

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040120\
 Data File : VX015469.D
 Acq On : 01 Apr 2020 16:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 02 09:07:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1110191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1742962	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1616959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	840471	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	739831	47.25	ug/l	0.00
Spiked Amount			Recovery	=	94.50%	
35) Dibromofluoromethane	5.47	113	533924	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	
50) Toluene-d8	8.70	98	1988409	48.47	ug/l	0.00
Spiked Amount			Recovery	=	96.94%	
62) 4-Bromofluorobenzene	11.12	95	812212	48.72	ug/l	0.00
Spiked Amount			Recovery	=	97.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	522845	53.455	ug/l	100
3) Chloromethane	1.31	50	609915	48.966	ug/l	100
4) Vinyl Chloride	1.39	62	569793	49.819	ug/l	98
5) Bromomethane	1.62	94	292982	56.646	ug/l	98
6) Chloroethane	1.70	64	352448	49.686	ug/l	99
7) Trichlorofluoromethane	1.91	101	812591	52.977	ug/l	98
8) Diethyl Ether	2.17	74	315785	48.811	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	541977	54.202	ug/l	98
10) Methyl Iodide	2.49	142	695917	51.620	ug/l	100
11) Tert butyl alcohol	3.01	59	760588	202.940	ug/l	100
12) 1,1-Dichloroethene	2.36	96	536979	51.232	ug/l	93
13) Acrolein	2.27	56	621441	291.082	ug/l	100
14) Allyl chloride	2.70	41	1220622	49.840	ug/l	98
15) Acrylonitrile	3.12	53	1756126	245.702	ug/l	100
16) Acetone	2.42	43	1618740	240.631	ug/l	100
17) Carbon Disulfide	2.55	76	1568091	49.043	ug/l	100
18) Methyl Acetate	2.75	43	836517	48.721	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	2023331	49.773	ug/l	99
20) Methylene Chloride	2.83	84	610675	48.601	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	568770	48.896	ug/l	95
22) Diisopropyl ether	3.83	45	2196565	50.616	ug/l	96
23) Vinyl Acetate	3.79	43	9828791	250.147	ug/l	100
24) 1,1-Dichloroethane	3.67	63	1124632	49.220	ug/l	100
25) 2-Butanone	4.64	43	2569242	237.486	ug/l	99
26) 2,2-Dichloropropane	4.55	77	1031046	54.974	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	666987	49.561	ug/l	97
28) Bromochloromethane	4.98	49	523218	47.961	ug/l	99
29) Tetrahydrofuran	5.09	42	1653425	237.734	ug/l	100
30) Chloroform	5.18	83	1101597	50.111	ug/l	97
31) Cyclohexane	5.55	56	1033525	52.141	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	1012890	50.913	ug/l	99
36) 1,1-Dichloropropene	5.77	75	835004	51.995	ug/l	99
37) Ethyl Acetate	4.79	43	1023874	48.964	ug/l	99
38) Carbon Tetrachloride	5.76	117	900649	51.779	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	1005357	54.295	ug/l	98
40) Benzene	6.12	78	2406262	51.151	ug/l	97
41) Methacrylonitrile	5.01	41	572309	49.304	ug/l	98
42) 1,2-Dichloroethane	6.17	62	974019	51.546	ug/l	99
43) Isopropyl Acetate	6.42	43	1753218	49.667	ug/l	100
44) Trichloroethene	7.19	130	664934	51.828	ug/l	95
45) 1,2-Dichloropropane	7.49	63	653735	50.799	ug/l	99
46) Dibromomethane	7.64	93	423957	50.221	ug/l	99
47) Bromodichloromethane	7.88	83	917735	51.020	ug/l	97
48) Methyl methacrylate	7.75	41	878910	49.849	ug/l	99
49) 1,4-Dioxane	7.72	88	270953	823.775	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	5009970	250.439	ug/l	100
52) Toluene	8.77	92	1494513	51.530	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	1061756	50.329	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	1112573	51.772	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	616968	51.922	ug/l	98
56) Ethyl methacrylate	9.16	69	1074302	51.300	ug/l	99
57) 1,3-Dichloropropane	9.36	76	1073578	50.147	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2576848	252.977	ug/l	100
59) 2-Hexanone	9.48	43	3782793	250.463	ug/l	100
60) Dibromochloromethane	9.57	129	729056	51.059	ug/l	99
61) 1,2-Dibromoethane	9.65	107	655903	50.765	ug/l	99
64) Tetrachloroethene	9.32	164	612158	50.165	ug/l	98
65) Chlorobenzene	10.12	112	1641146	50.893	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	639777	49.661	ug/l	99
67) Ethyl Benzene	10.24	91	2947634	51.538	ug/l	100
68) m/p-Xylenes	10.34	106	2169647	101.877	ug/l	99
69) o-Xylene	10.68	106	1064785	50.596	ug/l	97
70) Styrene	10.70	104	1887638	50.973	ug/l	100
71) Bromoform	10.84	173	556185	47.425	ug/l #	97
73) Isopropylbenzene	11.00	105	2869374	52.105	ug/l	99
74) N-amyl acetate	10.88	43	1545838	50.470	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	924724	48.937	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	1167969	67.577	ug/l	82
77) Bromobenzene	11.24	156	735554	50.075	ug/l	99
78) n-propylbenzene	11.35	91	3322148	52.758	ug/l	100
79) 2-Chlorotoluene	11.40	91	1992344	51.620	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	2453716	52.172	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	356001	49.423	ug/l	98
82) 4-Chlorotoluene	11.49	91	2368811	52.353	ug/l	99
83) tert-Butylbenzene	11.76	119	2331489	50.752	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	2456228	51.250	ug/l	99
85) sec-Butylbenzene	11.93	105	2772930	52.191	ug/l	100
86) p-Isopropyltoluene	12.05	119	2627155	53.264	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1355013	51.529	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	1389675	51.882	ug/l	97
89) n-Butylbenzene	12.37	91	2342033	52.544	ug/l	98
90) Hexachloroethane	12.58	117	481592	50.165	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	1309573	50.888	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	240969	45.181	ug/l	98

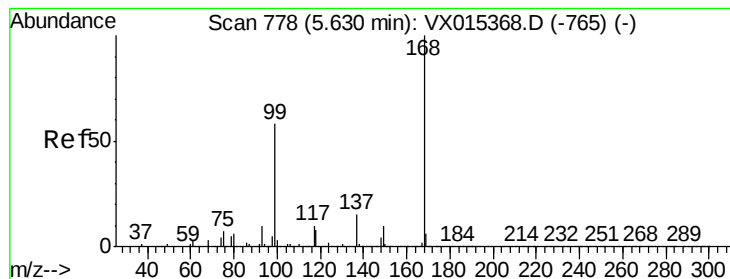
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040120\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	999677	49.110	ug/l	96
94) Hexachlorobutadiene	13.77	225	403910	41.676	ug/l	96
95) Naphthalene	13.82	128	3047815	49.085	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	975749	49.787	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

Instrument :

MSVOA_X

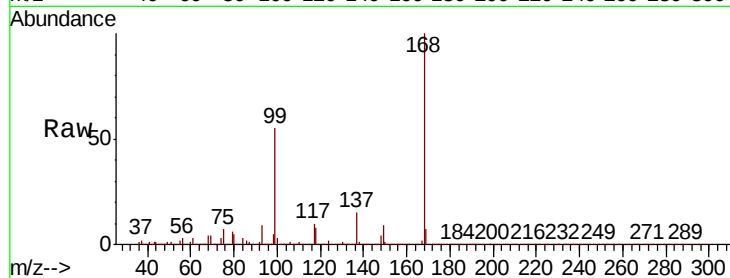
ClientSampleId :

Tot Ion:168 Resp: 1110191

Ion Ratio Lower Upper

168 100

99 54.8 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

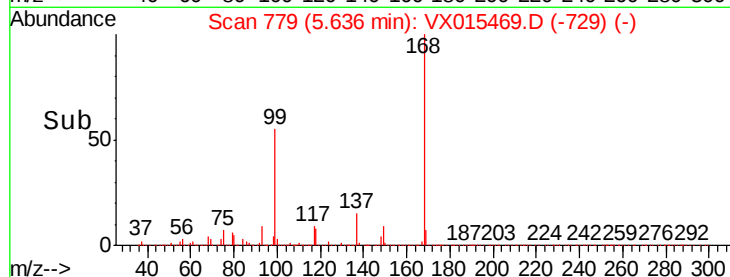
300000

200000

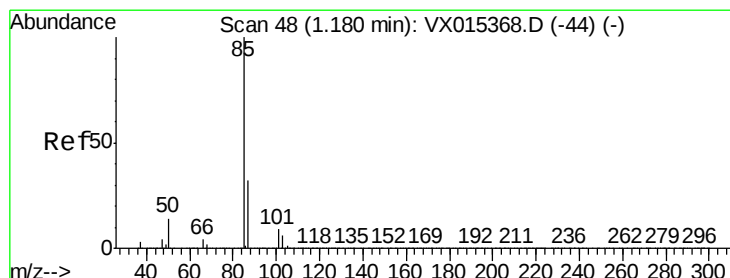
100000

0

5.50 5.60 5.70 5.80



Time-->



#2

Dichlorodifluoromethane

Concen: 53.455 ug/l

RT: 1.18 min Scan# 48

Delta R.T. -0.00 min

Lab File: VX015469.D

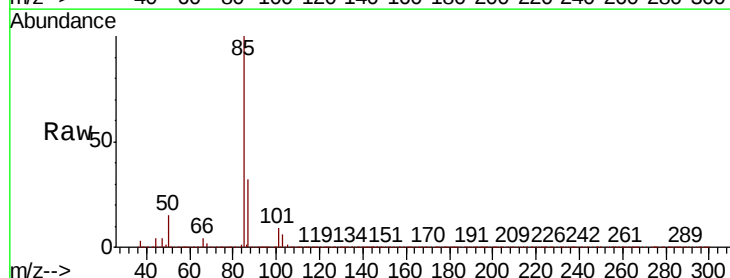
Acq: 01 Apr 2020 16:31

Tgt Ion: 85 Resp: 522845

Ion Ratio Lower Upper

85 100

87 32.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

600000

500000

400000

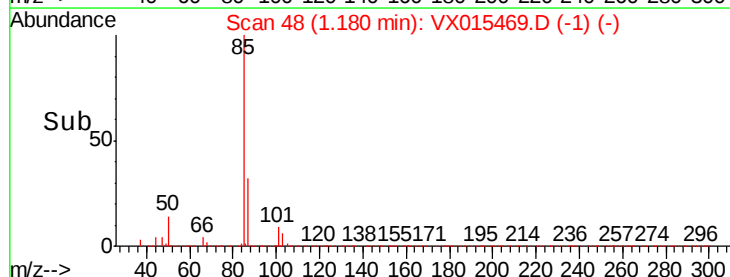
300000

200000

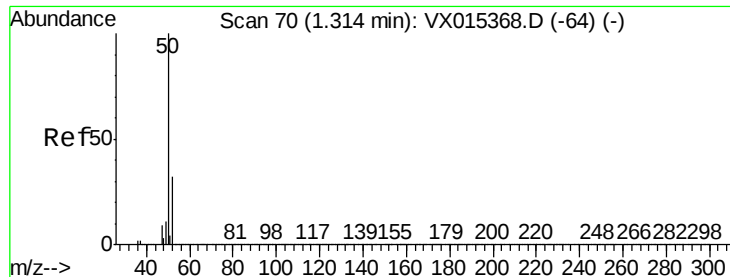
100000

0

1.15 1.20 1.25



Time-->



#3

Chloromethane

Concen: 48.966 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

Instrument :

MSVOA_X

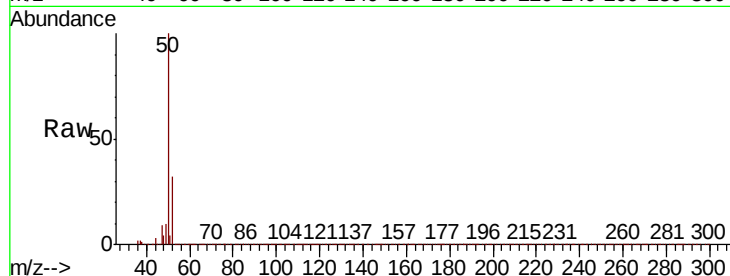
ClientSampleId :

Tot Ion: 50 Resp: 609915

Ion Ratio Lower Upper

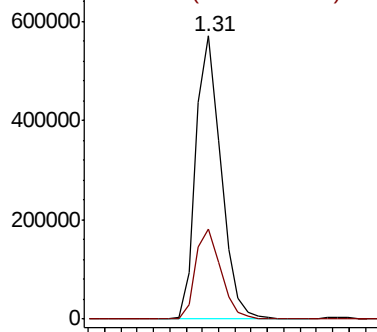
50 100

52 31.8 25.3 37.9

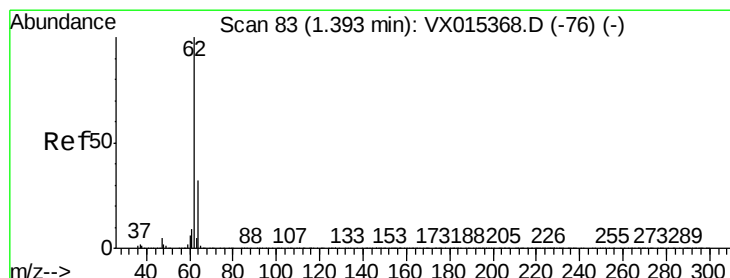
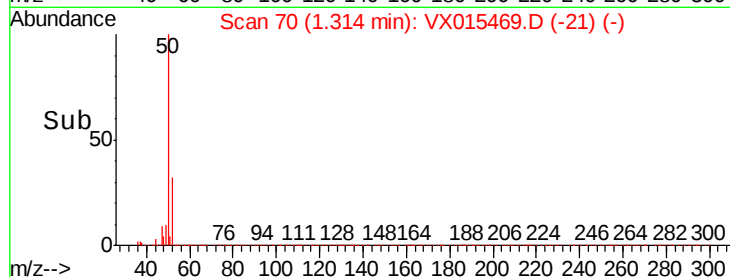


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 49.819 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015469.D

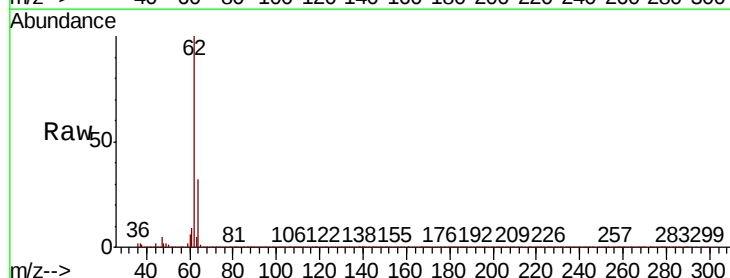
Acq: 01 Apr 2020 16:31

Tgt Ion: 62 Resp: 569793

Ion Ratio Lower Upper

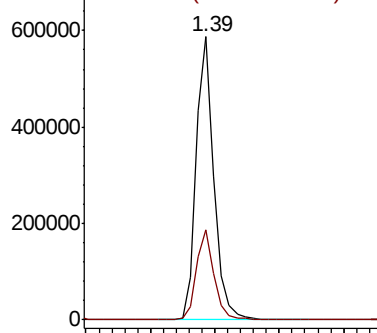
62 100

64 31.6 26.0 39.0

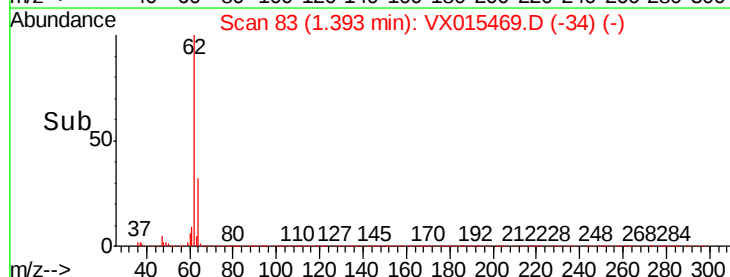


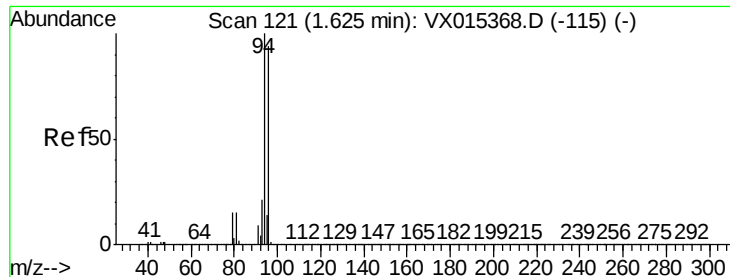
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 56.646 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

Instrument :

MSVOA_X

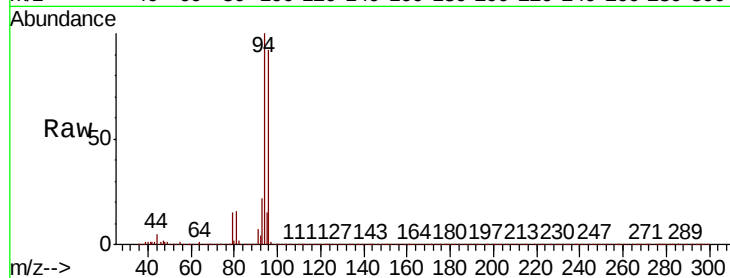
ClientSampled :

Tot Ion: 94 Resp: 292982

Ion Ratio Lower Upper

94 100

96 91.9 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

300000

250000

200000

150000

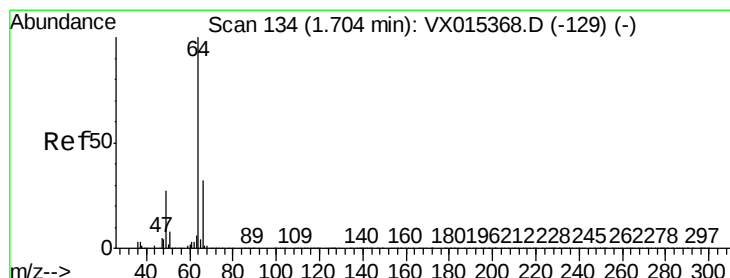
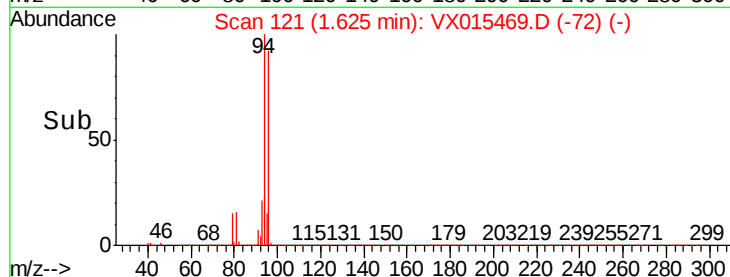
100000

50000

0

Time-->

1.60 1.70



#6

Chloroethane

Concen: 49.686 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX015469.D

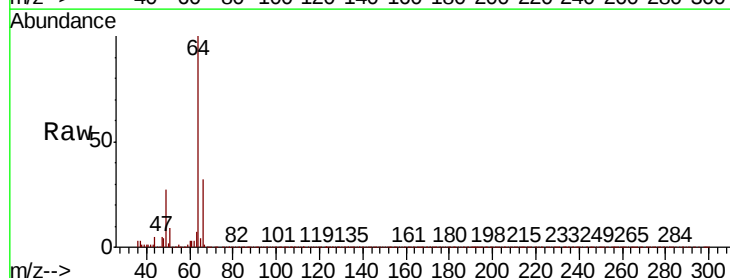
Acq: 01 Apr 2020 16:31

Tgt Ion: 64 Resp: 352448

Ion Ratio Lower Upper

64 100

66 31.5 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

300000

250000

200000

150000

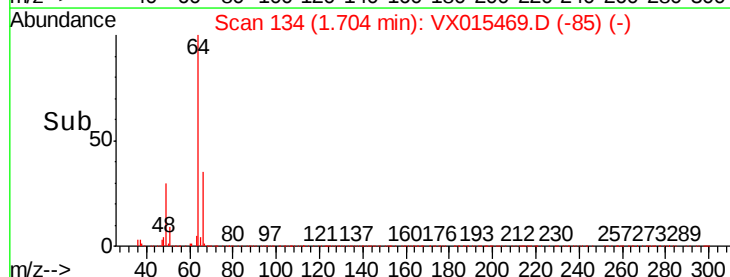
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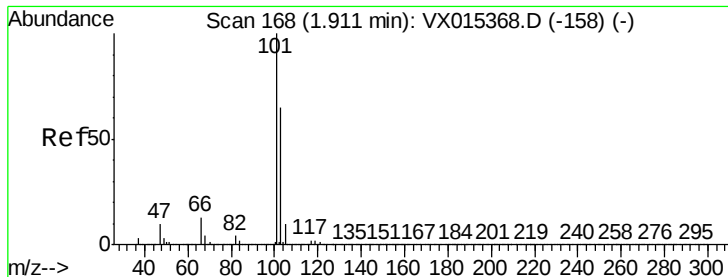
50000

0

Time-->

1.60 1.65 1.70 1.75 1.80



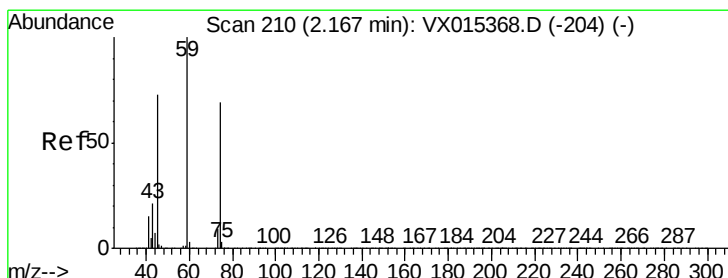
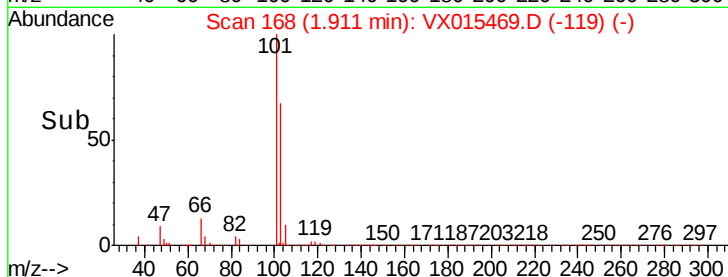
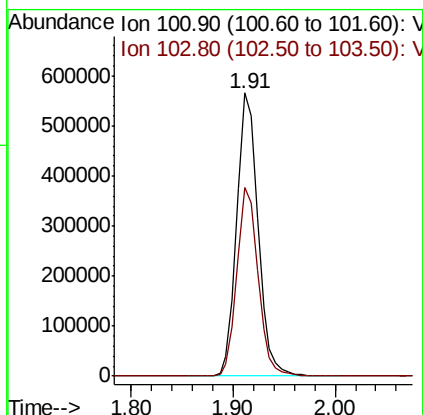
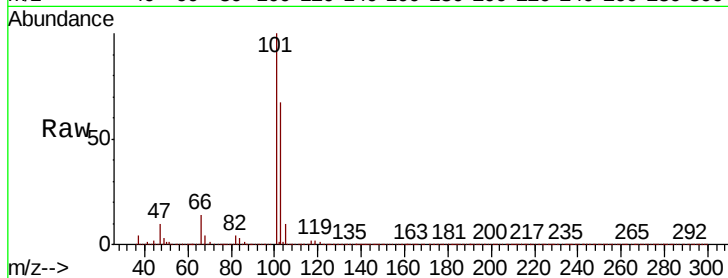


#7

Trichlorofluoromethane
Concen: 52.977 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.00 min
Lab File: VX015469.D
Acq: 01 Apr 2020 16:31

Instrument :
MSVOA_X
ClientSampleId :

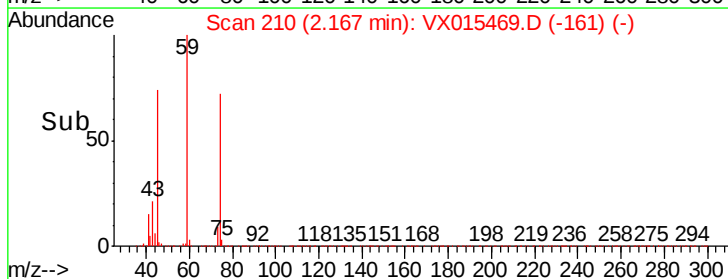
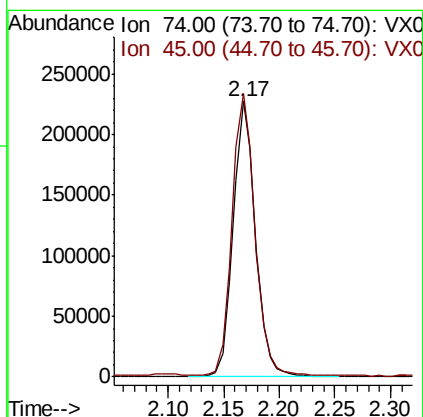
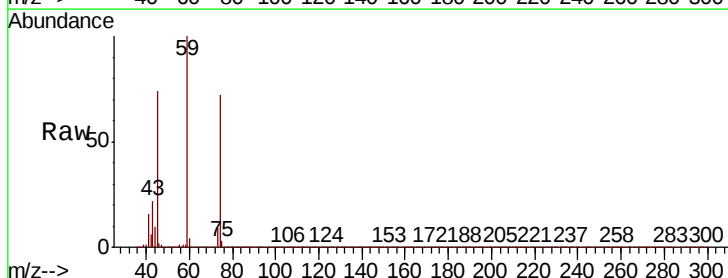
Tot Ion:101 Resp: 812591
Ion Ratio Lower Upper
101 100
103 66.6 52.3 78.5

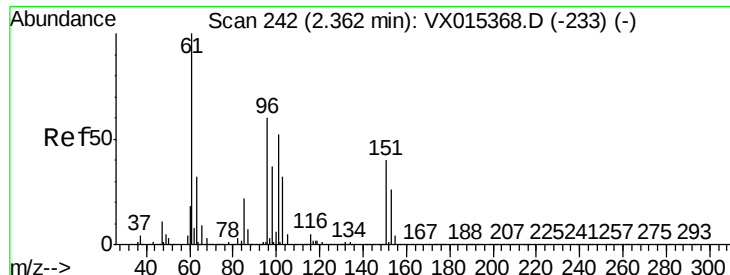


#8

Diethyl Ether
Concen: 48.811 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015469.D
Acq: 01 Apr 2020 16:31

Tgt Ion: 74 Resp: 315785
Ion Ratio Lower Upper
74 100
45 105.5 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.202 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.00 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

Instrument :

MSVOA_X

ClientSampleId :

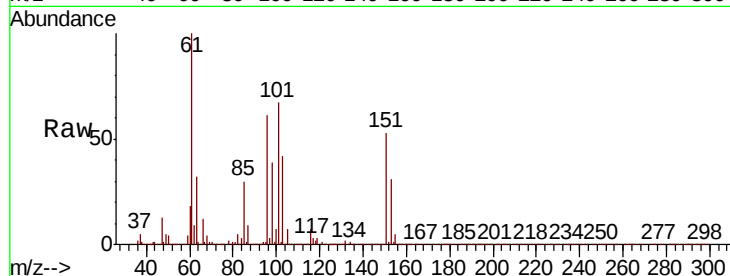
Tot Ion:101 Resp: 541977

Ion Ratio Lower Upper

101 100

85 44.2 35.0 52.4

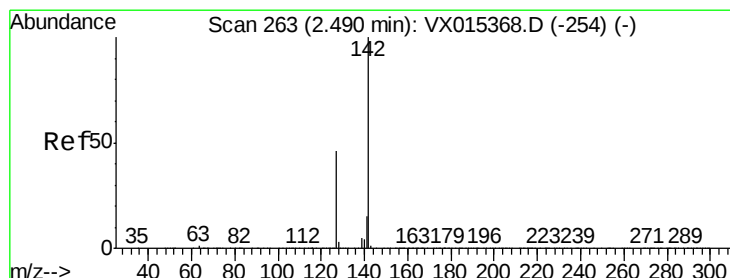
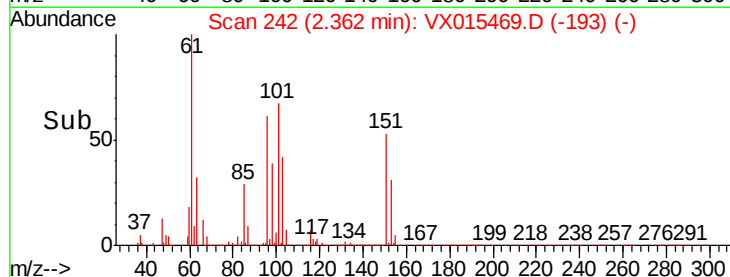
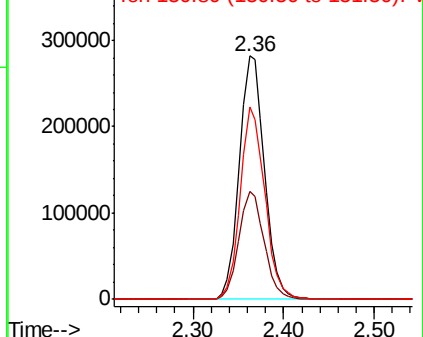
151 77.5 64.1 96.1



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: 51.620 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

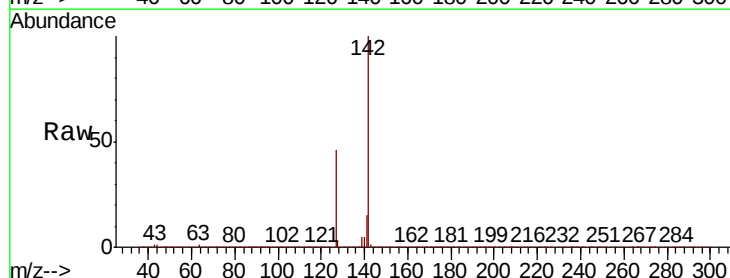
Tgt Ion:142 Resp: 695917

Ion Ratio Lower Upper

142 100

127 45.0 35.9 53.9

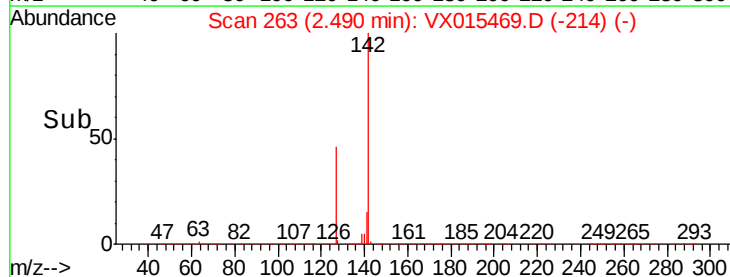
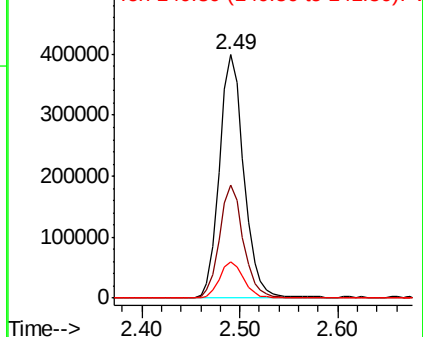
141 14.6 11.6 17.4

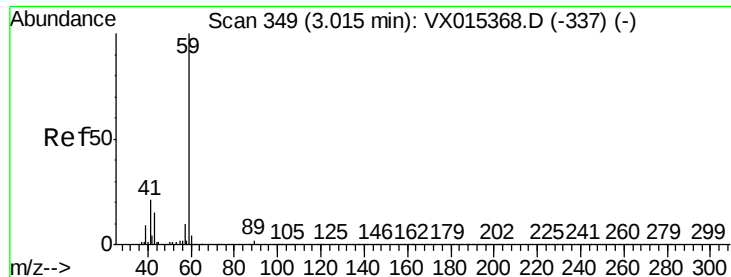


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

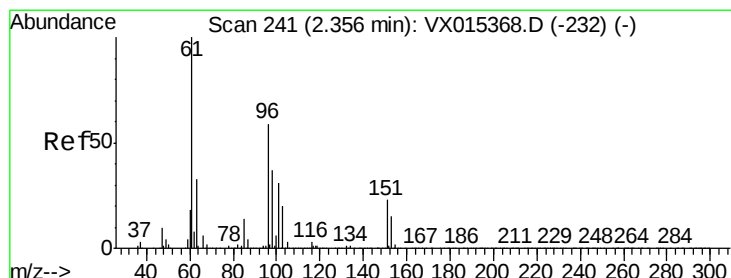
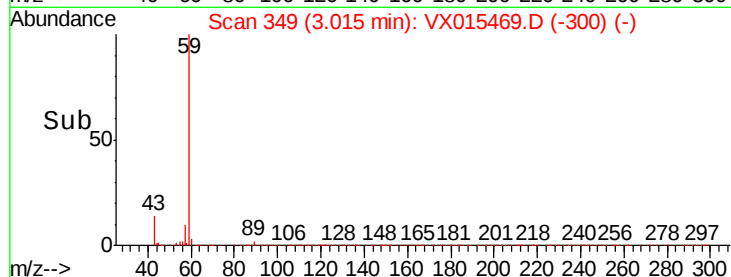
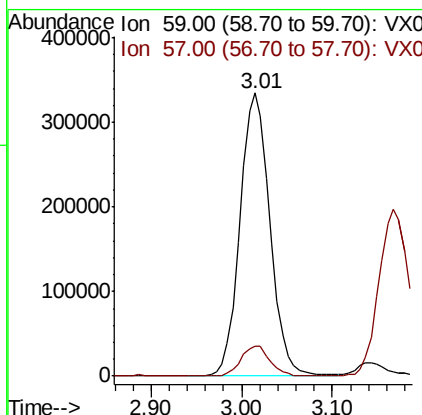
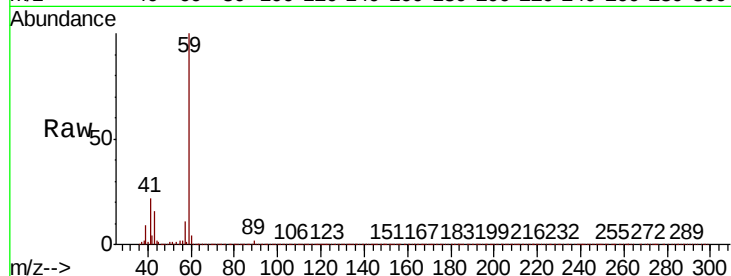




#11
Tert butyl alcohol
Concen: 202.940 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.00 min
Lab File: VX015469.D
Acq: 01 Apr 2020 16:31

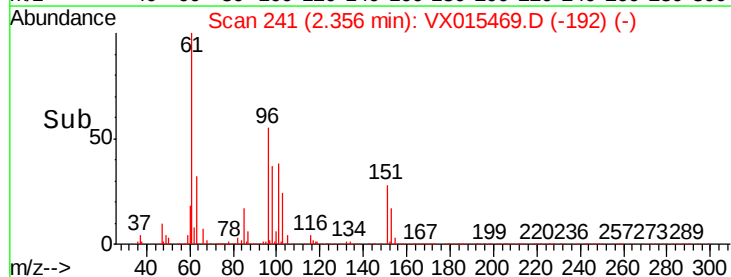
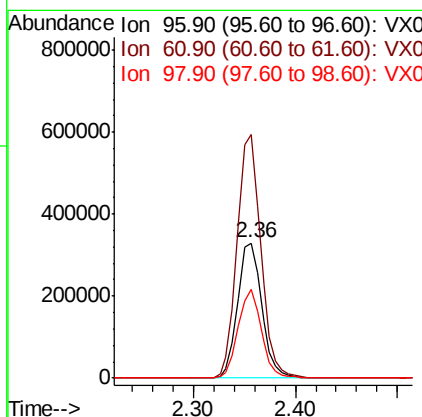
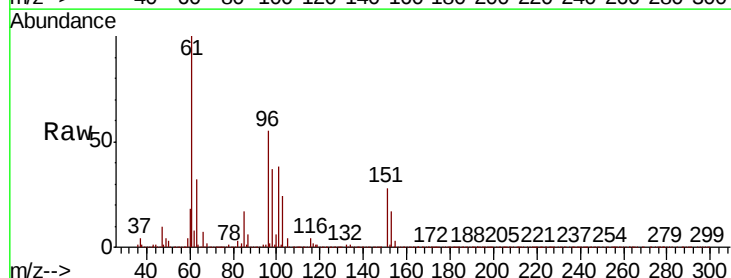
Instrument :
MSVOA_X
ClientSampleId :

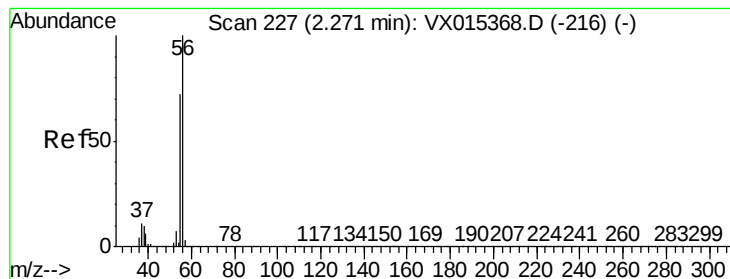
Tot Ion: 59 Resp: 760588
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1



#12
1,1-Dichloroethene
Concen: 51.232 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015469.D
Acq: 01 Apr 2020 16:31

Tgt Ion: 96 Resp: 536979
Ion Ratio Lower Upper
96 100
61 180.6 135.7 203.5
98 66.0 50.6 75.8





#13

Acrolein

Concen: 291.082 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

Instrument :

MSVOA_X

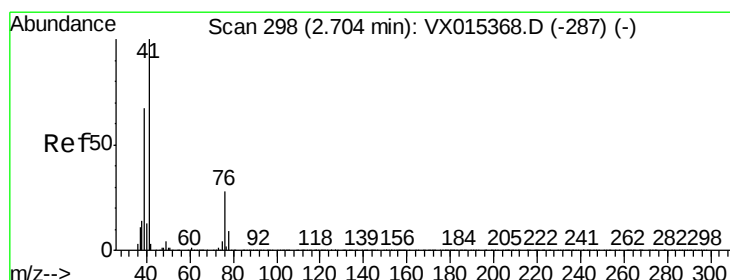
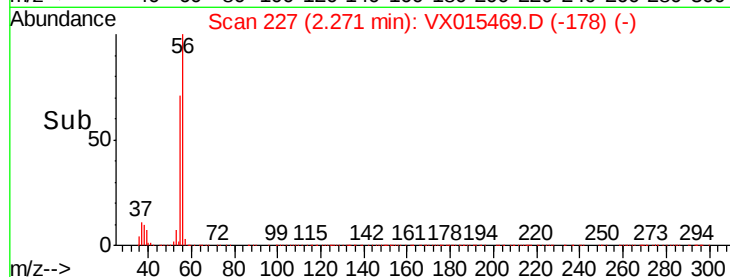
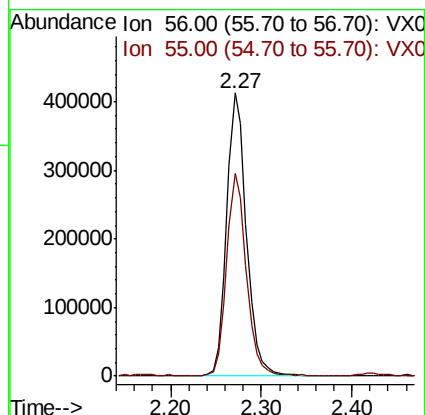
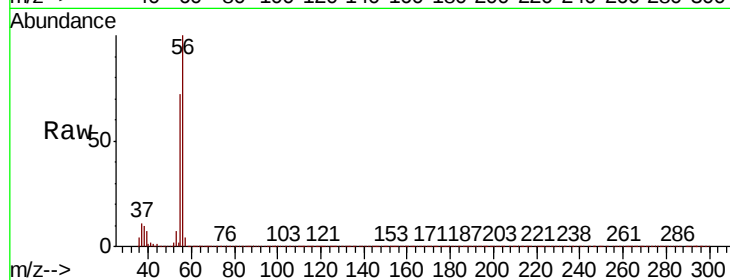
ClientSampleId :

Tot Ion: 56 Resp: 621441

Ion Ratio Lower Upper

56 100

55 71.1 57.0 85.4



#14

Allyl chloride

Concen: 49.840 ug/l

RT: 2.70 min Scan# 298

Delta R.T. -0.00 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

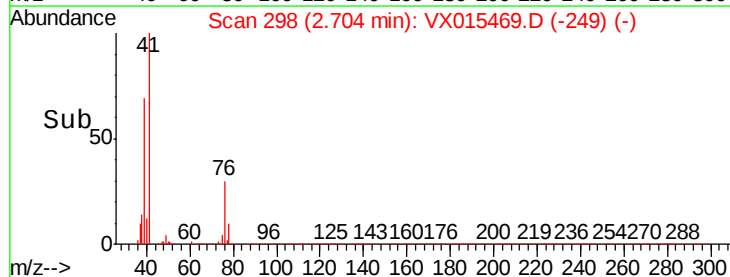
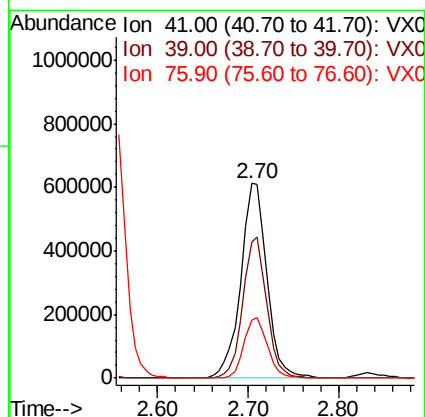
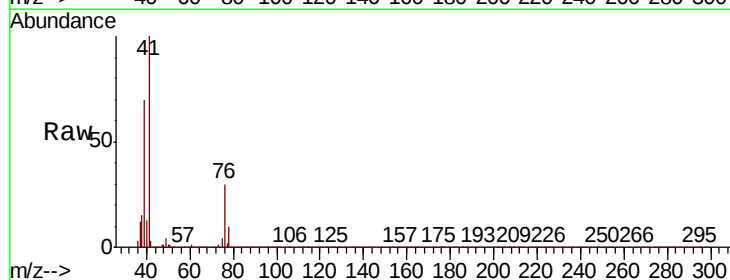
Tgt Ion: 41 Resp: 1220622

Ion Ratio Lower Upper

41 100

39 66.0 51.4 77.0

76 27.9 21.8 32.8





#15

Acrylonitrile

Concen: 245.702 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

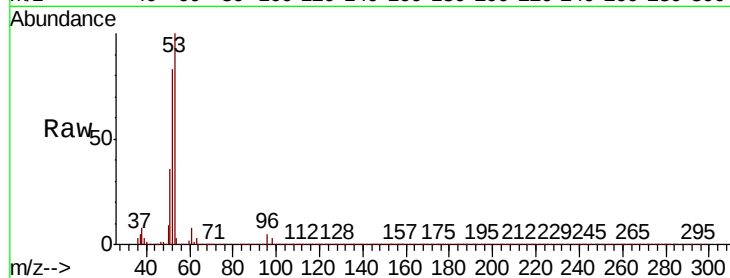
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 1756126

Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.8	100.2
51	36.8	29.5	44.3

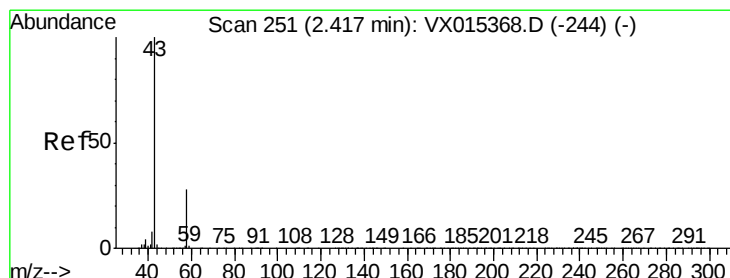
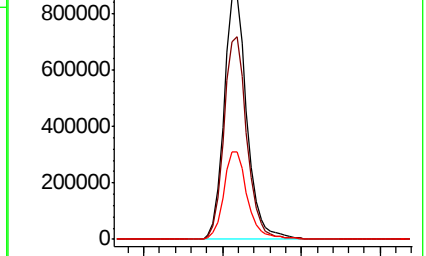
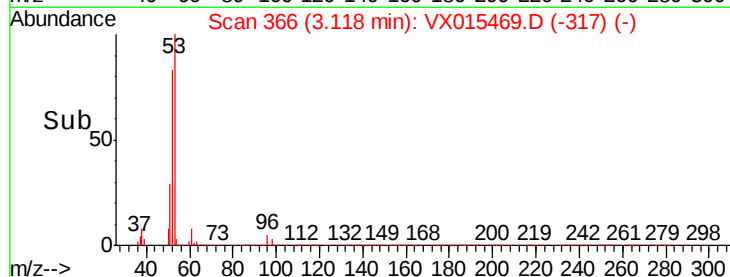


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 240.631 ug/l

RT: 2.42 min Scan# 251

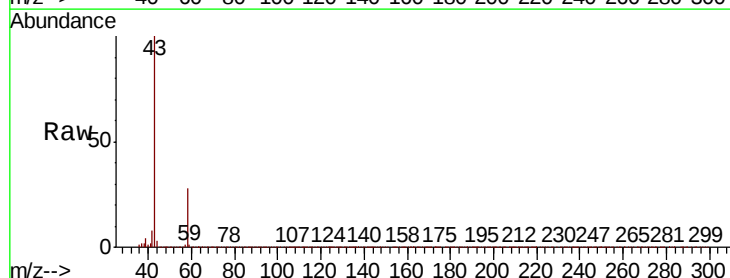
Delta R.T. -0.00 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

Tgt Ion: 43 Resp: 1618740

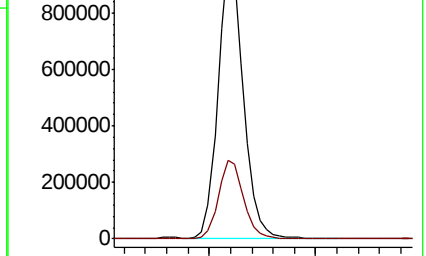
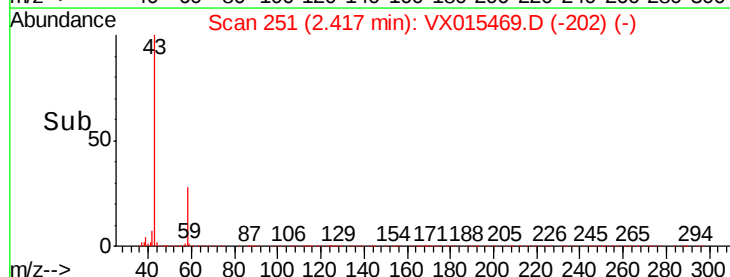
Ion	Ratio	Lower	Upper
43	100		
58	27.8	22.1	33.1

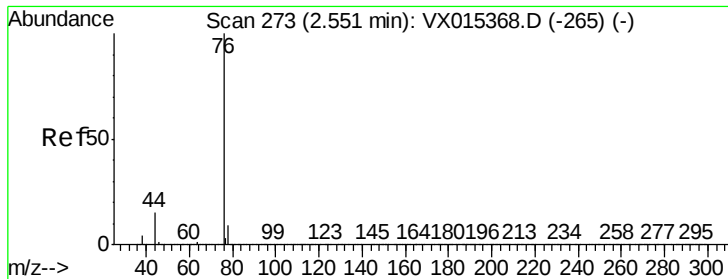


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

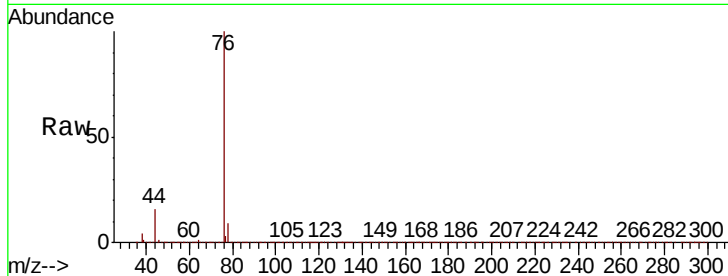




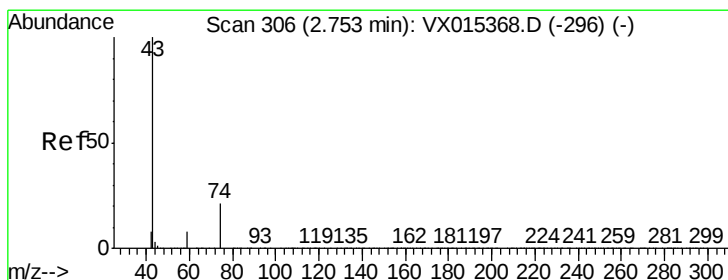
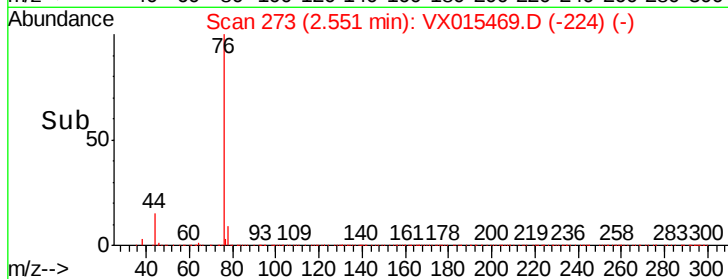
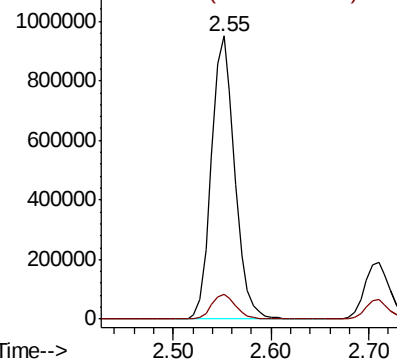
#17
Carbon Disulfide
Concen: 49.043 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX015469.D
Acq: 01 Apr 2020 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 1568091
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

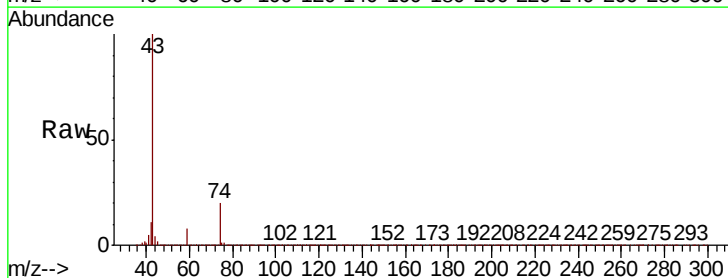


Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0

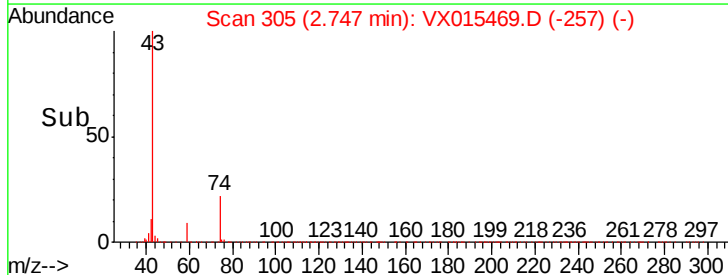
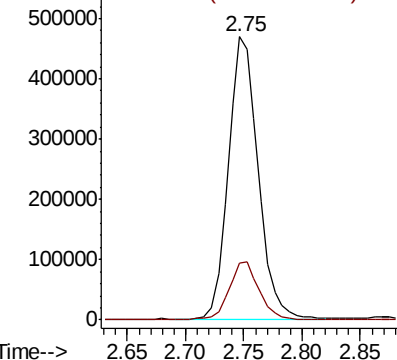


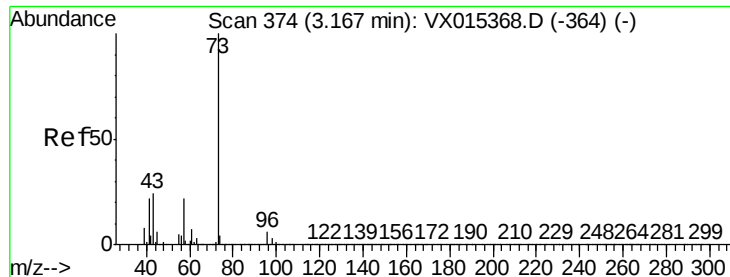
#18
Methyl Acetate
Concen: 48.721 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015469.D
Acq: 01 Apr 2020 16:31

Tgt Ion: 43 Resp: 836517
Ion Ratio Lower Upper
43 100
74 20.9 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0



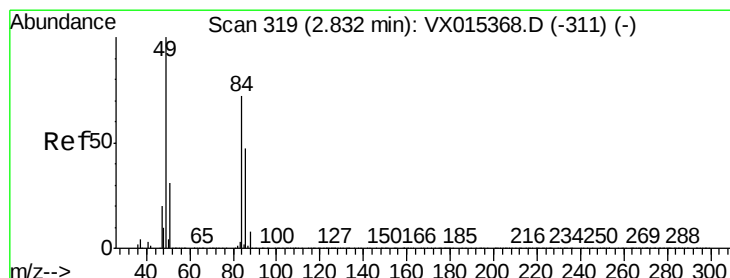
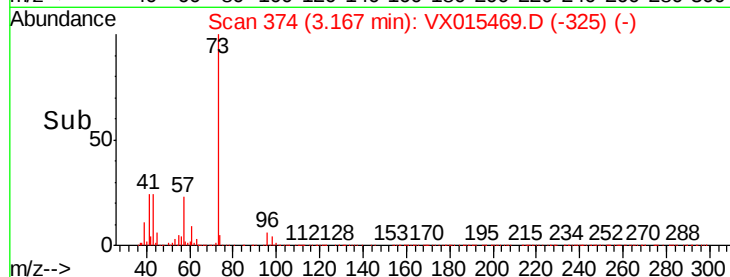
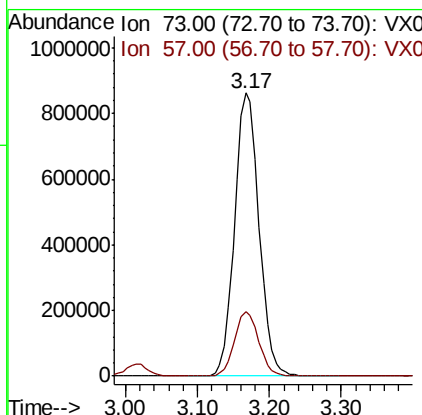
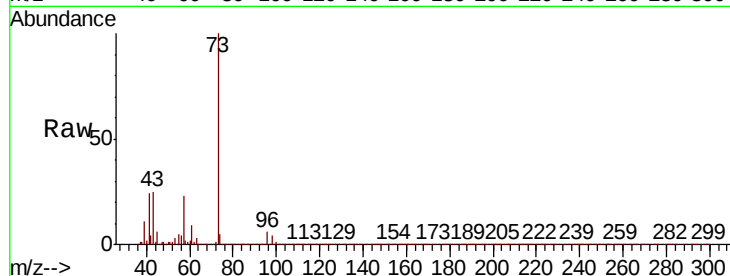


#19

Methyl tert-butyl Ether
 Concen: 49.773 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VX015469.D
 Acq: 01 Apr 2020 16:31

Instrument :
 MSVOA_X
 ClientSampleId :

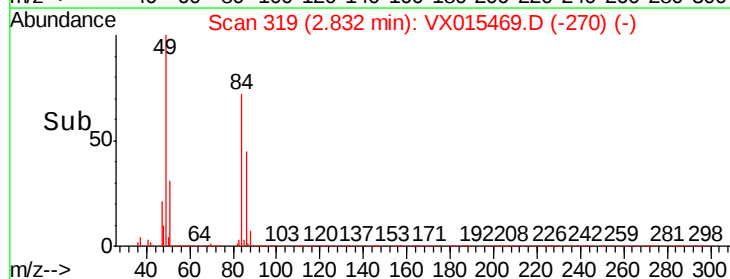
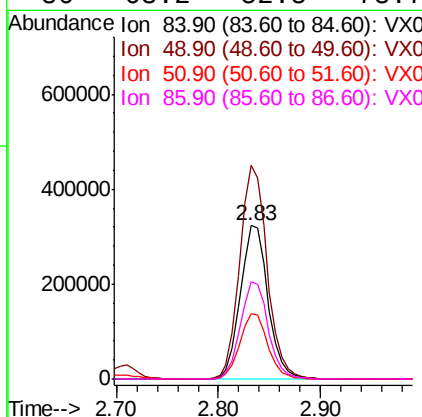
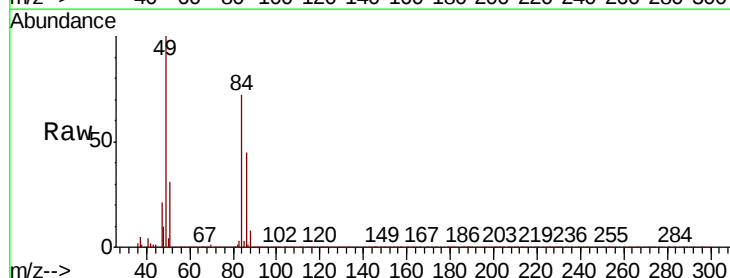
Tot Ion: 73 Resp: 2023331
 Ion Ratio Lower Upper
 73 100
 57 22.9 17.9 26.9



#20

Methylene Chloride
 Concen: 48.601 ug/l
 RT: 2.83 min Scan# 319
 Delta R.T. -0.00 min
 Lab File: VX015469.D
 Acq: 01 Apr 2020 16:31

Tgt Ion: 84 Resp: 610675
 Ion Ratio Lower Upper
 84 100
 49 139.4 111.3 166.9
 51 42.7 34.0 51.0
 86 63.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.896 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

Instrument :

MSVOA_X

ClientSampleId :

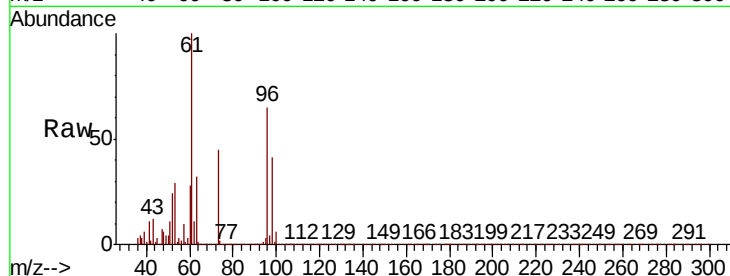
Tot Ion: 96 Resp: 568770

Ion Ratio Lower Upper

96 100

61 153.3 116.9 175.3

98 63.0 48.6 73.0

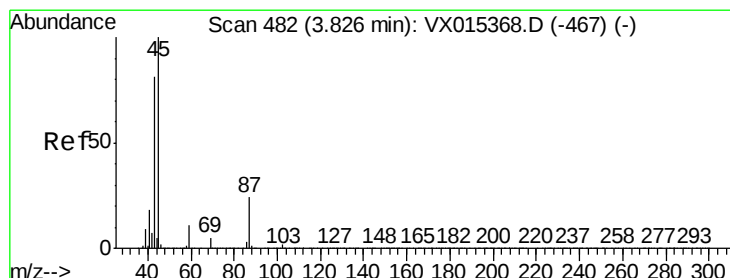
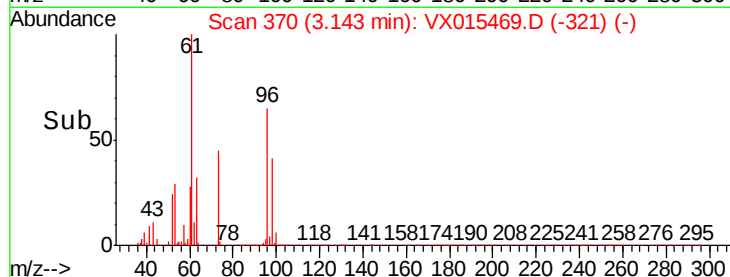
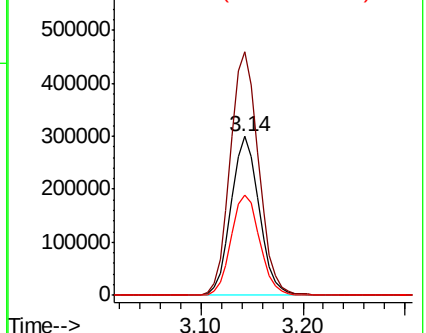


Abundance

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



#22

Diisopropyl ether

Concen: 50.616 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.00 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

Tgt Ion: 45 Resp: 2196565

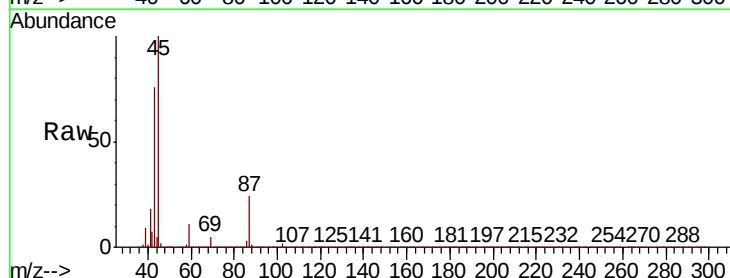
Ion Ratio Lower Upper

45 100

43 75.9 64.7 97.1

87 24.0 19.4 29.0

59 10.5 8.7 13.1



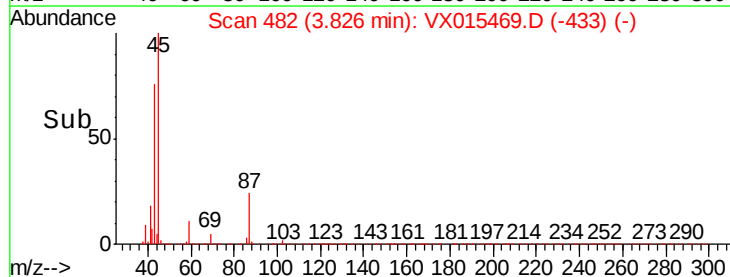
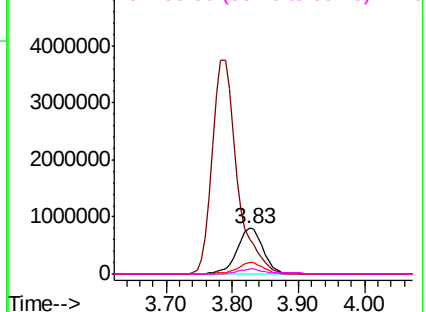
Abundance

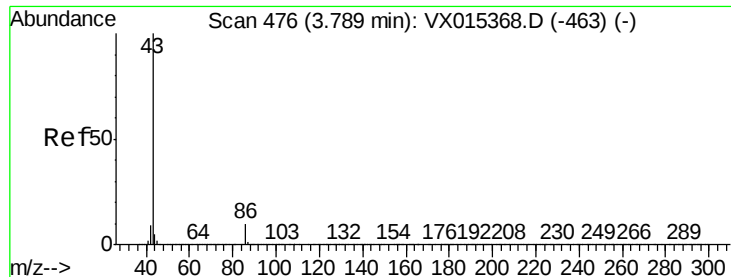
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 250.147 ug/l

RT: 3.79 min Scan# 476

Delta R.T. -0.00 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

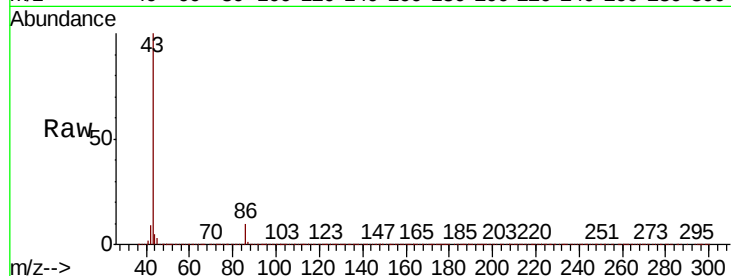
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 9828791

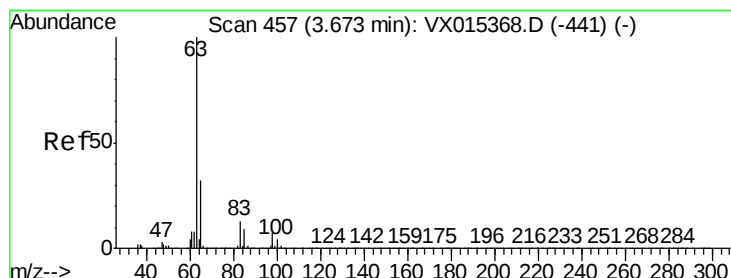
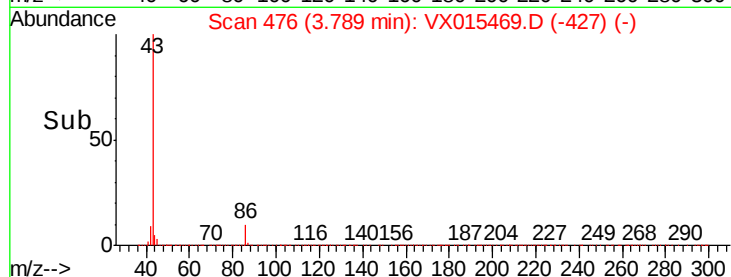
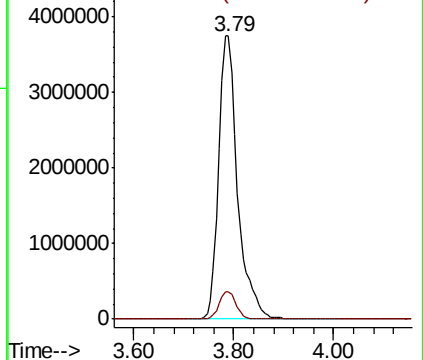
Ion Ratio Lower Upper

43 100

86 9.8 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.220 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

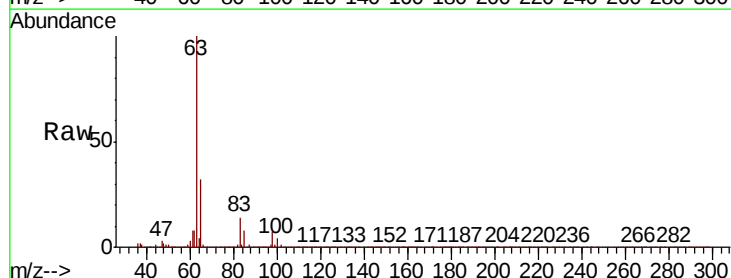
Tgt Ion: 63 Resp: 1124632

Ion Ratio Lower Upper

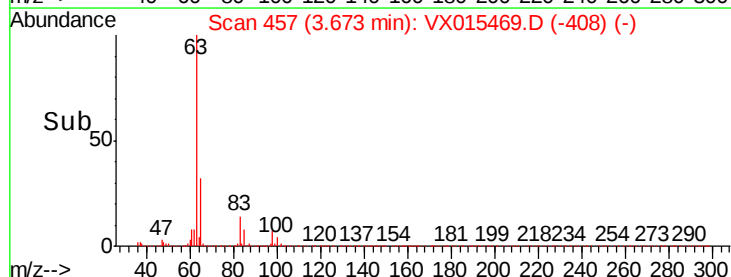
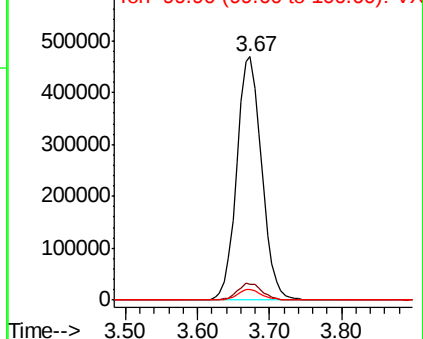
63 100

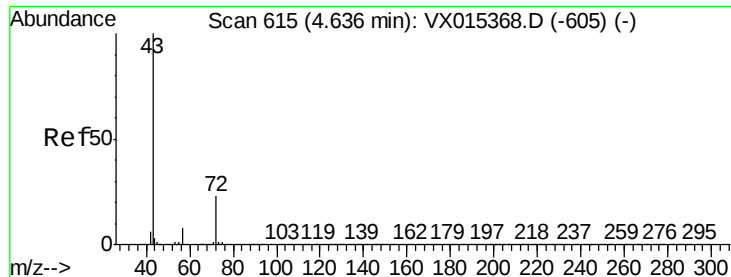
98 6.5 3.3 9.8

100 4.3 2.1 6.5



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: 237.486 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

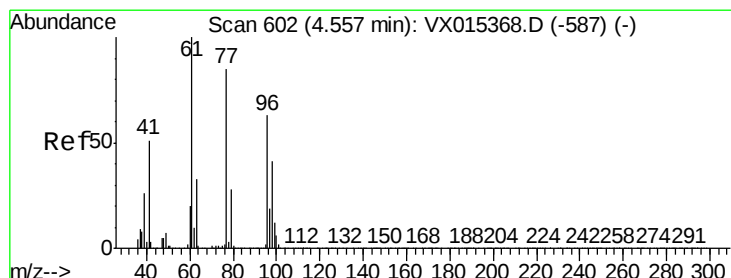
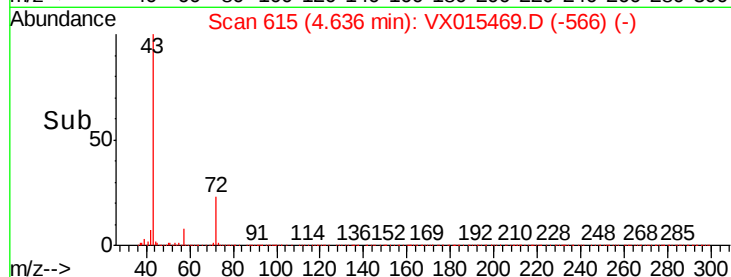
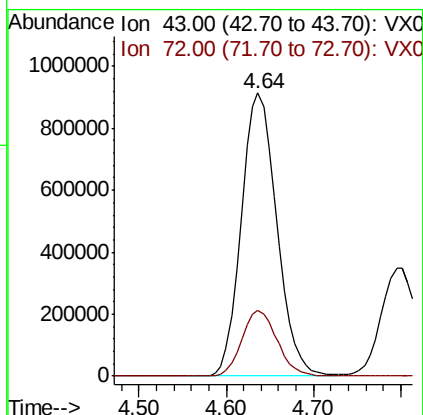
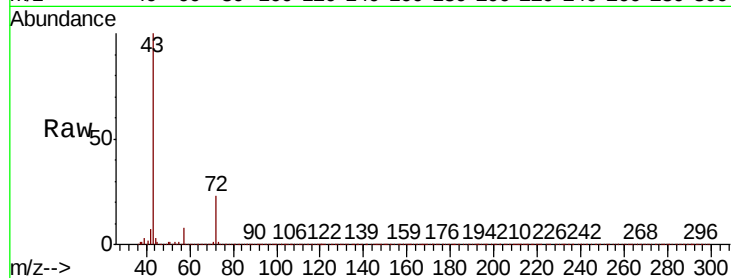
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 2569242

Ion Ratio Lower Upper

43 100

72 23.0 19.0 28.4



#26

2,2-Dichloropropane

Concen: 54.974 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015469.D

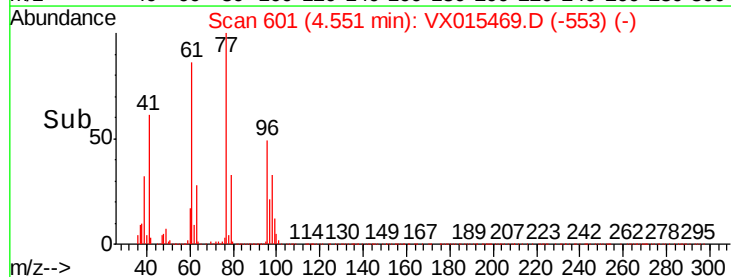
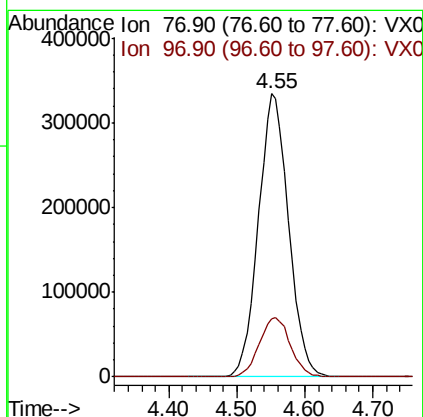
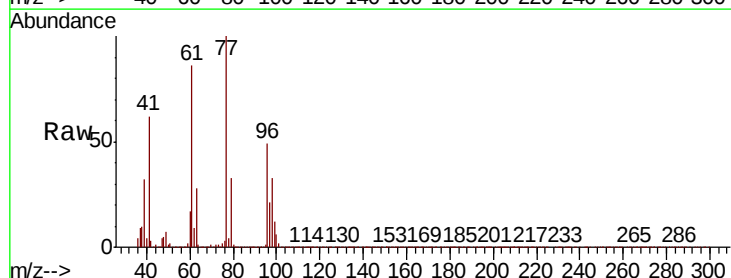
Acq: 01 Apr 2020 16:31

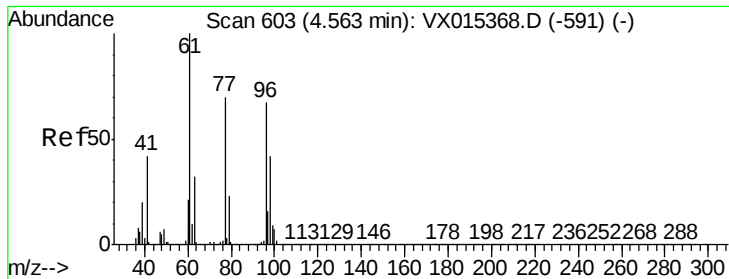
Tgt Ion: 77 Resp: 1031046

Ion Ratio Lower Upper

77 100

97 21.5 11.3 33.8



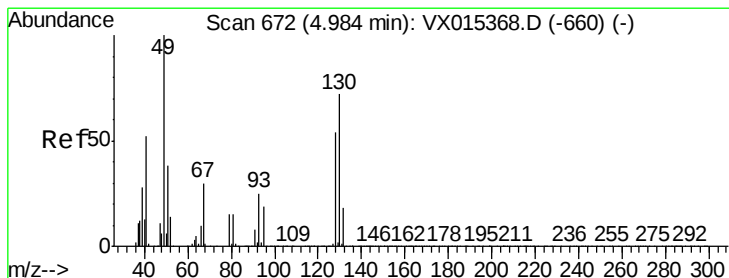
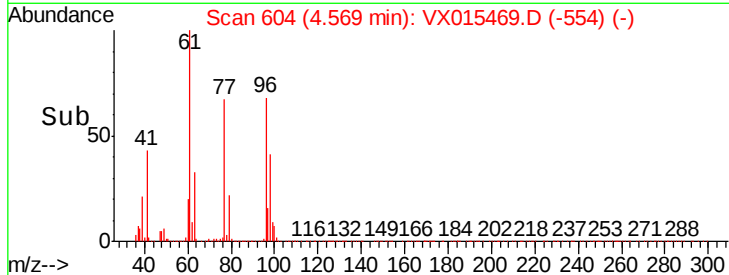
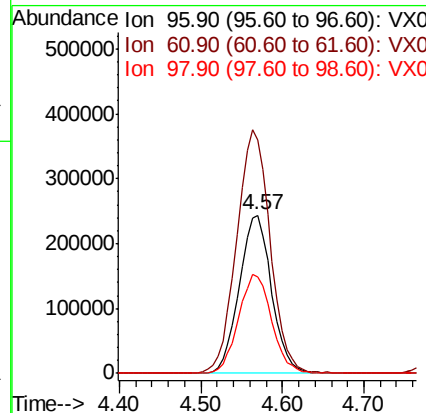
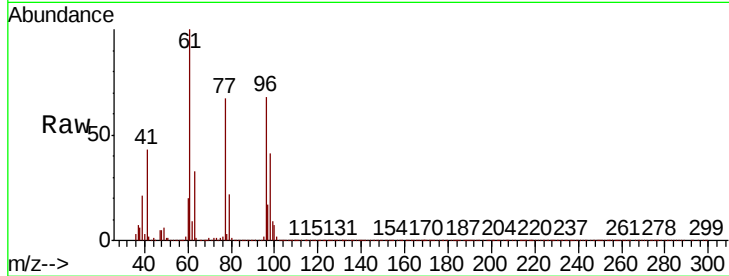


#27

cis-1,2-Dichloroethene
Concen: 49.561 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015469.D
Acq: 01 Apr 2020 16:31

Instrument :
MSVOA_X
ClientSampleId :

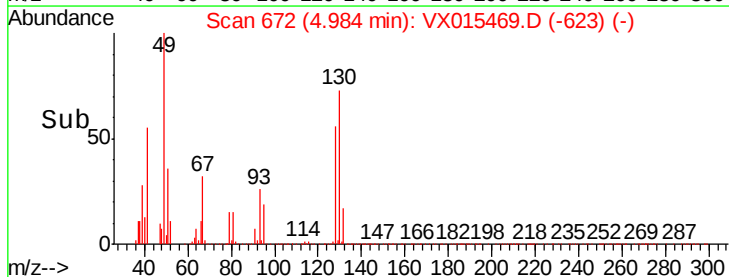
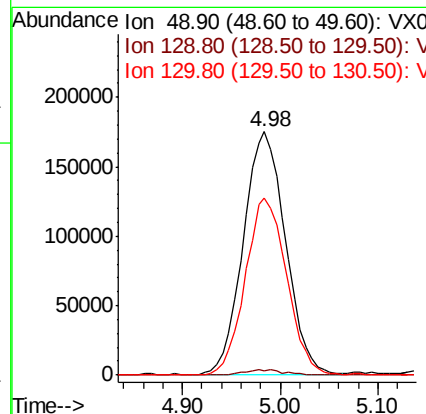
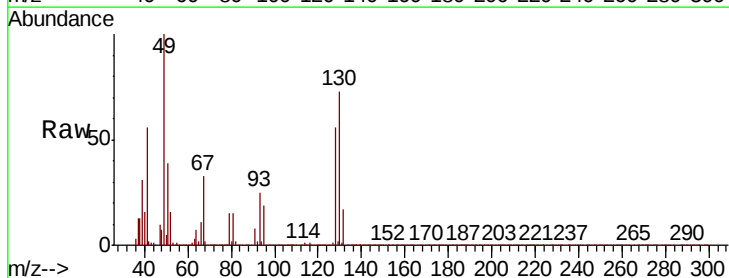
Tot Ion	Ratio	Lower	Upper
96	100		
61	159.8	0.0	308.4
98	63.8	0.0	129.2

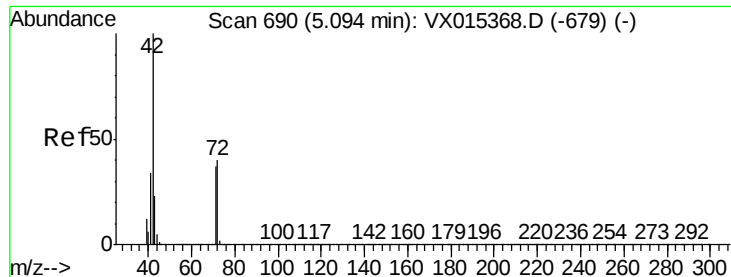


#28

Bromochloromethane
Concen: 47.961 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.00 min
Lab File: VX015469.D
Acq: 01 Apr 2020 16:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	71.4	57.7	86.5

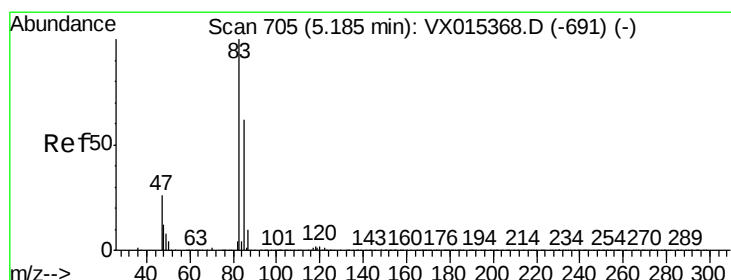
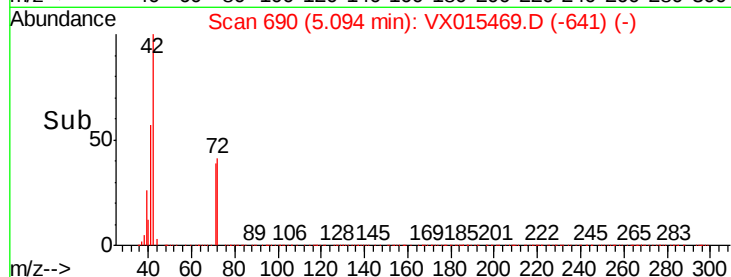
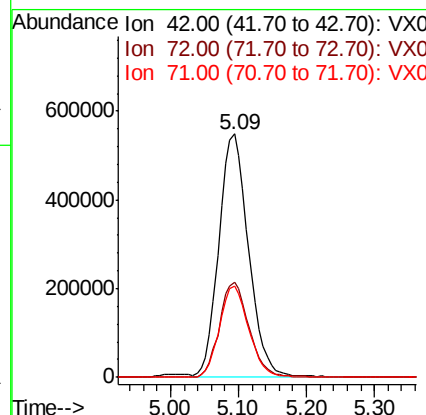
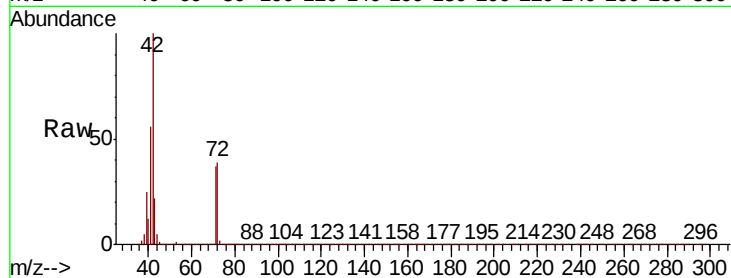




#29
Tetrahydrofuran
Concen: 237.734 ug/l
RT: 5.09 min Scan# 690
Delta R.T. -0.00 min
Lab File: VX015469.D
Acq: 01 Apr 2020 16:31

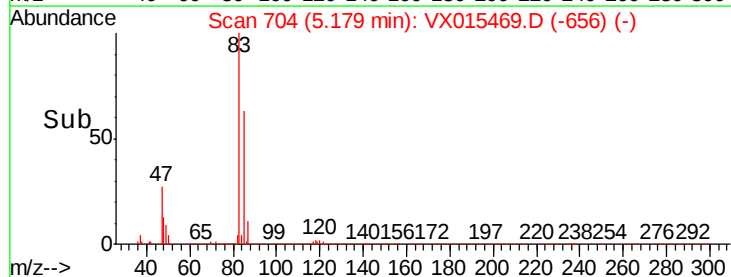
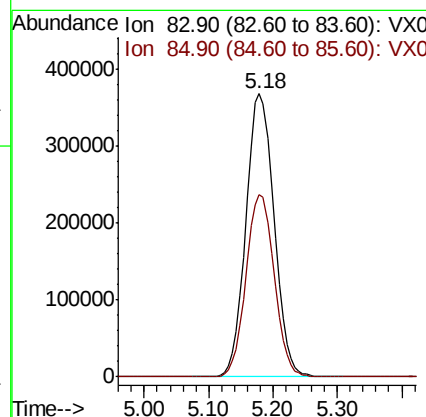
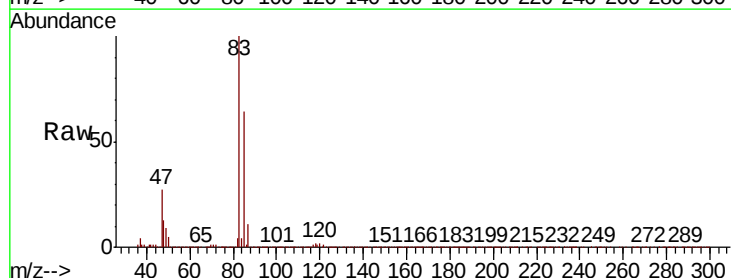
Instrument :
MSVOA_X
ClientSampleId :

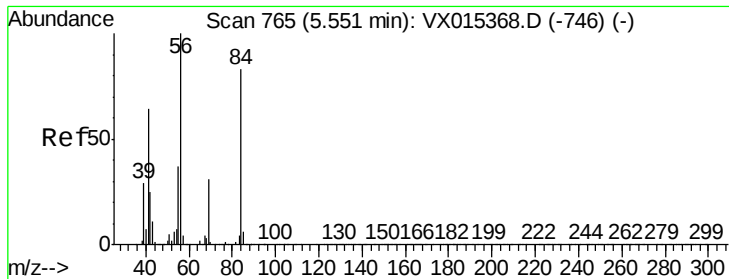
Tot Ion: 42 Resp: 1653425
Ion Ratio Lower Upper
42 100
72 39.3 31.7 47.5
71 37.1 29.6 44.4



#30
Chloroform
Concen: 50.111 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015469.D
Acq: 01 Apr 2020 16:31

Tgt Ion: 83 Resp: 1101597
Ion Ratio Lower Upper
83 100
85 64.2 49.5 74.3

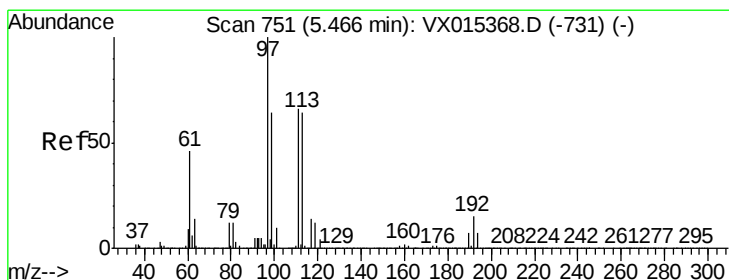
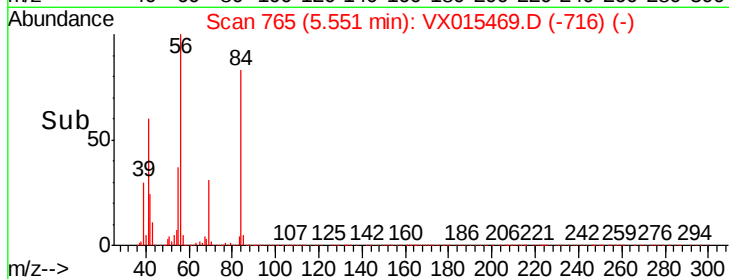
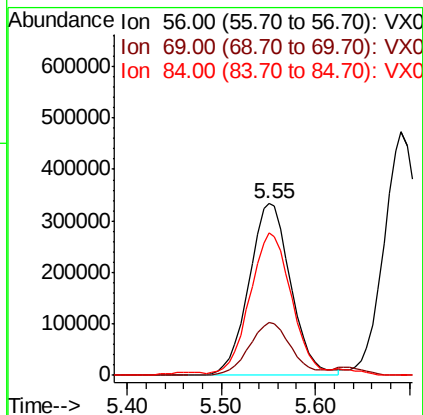
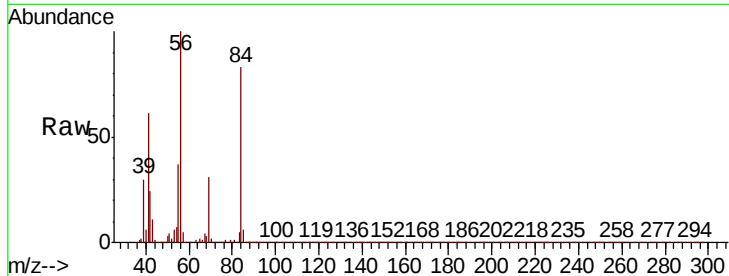




#31
Cyclohexane
Concen: 52.141 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015469.D
Acq: 01 Apr 2020 16:31

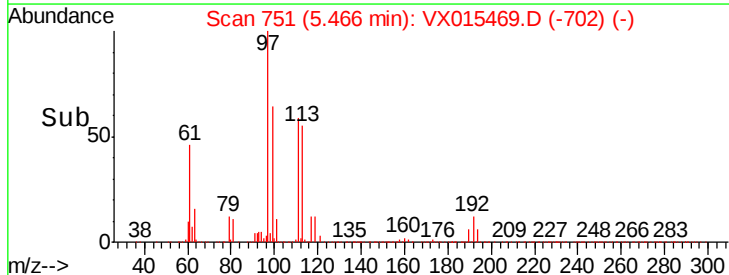
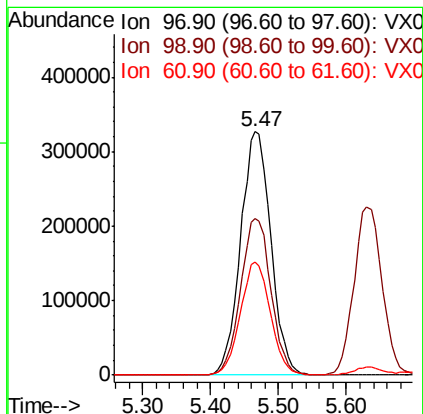
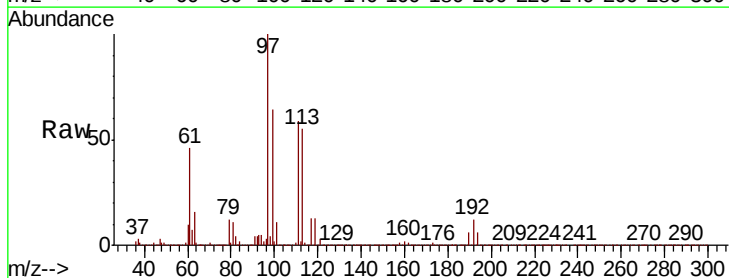
Instrument :
MSVOA_X
ClientSampleId :

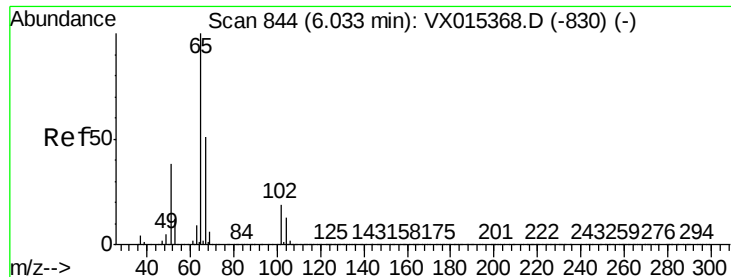
Tot Ion: 56 Resp: 1033525
Ion Ratio Lower Upper
56 100
69 30.6 24.6 36.8
84 81.3 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 50.913 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX015469.D
Acq: 01 Apr 2020 16:31

Tgt Ion: 97 Resp: 1012890
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.4
61 45.8 36.1 54.1

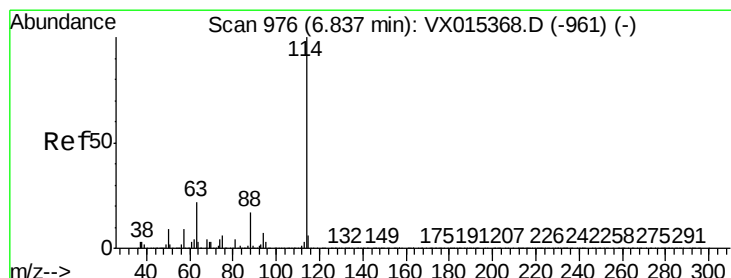
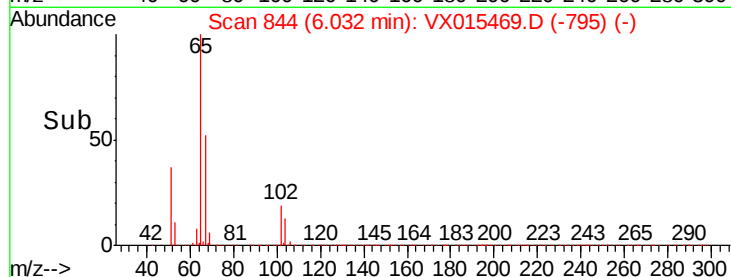
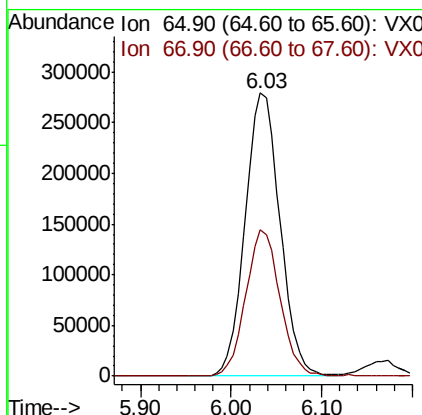
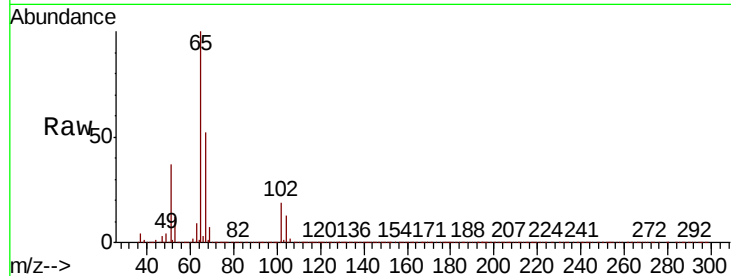




#33
 1,2-Dichloroethane-d4
 Concen: 47.249 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: VX015469.D
 Acq: 01 Apr 2020 16:31

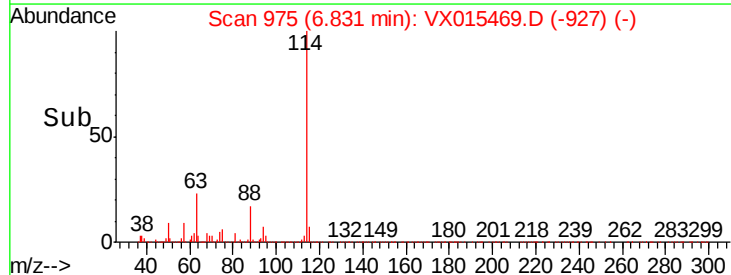
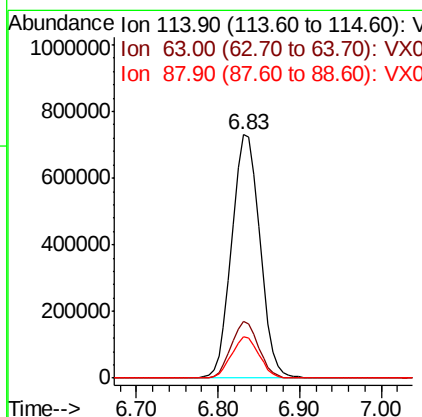
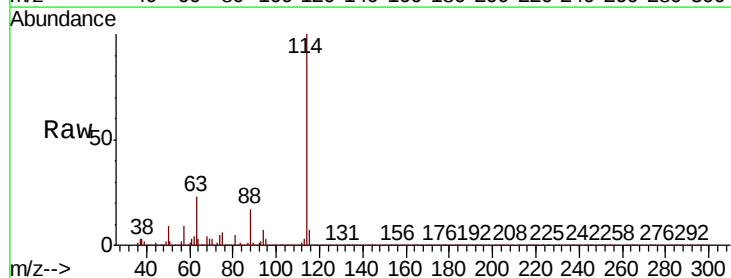
Instrument :
 MSVOA_X
 ClientSampleId :

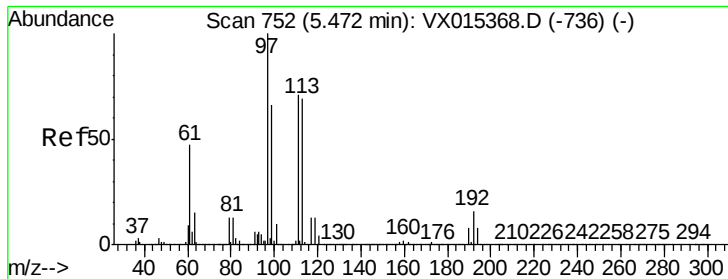
Tot Ion: 65 Resp: 739831
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015469.D
 Acq: 01 Apr 2020 16:31

Tgt Ion: 114 Resp: 1742962
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 44.2
 88 16.9 0.0 33.8

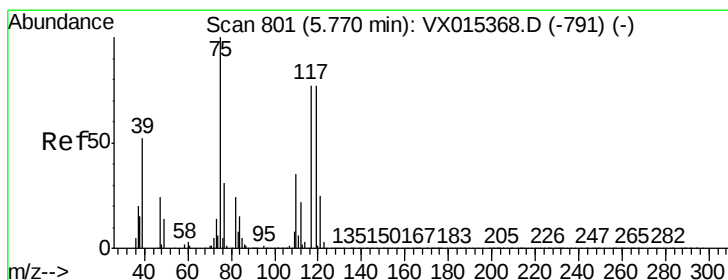
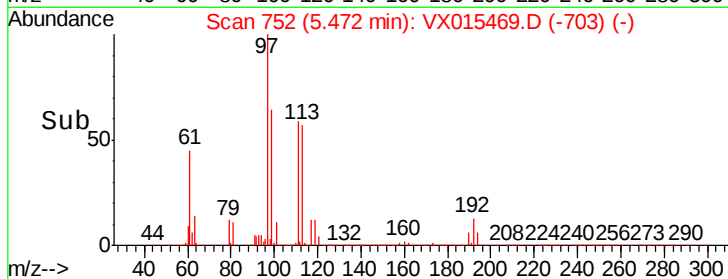
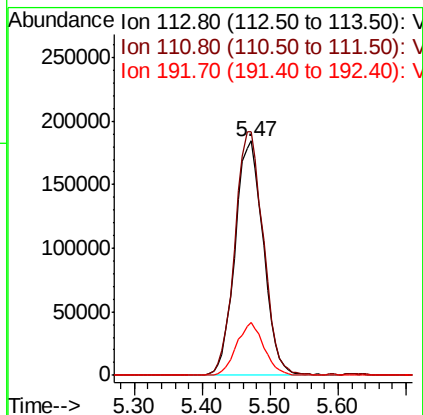
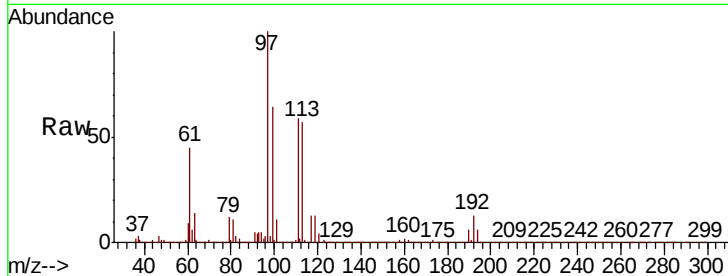




#35
Dibromofluoromethane
Concen: 47.922 ug/l
RT: 5.47 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX015469.D
Acq: 01 Apr 2020 16:31

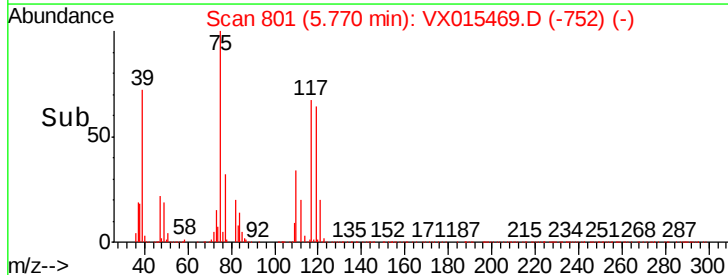
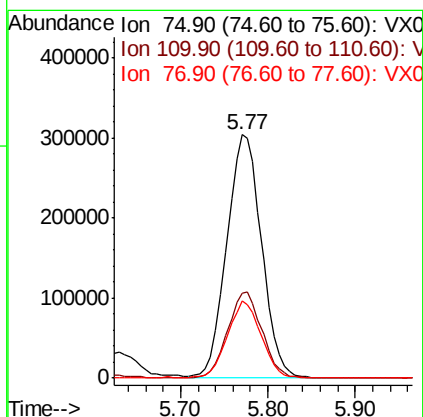
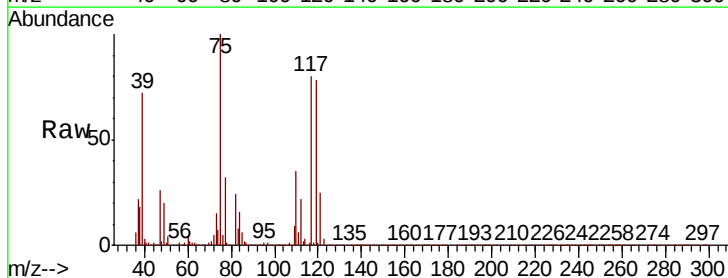
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:113 Resp: 533924
Ion Ratio Lower Upper
113 100
111 104.2 81.5 122.3
192 21.7 17.8 26.6



#36
1,1-Dichloropropene
Concen: 51.995 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX015469.D
Acq: 01 Apr 2020 16:31

Tgt Ion: 75 Resp: 835004
Ion Ratio Lower Upper
75 100
110 34.8 17.1 51.3
77 30.6 24.6 36.8

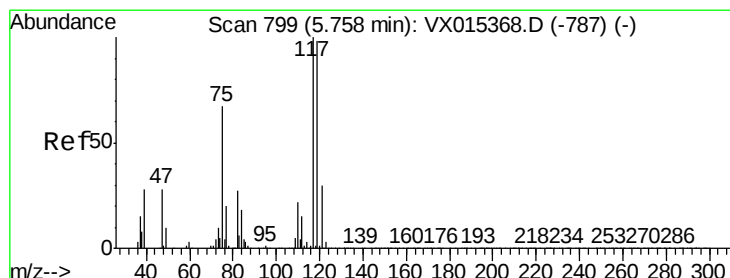
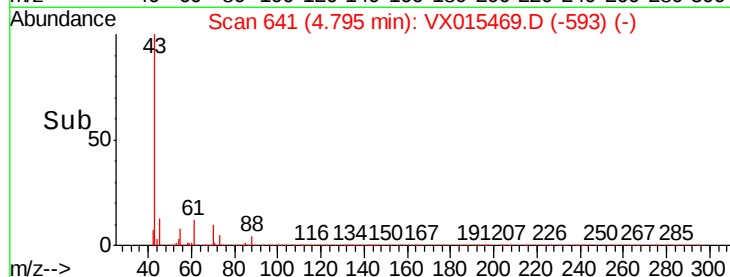
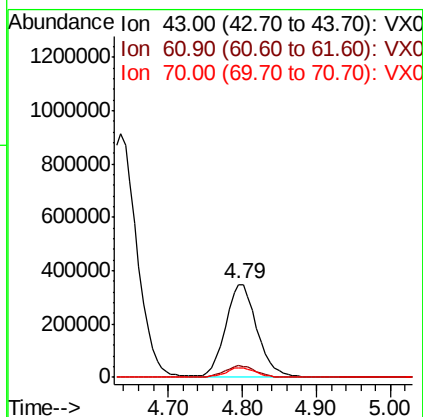
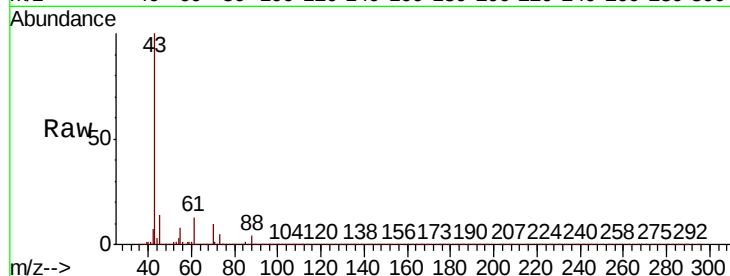




#37
Ethyl Acetate
Concen: 48.964 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015469.D
Acq: 01 Apr 2020 16:31

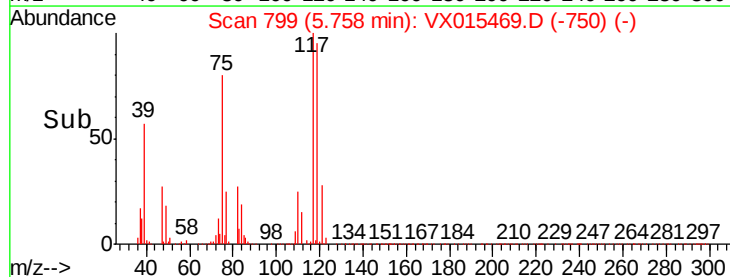
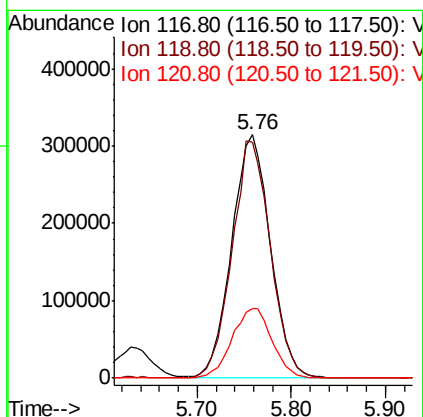
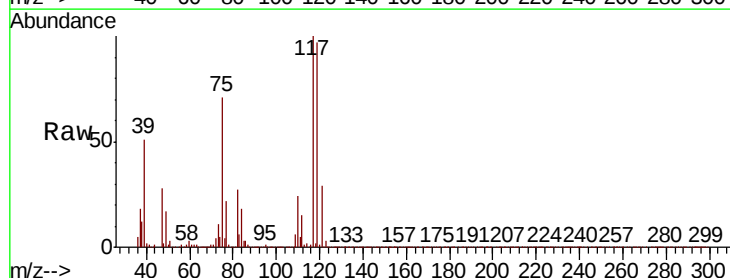
Instrument :
MSVOA_X
ClientSampleId :

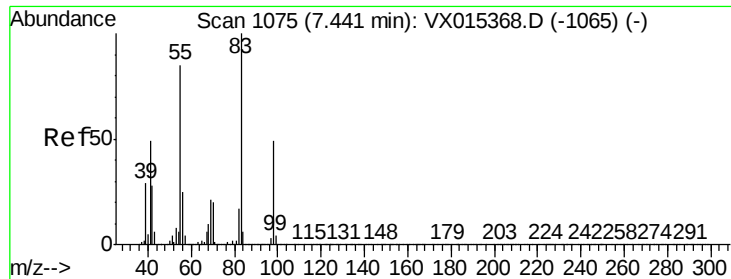
Tot Ion: 43 Resp: 1023874
Ion Ratio Lower Upper
43 100
61 12.2 9.9 14.9
70 10.0 8.1 12.1



#38
Carbon Tetrachloride
Concen: 51.779 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015469.D
Acq: 01 Apr 2020 16:31

Tgt Ion: 117 Resp: 900649
Ion Ratio Lower Upper
117 100
119 96.6 78.0 117.0
121 28.5 23.8 35.8



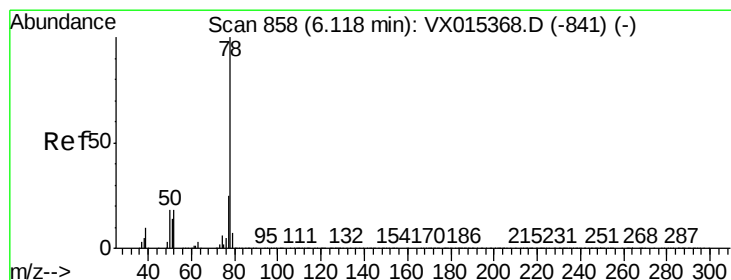
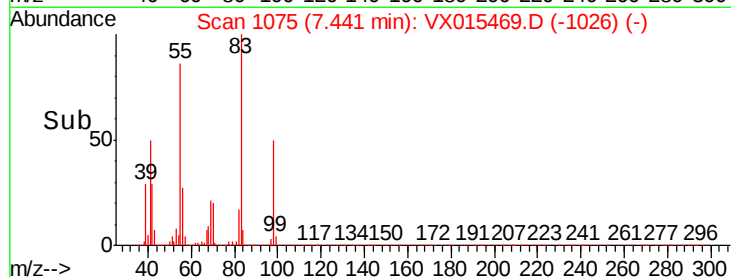
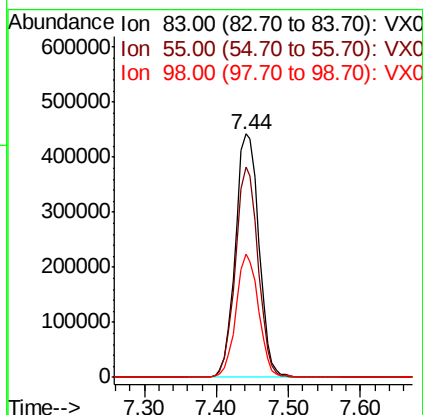
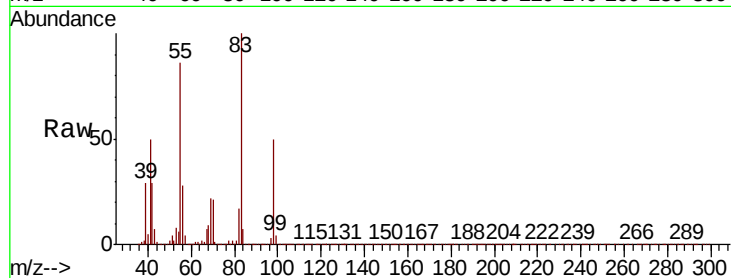


#39
Methvlcvclohexane
Concen: 54.295 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015469.D
Acq: 01 Apr 2020 16:31

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 1005357

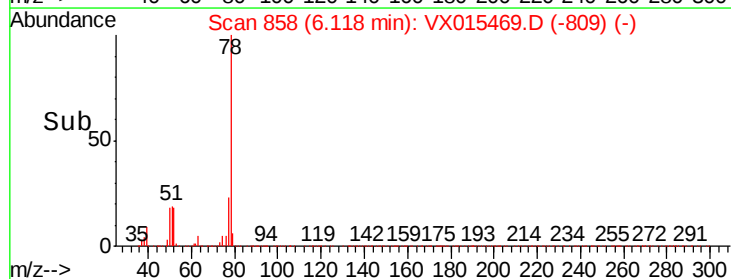
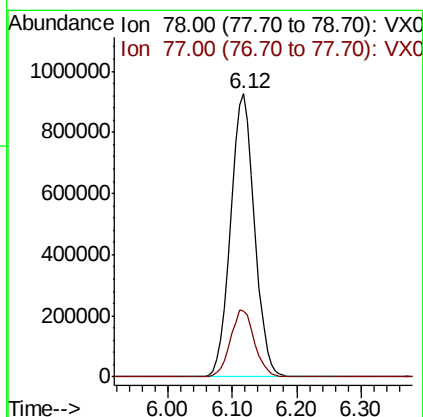
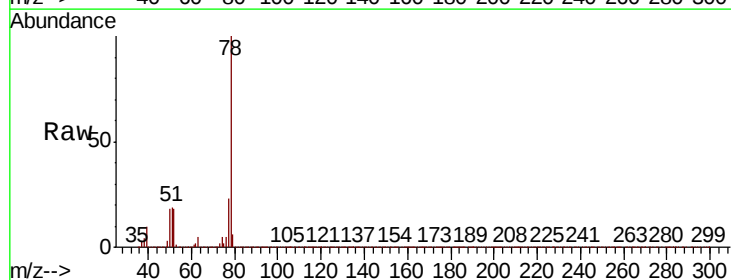
Ion	Ratio	Lower	Upper
83	100		
55	86.1	67.8	101.6
98	50.4	39.3	58.9

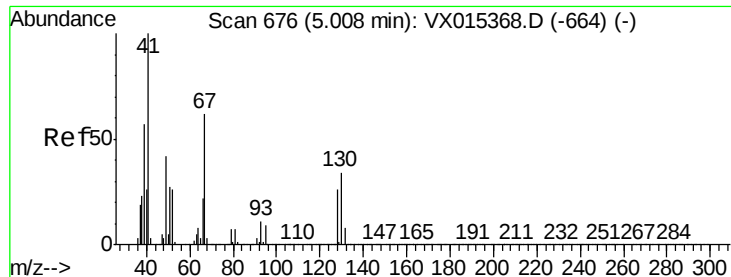


#40
Benzene
Concen: 51.151 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015469.D
Acq: 01 Apr 2020 16:31

Tgt Ion: 78 Resp: 2406262

Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.8	29.8

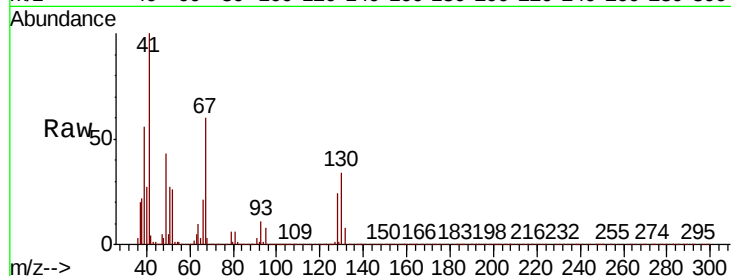




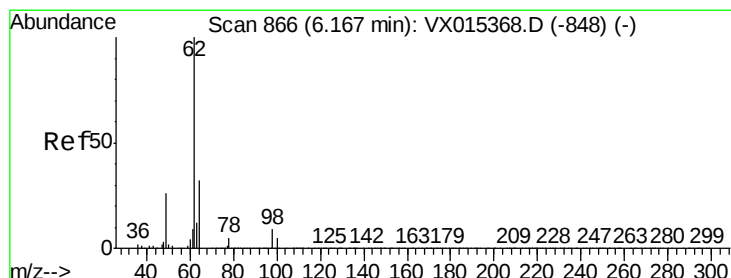
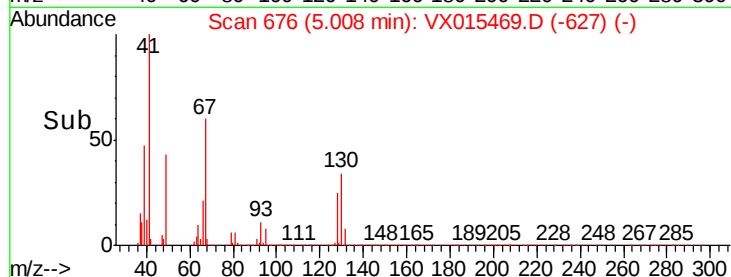
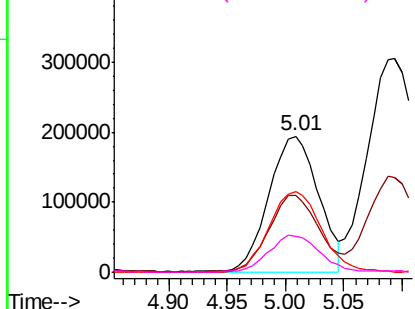
#41
Methacrylonitrile
Concen: 49.304 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015469.D
Acq: 01 Apr 2020 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	572309
Ion	Ratio	Lower	Upper
41	100		
39	57.8	44.5	66.7
67	62.1	48.9	73.3
52	27.6	21.8	32.6

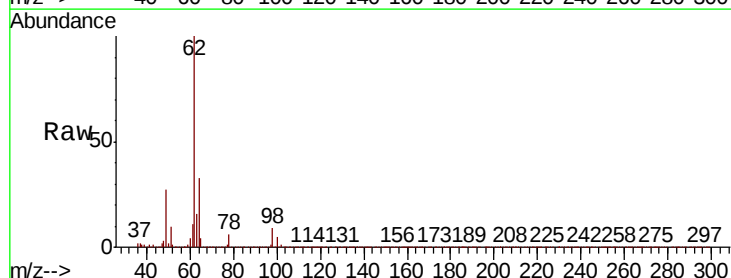


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

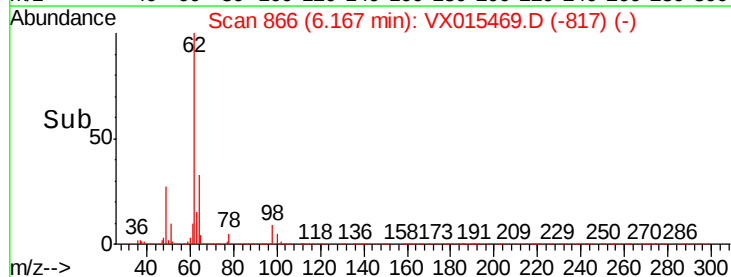
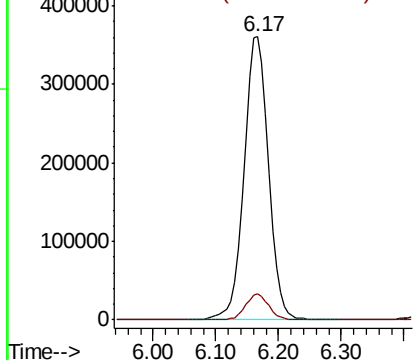


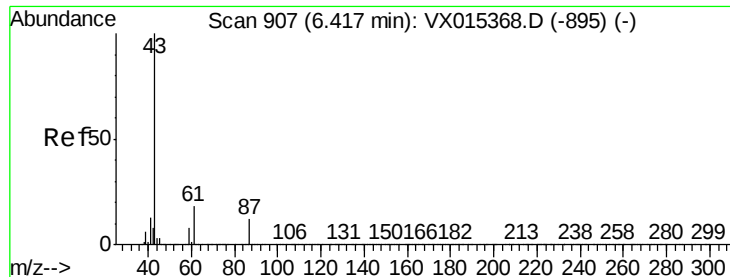
#42
1,2-Dichloroethane
Concen: 51.546 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015469.D
Acq: 01 Apr 2020 16:31

Tgt Ion:	62	Resp:	974019
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



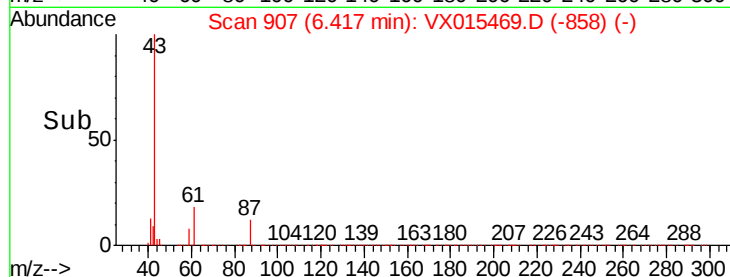
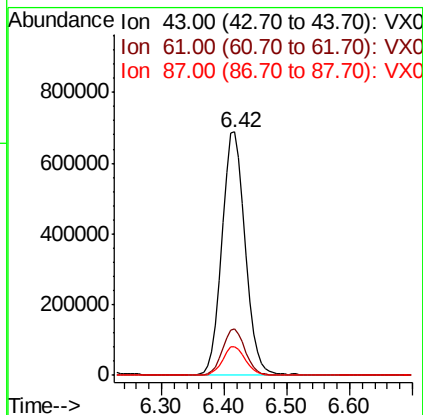
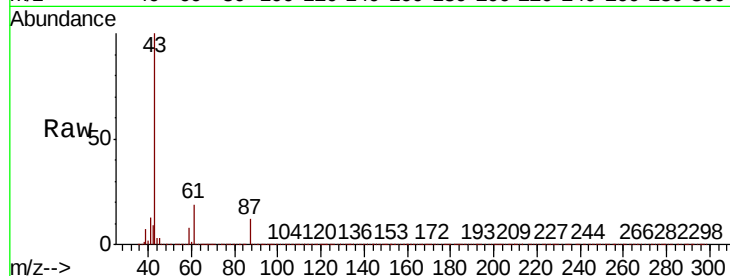


#43

Isopropyl Acetate
 Concen: 49.667 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: VX015469.D
 Acq: 01 Apr 2020 16:31

Instrument :
 MSVOA_X
 ClientSampleId :

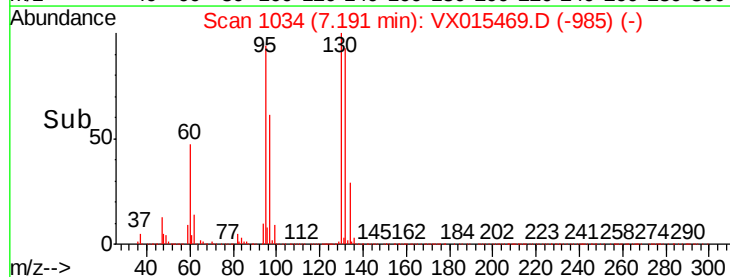
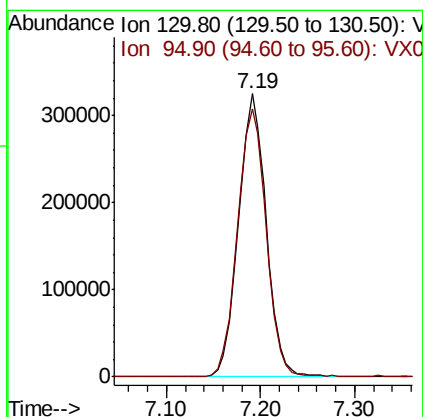
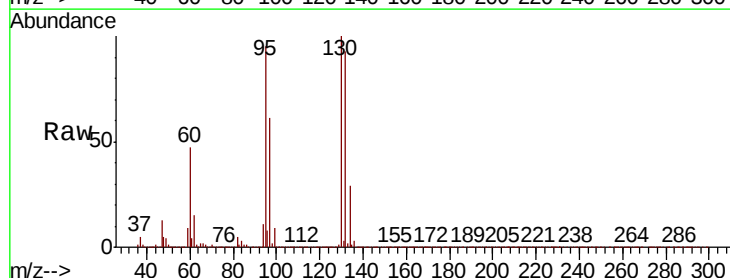
Tot Ion: 43 Resp: 1753218
 Ion Ratio Lower Upper
 43 100
 61 18.6 14.8 22.2
 87 11.5 9.4 14.0

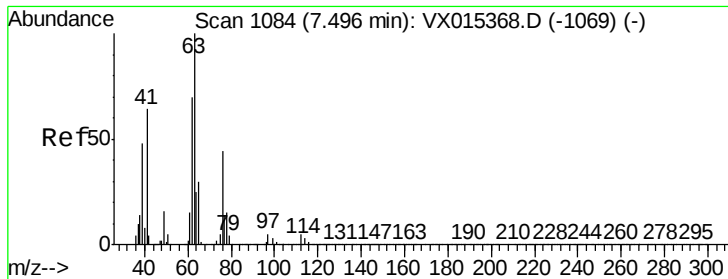


#44

Trichloroethene
 Concen: 51.828 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VX015469.D
 Acq: 01 Apr 2020 16:31

Tgt Ion: 130 Resp: 664934
 Ion Ratio Lower Upper
 130 100
 95 94.5 0.0 199.0





#45

1,2-Dichloropropane

Concen: 50.799 ug/l

RT: 7.49 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

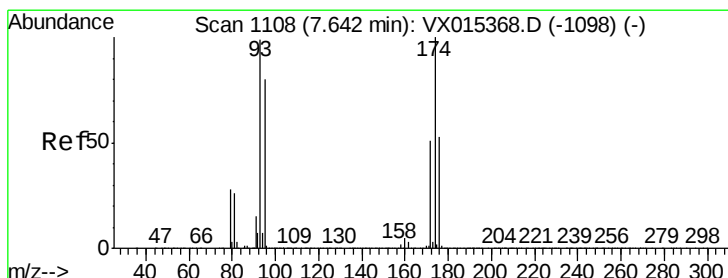
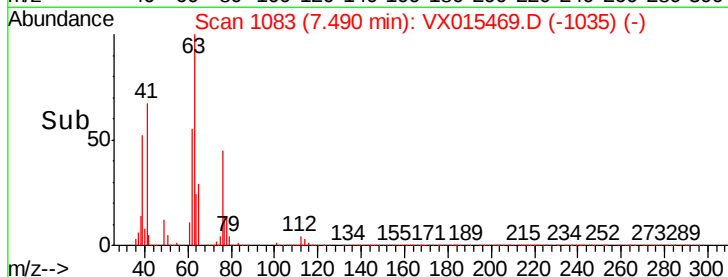
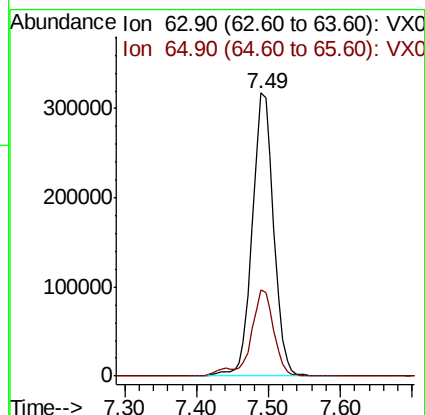
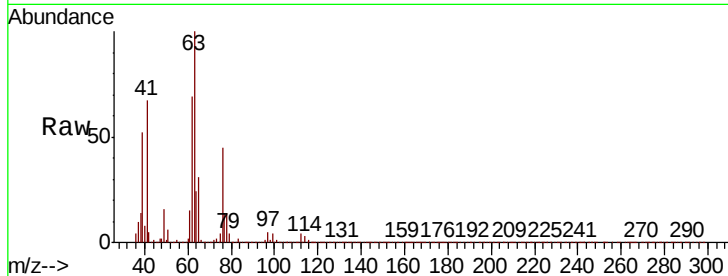
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 63 Resp: 653735

Ion Ratio Lower Upper

63 100

65 30.5 23.9 35.9



#46

Dibromomethane

Concen: 50.221 ug/l

RT: 7.64 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

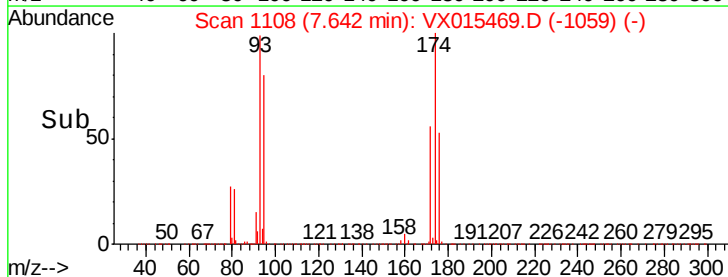
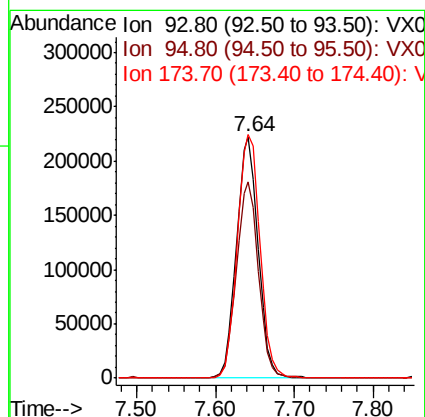
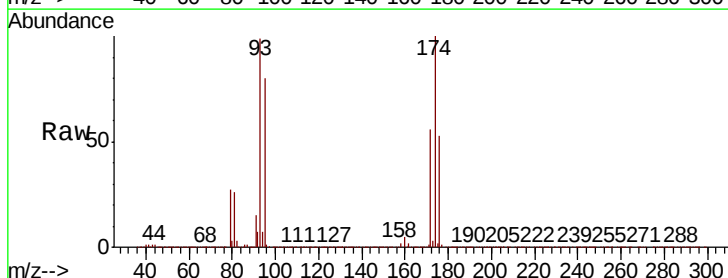
Tgt Ion: 93 Resp: 423957

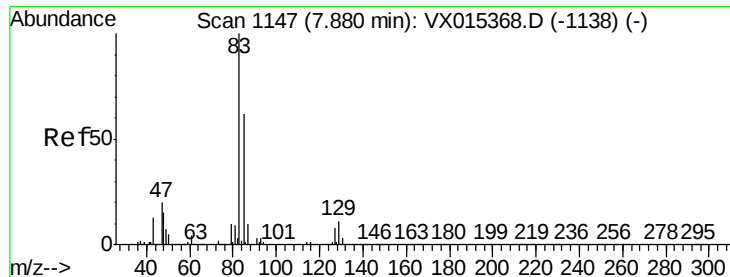
Ion Ratio Lower Upper

93 100

95 83.2 65.8 98.8

174 106.1 86.2 129.2





#47

Bromodichloromethane

Concen: 51.020 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

Instrument :
MSVOA_X
ClientSampleId :

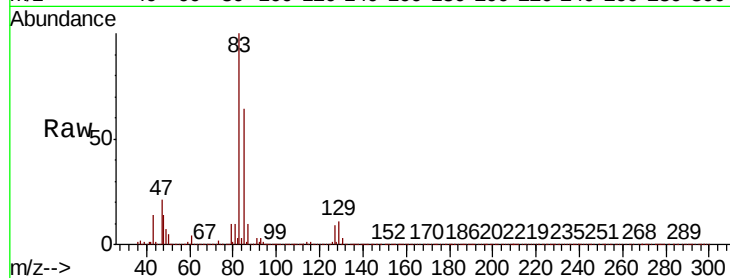
Tot Ion: 83 Resp: 917735

Ion Ratio Lower Upper

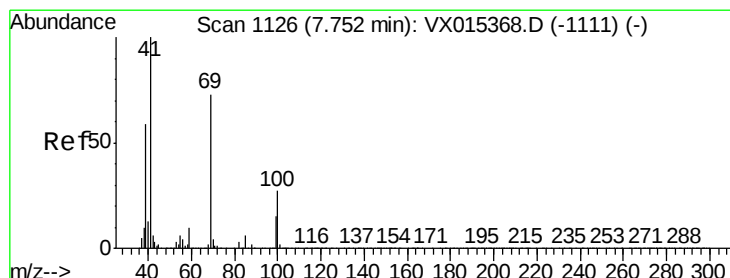
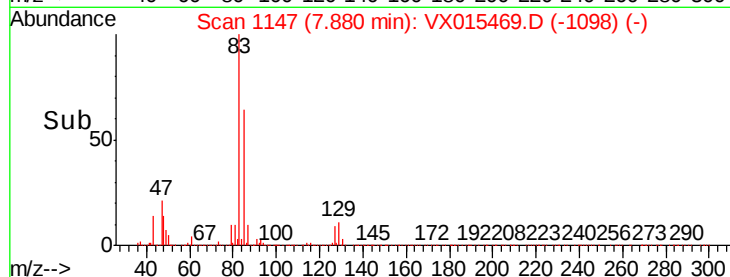
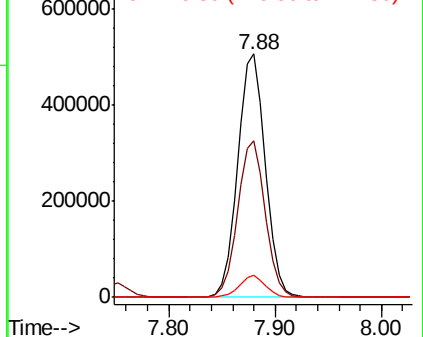
83 100

85 64.3 49.7 74.5

127 9.0 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: 49.849 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

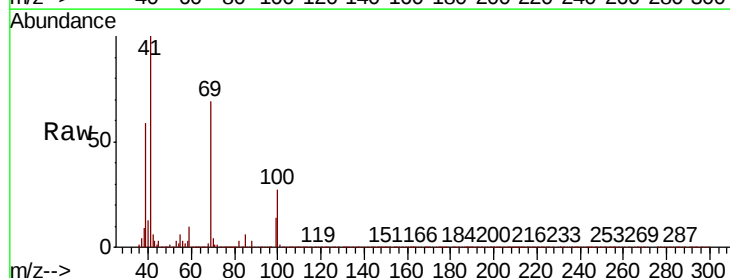
Tgt Ion: 41 Resp: 878910

Ion Ratio Lower Upper

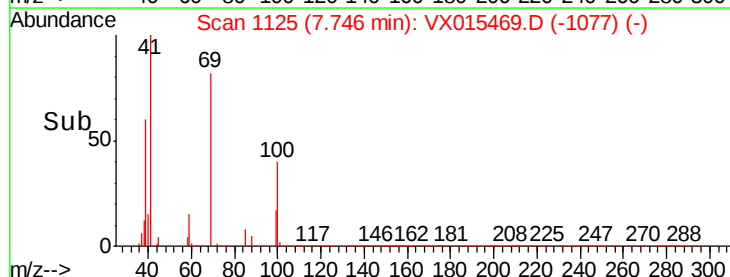
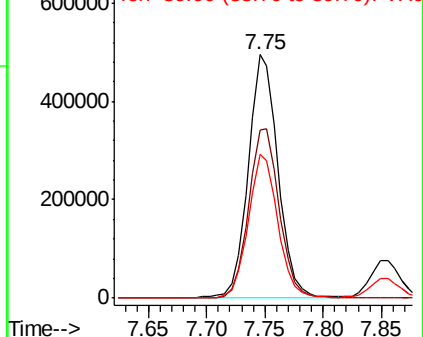
41 100

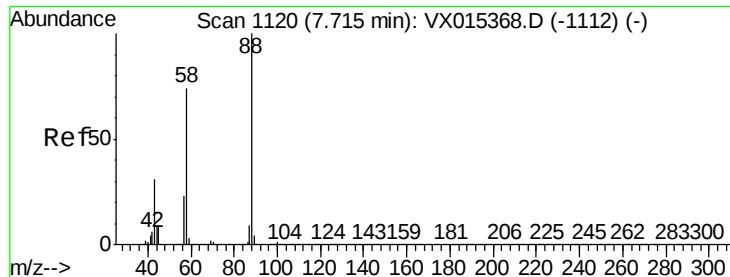
69 72.1 56.7 85.1

39 58.6 46.5 69.7



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: 823.775 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

Instrument :
MSVOA_X
ClientSampleId :

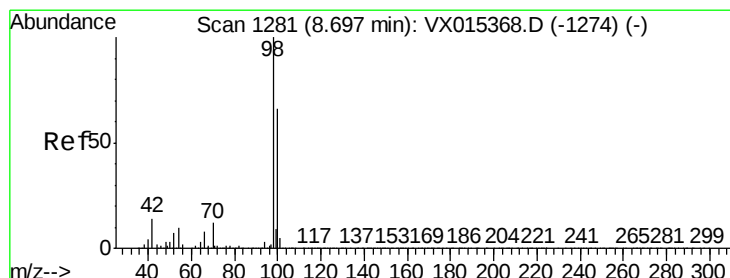
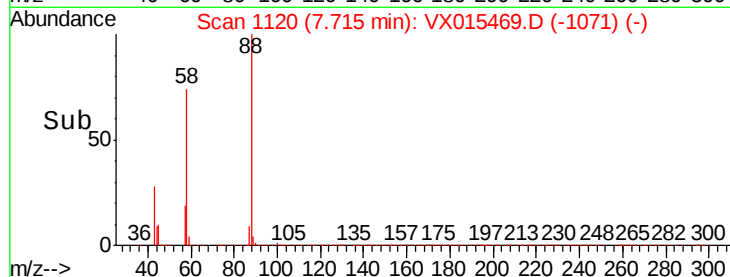
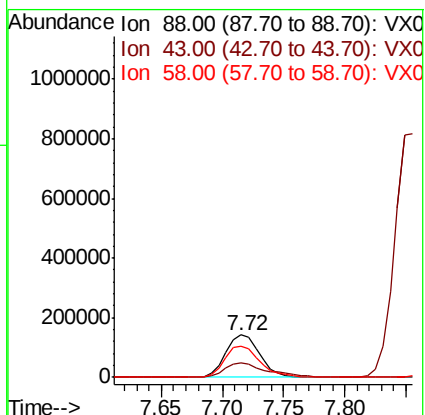
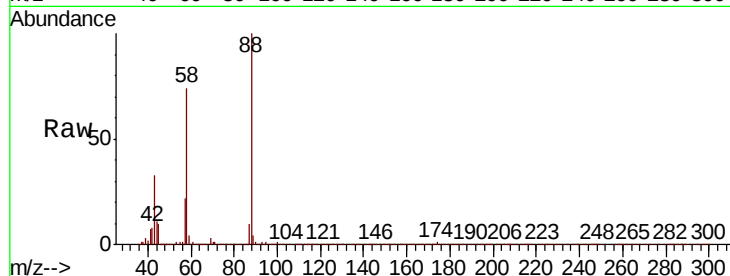
Tot Ion: 88 Resp: 270953

Ion Ratio Lower Upper

88 100

43 40.7 30.1 45.1

58 77.9 60.6 90.8



#50

Toluene-d8

Concen: 48.474 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015469.D

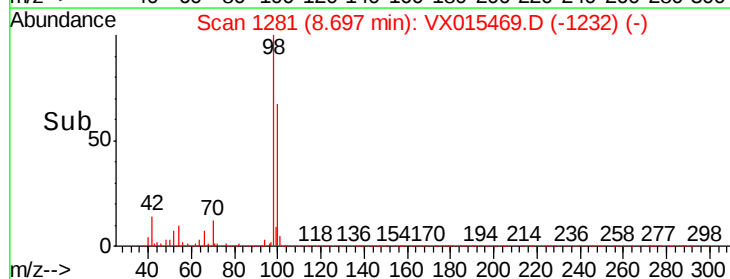
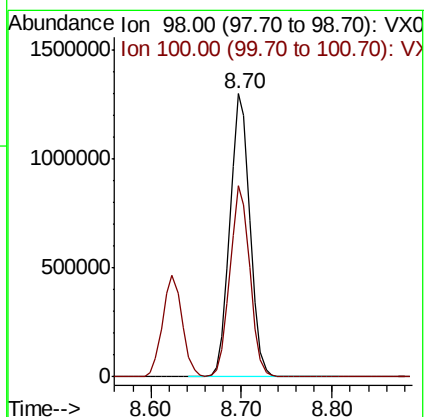
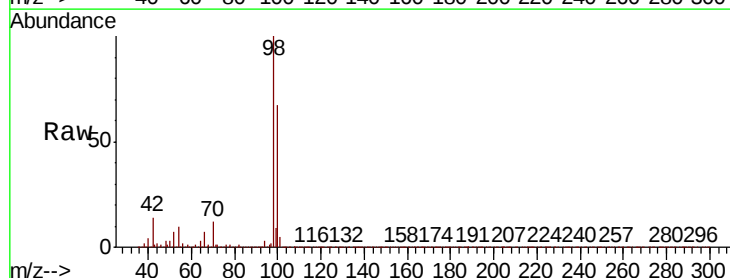
Acq: 01 Apr 2020 16:31

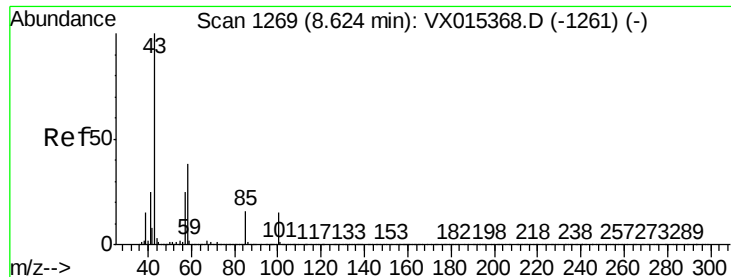
Tgt Ion: 98 Resp: 1988409

Ion Ratio Lower Upper

98 100

100 67.1 53.5 80.3





#51

4-Methyl-2-Pentanone

Concen: 250.439 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

Instrument :

MSVOA_X

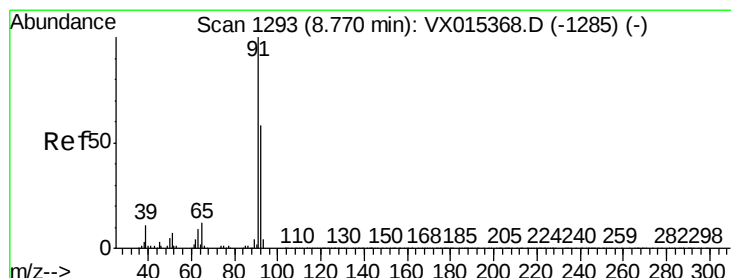
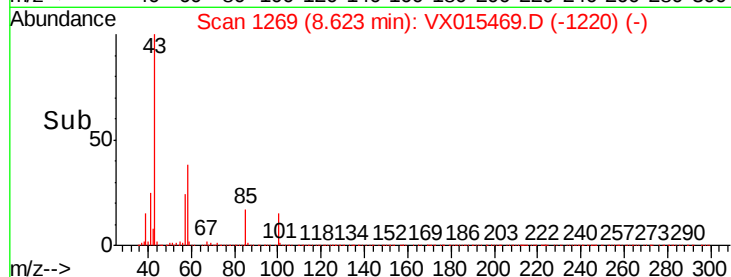
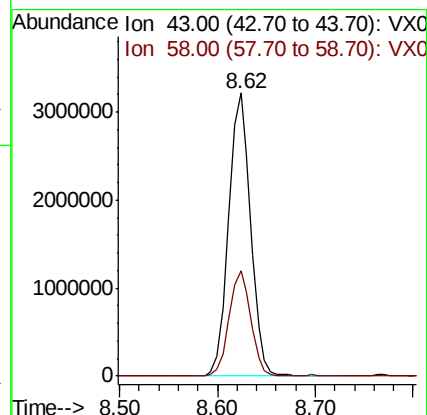
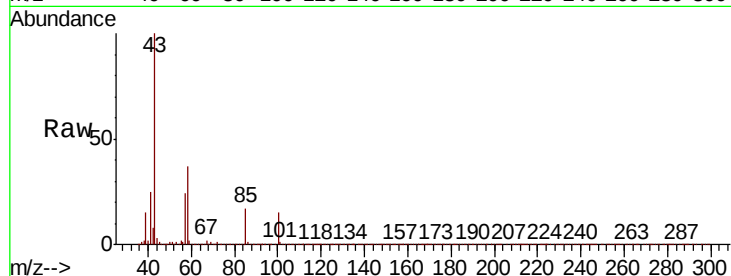
ClientSampleId :

Tot Ion: 43 Resp: 5009970

Ion Ratio Lower Upper

43 100

58 36.8 29.7 44.5



#52

Toluene

Concen: 51.530 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015469.D

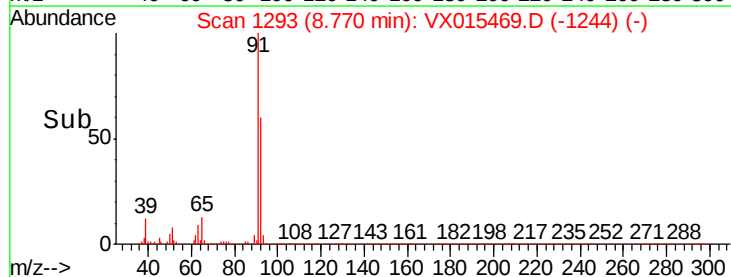
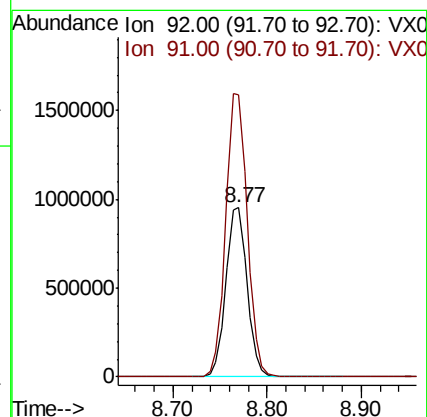
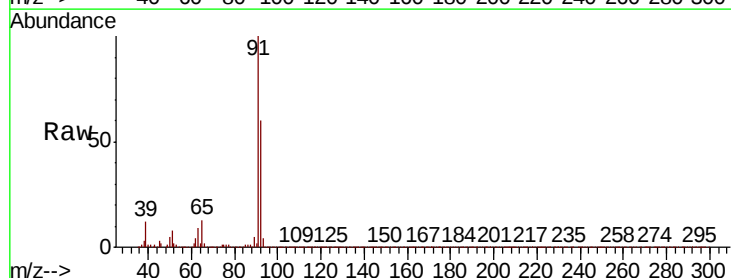
Acq: 01 Apr 2020 16:31

Tgt Ion: 92 Resp: 1494513

Ion Ratio Lower Upper

92 100

91 169.5 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 50.329 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

Instrument :

MSVOA_X

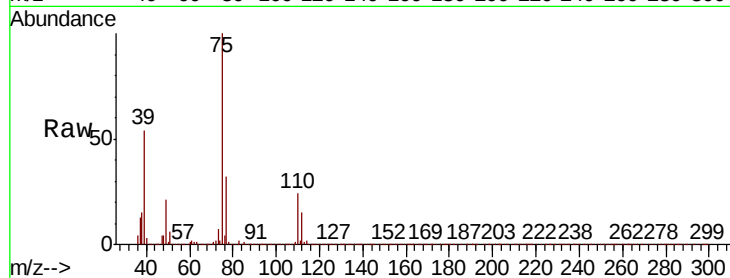
ClientSampled :

Tot Ion: 75 Resp: 1061756

Ion Ratio Lower Upper

75 100

77 31.6 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

800000

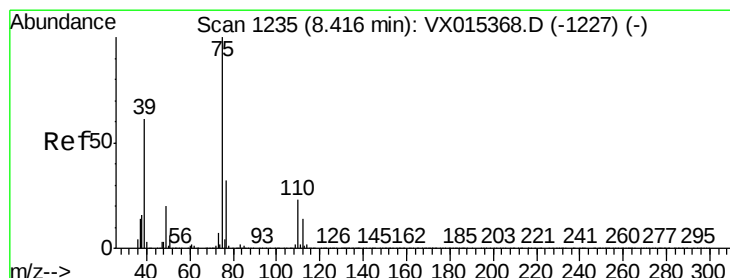
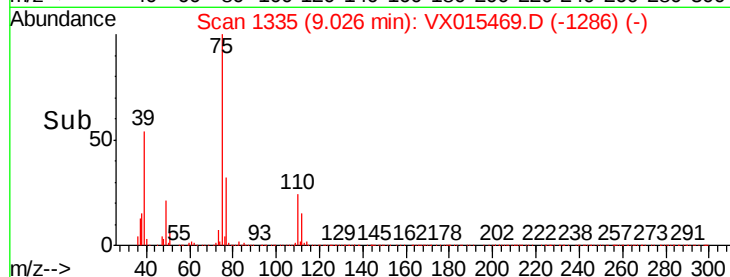
600000

400000

200000

0

Time--> 8.90 9.00 9.10 9.20



#54

cis-1,3-Dichloropropene

Concen: 51.772 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

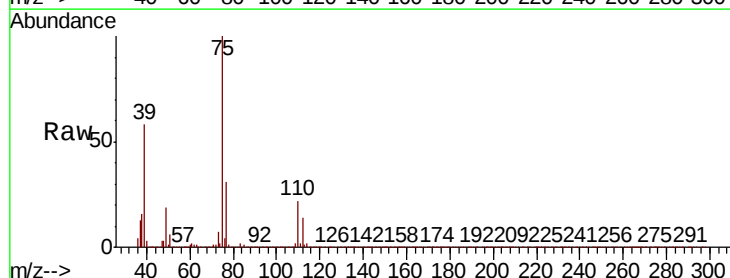
Tgt Ion: 75 Resp: 1112573

Ion Ratio Lower Upper

75 100

77 31.0 25.8 38.6

39 58.3 49.0 73.4



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

8.42

1000000

800000

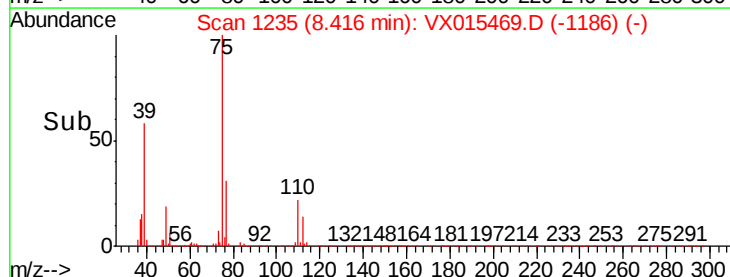
600000

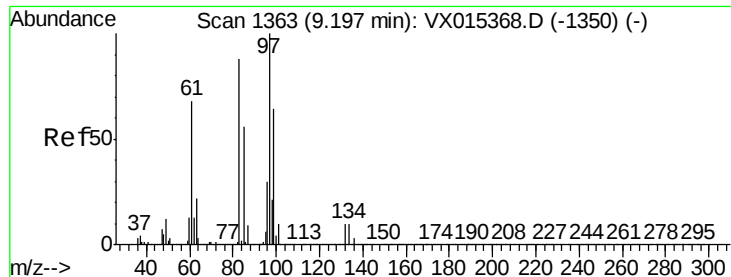
400000

200000

0

Time--> 8.30 8.40 8.50

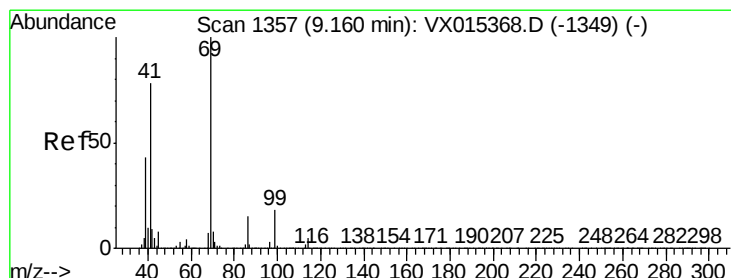
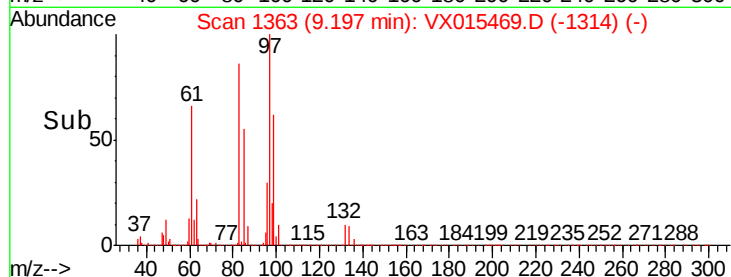
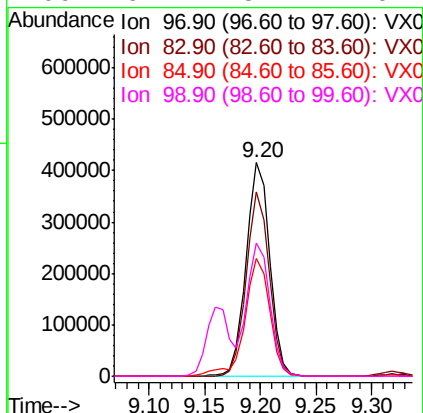
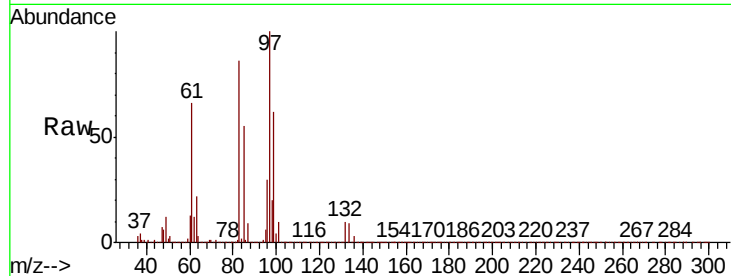




#55
 1,1,2-Trichloroethane
 Concen: 51.922 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VX015469.D
 Acq: 01 Apr 2020 16:31

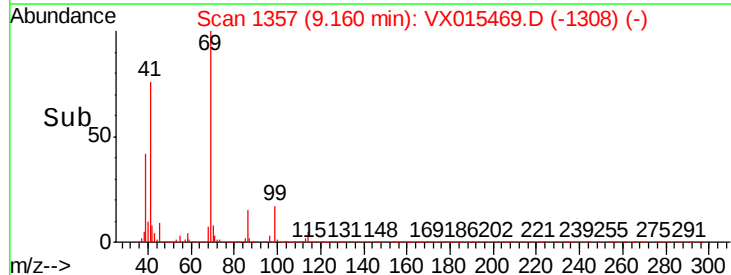
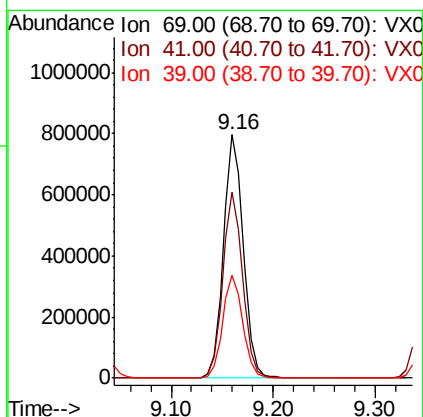
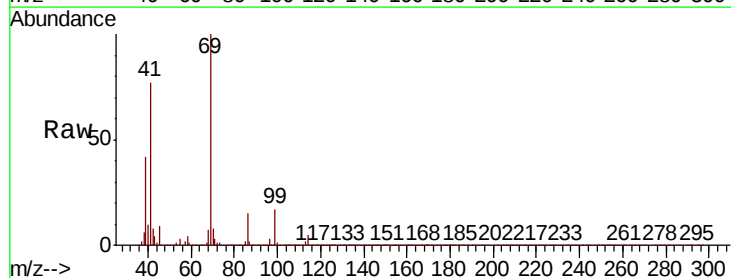
Instrument :
 MSVOA_X
 ClientSampleId :

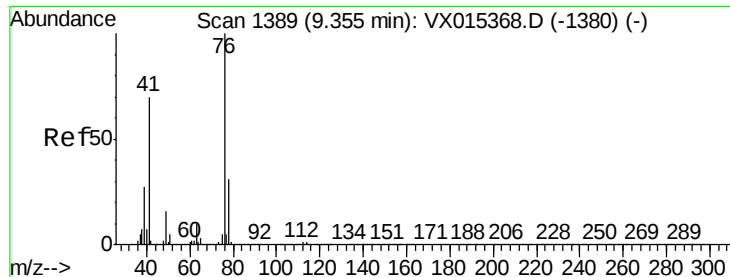
Tot Ion:	97	Resp:	616968
Ion	Ratio	Lower	Upper
97	100		
83	86.2	70.2	105.4
85	54.9	44.7	67.1
99	62.1	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 51.300 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: VX015469.D
 Acq: 01 Apr 2020 16:31

Tgt Ion:	69	Resp:	1074302
Ion	Ratio	Lower	Upper
69	100		
41	76.0	61.6	92.4
39	42.5	34.0	51.0





#57

1,3-Dichloropropane

Concen: 50.147 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

Instrument :

MSVOA_X

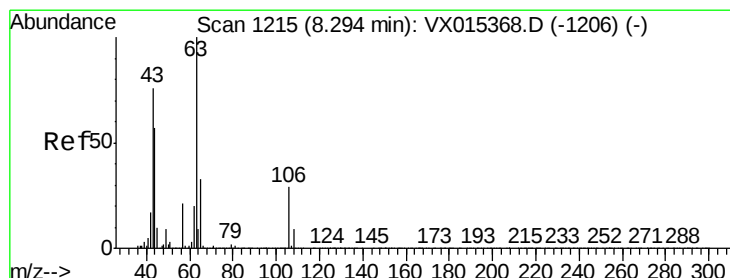
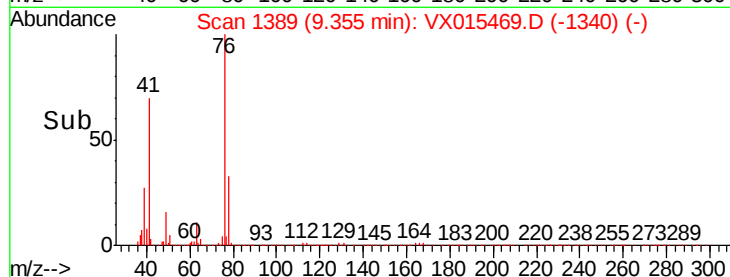
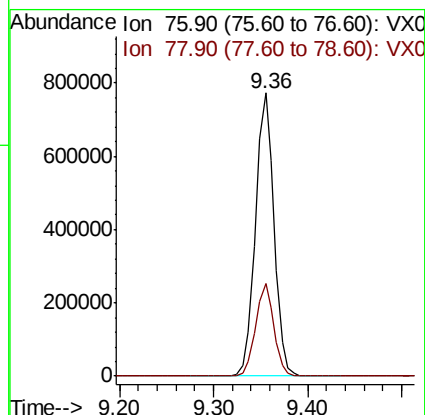
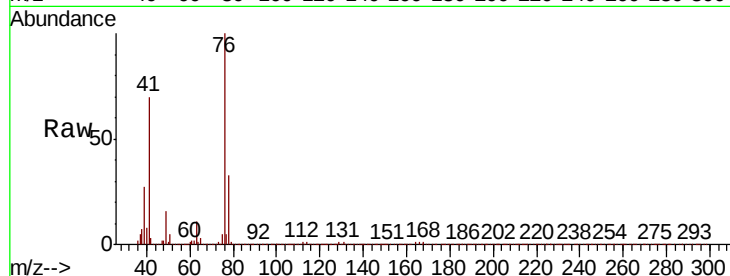
ClientSampled :

Tot Ion: 76 Resp: 1073578

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 252.977 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. -0.00 min

Lab File: VX015469.D

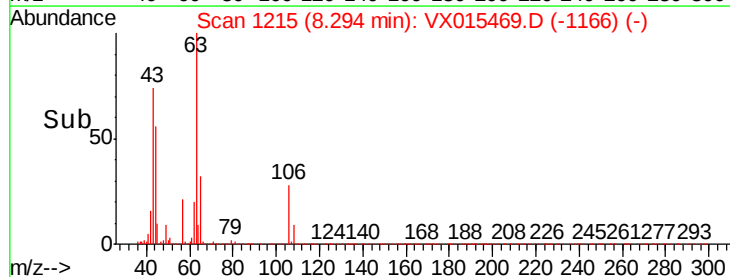
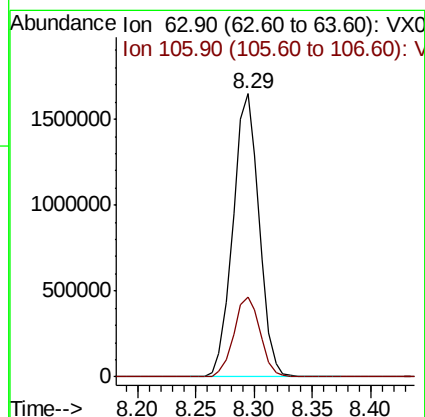
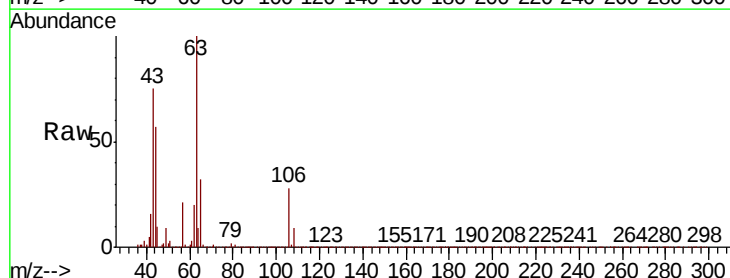
Acq: 01 Apr 2020 16:31

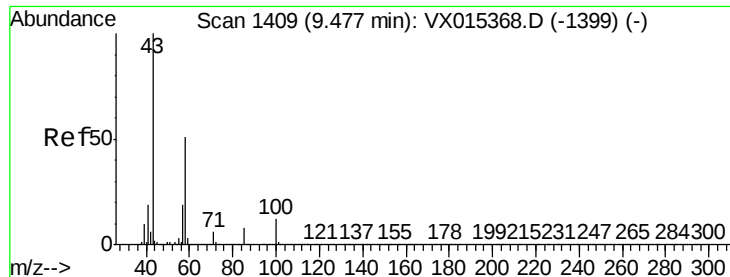
Tgt Ion: 63 Resp: 2576848

Ion Ratio Lower Upper

63 100

106 28.4 22.7 34.1

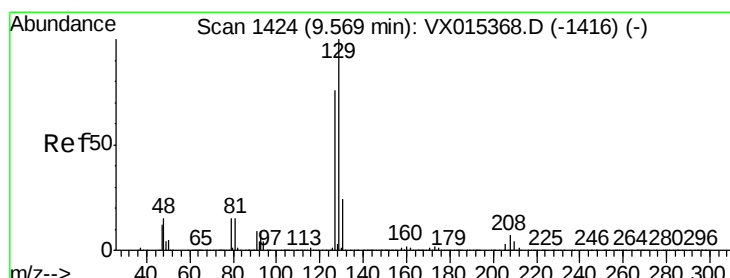
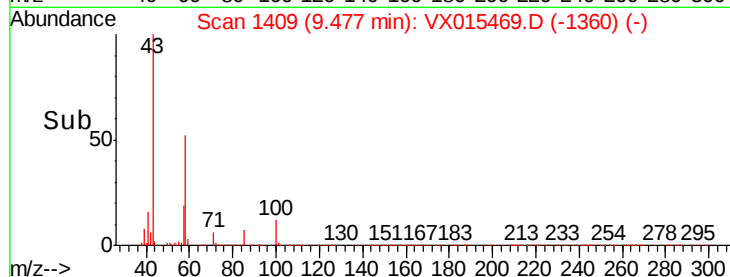
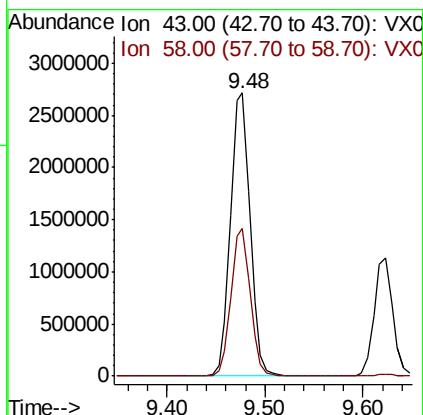
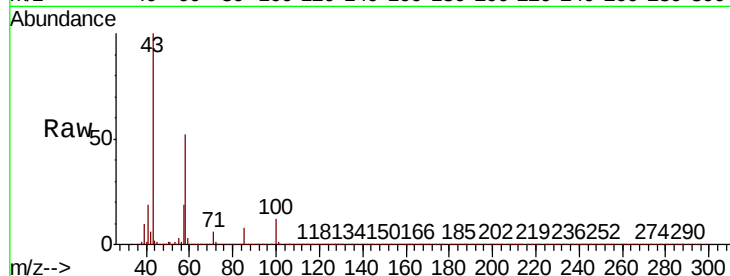




#59
2-Hexanone
Concen: 250.463 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VX015469.D
Acq: 01 Apr 2020 16:31

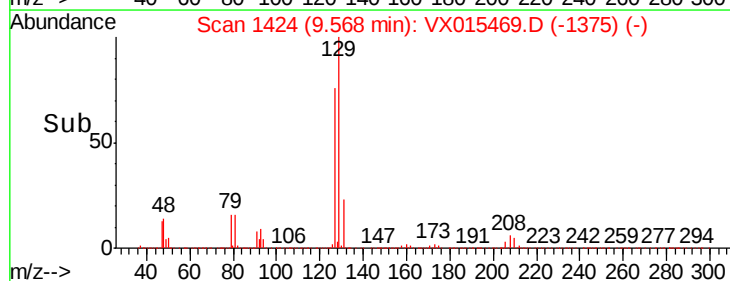
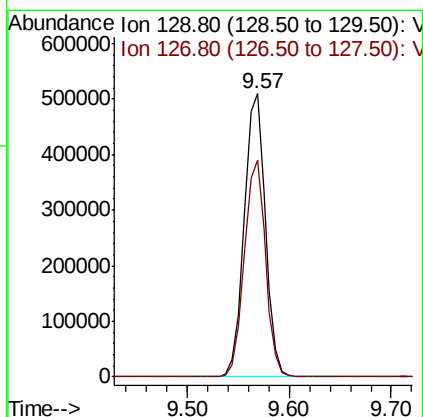
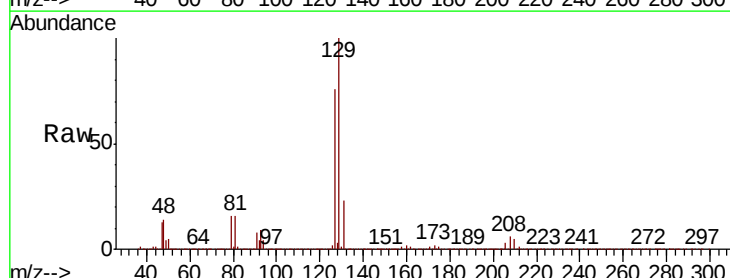
Instrument :
MSVOA_X
ClientSampleId :

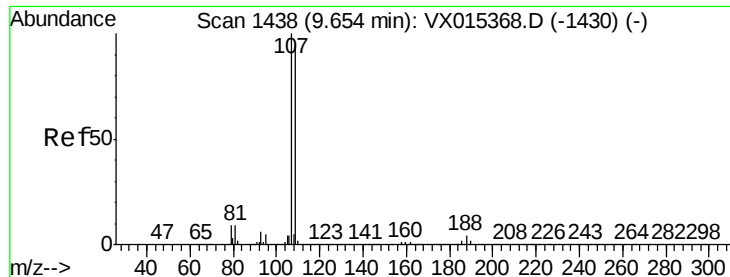
Tot Ion: 43 Resp: 3782793
Ion Ratio Lower Upper
43 100
58 51.2 25.6 76.6



#60
Dibromochloromethane
Concen: 51.059 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015469.D
Acq: 01 Apr 2020 16:31

Tgt Ion: 129 Resp: 729056
Ion Ratio Lower Upper
129 100
127 76.9 38.2 114.6





#61

1,2-Dibromoethane

Concen: 50.765 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

Instrument :

MSVOA_X

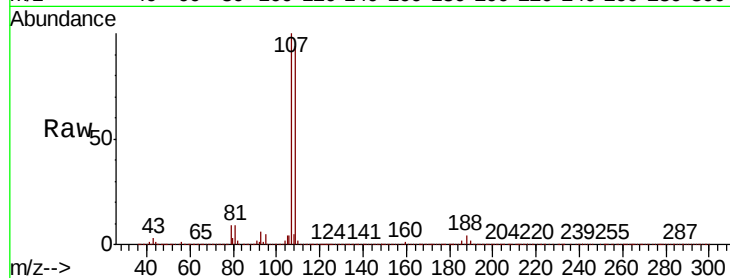
ClientSampled :

Tot Ion: 107 Resp: 655903

Ion Ratio Lower Upper

107 100

109 92.2 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

500000

400000

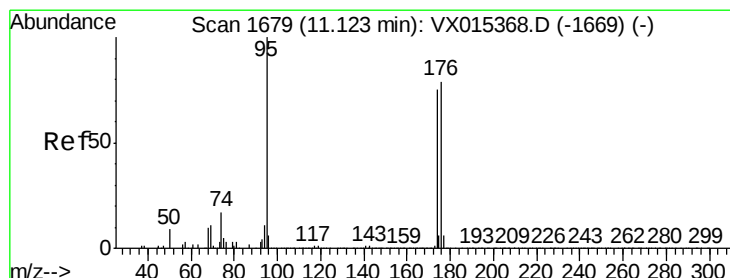
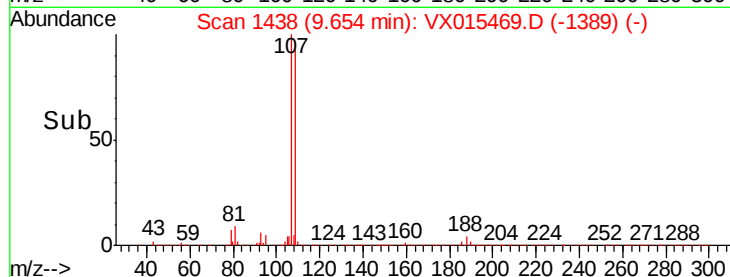
300000

200000

100000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 48.721 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

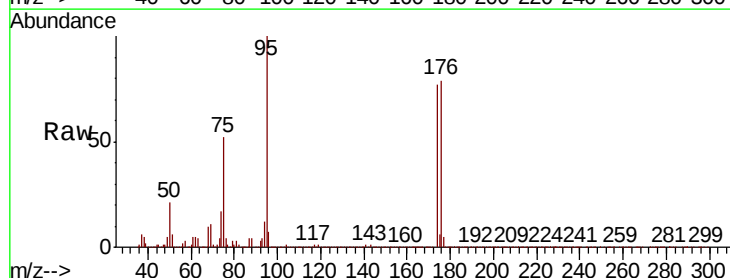
Tgt Ion: 95 Resp: 812212

Ion Ratio Lower Upper

95 100

174 79.8 0.0 158.6

176 76.9 0.0 159.0



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

800000

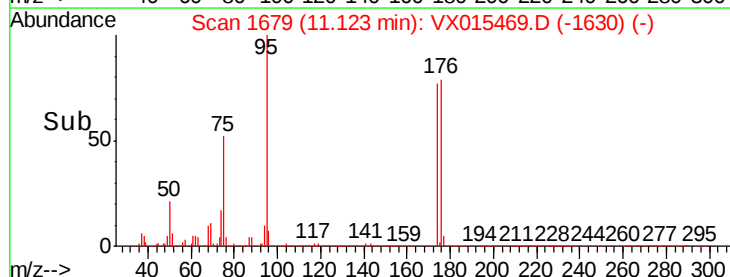
600000

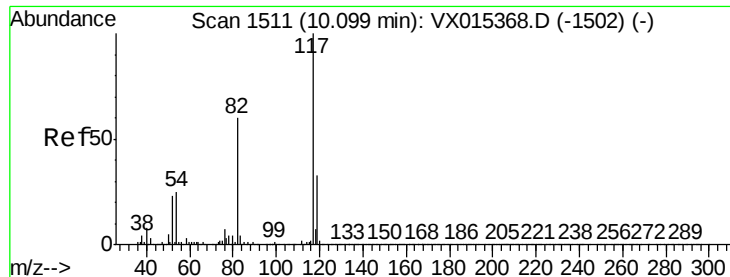
400000

200000

0

Time--> 11.00 11.10 11.20

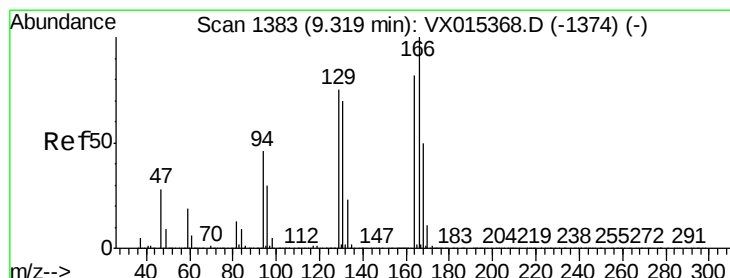
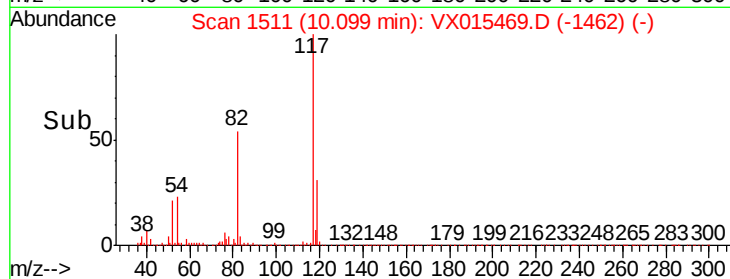
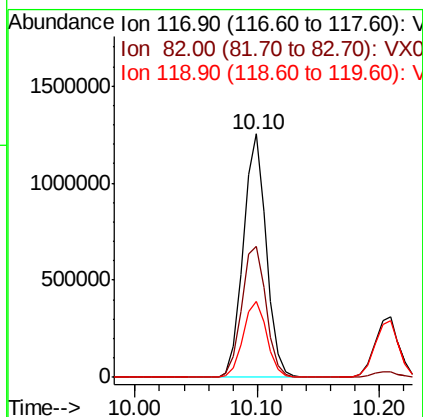
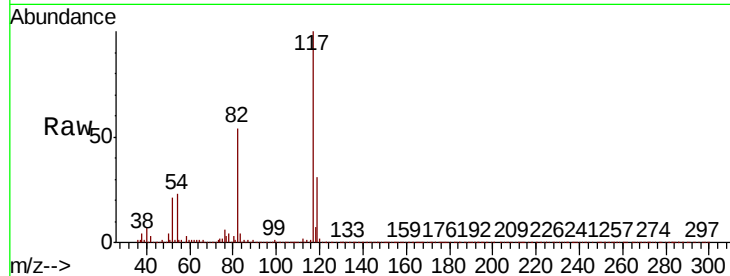




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015469.D
Acq: 01 Apr 2020 16:31

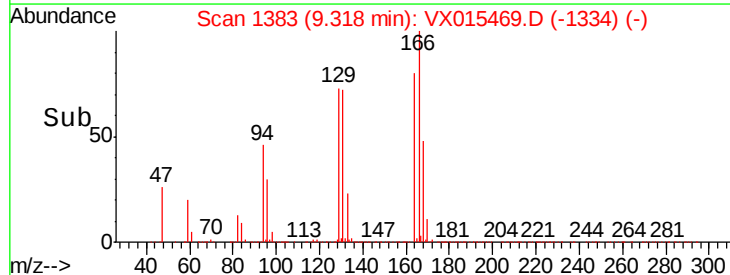
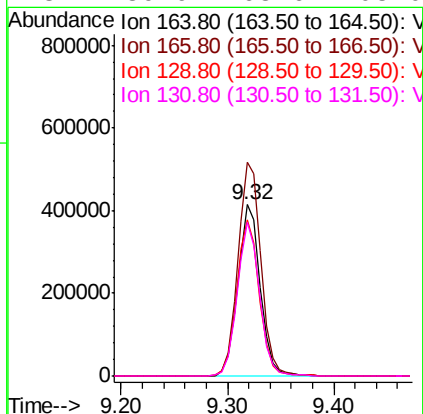
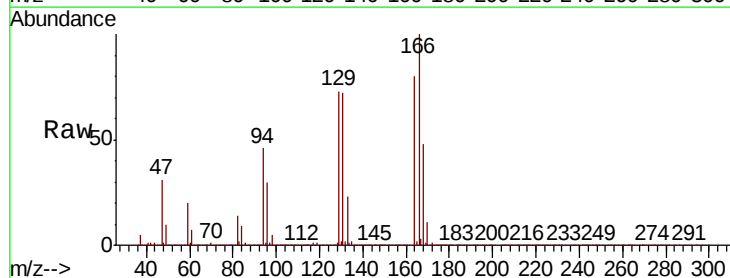
Instrument :
MSVOA_X
ClientSampleId :

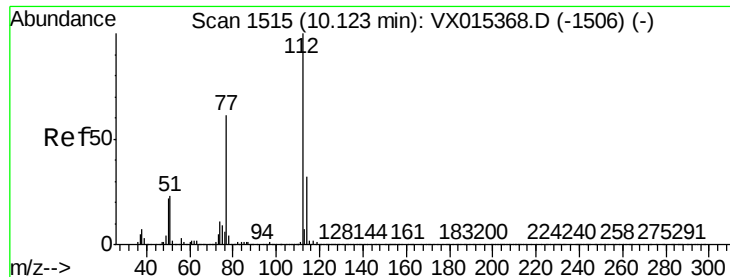
Tot Ion:117 Resp: 1616959
Ion Ratio Lower Upper
117 100
82 53.8 47.8 71.8
119 31.1 26.8 40.2



#64
Tetrachloroethene
Concen: 50.165 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015469.D
Acq: 01 Apr 2020 16:31

Tgt Ion:164 Resp: 612158
Ion Ratio Lower Upper
164 100
166 124.8 97.8 146.6
129 91.1 73.0 109.4
131 89.9 68.6 103.0





#65

Chlorobenzene

Concen: 50.893 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

Instrument :

MSVOA_X

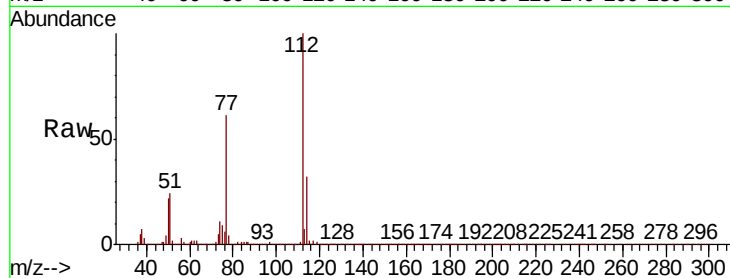
ClientSampled :

Tot Ion:112 Resp: 1641146

Ion Ratio Lower Upper

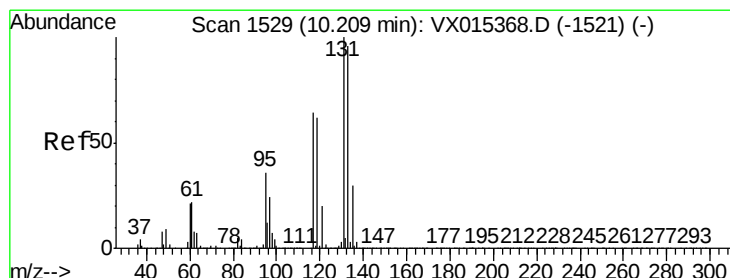
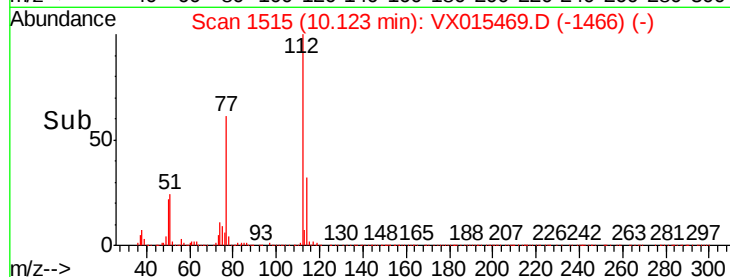
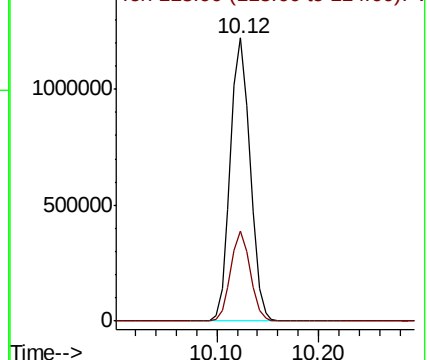
112 100

114 31.9 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.661 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. -0.00 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

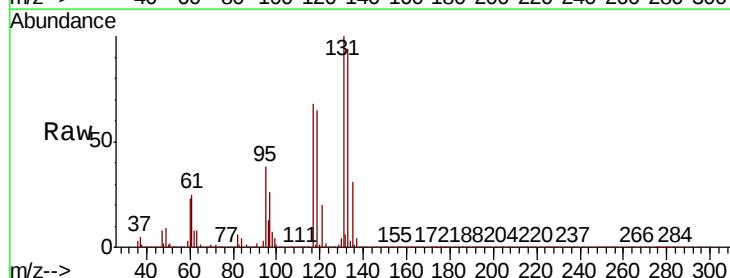
Tgt Ion:131 Resp: 639777

Ion Ratio Lower Upper

131 100

133 94.8 47.6 142.9

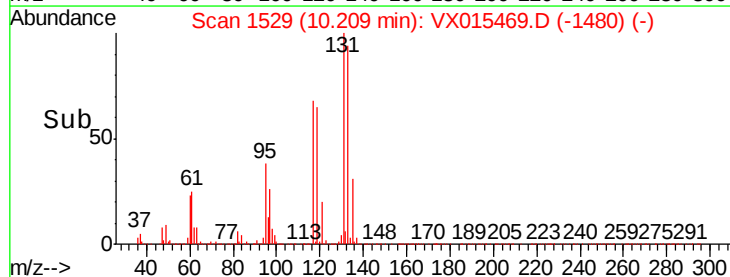
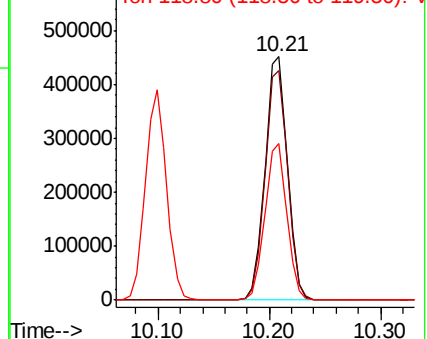
119 62.8 31.1 93.3

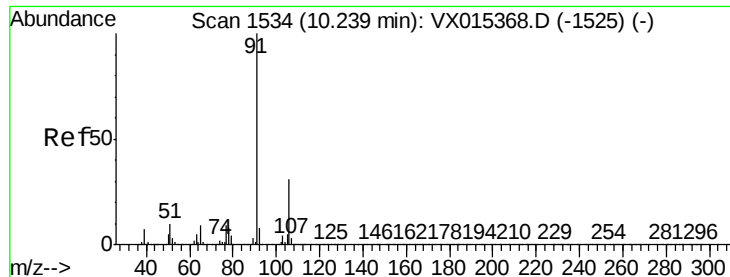


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 51.538 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

Instrument :

MSVOA_X

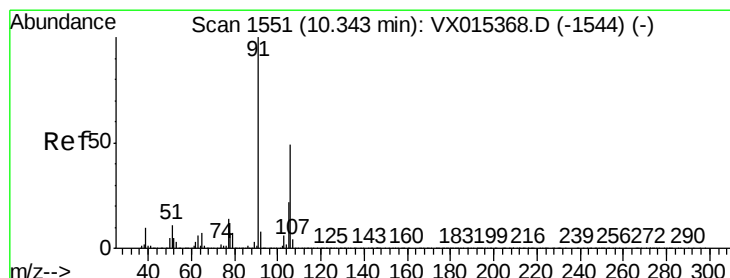
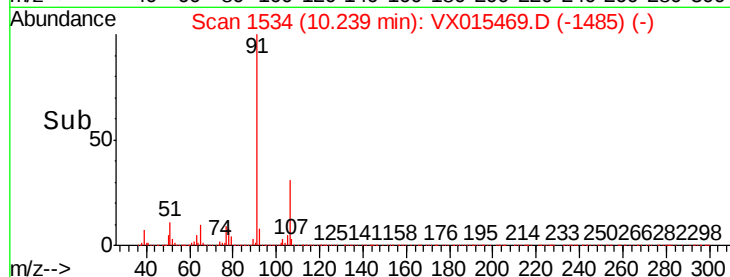
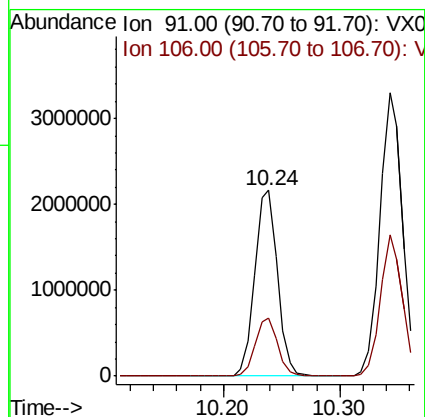
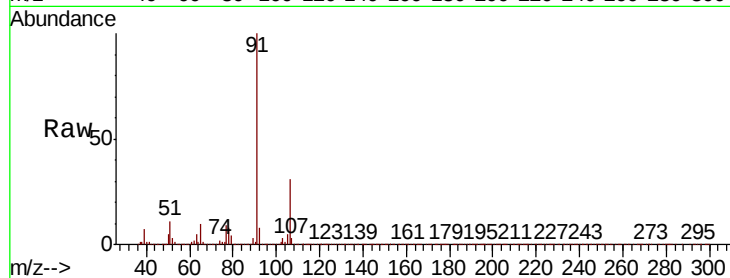
ClientSampleId :

Tot Ion: 91 Resp: 2947634

Ion Ratio Lower Upper

91 100

106 31.1 24.8 37.2



#68

m/p-Xylenes

Concen: 101.877 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015469.D

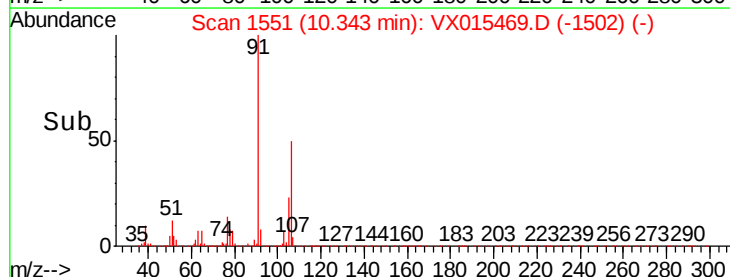
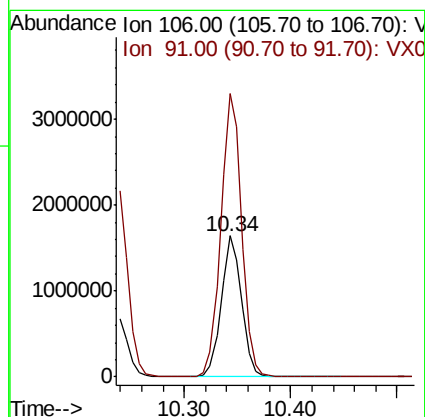
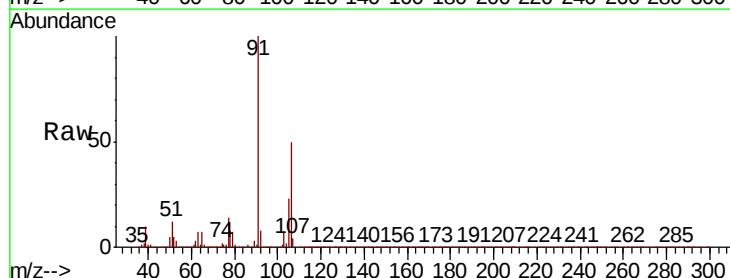
Acq: 01 Apr 2020 16:31

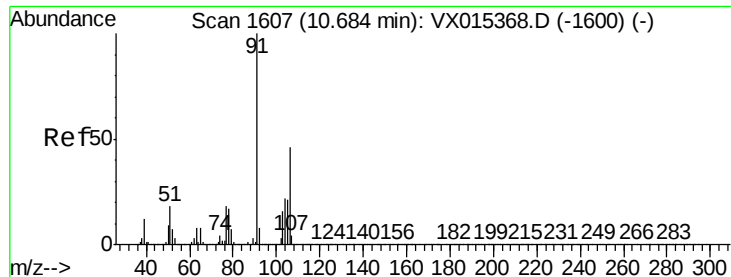
Tgt Ion: 106 Resp: 2169647

Ion Ratio Lower Upper

106 100

91 205.5 163.4 245.0

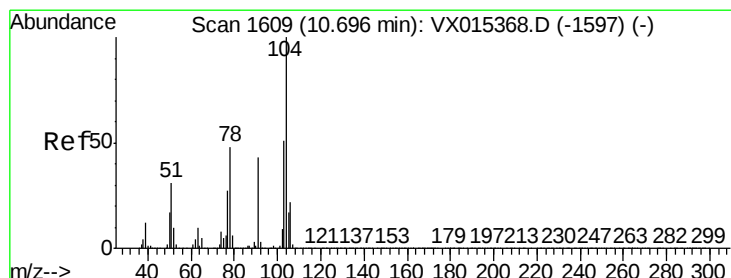
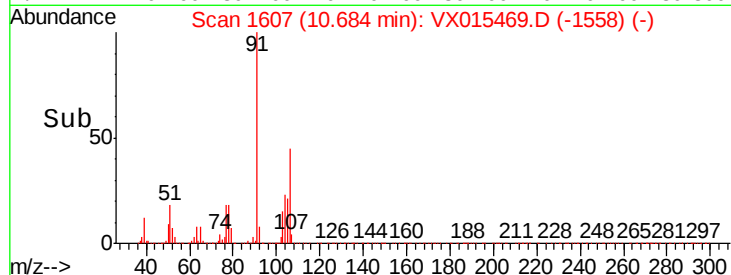
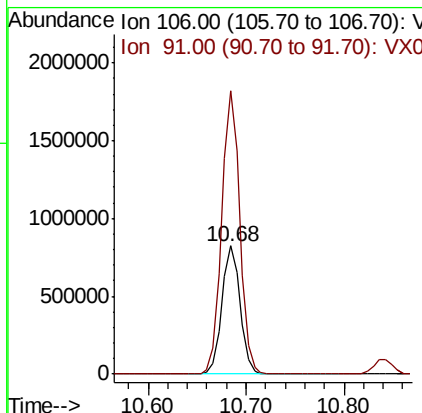
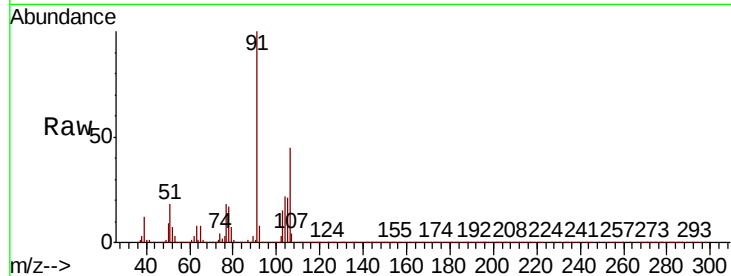




#69
o-Xylene
Concen: 50.596 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015469.D
Acq: 01 Apr 2020 16:31

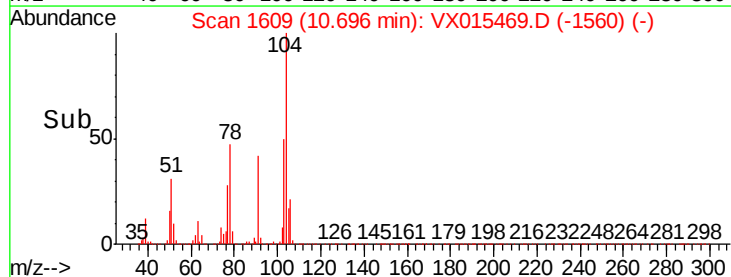
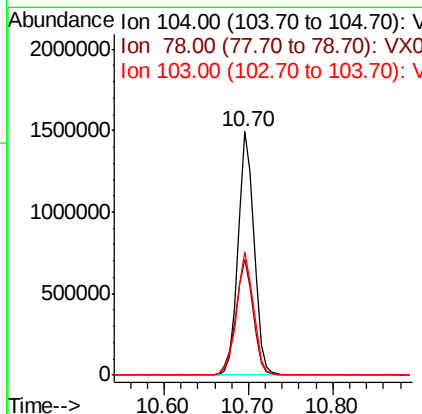
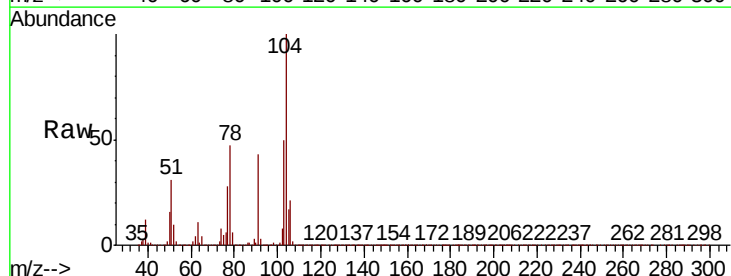
Instrument :
MSVOA_X
ClientSampled :

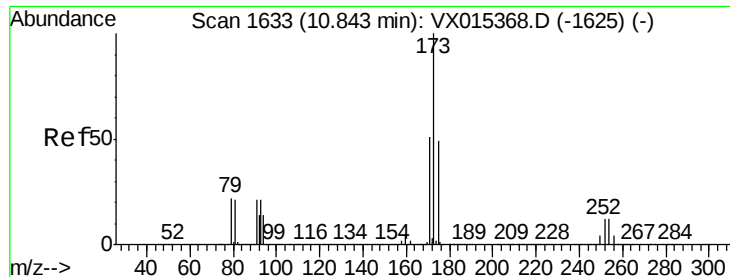
Tot Ion:106 Resp: 1064785
Ion Ratio Lower Upper
106 100
91 218.9 107.1 321.3



#70
Styrene
Concen: 50.973 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015469.D
Acq: 01 Apr 2020 16:31

Tgt Ion:104 Resp: 1887638
Ion Ratio Lower Upper
104 100
78 52.5 42.0 63.0
103 53.9 43.4 65.0





#71

Bromoform

Concen: 47.425 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

Instrument :

MSVOA_X

ClientSampled :

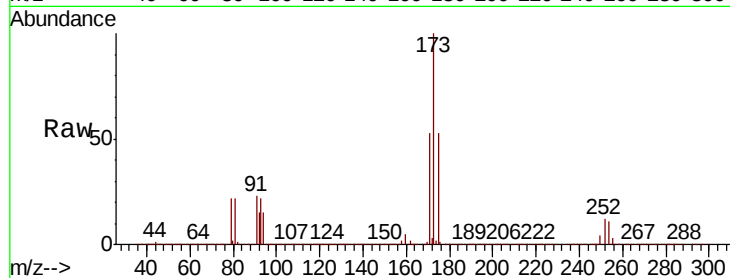
Tot Ion:173 Resp: 556185

Ion Ratio Lower Upper

173 100

175 50.1 23.9 71.7

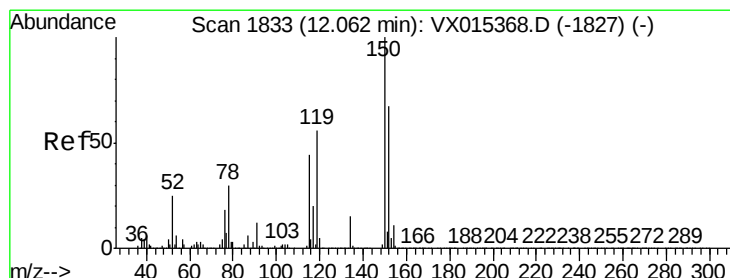
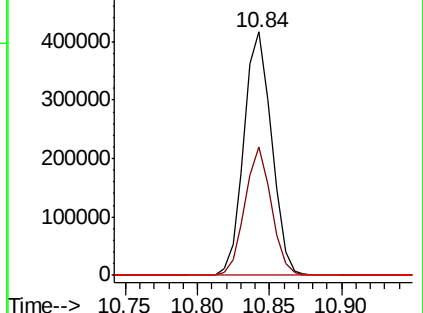
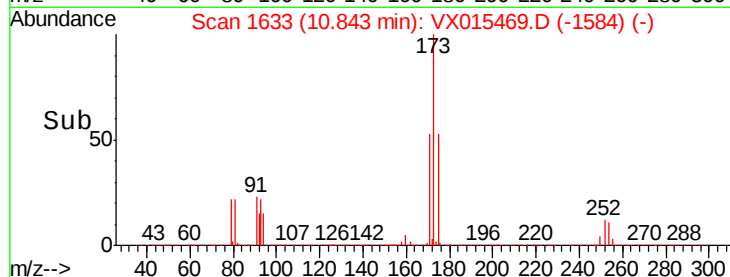
254 0.3 0.1 0.1#



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# 1833

Delta R.T. -0.00 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

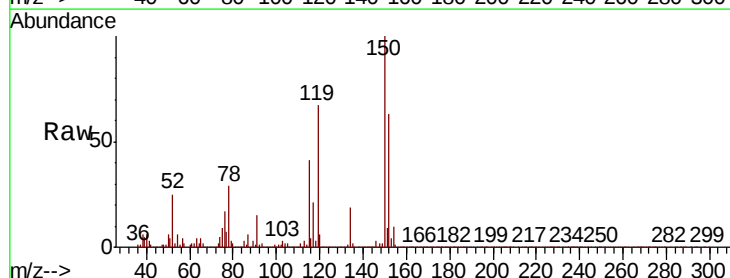
Tgt Ion:152 Resp: 840471

Ion Ratio Lower Upper

152 100

115 81.9 39.0 116.9

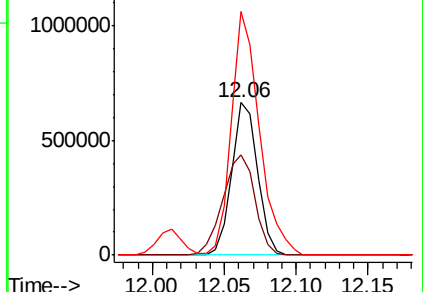
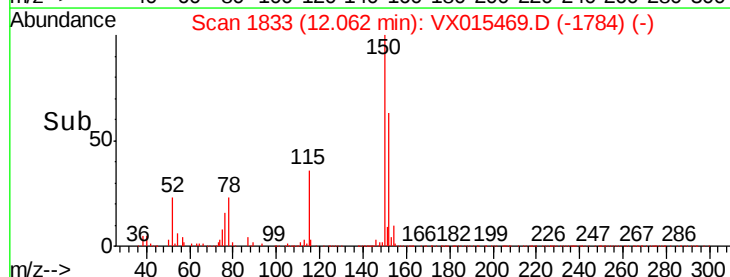
150 172.7 0.0 340.8

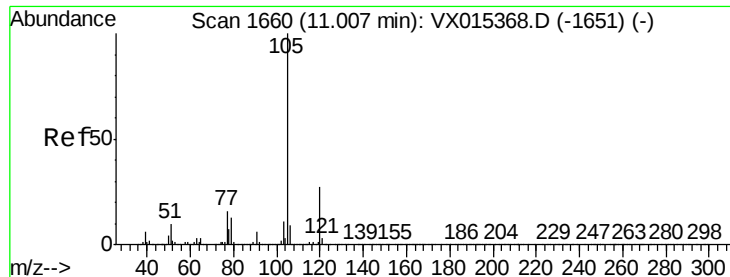


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.105 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

Instrument :

MSVOA_X

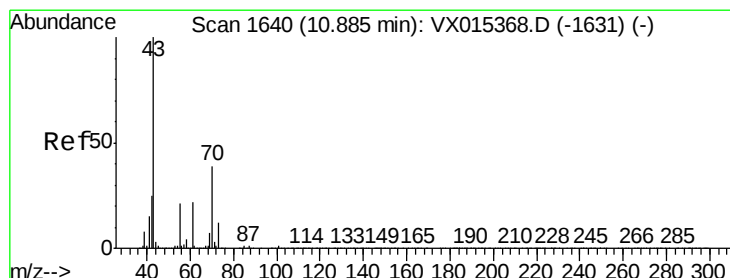
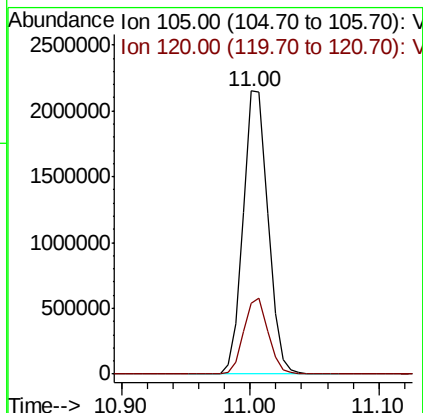
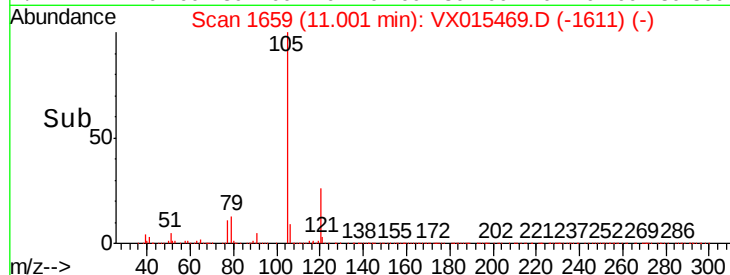
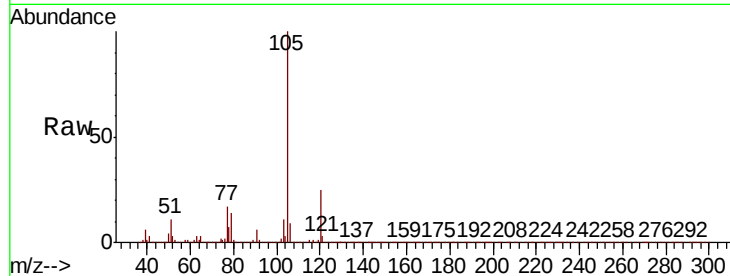
ClientSampleId :

Tot Ion:105 Resp: 2869374

Ion Ratio Lower Upper

105 100

120 26.0 13.2 39.5



#74

N-ethyl acetate

Concen: 50.470 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

Tgt Ion: 43 Resp: 1545838

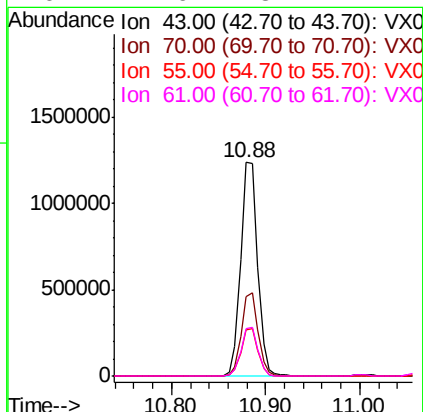
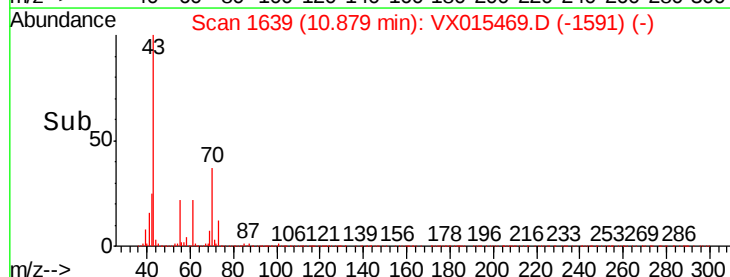
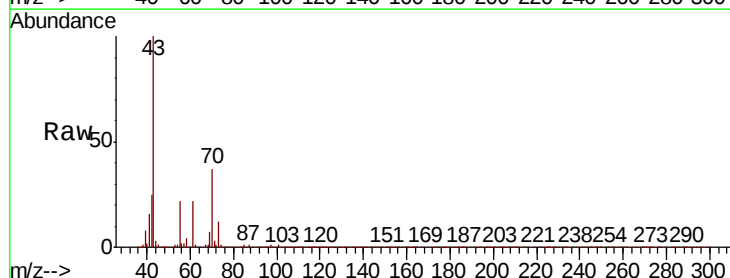
Ion Ratio Lower Upper

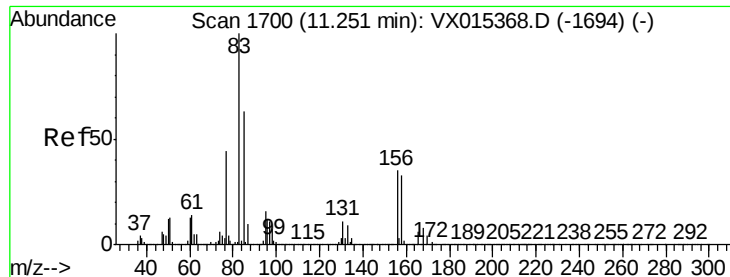
43 100

70 38.0 30.2 45.4

55 21.7 16.8 25.2

61 22.6 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.937 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

Instrument :

MSVOA_X

ClientSampleId :

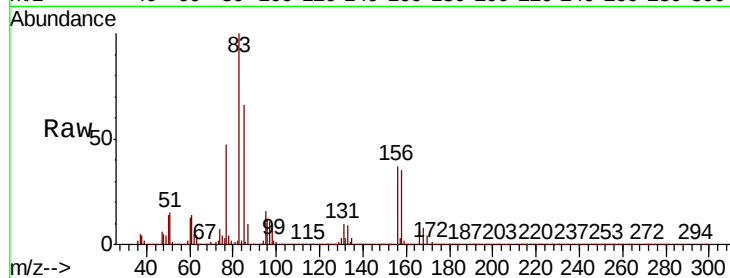
Tot Ion: 83 Resp: 924724

Ion Ratio Lower Upper

83 100

131 10.6 5.3 16.1

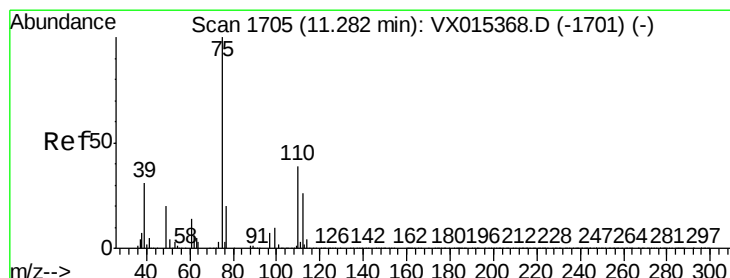
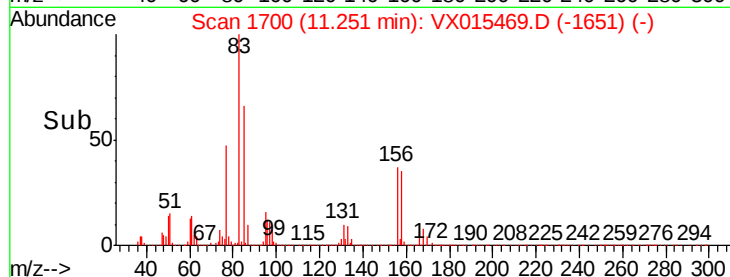
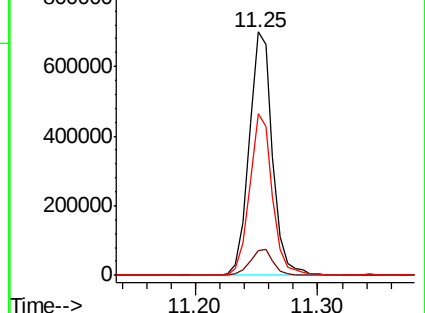
85 65.0 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 67.577 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015469.D

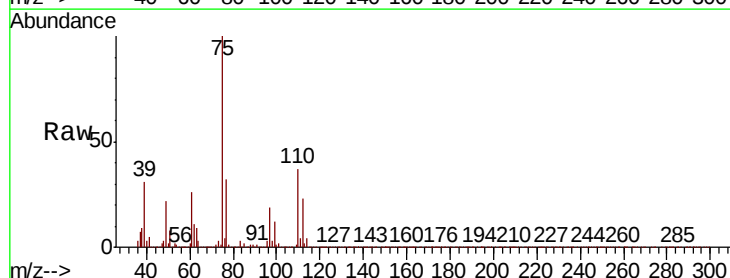
Acq: 01 Apr 2020 16:31

Tgt Ion: 75 Resp: 1167969

Ion Ratio Lower Upper

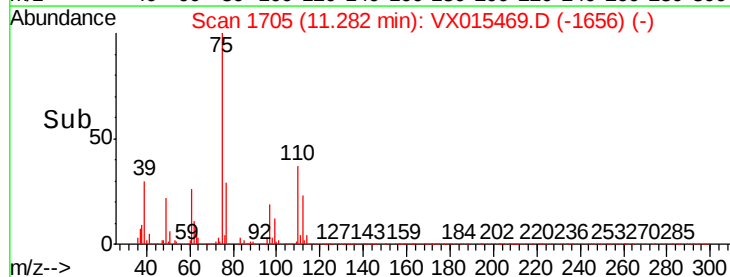
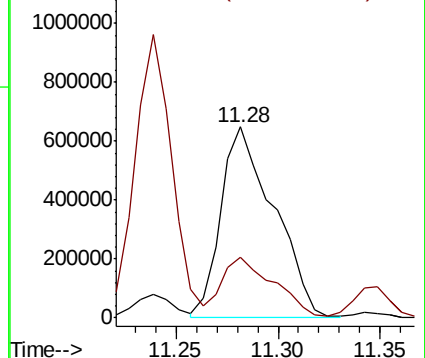
75 100

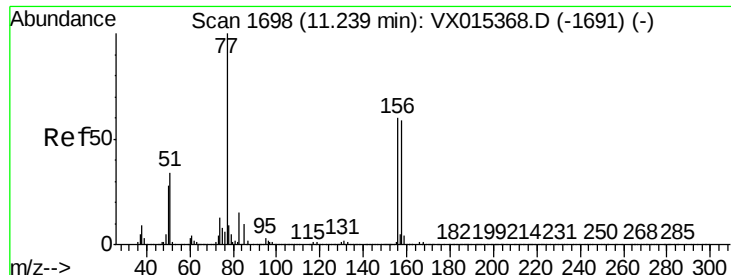
77 31.2 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.075 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

Instrument :

MSVOA_X

ClientSampleId :

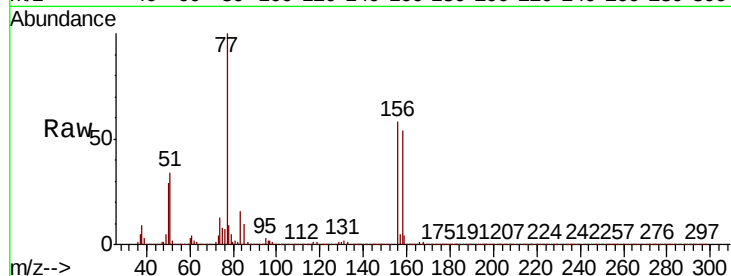
Tot Ion:156 Resp: 735554

Ion Ratio Lower Upper

156 100

77 164.5 82.2 246.5

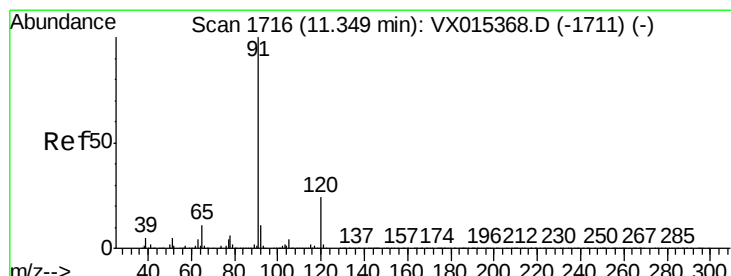
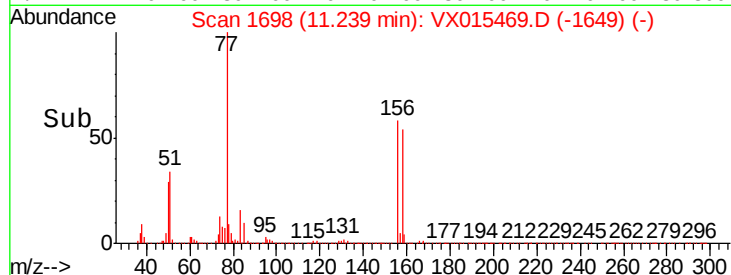
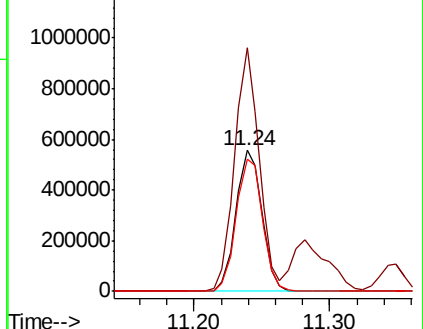
158 95.3 49.3 147.9



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: 52.758 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. -0.00 min

Lab File: VX015469.D

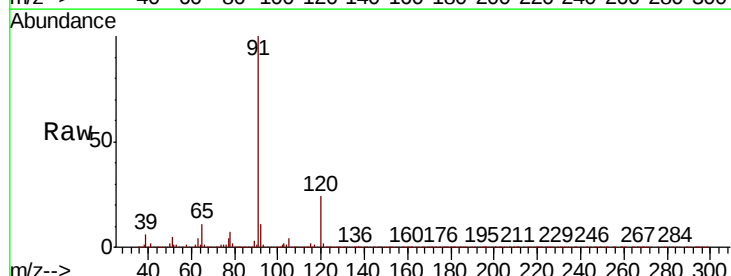
Acq: 01 Apr 2020 16:31

Tgt Ion: 91 Resp: 3322148

Ion Ratio Lower Upper

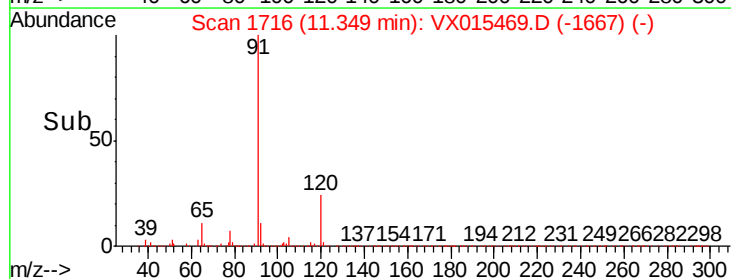
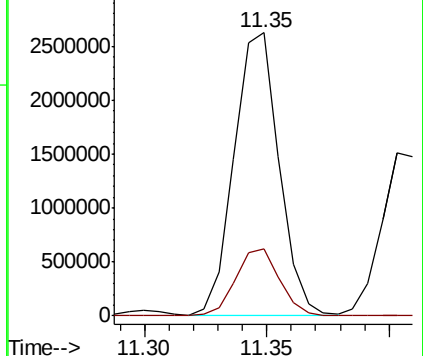
91 100

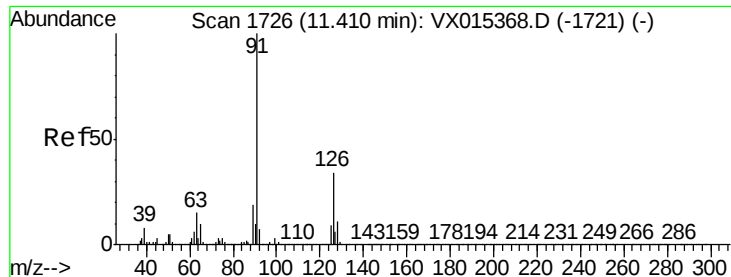
120 23.2 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.620 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

Instrument :

MSVOA_X

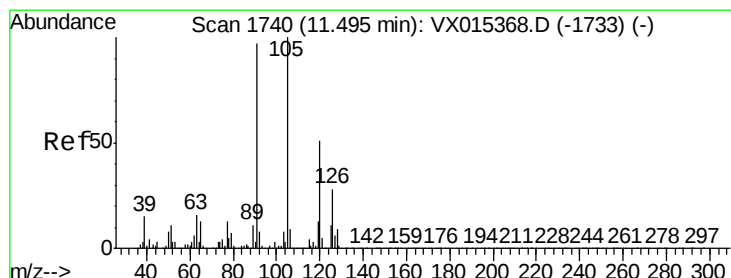
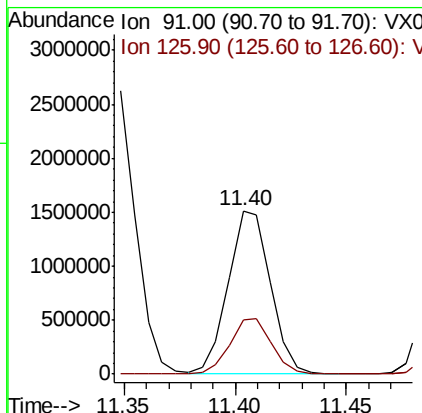
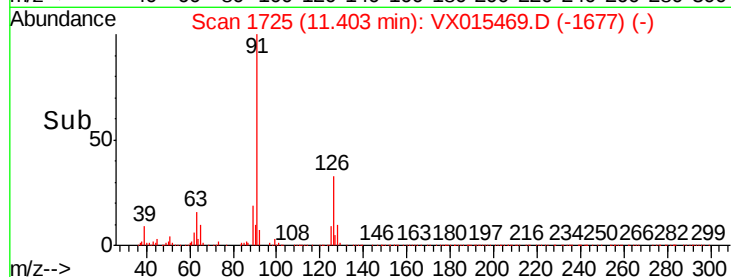
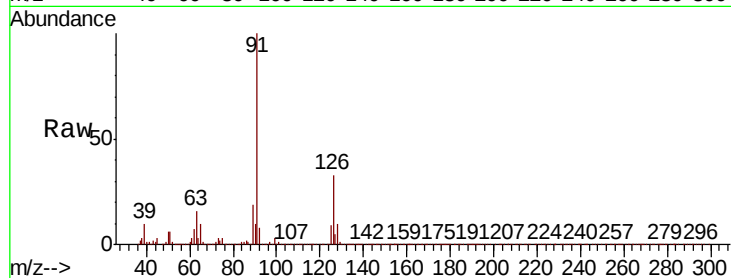
ClientSampleId :

Tot Ion: 91 Resp: 1992344

Ion Ratio Lower Upper

91 100

126 33.4 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 52.172 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015469.D

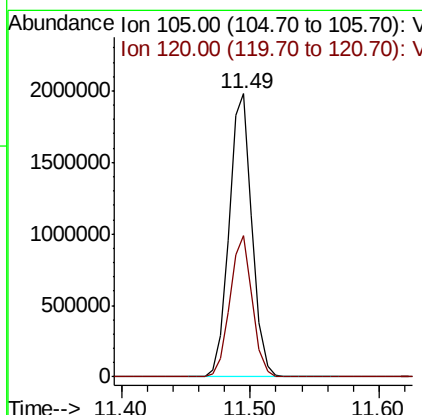
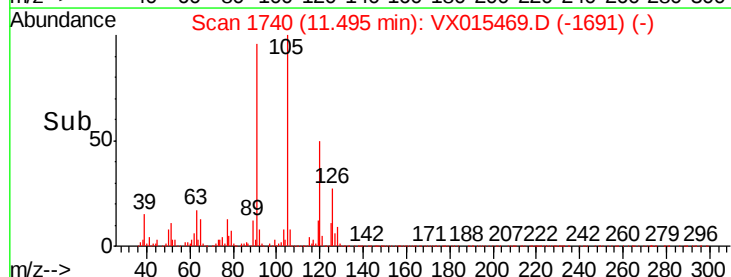
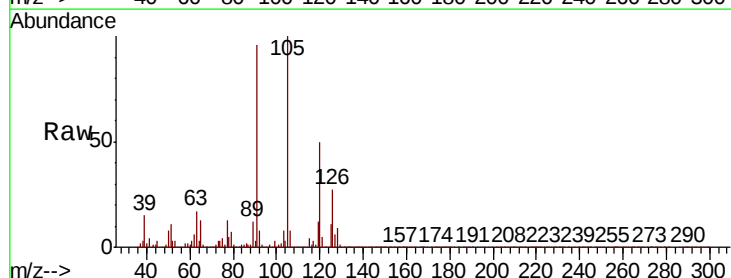
Acq: 01 Apr 2020 16:31

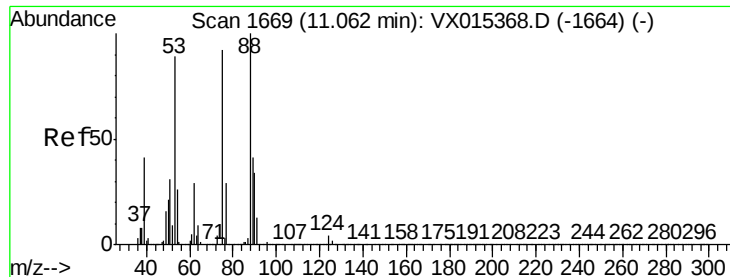
Tgt Ion: 105 Resp: 2453716

Ion Ratio Lower Upper

105 100

120 48.9 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 49.423 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. -0.00 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

Instrument :

MSVOA_X

ClientSampleId :

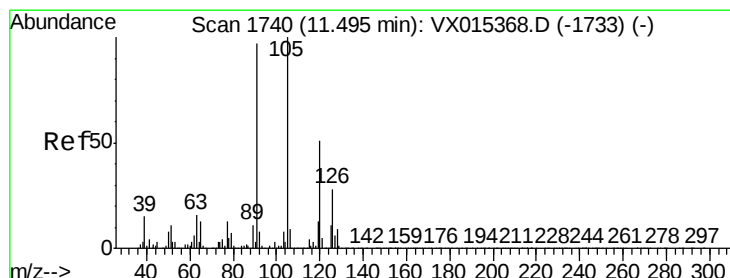
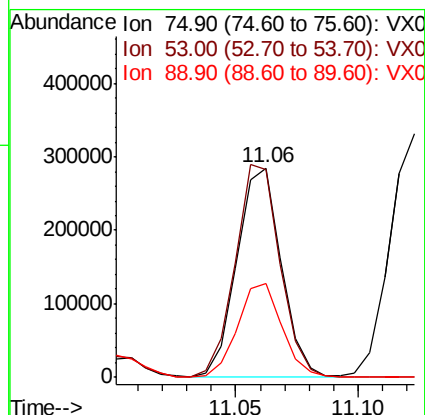
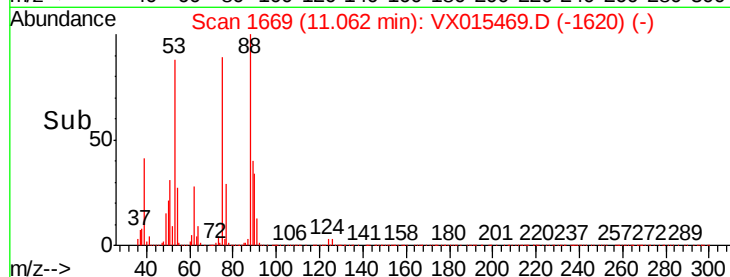
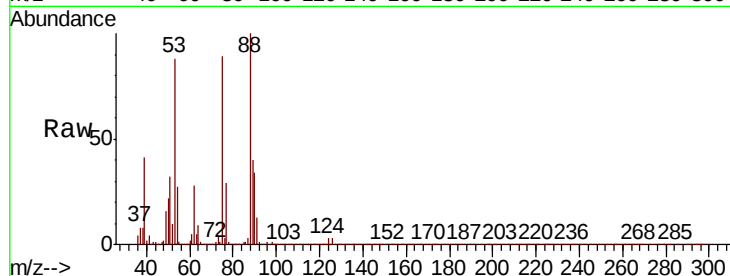
Tot Ion: 75 Resp: 356001

Ion Ratio Lower Upper

75 100

53 103.4 80.1 120.1

89 45.5 36.1 54.1



#82

4-Chlorotoluene

Concen: 52.353 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015469.D

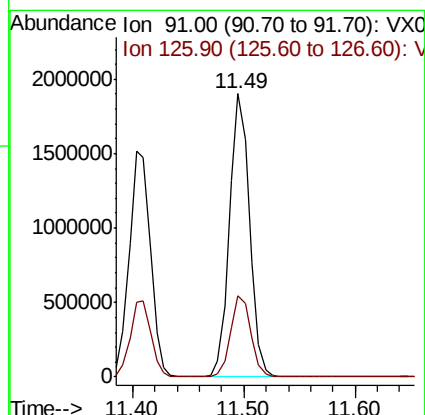
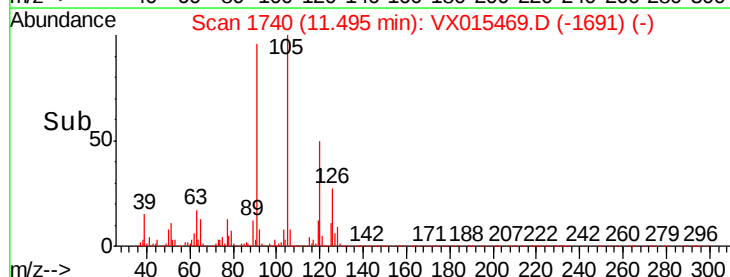
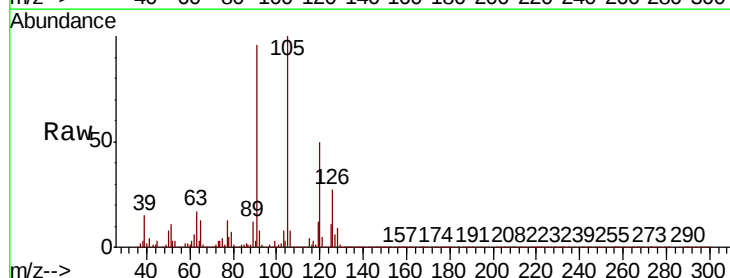
Acq: 01 Apr 2020 16:31

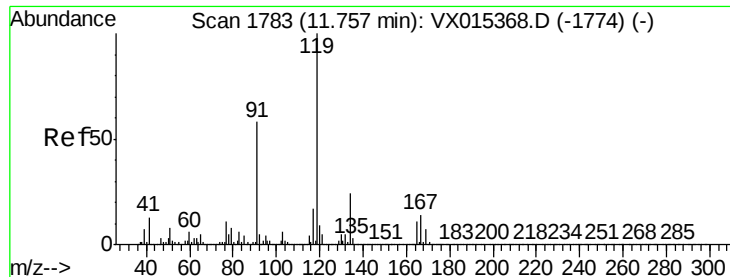
Tgt Ion: 91 Resp: 2368811

Ion Ratio Lower Upper

91 100

126 28.8 14.7 44.1

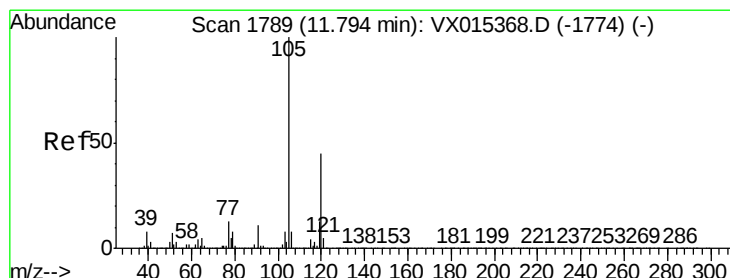
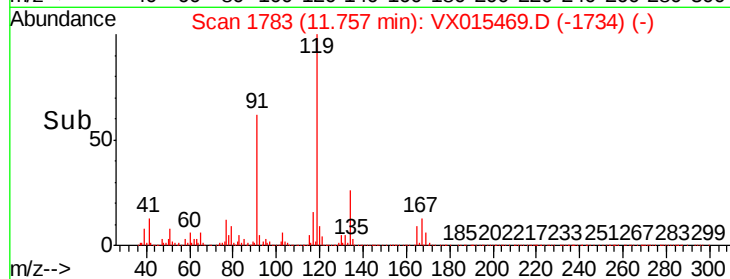
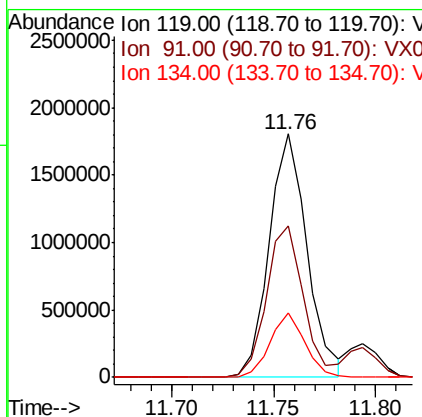
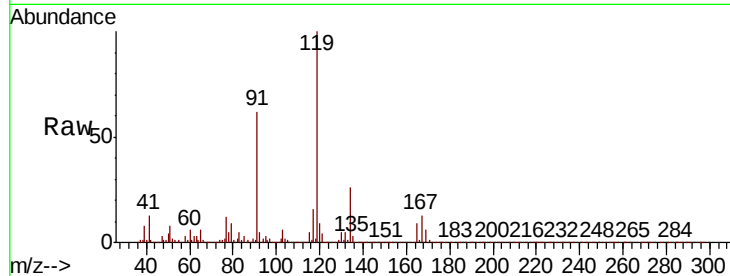




#83
tert-Butylbenzene
Concen: 50.752 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015469.D
Acq: 01 Apr 2020 16:31

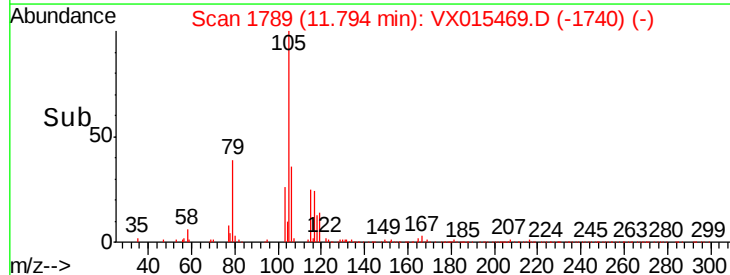
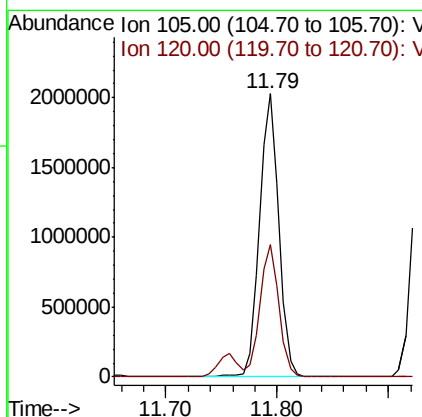
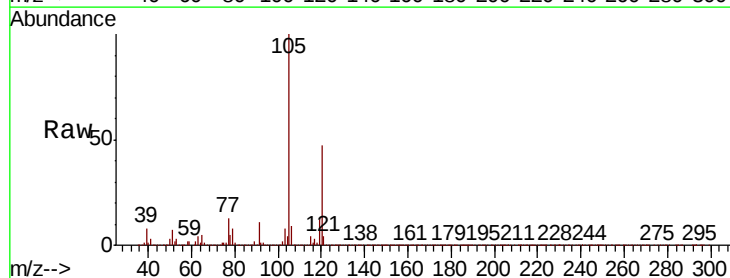
Instrument :
MSVOA_X
ClientSampled :

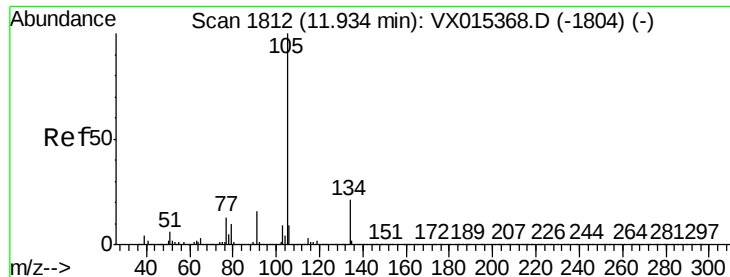
Tot Ion:119 Resp: 2331489
Ion Ratio Lower Upper
119 100
91 61.5 28.6 85.8
134 24.3 11.8 35.3



#84
1,2,4-Trimethylbenzene
Concen: 51.250 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015469.D
Acq: 01 Apr 2020 16:31

Tgt Ion:105 Resp: 2456228
Ion Ratio Lower Upper
105 100
120 46.0 22.7 68.1





#85

sec-Butylbenzene

Concen: 52.191 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

Instrument :

MSVOA_X

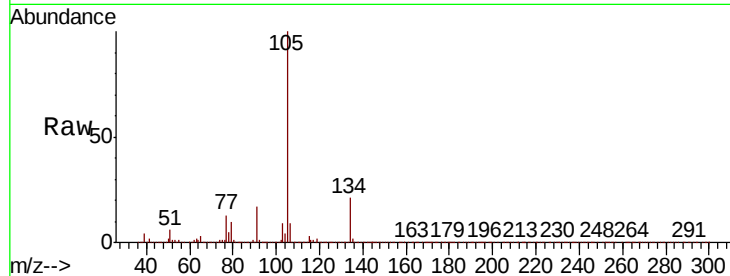
ClientSampled :

Tot Ion:105 Resp: 2772930

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

2500000

2000000

1500000

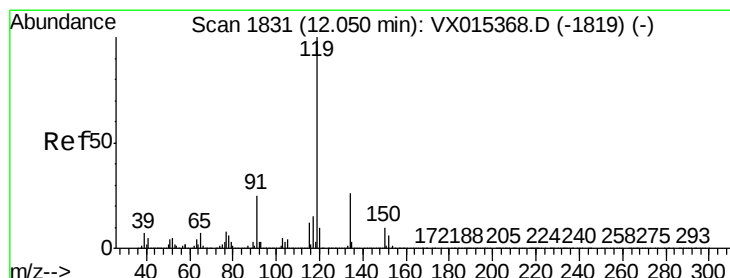
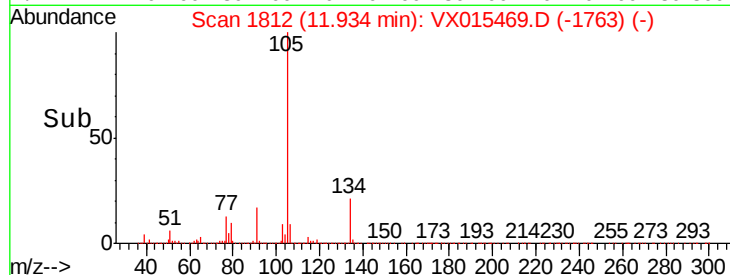
1000000

500000

0

11.85 11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 53.264 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

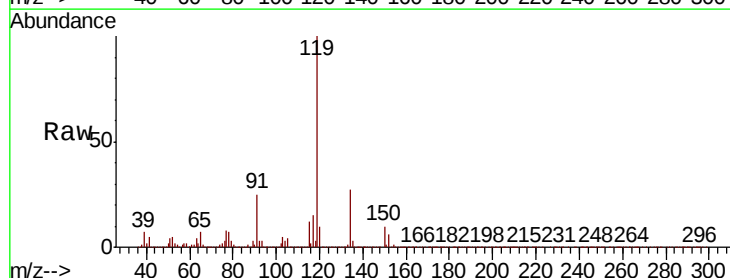
Tgt Ion:119 Resp: 2627155

Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.3

91 24.3 12.4 37.4



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

3000000

2500000

2000000

1500000

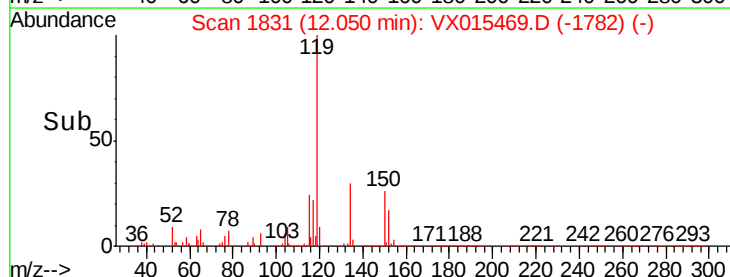
1000000

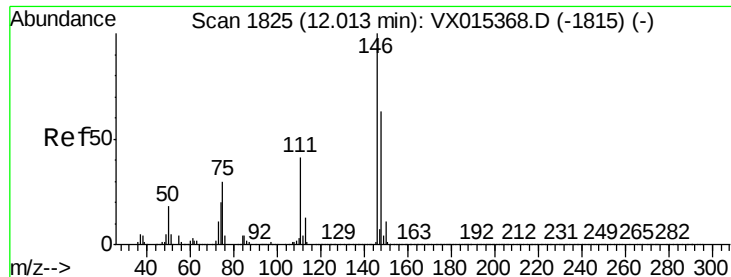
500000

0

12.00 12.10

Time-->

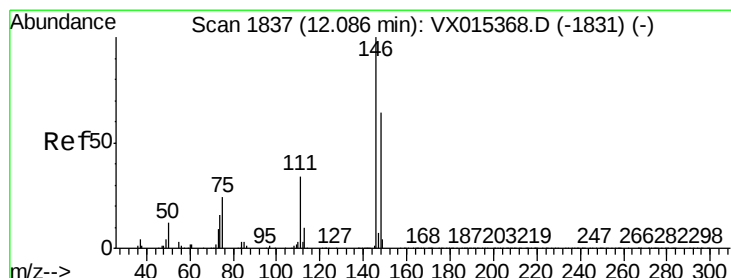
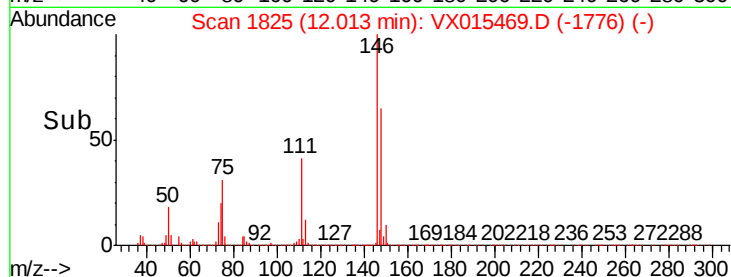
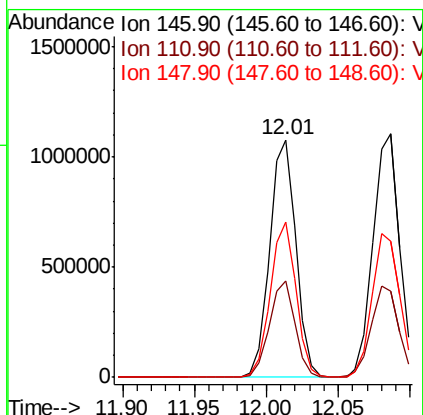
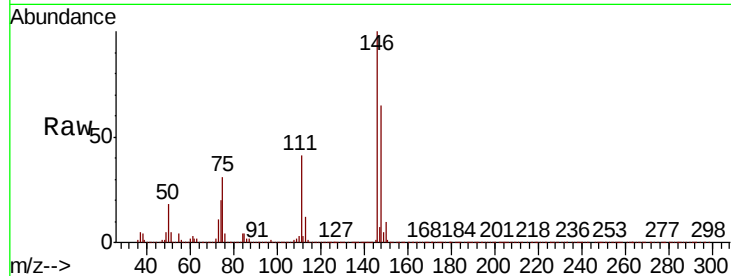




#87
 1,3-Dichlorobenzene
 Concen: 51.529 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015469.D
 Acq: 01 Apr 2020 16:31

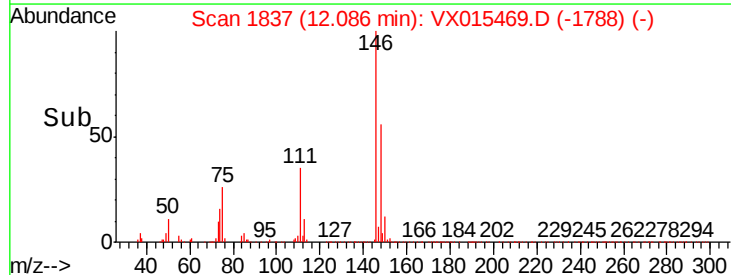
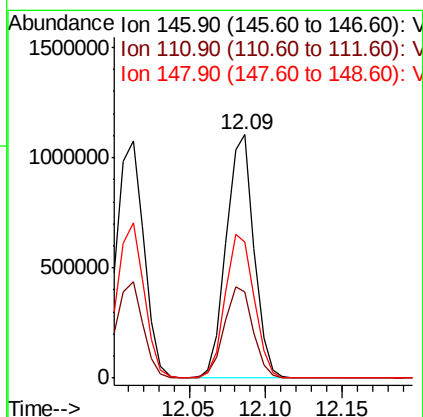
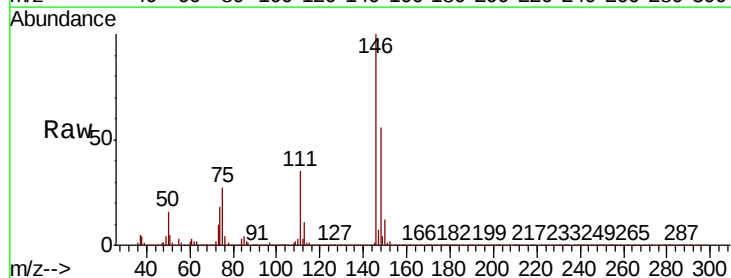
Instrument :
 MSVOA_X
 ClientSampled :

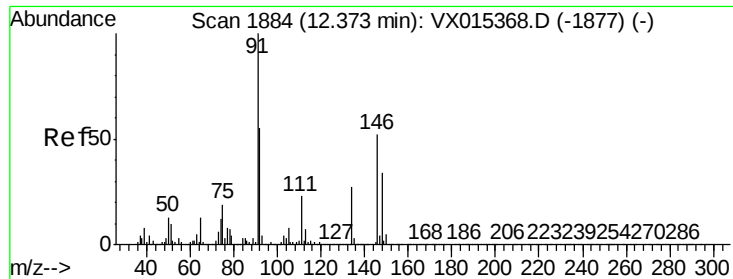
Tot Ion:146 Resp: 1355013
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.3 60.9
 148 64.5 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 51.882 ug/l
 RT: 12.09 min Scan# 1837
 Delta R.T. -0.00 min
 Lab File: VX015469.D
 Acq: 01 Apr 2020 16:31

Tgt Ion:146 Resp: 1389675
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.1 57.5
 148 61.2 32.4 97.2

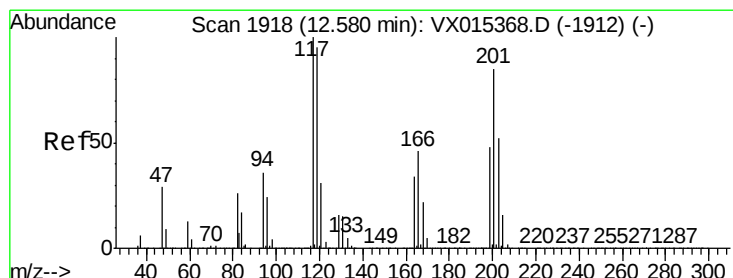
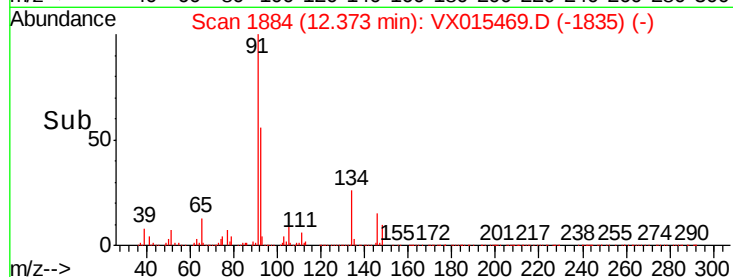
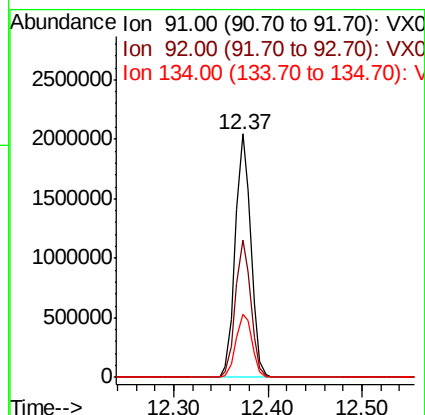
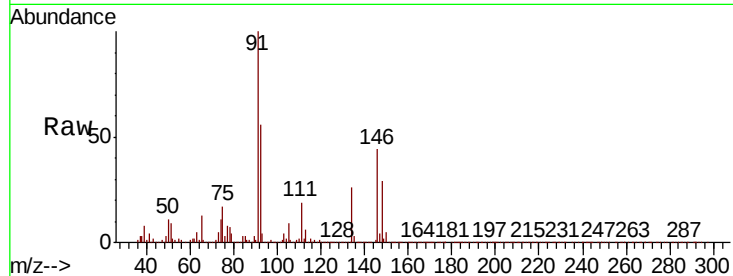




#89
n-Butylbenzene
Concen: 52.544 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015469.D
Acq: 01 Apr 2020 16:31

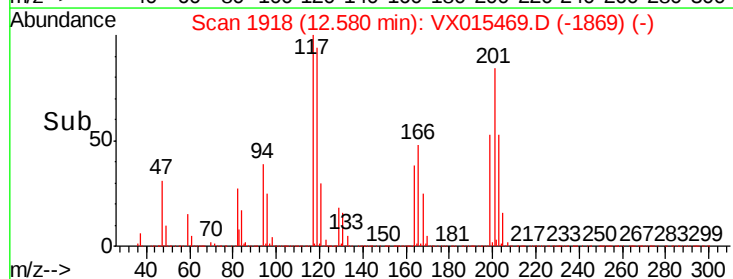
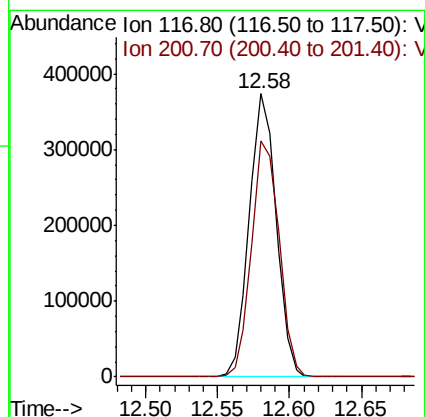
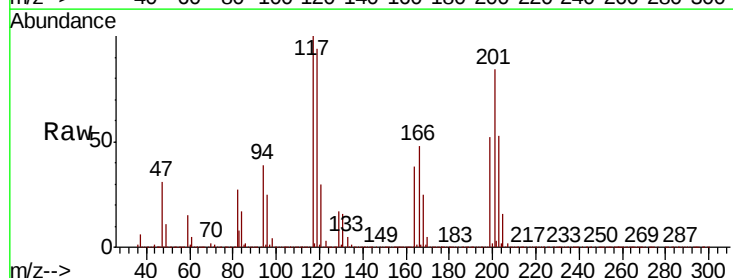
Instrument :
MSVOA_X
ClientSampleId :

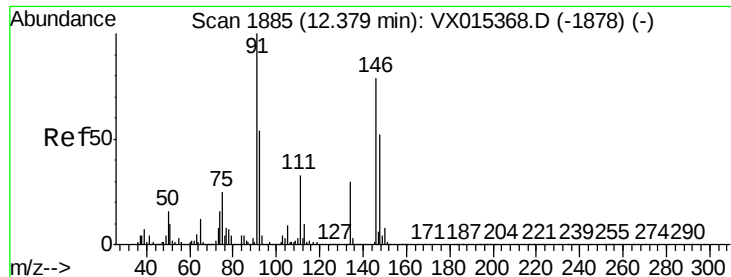
Tot Ion: 91 Resp: 2342033
Ion Ratio Lower Upper
91 100
92 55.9 27.2 81.5
134 27.1 13.4 40.2



#90
Hexachloroethane
Concen: 50.165 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015469.D
Acq: 01 Apr 2020 16:31

Tgt Ion: 117 Resp: 481592
Ion Ratio Lower Upper
117 100
201 85.6 42.6 128.0





#91

1,2-Dichlorobenzene

Concen: 50.888 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

Instrument :

MSVOA_X

ClientSampled :

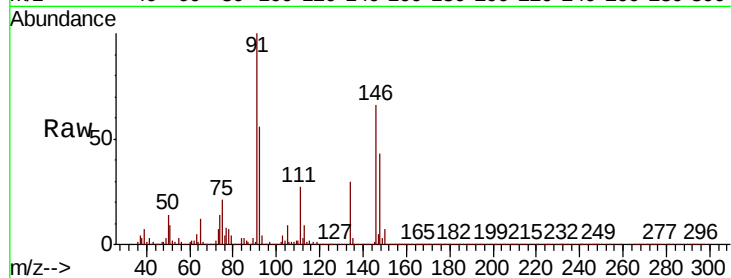
Tot Ion:146 Resp: 1309573

Ion Ratio Lower Upper

146 100

111 41.8 21.0 63.0

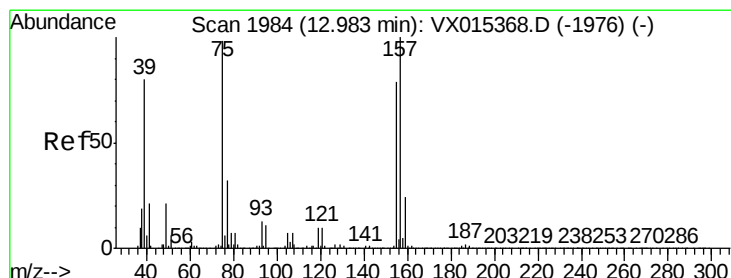
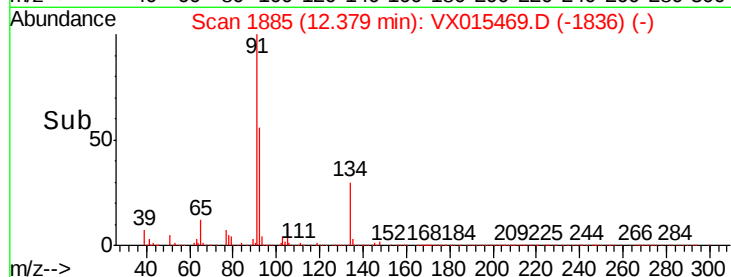
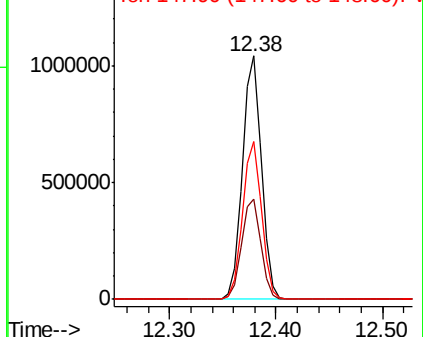
148 64.7 32.4 97.0



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: 45.181 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. -0.00 min

Lab File: VX015469.D

Acq: 01 Apr 2020 16:31

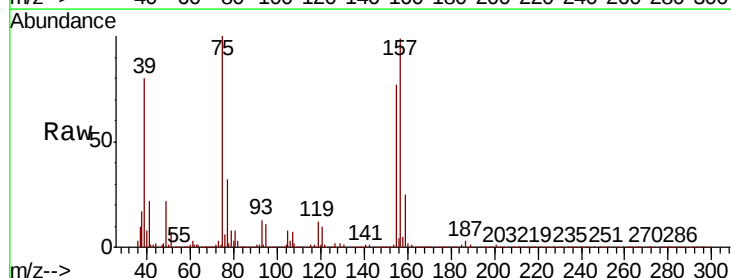
Tgt Ion: 75 Resp: 240969

Ion Ratio Lower Upper

75 100

155 81.7 42.8 128.4

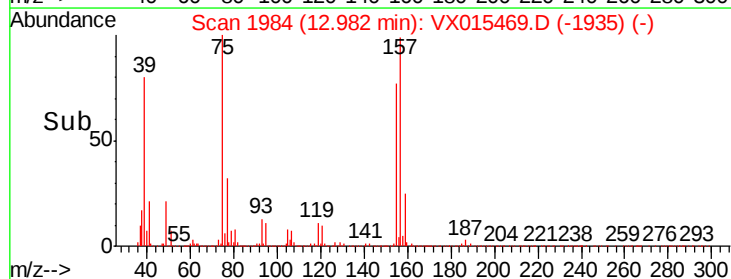
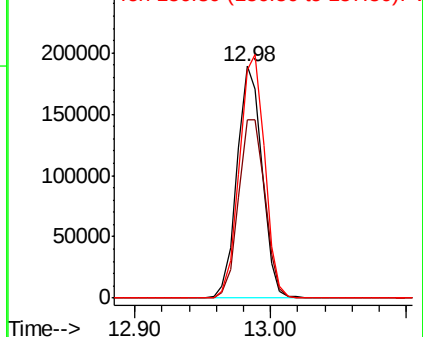
157 106.1 53.4 160.3

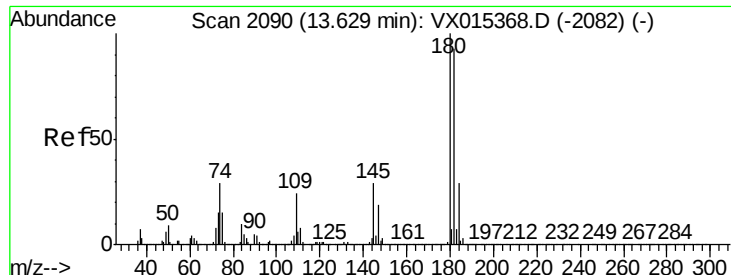


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

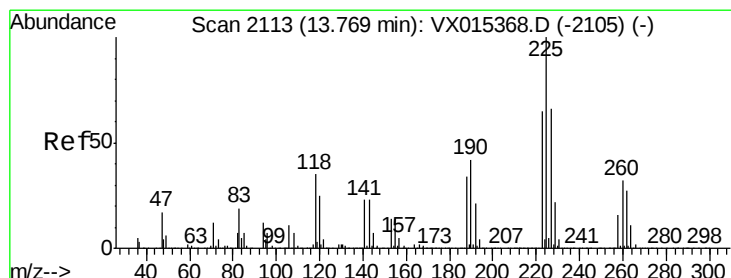
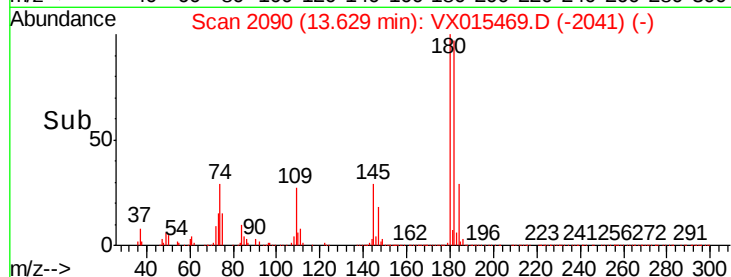
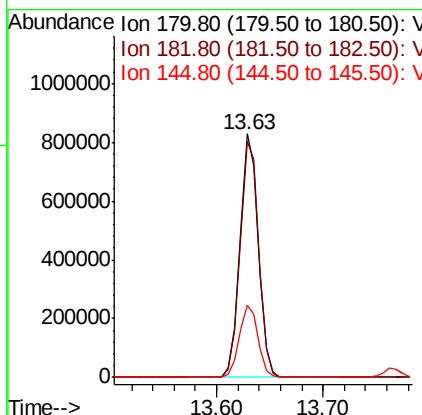
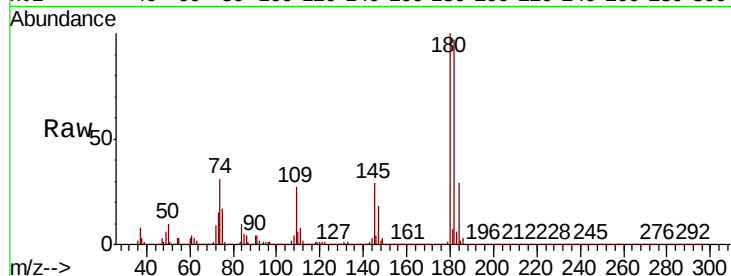




#93
 1,2,4-Trichlorobenzene
 Concen: 49.110 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015469.D
 Acq: 01 Apr 2020 16:31

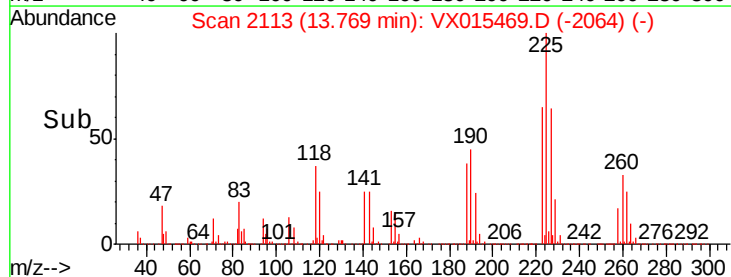
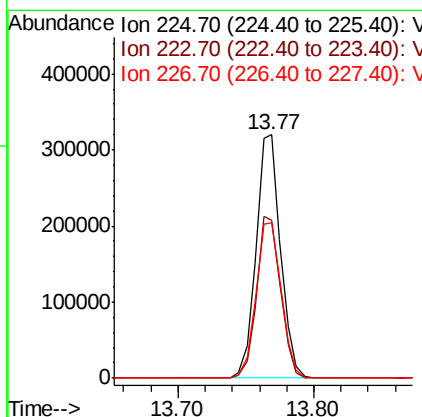
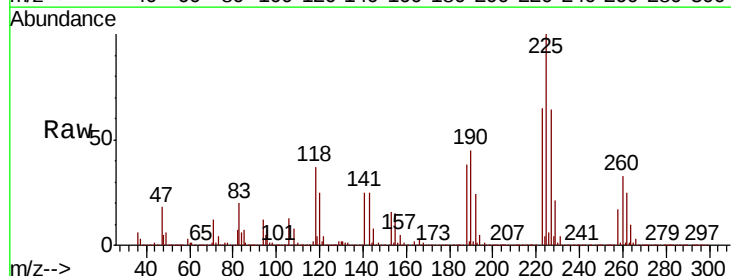
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.9	46.9	140.7
145	30.0	14.9	44.5



#94
 Hexachlorobutadiene
 Concen: 41.676 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015469.D
 Acq: 01 Apr 2020 16:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	31.9	95.7
227	66.3	30.4	91.3

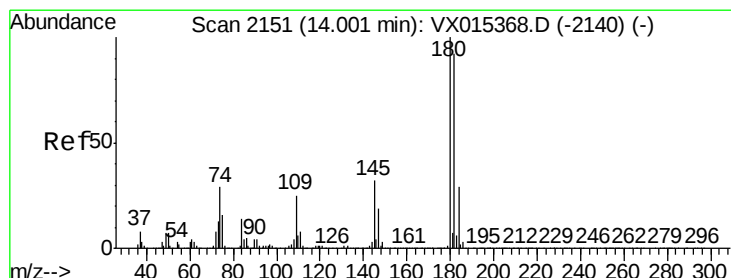
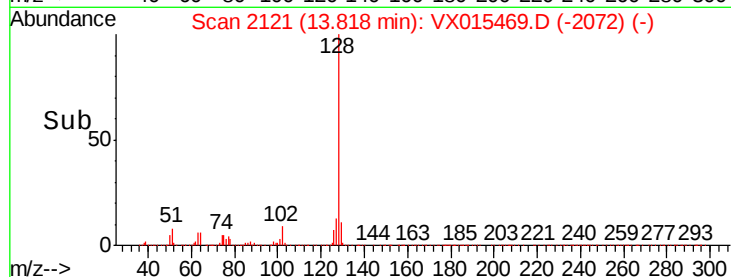
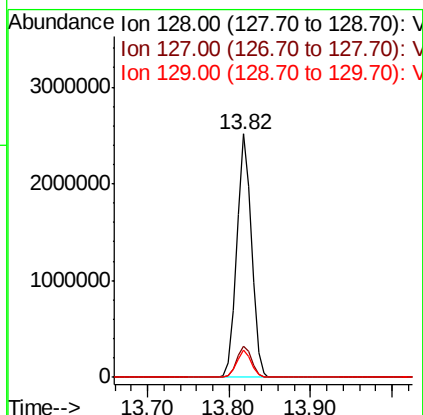
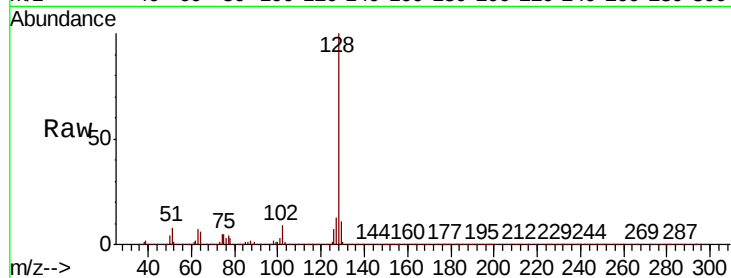




#95
Naphthalene
Concen: 49.085 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015469.D
Acq: 01 Apr 2020 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 3047815
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 49.787 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015469.D
Acq: 01 Apr 2020 16:31

Tgt Ion:180 Resp: 975749
Ion Ratio Lower Upper
180 100
182 94.1 46.7 140.0
145 33.0 15.8 47.3

