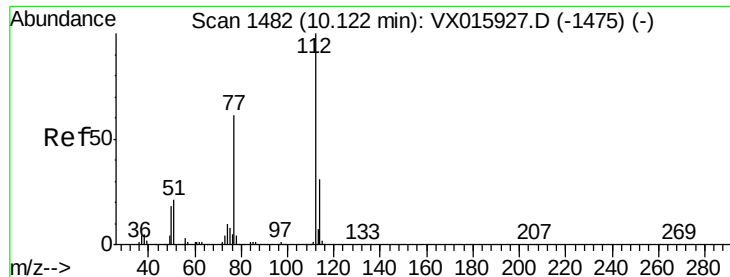
#64
Tetrachloroethene
Concen: 51.778 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX015933.D
Acq: 24 Apr 2020 16:04

Tgt Ion:164 Resp: 127227
Ion Ratio Lower Upper
164 100
166 130.1 96.7 145.1
129 111.4 82.8 124.2
131 100.4 77.0 115.4



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

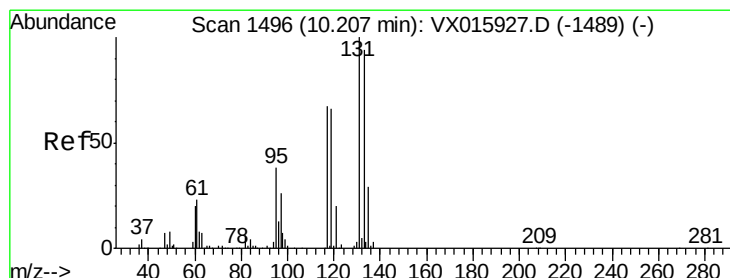
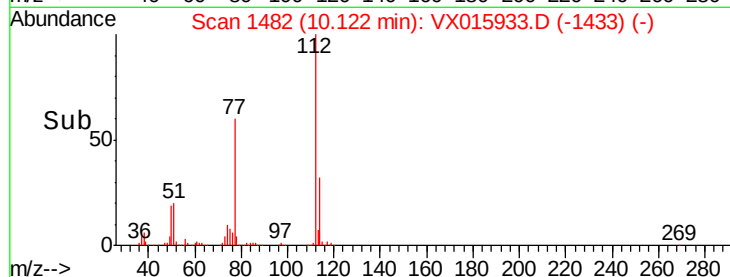
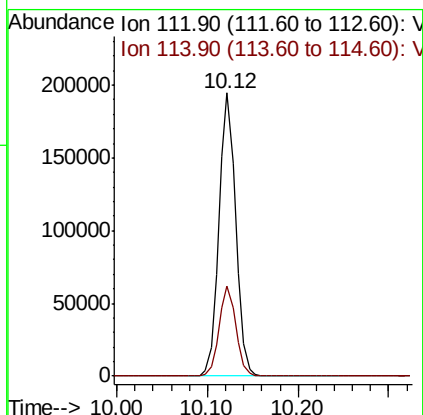
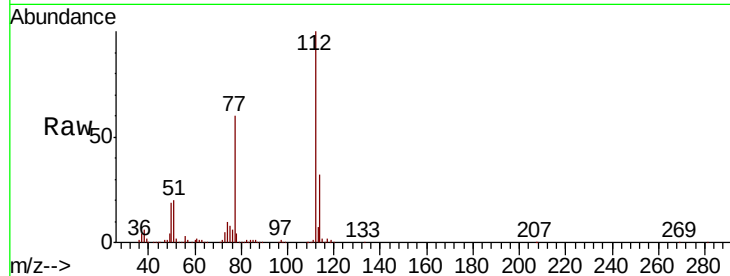




#65
Chlorobenzene
Concen: 51.280 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX015933.D
Acq: 24 Apr 2020 16:04

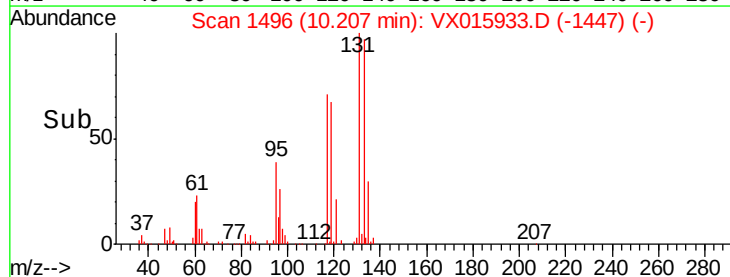
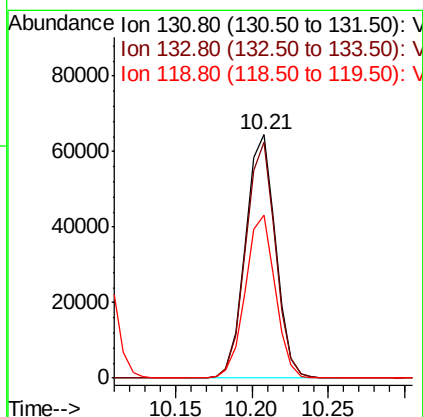
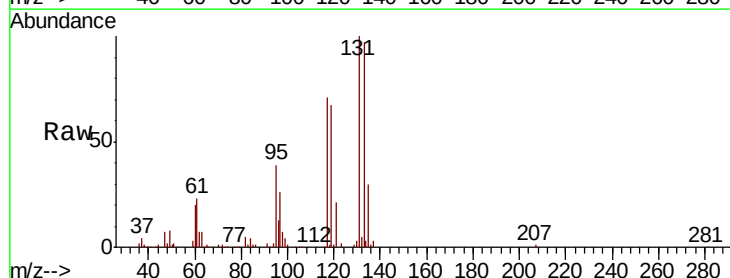
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

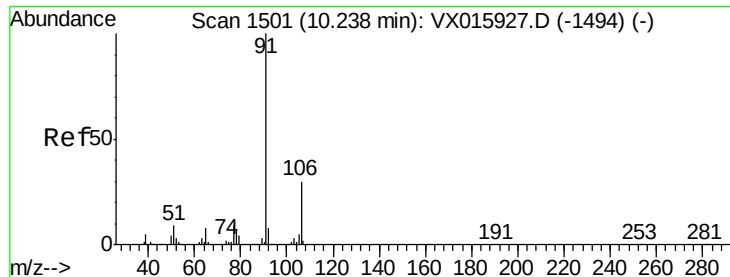
Tot Ion:112 Resp: 251400
Ion Ratio Lower Upper
112 100
114 31.7 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.912 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX015933.D
Acq: 24 Apr 2020 16:04

Tgt Ion:131 Resp: 88446
Ion Ratio Lower Upper
131 100
133 95.5 46.7 140.0
119 66.6 33.7 101.0

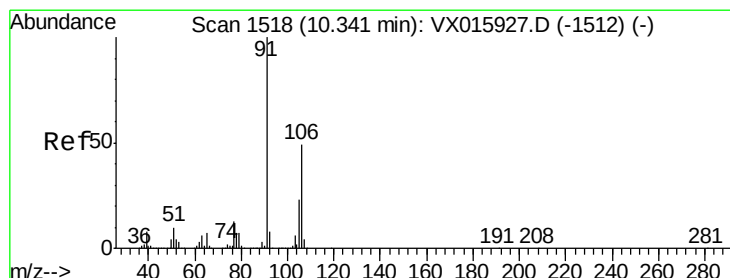
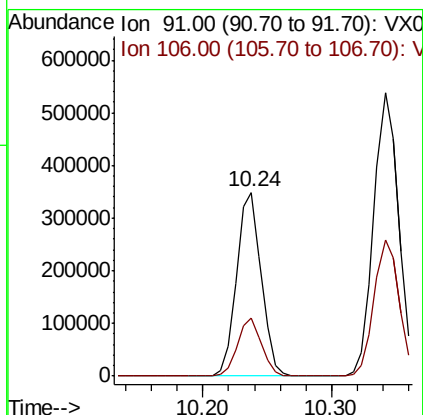
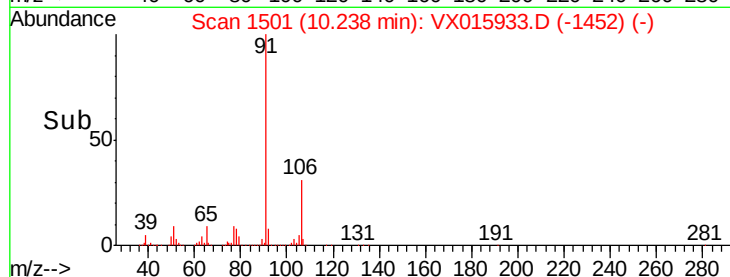
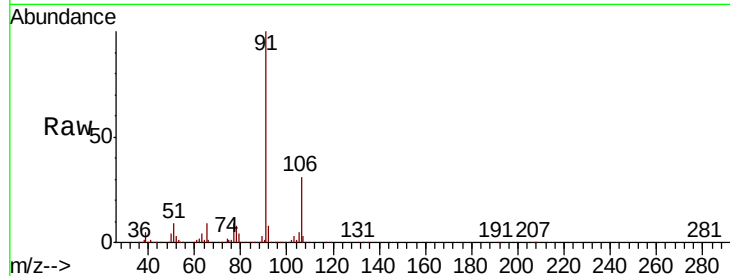




#67
Ethyl Benzene
Concen: 51.311 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX015933.D
Acq: 24 Apr 2020 16:04

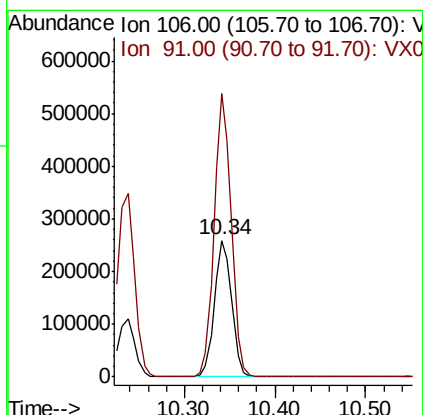
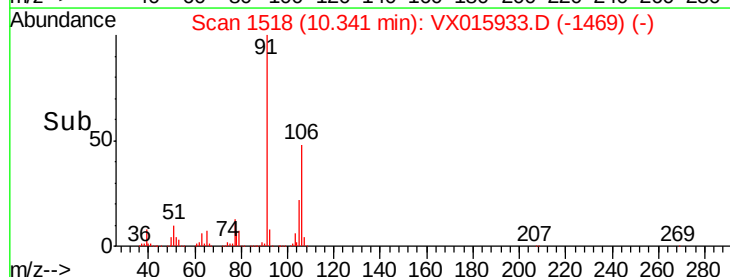
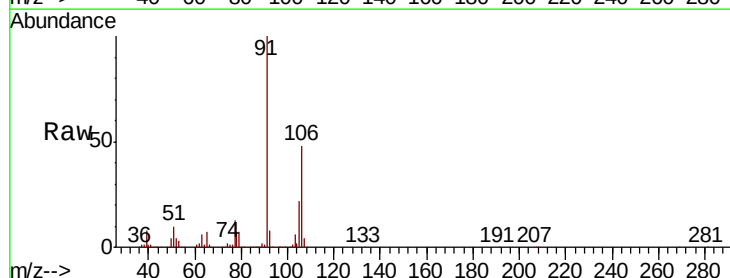
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

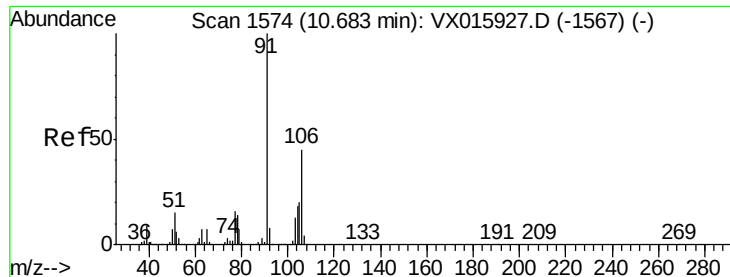
Tot Ion: 91 Resp: 463782
Ion Ratio Lower Upper
91 100
106 31.4 24.2 36.4



#68
m/p-Xylenes
Concen: 104.458 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX015933.D
Acq: 24 Apr 2020 16:04

Tgt Ion: 106 Resp: 345783
Ion Ratio Lower Upper
106 100
91 206.4 164.9 247.3

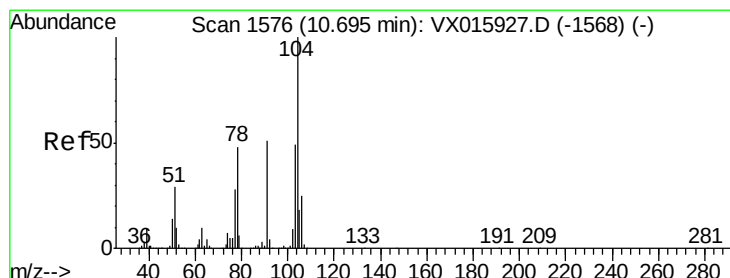
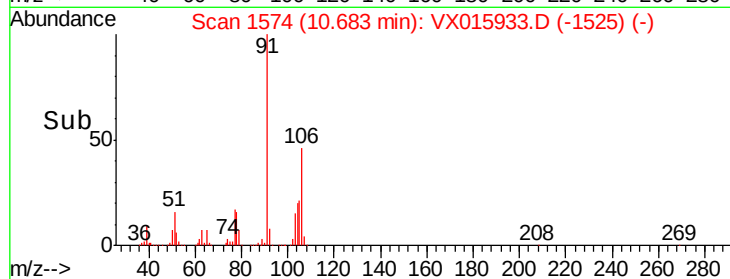
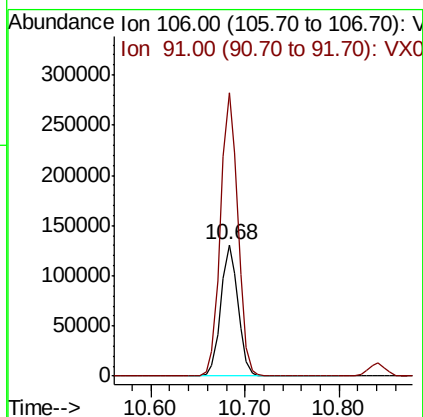
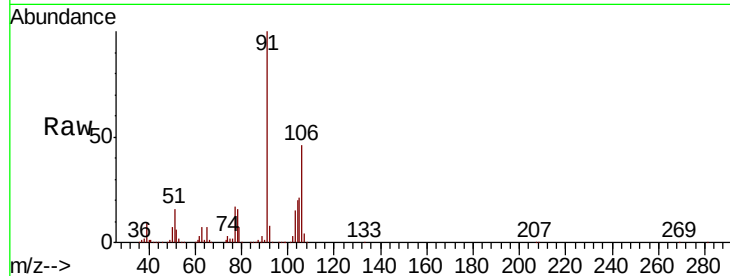




#69
o-Xylene
Concen: 51.201 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX015933.D
Acq: 24 Apr 2020 16:04

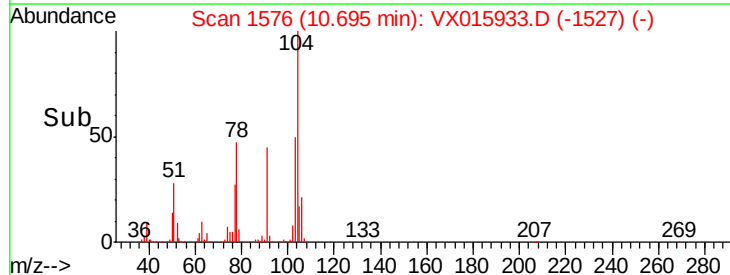
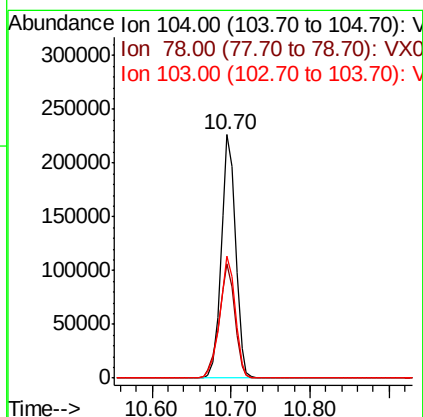
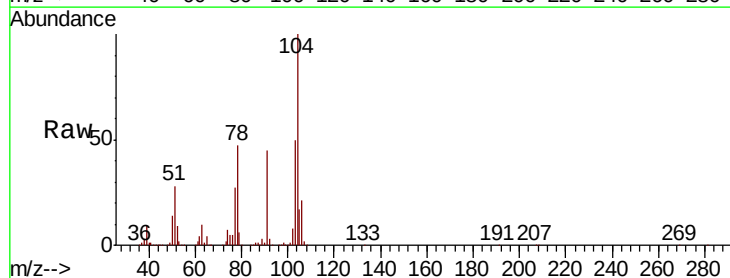
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

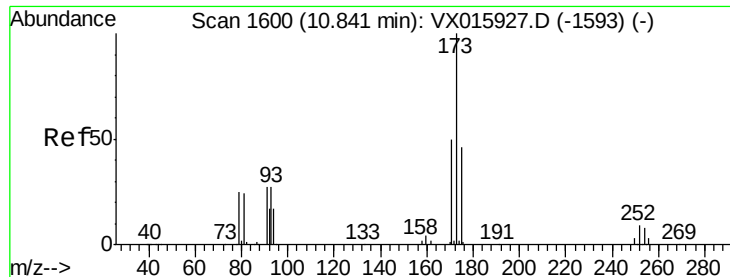
Tot Ion:106 Resp: 165391
Ion Ratio Lower Upper
106 100
91 218.4 108.6 325.8



#70
Styrene
Concen: 51.774 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX015933.D
Acq: 24 Apr 2020 16:04

Tgt Ion:104 Resp: 288446
Ion Ratio Lower Upper
104 100
78 51.1 40.5 60.7
103 54.1 42.7 64.1





#71

Bromoform

Concen: 45.196 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

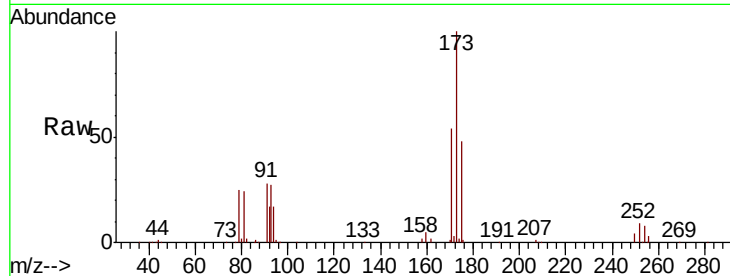
Tot Ion:173 Resp: 59484

Ion Ratio Lower Upper

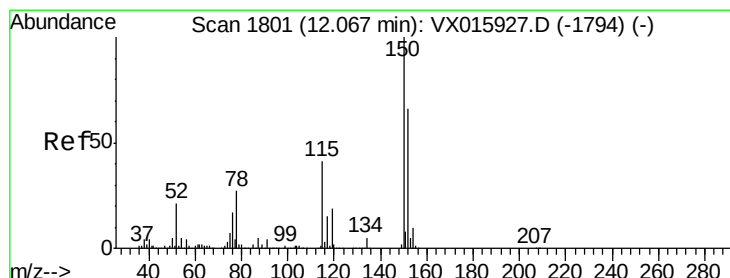
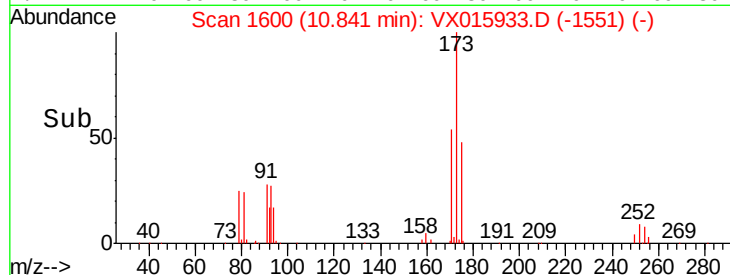
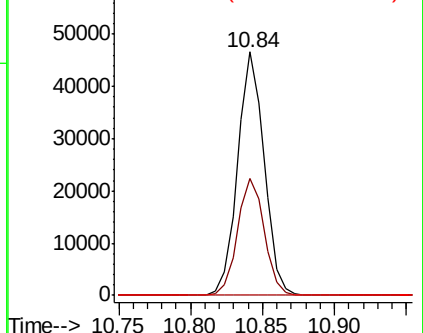
173 100

175 48.3 23.2 69.5

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. -0.01 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

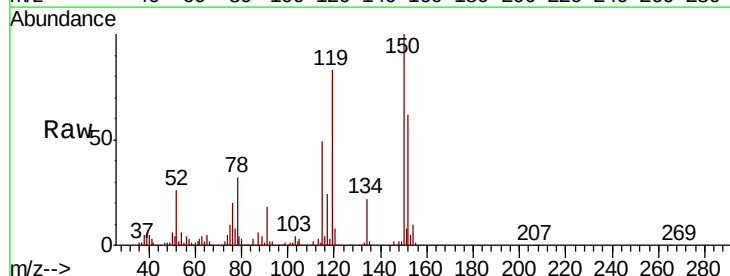
Tgt Ion:152 Resp: 116176

Ion Ratio Lower Upper

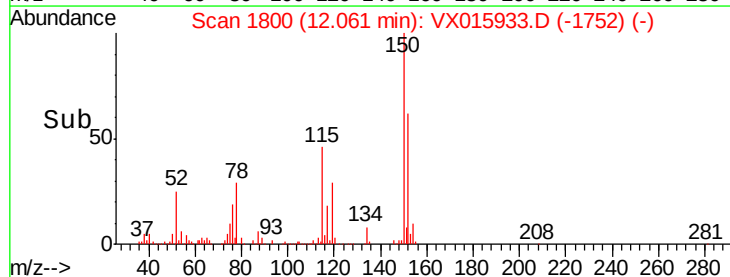
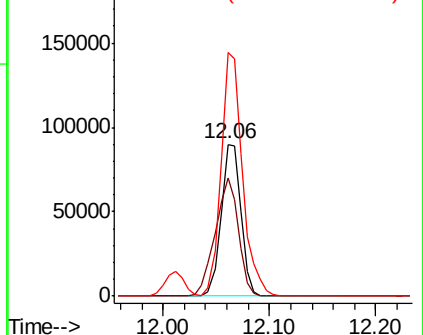
152 100

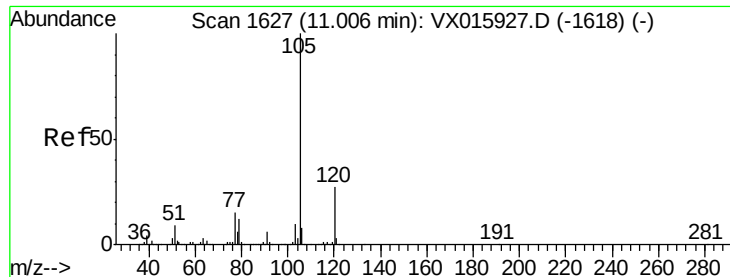
115 90.3 44.1 132.4

150 173.5 0.0 343.6



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: 51.463 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

Instrument :

MSVOA_X

ClientSampleId :

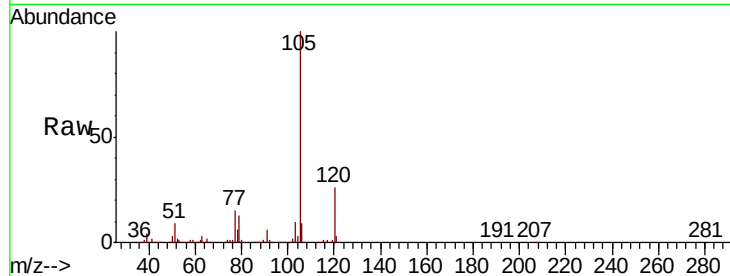
VSTDCCC050

Tot Ion:105 Resp: 444395

Ion Ratio Lower Upper

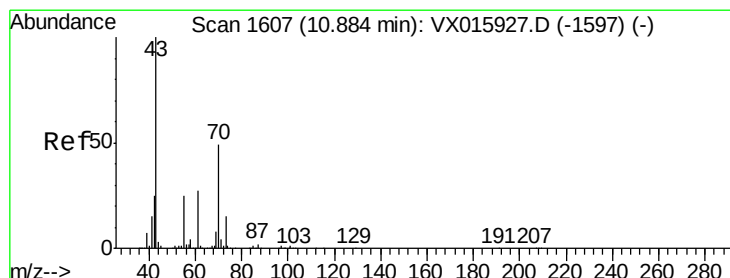
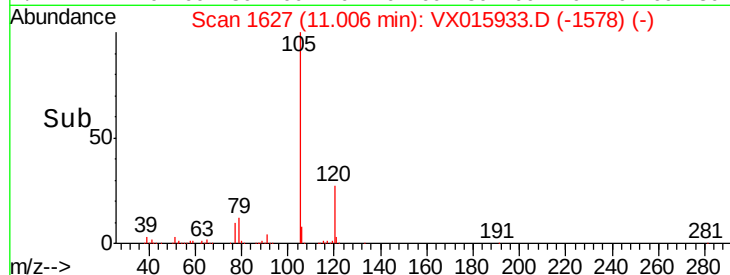
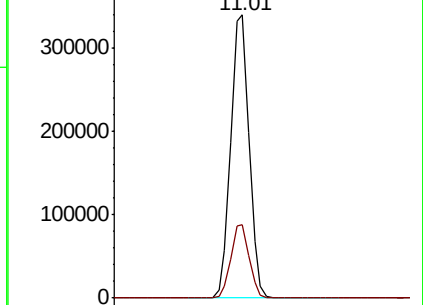
105 100

120 25.9 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.986 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

Tgt Ion: 43 Resp: 191219

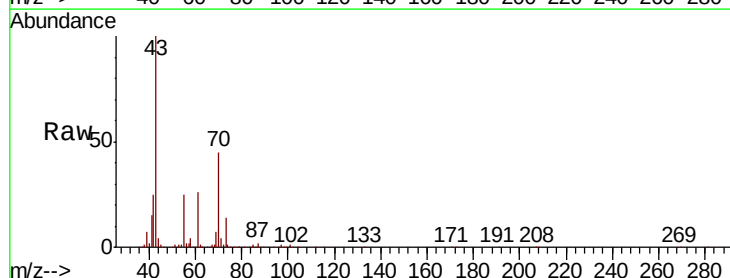
Ion Ratio Lower Upper

43 100

70 47.1 37.8 56.6

55 25.0 20.2 30.2

61 27.0 21.6 32.4

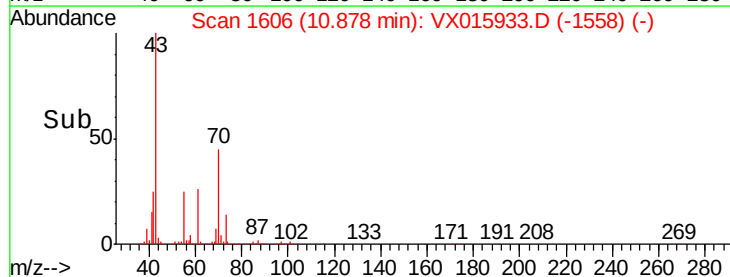
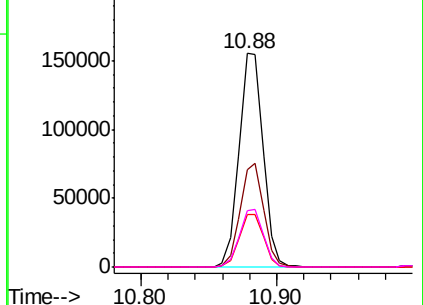


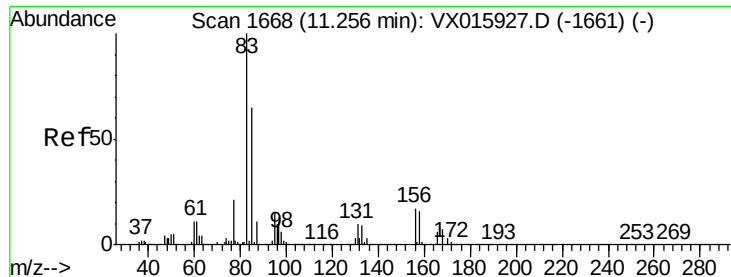
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.855 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

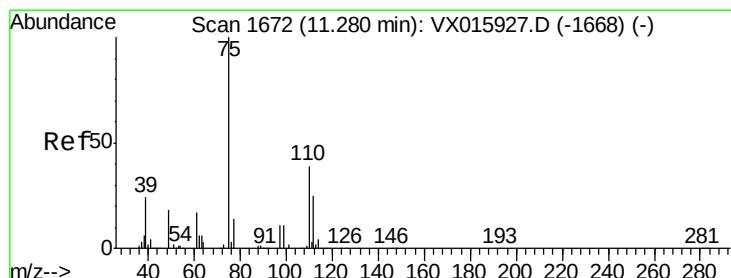
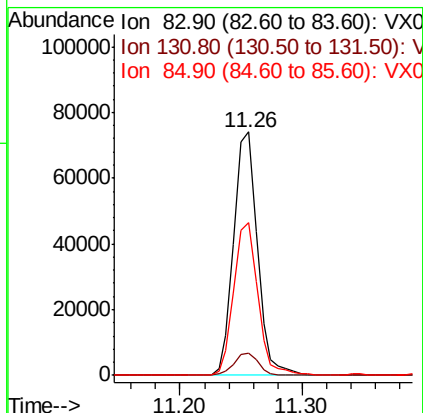
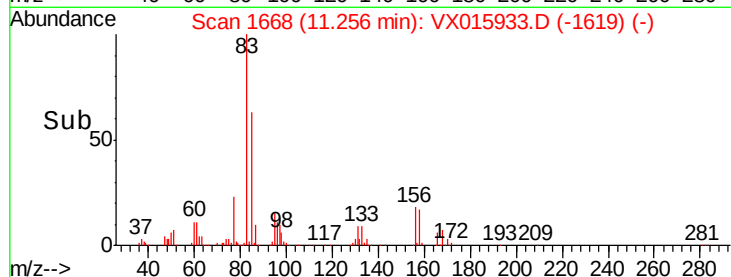
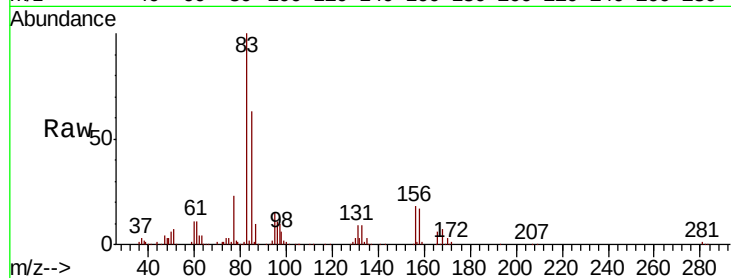
Tot Ion: 83 Resp: 99241

Ion Ratio Lower Upper

83 100

131 9.3 4.9 14.6

85 63.7 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 68.927 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX015933.D

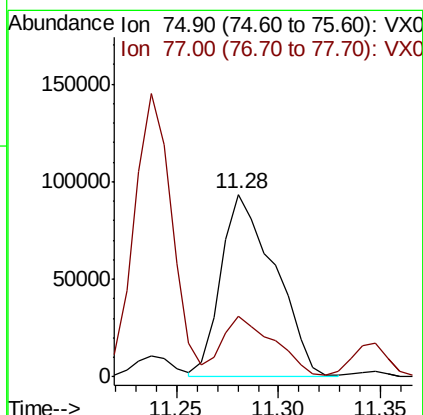
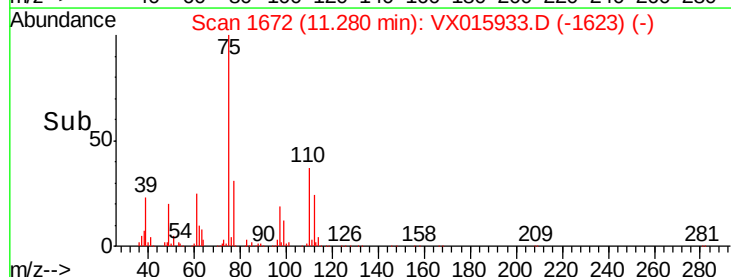
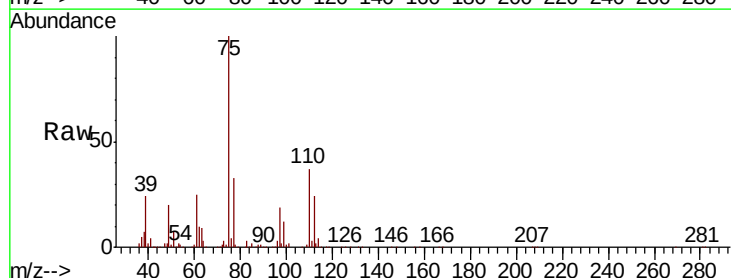
Acq: 24 Apr 2020 16:04

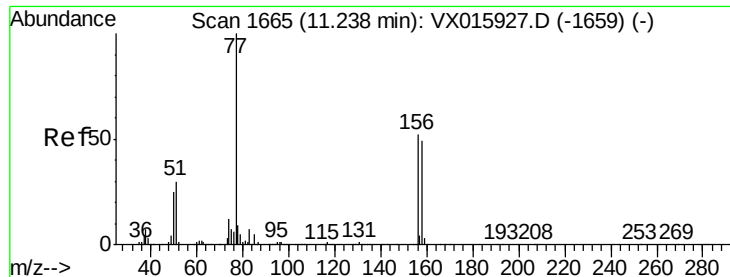
Tgt Ion: 75 Resp: 171769

Ion Ratio Lower Upper

75 100

77 32.1 22.1 66.5





#77

Bromobenzene

Concen: 50.054 ug/l

RT: 11.24 min Scan# 1666

Delta R.T. 0.01 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

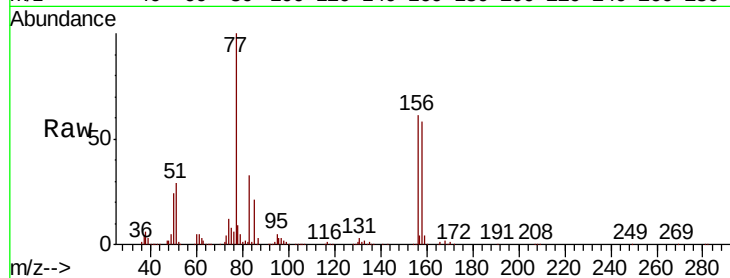
Tot Ion:156 Resp: 98175

Ion Ratio Lower Upper

156 100

77 189.3 94.0 281.9

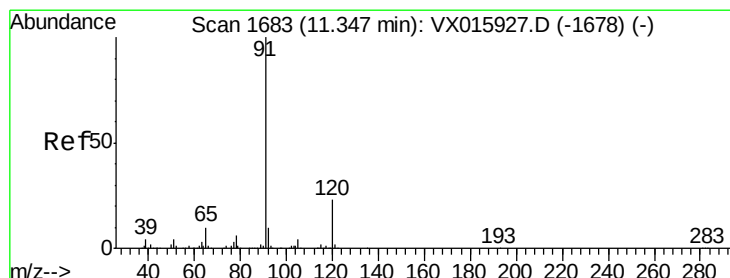
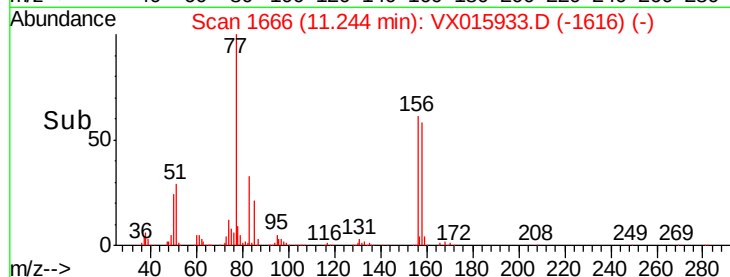
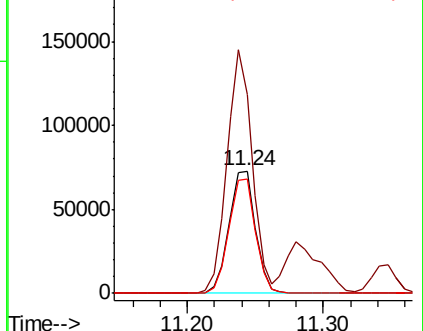
158 94.2 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.274 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VX015933.D

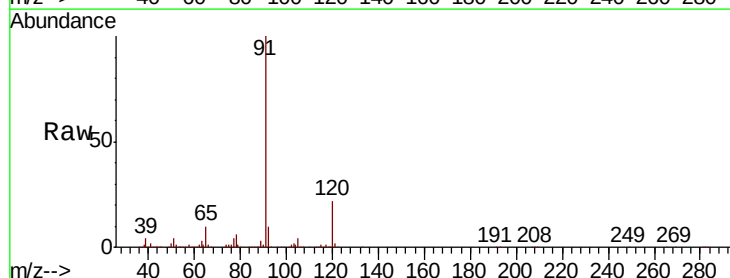
Acq: 24 Apr 2020 16:04

Tgt Ion: 91 Resp: 522751

Ion Ratio Lower Upper

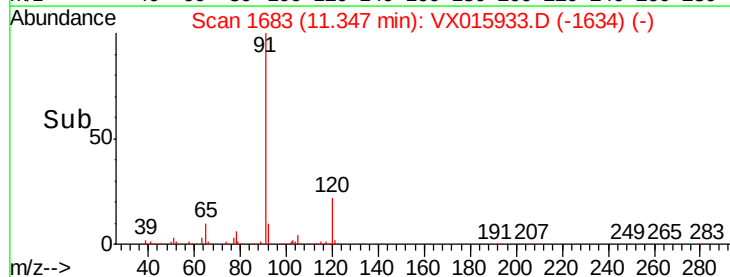
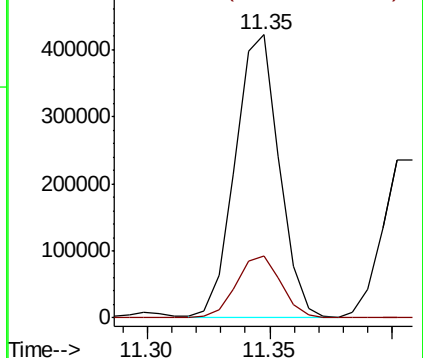
91 100

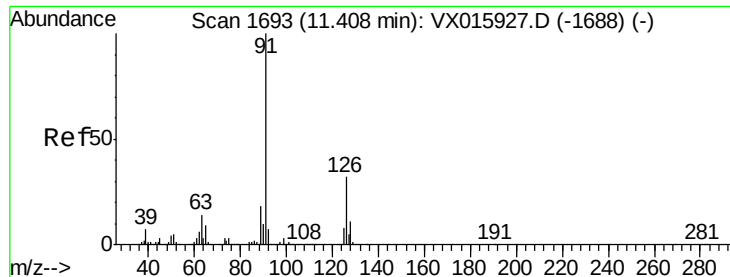
120 22.3 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.374 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

Instrument :

MSVOA_X

ClientSampleId :

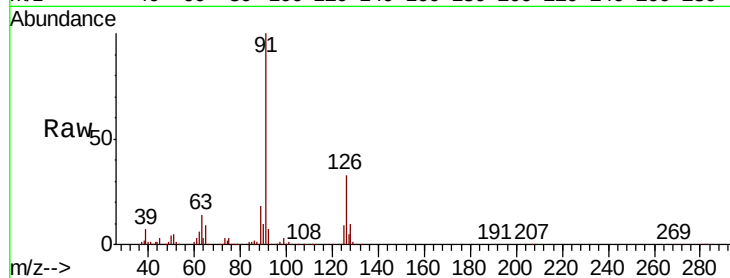
VSTDCCC050

Tot Ion: 91 Resp: 308742

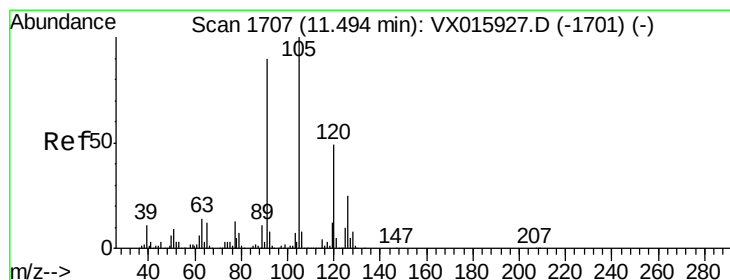
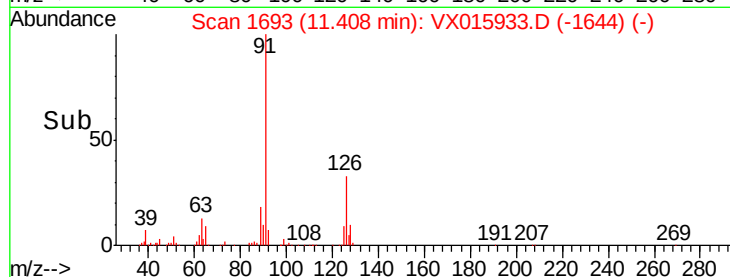
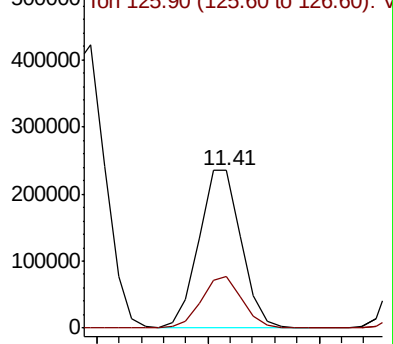
Ion Ratio Lower Upper

91 100

126 31.7 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VX015927.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.724 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015933.D

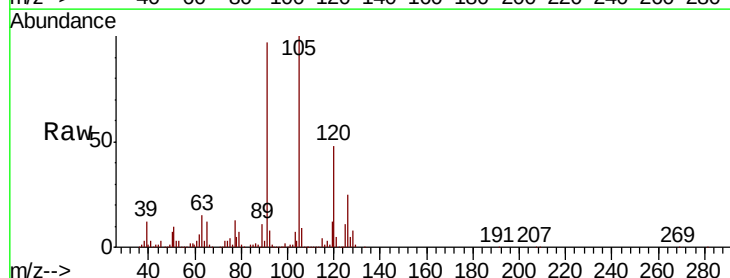
Acq: 24 Apr 2020 16:04

Tgt Ion: 105 Resp: 379686

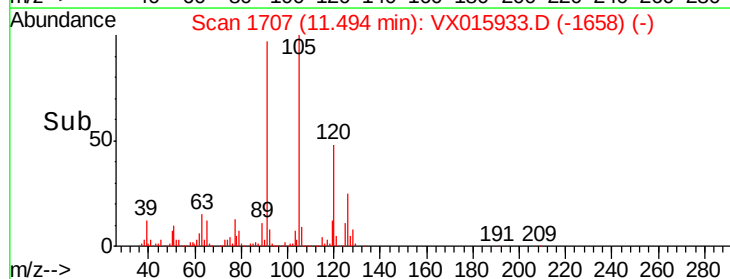
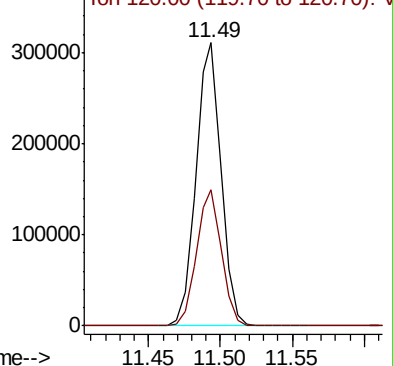
Ion Ratio Lower Upper

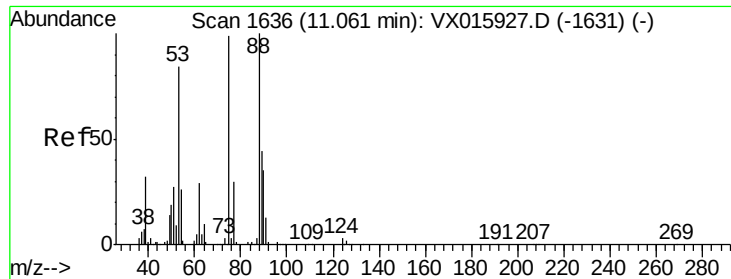
105 100

120 48.1 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX015927.D (-1701) (-)

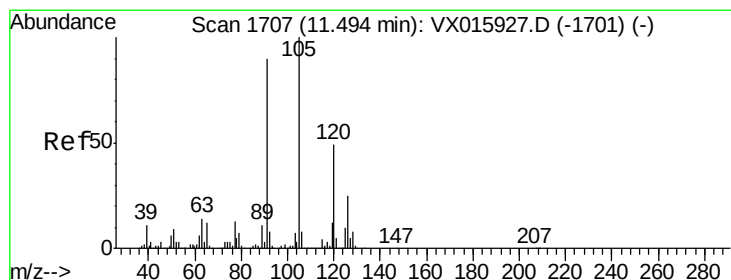
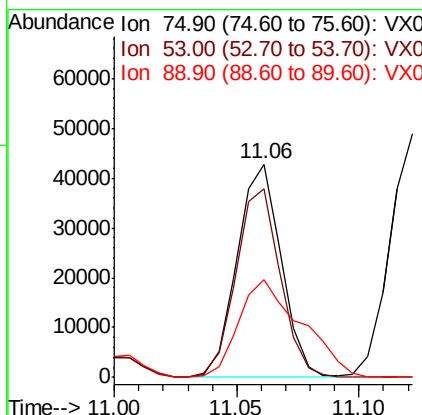
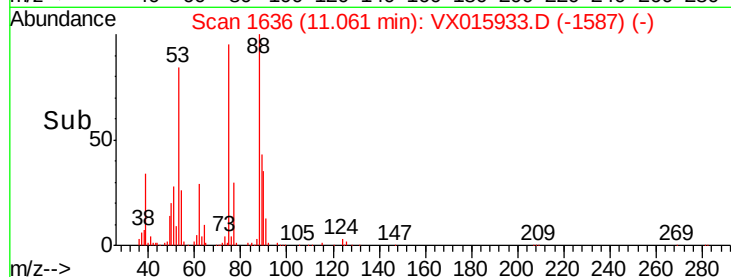
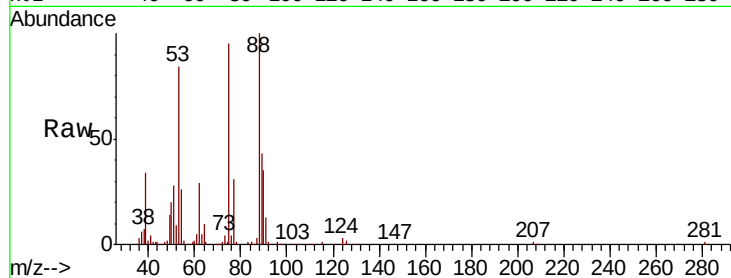




#81
trans-1,4-Dichloro-2-butene
Concen: 48.057 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX015933.D
Acq: 24 Apr 2020 16:04

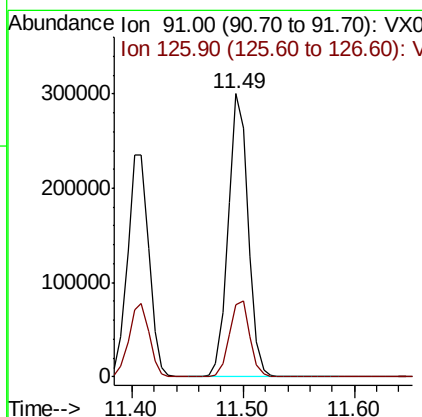
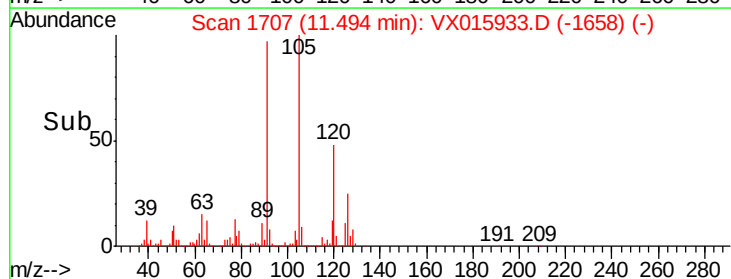
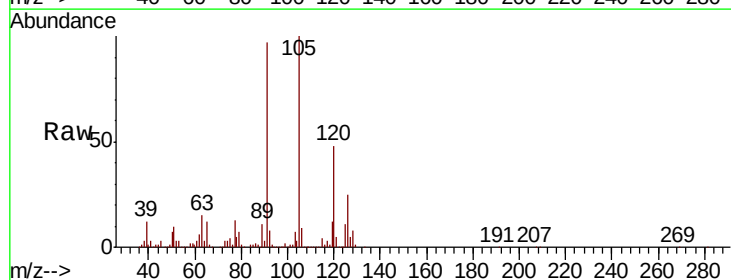
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

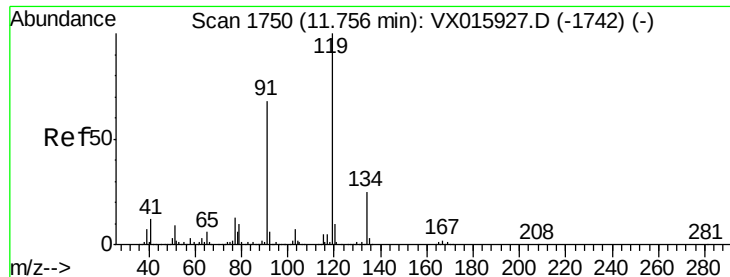
Tot Ion: 75 Resp: 53166
Ion Ratio Lower Upper
75 100
53 90.0 69.7 104.5
89 65.6 36.3 54.5#



#82
4-Chlorotoluene
Concen: 51.442 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX015933.D
Acq: 24 Apr 2020 16:04

Tgt Ion: 91 Resp: 369000
Ion Ratio Lower Upper
91 100
126 27.7 14.2 42.8

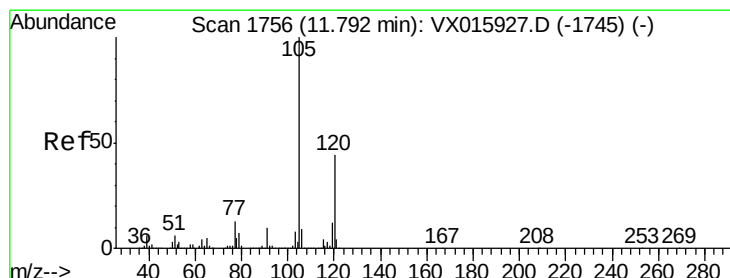
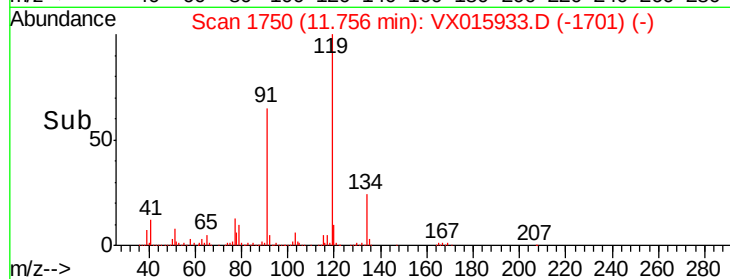
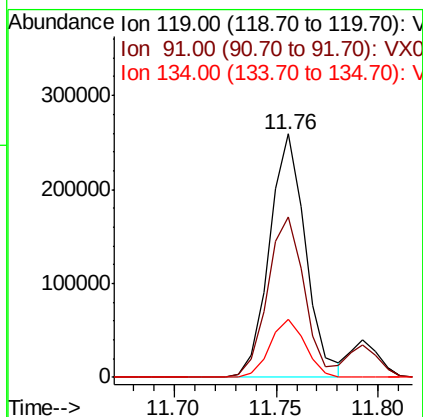
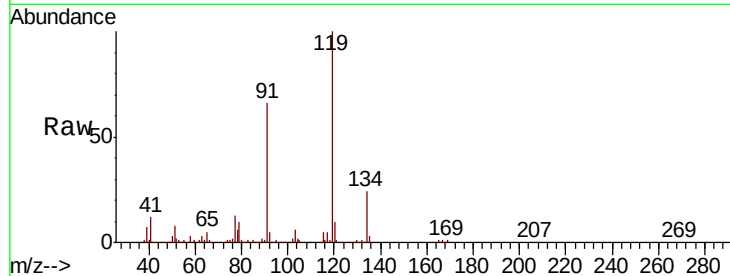




#83
 tert-Butylbenzene
 Concen: 51.665 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX015933.D
 Acq: 24 Apr 2020 16:04

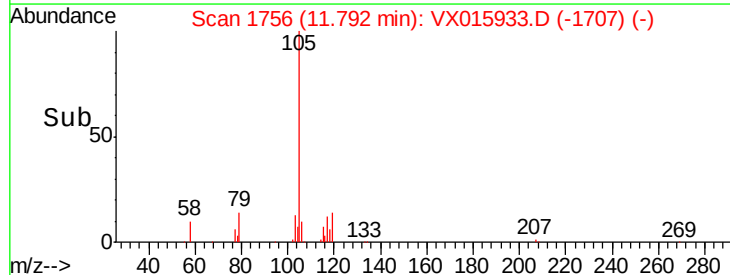
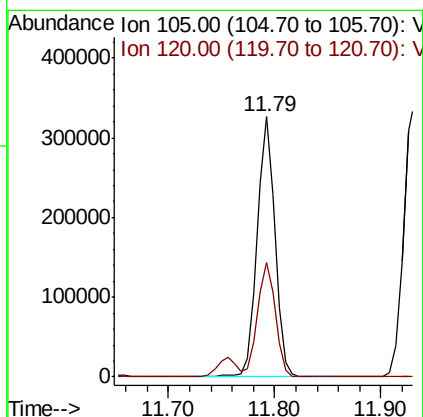
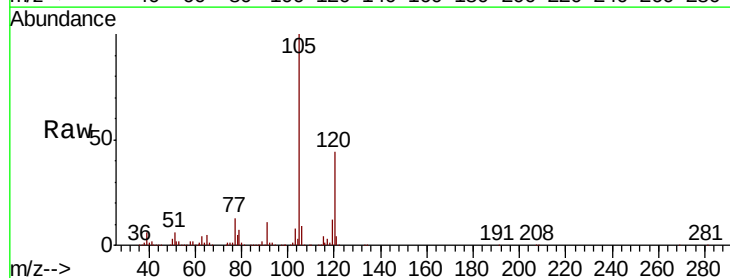
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

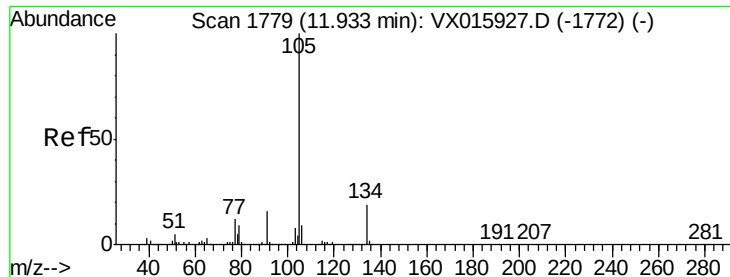
Tot Ion	Ratio	Lower	Upper
119	100		
91	67.8	34.3	102.8
134	23.5	12.1	36.3



#84
 1,2,4-Trimethylbenzene
 Concen: 50.910 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX015933.D
 Acq: 24 Apr 2020 16:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.3	66.8





#85

sec-Butylbenzene

Concen: 51.650 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

Instrument :

MSVOA_X

ClientSampleId :

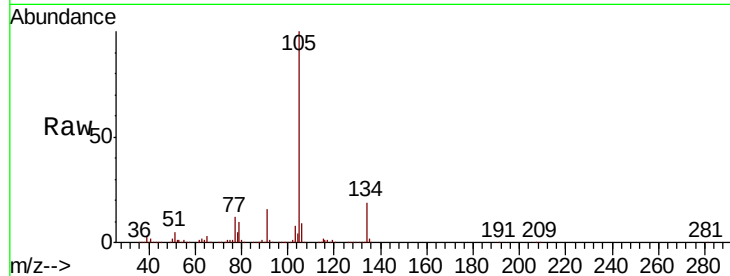
VSTDCCC050

Tot Ion:105 Resp: 436493

Ion Ratio Lower Upper

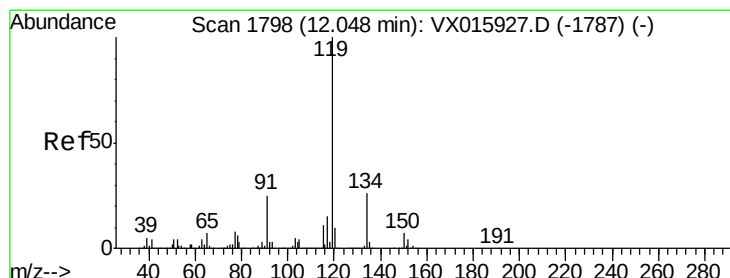
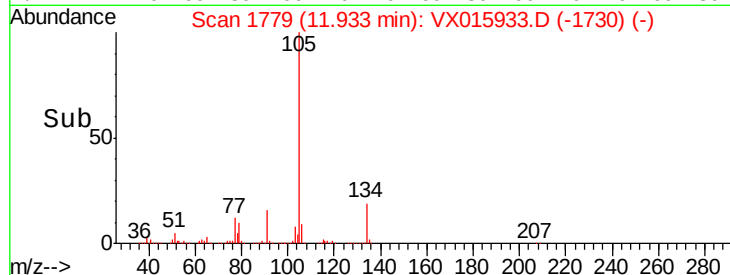
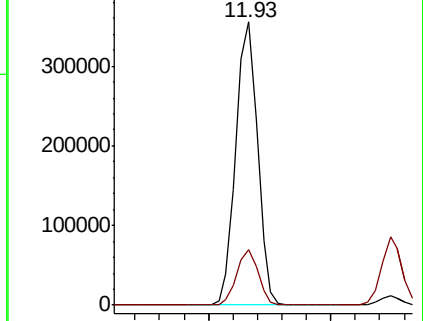
105 100

134 19.3 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.679 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

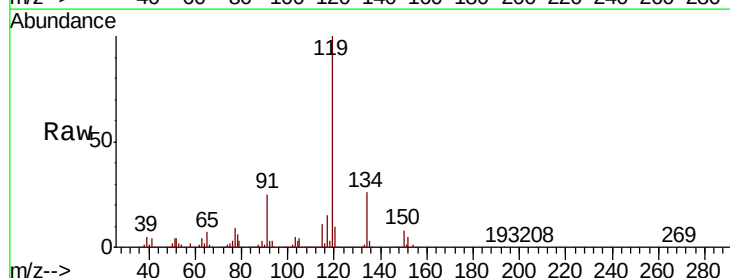
Tgt Ion:119 Resp: 398257

Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

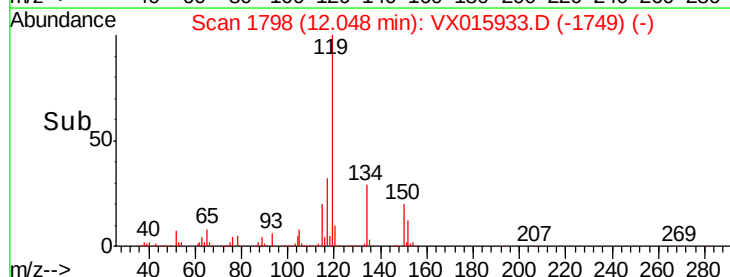
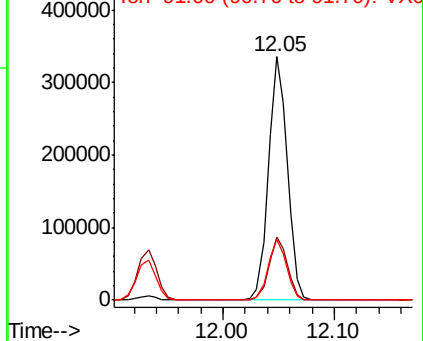
91 24.5 12.2 36.6

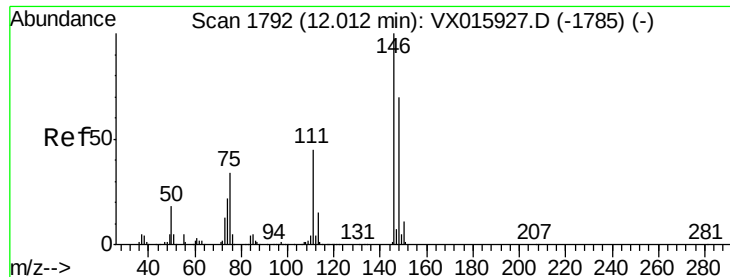


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

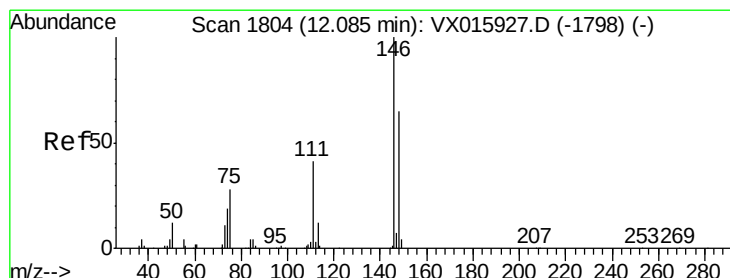
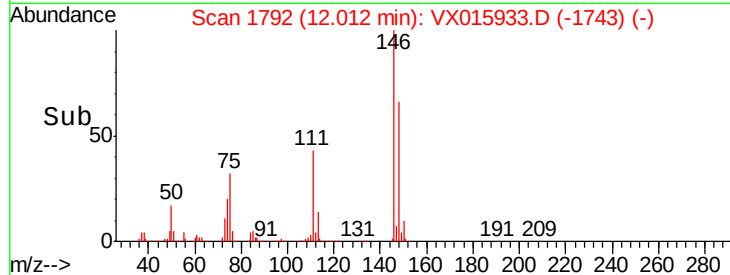
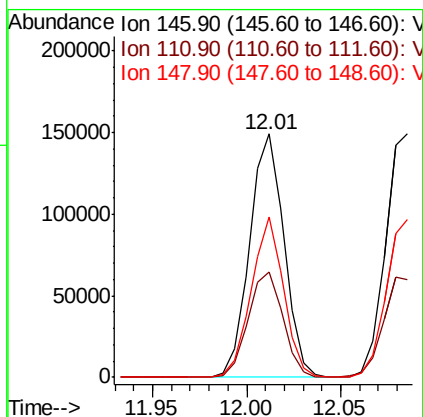
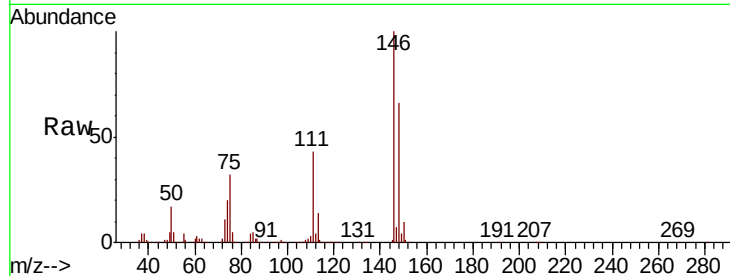




#87
 1,3-Dichlorobenzene
 Concen: 52.236 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX015933.D
 Acq: 24 Apr 2020 16:04

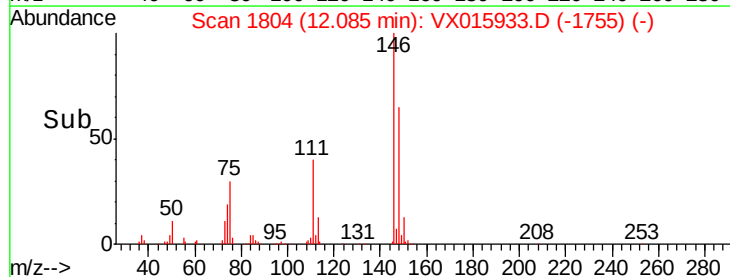
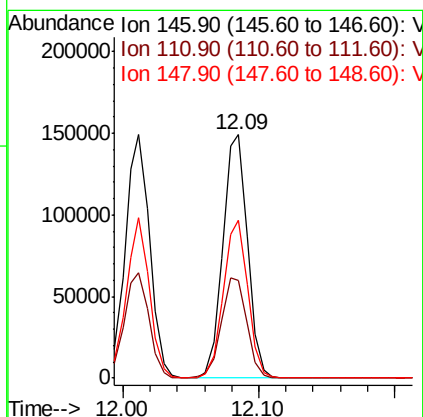
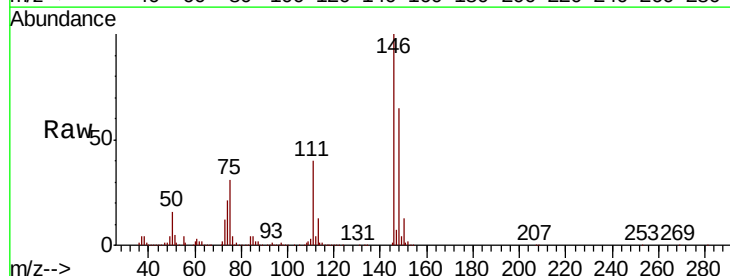
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

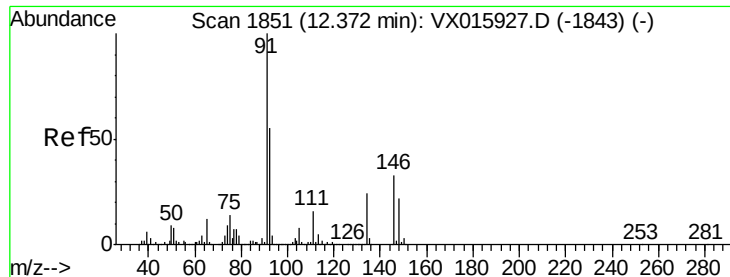
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	22.2	66.6
148	61.7	32.8	98.4



#88
 1,4-Dichlorobenzene
 Concen: 50.222 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VX015933.D
 Acq: 24 Apr 2020 16:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.6	64.6
148	64.3	32.3	96.8





#89

n-Butylbenzene

Concen: 52.255 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

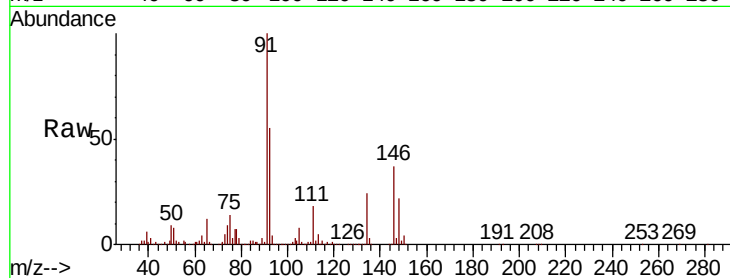
Tot Ion: 91 Resp: 379509

Ion Ratio Lower Upper

91 100

92 54.6 27.3 81.9

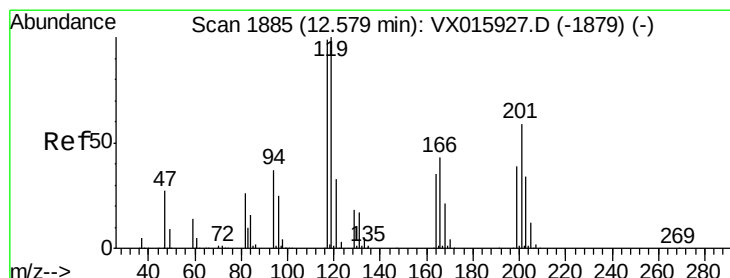
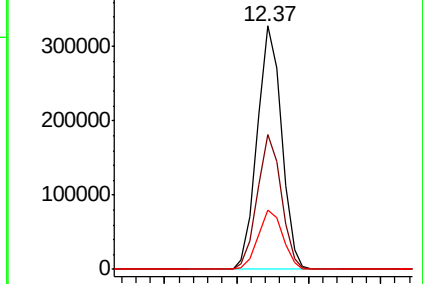
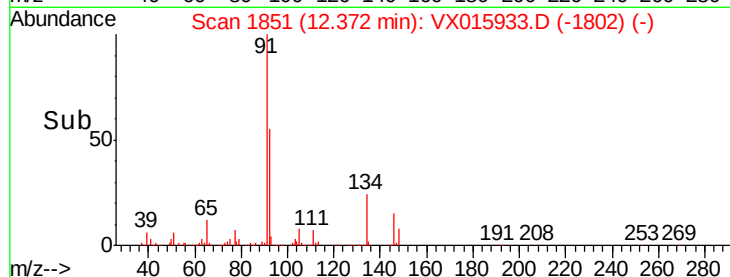
134 24.5 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX015927.D (-1843) (-)

Ion 92.00 (91.70 to 92.70): VX015927.D (-1843) (-)

Ion 134.00 (133.70 to 134.70): VX015927.D (-1843) (-)



#90

Hexachloroethane

Concen: 49.929 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015933.D

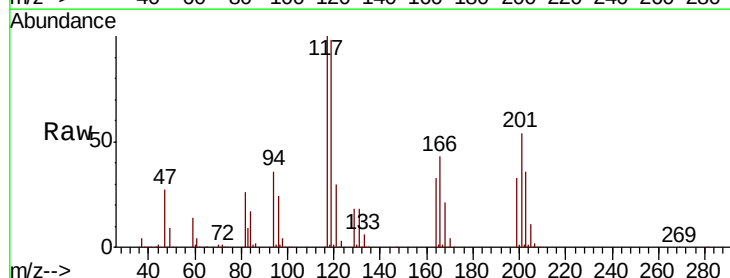
Acq: 24 Apr 2020 16:04

Tgt Ion: 117 Resp: 60038

Ion Ratio Lower Upper

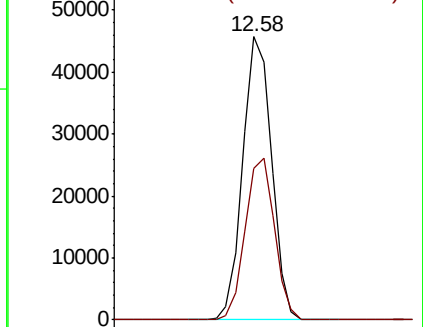
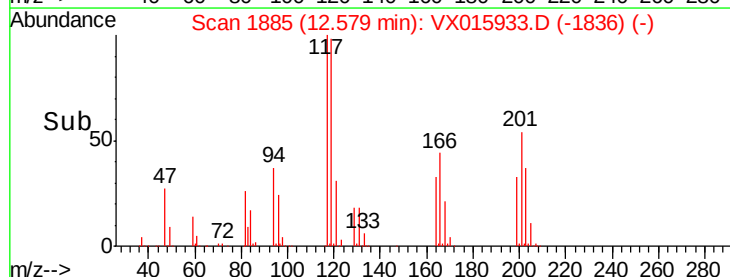
117 100

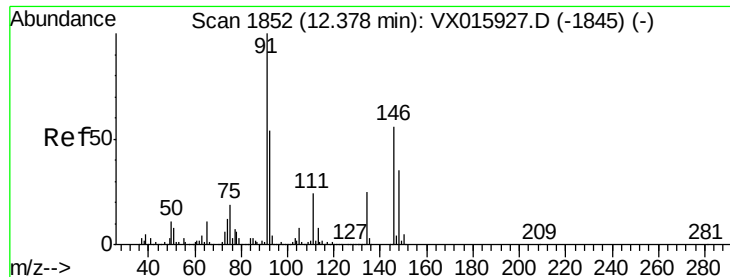
201 58.0 32.1 96.3



Abundance Ion 116.80 (116.50 to 117.50): VX015927.D (-1879) (-)

Ion 200.70 (200.40 to 201.40): VX015927.D (-1879) (-)

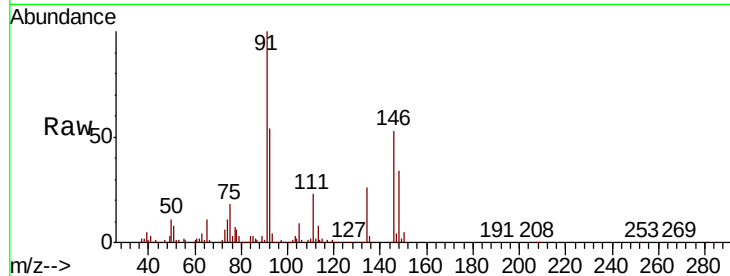




#91
 1,2-Dichlorobenzene
 Concen: 50.237 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX015933.D
 Acq: 24 Apr 2020 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.3	22.3	66.8
148	63.3	31.4	94.2

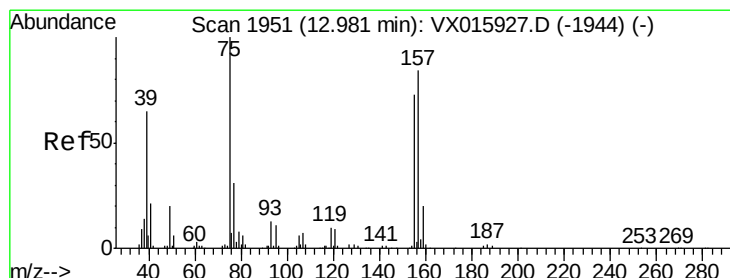
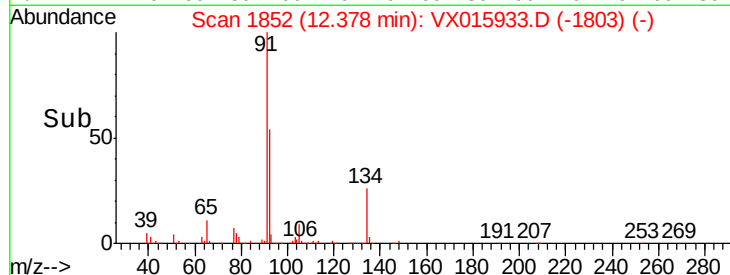
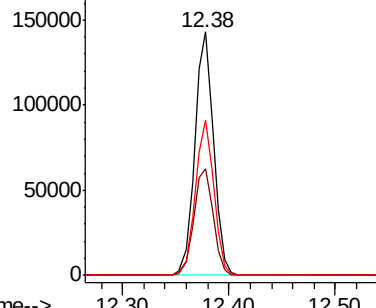


Abundance

Ion 145.90 (145.60 to 146.60): V

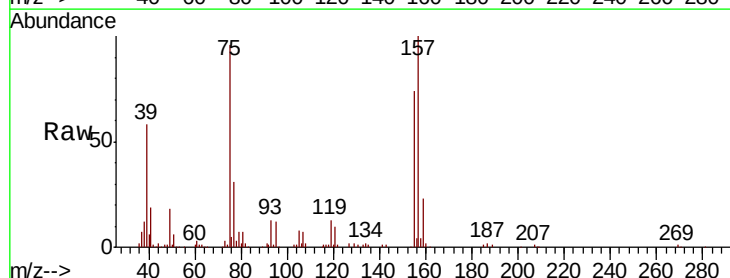
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.241 ug/l
 RT: 12.99 min Scan# 1952
 Delta R.T. 0.01 min
 Lab File: VX015933.D
 Acq: 24 Apr 2020 16:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.6	37.9	113.6
157	95.8	47.9	143.8

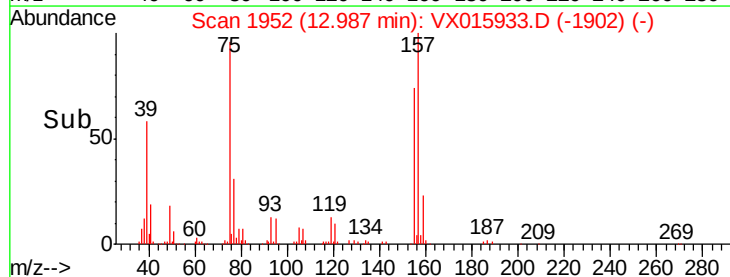
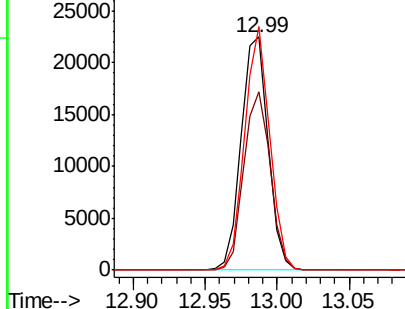


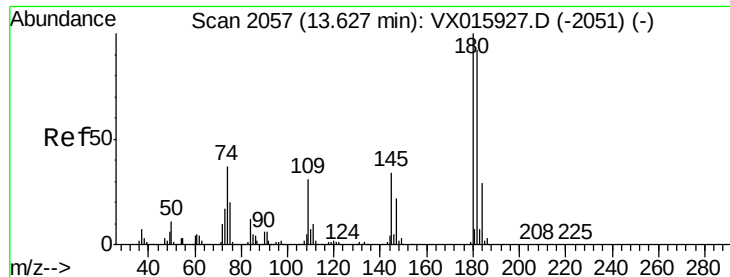
Abundance

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: 50.420 ug/l

RT: 13.63 min Scan# 2058

Delta R.T. 0.01 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

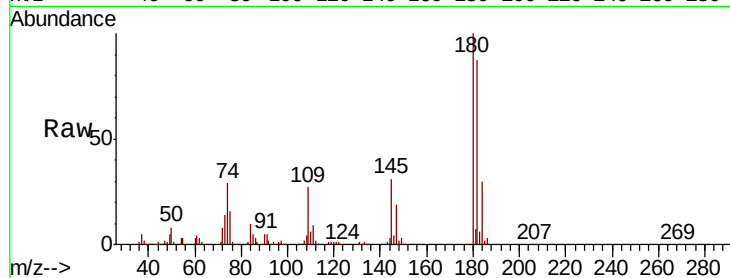
Tot Ion:180 Resp: 113749

Ion Ratio Lower Upper

180 100

182 94.9 47.6 142.9

145 34.9 17.3 52.0

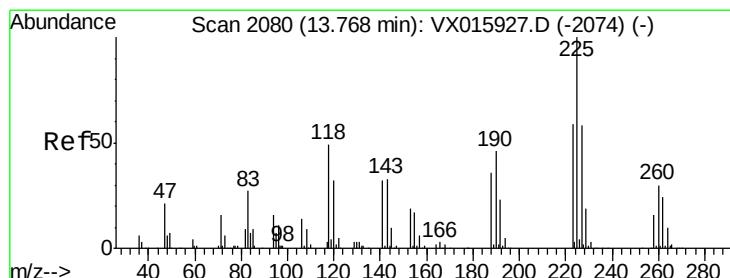
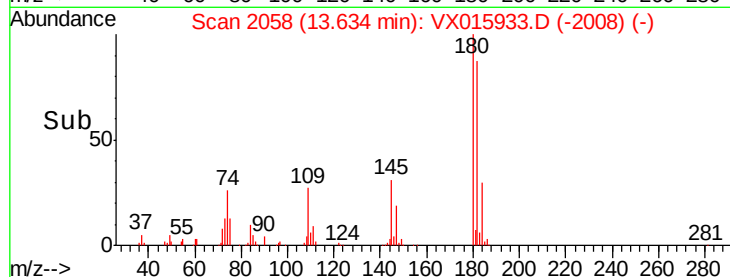
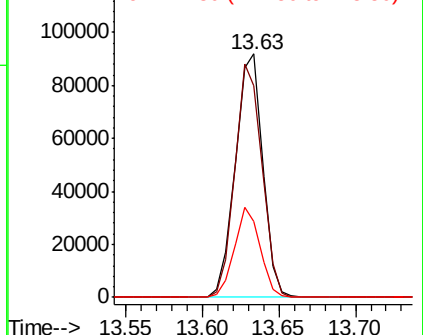


Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 48.993 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

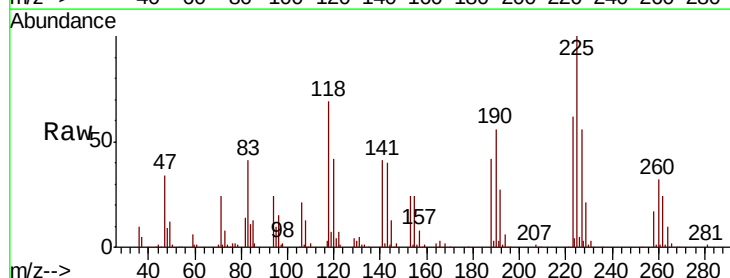
Tgt Ion:225 Resp: 39180

Ion Ratio Lower Upper

225 100

223 65.8 30.6 91.6

227 64.1 32.0 96.2

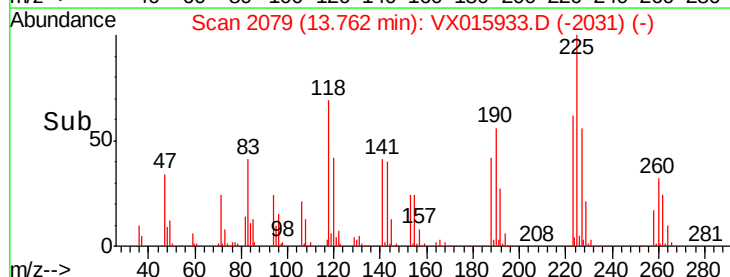
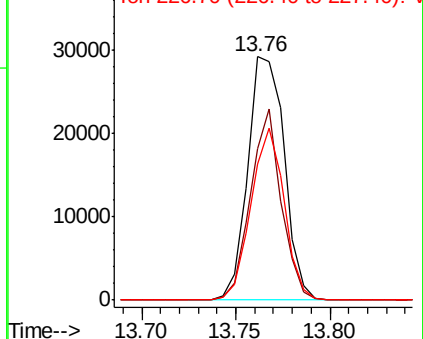


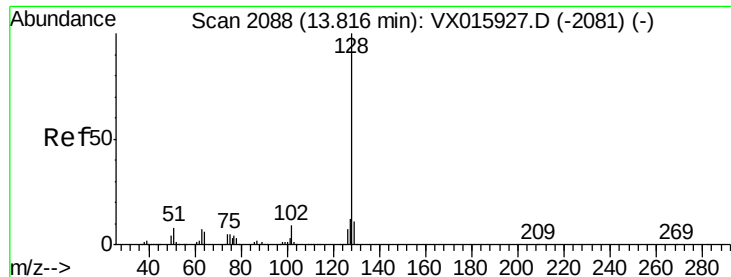
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 50.528 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

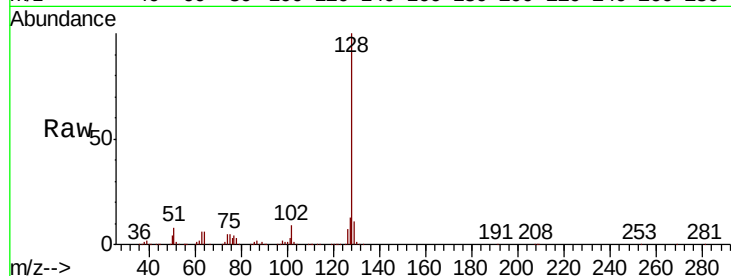
Tot Ion:128 Resp: 414567

Ion Ratio Lower Upper

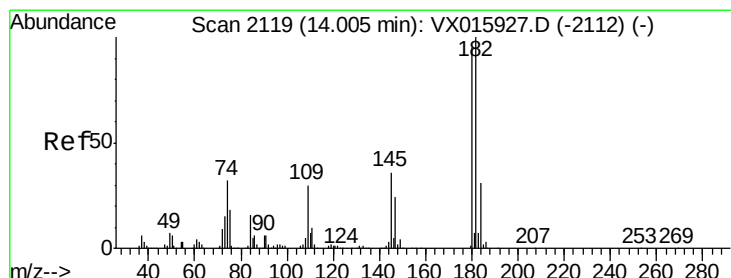
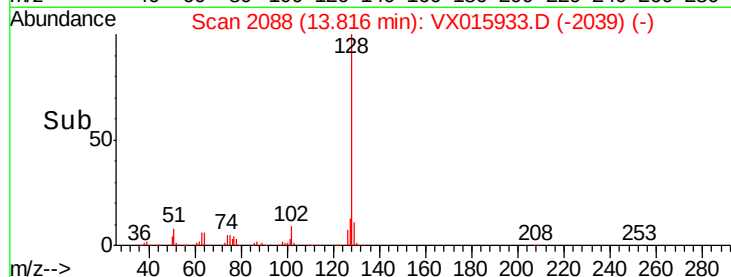
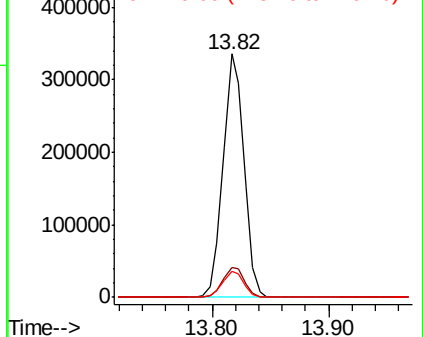
128 100

127 12.7 10.1 15.1

129 10.9 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 51.297 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VX015933.D

Acq: 24 Apr 2020 16:04

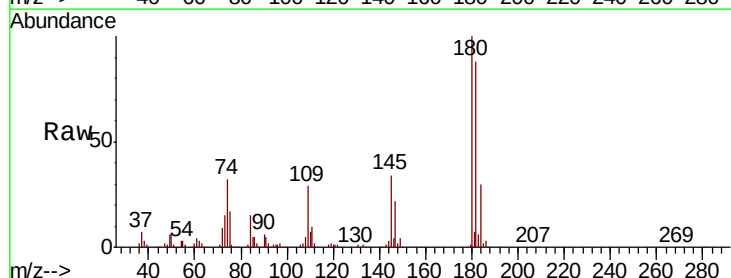
Tgt Ion:180 Resp: 109491

Ion Ratio Lower Upper

180 100

182 94.8 50.1 150.3

145 37.0 18.9 56.9



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

