

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112019\
 Data File : VX013468.D
 Acq On : 20 Nov 2019 09:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 21 00:43:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	655587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	987554	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	892835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	454876	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	365764	47.09	ug/l	0.00
Spiked Amount			Recovery	=	94.18%	
35) Dibromofluoromethane	5.48	113	303431	48.99	ug/l	0.00
Spiked Amount			Recovery	=	97.98%	
50) Toluene-d8	8.71	98	1160644	49.70	ug/l	0.00
Spiked Amount			Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.13	95	416309	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	350444	46.394	ug/l	100
3) Chloromethane	1.31	50	377712	46.110	ug/l	99
4) Vinyl Chloride	1.40	62	452765	48.550	ug/l	99
5) Bromomethane	1.62	94	291732	44.890	ug/l	98
6) Chloroethane	1.71	64	250716	46.958	ug/l	99
7) Trichlorofluoromethane	1.92	101	506837	46.002	ug/l	98
8) Diethyl Ether	2.17	74	236257	48.491	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	317866	51.762	ug/l	99
10) Methyl Iodide	2.50	142	363669	47.833	ug/l	98
11) Tert butyl alcohol	3.03	59	412383	201.448	ug/l	100
12) 1,1-Dichloroethene	2.36	96	303260	50.429	ug/l	99
13) Acrolein	2.28	56	281658	253.868	ug/l	98
14) Allyl chloride	2.72	41	576488	52.761	ug/l	97
15) Acrylonitrile	3.12	53	994842	260.166	ug/l	98
16) Acetone	2.43	43	978434	252.567	ug/l	99
17) Carbon Disulfide	2.56	76	753662	46.824	ug/l	98
18) Methyl Acetate	2.76	43	571054	53.394	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1082724	53.982	ug/l	99
20) Methylene Chloride	2.84	84	356090	49.750	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	331188	50.581	ug/l	96
22) Diisopropyl ether	3.84	45	1165782	55.264	ug/l	99
23) Vinyl Acetate	3.80	43	4826355	267.377	ug/l	99
24) 1,1-Dichloroethane	3.68	63	618968	52.452	ug/l	99
25) 2-Butanone	4.65	43	1471095	258.852	ug/l	98
26) 2,2-Dichloropropane	4.56	77	522004	55.605	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	393355	53.629	ug/l	100
28) Bromochloromethane	5.00	49	177865	53.085	ug/l	98
29) Tetrahydrofuran	5.11	42	894451	255.397	ug/l	99
30) Chloroform	5.19	83	615799	52.847	ug/l	100
31) Cyclohexane	5.56	56	534705	50.356	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	517821	51.638	ug/l	99
36) 1,1-Dichloropropene	5.78	75	458267	54.092	ug/l	99
37) Ethyl Acetate	4.81	43	530694	50.694	ug/l	99
38) Carbon Tetrachloride	5.77	117	446035	53.839	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	557966	52.856	ug/l	98
40) Benzene	6.13	78	1403114	53.168	ug/l	99
41) Methacrylonitrile	5.03	41	303401	51.708	ug/l	98
42) 1,2-Dichloroethane	6.18	62	493505	51.844	ug/l	100
43) Isopropyl Acetate	6.43	43	880792	54.032	ug/l	100
44) Trichloroethene	7.20	130	376533	51.834	ug/l	96
45) 1,2-Dichloropropane	7.50	63	368368	54.784	ug/l	98
46) Dibromomethane	7.65	93	238364	51.920	ug/l	98
47) Bromodichloromethane	7.89	83	489774	56.574	ug/l	97
48) Methyl methacrylate	7.76	41	441096	54.207	ug/l	98
49) 1,4-Dioxane	7.73	88	156886	841.877	ug/l	94
51) 4-Methyl-2-Pentanone	8.63	43	2776639	259.617	ug/l	100
52) Toluene	8.78	92	877868	53.671	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	543811	57.445	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	602316	56.879	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	367901	54.266	ug/l	98
56) Ethyl methacrylate	9.17	69	594622	51.332	ug/l	97
57) 1,3-Dichloropropane	9.36	76	620286	53.898	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	1320782	284.927	ug/l	100
59) 2-Hexanone	9.48	43	2157532	261.046	ug/l	99
60) Dibromochloromethane	9.57	129	395218	57.000	ug/l	99
61) 1,2-Dibromoethane	9.67	107	380821	52.899	ug/l	99
64) Tetrachloroethene	9.33	164	329405	51.538	ug/l	98
65) Chlorobenzene	10.13	112	958364	53.019	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	365932	55.135	ug/l	100
67) Ethyl Benzene	10.25	91	1681807	53.909	ug/l	98
68) m/p-Xylenes	10.36	106	1288106	109.176	ug/l	100
69) o-Xylene	10.69	106	623082	53.942	ug/l	100
70) Styrene	10.71	104	1087251	56.308	ug/l	99
71) Bromoform	10.85	173	310498	50.427	ug/l	99
73) Isopropylbenzene	11.01	105	1695266	56.211	ug/l	100
74) N-amyl acetate	10.89	43	788824	56.403	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	589647	53.592	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	678198	73.405	ug/l	81
77) Bromobenzene	11.25	156	435376	54.151	ug/l	99
78) n-propylbenzene	11.35	91	1937795	57.681	ug/l	100
79) 2-Chlorotoluene	11.42	91	1129421	55.798	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1418979	56.486	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	204330	56.925	ug/l	96
82) 4-Chlorotoluene	11.51	91	1312608	55.398	ug/l	100
83) tert-Butylbenzene	11.76	119	1432014	56.629	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1429189	56.714	ug/l	100
85) sec-Butylbenzene	11.94	105	1678498	57.754	ug/l	100
86) p-Isopropyltoluene	12.06	119	1560259	58.301	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	788143	54.994	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	784773	53.746	ug/l	100
89) n-Butylbenzene	12.39	91	1361222	58.292	ug/l	99
90) Hexachloroethane	12.59	117	278087	58.321	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	782695	54.636	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	126841	47.319	ug/l	97

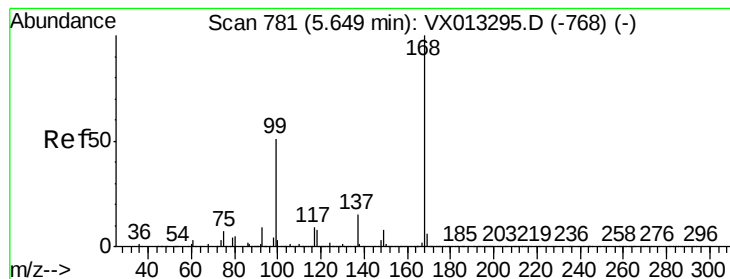
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112019\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	563478	56.389	ug/l	99
94) Hexachlorobutadiene	13.78	225	272132	55.664	ug/l	98
95) Naphthalene	13.83	128	1681762	53.641	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	549749	54.857	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

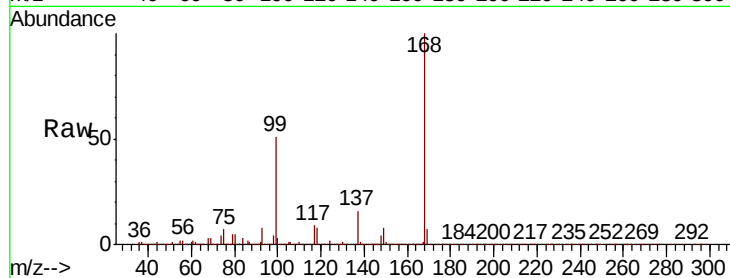
VSTDCCC050

Tot Ion:168 Resp: 655587

Ion Ratio Lower Upper

168 100

99 50.7 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

250000

200000

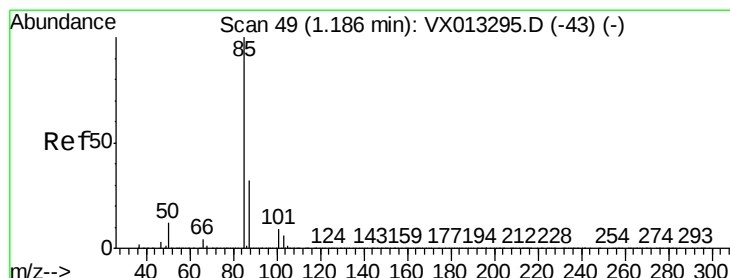
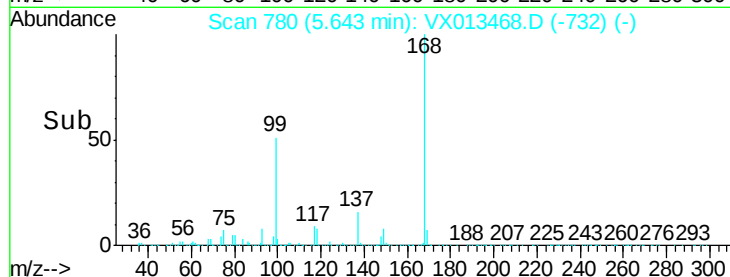
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.394 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013468.D

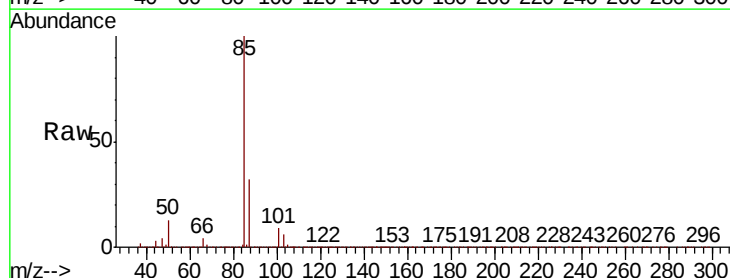
Acq: 20 Nov 2019 09:57

Tgt Ion: 85 Resp: 350444

Ion Ratio Lower Upper

85 100

87 31.8 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

400000

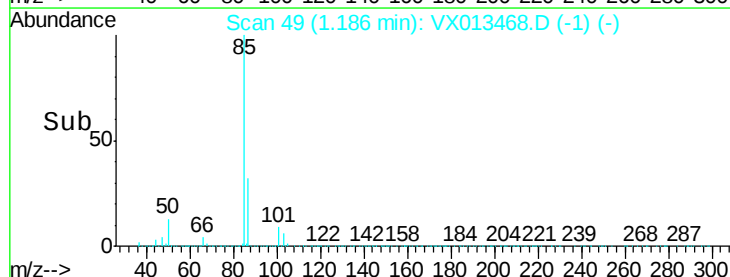
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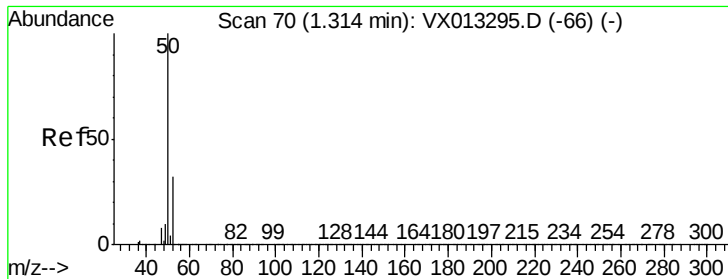
200000

100000

0

Time-->





#3

Chloromethane

Concen: 46.110 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

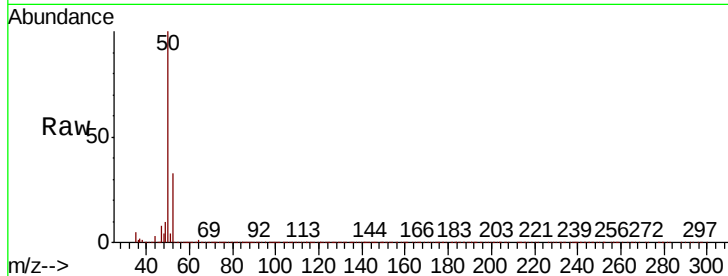
VSTDCCC050

Tot Ion: 50 Resp: 377712

Ion Ratio Lower Upper

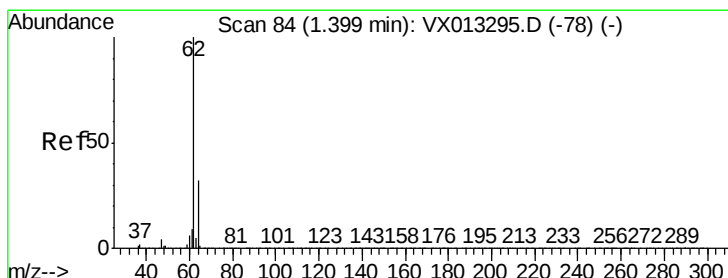
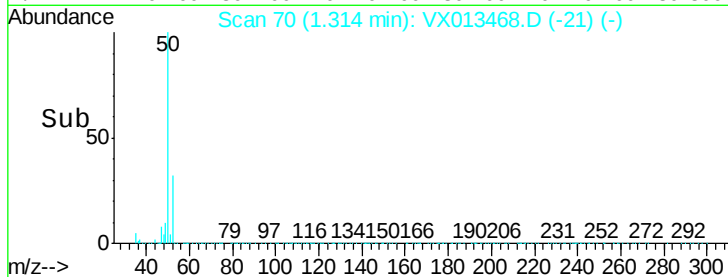
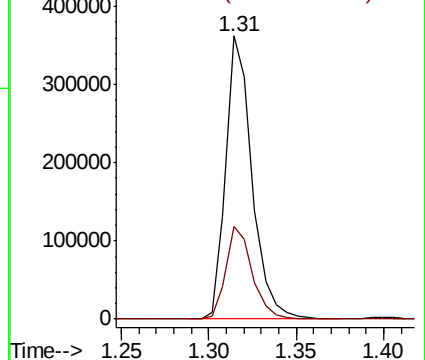
50 100

52 32.4 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.550 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013468.D

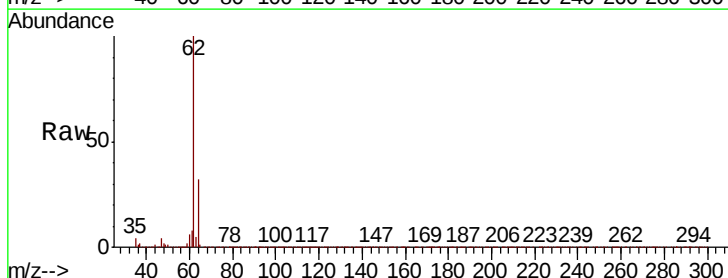
Acq: 20 Nov 2019 09:57

Tgt Ion: 62 Resp: 452765

Ion Ratio Lower Upper

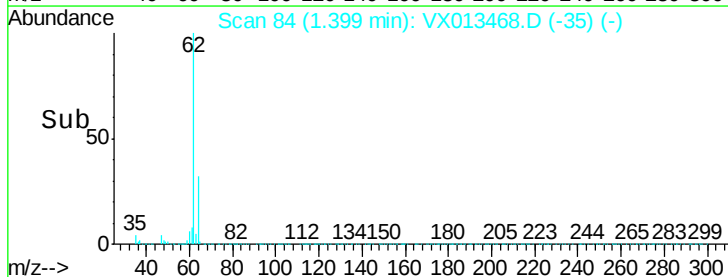
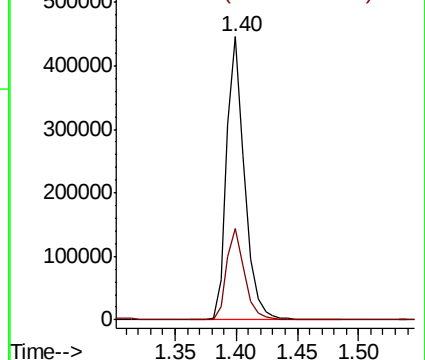
62 100

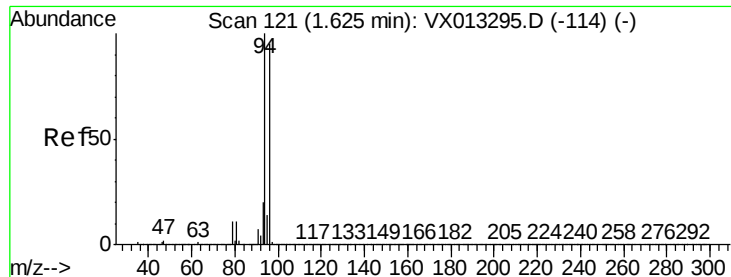
64 32.3 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 44.890 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

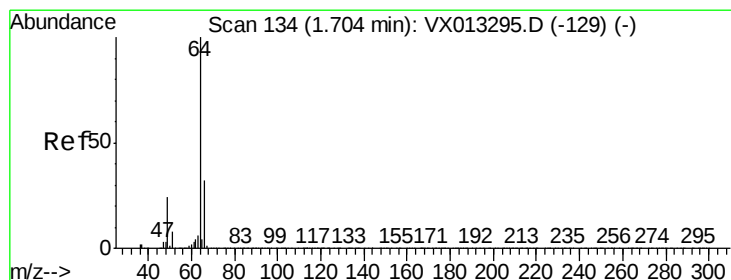
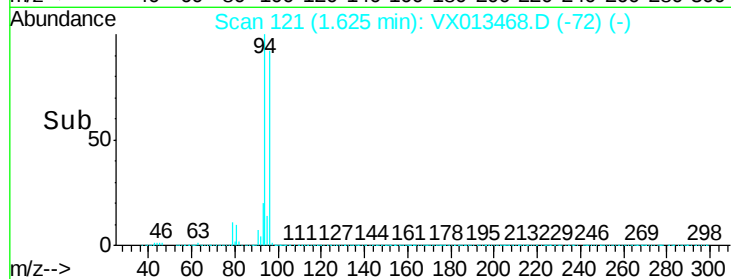
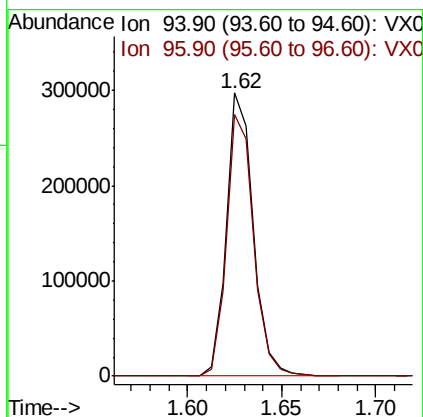
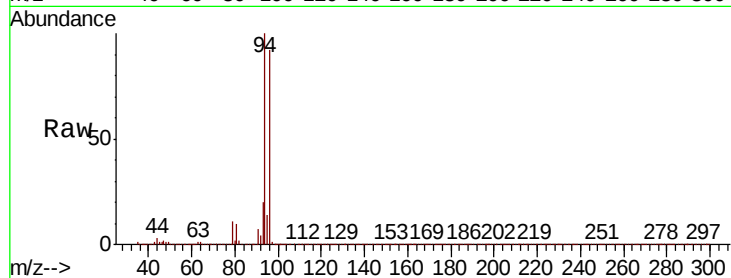
VSTDCCC050

Tot Ion: 94 Resp: 291732

Ion Ratio Lower Upper

94 100

96 92.4 75.8 113.8



#6

Chloroethane

Concen: 46.958 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013468.D

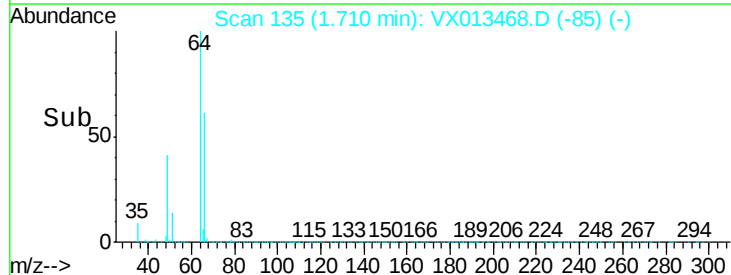
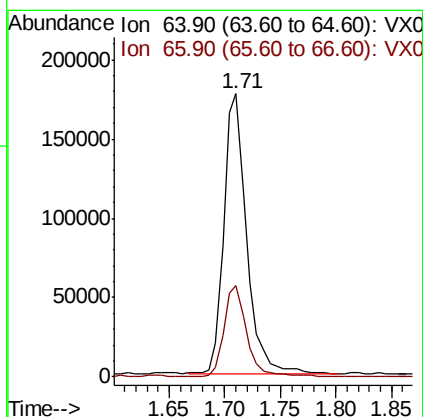
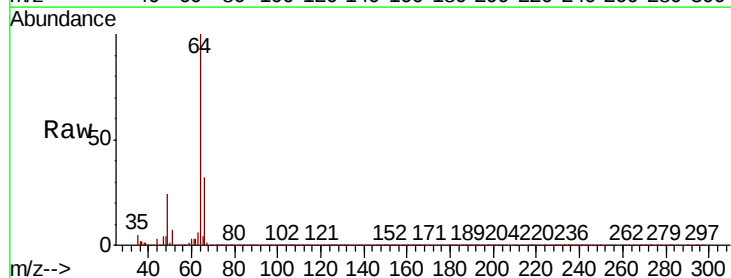
Acq: 20 Nov 2019 09:57

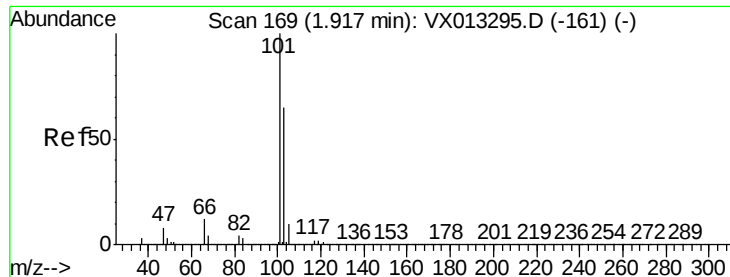
Tgt Ion: 64 Resp: 250716

Ion Ratio Lower Upper

64 100

66 32.4 25.6 38.4



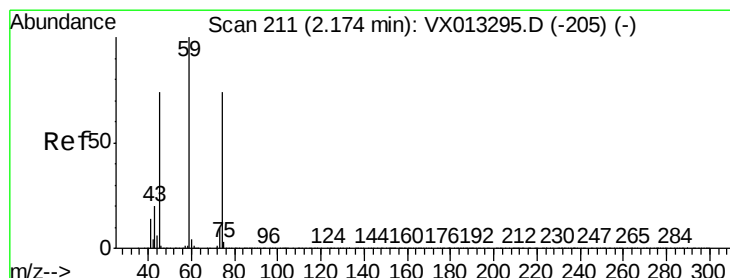
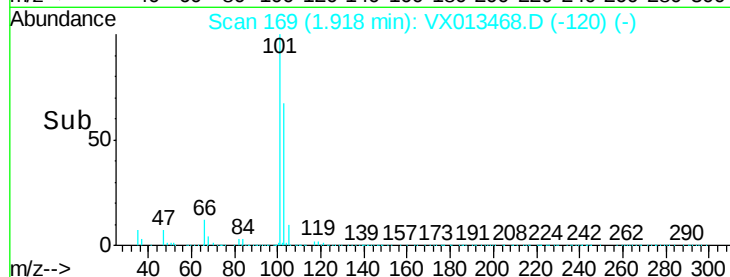
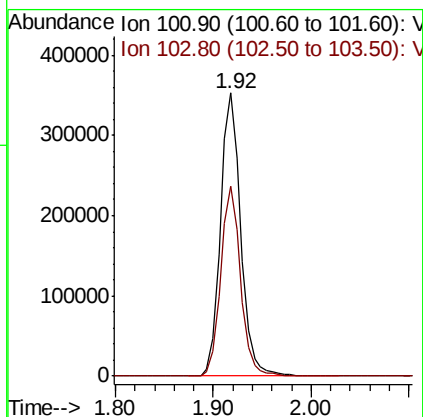
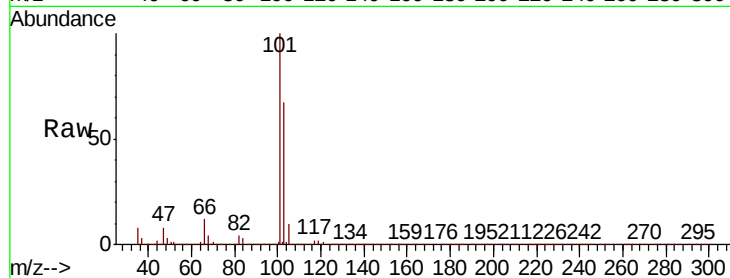


#7

Trichlorofluoromethane
Concen: 46.002 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013468.D
Acq: 20 Nov 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

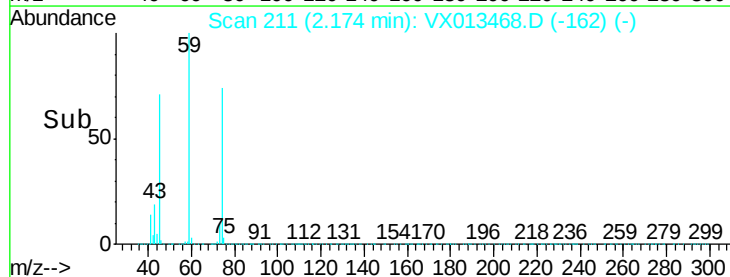
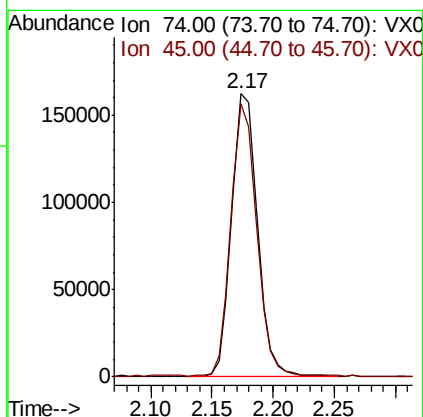
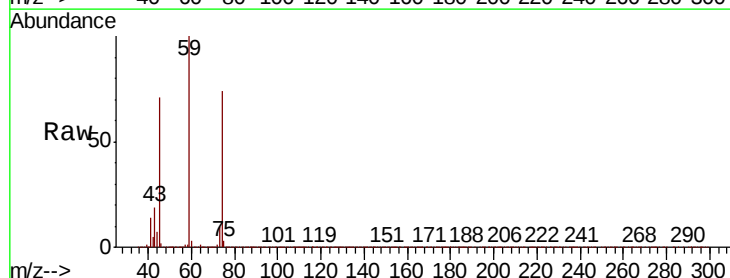
Tot Ion:101 Resp: 506837
Ion Ratio Lower Upper
101 100
103 66.8 52.3 78.5

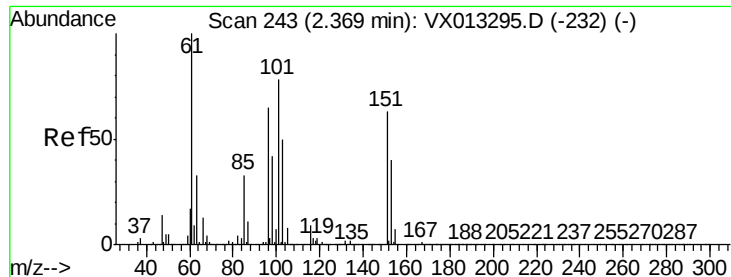


#8

Diethyl Ether
Concen: 48.491 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX013468.D
Acq: 20 Nov 2019 09:57

Tgt Ion: 74 Resp: 236257
Ion Ratio Lower Upper
74 100
45 96.3 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.762 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

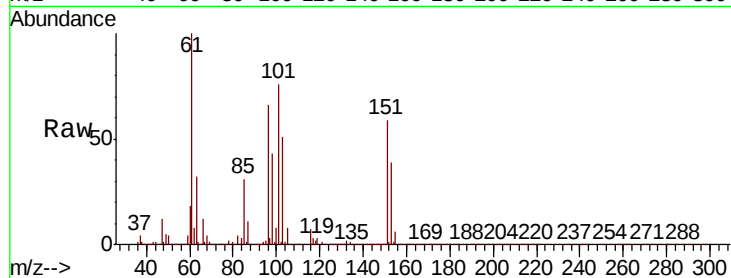
Tot Ion:101 Resp: 317866

Ion Ratio Lower Upper

101 100

85 42.2 34.4 51.6

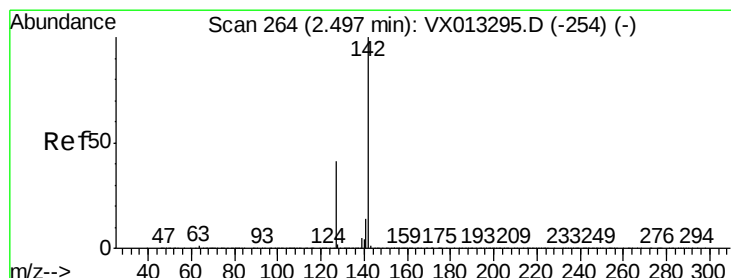
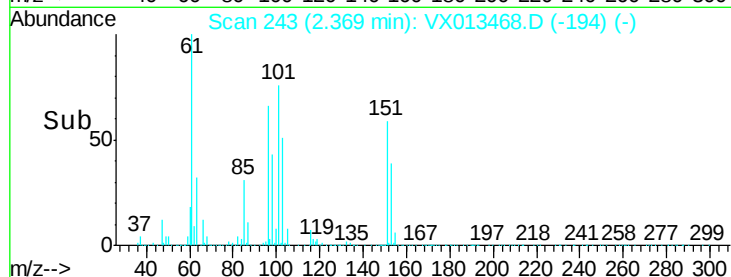
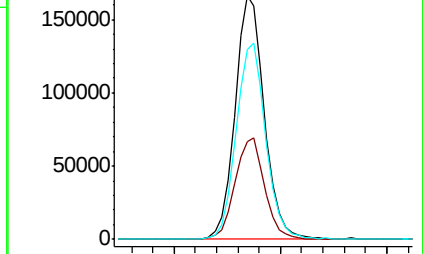
151 82.4 66.4 99.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.833 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

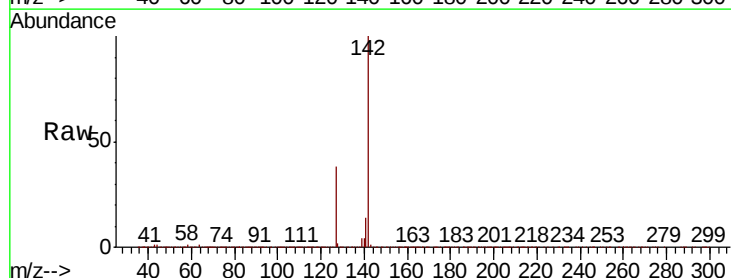
Tgt Ion:142 Resp: 363669

Ion Ratio Lower Upper

142 100

127 39.1 32.6 49.0

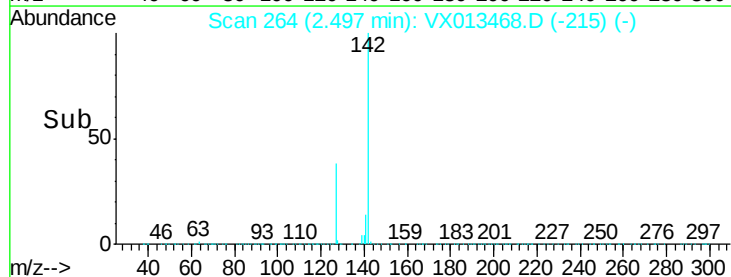
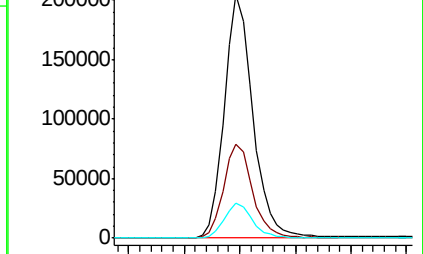
141 14.2 11.6 17.4

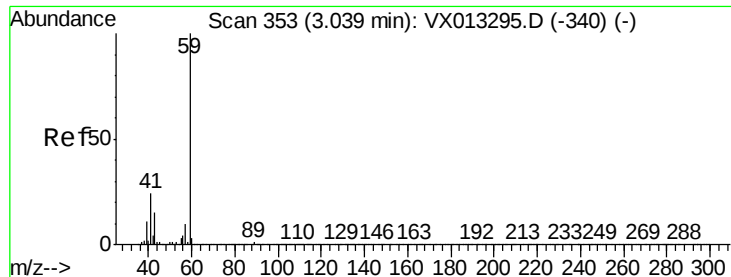


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



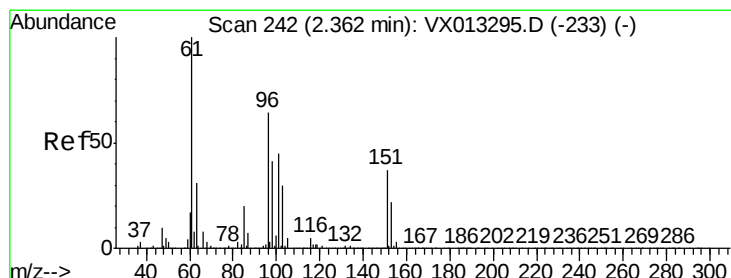
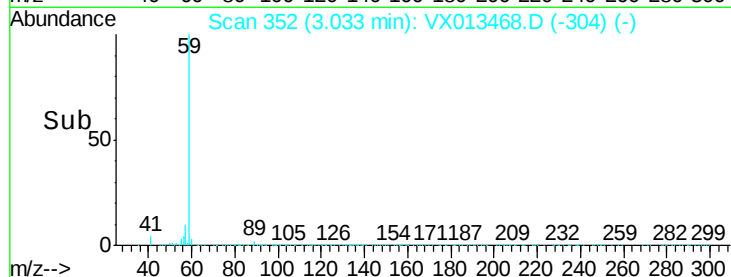
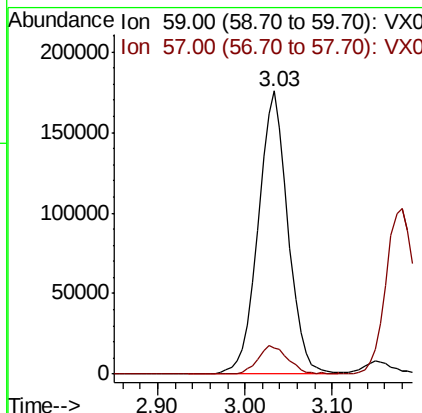
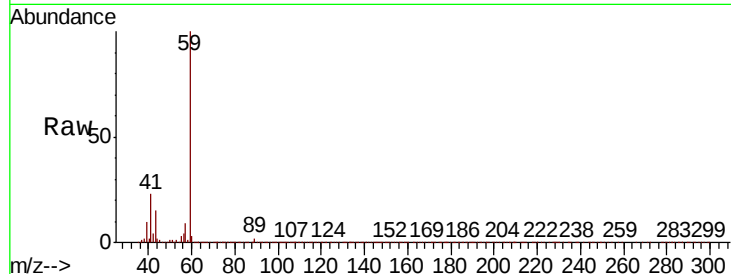


#11

Tert butyl alcohol
Concen: 201.448 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX013468.D
Acq: 20 Nov 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

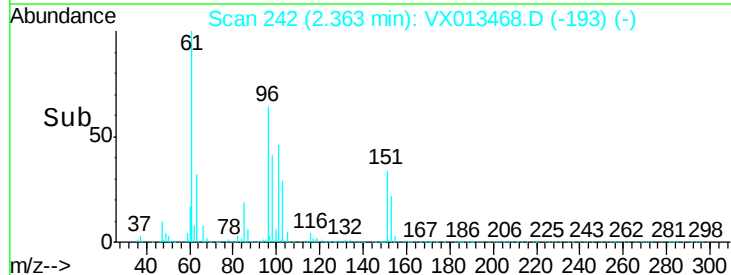
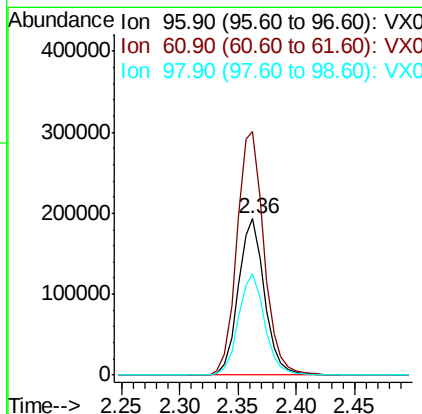
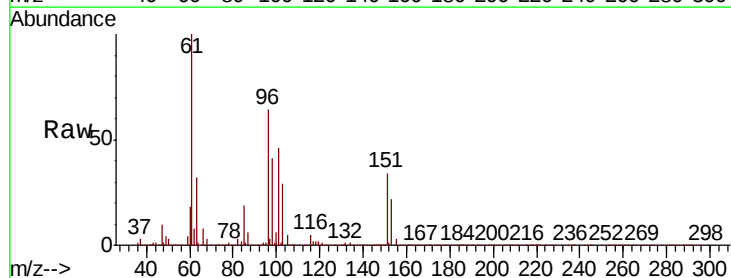
Tot Ion: 59 Resp: 412383
Ion Ratio Lower Upper
59 100
57 9.9 8.0 12.0

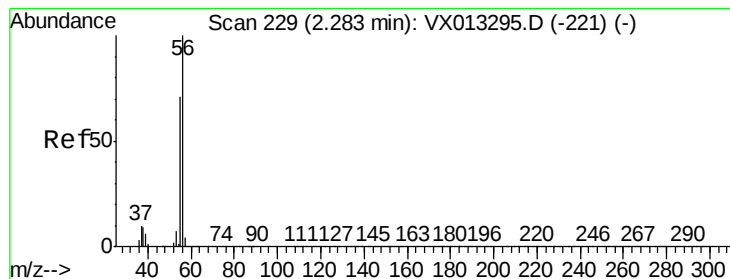


#12

1,1-Dichloroethene
Concen: 50.429 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013468.D
Acq: 20 Nov 2019 09:57

Tgt Ion: 96 Resp: 303260
Ion Ratio Lower Upper
96 100
61 155.6 125.0 187.6
98 64.5 50.7 76.1





#13

Acrolein

Concen: 253.868 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

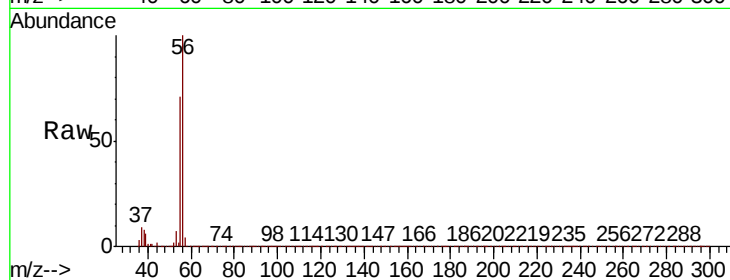
VSTDCCC050

Tot Ion: 56 Resp: 281658

Ion Ratio Lower Upper

56 100

55 70.1 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

200000

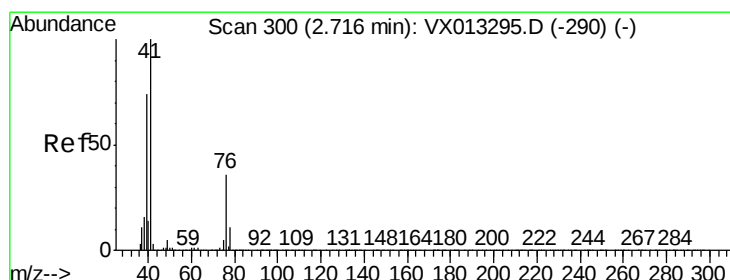
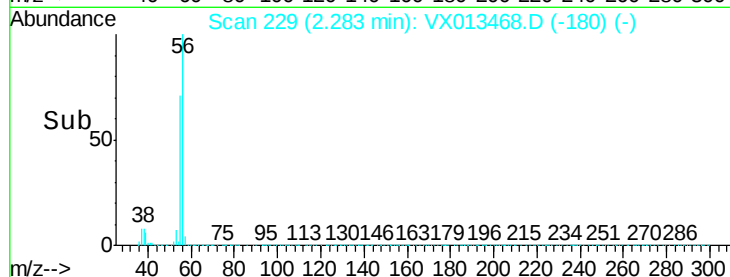
150000

100000

50000

0

Time--> 2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 52.761 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

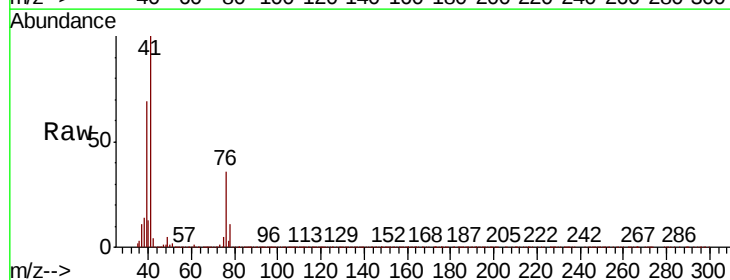
Tgt Ion: 41 Resp: 576488

Ion Ratio Lower Upper

41 100

39 66.1 55.8 83.8

76 32.6 26.4 39.6



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

500000

400000

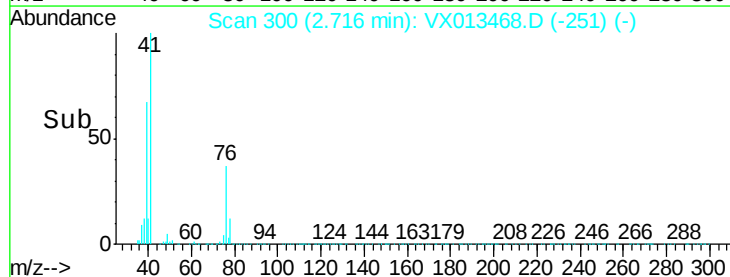
300000

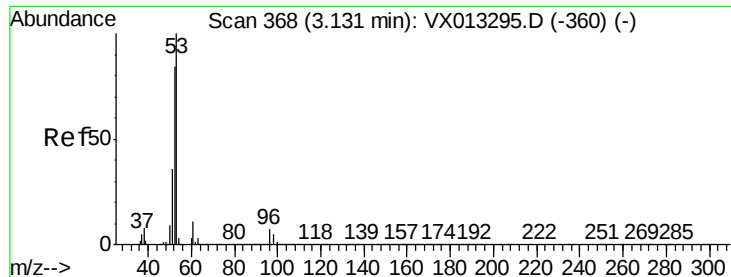
200000

100000

0

Time--> 2.60 2.70 2.80





#15

Acrylonitrile

Concen: 260.166 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

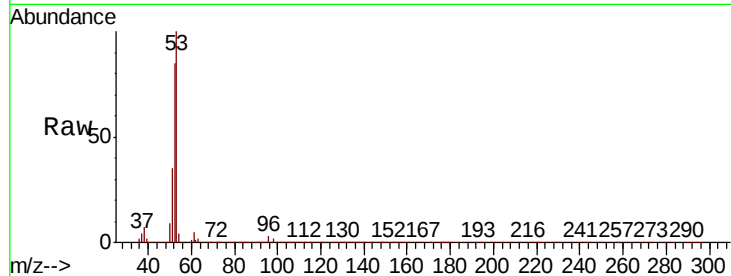
Tot Ion: 53 Resp: 994842

Ion Ratio Lower Upper

53 100

52 82.8 67.4 101.0

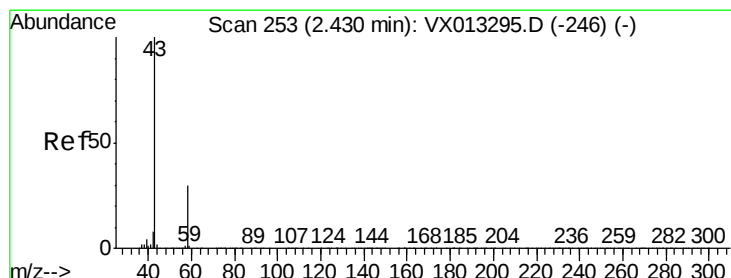
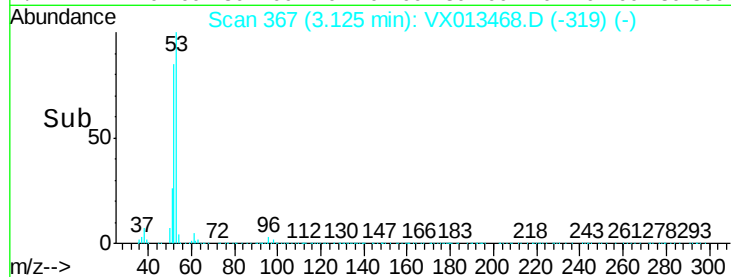
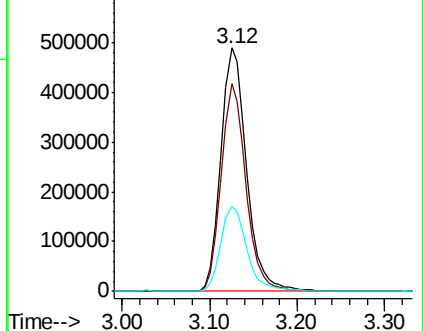
51 35.7 29.4 44.2



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: 252.567 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013468.D

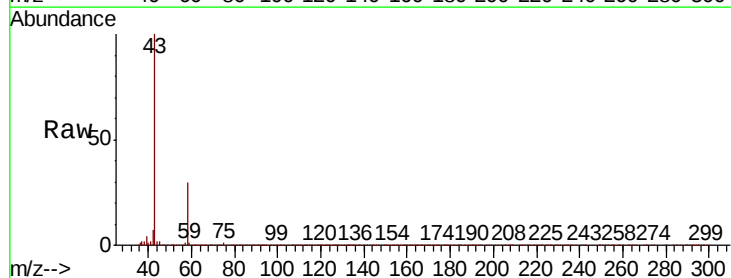
Acq: 20 Nov 2019 09:57

Tgt Ion: 43 Resp: 978434

Ion Ratio Lower Upper

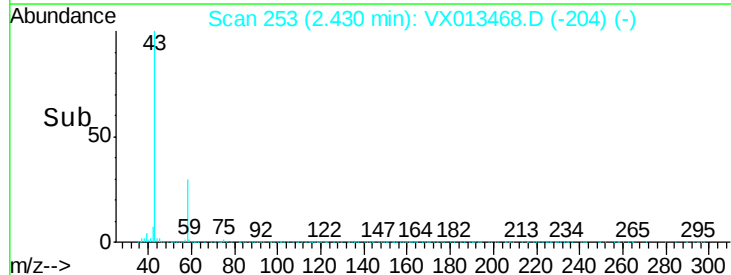
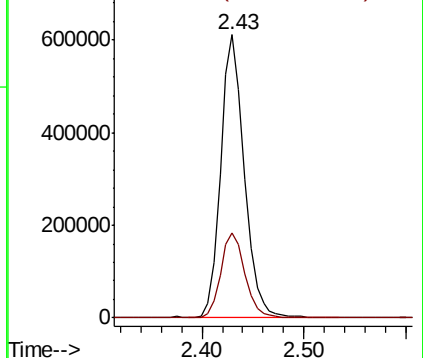
43 100

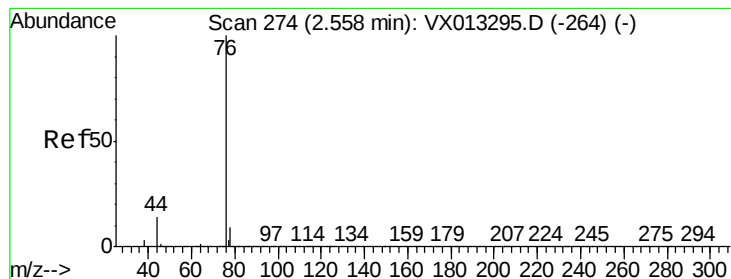
58 30.0 24.3 36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.824 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

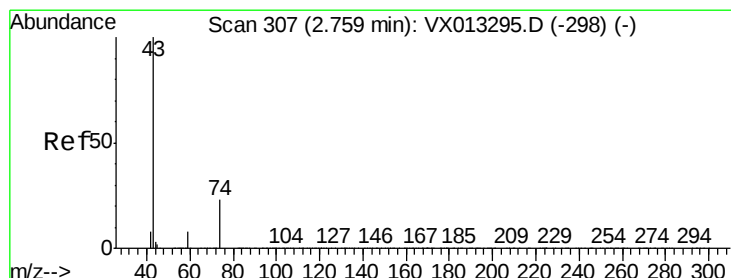
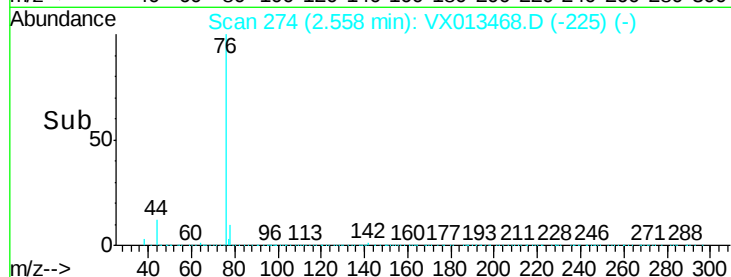
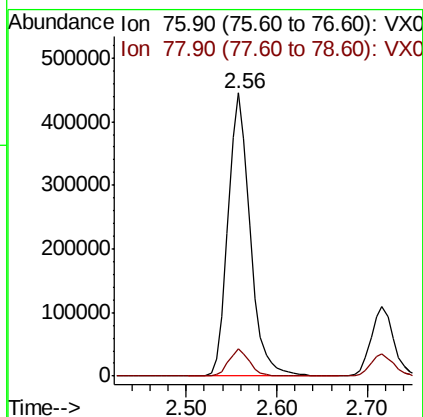
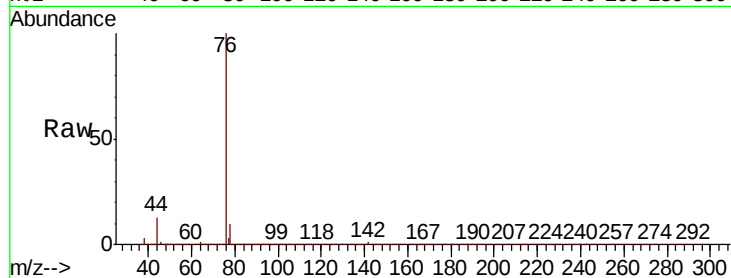
VSTDCCC050

Tot Ion: 76 Resp: 753662

Ion Ratio Lower Upper

76 100

78 9.7 7.0 10.6



#18

Methyl Acetate

Concen: 53.394 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013468.D

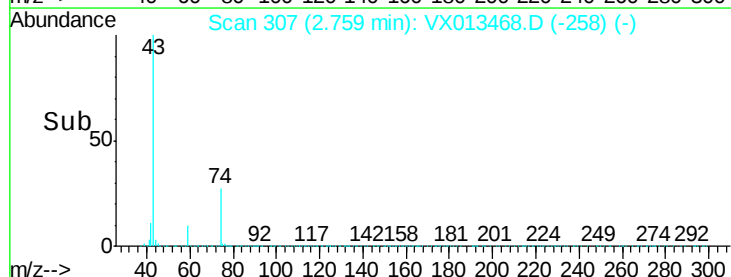
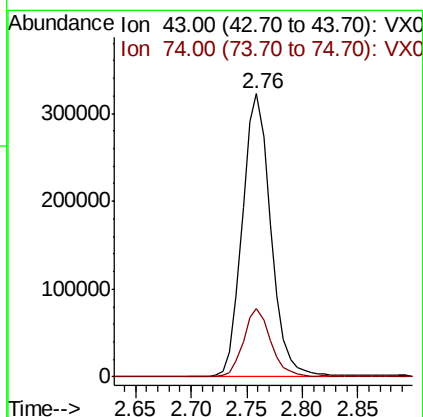
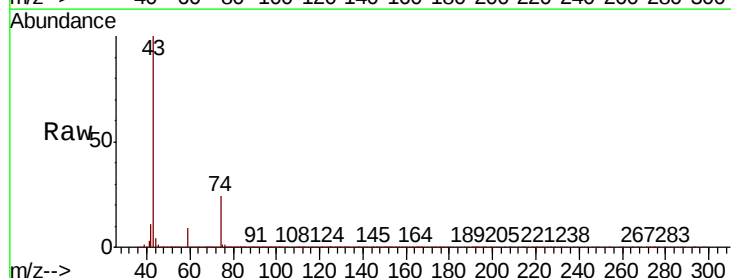
Acq: 20 Nov 2019 09:57

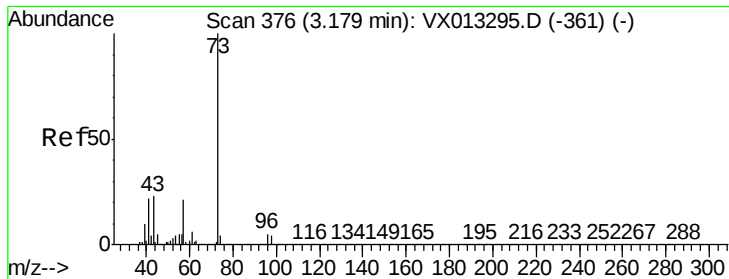
Tgt Ion: 43 Resp: 571054

Ion Ratio Lower Upper

43 100

74 23.4 19.0 28.6

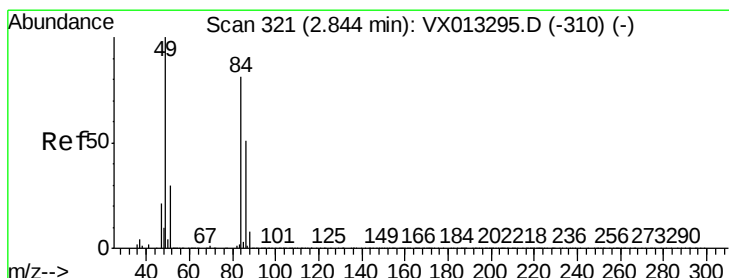
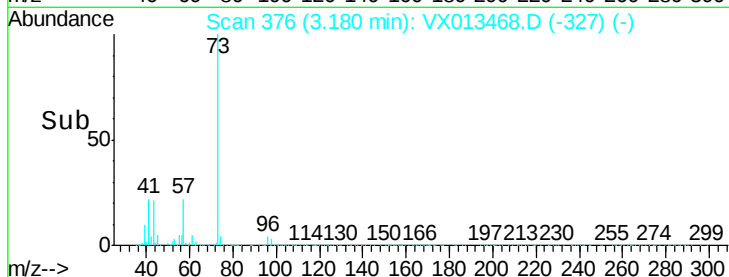
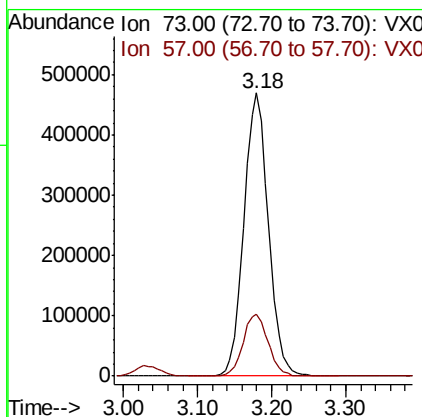
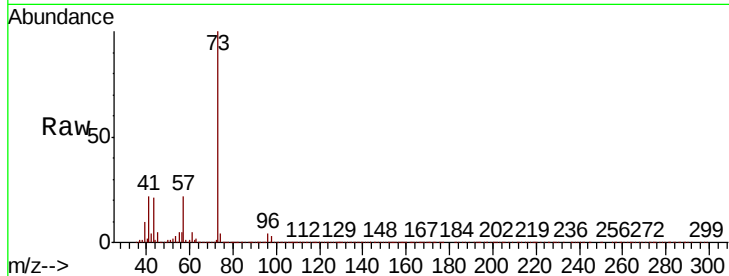




#19
Methyl tert-butyl Ether
Concen: 53.982 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013468.D
Acq: 20 Nov 2019 09:57

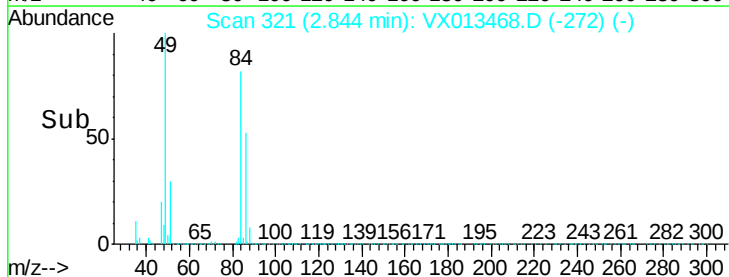
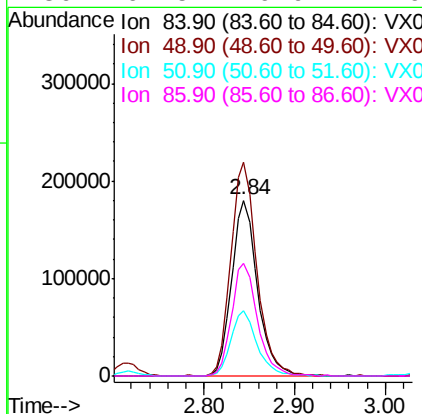
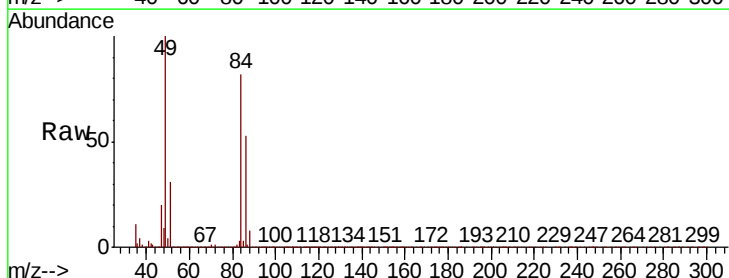
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

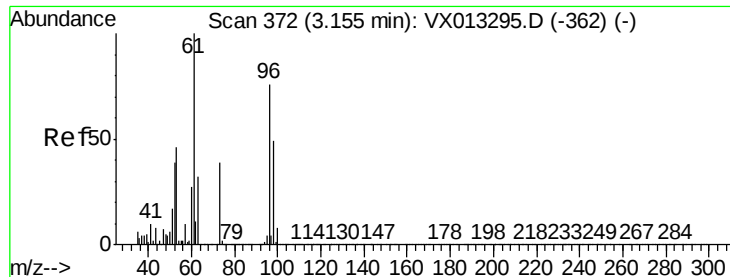
Tot Ion: 73 Resp: 1082724
Ion Ratio Lower Upper
73 100
57 21.8 17.1 25.7



#20
Methylene Chloride
Concen: 49.750 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013468.D
Acq: 20 Nov 2019 09:57

Tgt Ion: 84 Resp: 356090
Ion Ratio Lower Upper
84 100
49 121.6 98.2 147.4
51 37.0 29.9 44.9
86 64.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 50.581 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

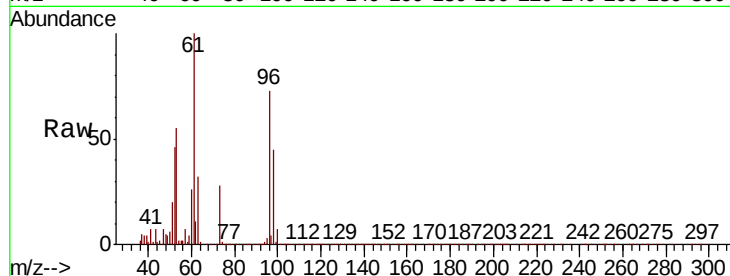
Tot Ion: 96 Resp: 331188

Ion Ratio Lower Upper

96 100

61 136.3 105.8 158.6

98 61.4 51.8 77.6

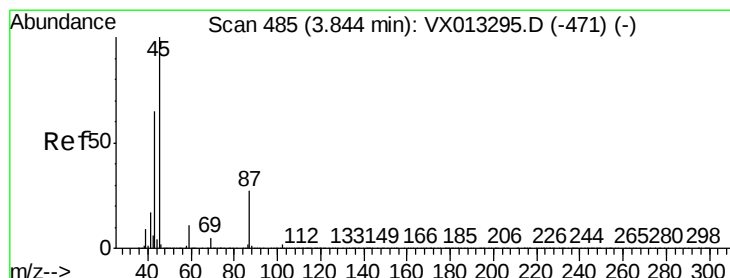
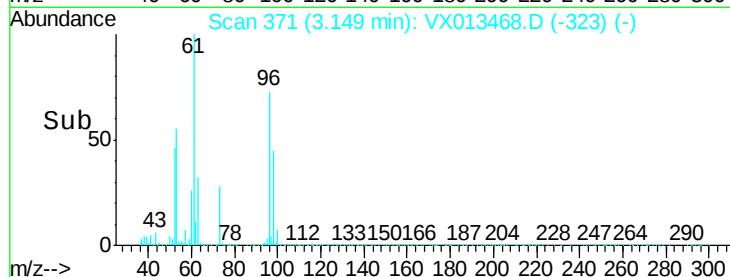
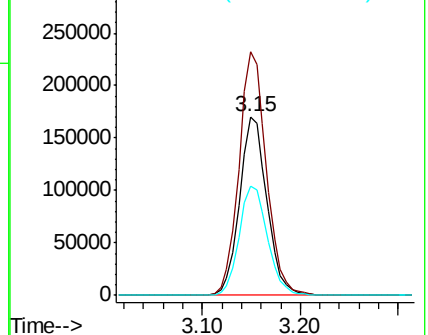


Abundance

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: 55.264 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

Tgt Ion: 45 Resp: 1165782

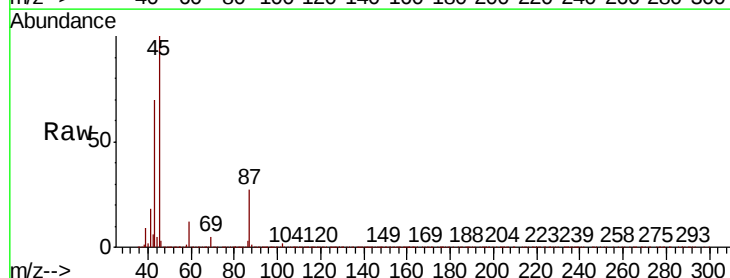
Ion Ratio Lower Upper

45 100

43 69.1 54.2 81.2

87 27.2 21.8 32.8

59 11.5 8.5 12.7



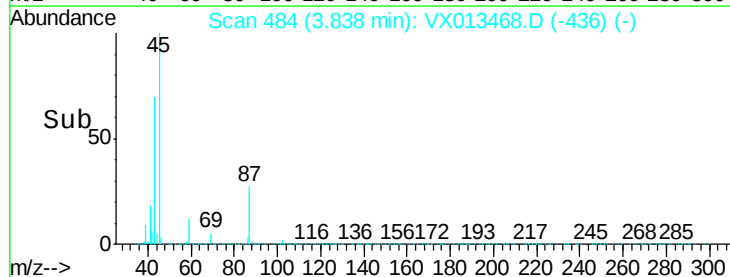
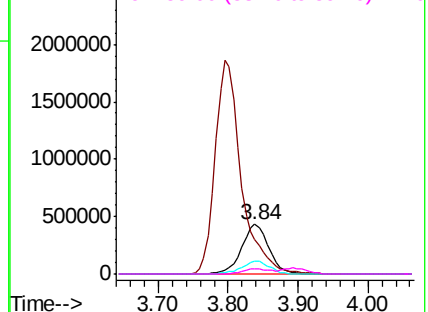
Abundance

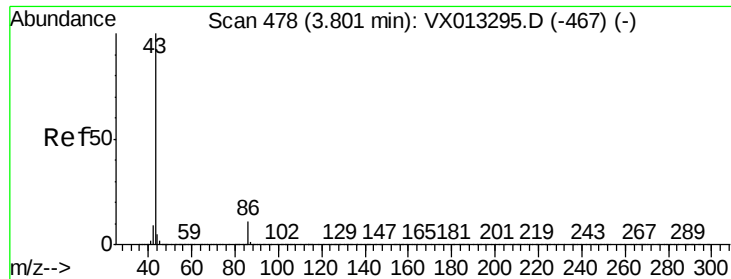
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 267.377 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

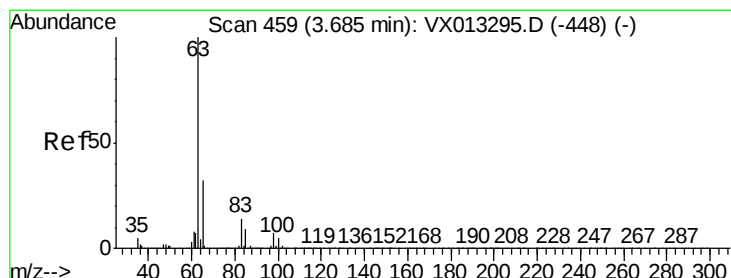
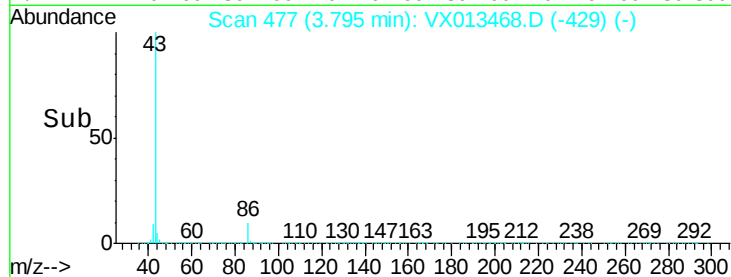
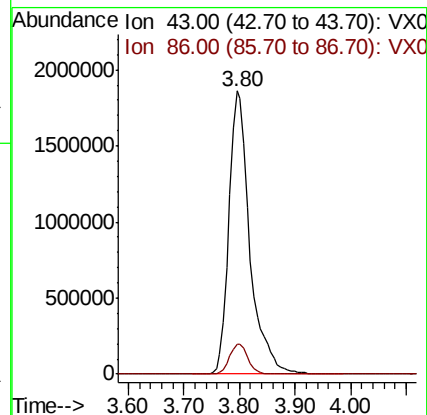
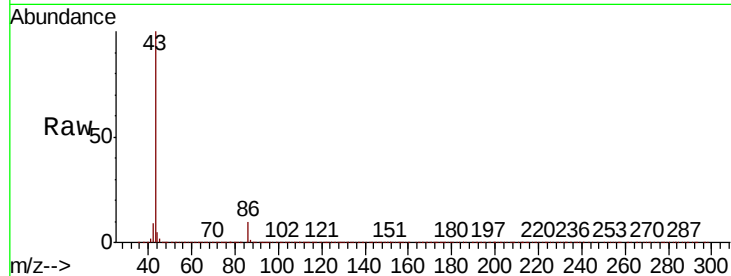
VSTDCCC050

Tot Ion: 43 Resp: 4826355

Ion Ratio Lower Upper

43 100

86 10.4 8.6 13.0



#24

1,1-Dichloroethane

Concen: 52.452 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

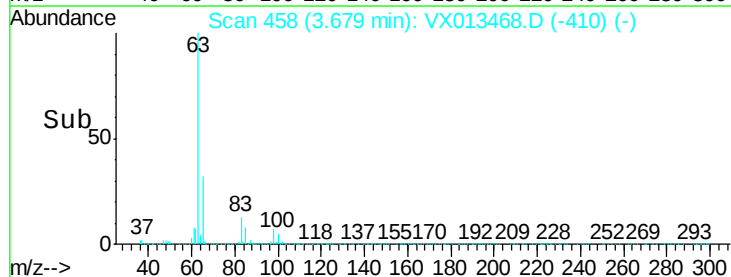
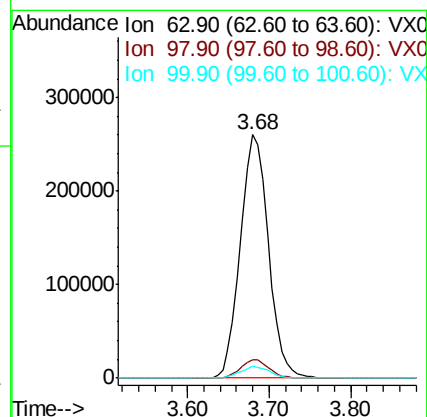
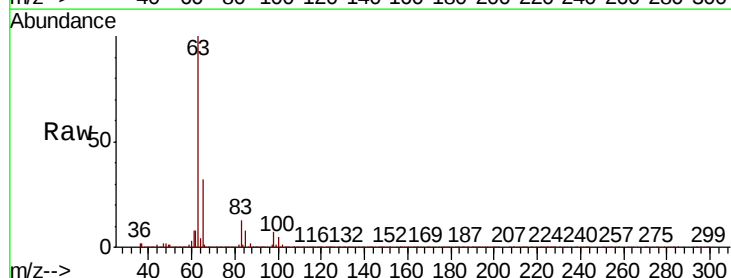
Tgt Ion: 63 Resp: 618968

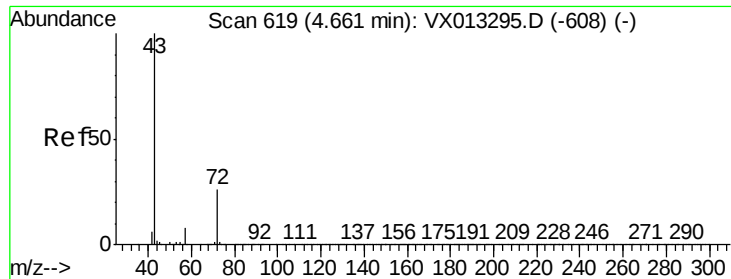
Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

100 4.7 2.4 7.2

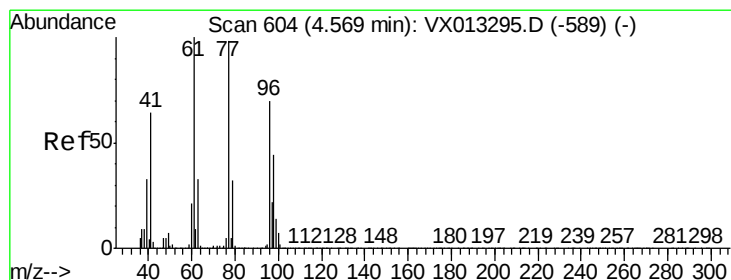
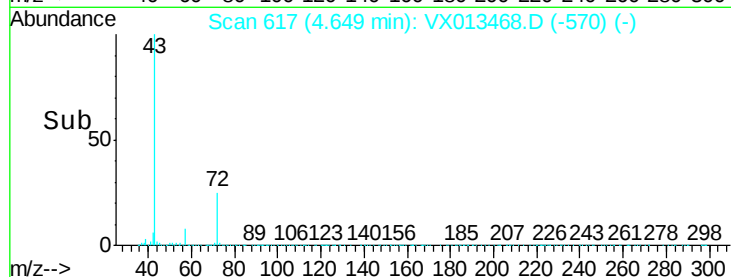
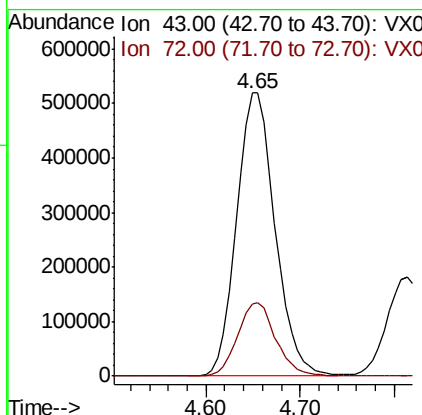
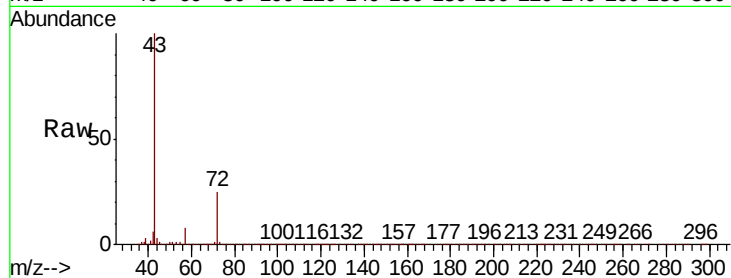




#25
2-Butanone
Concen: 258.852 ug/l
RT: 4.65 min Scan# 617
Delta R.T. -0.01 min
Lab File: VX013468.D
Acq: 20 Nov 2019 09:57

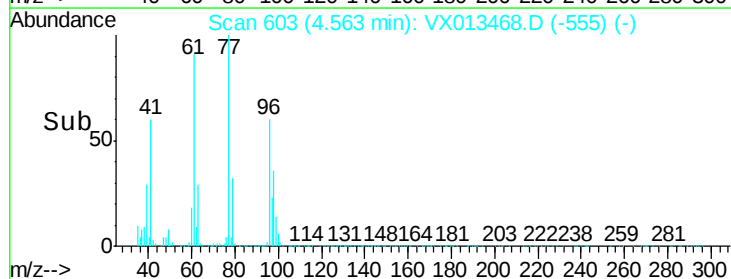
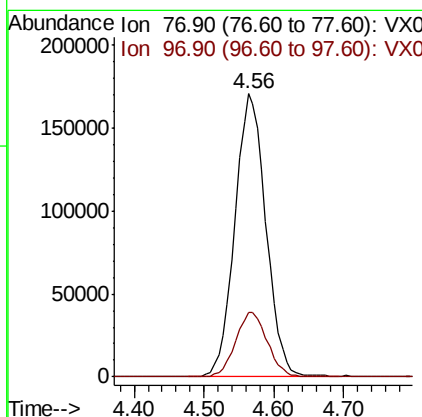
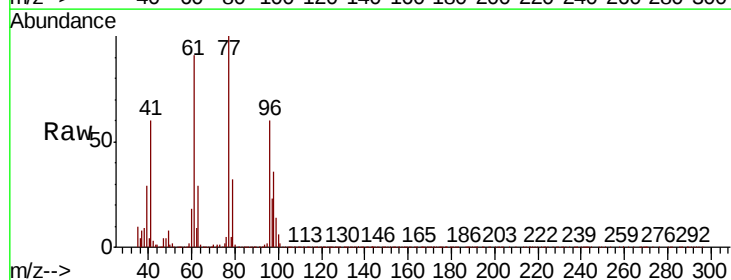
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

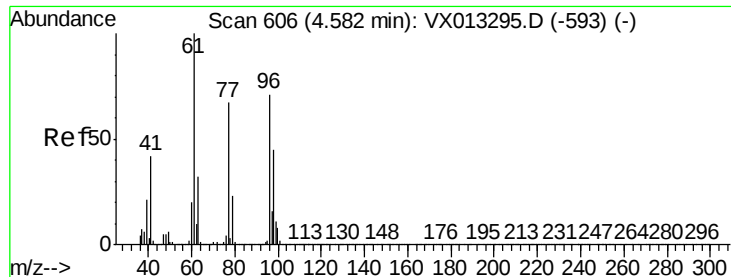
Tot Ion: 43 Resp: 1471095
Ion Ratio Lower Upper
43 100
72 25.3 21.0 31.6



#26
2,2-Dichloropropane
Concen: 55.605 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX013468.D
Acq: 20 Nov 2019 09:57

Tgt Ion: 77 Resp: 522004
Ion Ratio Lower Upper
77 100
97 23.1 11.3 33.8



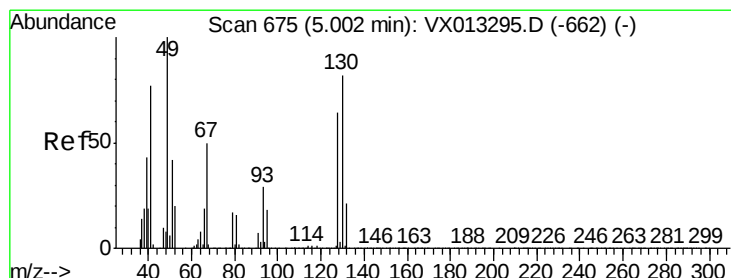
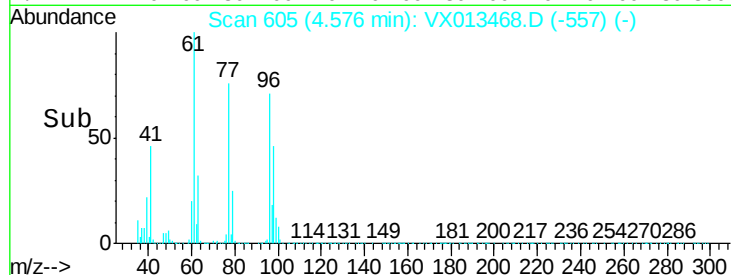
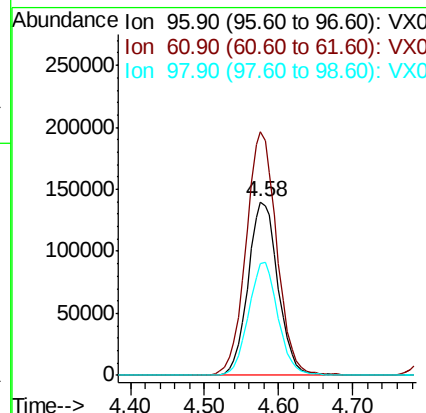
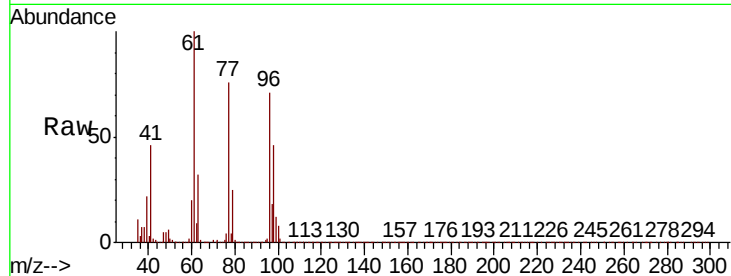


#27

cis-1,2-Dichloroethene
Concen: 53.629 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX013468.D
Acq: 20 Nov 2019 09:57

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

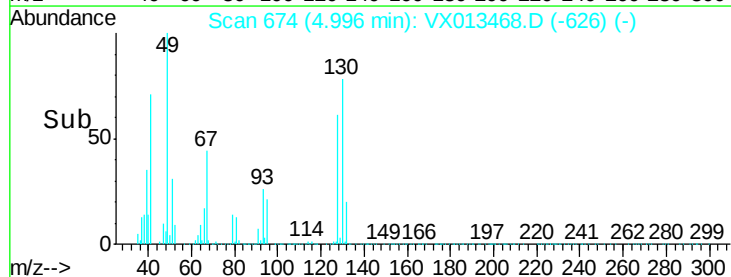
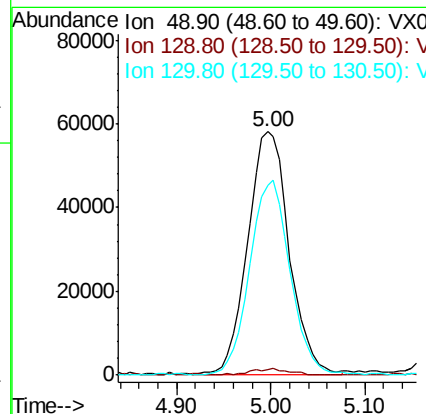
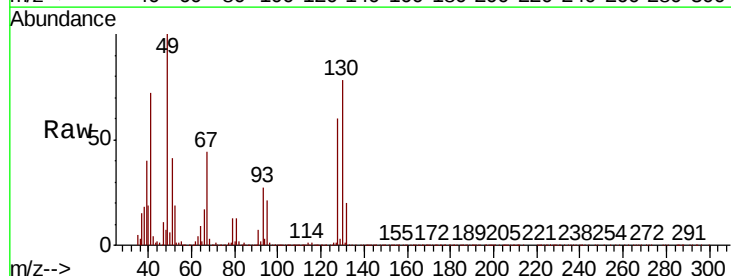
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.7	0.0	288.0
98	64.1	0.0	129.6

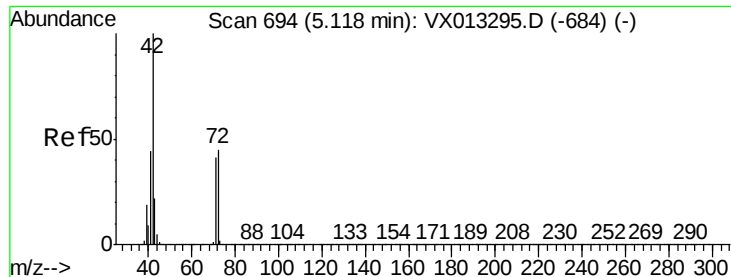


#28

Bromochloromethane
Concen: 53.085 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013468.D
Acq: 20 Nov 2019 09:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.2
130	78.1	63.8	95.6





#29

Tetrahydrofuran

Concen: 255.397 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

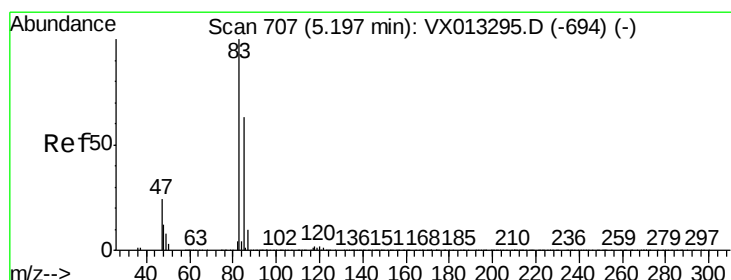
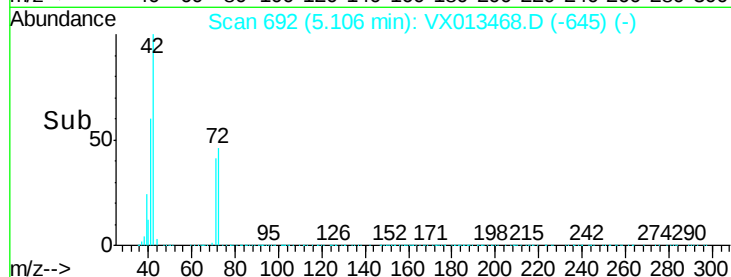
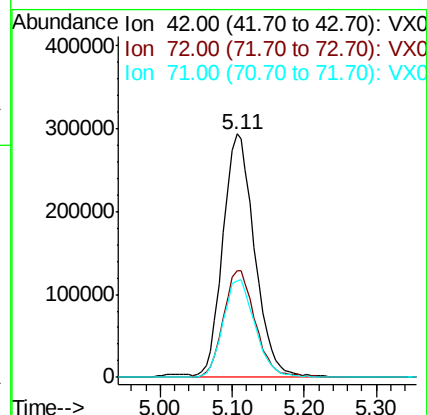
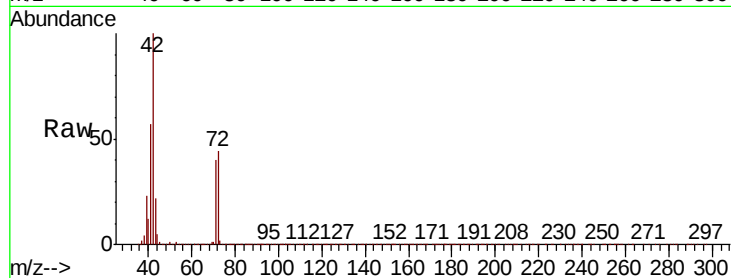
Tot Ion: 42 Resp: 894451

Ion Ratio Lower Upper

42 100

72 44.3 35.8 53.8

71 40.6 33.4 50.0



#30

Chloroform

Concen: 52.847 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX013468.D

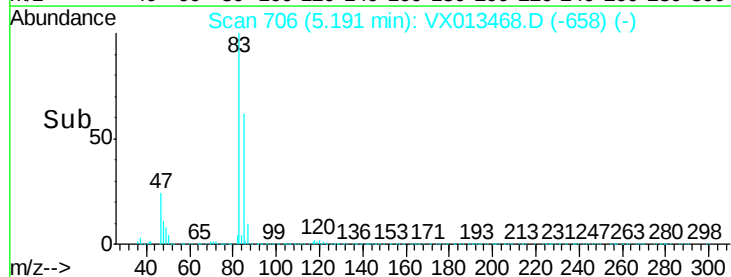
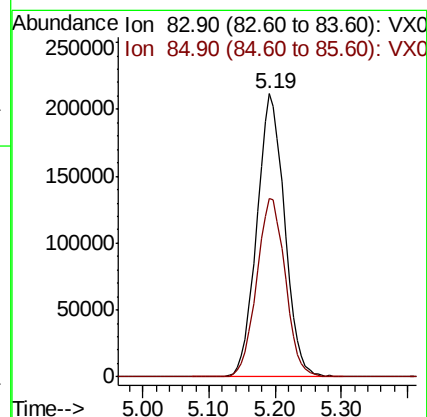
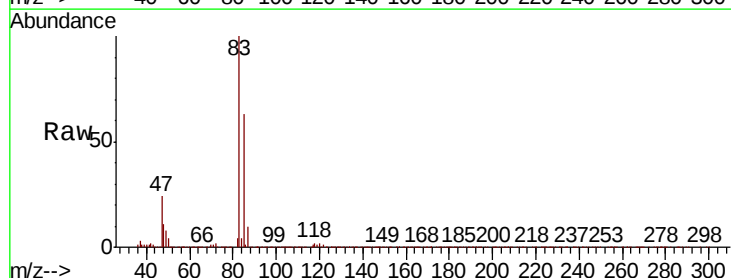
Acq: 20 Nov 2019 09:57

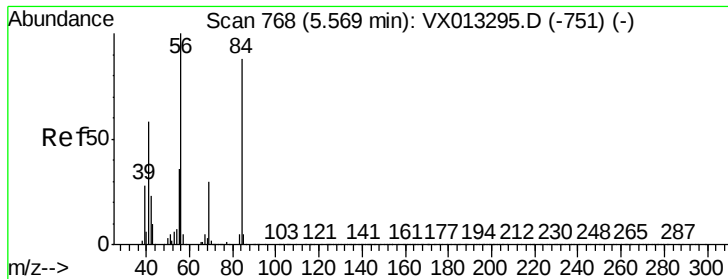
Tgt Ion: 83 Resp: 615799

Ion Ratio Lower Upper

83 100

85 63.1 50.2 75.4

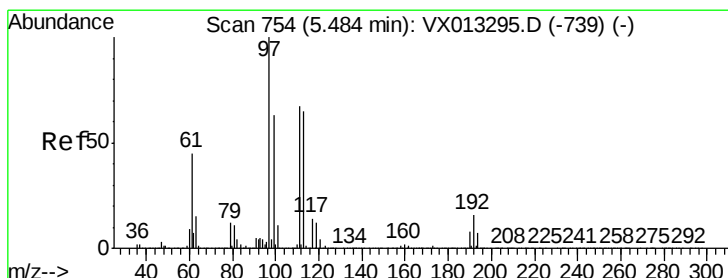
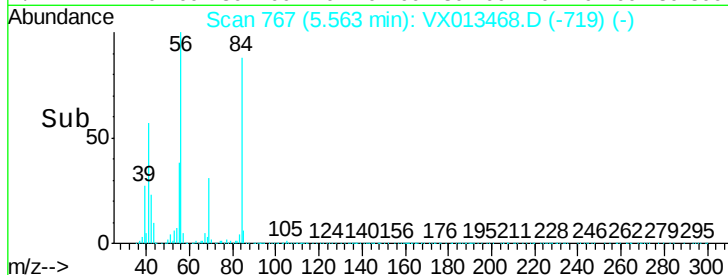
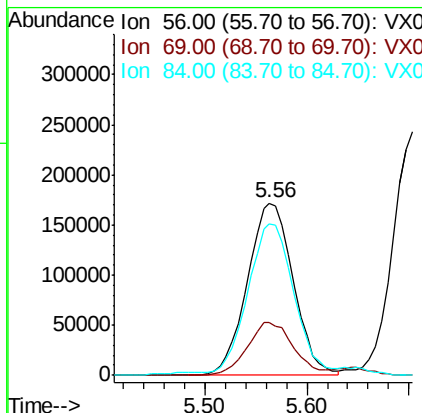
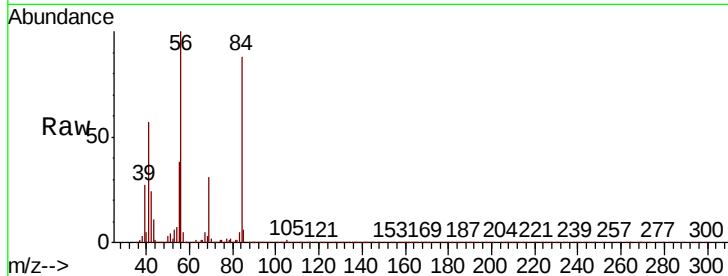




#31
Cyclohexane
Concen: 50.356 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013468.D
Acq: 20 Nov 2019 09:57

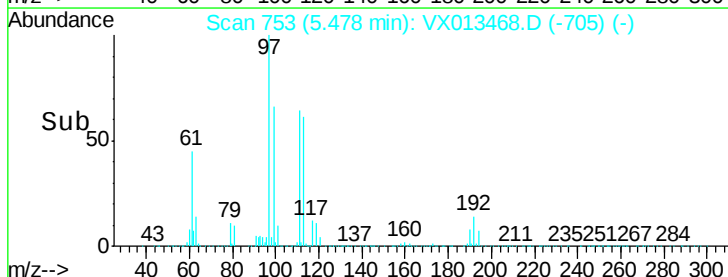
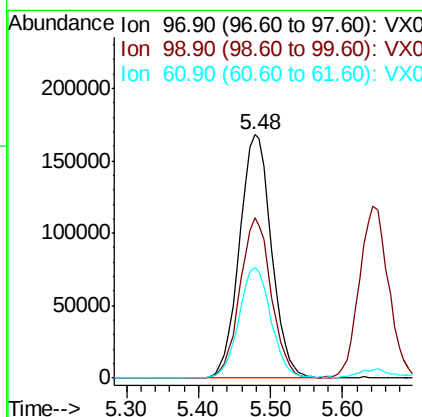
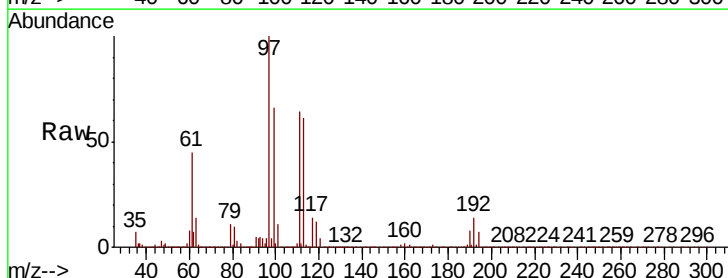
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 534705
Ion Ratio Lower Upper
56 100
69 30.8 23.7 35.5
84 86.5 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 51.638 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013468.D
Acq: 20 Nov 2019 09:57

Tgt Ion: 97 Resp: 517821
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 45.8 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 47.094 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

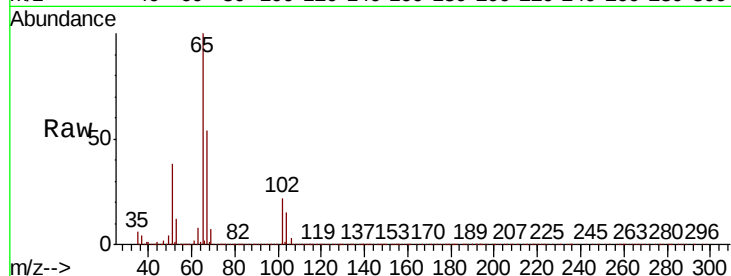
VSTDCCC050

Tot Ion: 65 Resp: 365764

Ion Ratio Lower Upper

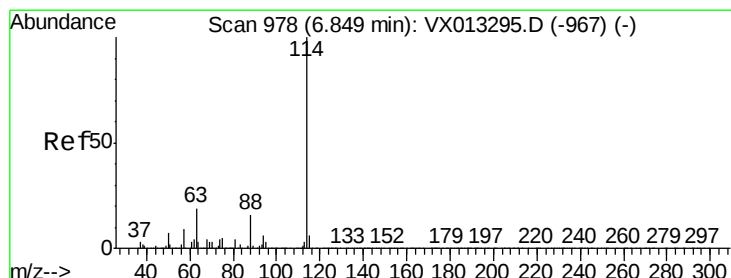
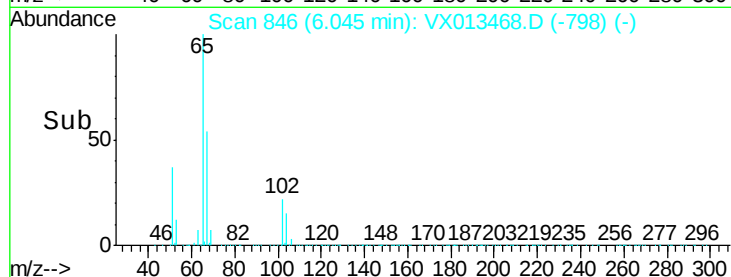
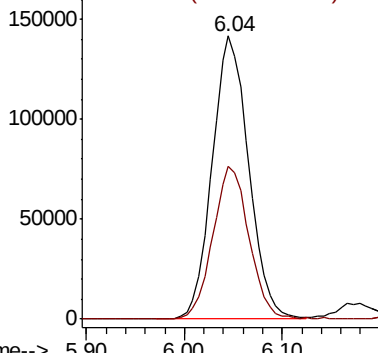
65 100

67 53.2 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

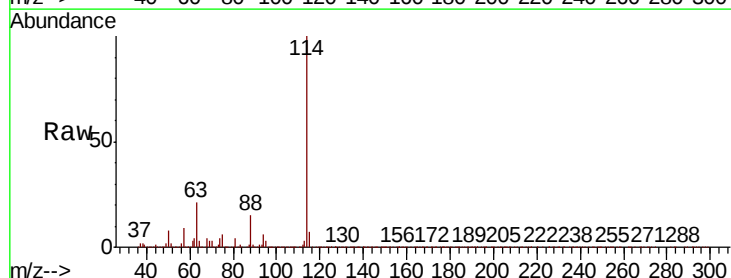
Tgt Ion: 114 Resp: 987554

Ion Ratio Lower Upper

114 100

63 20.5 0.0 38.4

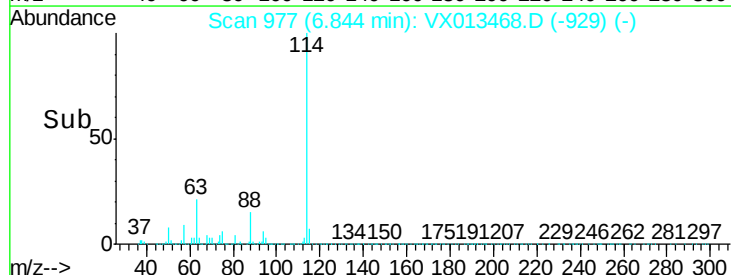
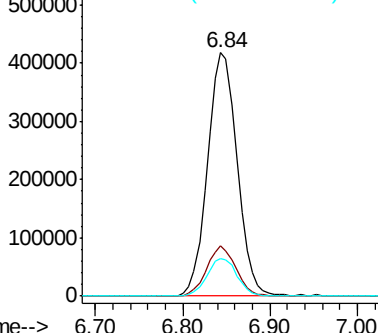
88 15.4 0.0 32.2

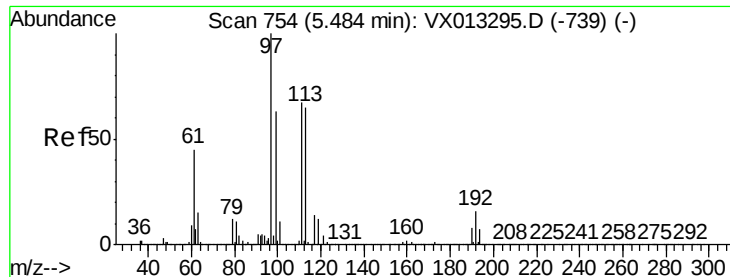


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.987 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

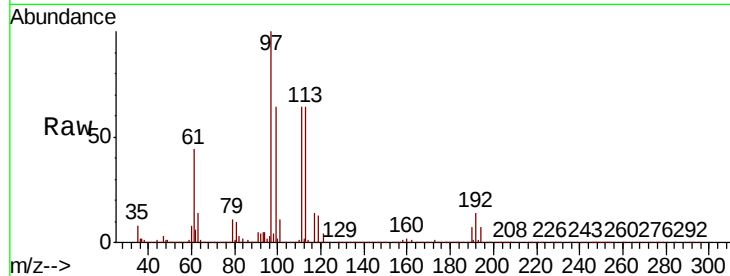
Tot Ion:113 Resp: 303431

Ion Ratio Lower Upper

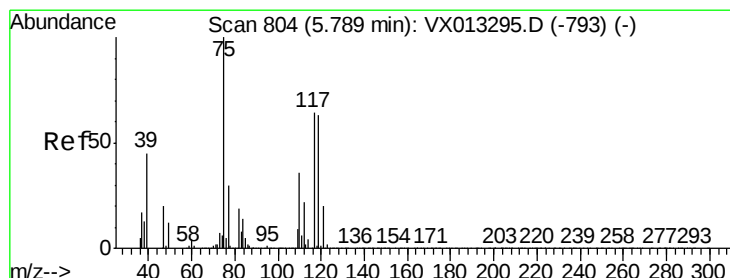
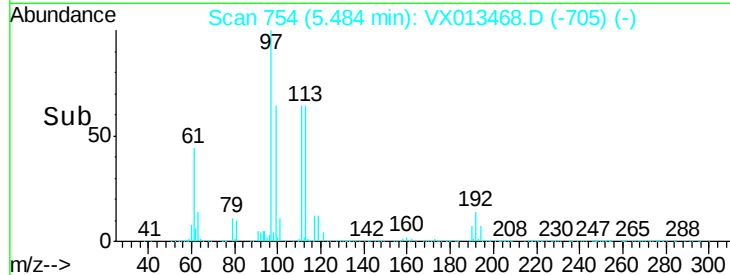
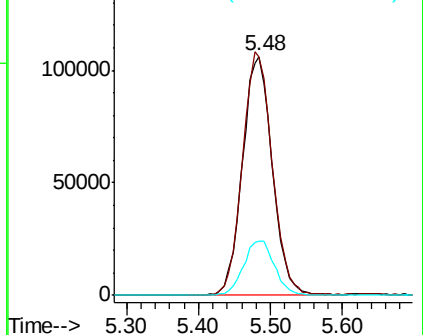
113 100

111 101.5 81.9 122.9

192 23.7 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 54.092 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

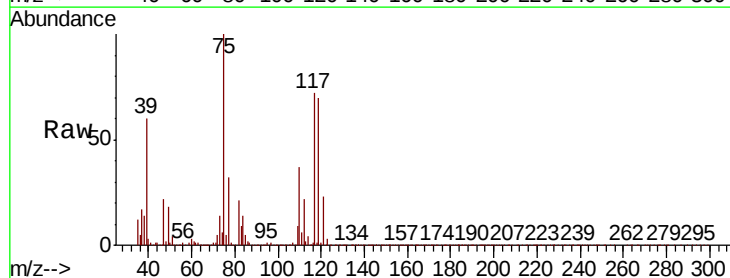
Tgt Ion: 75 Resp: 458267

Ion Ratio Lower Upper

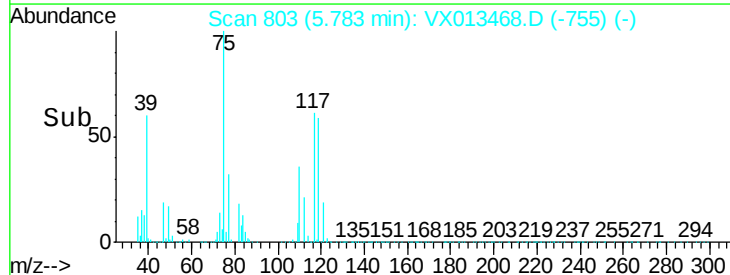
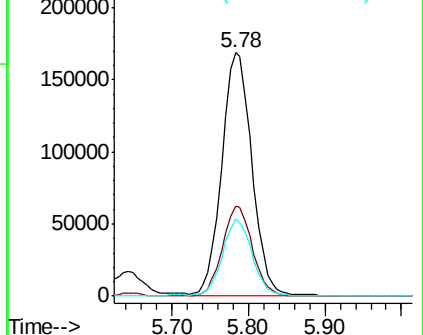
75 100

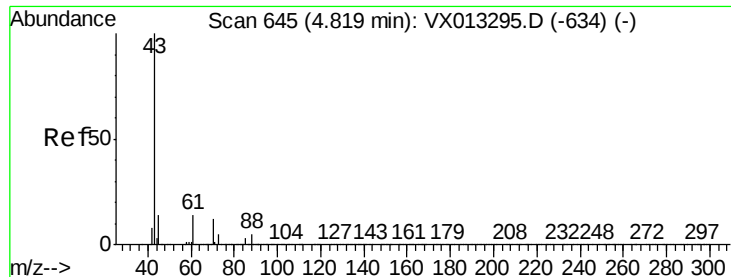
110 36.6 18.1 54.1

77 31.0 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

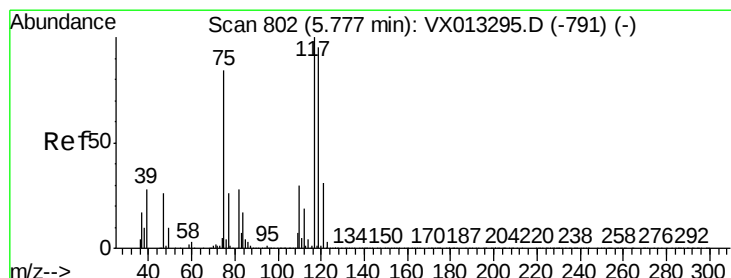
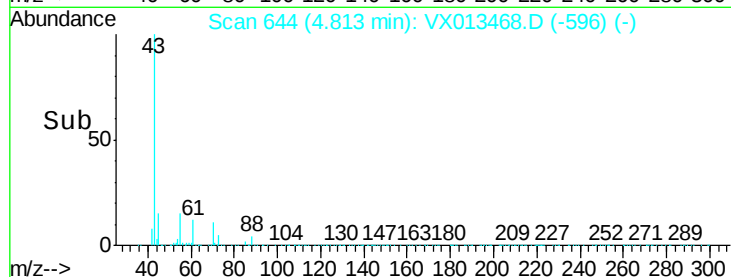
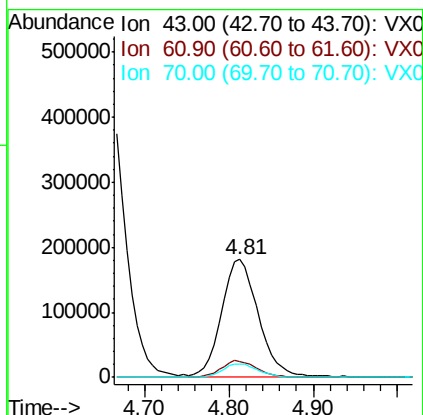
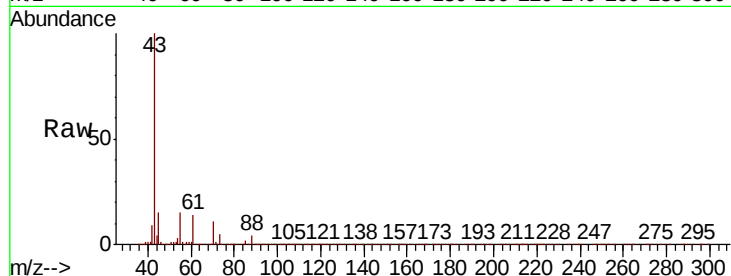




#37
Ethyl Acetate
Concen: 50.694 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013468.D
Acq: 20 Nov 2019 09:57

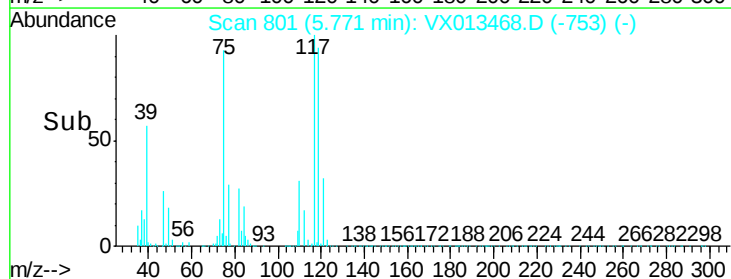
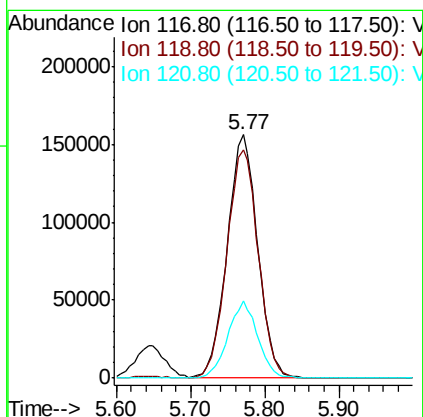
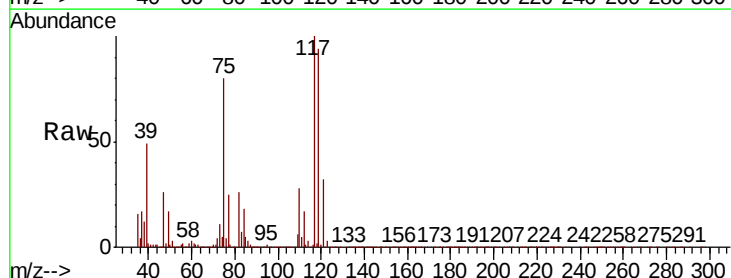
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

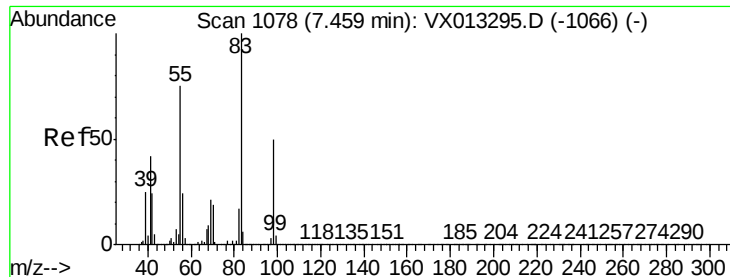
Tot Ion: 43 Resp: 530694
Ion Ratio Lower Upper
43 100
61 13.7 10.7 16.1
70 10.7 8.7 13.1



#38
Carbon Tetrachloride
Concen: 53.839 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013468.D
Acq: 20 Nov 2019 09:57

Tgt Ion: 117 Resp: 446035
Ion Ratio Lower Upper
117 100
119 93.7 76.1 114.1
121 31.4 24.6 37.0

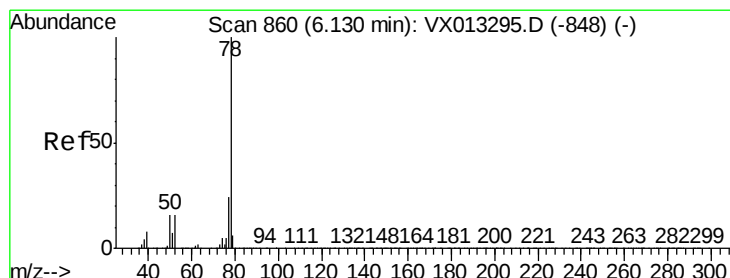
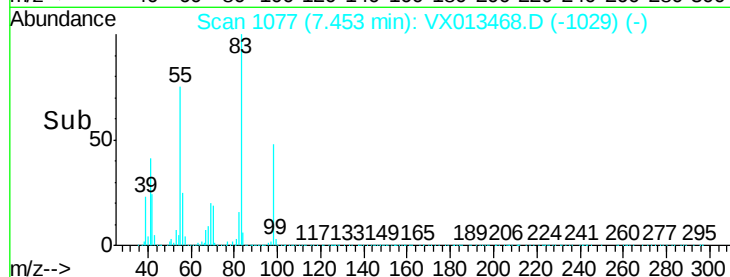
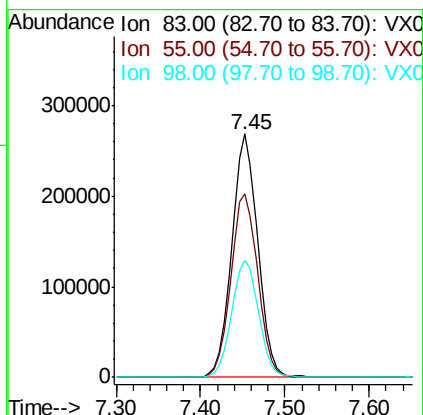
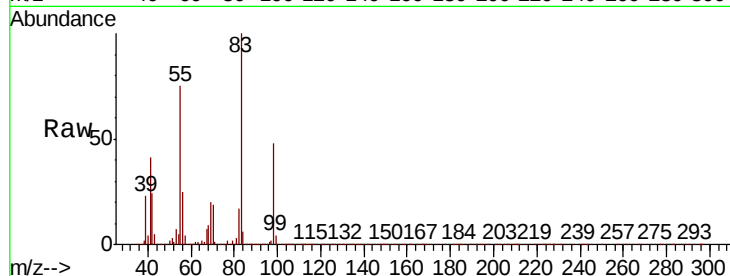




#39
Methvlcvclohexane
Concen: 52.856 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013468.D
Acq: 20 Nov 2019 09:57

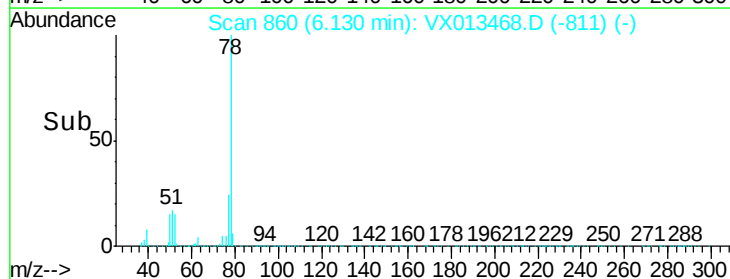
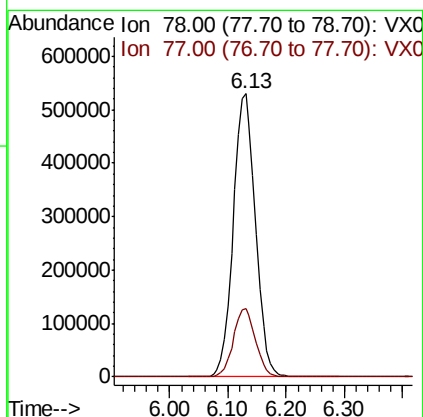
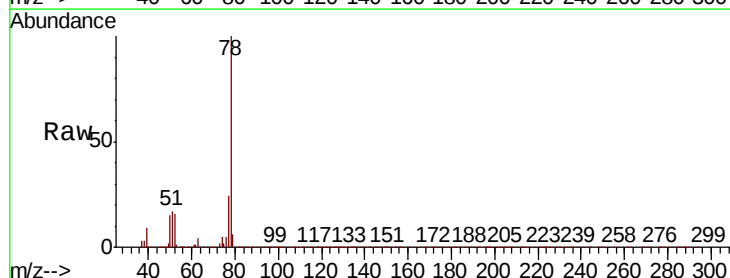
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	557966
Ion	Ratio	Lower	Upper
83	100		
55	75.1	60.3	90.5
98	47.8	40.3	60.5



#40
Benzene
Concen: 53.168 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013468.D
Acq: 20 Nov 2019 09:57

Tgt Ion	78	Resp	1403114
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.5	29.3

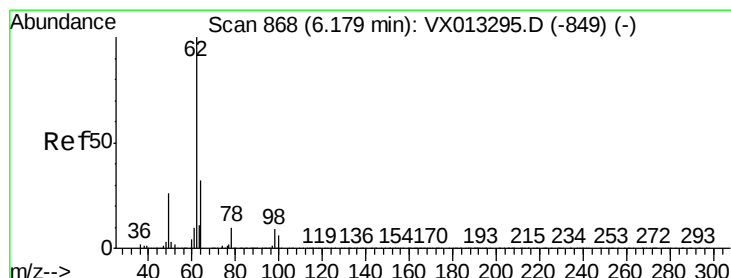
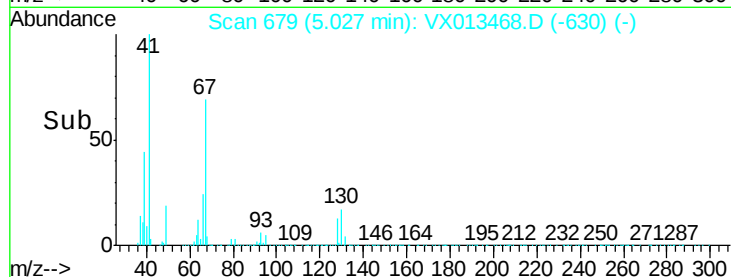
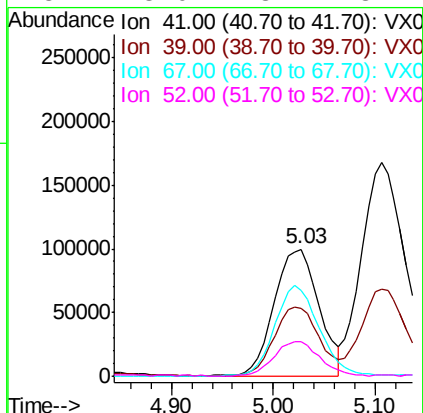
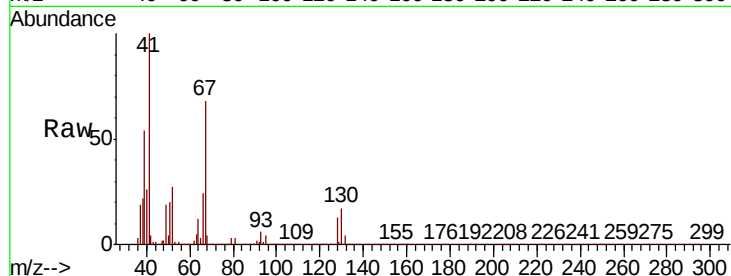




#41
Methacrylonitrile
Concen: 51.708 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013468.D
Acq: 20 Nov 2019 09:57

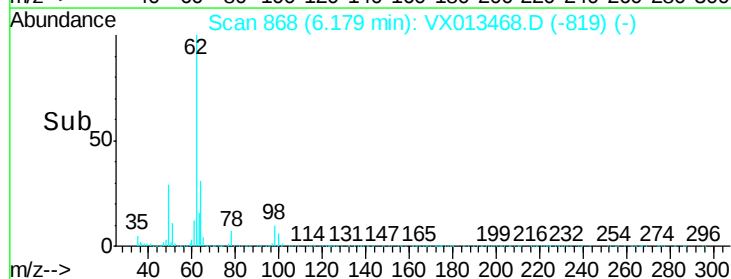
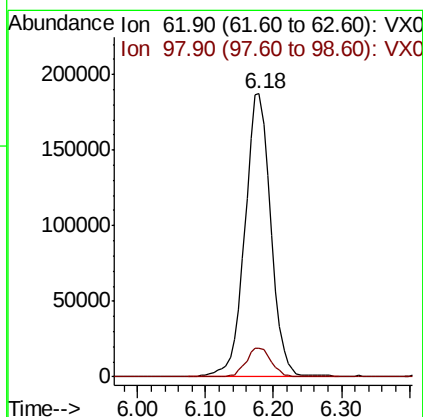
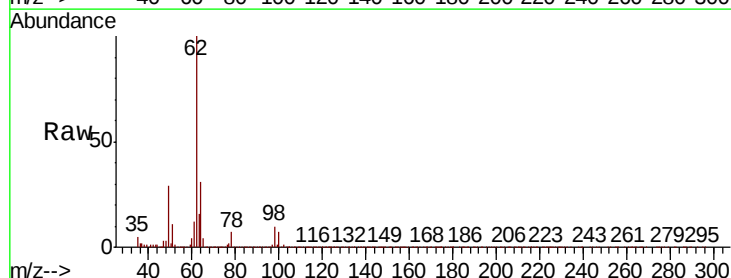
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

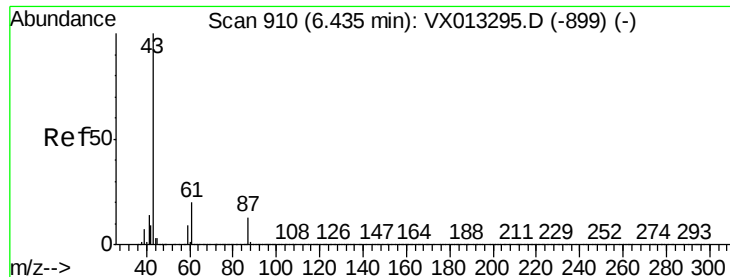
Tot Ion:	41	Resp:	303401
Ion	Ratio	Lower	Upper
41	100		
39	54.4	45.0	67.6
67	71.3	55.4	83.2
52	28.0	23.1	34.7



#42
1,2-Dichloroethane
Concen: 51.844 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX013468.D
Acq: 20 Nov 2019 09:57

Tgt Ion:	62	Resp:	493505
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.4





#43

Isopropyl Acetate

Concen: 54.032 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

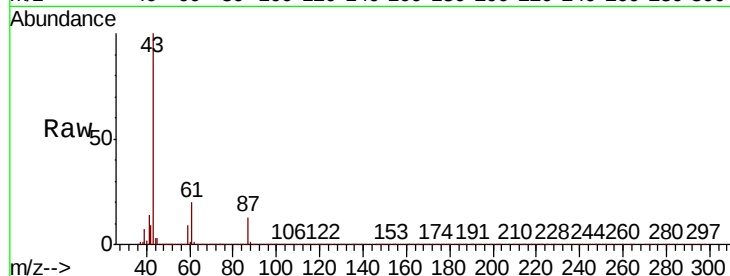
Tot Ion: 43 Resp: 880792

Ion Ratio Lower Upper

43 100

61 19.8 15.8 23.8

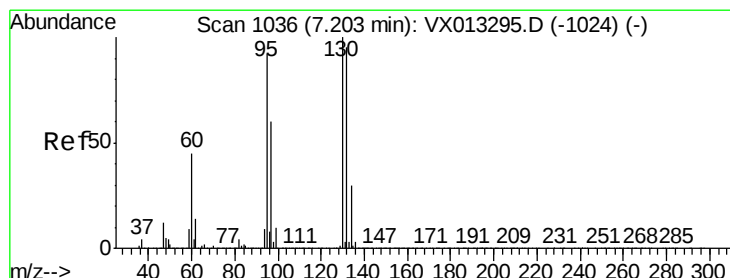
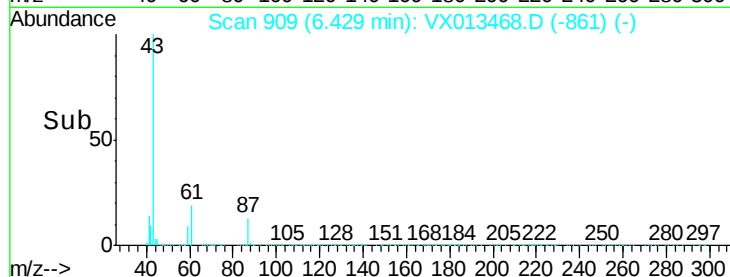
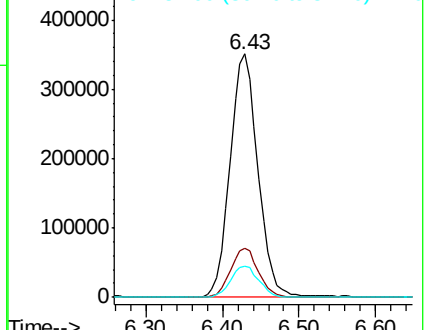
87 12.9 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 51.834 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013468.D

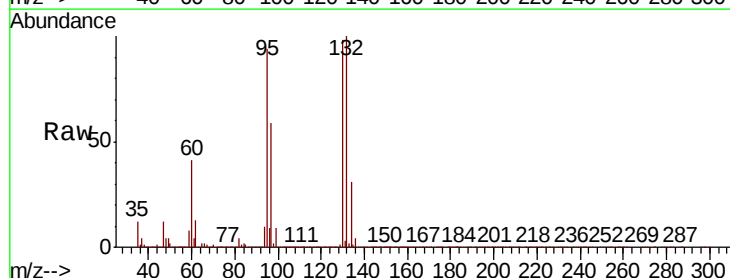
Acq: 20 Nov 2019 09:57

Tgt Ion:130 Resp: 376533

Ion Ratio Lower Upper

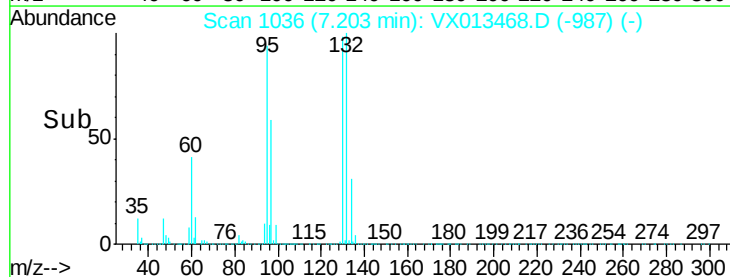
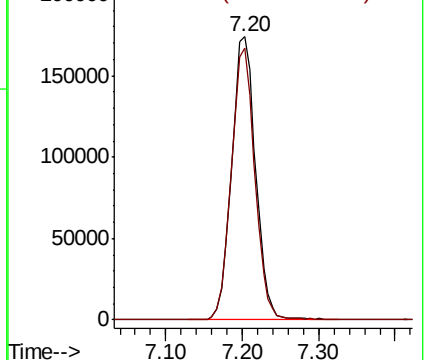
130 100

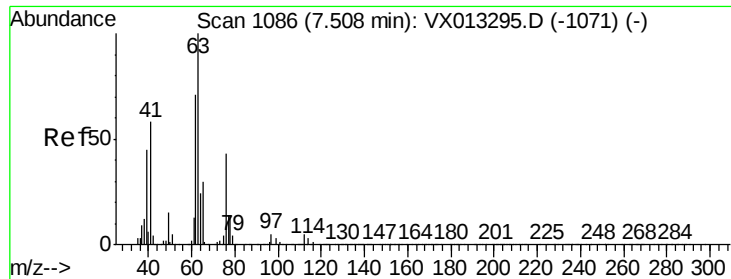
95 96.0 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 54.784 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

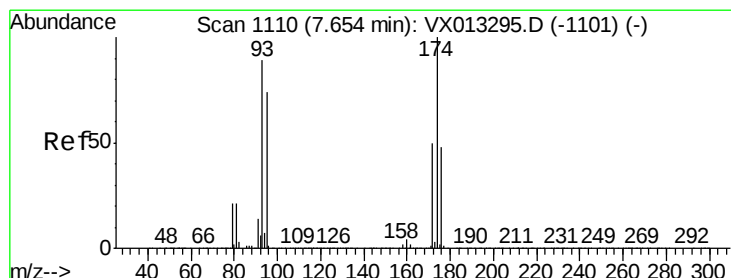
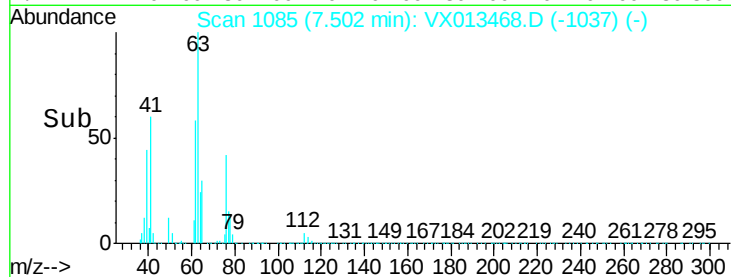
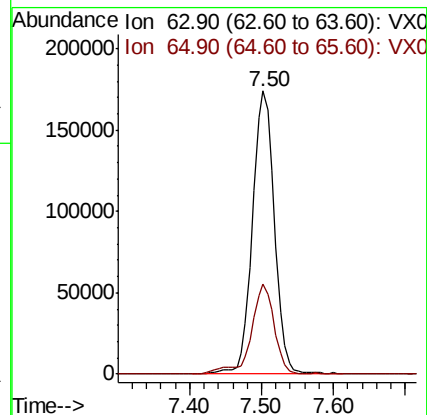
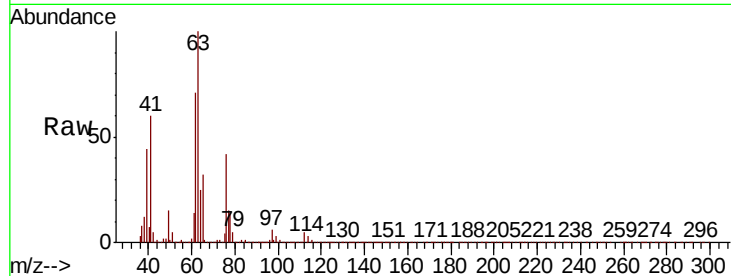
VSTDCCC050

Tot Ion: 63 Resp: 368368

Ion Ratio Lower Upper

63 100

65 31.5 24.3 36.5



#46

Dibromomethane

Concen: 51.920 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

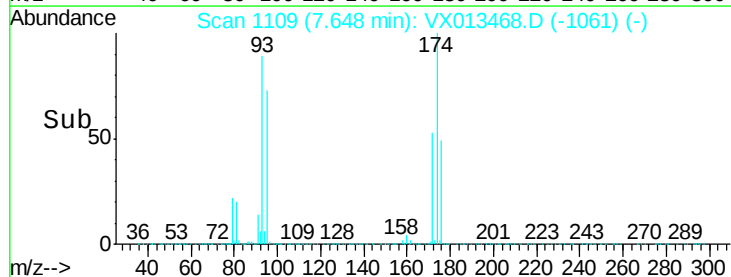
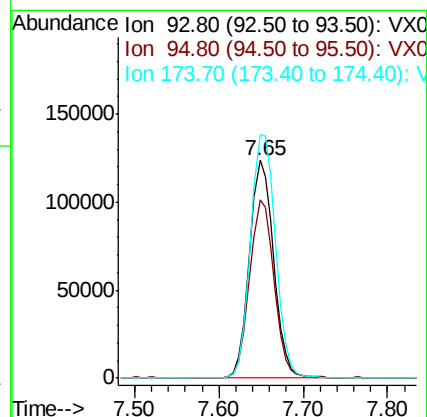
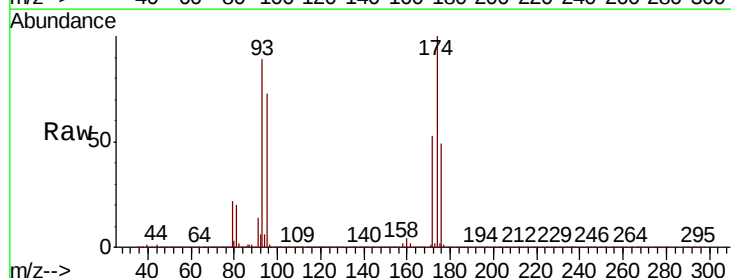
Tgt Ion: 93 Resp: 238364

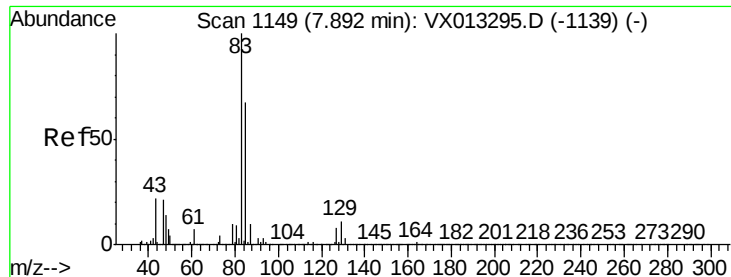
Ion Ratio Lower Upper

93 100

95 82.8 65.8 98.6

174 116.1 90.4 135.6





#47

Bromodichloromethane

Concen: 56.574 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

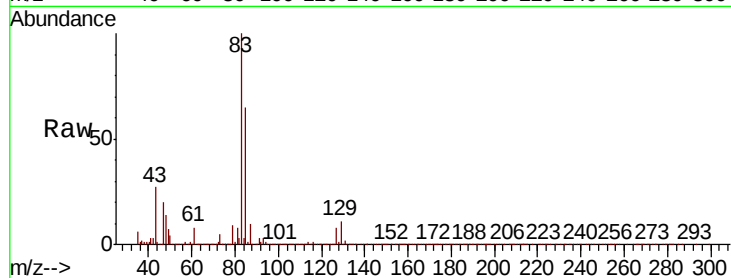
Tot Ion: 83 Resp: 489774

Ion Ratio Lower Upper

83 100

85 64.7 53.7 80.5

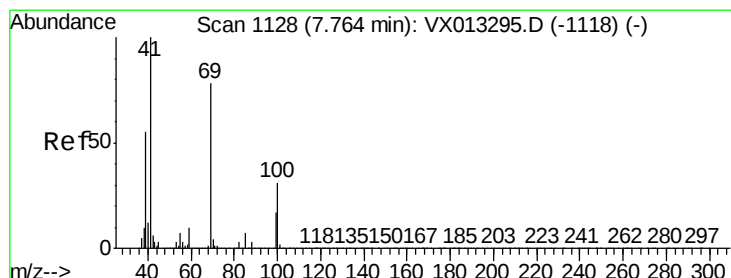
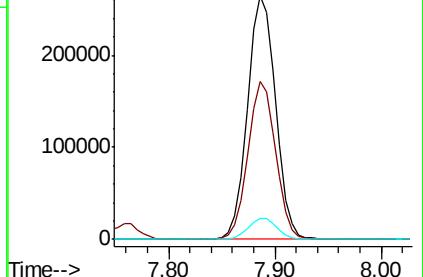
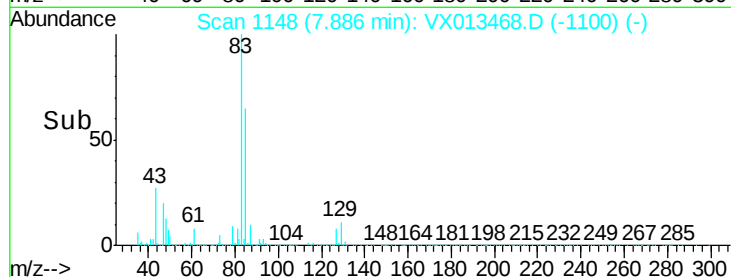
127 8.5 6.4 9.6



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: 54.207 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

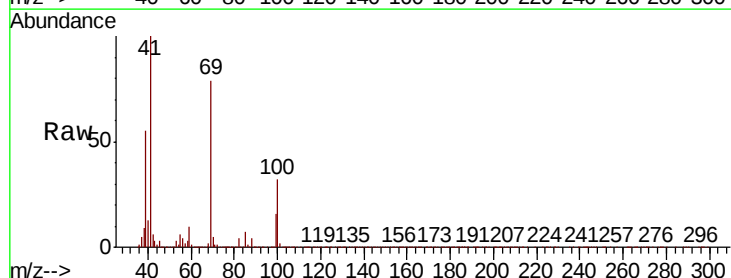
Tgt Ion: 41 Resp: 441096

Ion Ratio Lower Upper

41 100

69 79.8 63.0 94.6

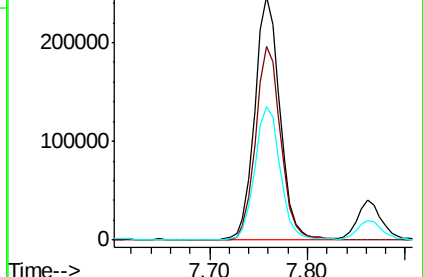
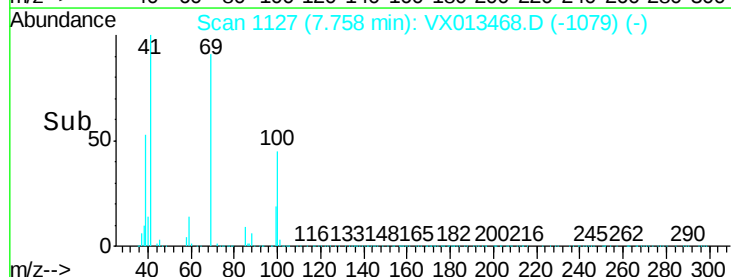
39 55.2 45.9 68.9

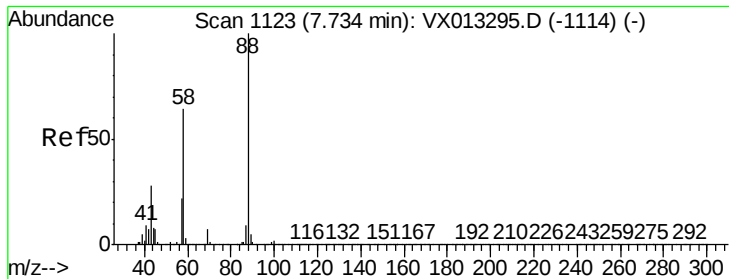


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 841.877 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

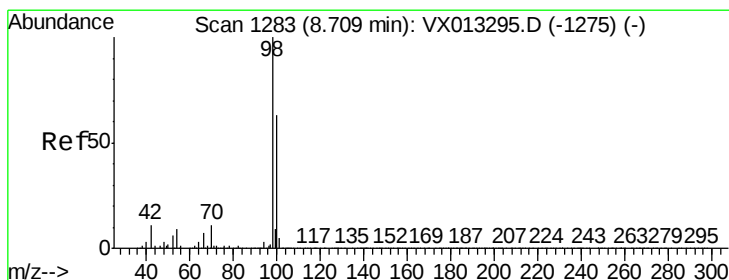
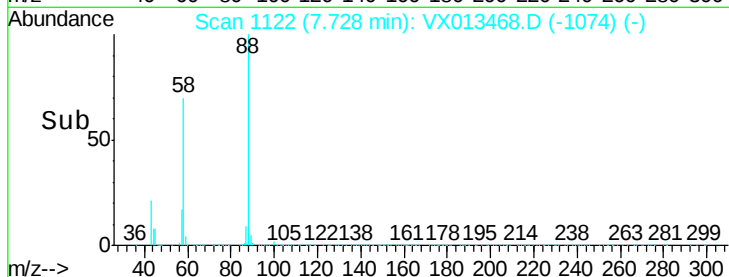
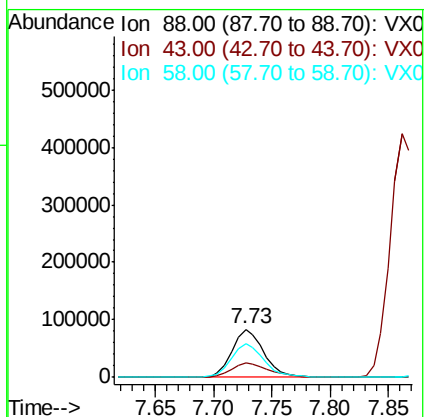
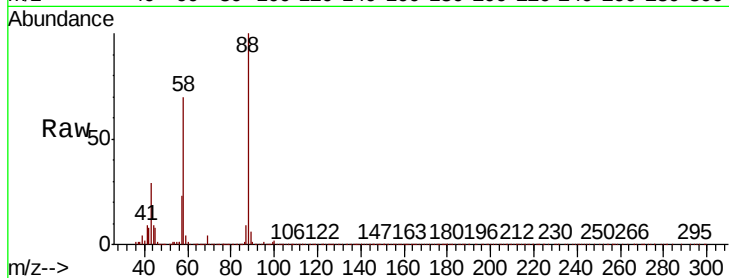
Tot Ion: 88 Resp: 156886

Ion Ratio Lower Upper

88 100

43 35.5 26.6 39.8

58 74.3 55.0 82.6



#50

Toluene-d8

Concen: 49.704 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013468.D

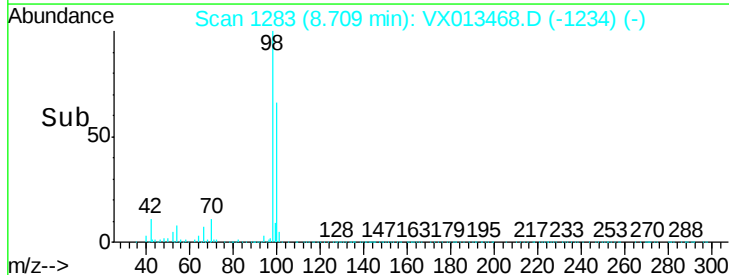
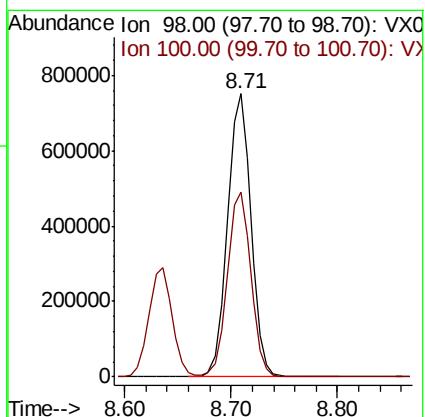
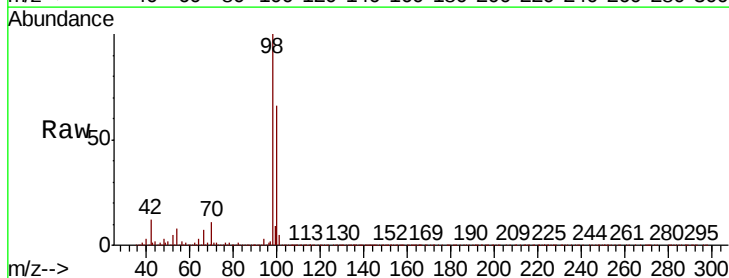
Acq: 20 Nov 2019 09:57

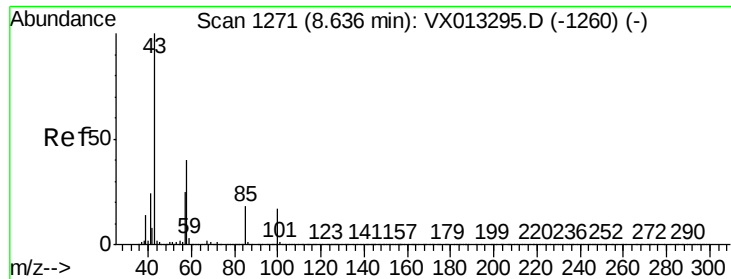
Tgt Ion: 98 Resp: 1160644

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 259.617 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

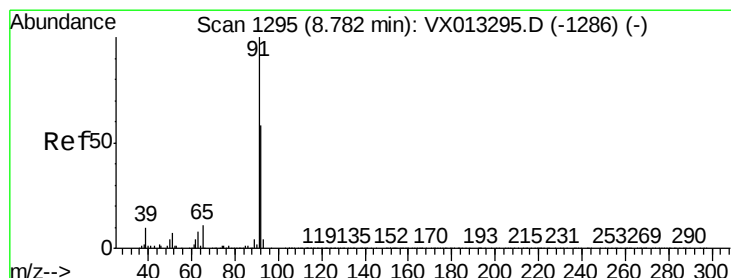
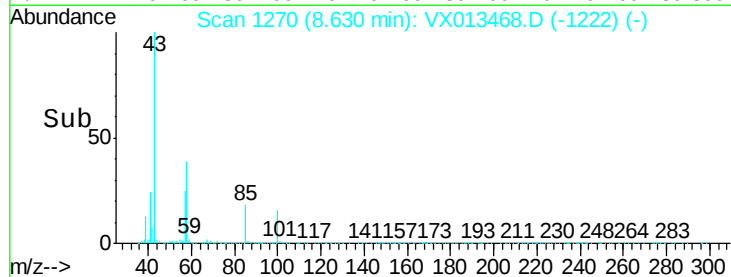
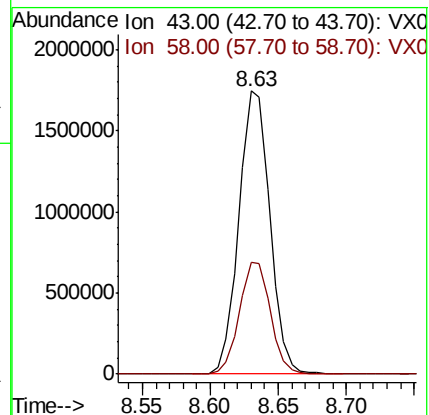
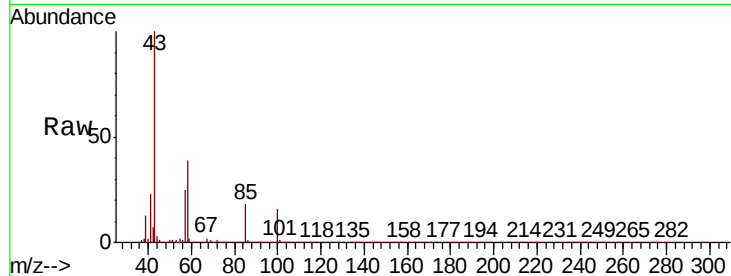
VSTDCCC050

Tot Ion: 43 Resp: 2776639

Ion Ratio Lower Upper

43 100

58 39.4 31.4 47.0



#52

Toluene

Concen: 53.671 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013468.D

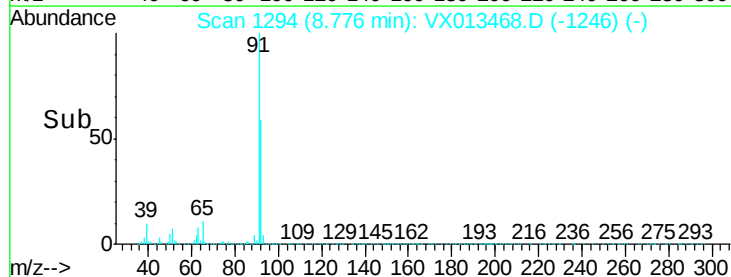
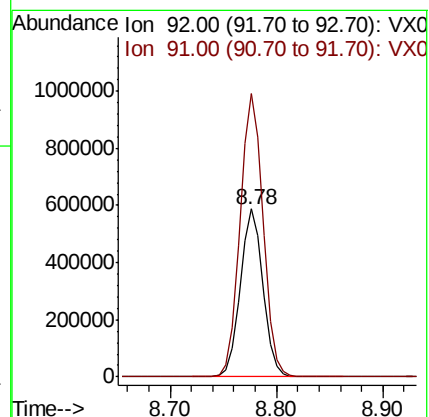
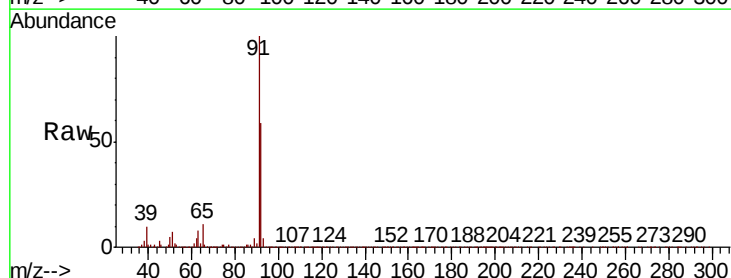
Acq: 20 Nov 2019 09:57

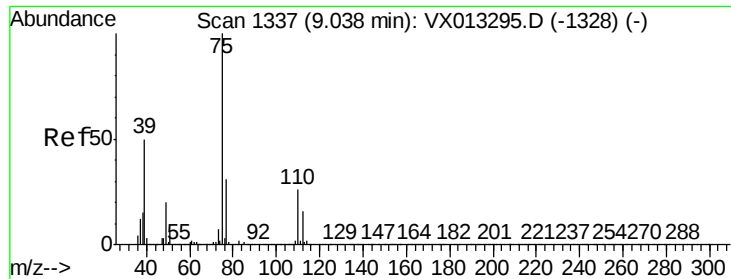
Tgt Ion: 92 Resp: 877868

Ion Ratio Lower Upper

92 100

91 171.6 138.0 207.0

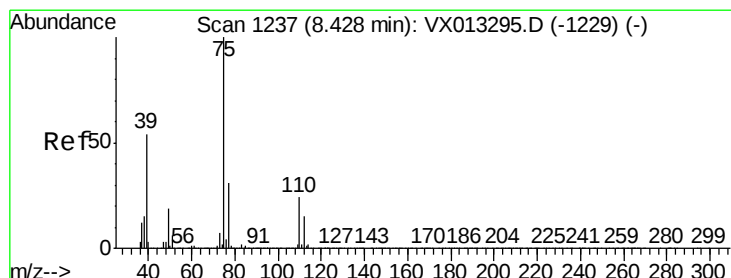
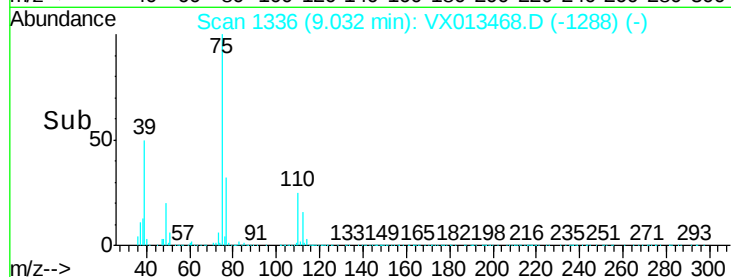
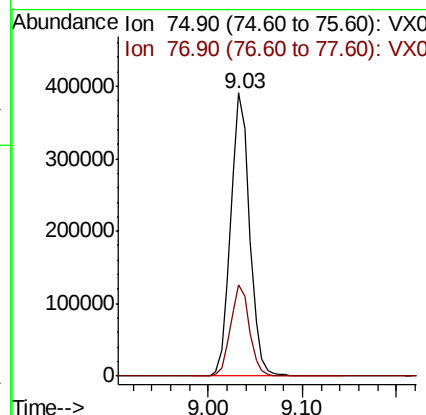
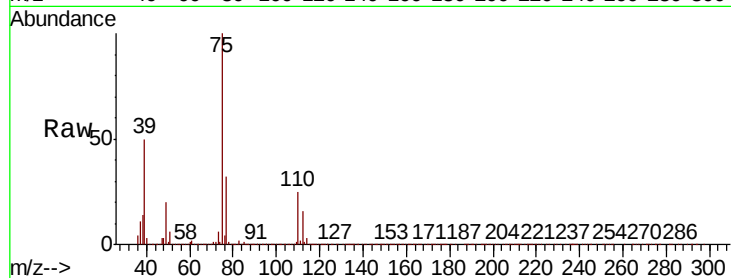




#53
t-1,3-Dichloropropene
Concen: 57.445 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013468.D
Acq: 20 Nov 2019 09:57

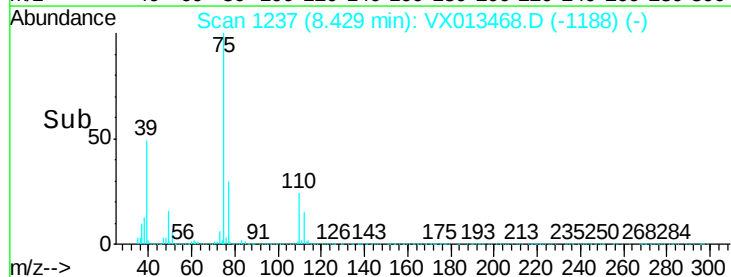
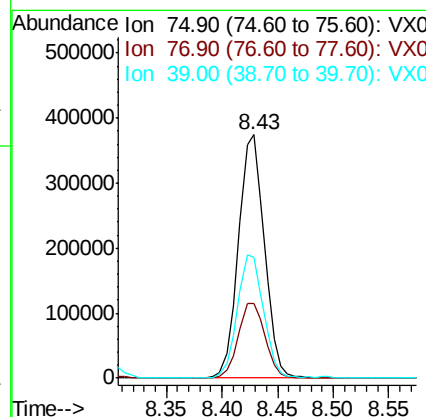
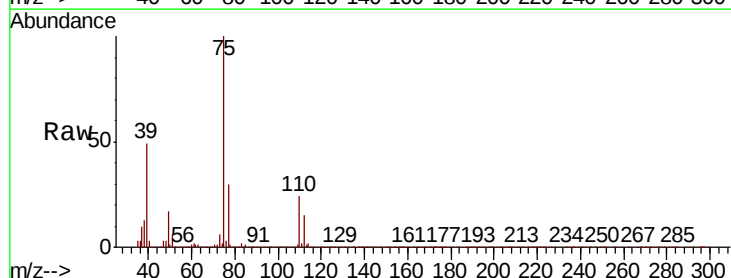
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

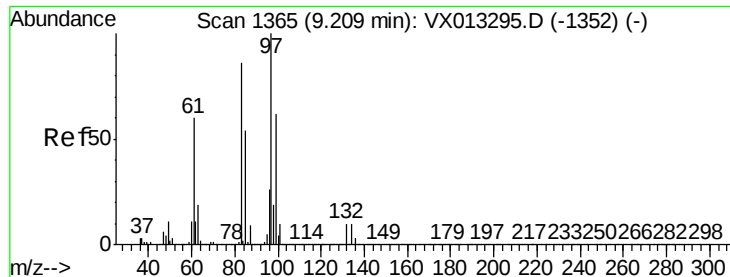
Tot Ion: 75 Resp: 543811
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 56.879 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013468.D
Acq: 20 Nov 2019 09:57

Tgt Ion: 75 Resp: 602316
Ion Ratio Lower Upper
75 100
77 30.4 24.7 37.1
39 49.2 43.0 64.6





#55

1,1,2-Trichloroethane

Concen: 54.266 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 367901

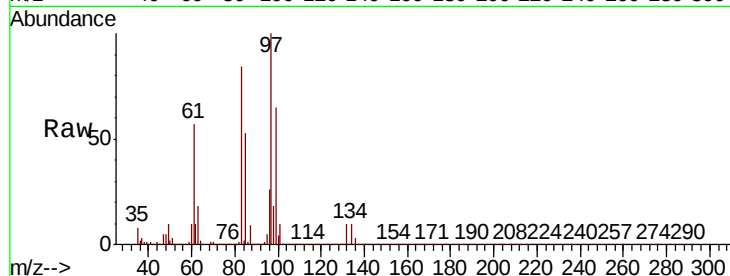
Ion Ratio Lower Upper

97 100

83 84.2 68.6 103.0

85 53.2 43.1 64.7

99 64.6 49.4 74.0

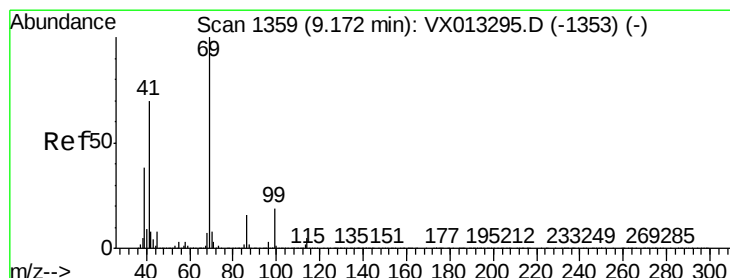
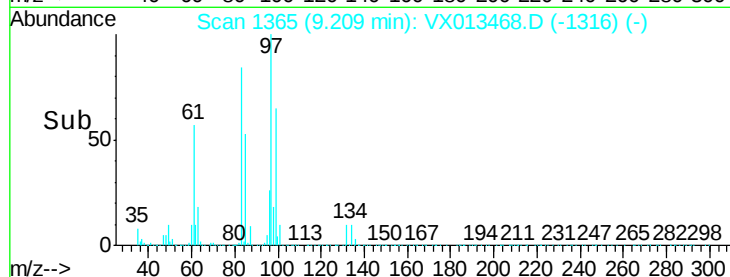
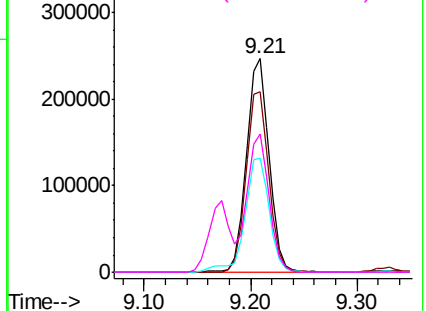


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 51.332 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

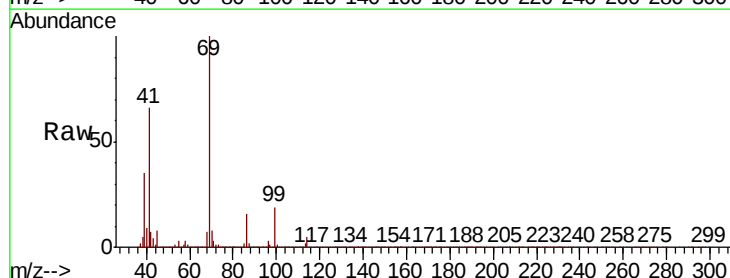
Tgt Ion: 69 Resp: 594622

Ion Ratio Lower Upper

69 100

41 68.8 56.2 84.2

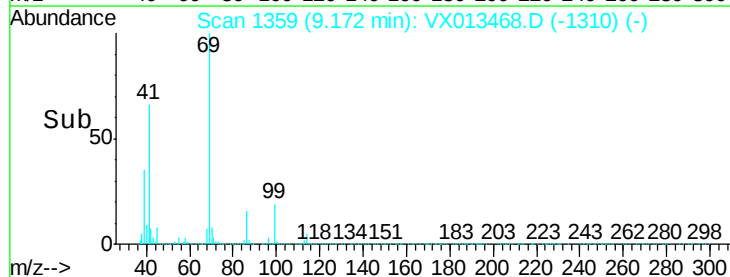
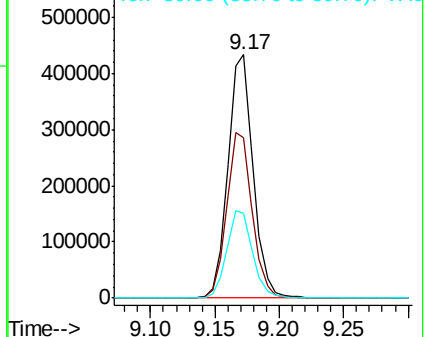
39 36.3 31.1 46.7

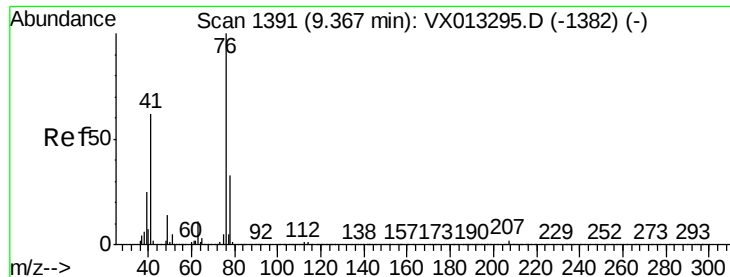


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 53.898 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

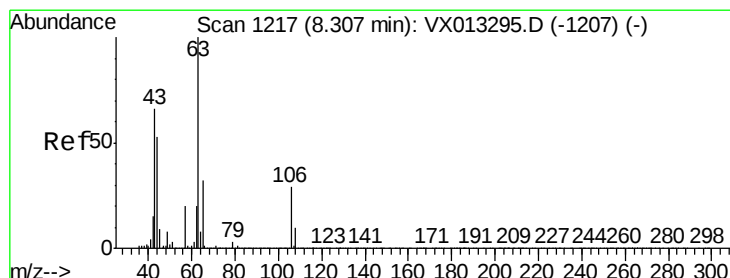
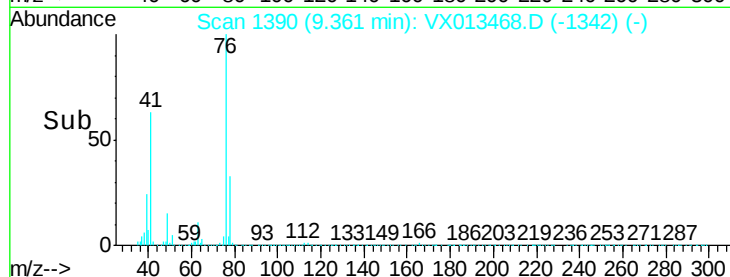
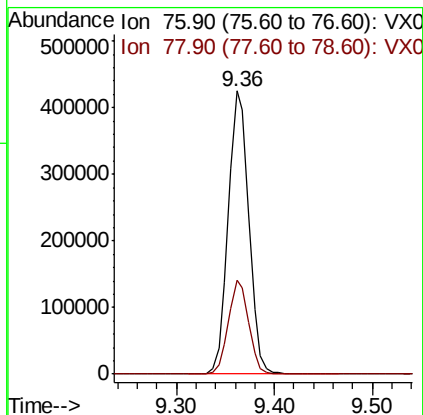
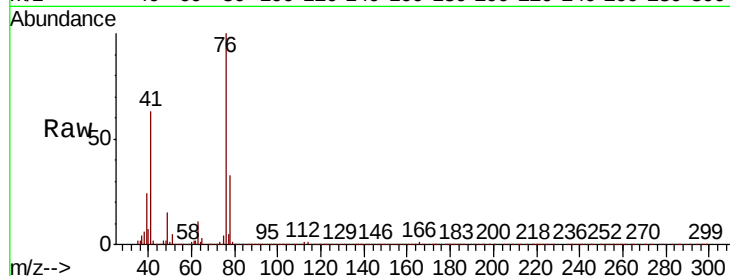
VSTDCCC050

Tot Ion: 76 Resp: 620286

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 284.927 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013468.D

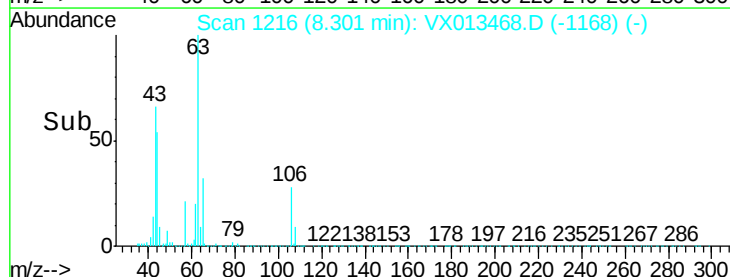
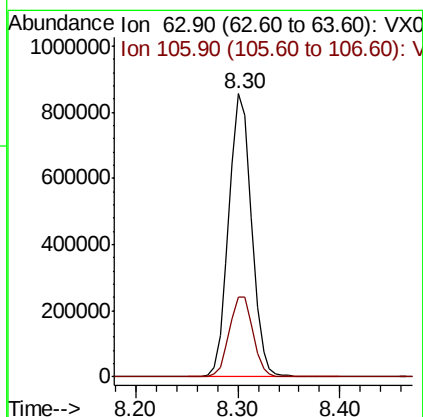
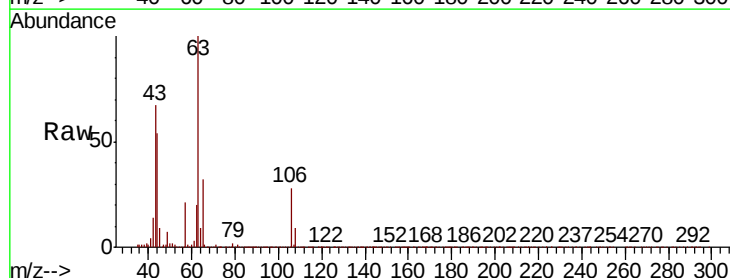
Acq: 20 Nov 2019 09:57

Tgt Ion: 63 Resp: 1320782

Ion Ratio Lower Upper

63 100

106 29.4 23.4 35.2

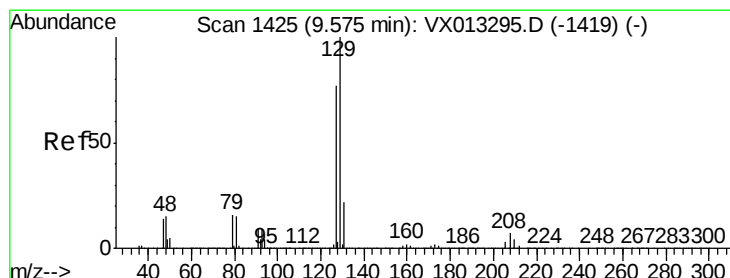
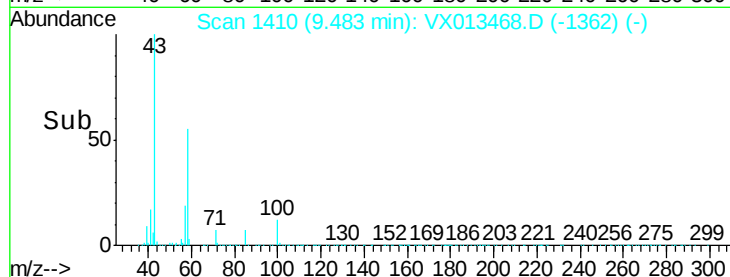
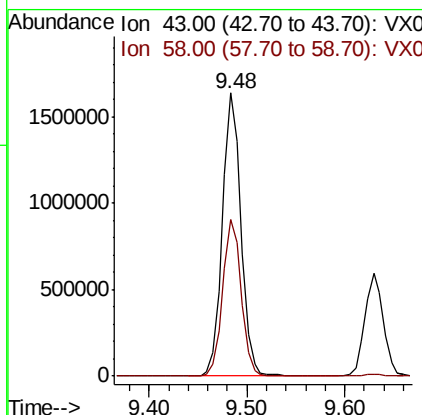
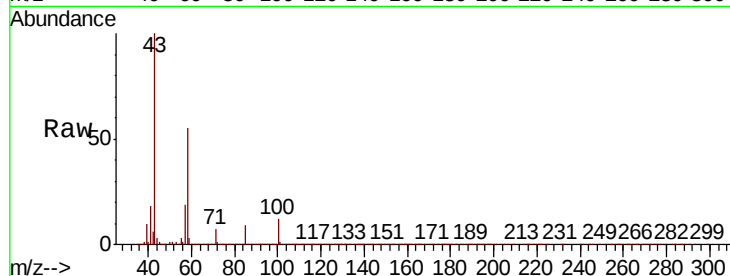




#59
2-Hexanone
Concen: 261.046 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013468.D
Acq: 20 Nov 2019 09:57

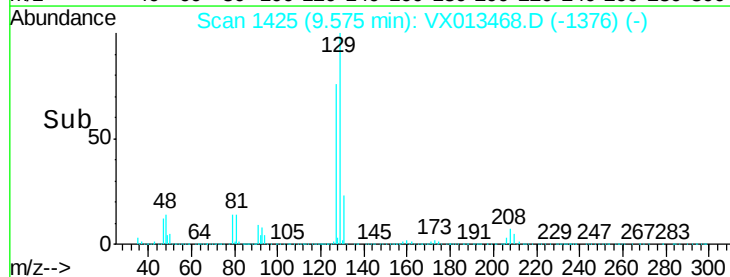
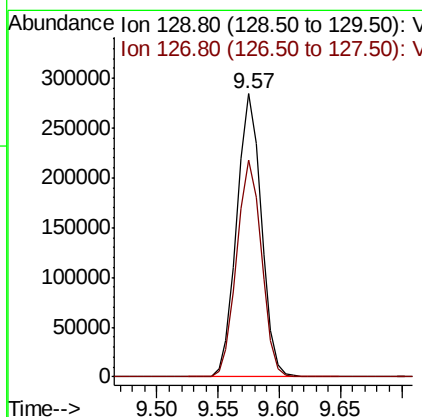
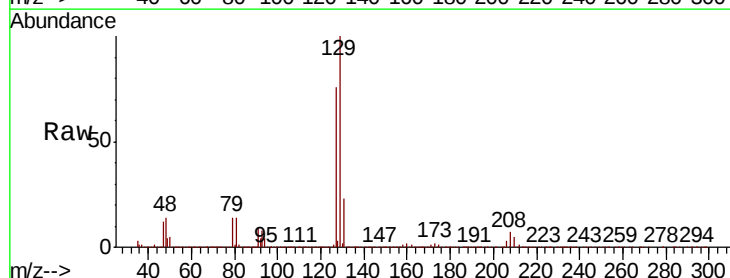
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

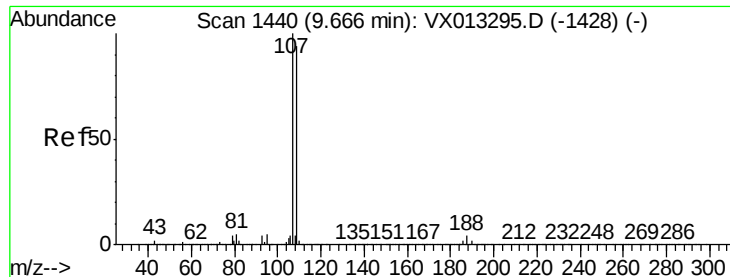
Tot Ion: 43 Resp: 2157532
Ion Ratio Lower Upper
43 100
58 55.2 27.3 81.8



#60
Dibromochloromethane
Concen: 57.000 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013468.D
Acq: 20 Nov 2019 09:57

Tgt Ion: 129 Resp: 395218
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.2





#61

1,2-Dibromoethane

Concen: 52.899 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

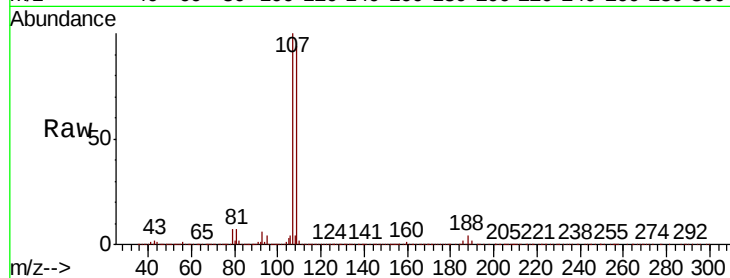
VSTDCCC050

Tot Ion:107 Resp: 380821

Ion Ratio Lower Upper

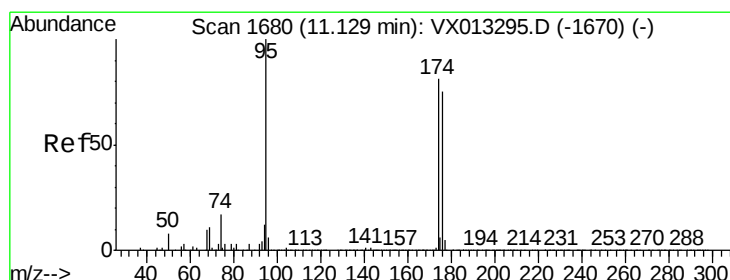
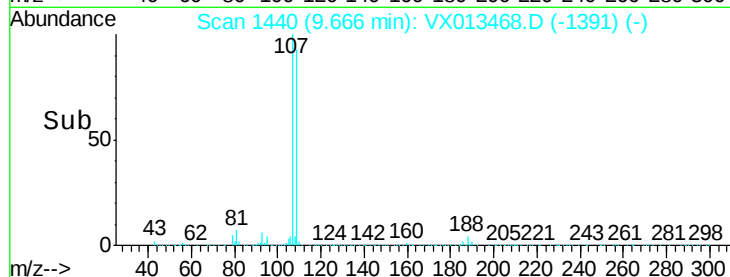
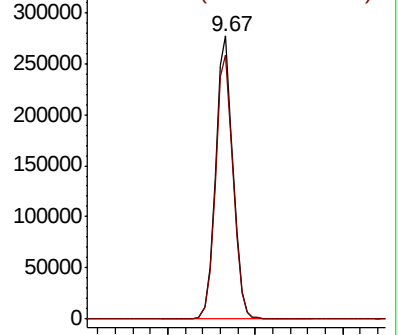
107 100

109 95.0 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.399 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

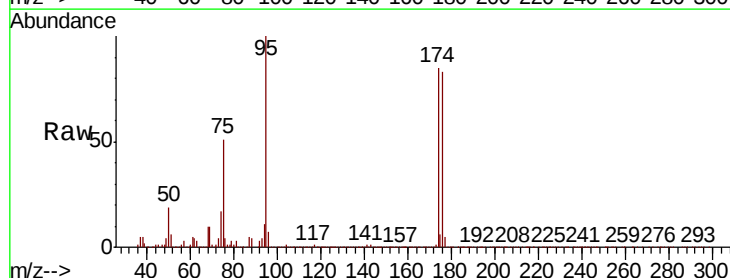
Tgt Ion: 95 Resp: 416309

Ion Ratio Lower Upper

95 100

174 88.7 0.0 179.8

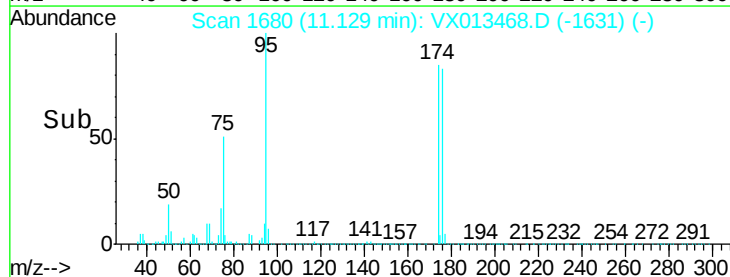
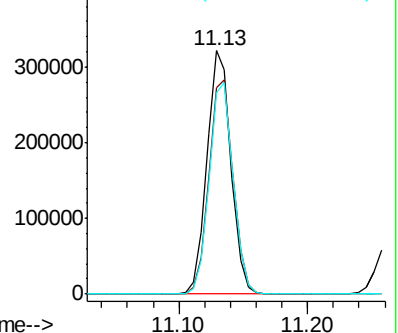
176 87.2 0.0 173.0

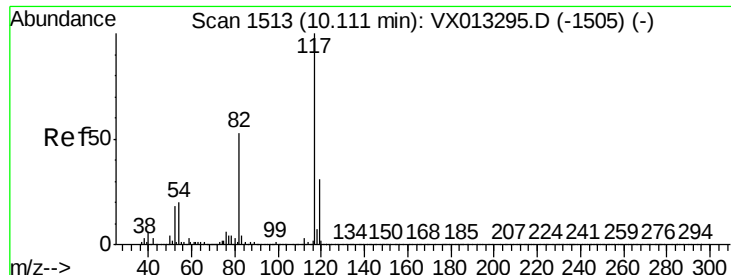


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

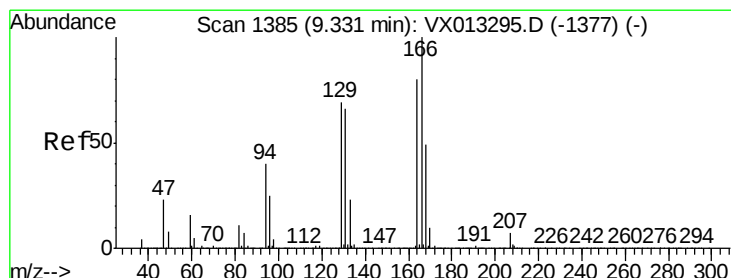
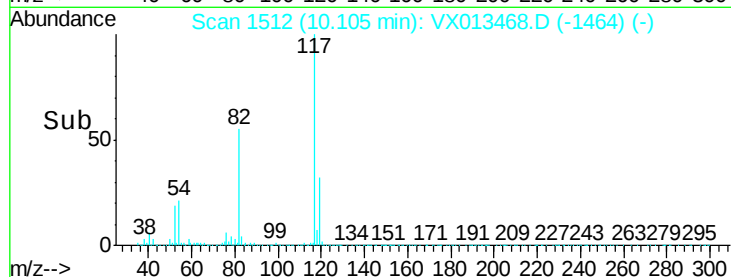
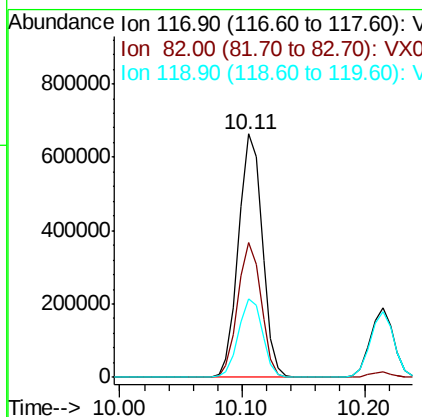
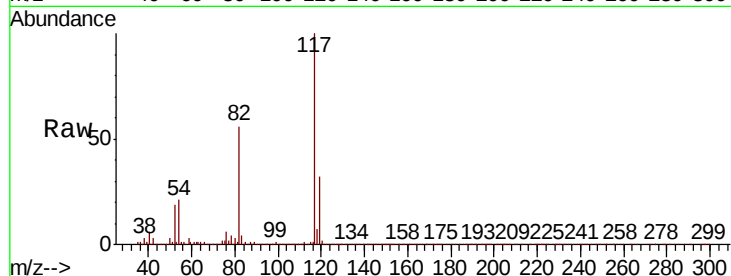




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013468.D
Acq: 20 Nov 2019 09:57

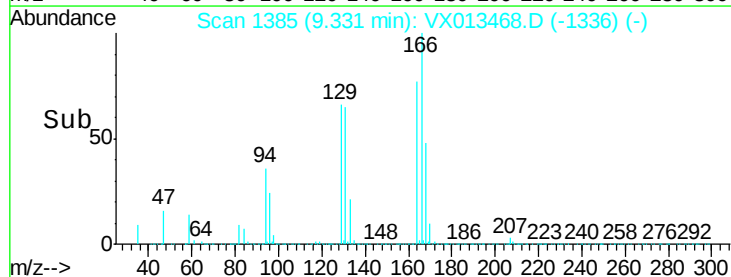
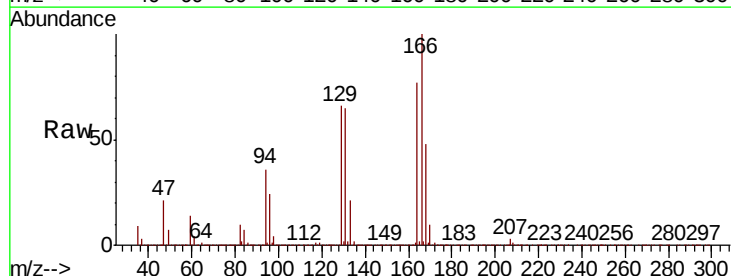
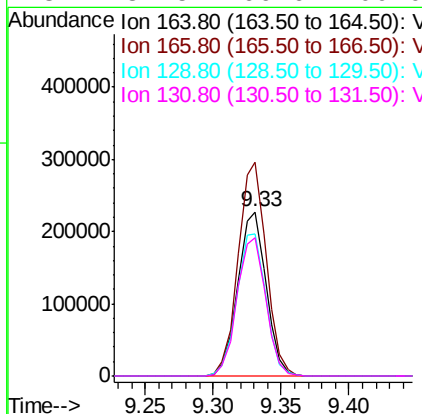
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

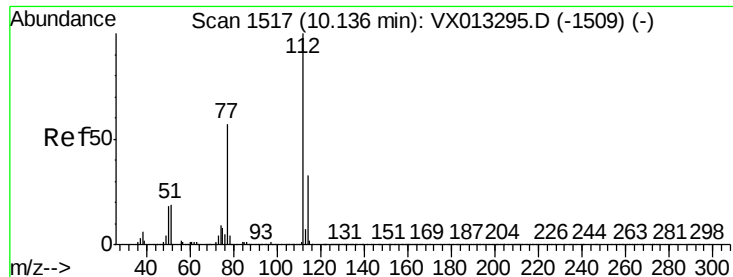
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	42.6	64.0
119	32.0	24.8	37.2



#64
Tetrachloroethene
Concen: 51.538 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013468.D
Acq: 20 Nov 2019 09:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.0	100.4	150.6
129	86.4	69.4	104.2
131	84.5	66.6	100.0





#65

Chlorobenzene

Concen: 53.019 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

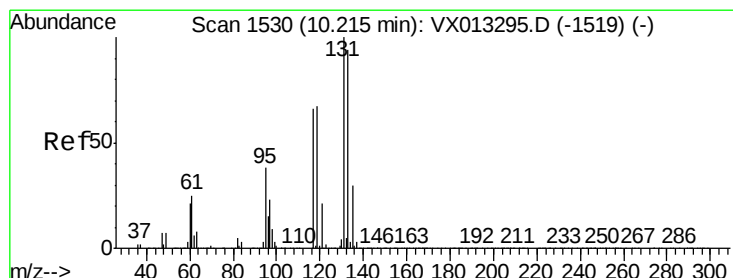
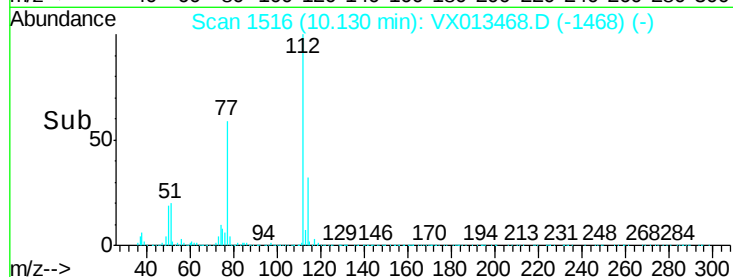
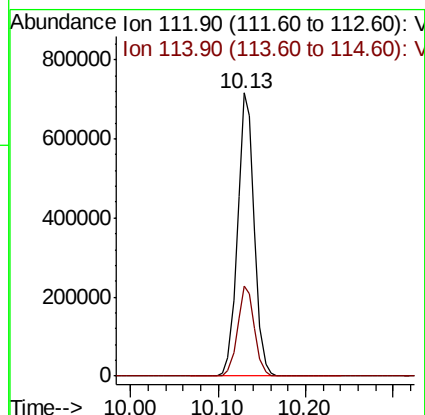
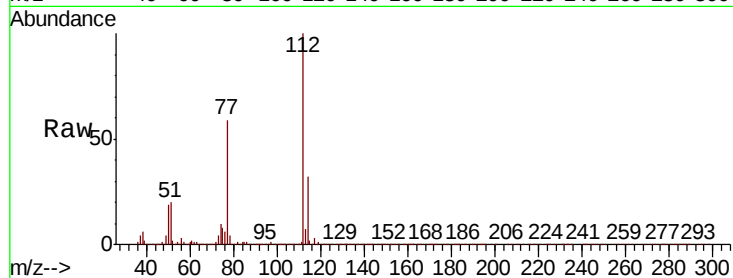
VSTDCCC050

Tot Ion:112 Resp: 958364

Ion Ratio Lower Upper

112 100

114 31.7 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 55.135 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

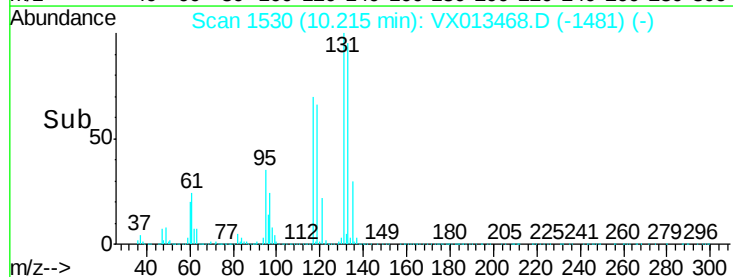
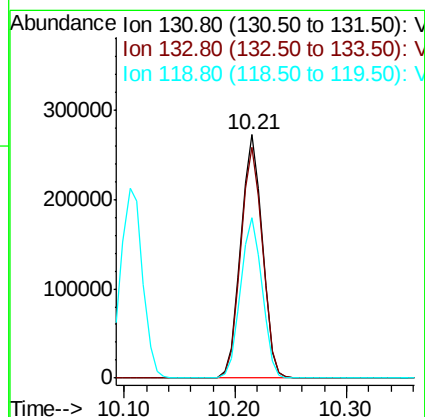
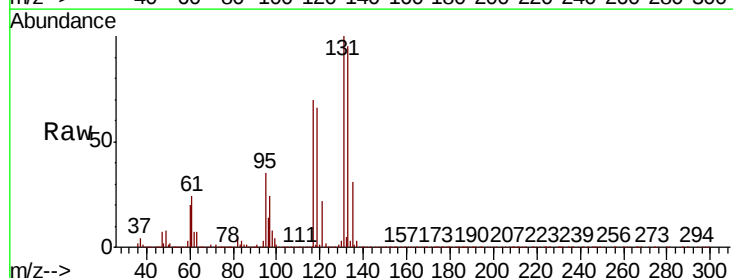
Tgt Ion:131 Resp: 365932

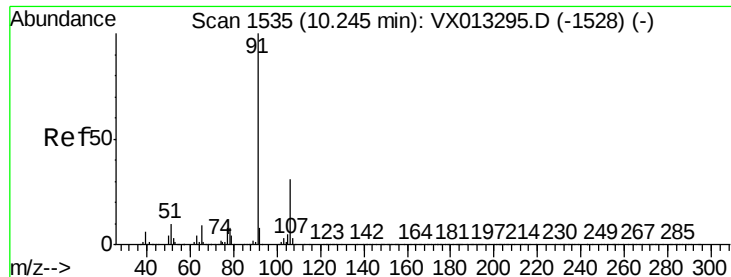
Ion Ratio Lower Upper

131 100

133 96.0 48.0 144.0

119 65.6 33.0 99.0





#67

Ethyl Benzene

Concen: 53.909 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

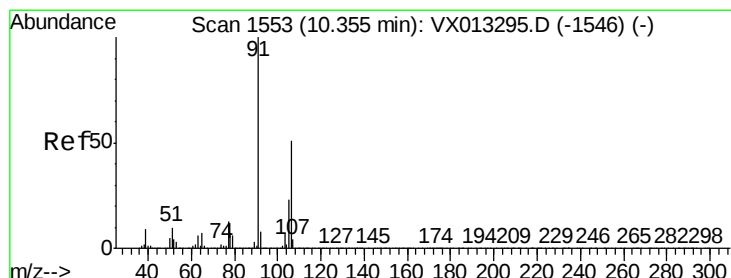
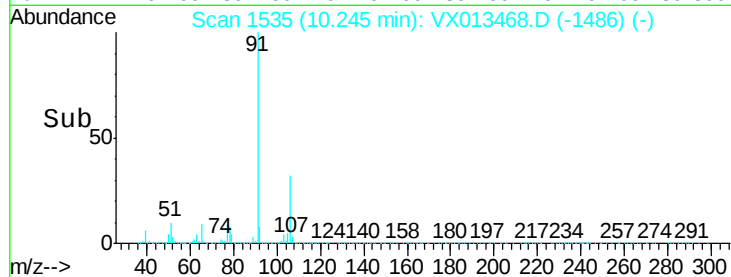
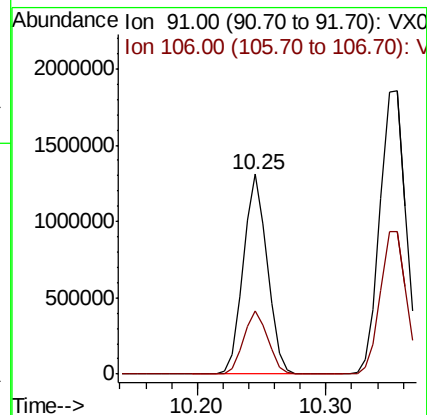
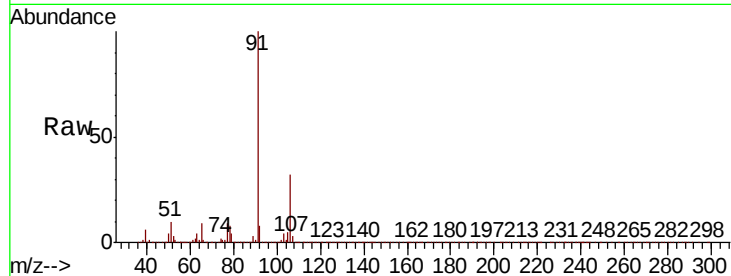
VSTDCCC050

Tot Ion: 91 Resp: 1681807

Ion Ratio Lower Upper

91 100

106 31.7 24.6 36.8



#68

m/p-Xylenes

Concen: 109.176 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013468.D

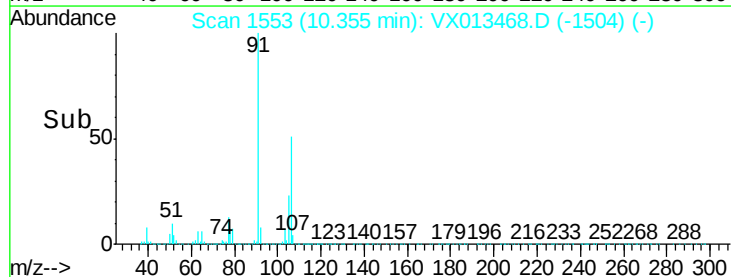
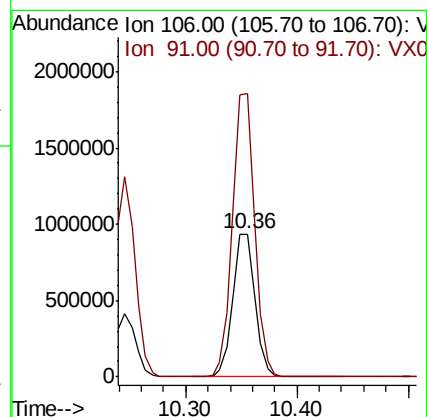
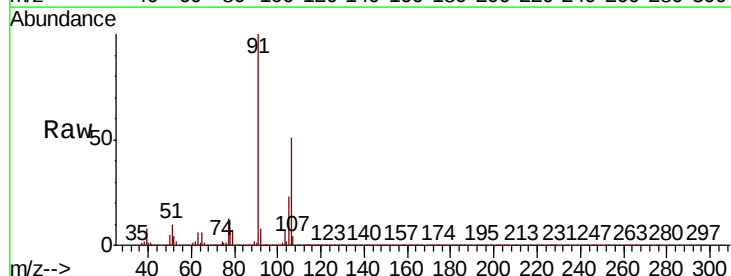
Acq: 20 Nov 2019 09:57

Tgt Ion: 106 Resp: 1288106

Ion Ratio Lower Upper

106 100

91 199.8 159.3 238.9

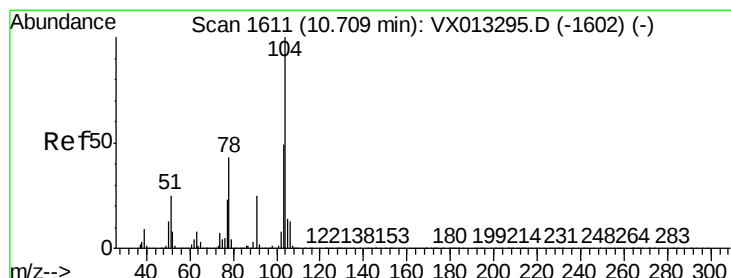
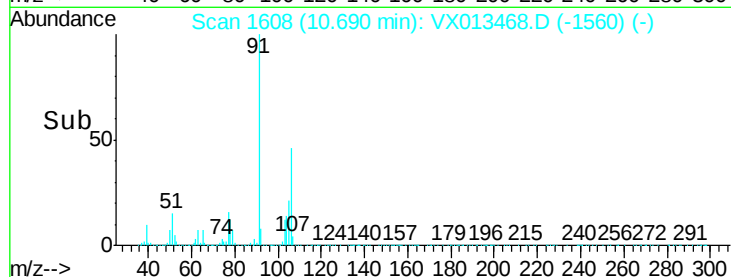
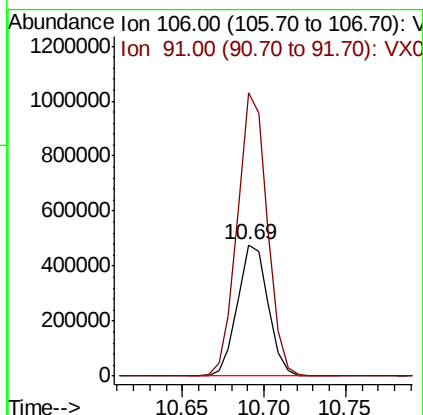
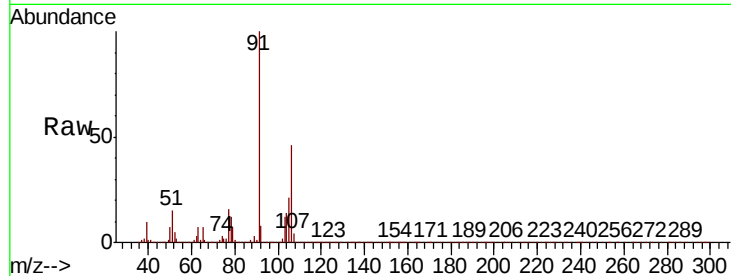




#69
o-Xylene
Concen: 53.942 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX013468.D
Acq: 20 Nov 2019 09:57

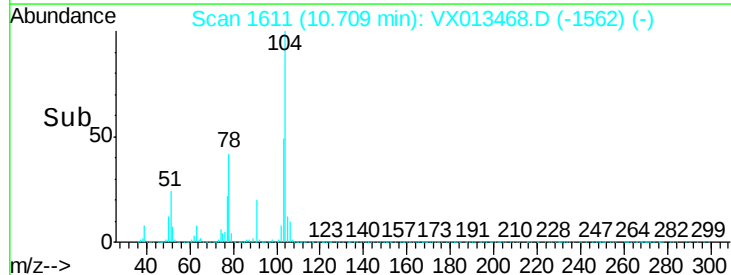
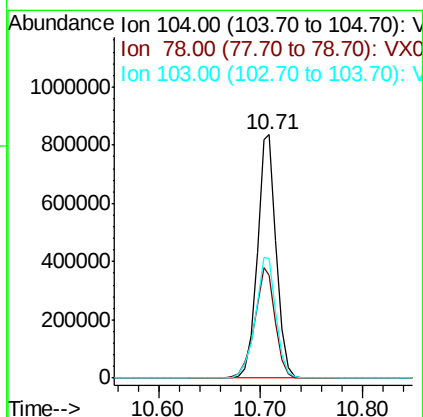
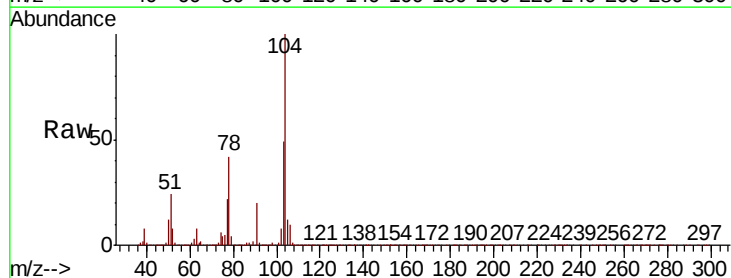
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

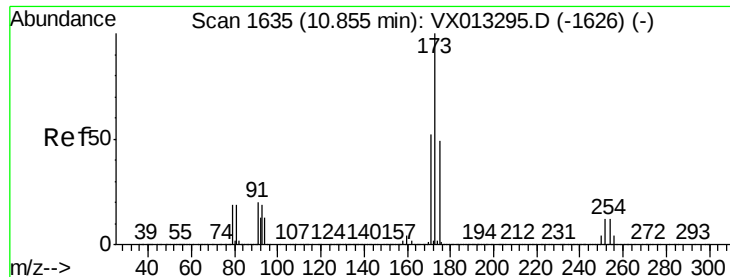
Tot Ion:106 Resp: 623082
Ion Ratio Lower Upper
106 100
91 211.6 105.7 317.0



#70
Styrene
Concen: 56.308 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013468.D
Acq: 20 Nov 2019 09:57

Tgt Ion:104 Resp: 1087251
Ion Ratio Lower Upper
104 100
78 49.1 40.0 60.0
103 54.4 44.1 66.1

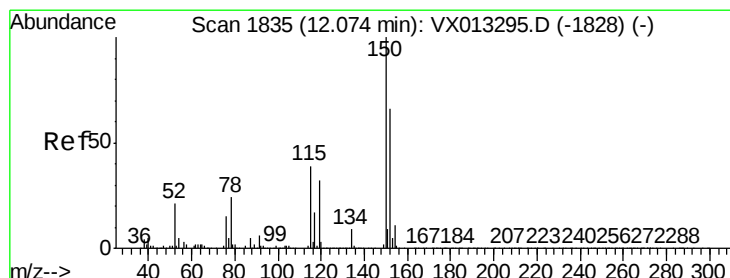
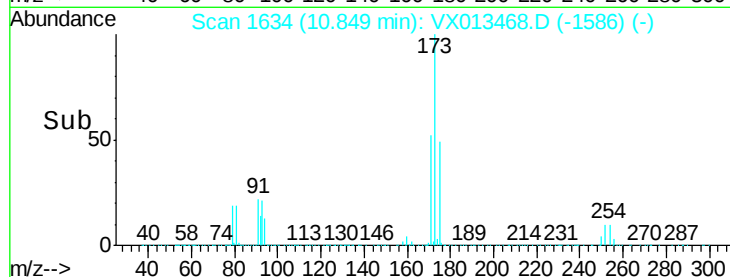
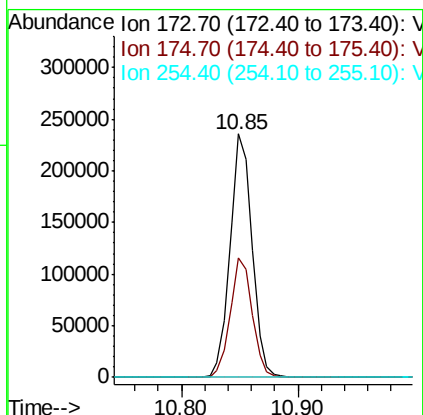
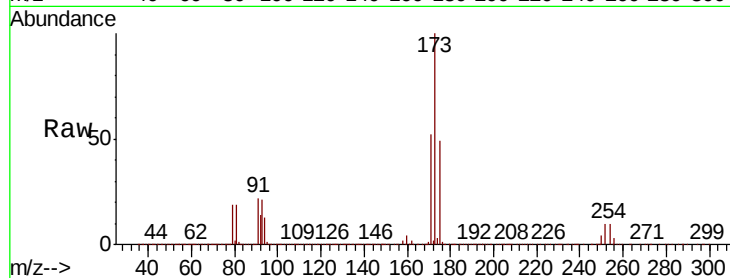




#71
Bromoform
Concen: 50.427 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013468.D
Acq: 20 Nov 2019 09:57

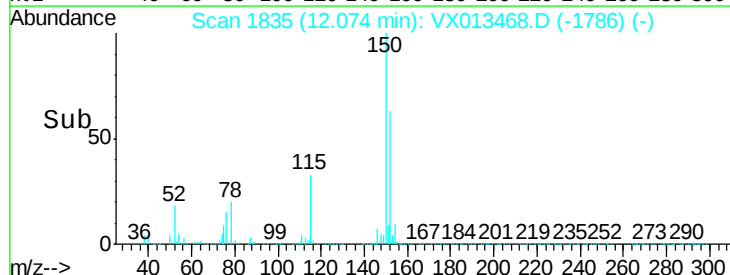
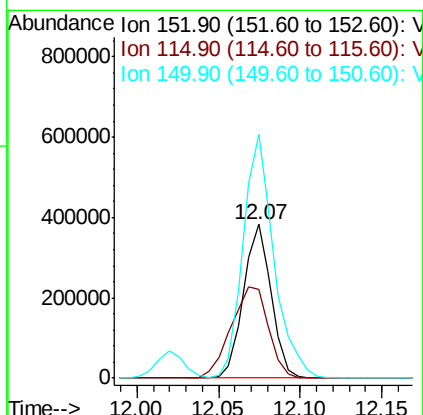
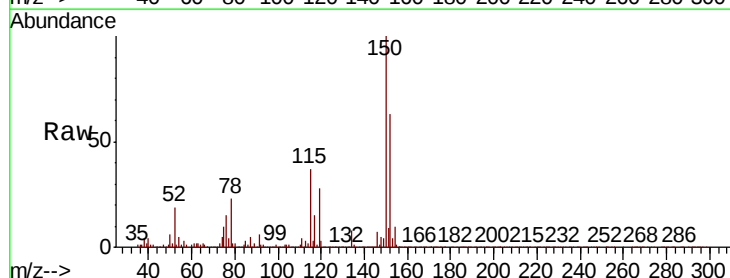
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

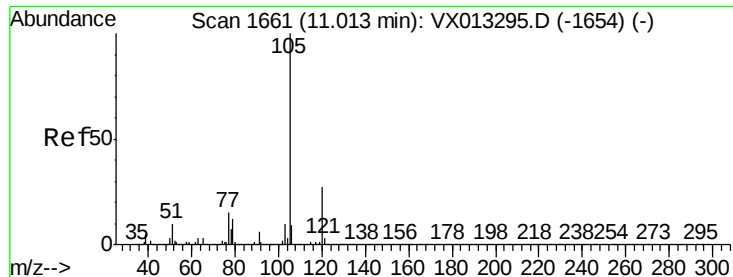
Tot Ion:173 Resp: 310498
Ion Ratio Lower Upper
173 100
175 49.0 24.8 74.4
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013468.D
Acq: 20 Nov 2019 09:57

Tgt Ion:152 Resp: 454876
Ion Ratio Lower Upper
152 100
115 80.0 39.5 118.3
150 175.4 0.0 344.4





#73

Isopropylbenzene

Concen: 56.211 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

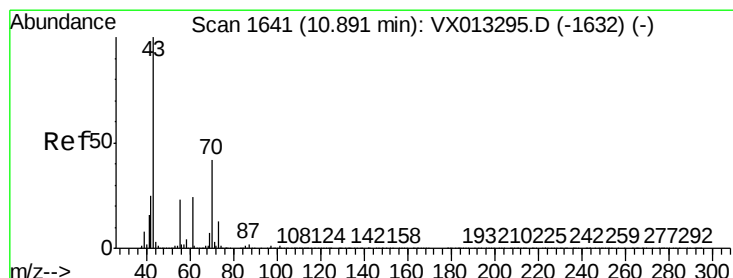
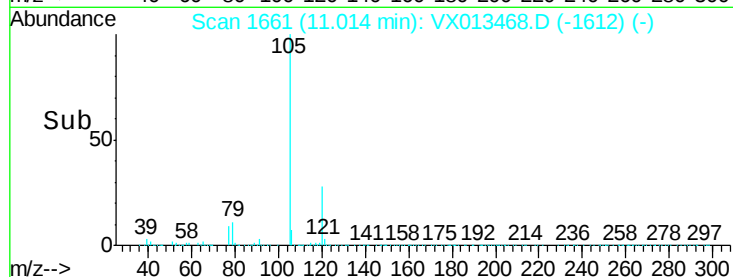
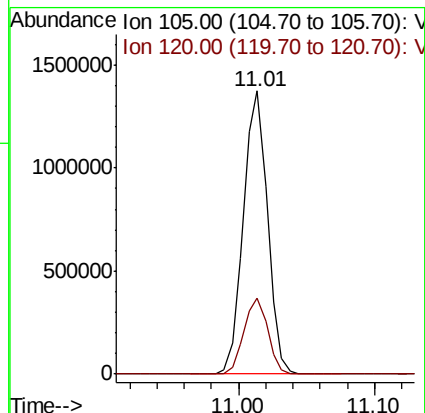
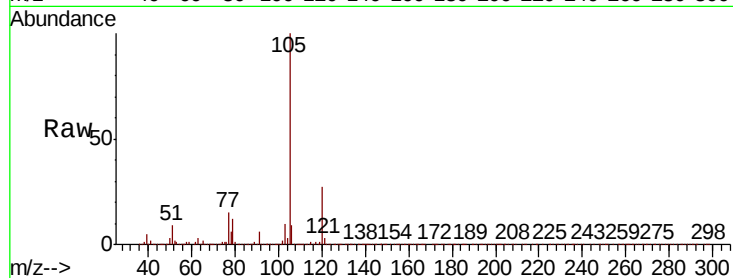
VSTDCCC050

Tot Ion:105 Resp: 1695266

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5



#74

N-ethyl acetate

Concen: 56.403 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

Tgt Ion: 43 Resp: 788824

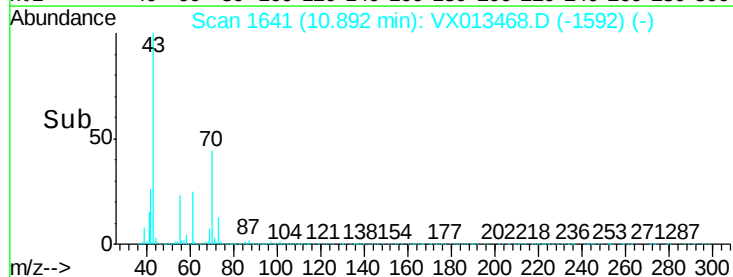
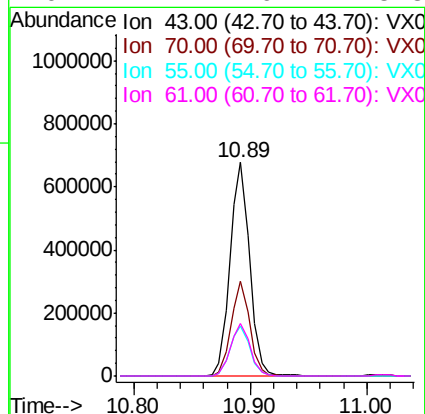
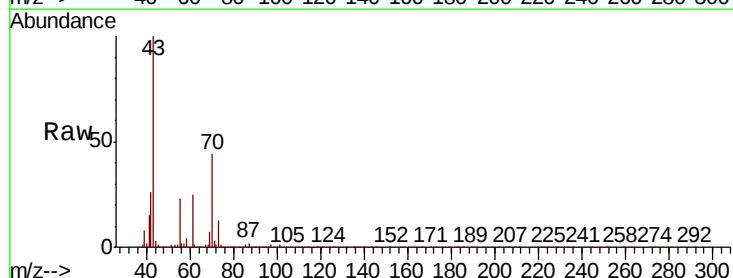
Ion Ratio Lower Upper

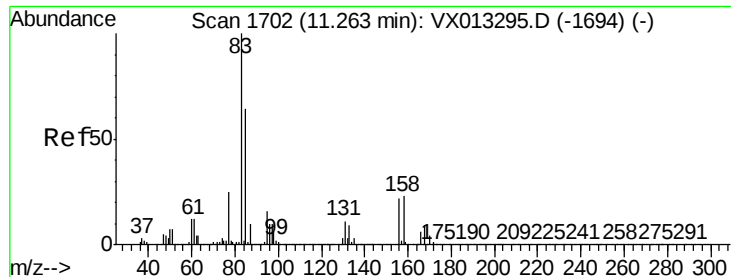
43 100

70 42.8 34.1 51.1

55 23.6 18.9 28.3

61 24.7 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 53.592 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

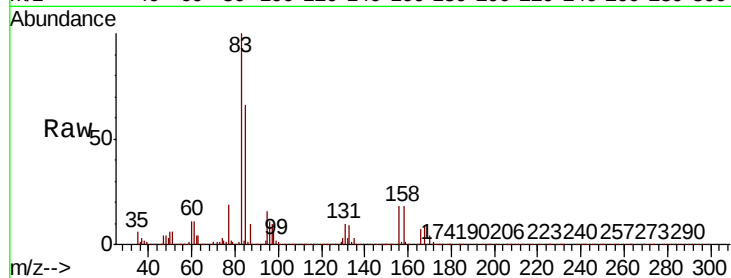
Tot Ion: 83 Resp: 589647

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

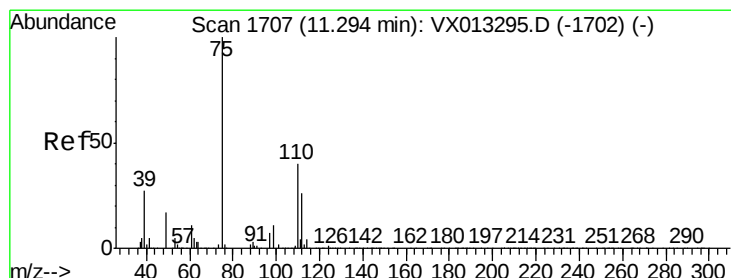
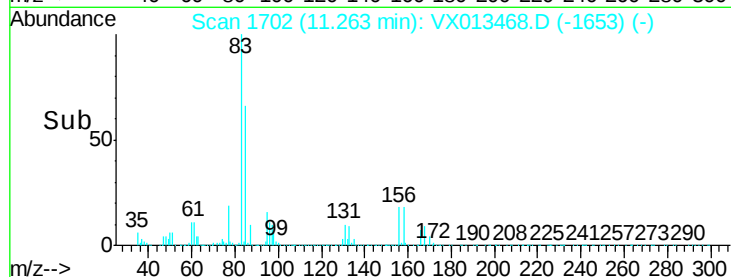
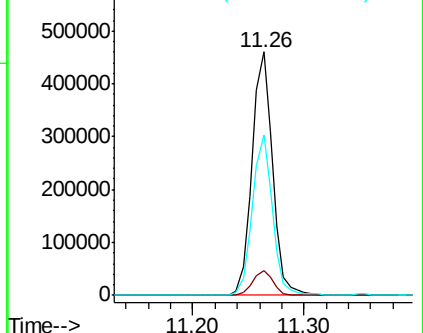
85 64.5 32.3 96.8



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: 73.405 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013468.D

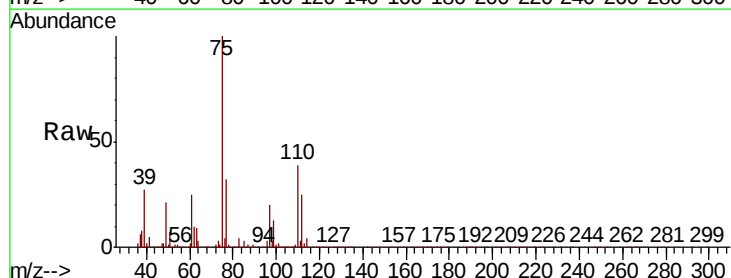
Acq: 20 Nov 2019 09:57

Tgt Ion: 75 Resp: 678198

Ion Ratio Lower Upper

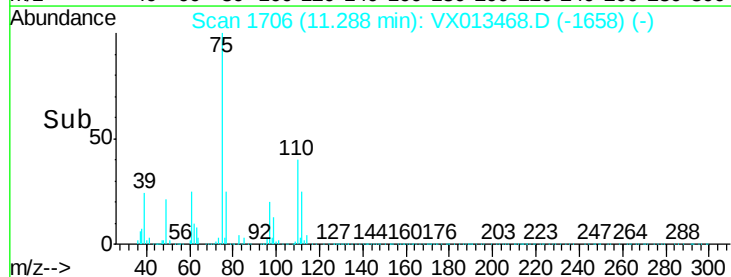
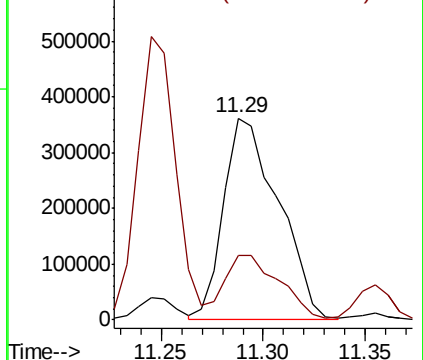
75 100

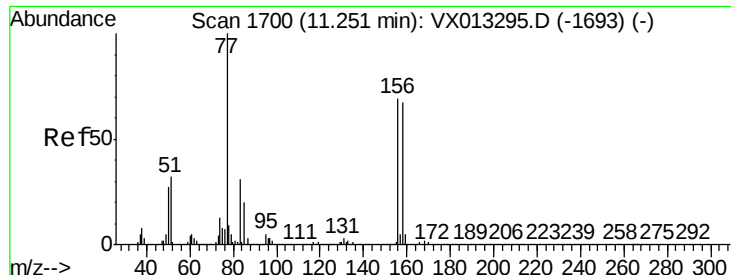
77 32.2 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 54.151 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

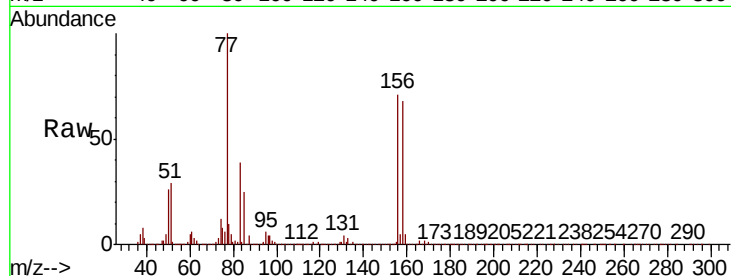
Tot Ion:156 Resp: 435376

Ion Ratio Lower Upper

156 100

77 150.1 75.8 227.4

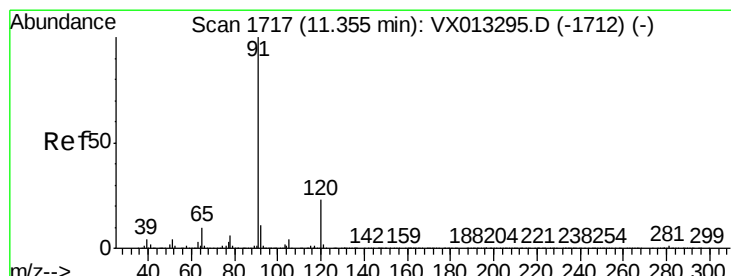
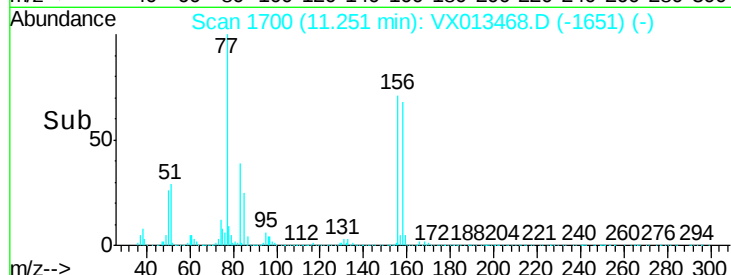
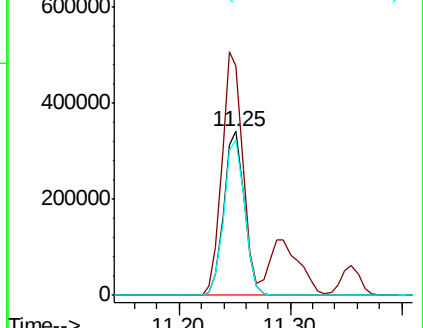
158 96.9 47.6 142.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 57.681 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013468.D

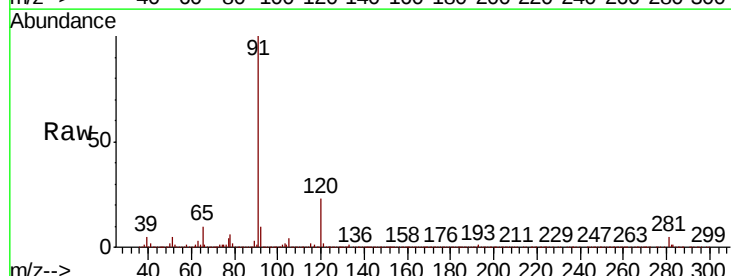
Acq: 20 Nov 2019 09:57

Tgt Ion: 91 Resp: 1937795

Ion Ratio Lower Upper

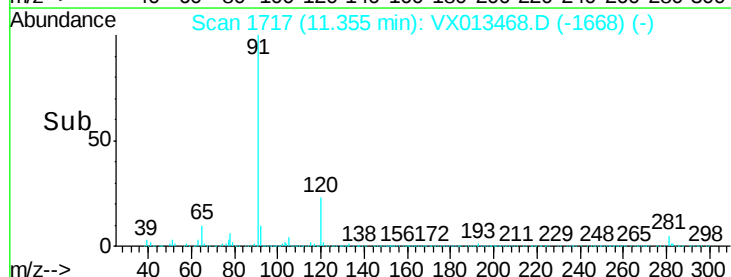
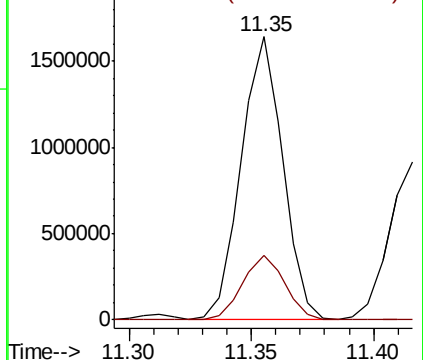
91 100

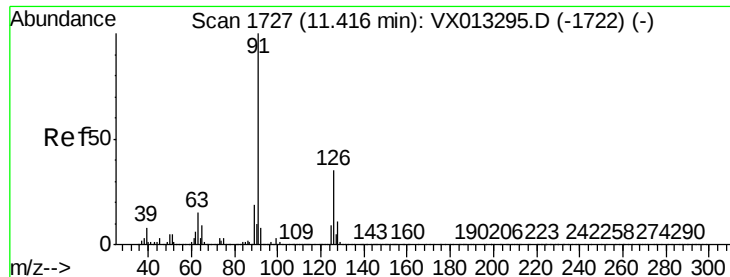
120 23.3 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.798 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

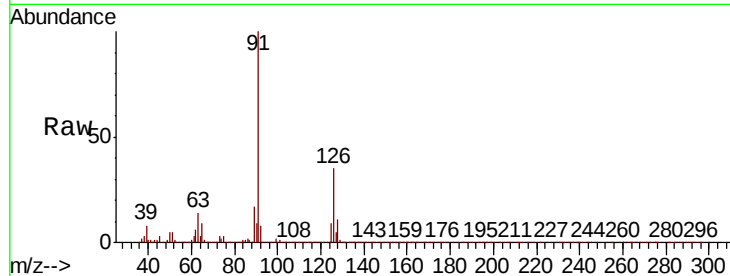
VSTDCCC050

Tot Ion: 91 Resp: 1129421

Ion Ratio Lower Upper

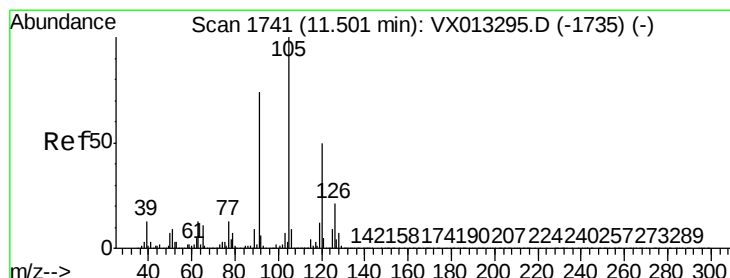
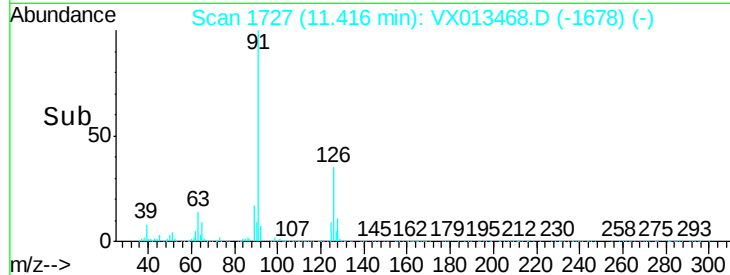
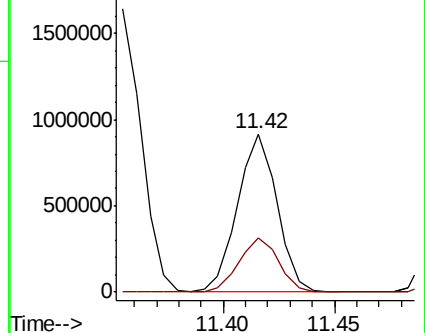
91 100

126 34.8 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 56.486 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013468.D

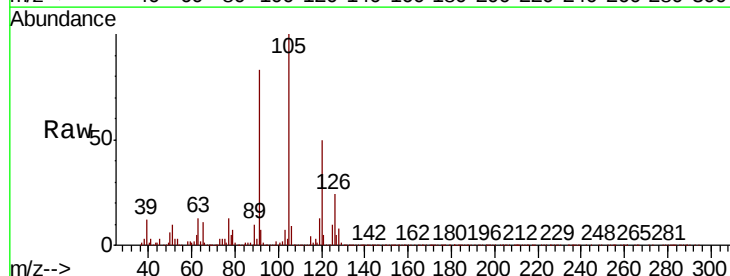
Acq: 20 Nov 2019 09:57

Tgt Ion:105 Resp: 1418979

Ion Ratio Lower Upper

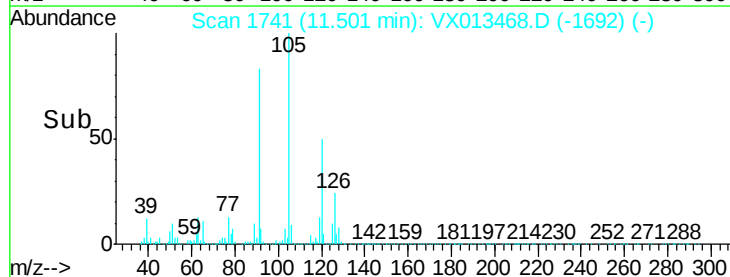
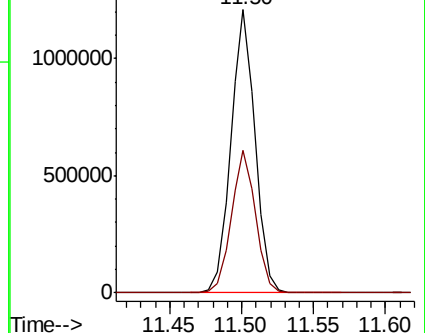
105 100

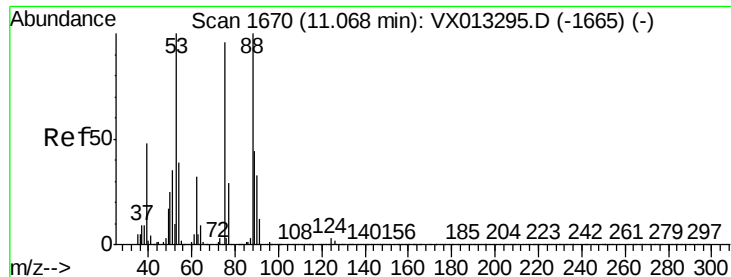
120 50.5 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

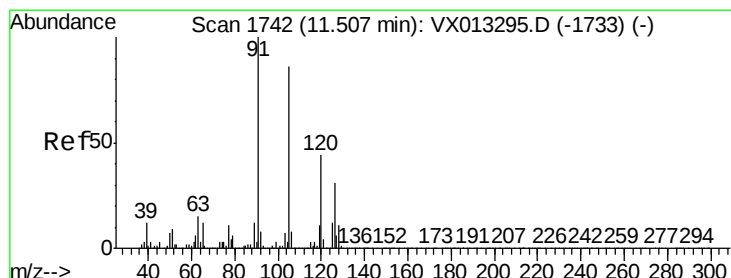
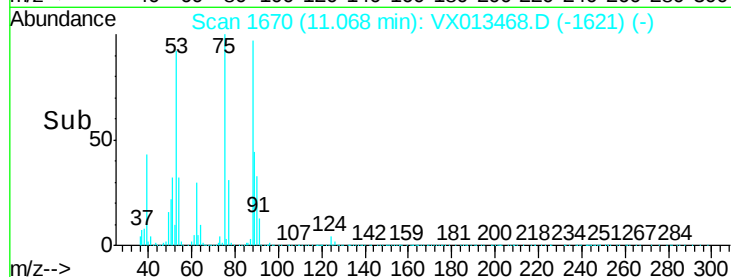
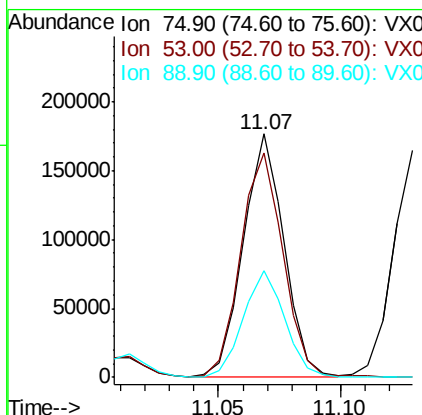
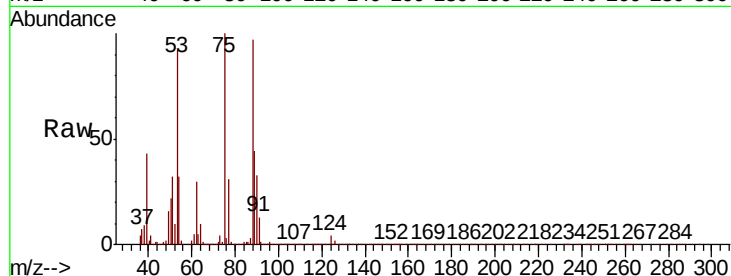




#81
trans-1,4-Dichloro-2-butene
Concen: 56.925 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013468.D
Acq: 20 Nov 2019 09:57

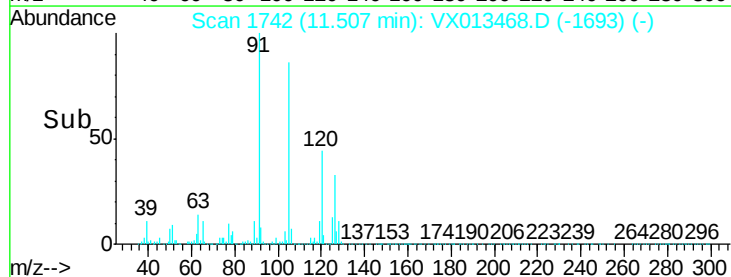
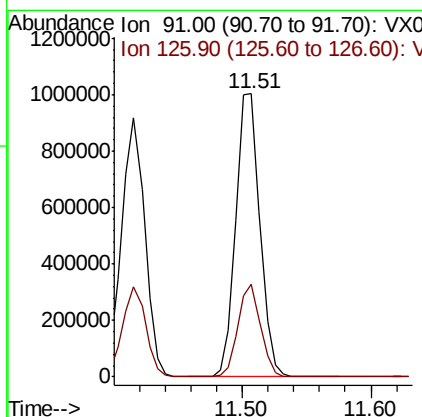
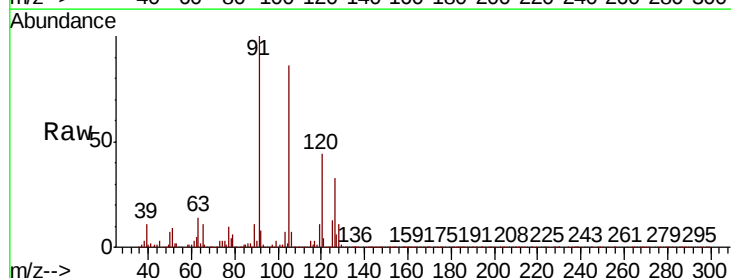
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

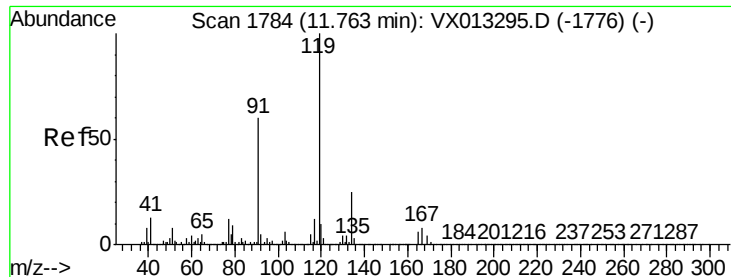
Tot Ion: 75 Resp: 204330
Ion Ratio Lower Upper
75 100
53 95.5 81.0 121.6
89 45.2 36.0 54.0



#82
4-Chlorotoluene
Concen: 55.398 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013468.D
Acq: 20 Nov 2019 09:57

Tgt Ion: 91 Resp: 1312608
Ion Ratio Lower Upper
91 100
126 30.8 15.3 45.8





#83

tert-Butylbenzene

Concen: 56.629 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

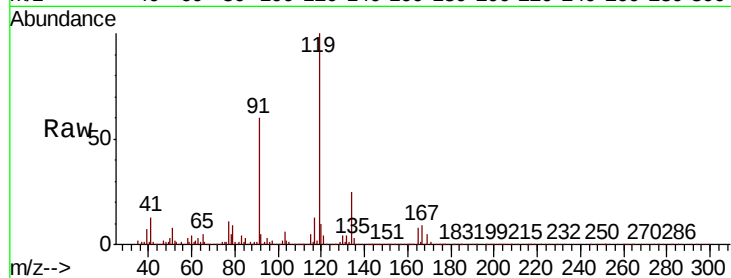
Tot Ion:119 Resp: 1432014

Ion Ratio Lower Upper

119 100

91 54.4 26.9 80.7

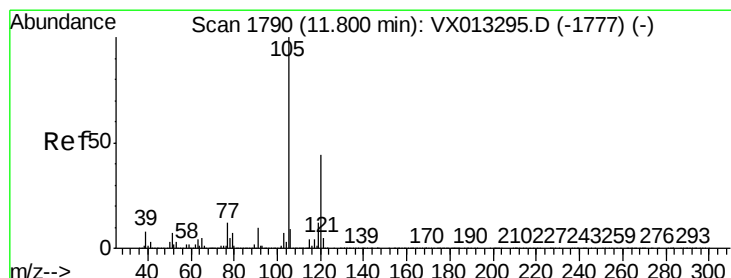
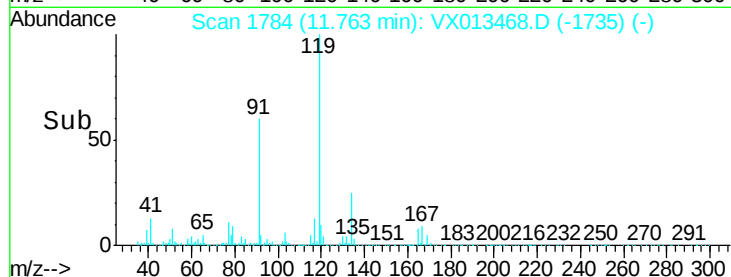
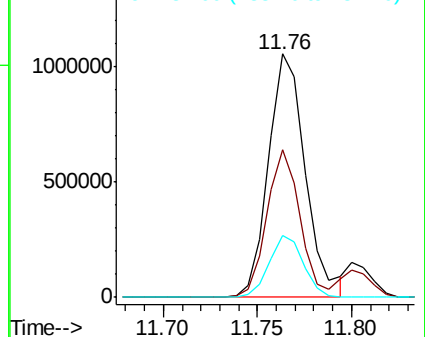
134 23.7 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 56.714 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX013468.D

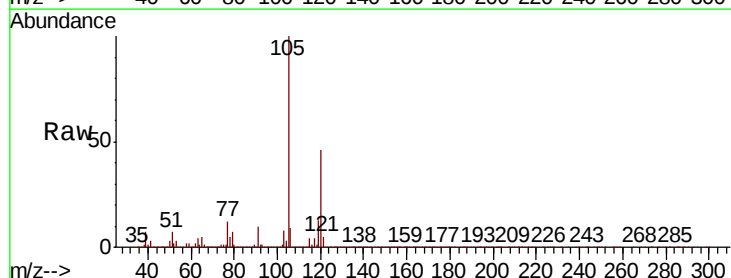
Acq: 20 Nov 2019 09:57

Tgt Ion:105 Resp: 1429189

Ion Ratio Lower Upper

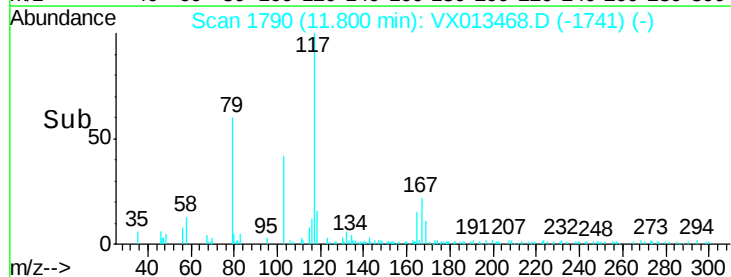
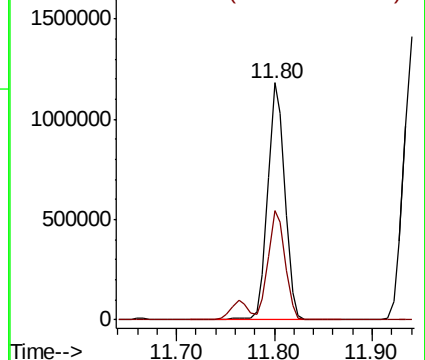
105 100

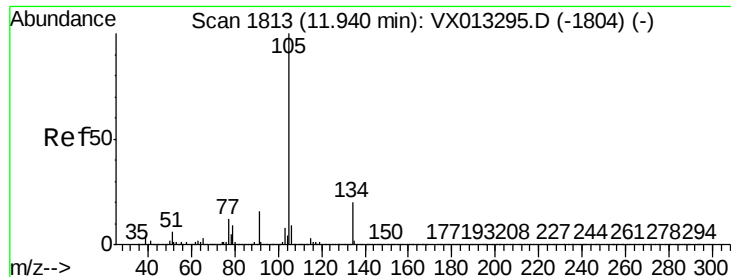
120 45.7 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 57.754 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

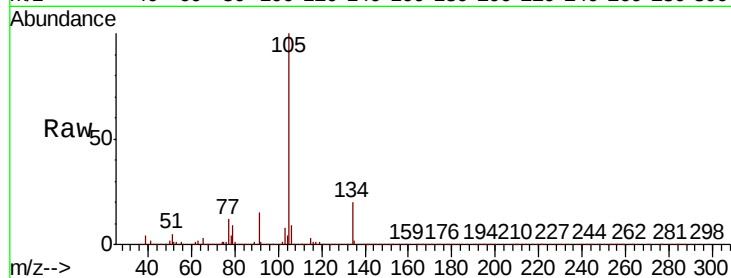
VSTDCCC050

Tot Ion:105 Resp: 1678498

Ion Ratio Lower Upper

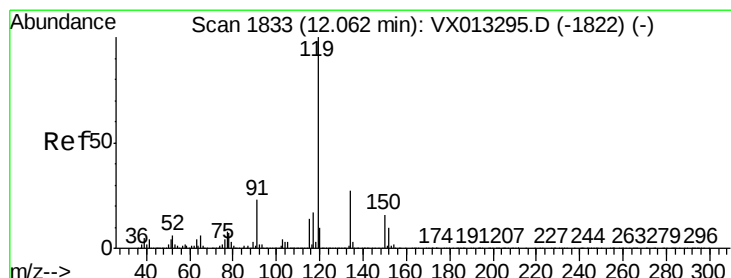
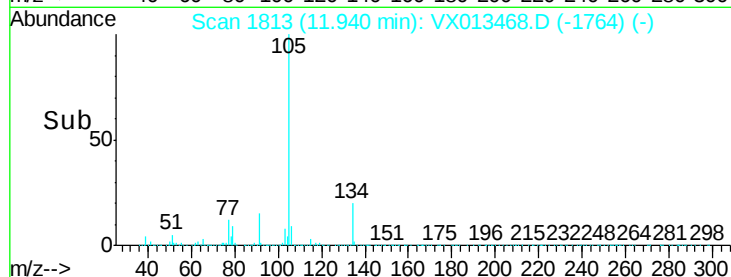
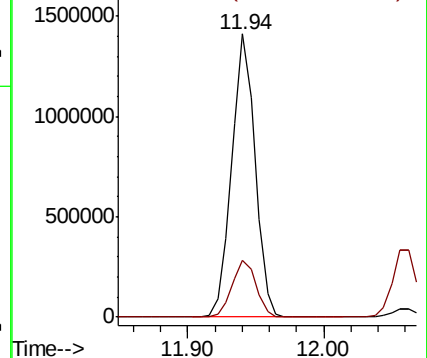
105 100

134 20.8 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 58.301 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

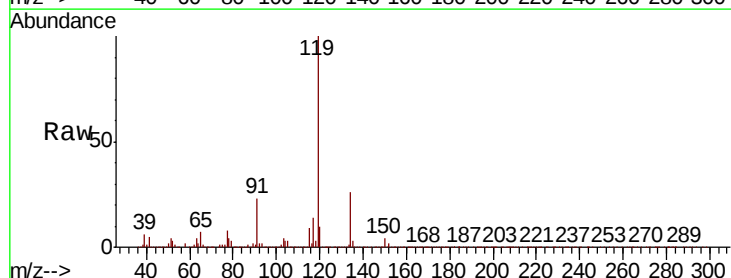
Tgt Ion:119 Resp: 1560259

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

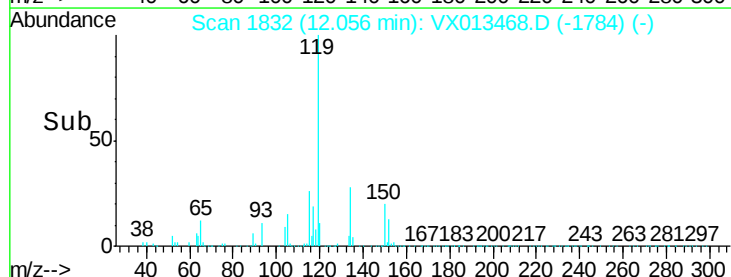
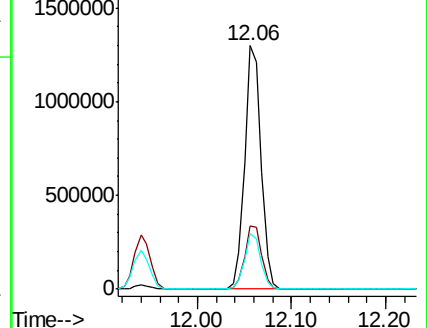
91 22.5 11.5 34.4



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): V

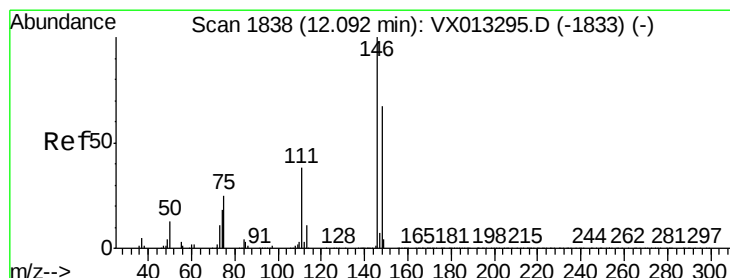
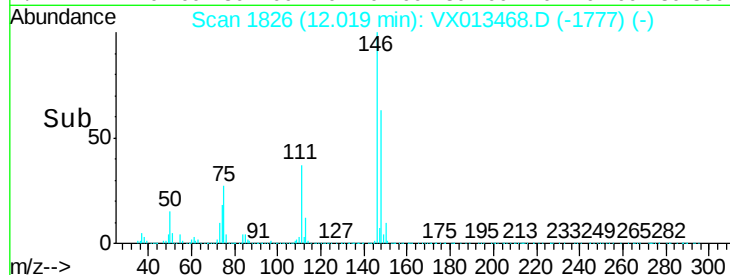
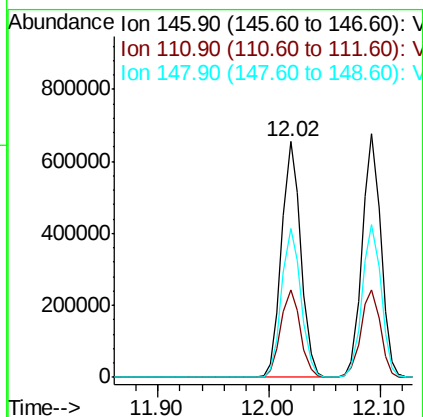
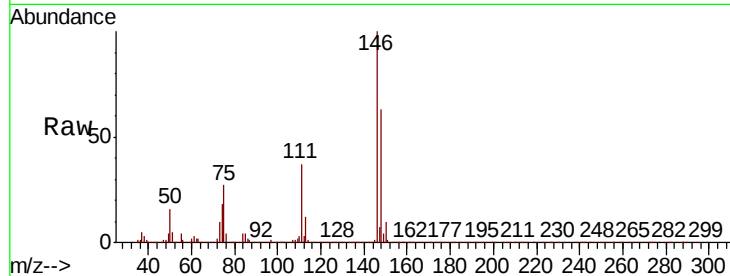




#87
 1,3-Dichlorobenzene
 Concen: 54.994 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013468.D
 Acq: 20 Nov 2019 09:57

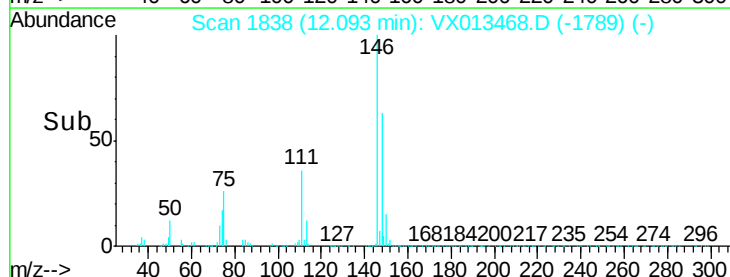
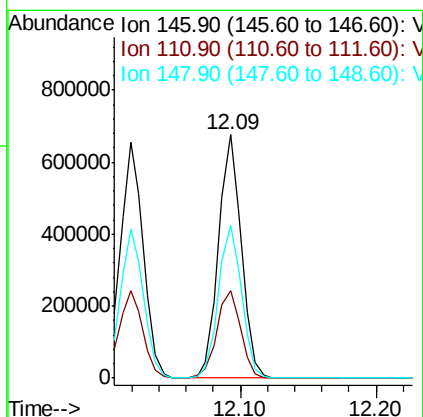
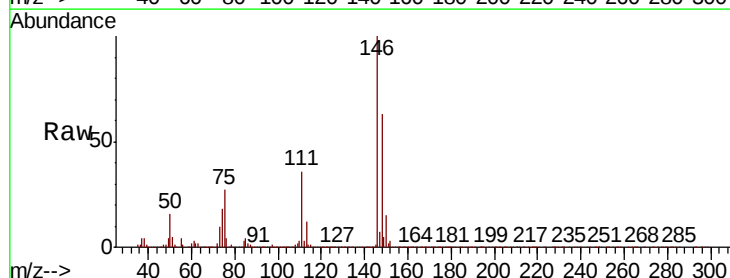
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

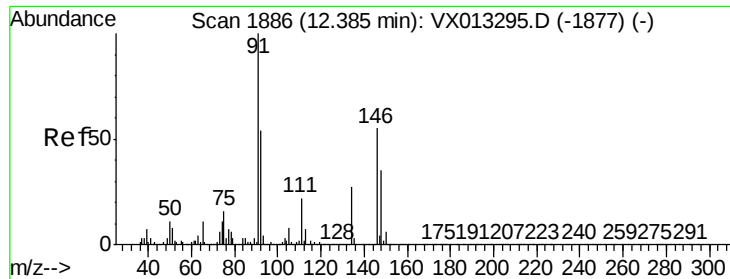
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.5
148	63.4	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 53.746 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013468.D
 Acq: 20 Nov 2019 09:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.8	56.4
148	64.2	32.4	97.0





#89

n-Butylbenzene

Concen: 58.292 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

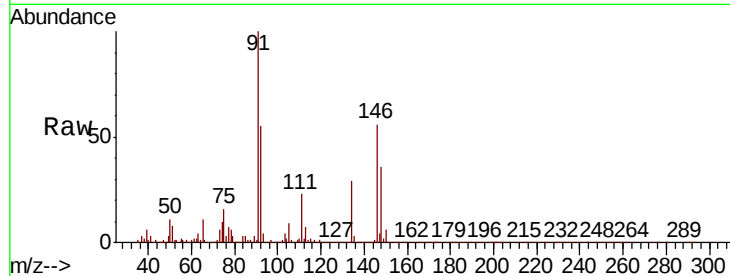
Tot Ion: 91 Resp: 1361222

Ion Ratio Lower Upper

91 100

92 55.1 27.3 81.8

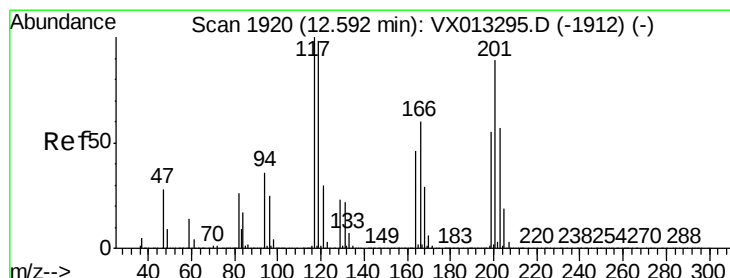
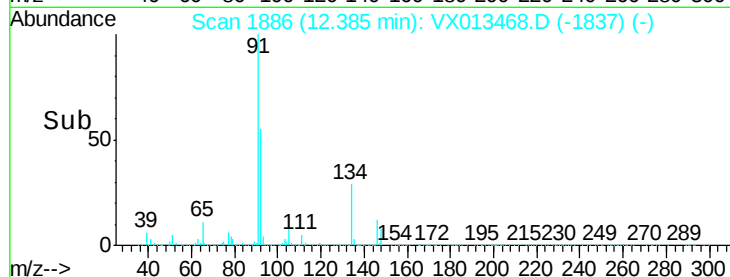
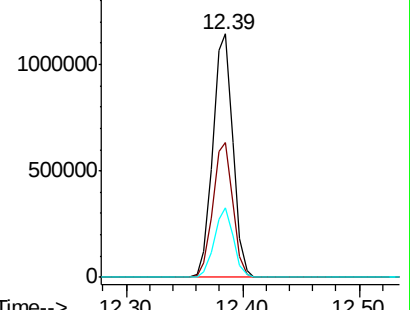
134 27.2 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX013468.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX013468.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX013468.D (-1837) (-)



#90

Hexachloroethane

Concen: 58.321 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013468.D

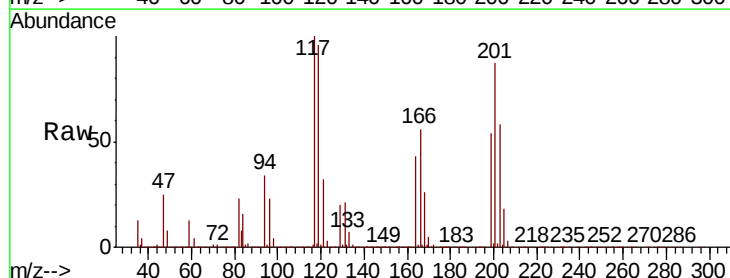
Acq: 20 Nov 2019 09:57

Tgt Ion: 117 Resp: 278087

Ion Ratio Lower Upper

117 100

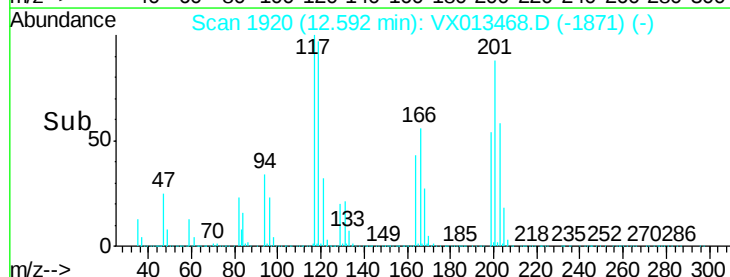
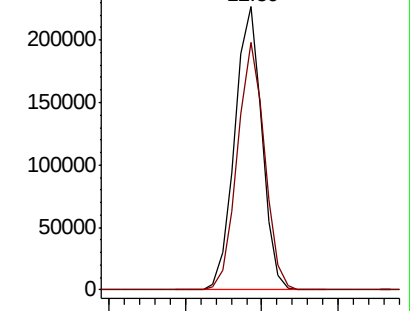
201 87.9 43.9 131.7

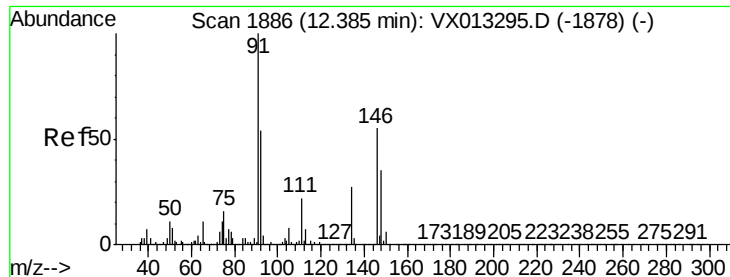


Abundance Ion 116.80 (116.50 to 117.50): VX013468.D (-1871) (-)

Ion 200.70 (200.40 to 201.40): VX013468.D (-1871) (-)

Ion 201.70 (201.40 to 202.40): VX013468.D (-1871) (-)





#91

1,2-Dichlorobenzene

Concen: 54.636 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

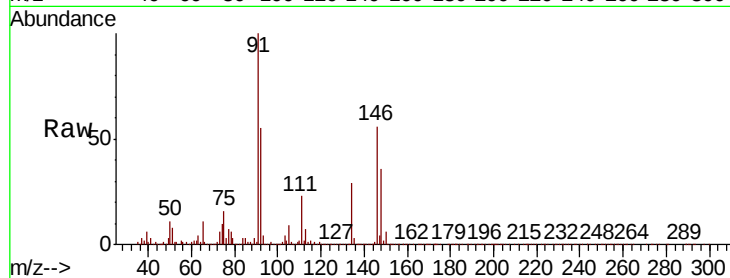
Tot Ion:146 Resp: 782695

Ion Ratio Lower Upper

146 100

111 39.9 20.1 60.2

148 64.1 32.0 96.0



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

12.39

600000

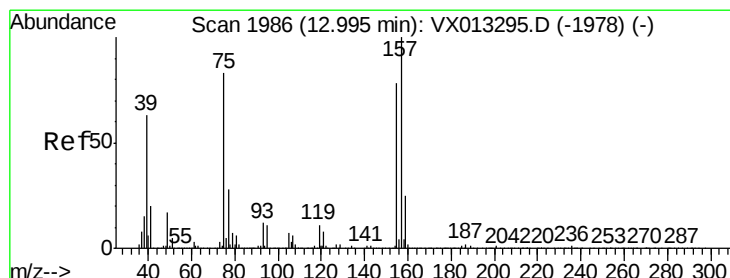
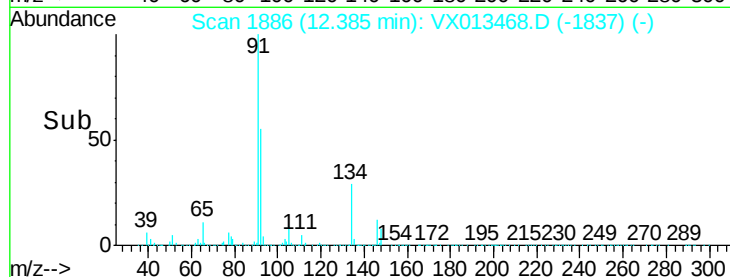
400000

200000

0

12.30 12.40

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.319 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX013468.D

Acq: 20 Nov 2019 09:57

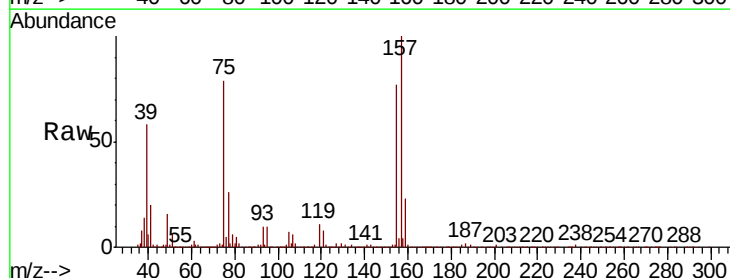
Tgt Ion: 75 Resp: 126841

Ion Ratio Lower Upper

75 100

155 96.4 47.1 141.4

157 125.7 61.3 183.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

12.99

150000

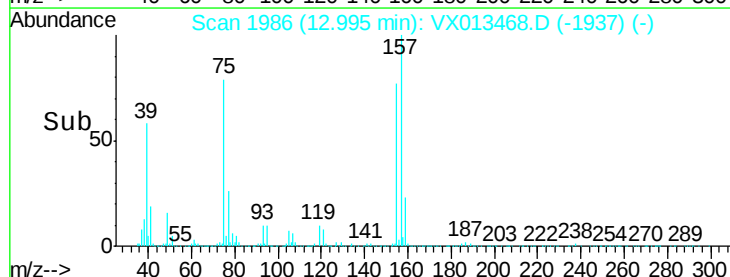
100000

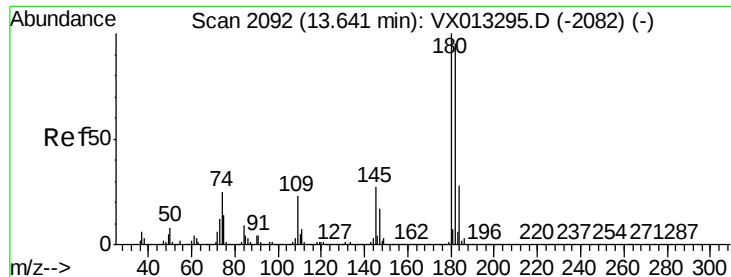
50000

0

12.90 12.95 13.00 13.05

Time-->

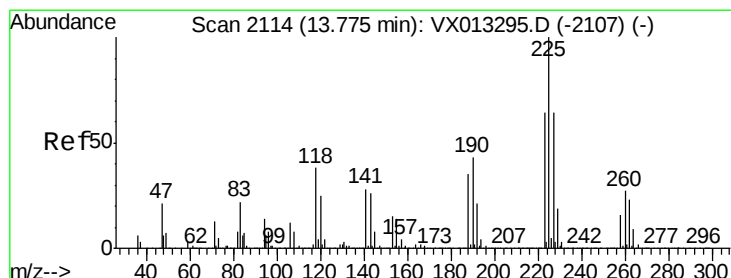
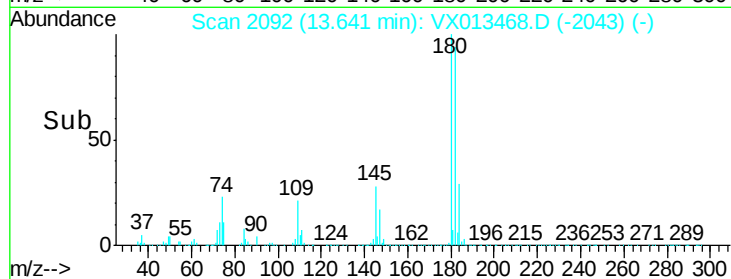
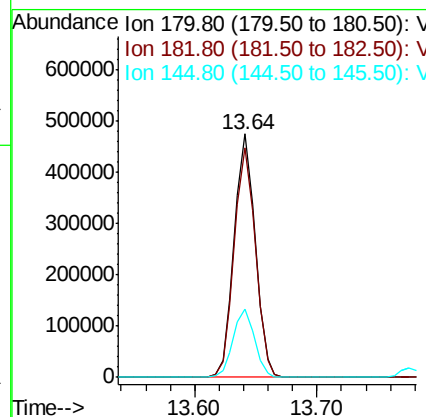
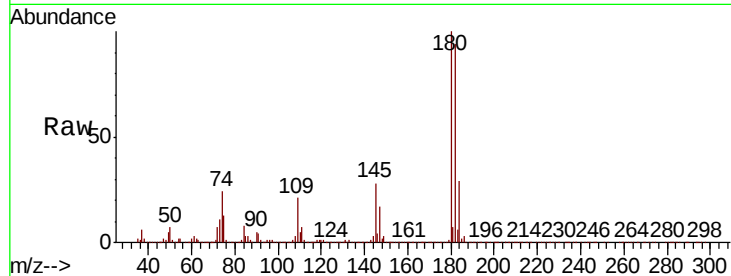




#93
 1,2,4-Trichlorobenzene
 Concen: 56.389 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013468.D
 Acq: 20 Nov 2019 09:57

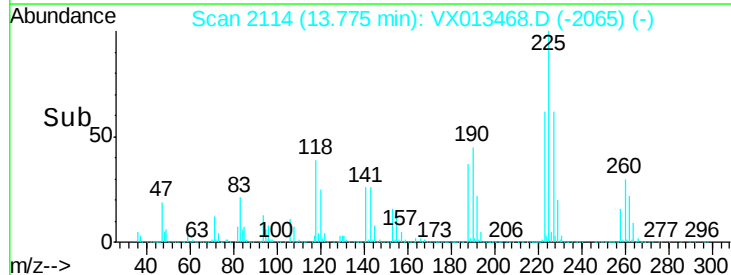
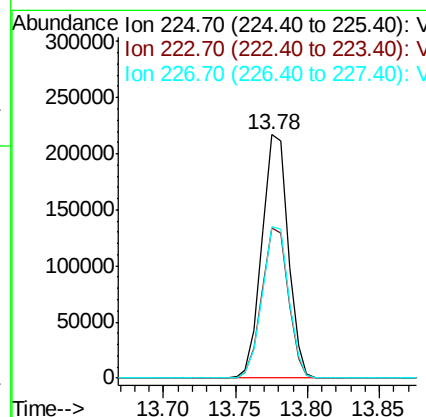
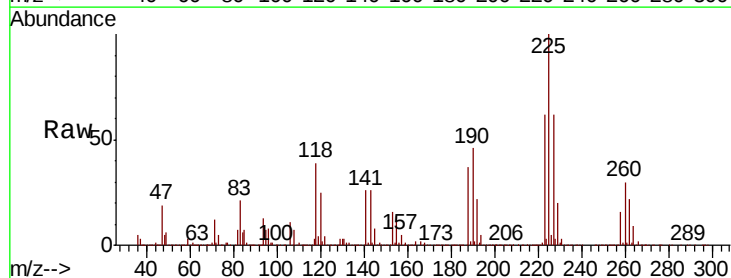
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

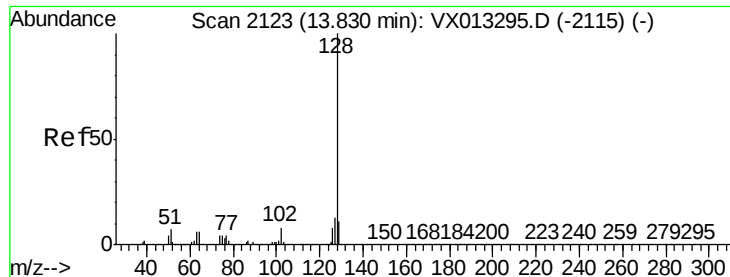
Tot Ion:180 Resp: 563478
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.4 145.0
 145 28.4 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 55.664 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013468.D
 Acq: 20 Nov 2019 09:57

Tgt Ion:225 Resp: 272132
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.9 95.7
 227 62.6 31.9 95.9

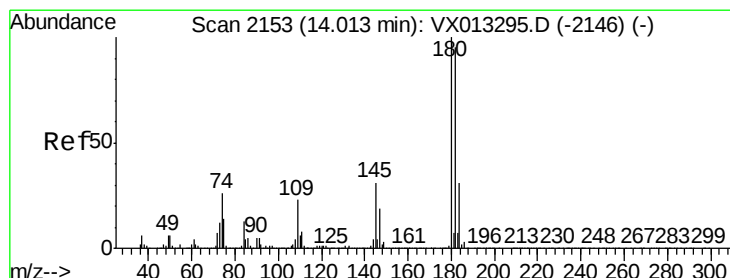
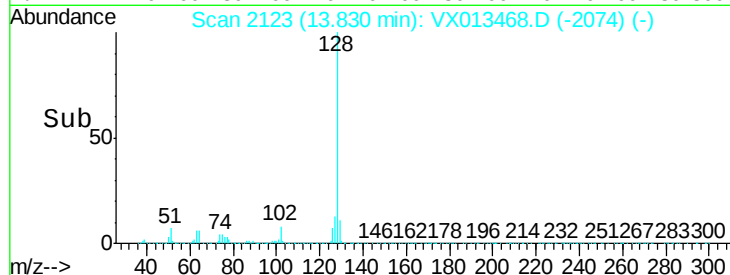
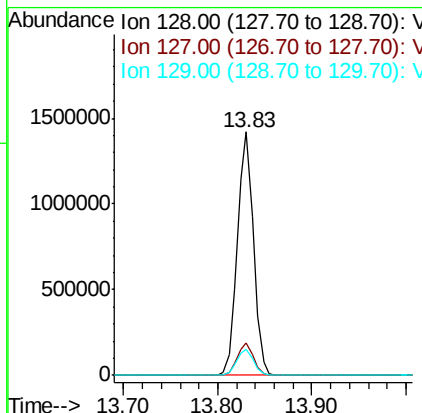
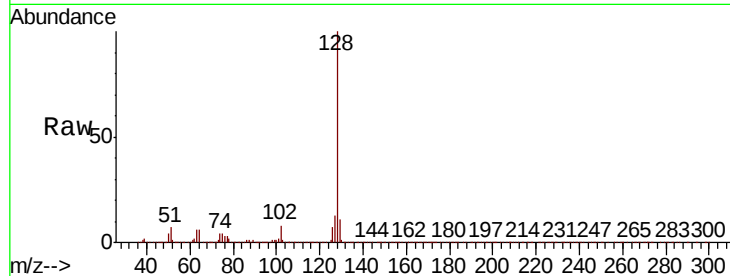




#95
Naphthalene
Concen: 53.641 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013468.D
Acq: 20 Nov 2019 09:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 1681762
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.9 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 54.857 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013468.D
Acq: 20 Nov 2019 09:57

Tgt Ion:180 Resp: 549749
Ion Ratio Lower Upper
180 100
182 97.6 48.0 144.2
145 30.2 15.4 46.4

