

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082919\
 Data File : VX011888.D
 Acq On : 29 Aug 2019 22:36
 Operator : SY/SP
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 30 01:41:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:36:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	373326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	521013	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	488218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	281885	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	348628	100.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.20%	
35) Dibromofluoromethane	5.48	113	333604	103.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.38%	
50) Toluene-d8	8.71	98	1184268	101.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.30%	
62) 4-Bromofluorobenzene	11.13	95	481934	92.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	185.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	205449	90.082	ug/l	99
3) Chloromethane	1.31	50	249186	93.024	ug/l	99
4) Vinyl Chloride	1.40	62	244489	96.168	ug/l	99
5) Bromomethane	1.62	94	154767	94.579	ug/l	100
6) Chloroethane	1.70	64	152475	100.613	ug/l	98
7) Trichlorofluoromethane	1.91	101	422208	98.147	ug/l	99
8) Diethyl Ether	2.17	74	143479	100.296	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	279715	110.838	ug/l	100
10) Methyl Iodide	2.49	142	338405	147.699	ug/l	98
11) Tert butyl alcohol	3.04	59	163953	532.261	ug/l	100
12) 1,1-Dichloroethene	2.35	96	262883	105.267	ug/l	99
13) Acrolein	2.28	56	75339	515.746	ug/l	99
14) Allyl chloride	2.71	41	498049	109.652	ug/l	100
15) Acrylonitrile	3.13	53	405538	526.299	ug/l	99
16) Acetone	2.43	43	350239	262.325	ug/l	100
17) Carbon Disulfide	2.56	76	772231	103.260	ug/l	100
18) Methyl Acetate	2.76	43	199984	70.781	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	850206	104.343	ug/l	99
20) Methylene Chloride	2.84	84	322564	95.949	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	311985	100.947	ug/l	98
22) Diisopropyl ether	3.84	45	1007040	102.326	ug/l	97
23) Vinyl Acetate	3.80	43	3284240	764.335	ug/l	99
24) 1,1-Dichloroethane	3.68	63	560630	100.708	ug/l	100
25) 2-Butanone	4.65	43	556211	514.103	ug/l	99
26) 2,2-Dichloropropane	4.56	77	458556	117.552	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	368065	100.809	ug/l	100
28) Bromochloromethane	4.99	49	230248	92.989	ug/l	99
29) Tetrahydrofuran	5.11	42	351683	522.032	ug/l	100
30) Chloroform	5.20	83	594794	99.116	ug/l	98
31) Cyclohexane	5.57	56	429959	94.818	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	531611	104.987	ug/l	99
36) 1,1-Dichloropropene	5.79	75	414226	100.795	ug/l	99
37) Ethyl Acetate	4.82	43	246816	127.444	ug/l	99
38) Carbon Tetrachloride	5.77	117	487938	121.838	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	476935	97.067	ug/l	99
40) Benzene	6.13	78	1247694	101.592	ug/l	100
41) Methacrylonitrile	5.02	41	146123	110.789	ug/l	99
42) 1,2-Dichloroethane	6.18	62	424493	103.584	ug/l	100
43) Isopropyl Acetate	6.43	43	502693	130.257	ug/l	100
44) Trichloroethene	7.20	130	388083	91.510	ug/l	98
45) 1,2-Dichloropropane	7.51	63	326977	104.574	ug/l	100
46) Dibromomethane	7.65	93	194404	103.907	ug/l	100
47) Bromodichloromethane	7.89	83	483614	111.542	ug/l	99
48) Methyl methacrylate	7.76	41	244611	128.842	ug/l	100
49) 1,4-Dioxane	7.73	88	63603	2319.849	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1239046	603.223	ug/l	100
52) Toluene	8.78	92	818223	101.641	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	499566	147.577	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	555658	128.176	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	277955	109.362	ug/l	98
56) Ethyl methacrylate	9.17	69	395191	149.771	ug/l	99
57) 1,3-Dichloropropane	9.37	76	463920	113.065	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	894282	1054.397	ug/l	99
59) 2-Hexanone	9.49	43	879557	651.660	ug/l	99
60) Dibromochloromethane	9.58	129	386404	118.108	ug/l	100
61) 1,2-Dibromoethane	9.66	107	280266	117.542	ug/l	99
64) Tetrachloroethene	9.33	164	387260	79.587	ug/l	99
65) Chlorobenzene	10.13	112	951855	103.051	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	393336	118.435	ug/l	99
67) Ethyl Benzene	10.25	91	1603537	101.537	ug/l	99
68) m/p-Xylenes	10.35	106	1241796	203.557	ug/l	99
69) o-Xylene	10.69	106	610917	104.382	ug/l	99
70) Styrene	10.71	104	1082278	112.839	ug/l	100
71) Bromoform	10.85	173	282025	125.116	ug/l #	100
73) Isopropylbenzene	11.01	105	1618752	97.971	ug/l	99
74) N-amyl acetate	10.89	43	487344	120.011	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.26	83	331318	121.096	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	365225	168.542	ug/l	85
77) Bromobenzene	11.25	156	477459	102.850	ug/l	98
78) n-propylbenzene	11.35	91	1829897	98.278	ug/l	99
79) 2-Chlorotoluene	11.41	91	1106027	98.402	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1408495	101.079	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	112268	188.287	ug/l	99
82) 4-Chlorotoluene	11.51	91	1319559	98.552	ug/l	99
83) tert-Butylbenzene	11.77	119	1428824	105.760	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1422831	102.577	ug/l	99
85) sec-Butylbenzene	11.94	105	1643514	101.144	ug/l	99
86) p-Isopropyltoluene	12.06	119	1603556	105.800	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	881753	102.016	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	885332	102.722	ug/l	99
89) n-Butylbenzene	12.38	91	1406072	105.446	ug/l	99
90) Hexachloroethane	12.59	117	320781	153.953	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	817687	104.125	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	65742	153.307	ug/l	97

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Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:36:04 2019
Response via : Initial Calibration

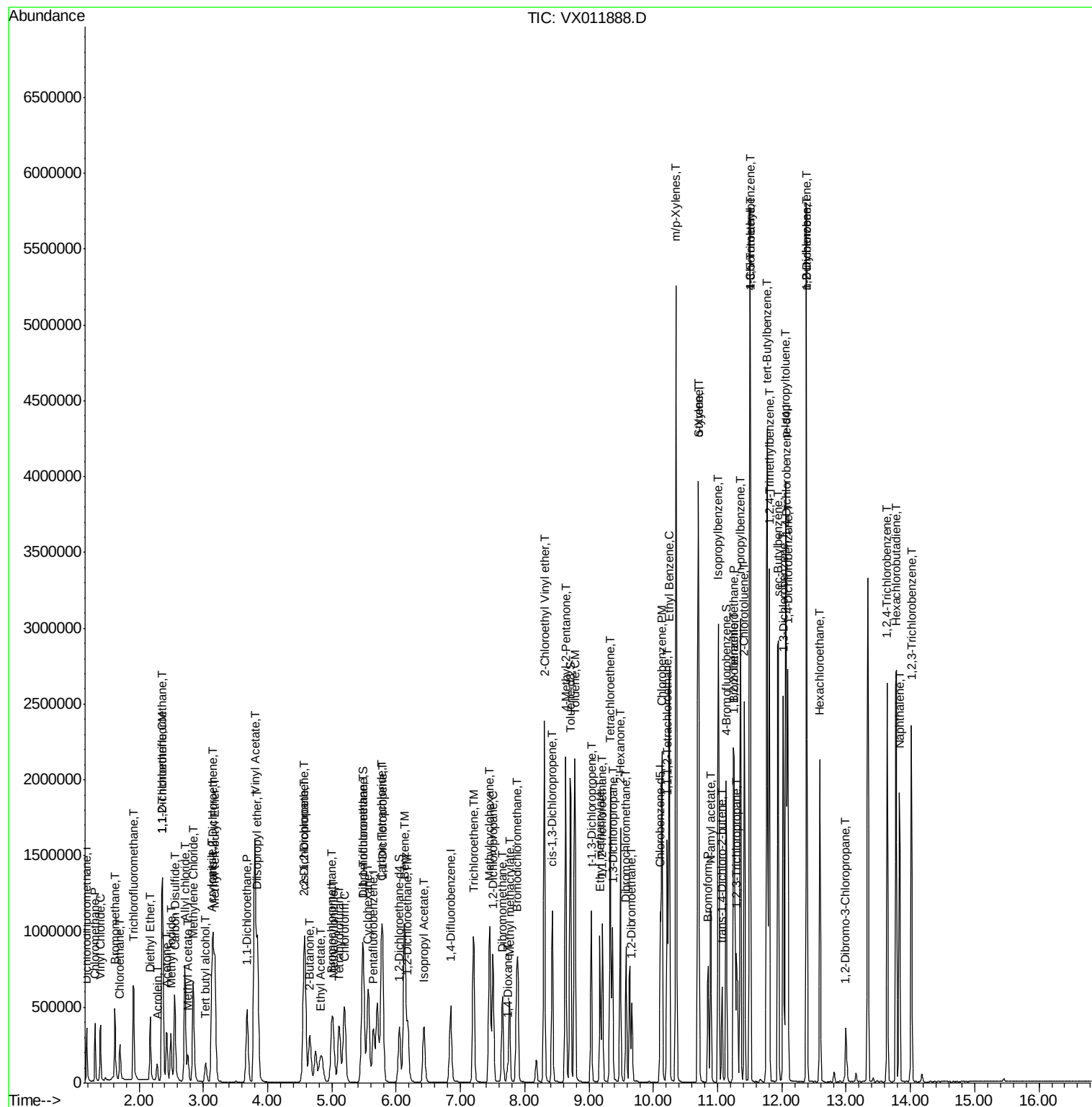
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	692876	109.942	ug/l	100
94) Hexachlorobutadiene	13.78	225	468809	112.908	ug/l	100
95) Naphthalene	13.83	128	1178751	126.262	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	613507	111.349	ug/l	100

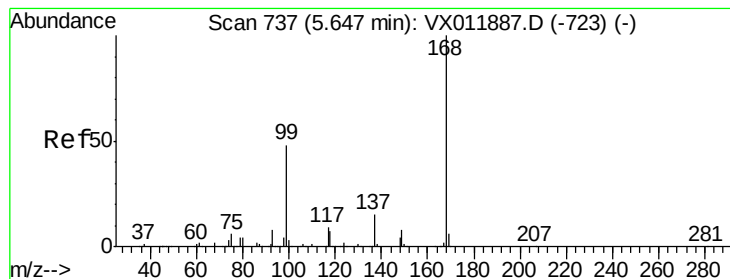
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX082919\
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Acq On : 29 Aug 2019 22:36
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Sample : VSTDIC100
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleID :
VSTDIC100

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Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:36:04 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 737

Delta R.T. 0.00 min

Lab File: VX011888.D

Acq: 29 Aug 2019 22:36

Instrument :

MSVOA_X

ClientSampled :

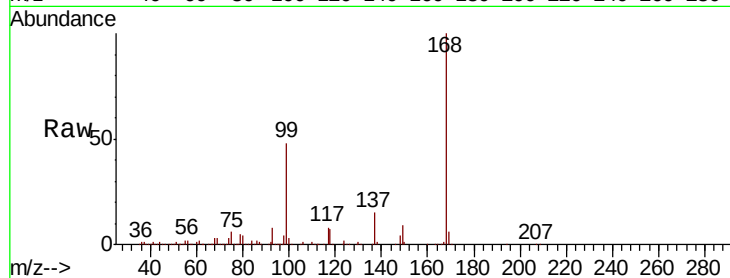
VSTDIC100

Tgt Ion:168 Resp: 373326

Ion Ratio Lower Upper

168 100

99 47.7 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

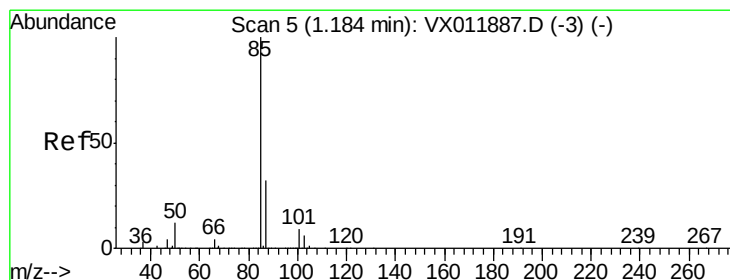
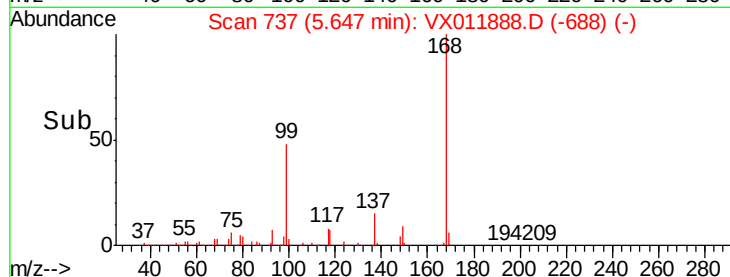
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 90.082 ug/l

RT: 1.18 min Scan# 5

Delta R.T. 0.00 min

Lab File: VX011888.D

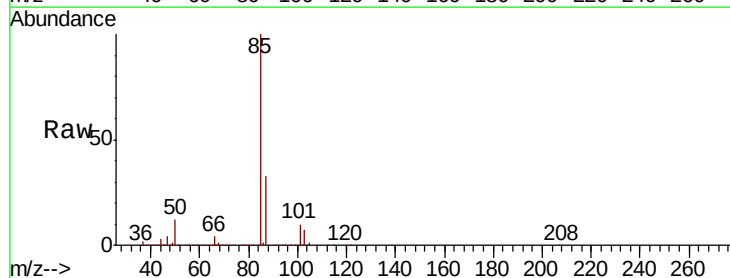
Acq: 29 Aug 2019 22:36

Tgt Ion: 85 Resp: 205449

Ion Ratio Lower Upper

85 100

87 33.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

150000

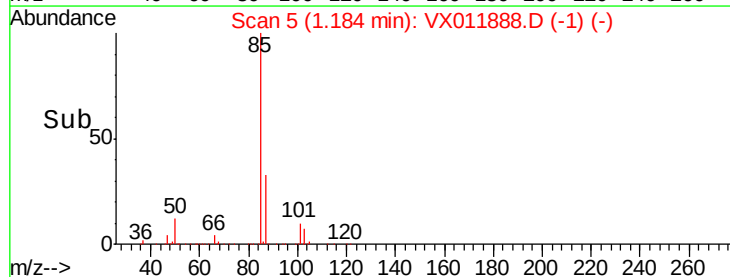
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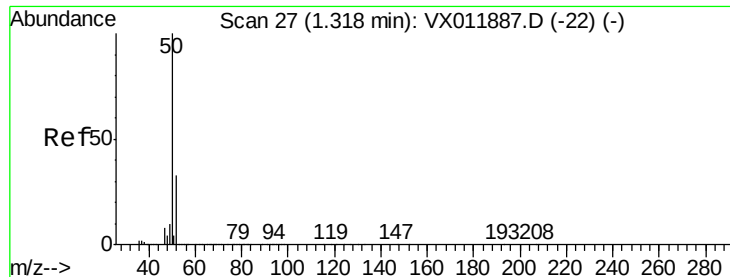
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 93.024 ug/l

RT: 1.31 min Scan# 26

Delta R.T. -0.01 min

Lab File: VX011888.D

Acq: 29 Aug 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

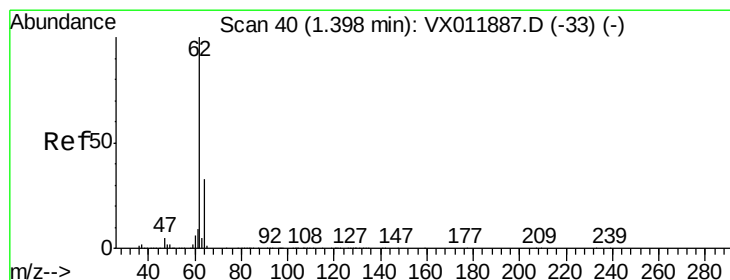
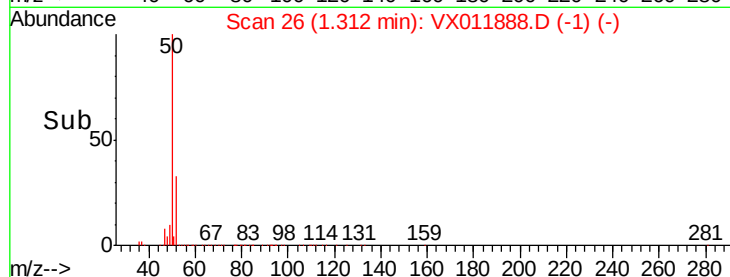
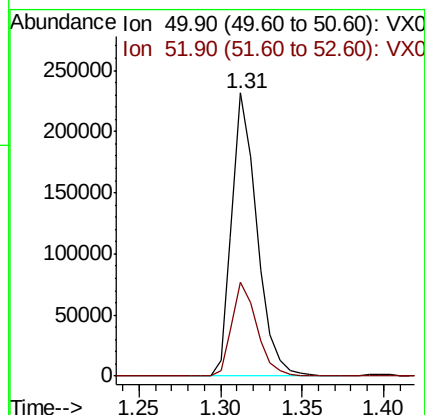
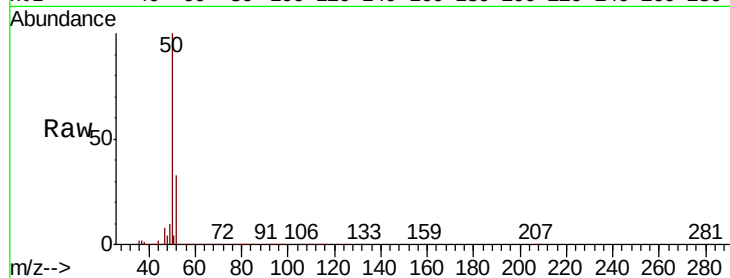
VSTDIC100

Tgt Ion: 50 Resp: 249186

Ion Ratio Lower Upper

50 100

52 33.0 26.0 39.0



#4

Vinyl Chloride

Concen: 96.168 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011888.D

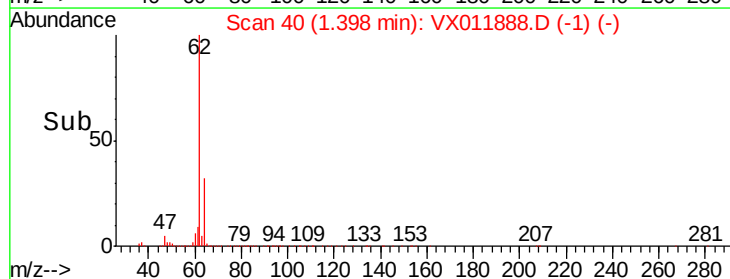
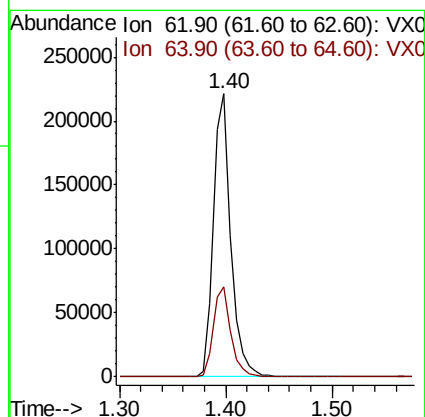
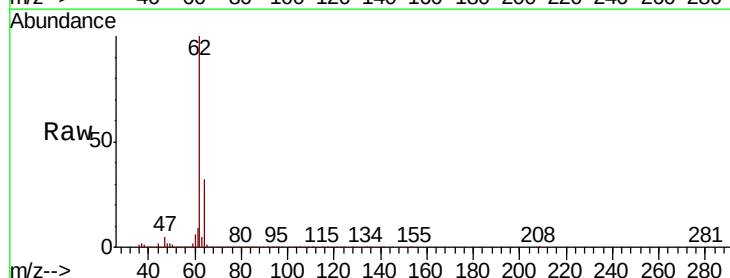
Acq: 29 Aug 2019 22:36

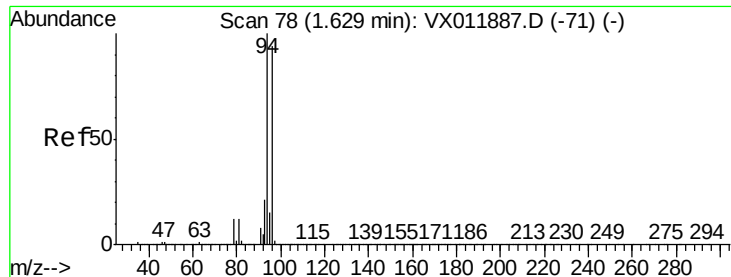
Tgt Ion: 62 Resp: 244489

Ion Ratio Lower Upper

62 100

64 31.7 26.0 39.0





#5

Bromomethane

Concen: 94.579 ug/l

RT: 1.62 min Scan# 77

Delta R.T. -0.01 min

Lab File: VX011888.D

Acq: 29 Aug 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

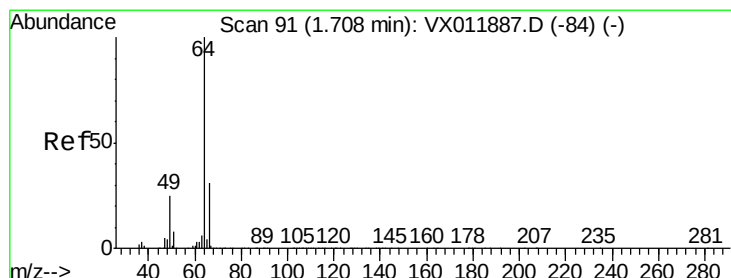
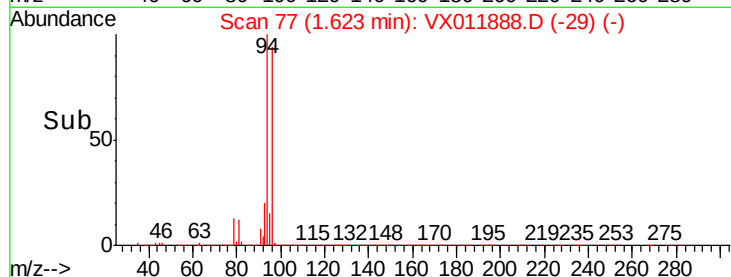
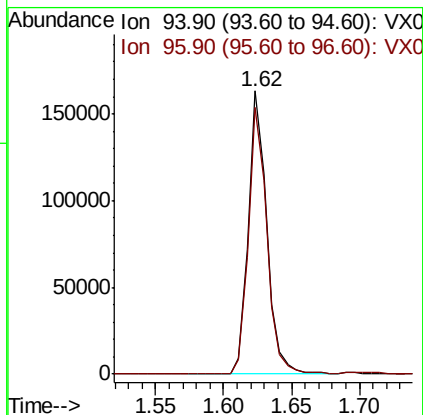
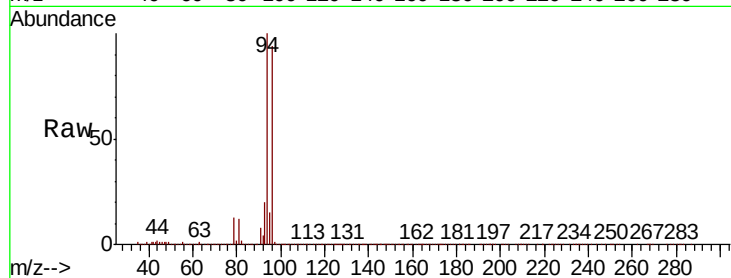
VSTDIC100

Tgt Ion: 94 Resp: 154767

Ion Ratio Lower Upper

94 100

96 94.1 75.0 112.6



#6

Chloroethane

Concen: 100.613 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX011888.D

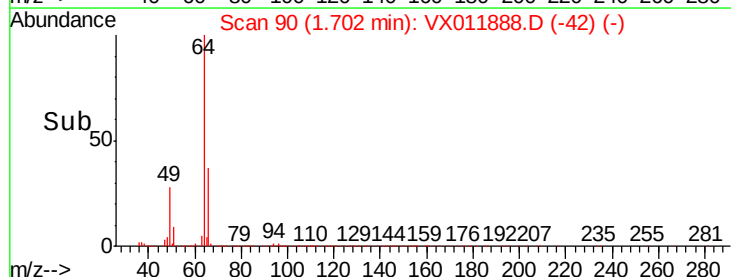
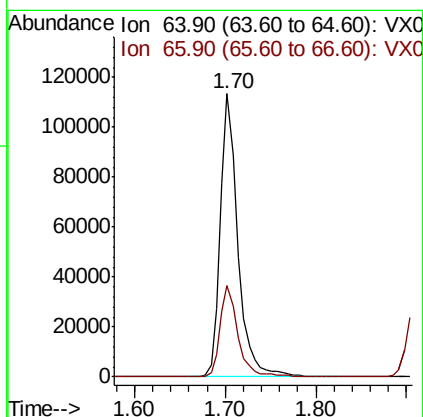
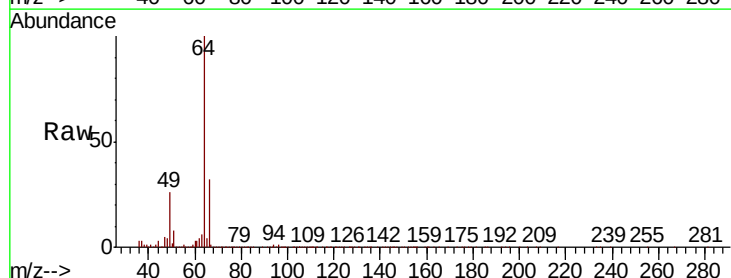
Acq: 29 Aug 2019 22:36

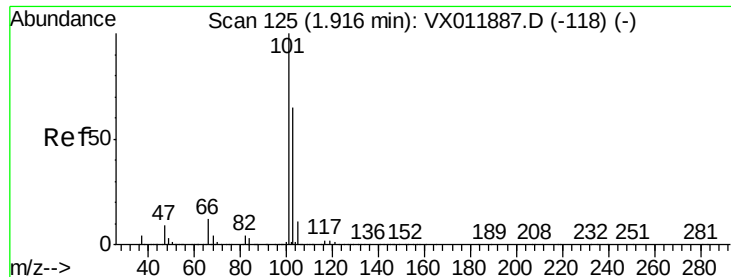
Tgt Ion: 64 Resp: 152475

Ion Ratio Lower Upper

64 100

66 32.2 25.0 37.4



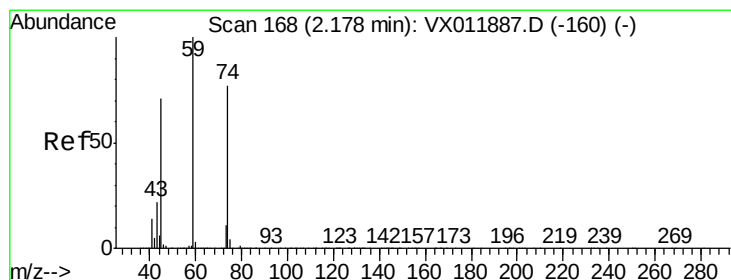
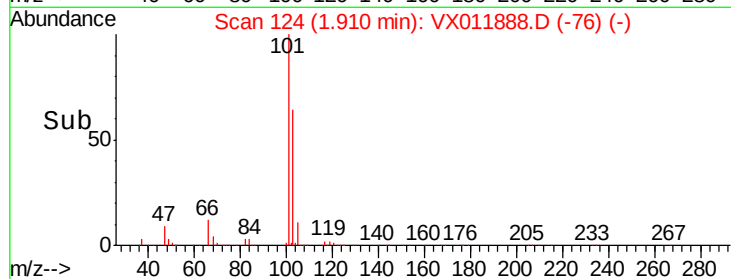
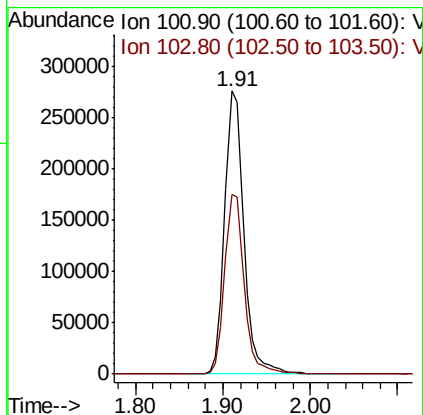
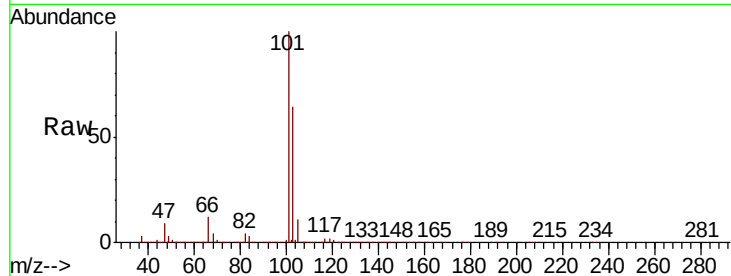


#7

Trichlorofluoromethane
 Concen: 98.147 ug/l
 RT: 1.91 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

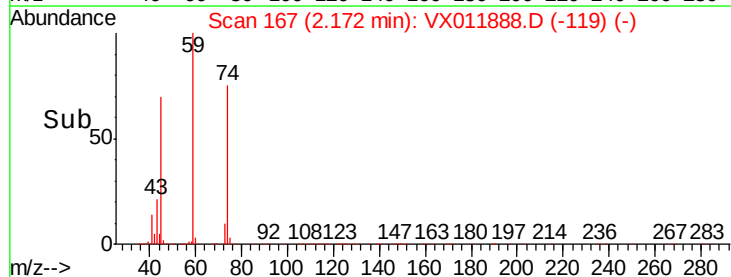
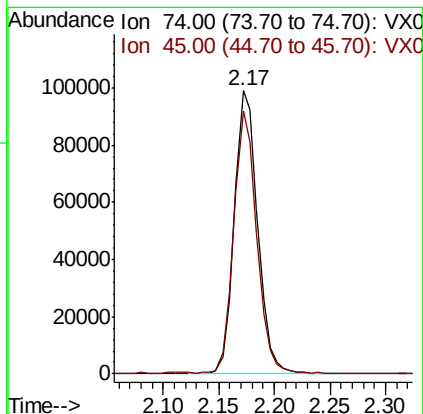
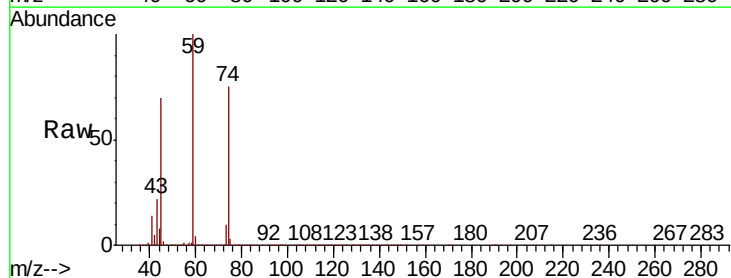
Tgt Ion:101 Resp: 422208
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.6 77.4

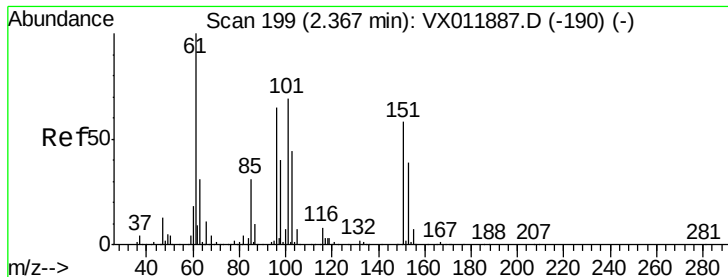


#8

Diethyl Ether
 Concen: 100.296 ug/l
 RT: 2.17 min Scan# 167
 Delta R.T. -0.01 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

Tgt Ion: 74 Resp: 143479
 Ion Ratio Lower Upper
 74 100
 45 91.2 46.7 140.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 110.838 ug/l

RT: 2.37 min Scan# 199

Delta R.T. 0.00 min

Lab File: VX011888.D

Acq: 29 Aug 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

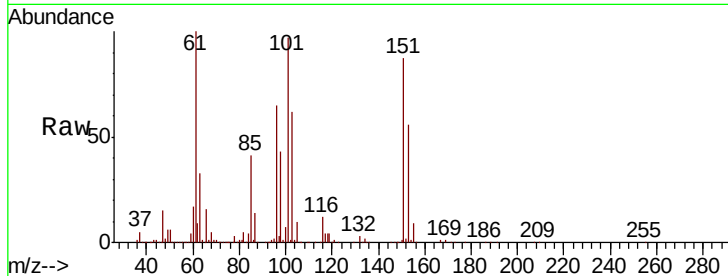
Tgt Ion:101 Resp: 279715

Ion Ratio Lower Upper

101 100

85 43.2 34.9 52.3

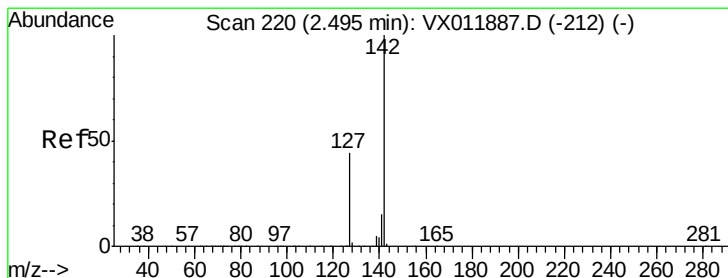
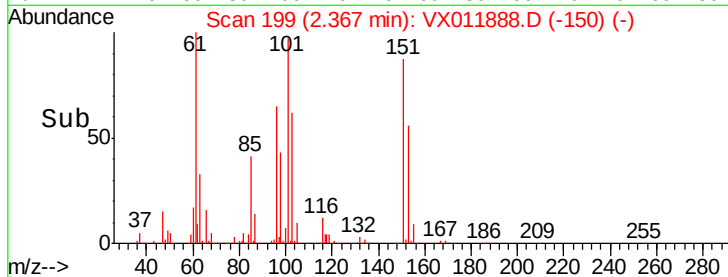
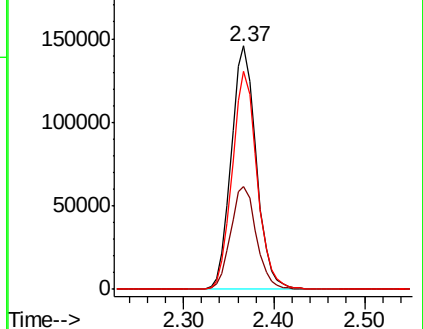
151 88.7 70.9 106.3



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: 147.699 ug/l

RT: 2.49 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX011888.D

Acq: 29 Aug 2019 22:36

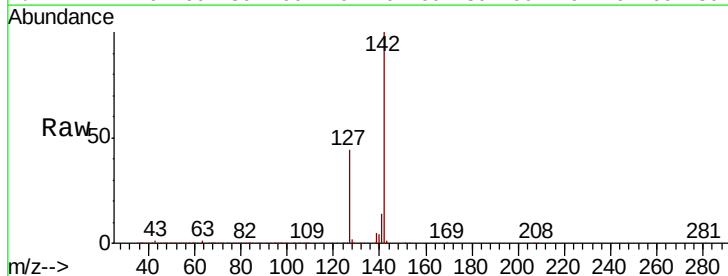
Tgt Ion:142 Resp: 338405

Ion Ratio Lower Upper

142 100

127 43.5 35.7 53.5

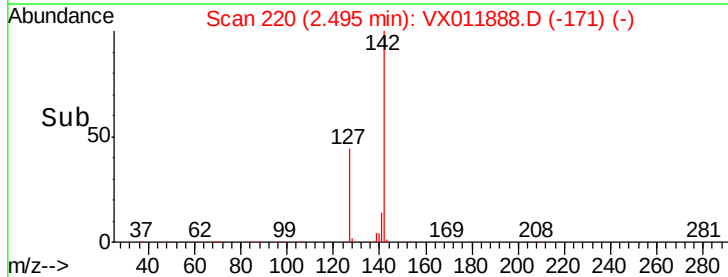
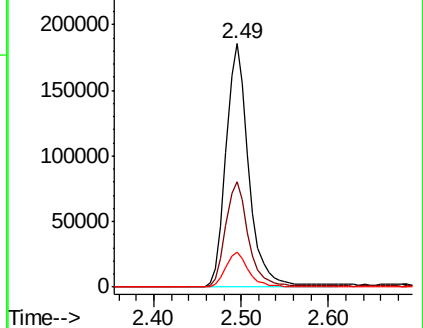
141 14.3 11.8 17.6

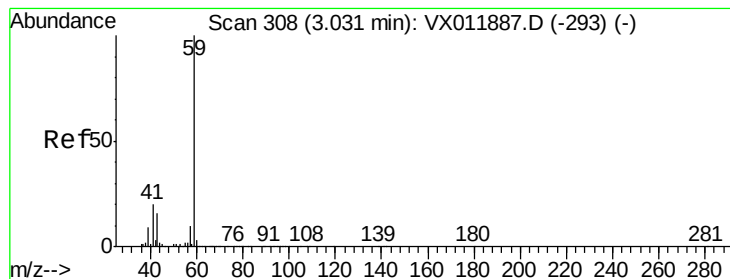


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



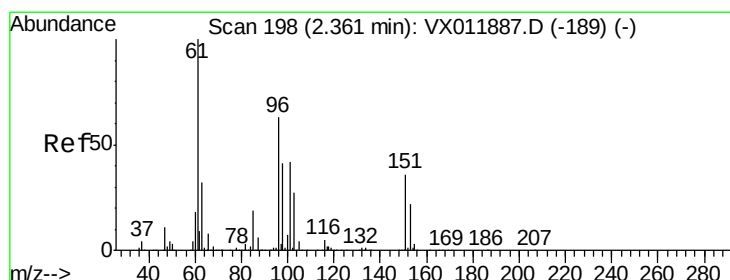
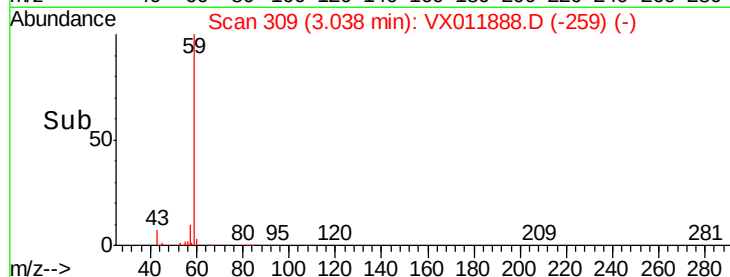
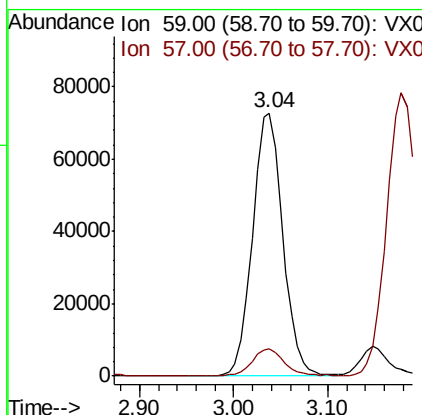
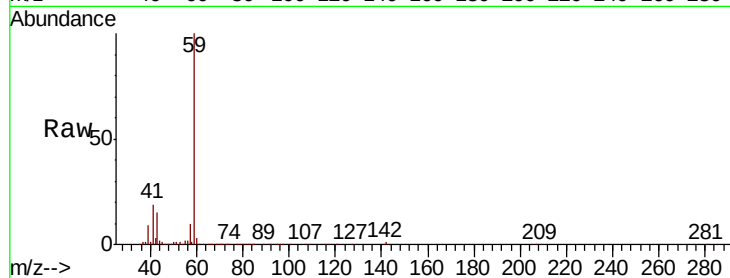


#11

Tert butyl alcohol
 Concen: 532.261 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. 0.01 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

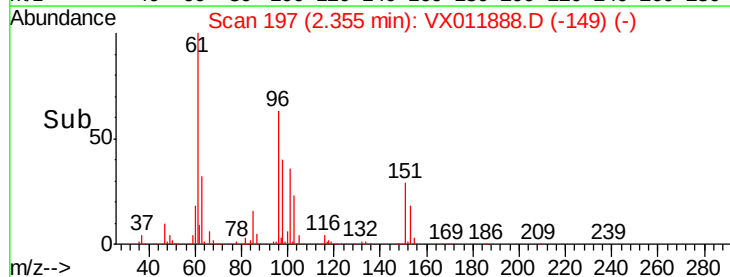
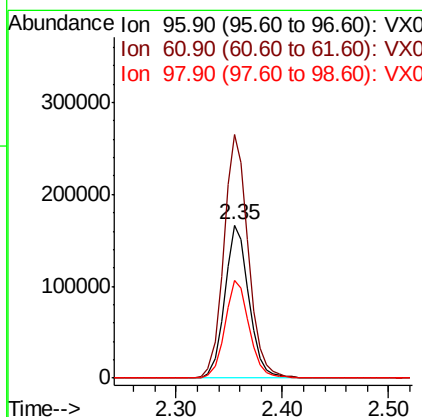
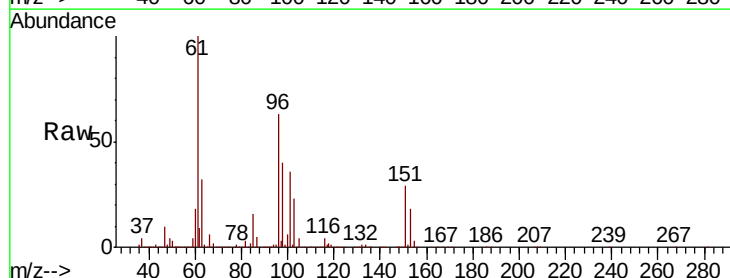
Tgt Ion: 59 Resp: 163953
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.6 12.8

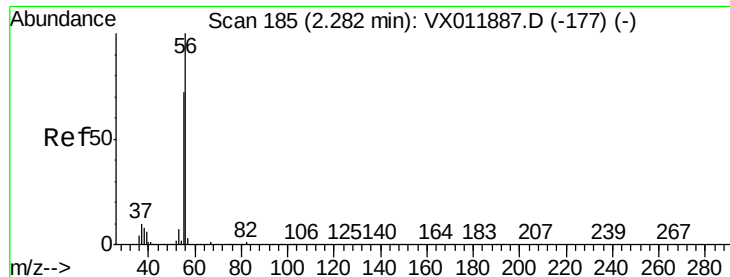


#12

1,1-Dichloroethene
 Concen: 105.267 ug/l
 RT: 2.35 min Scan# 197
 Delta R.T. -0.01 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

Tgt Ion: 96 Resp: 262883
 Ion Ratio Lower Upper
 96 100
 61 159.5 126.6 190.0
 98 63.8 51.6 77.4

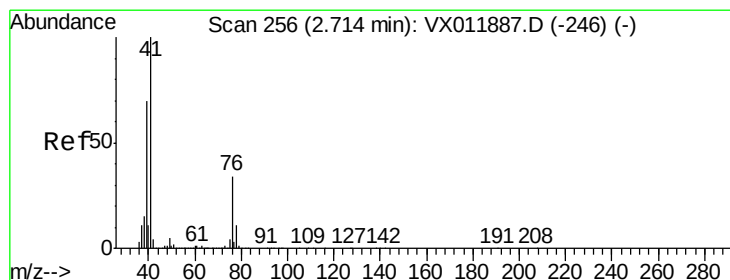
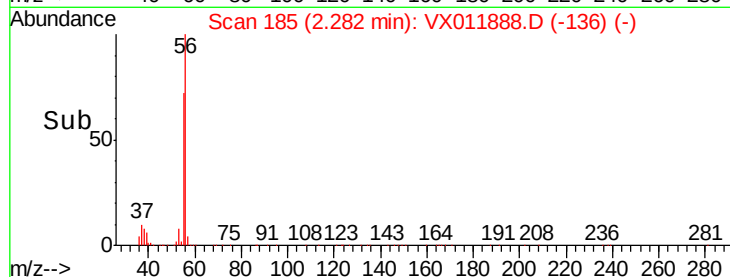
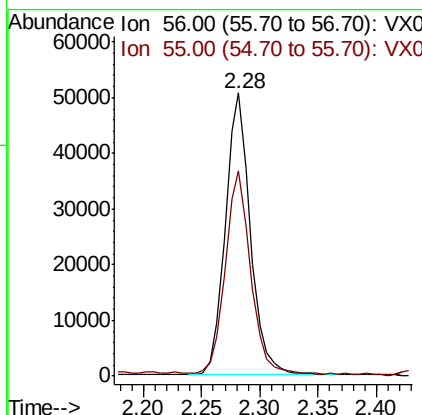
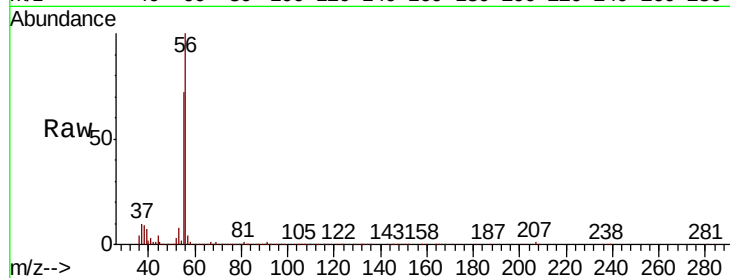




#13
 Acrolein
 Concen: 515.746 ug/l
 RT: 2.28 min Scan# 185
 Delta R.T. 0.00 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

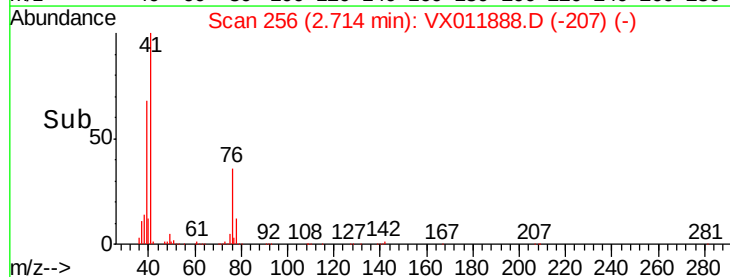
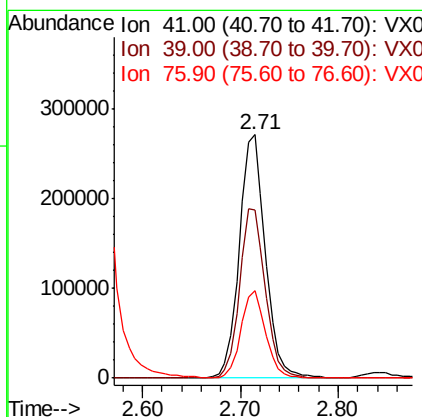
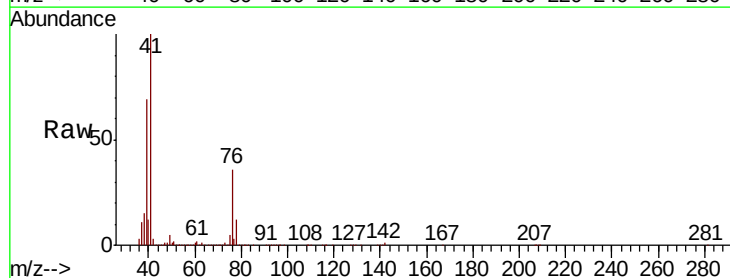
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

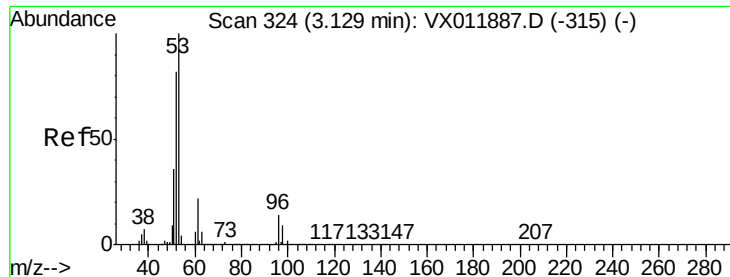
Tgt Ion: 56 Resp: 75339
 Ion Ratio Lower Upper
 56 100
 55 72.4 58.6 88.0



#14
 Allyl chloride
 Concen: 109.652 ug/l
 RT: 2.71 min Scan# 256
 Delta R.T. 0.00 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

Tgt Ion: 41 Resp: 498049
 Ion Ratio Lower Upper
 41 100
 39 68.7 55.0 82.6
 76 34.1 27.0 40.4

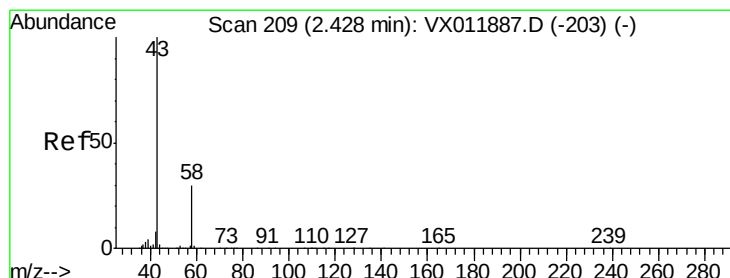
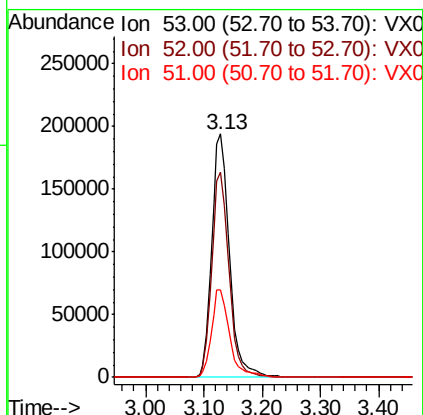
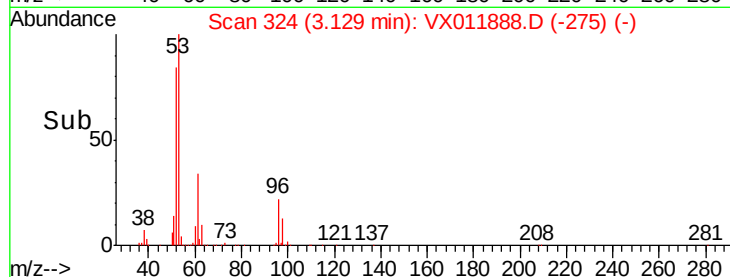
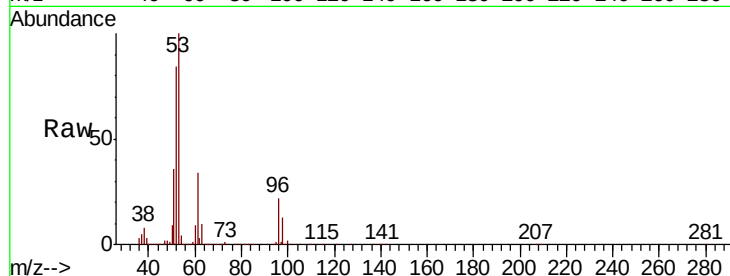




#15
 Acrylonitrile
 Concen: 526.299 ug/l
 RT: 3.13 min Scan# 324
 Delta R.T. 0.00 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

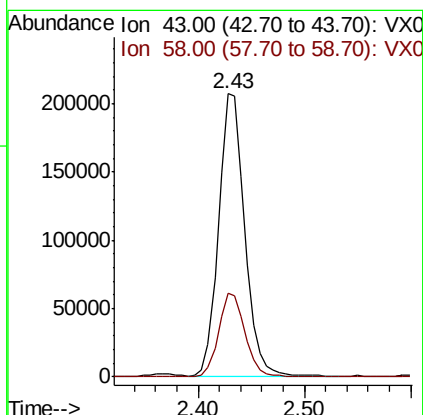
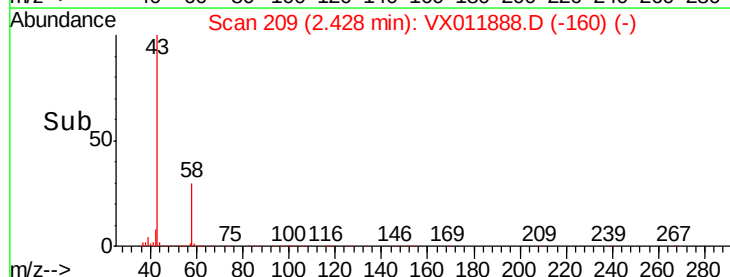
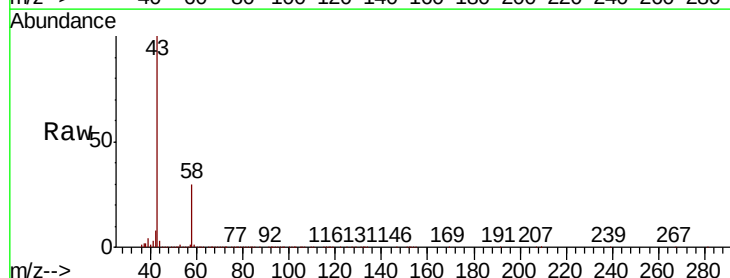
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

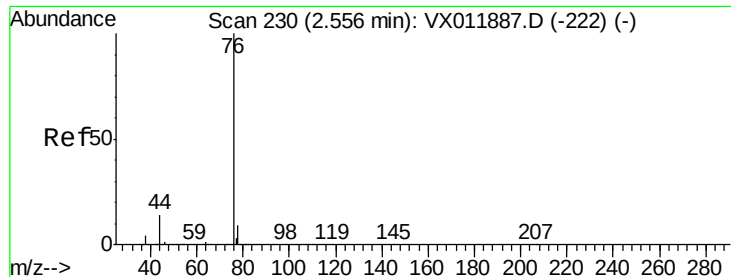
Tgt Ion: 53 Resp: 405538
 Ion Ratio Lower Upper
 53 100
 52 82.2 65.3 97.9
 51 36.6 29.4 44.2



#16
 Acetone
 Concen: 262.325 ug/l
 RT: 2.43 min Scan# 209
 Delta R.T. 0.00 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

Tgt Ion: 43 Resp: 350239
 Ion Ratio Lower Upper
 43 100
 58 29.8 23.8 35.8





#17

Carbon Disulfide

Concen: 103.260 ug/l

RT: 2.56 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX011888.D

Acq: 29 Aug 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

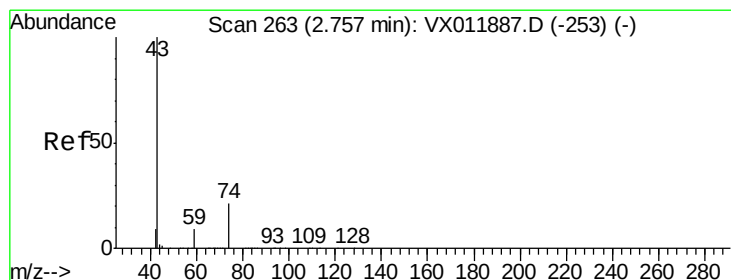
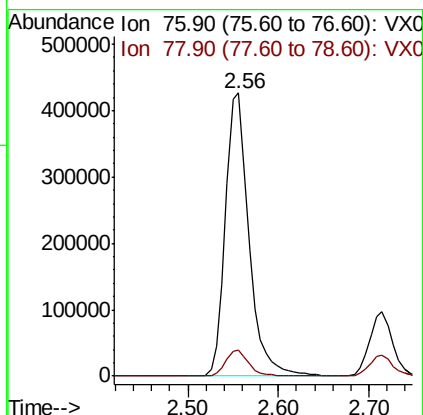
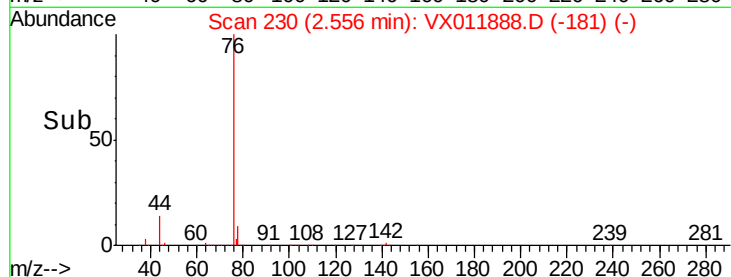
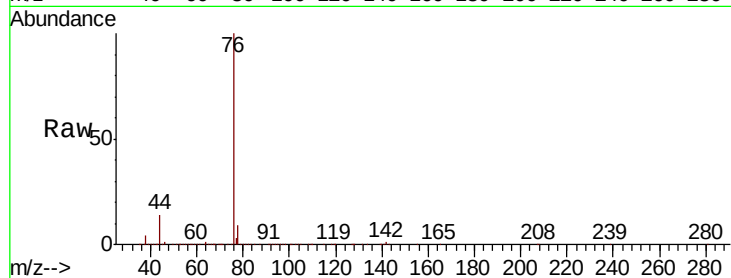
VSTDIC100

Tgt Ion: 76 Resp: 772231

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



#18

Methyl Acetate

Concen: 70.781 ug/l

RT: 2.76 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX011888.D

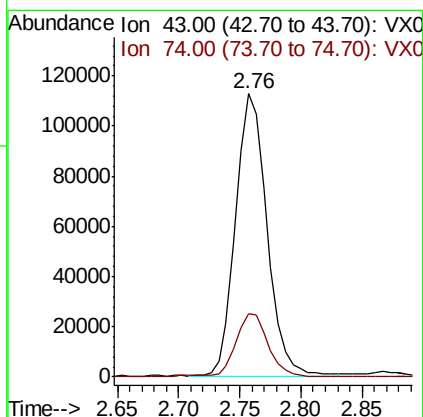
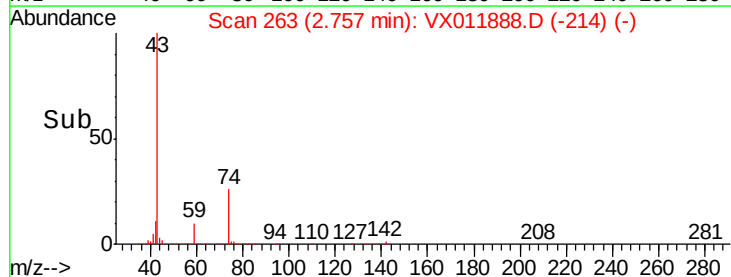
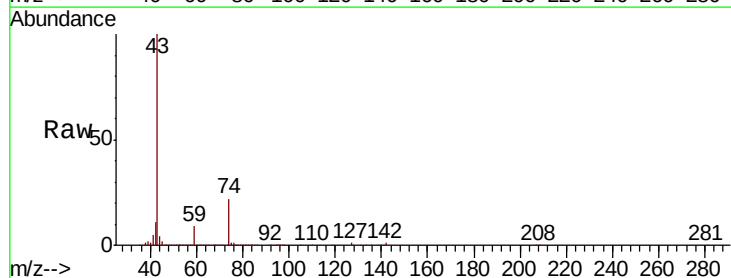
Acq: 29 Aug 2019 22:36

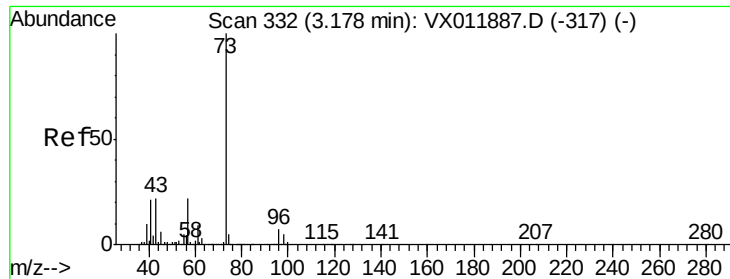
Tgt Ion: 43 Resp: 199984

Ion Ratio Lower Upper

43 100

74 22.6 18.4 27.6

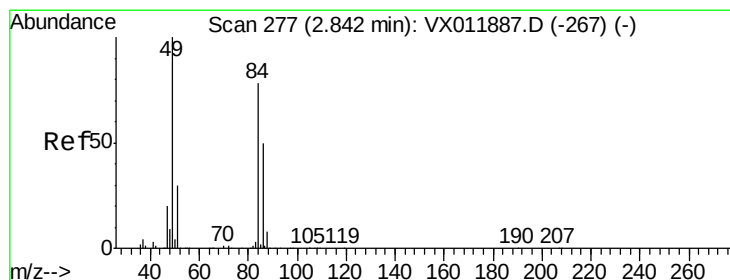
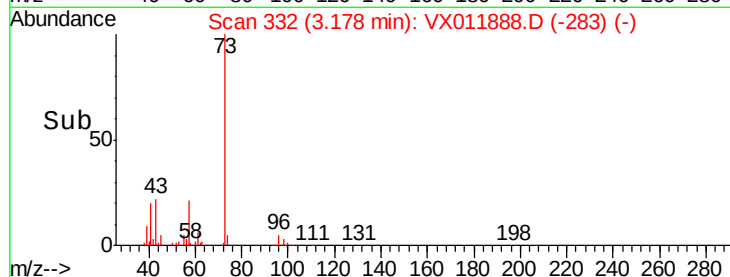
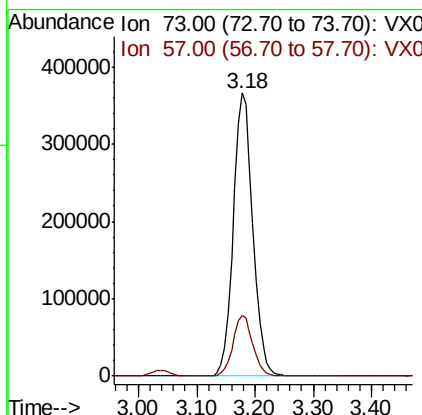
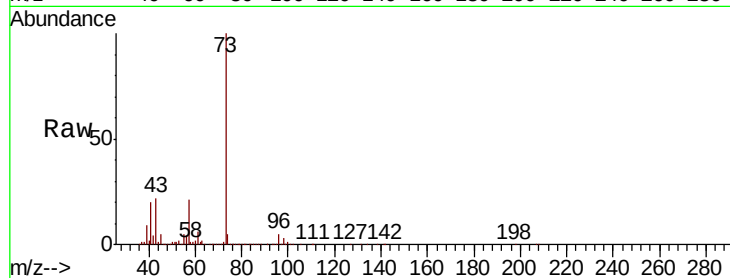




#19
Methyl tert-butyl Ether
Concen: 104.343 ug/l
RT: 3.18 min Scan# 332
Delta R.T. 0.00 min
Lab File: VX011888.D
Acq: 29 Aug 2019 22:36

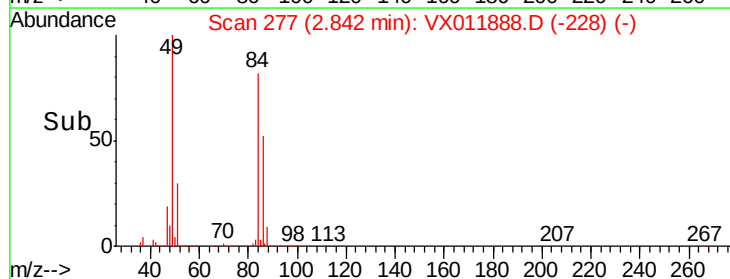
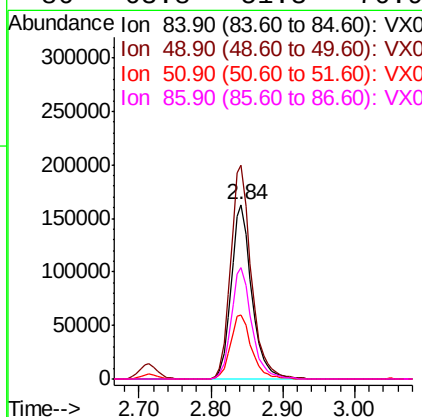
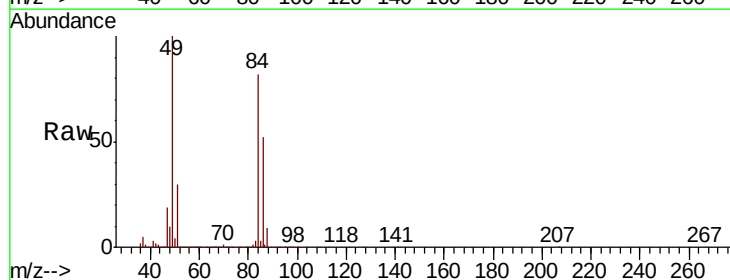
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

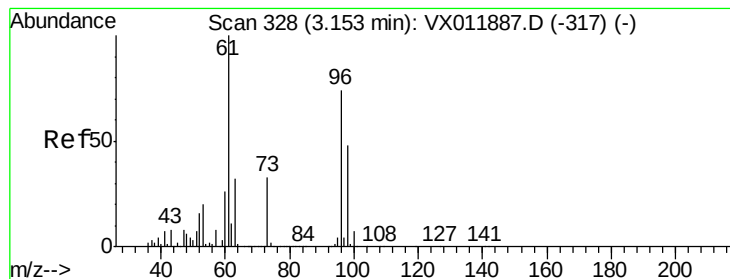
Tgt Ion: 73 Resp: 850206
Ion Ratio Lower Upper
73 100
57 21.3 17.4 26.0



#20
Methylene Chloride
Concen: 95.949 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.00 min
Lab File: VX011888.D
Acq: 29 Aug 2019 22:36

Tgt Ion: 84 Resp: 322564
Ion Ratio Lower Upper
84 100
49 122.5 103.0 154.4
51 37.0 30.8 46.2
86 63.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 100.947 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX011888.D

Acq: 29 Aug 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

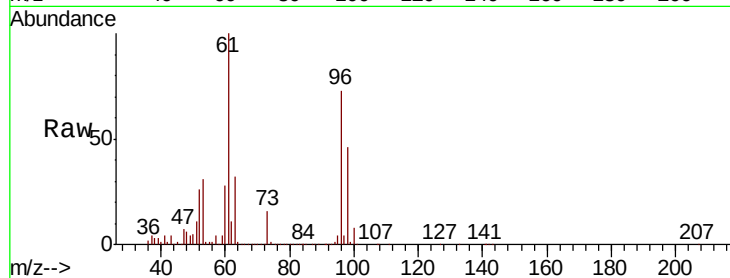
Tgt Ion: 96 Resp: 311985

Ion Ratio Lower Upper

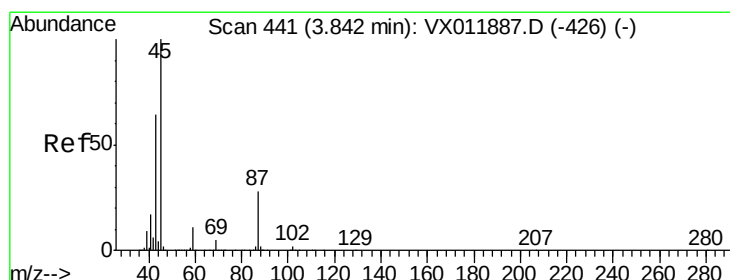
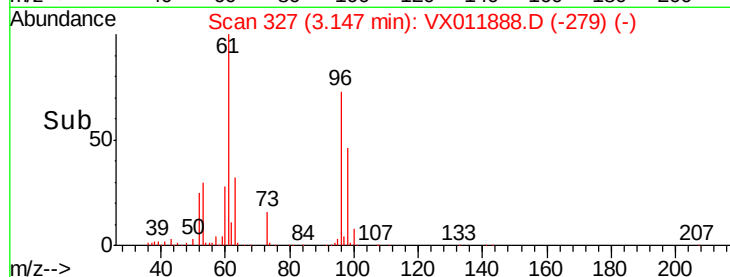
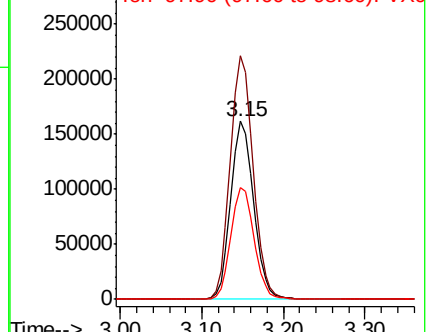
96 100

61 137.0 107.4 161.2

98 63.1 51.4 77.2



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: 102.326 ug/l

RT: 3.84 min Scan# 441

Delta R.T. 0.00 min

Lab File: VX011888.D

Acq: 29 Aug 2019 22:36

Tgt Ion: 45 Resp: 1007040

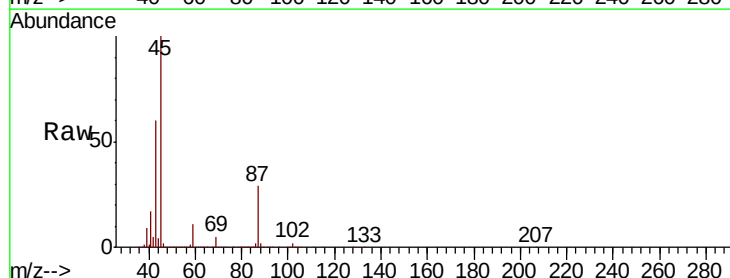
Ion Ratio Lower Upper

45 100

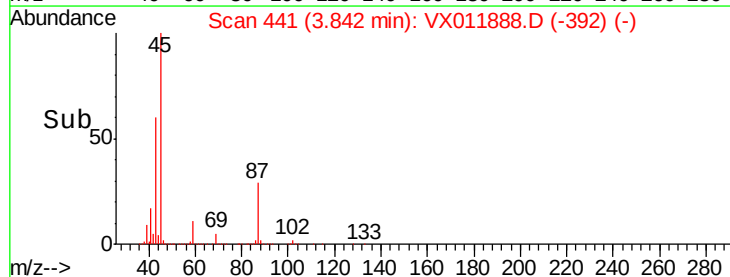
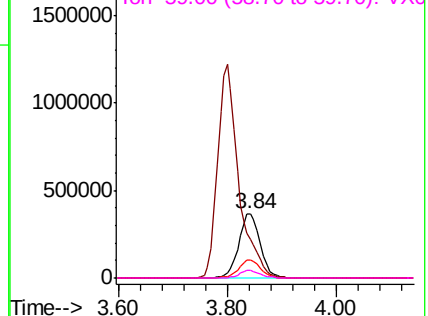
43 60.3 51.0 76.6

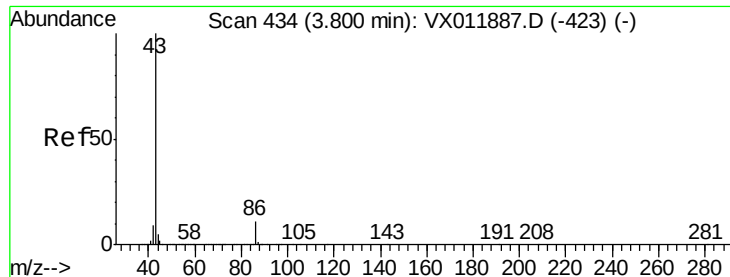
87 28.5 22.0 33.0

59 11.4 9.1 13.7



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

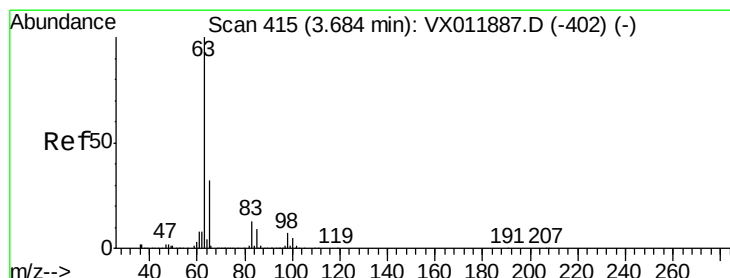
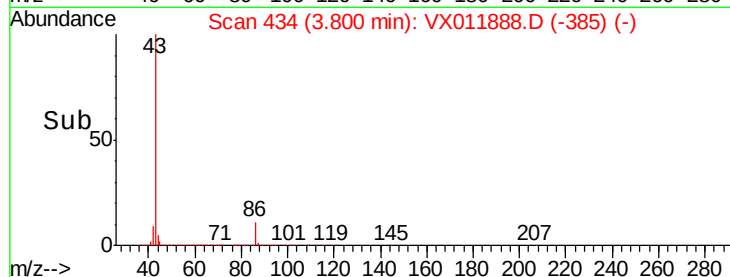
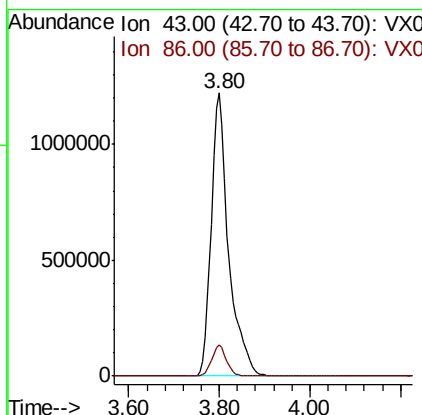
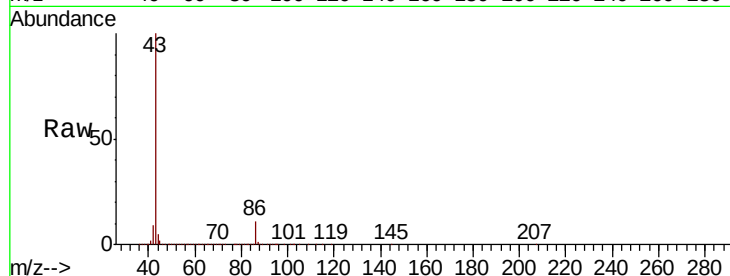




#23
 Vinyl Acetate
 Concen: 764.335 ug/l
 RT: 3.80 min Scan# 434
 Delta R.T. 0.00 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

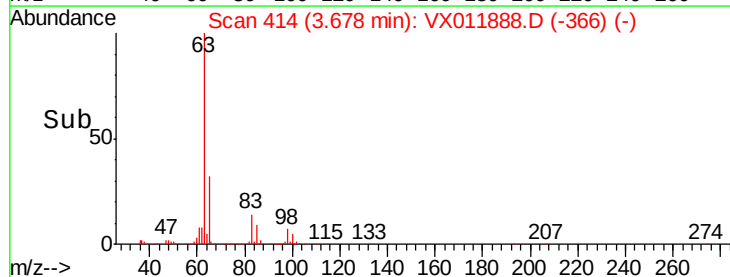
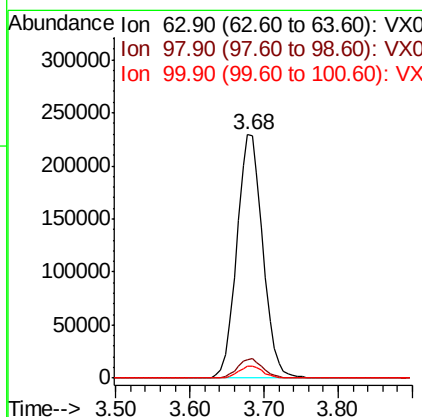
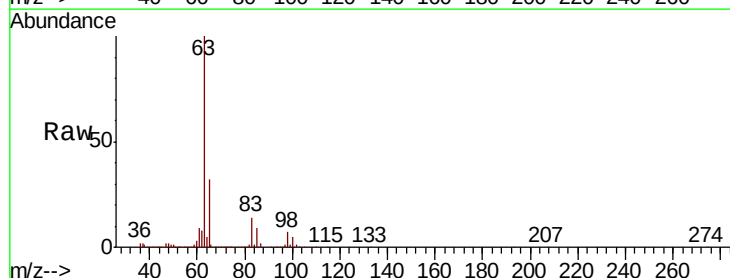
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

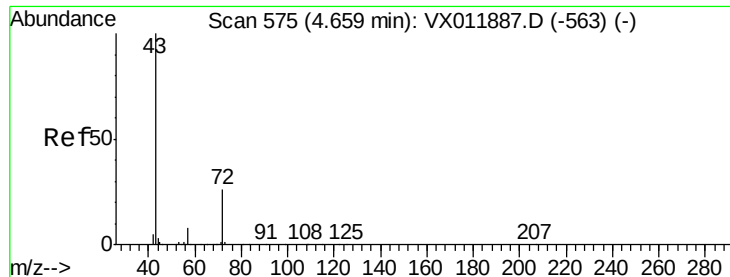
Tgt Ion: 43 Resp: 3284240
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 100.708 ug/l
 RT: 3.68 min Scan# 414
 Delta R.T. -0.01 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

Tgt Ion: 63 Resp: 560630
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.2
 100 4.8 2.4 7.2





#25

2-Butanone

Concen: 514.103 ug/l

RT: 4.65 min Scan# 574

Delta R.T. -0.01 min

Lab File: VX011888.D

Acq: 29 Aug 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

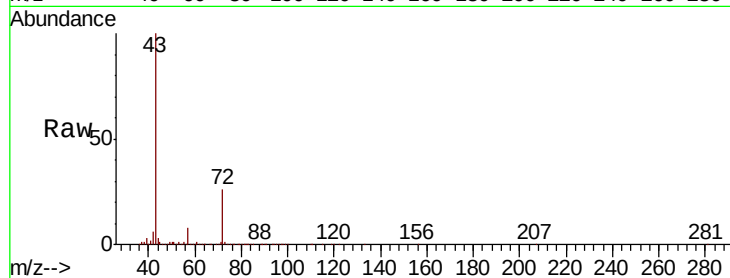
VSTDIC100

Tgt Ion: 43 Resp: 556211

Ion Ratio Lower Upper

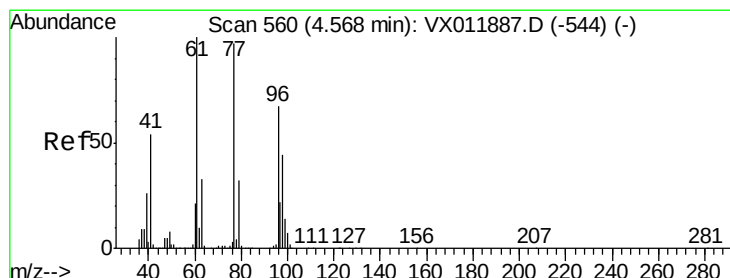
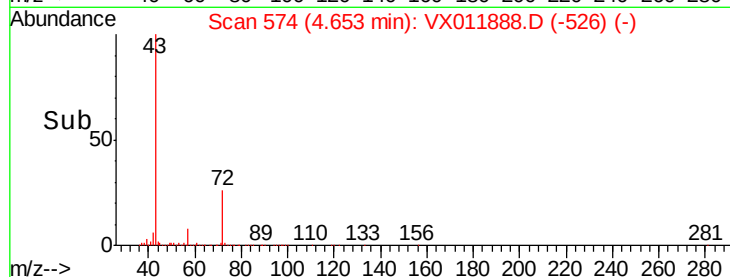
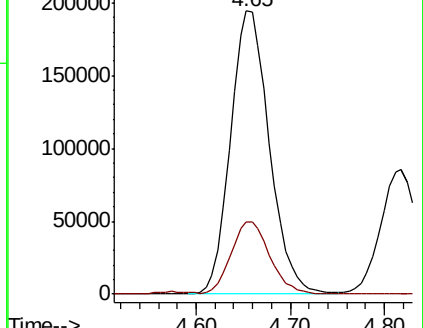
43 100

72 25.6 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 117.552 ug/l

RT: 4.56 min Scan# 559

Delta R.T. -0.01 min

Lab File: VX011888.D

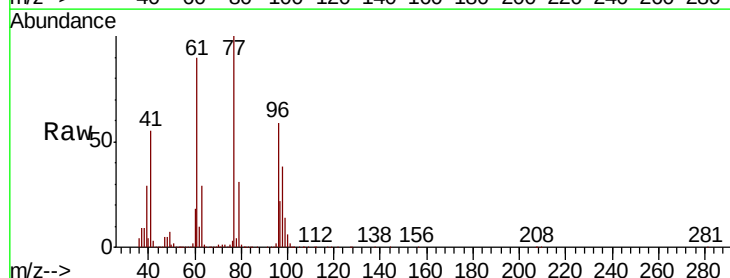
Acq: 29 Aug 2019 22:36

Tgt Ion: 77 Resp: 458556

Ion Ratio Lower Upper

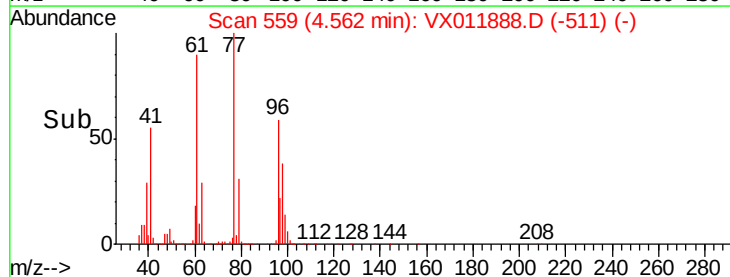
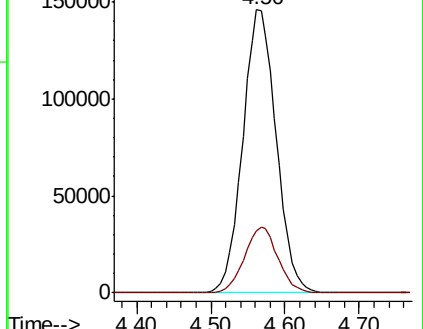
77 100

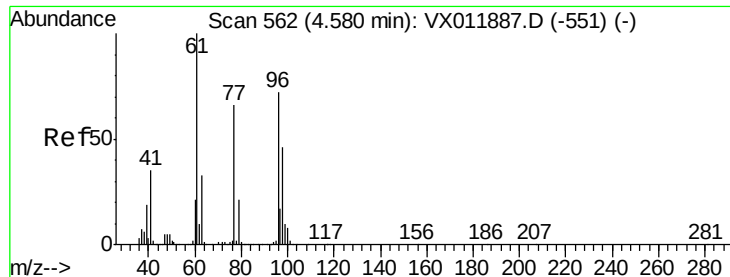
97 23.3 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



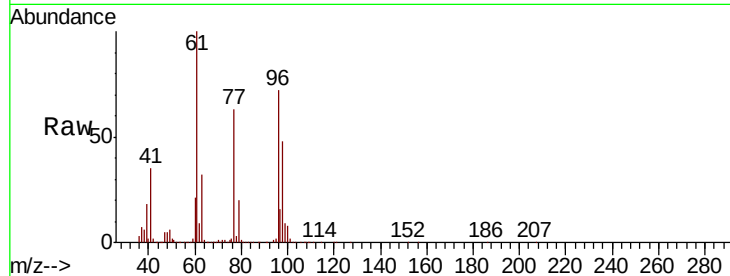


#27

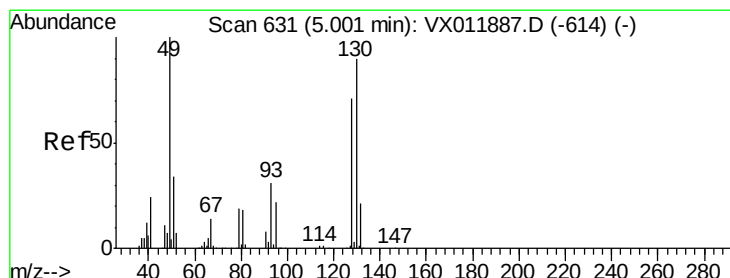
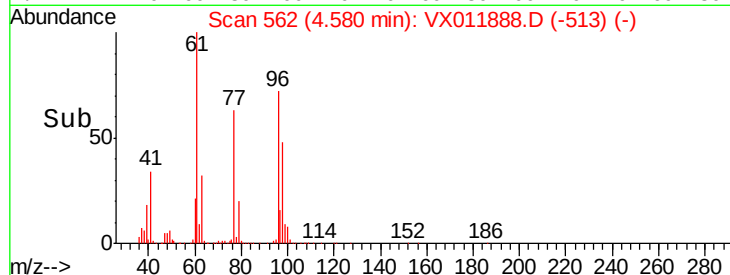
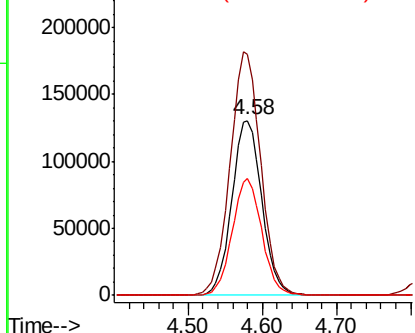
cis-1,2-Dichloroethene
 Concen: 100.809 ug/l
 RT: 4.58 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.5	0.0	283.8
98	66.0	0.0	131.2



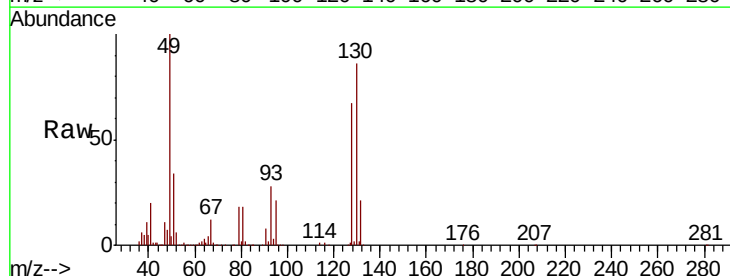
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



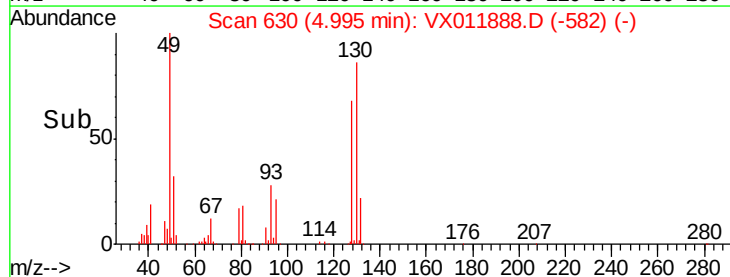
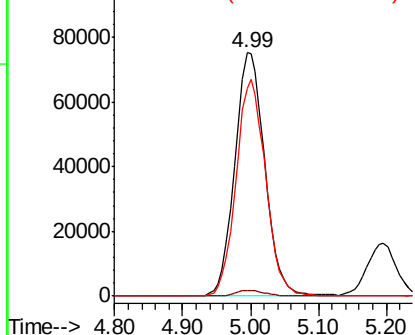
#28

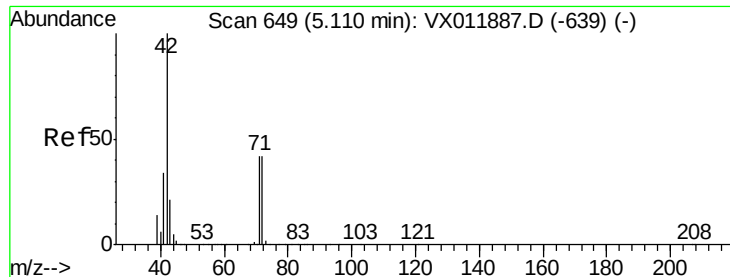
Bromochloromethane
 Concen: 92.989 ug/l
 RT: 4.99 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	87.6	70.6	105.8



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

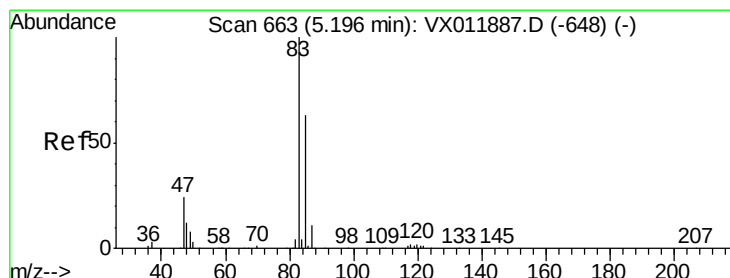
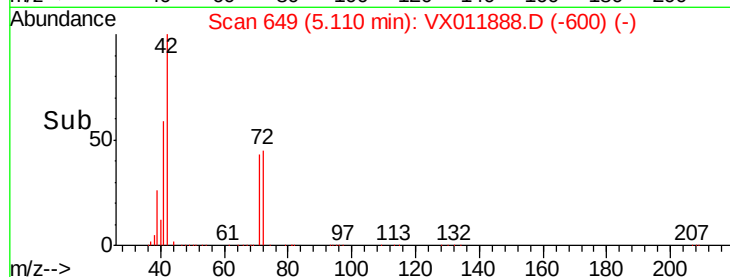
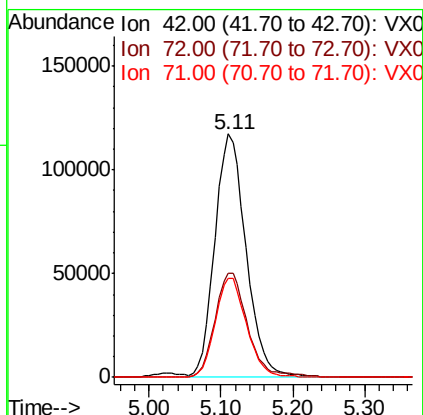
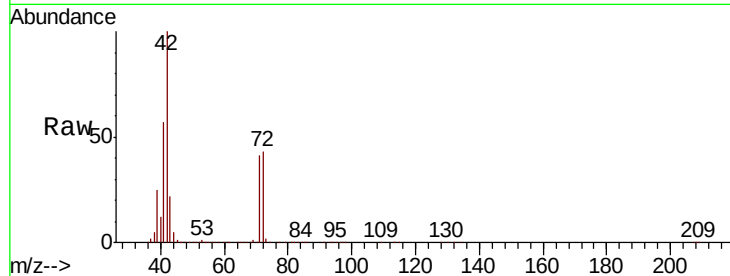




#29
Tetrahydrofuran
Concen: 522.032 ug/l
RT: 5.11 min Scan# 649
Delta R.T. 0.00 min
Lab File: VX011888.D
Acq: 29 Aug 2019 22:36

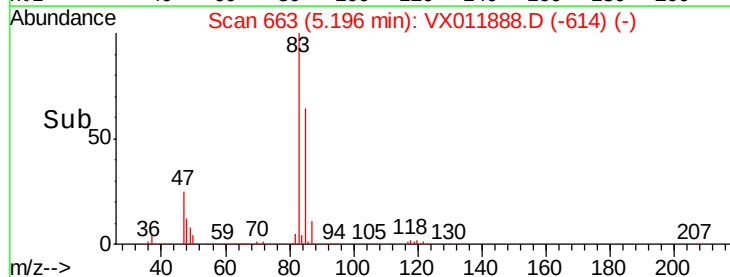
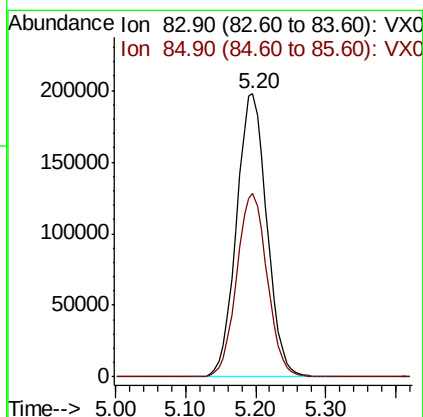
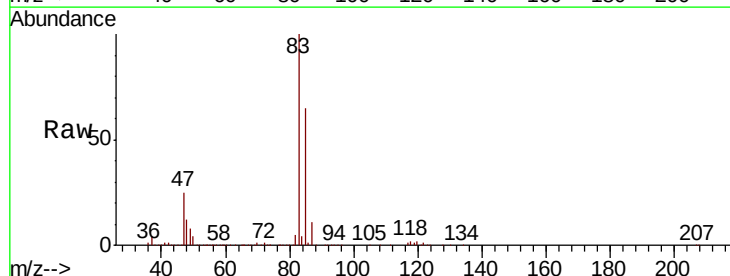
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

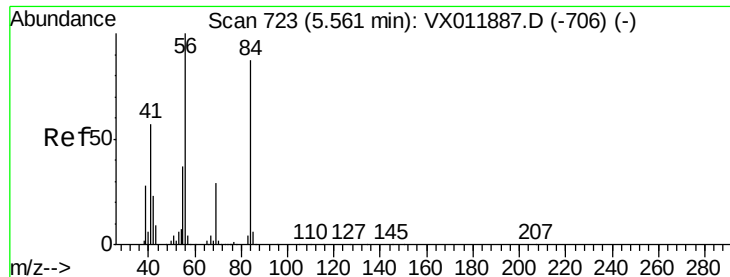
Tgt Ion: 42 Resp: 351683
Ion Ratio Lower Upper
42 100
72 45.0 36.2 54.4
71 41.2 33.1 49.7



#30
Chloroform
Concen: 99.116 ug/l
RT: 5.20 min Scan# 663
Delta R.T. 0.00 min
Lab File: VX011888.D
Acq: 29 Aug 2019 22:36

Tgt Ion: 83 Resp: 594794
Ion Ratio Lower Upper
83 100
85 65.0 50.6 75.8

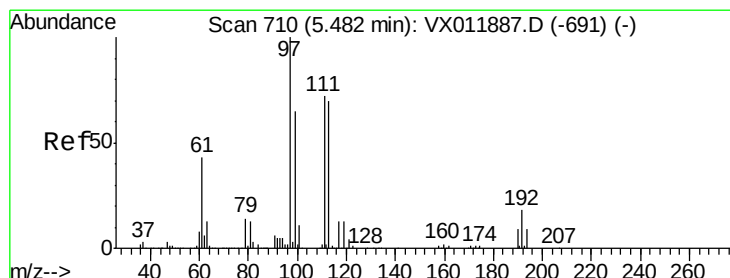
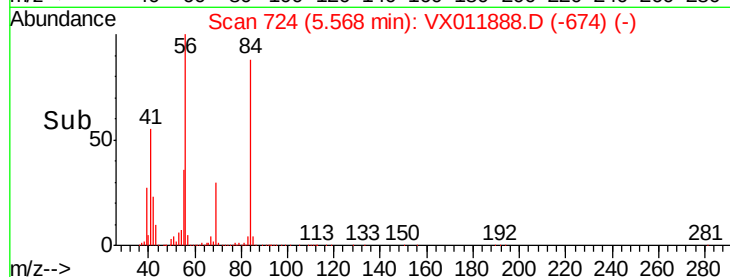
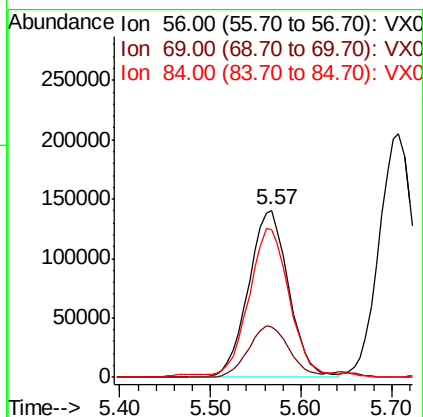
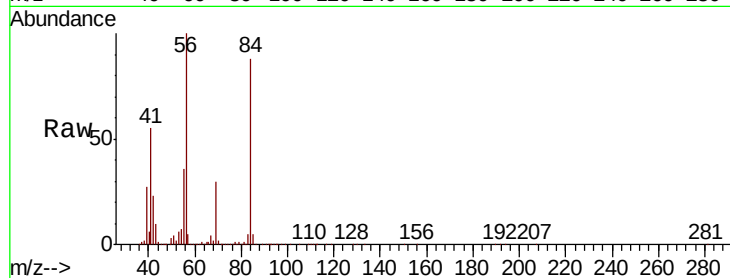




#31
Cyclohexane
Concen: 94.818 ug/l
RT: 5.57 min Scan# 724
Delta R.T. 0.01 min
Lab File: VX011888.D
Acq: 29 Aug 2019 22:36

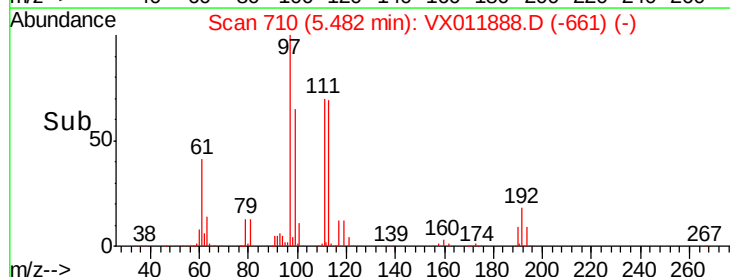
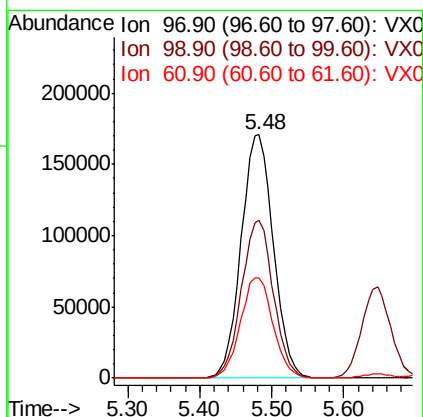
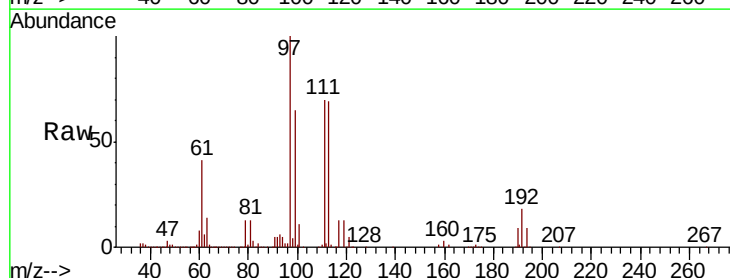
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

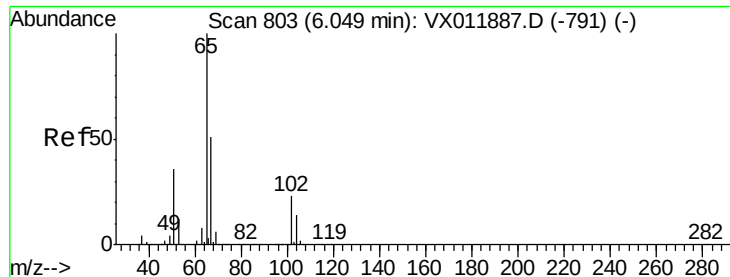
Tgt Ion: 56 Resp: 429959
Ion Ratio Lower Upper
56 100
69 30.2 23.1 34.7
84 86.3 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 104.987 ug/l
RT: 5.48 min Scan# 710
Delta R.T. 0.00 min
Lab File: VX011888.D
Acq: 29 Aug 2019 22:36

Tgt Ion: 97 Resp: 531611
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.8
61 41.7 33.8 50.6

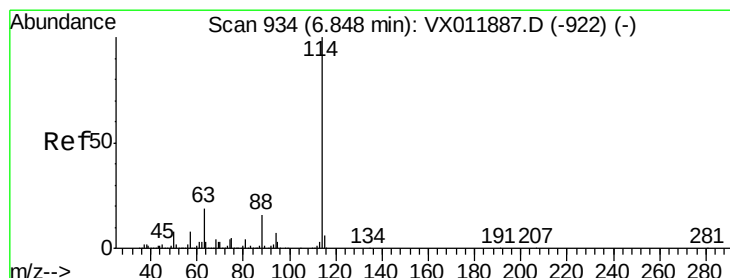
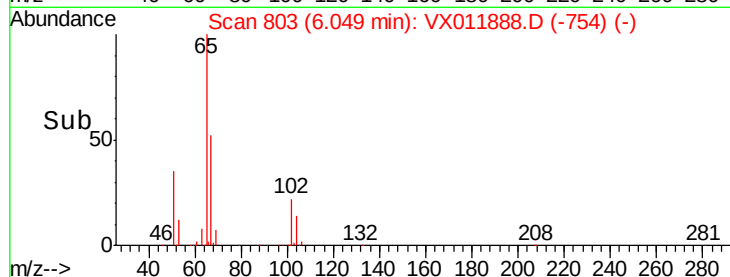
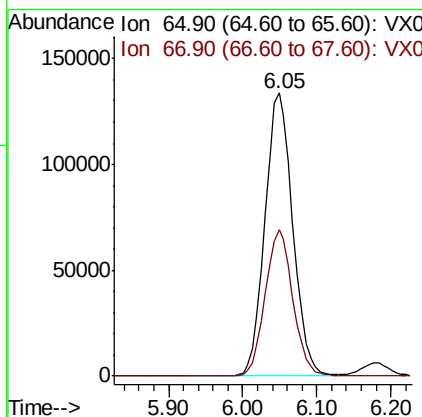
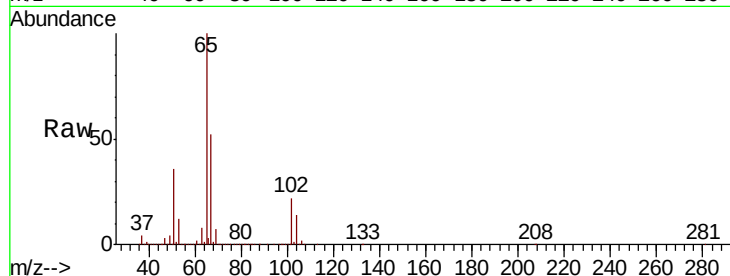




#33
 1,2-Dichloroethane-d4
 Concen: 100.103 ug/l
 RT: 6.05 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

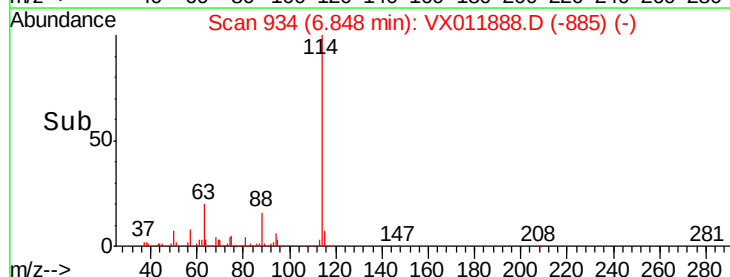
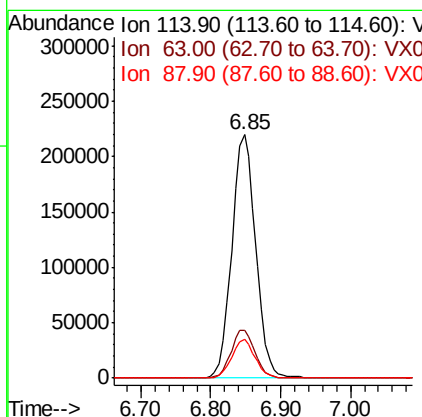
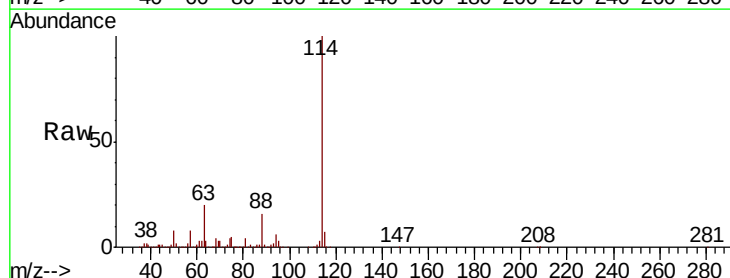
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

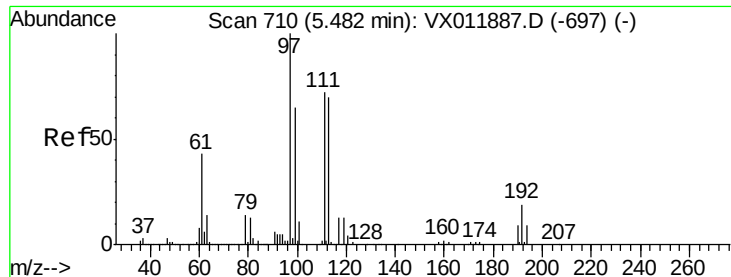
Tgt Ion: 65 Resp: 348628
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

Tgt Ion: 114 Resp: 521013
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.8
 88 15.9 0.0 31.2

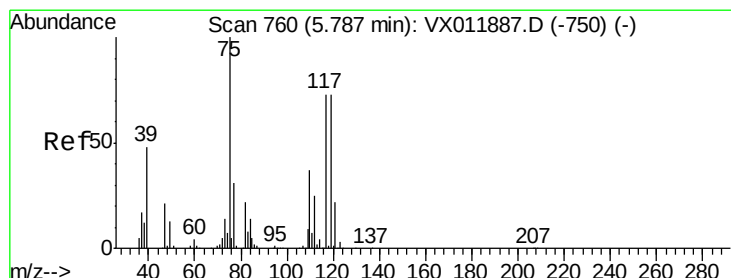
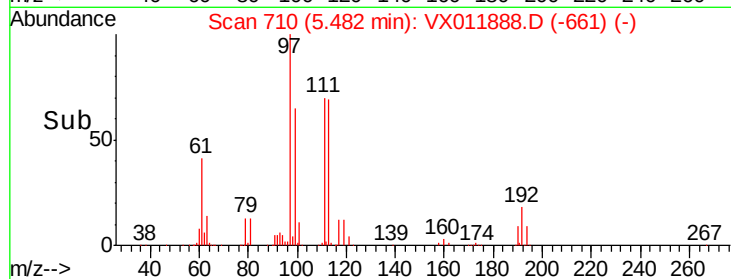
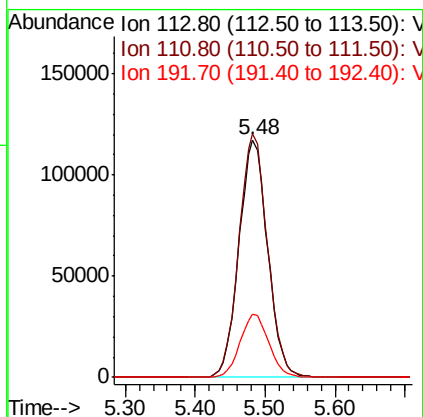
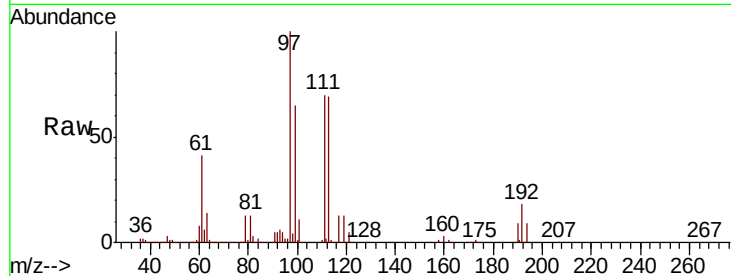




#35
 Dibromofluoromethane
 Concen: 103.186 ug/l
 RT: 5.48 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

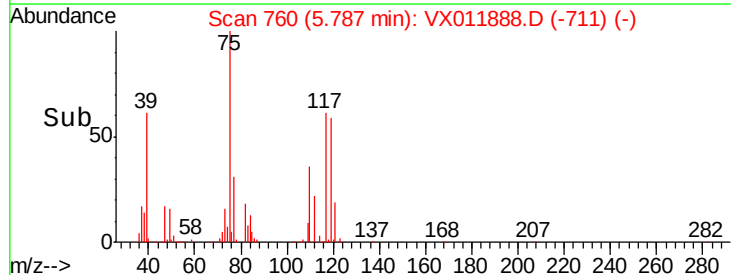
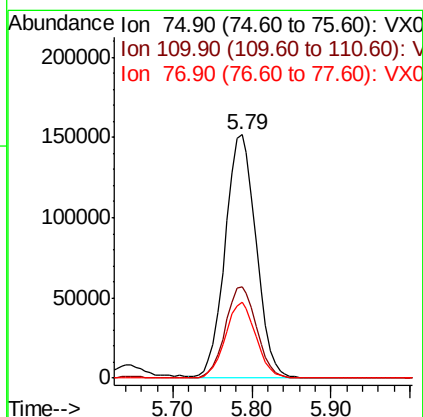
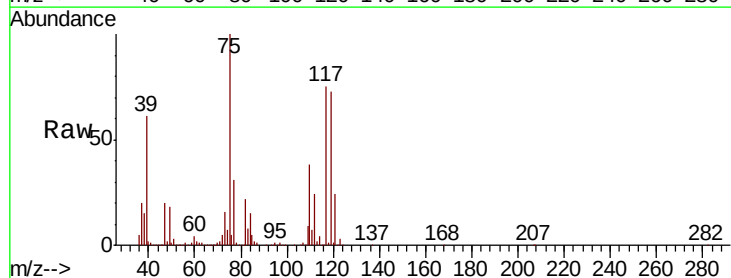
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

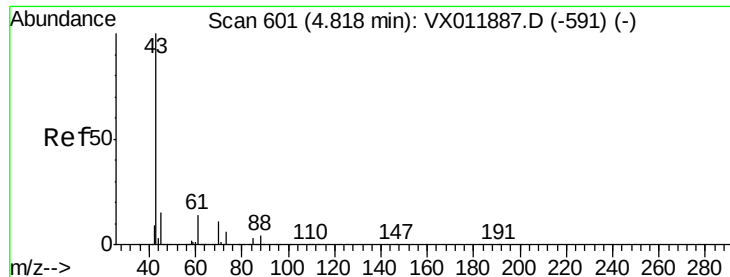
Tgt Ion: 113 Resp: 333604
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.1 123.1
 192 26.7 21.5 32.3



#36
 1,1-Dichloropropene
 Concen: 100.795 ug/l
 RT: 5.79 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

Tgt Ion: 75 Resp: 414226
 Ion Ratio Lower Upper
 75 100
 110 37.7 19.1 57.3
 77 30.7 24.4 36.6

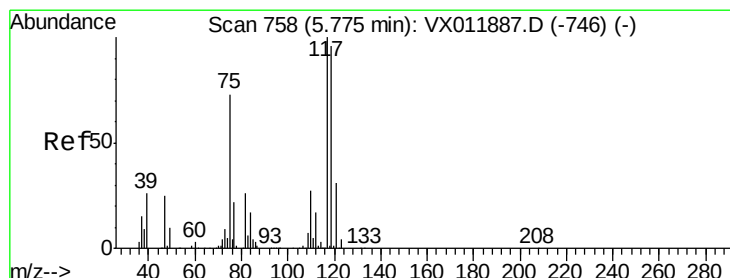
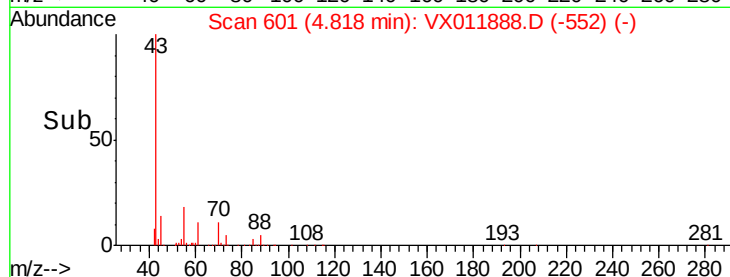
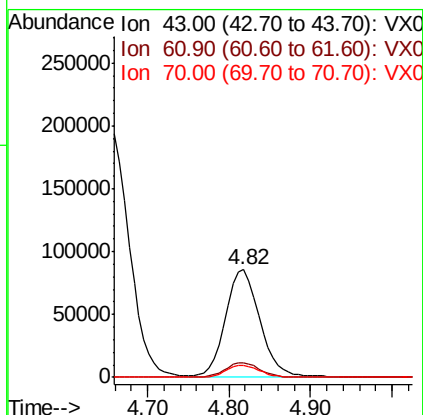
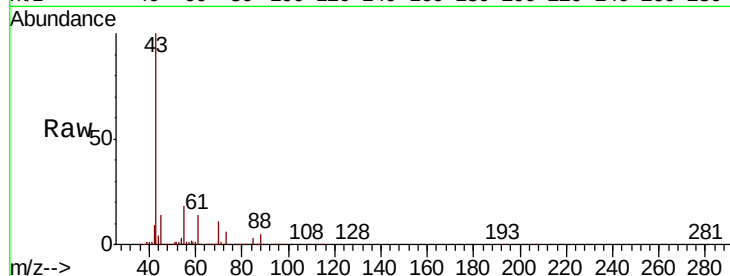




#37
Ethyl Acetate
Concen: 127.444 ug/l
RT: 4.82 min Scan# 601
Delta R.T. 0.00 min
Lab File: VX011888.D
Acq: 29 Aug 2019 22:36

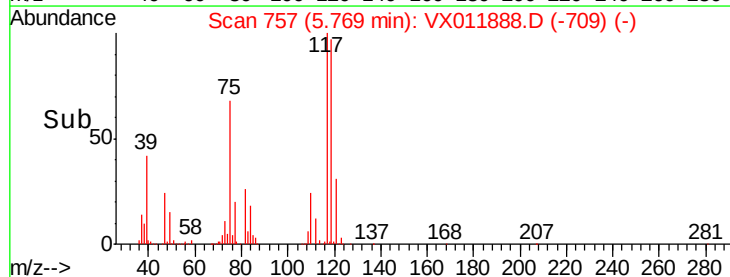
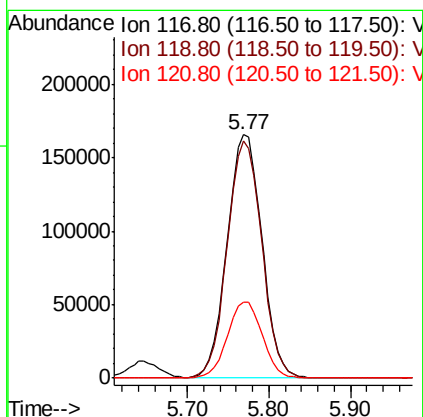
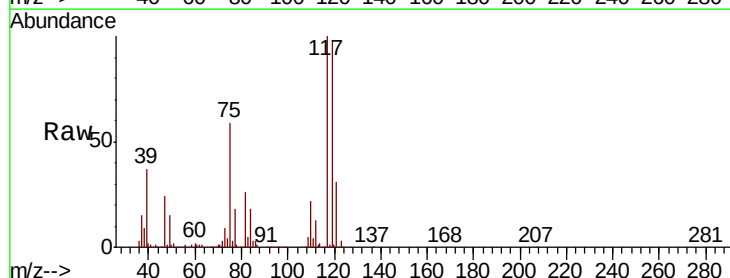
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

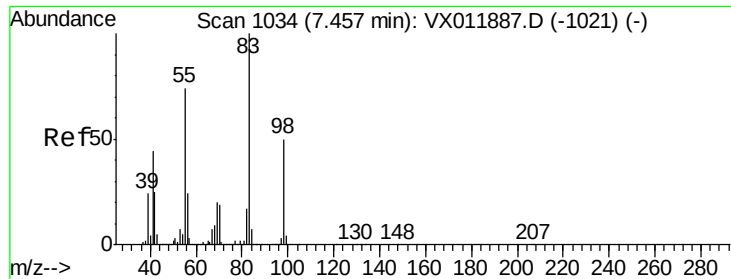
Tgt Ion: 43 Resp: 246816
Ion Ratio Lower Upper
43 100
61 13.5 11.0 16.4
70 11.3 9.2 13.8



#38
Carbon Tetrachloride
Concen: 121.838 ug/l
RT: 5.77 min Scan# 757
Delta R.T. -0.01 min
Lab File: VX011888.D
Acq: 29 Aug 2019 22:36

Tgt Ion: 117 Resp: 487938
Ion Ratio Lower Upper
117 100
119 97.5 76.6 114.8
121 31.4 24.7 37.1

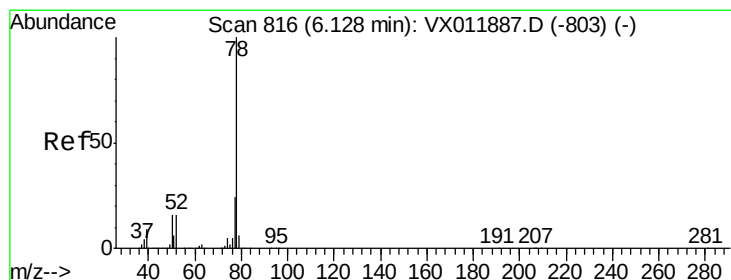
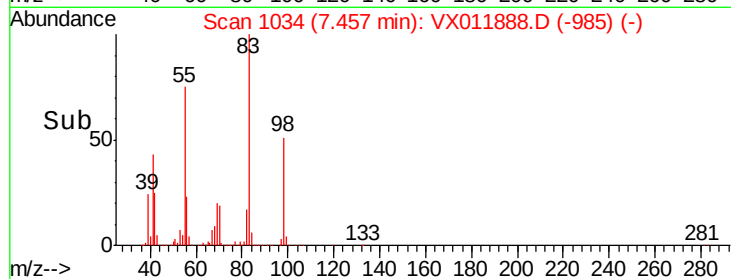
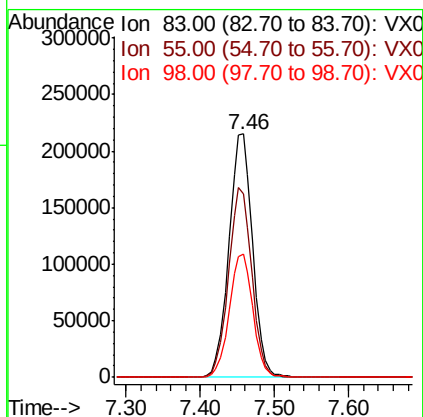
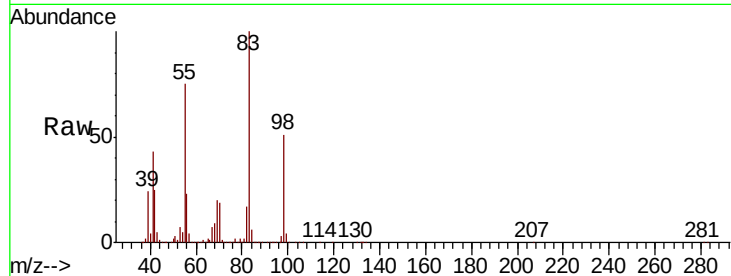




#39
Methylcyclohexane
Concen: 97.067 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011888.D
Acq: 29 Aug 2019 22:36

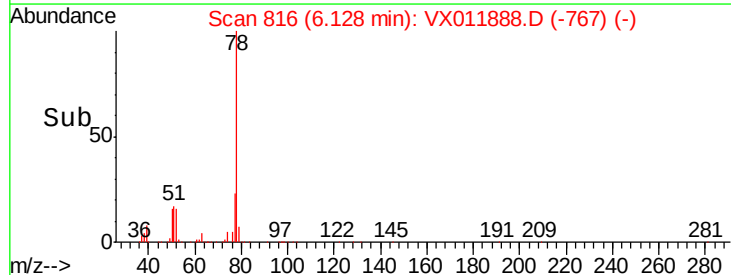
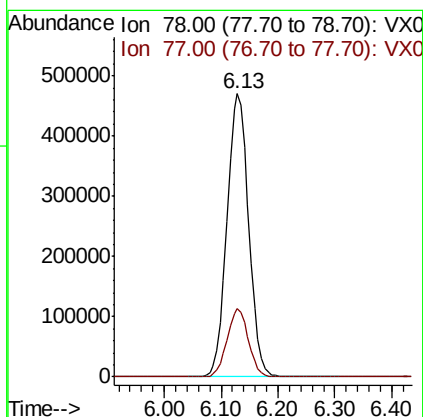
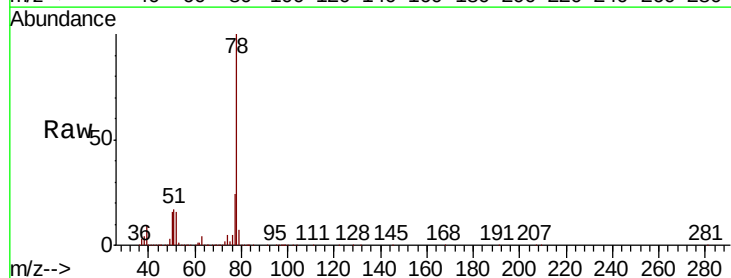
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

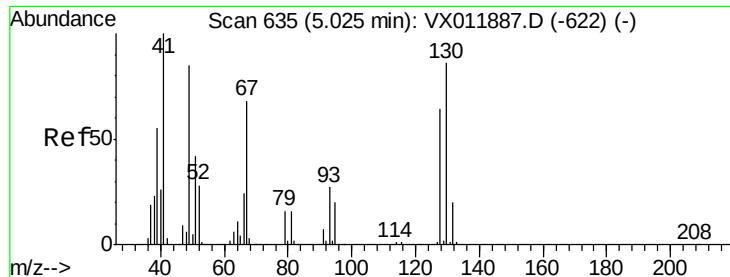
Tgt Ion: 83 Resp: 476935
Ion Ratio Lower Upper
83 100
55 75.4 59.4 89.0
98 50.6 40.3 60.5



#40
Benzene
Concen: 101.592 ug/l
RT: 6.13 min Scan# 816
Delta R.T. 0.00 min
Lab File: VX011888.D
Acq: 29 Aug 2019 22:36

Tgt Ion: 78 Resp: 1247694
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6

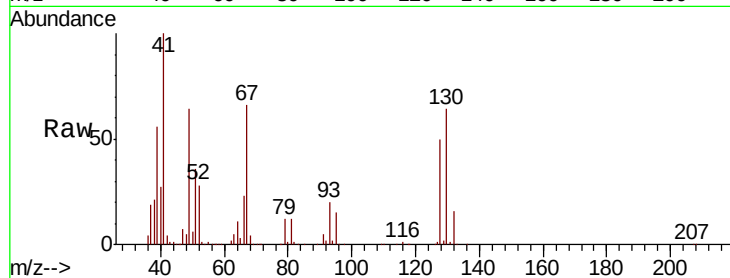




#41
Methacrylonitrile
Concen: 110.789 ug/l
RT: 5.02 min Scan# 635
Delta R.T. 0.00 min
Lab File: VX011888.D
Acq: 29 Aug 2019 22:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:	41	Resp:	146123
Ion	Ratio	Lower	Upper
41	100		
39	55.2	45.0	67.6
67	68.6	55.0	82.4
52	29.1	24.1	36.1



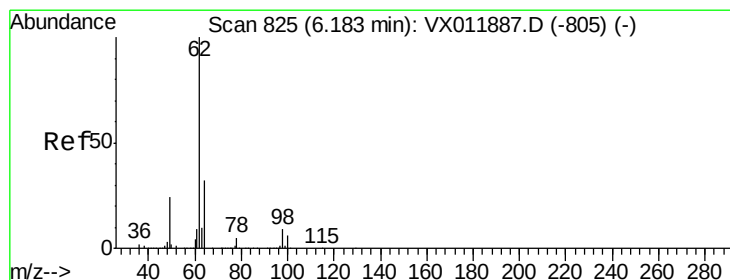
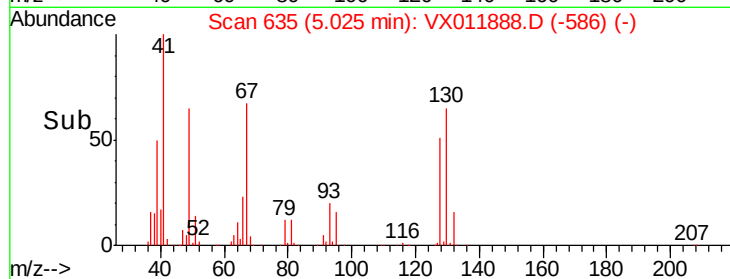
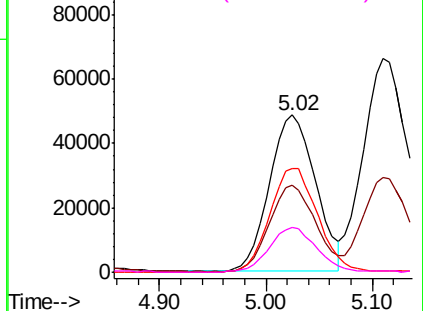
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

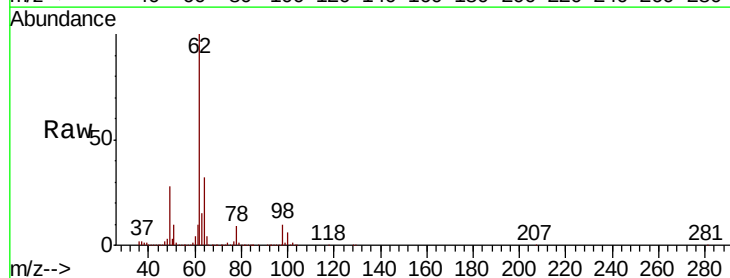
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 103.584 ug/l
RT: 6.18 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX011888.D
Acq: 29 Aug 2019 22:36

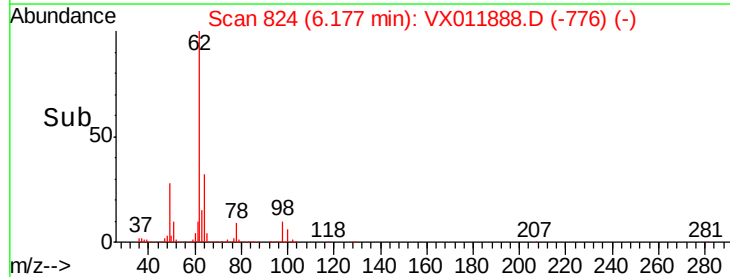
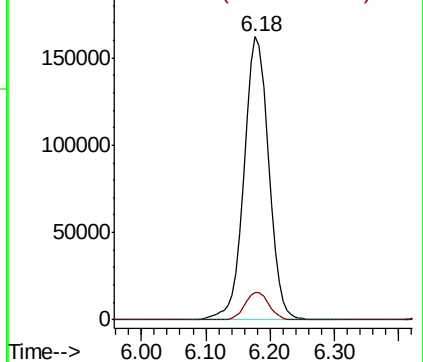
Tgt Ion:	62	Resp:	424493
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.2

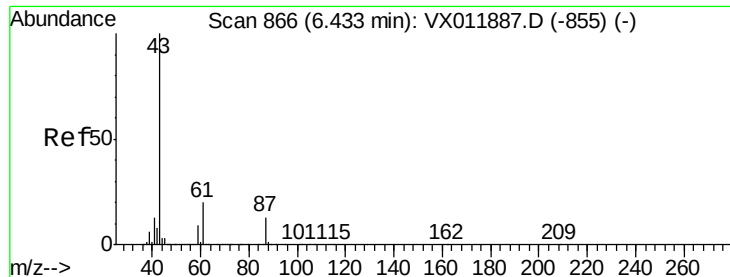


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 130.257 ug/l

RT: 6.43 min Scan# 866

Delta R.T. 0.00 min

Lab File: VX011888.D

Acq: 29 Aug 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

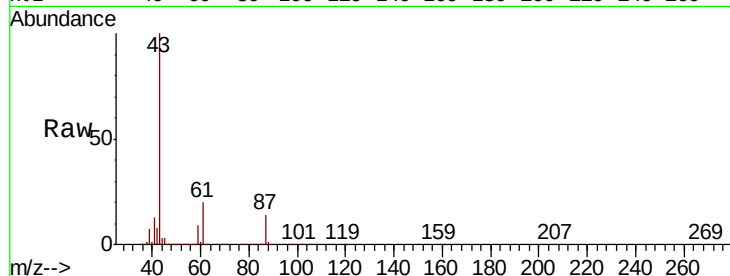
Tgt Ion: 43 Resp: 502693

Ion Ratio Lower Upper

43 100

61 20.0 16.1 24.1

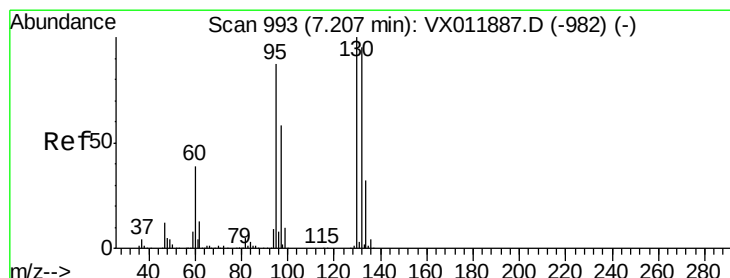
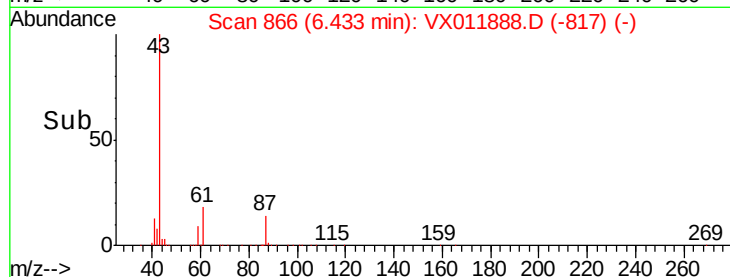
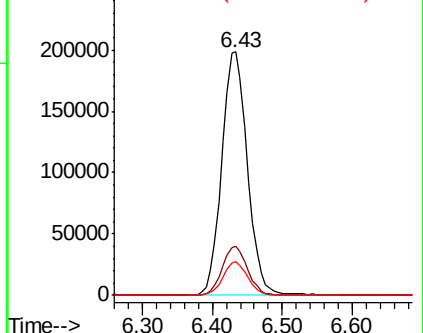
87 13.4 10.6 16.0



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: 91.510 ug/l

RT: 7.20 min Scan# 992

Delta R.T. -0.01 min

Lab File: VX011888.D

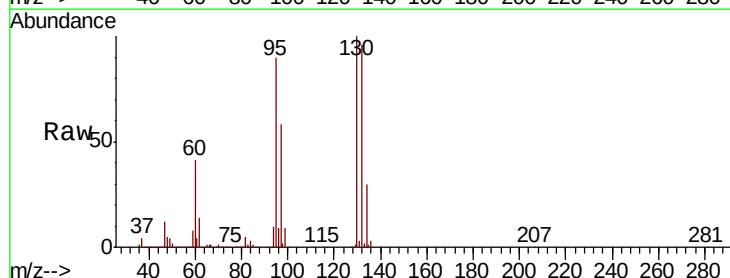
Acq: 29 Aug 2019 22:36

Tgt Ion: 130 Resp: 388083

Ion Ratio Lower Upper

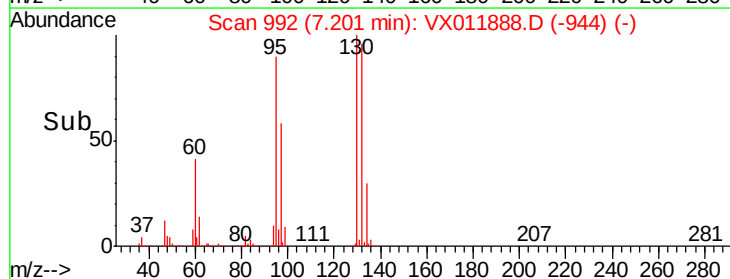
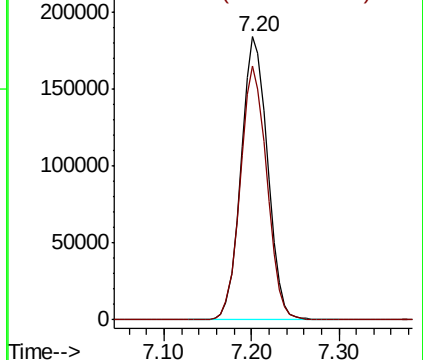
130 100

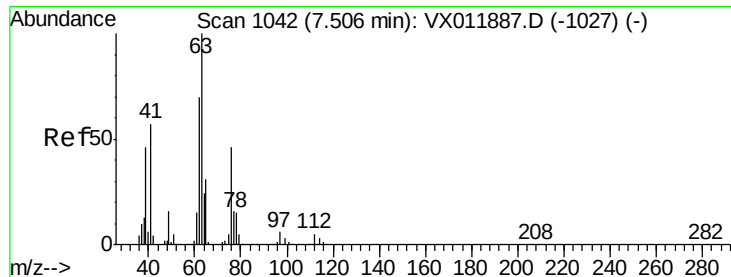
95 89.6 0.0 174.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

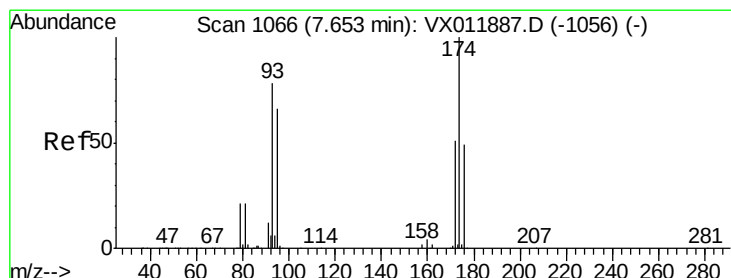
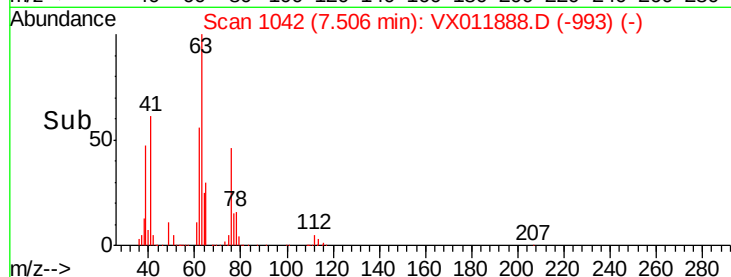
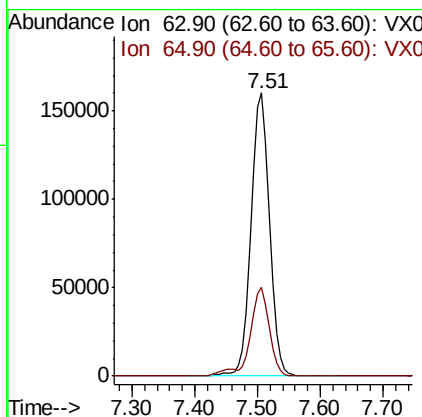
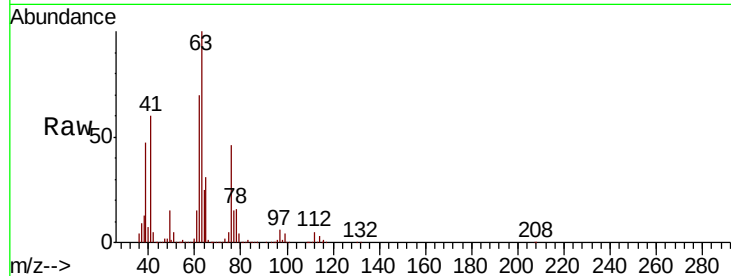




#45
 1,2-Dichloropropane
 Concen: 104.574 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

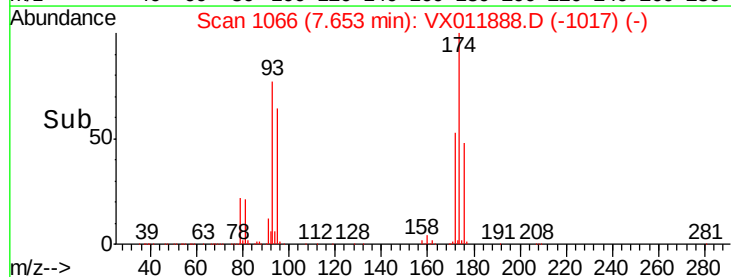
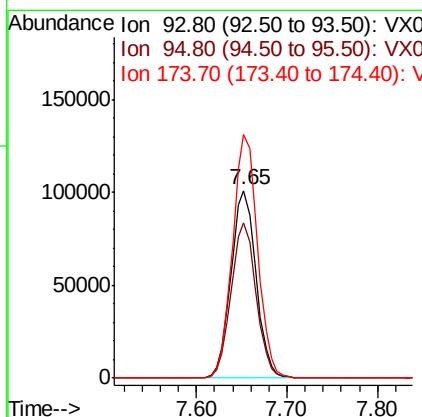
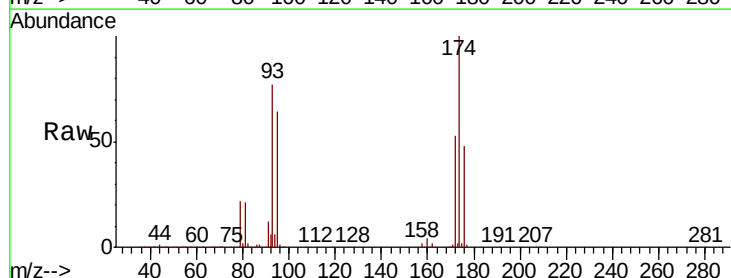
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

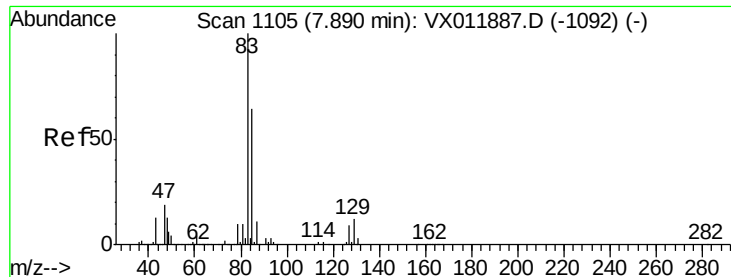
Tgt Ion: 63 Resp: 326977
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.1 37.7



#46
 Dibromomethane
 Concen: 103.907 ug/l
 RT: 7.65 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

Tgt Ion: 93 Resp: 194404
 Ion Ratio Lower Upper
 93 100
 95 82.1 65.7 98.5
 174 129.5 104.2 156.4





#47

Bromodichloromethane

Concen: 111.542 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VX011888.D

Acq: 29 Aug 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

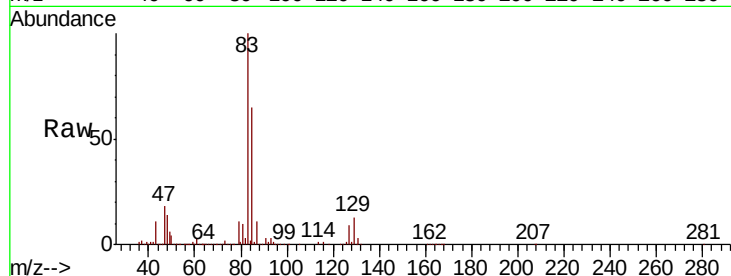
Tgt Ion: 83 Resp: 483614

Ion Ratio Lower Upper

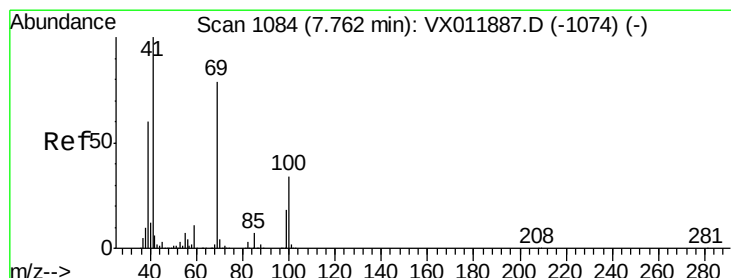
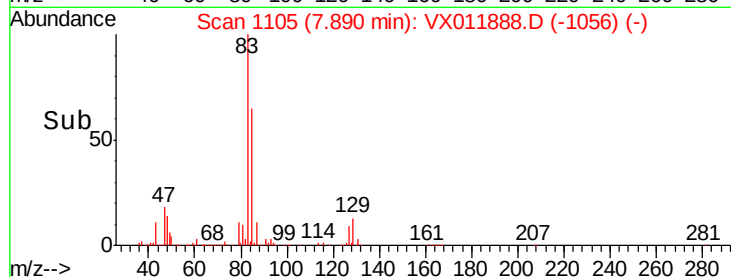
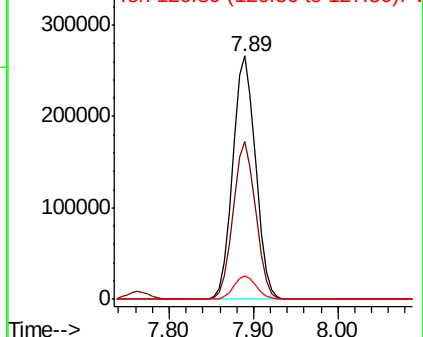
83 100

85 64.6 51.1 76.7

127 9.5 7.4 11.2



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: 128.842 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX011888.D

Acq: 29 Aug 2019 22:36

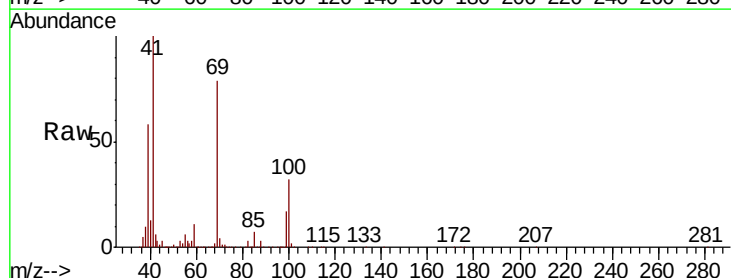
Tgt Ion: 41 Resp: 244611

Ion Ratio Lower Upper

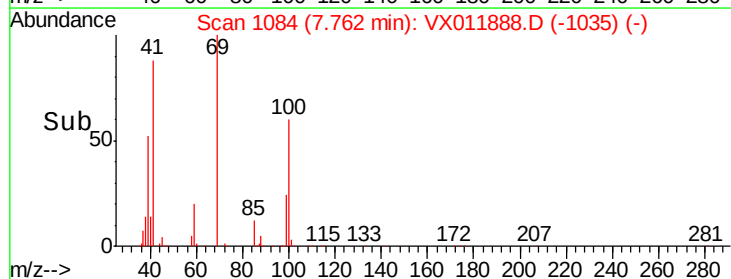
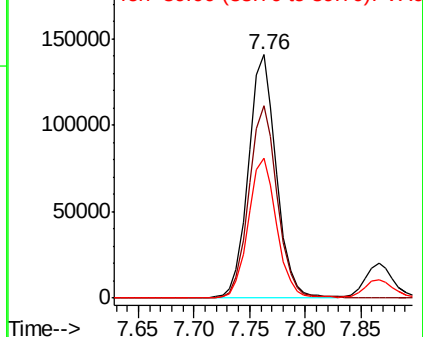
41 100

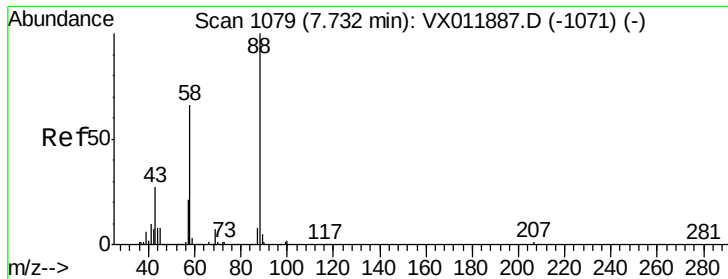
69 80.6 64.4 96.6

39 58.4 47.2 70.8



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

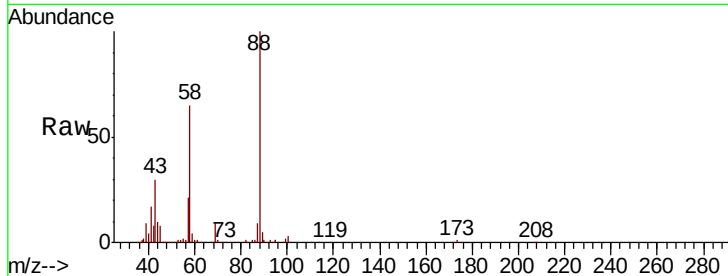




#49
 1,4-Dioxane
 Concen: 2319.849 ug/l
 RT: 7.73 min Scan# 1079
 Delta R.T. 0.00 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.9	27.3	40.9
58	68.8	53.9	80.9

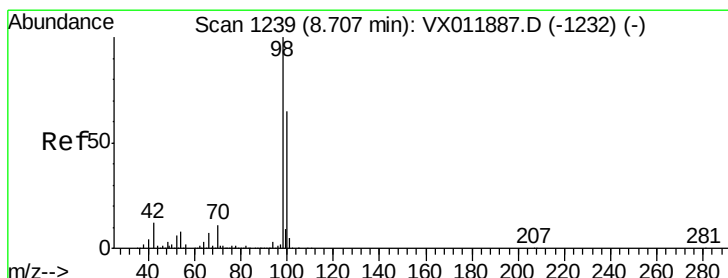
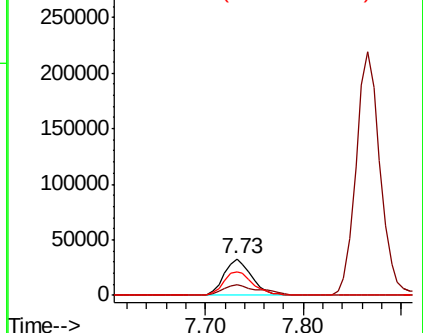
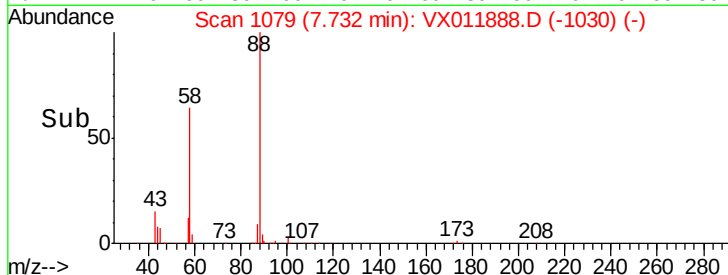


Abundance

Ion 88.00 (87.70 to 88.70): VX0

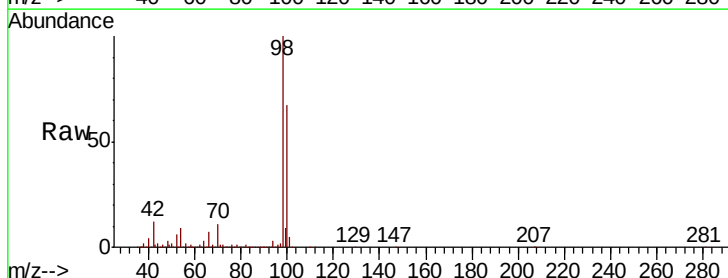
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
 Toluene-d8
 Concen: 101.150 ug/l
 RT: 8.71 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

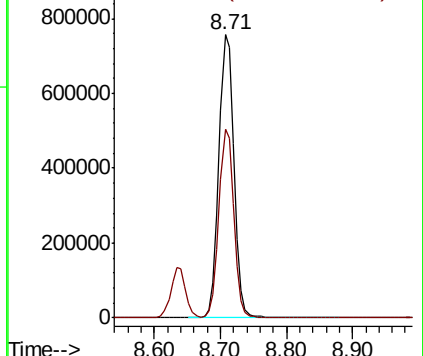
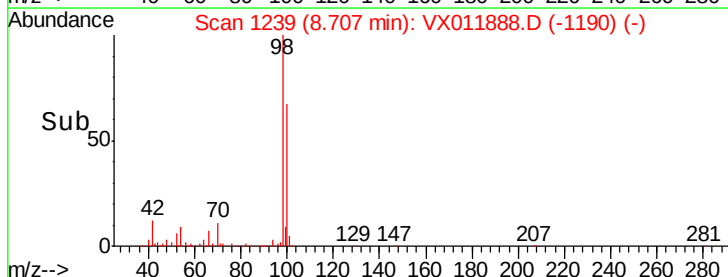
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.6

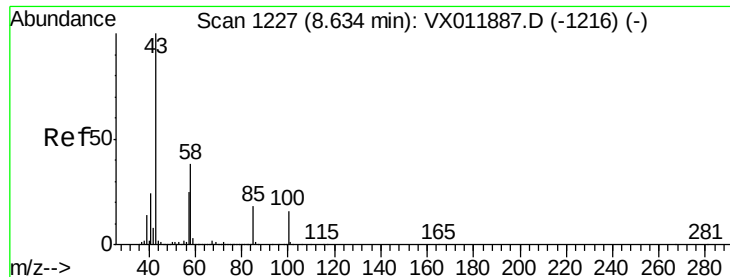


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

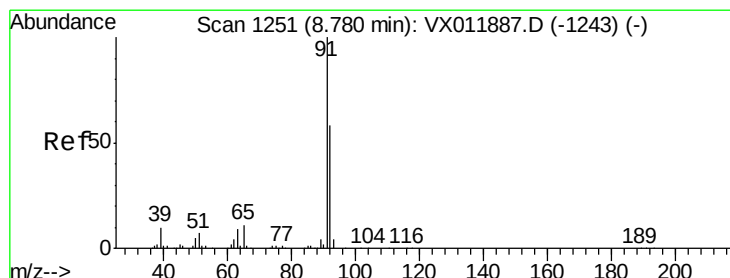
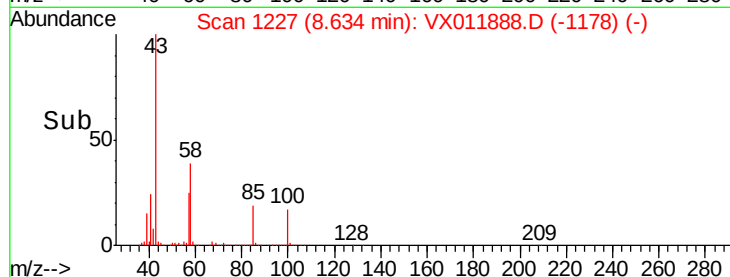
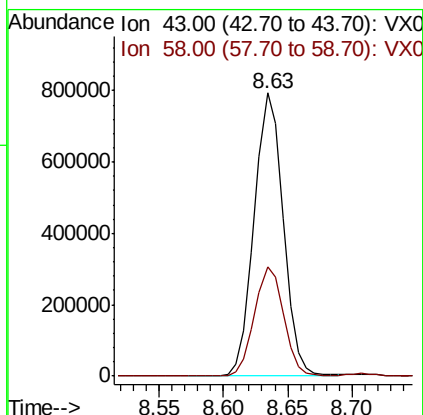
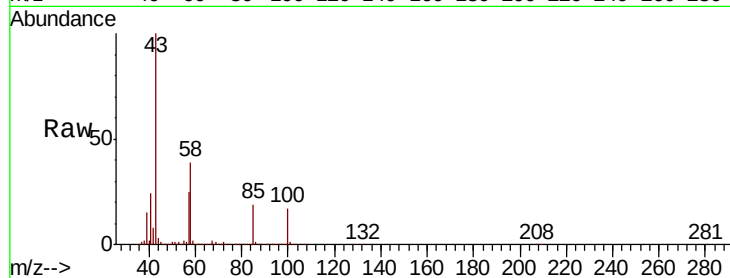




#51
 4-Methyl-2-Pentanone
 Concen: 603.223 ug/l
 RT: 8.63 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

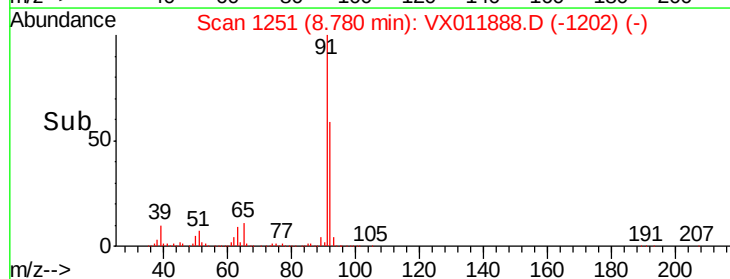
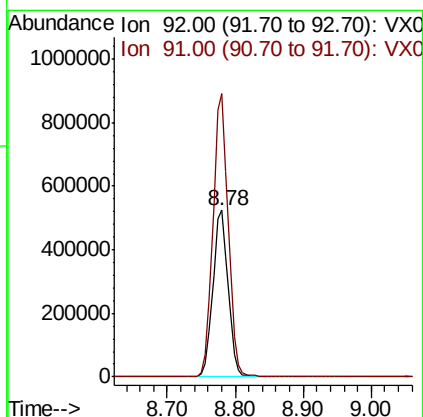
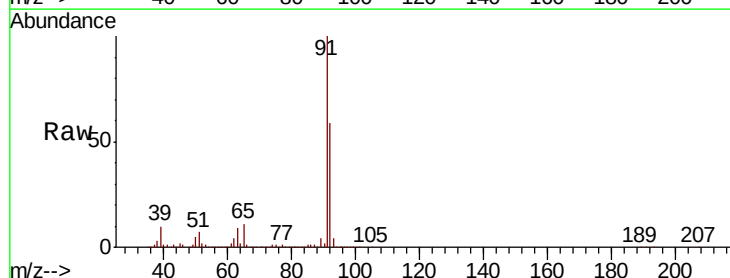
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

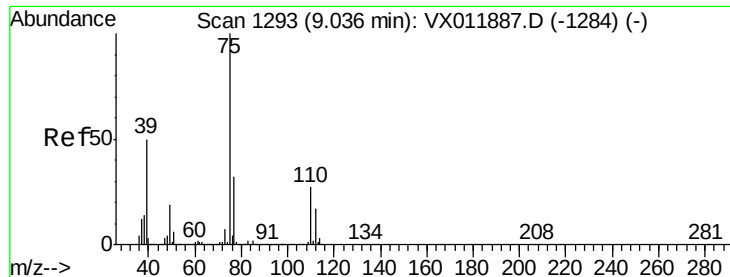
Tgt Ion: 43 Resp: 1239046
 Ion Ratio Lower Upper
 43 100
 58 38.8 30.9 46.3



#52
 Toluene
 Concen: 101.641 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

Tgt Ion: 92 Resp: 818223
 Ion Ratio Lower Upper
 92 100
 91 169.6 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 147.577 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011888.D

Acq: 29 Aug 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

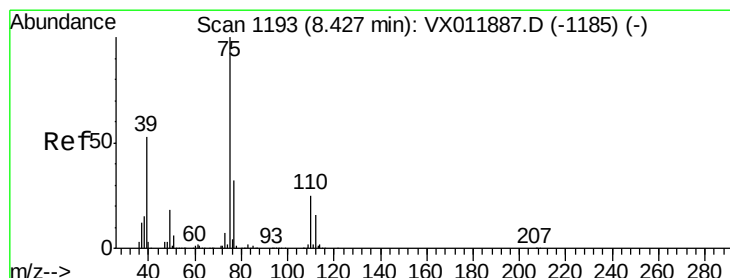
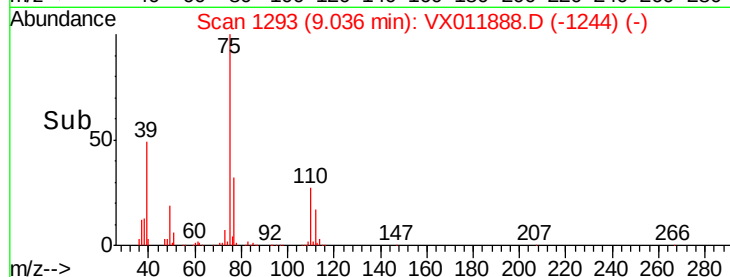
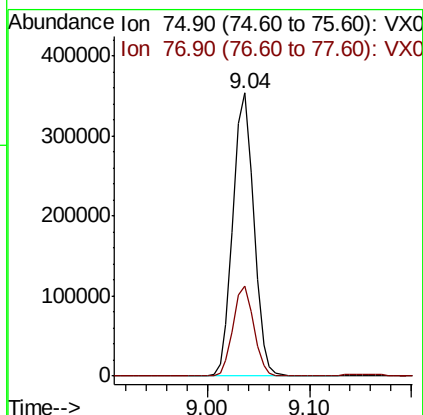
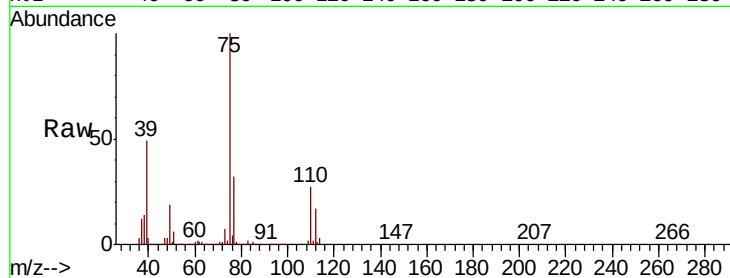
VSTDIC100

Tgt Ion: 75 Resp: 499566

Ion Ratio Lower Upper

75 100

77 31.7 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 128.176 ug/l

RT: 8.43 min Scan# 1193

Delta R.T. 0.00 min

Lab File: VX011888.D

Acq: 29 Aug 2019 22:36

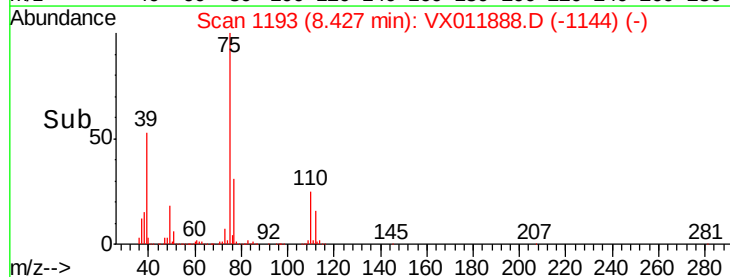
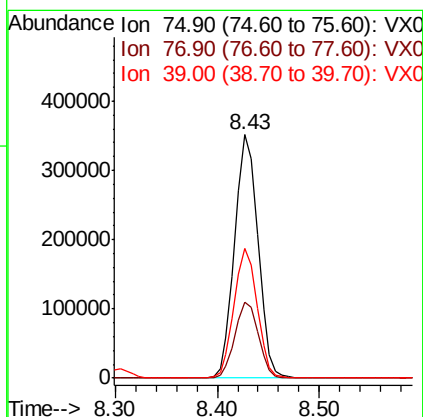
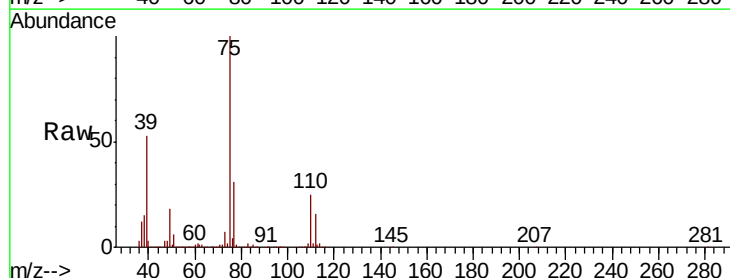
Tgt Ion: 75 Resp: 555658

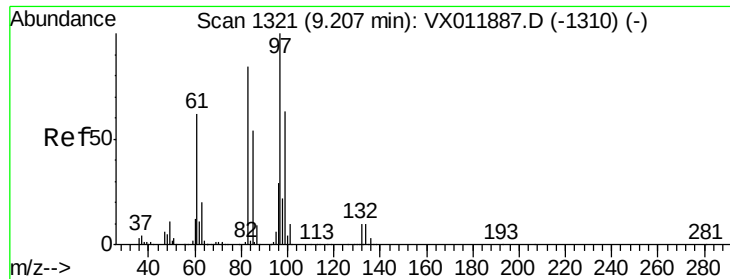
Ion Ratio Lower Upper

75 100

77 31.1 25.5 38.3

39 53.4 42.6 64.0

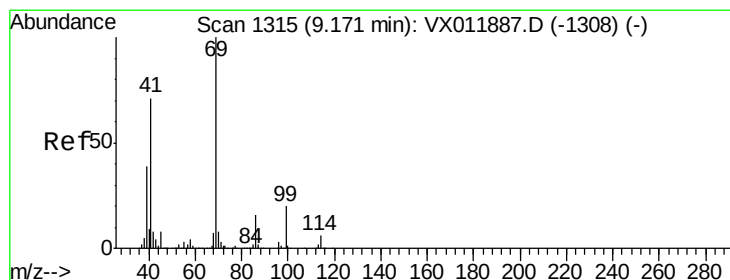
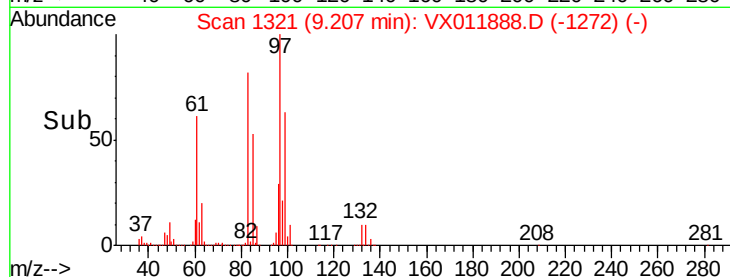
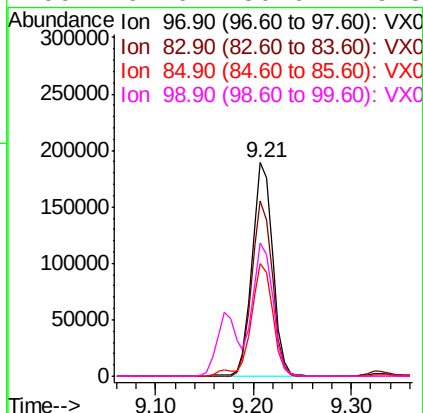
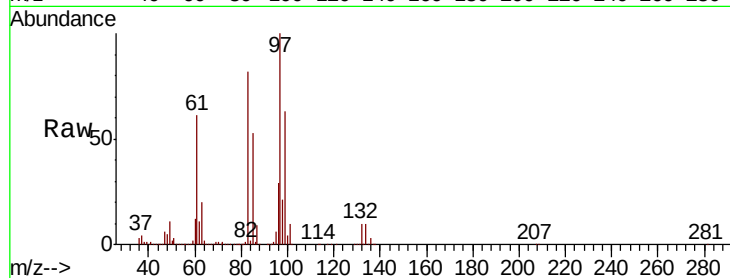




#55
 1,1,2-Trichloroethane
 Concen: 109.362 ug/l
 RT: 9.21 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

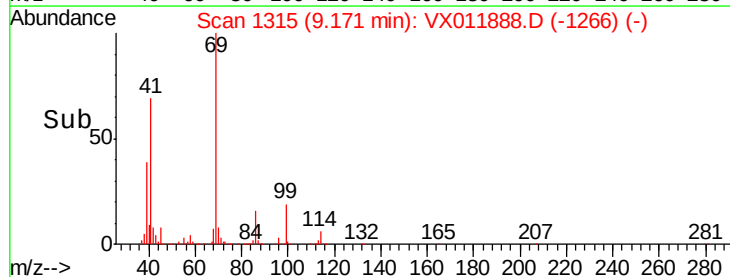
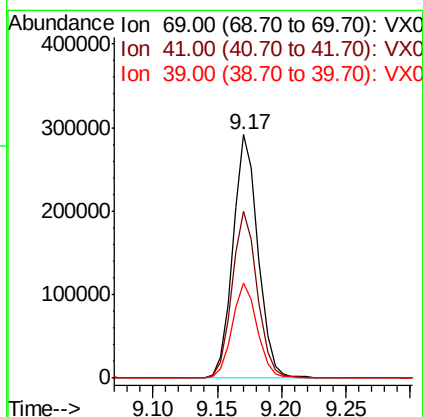
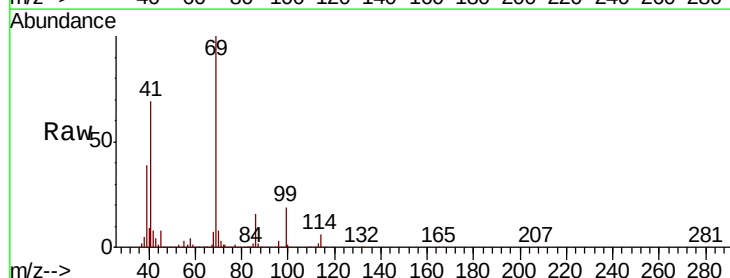
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

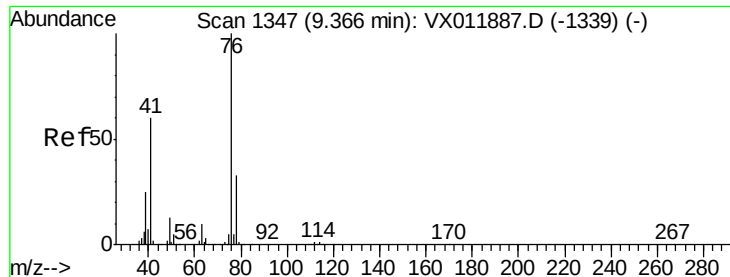
Tgt Ion:	97	Resp:	277955
Ion	Ratio	Lower	Upper
97	100		
83	82.0	66.8	100.2
85	52.7	43.5	65.3
99	62.6	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 149.771 ug/l
 RT: 9.17 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

Tgt Ion:	69	Resp:	395191
Ion	Ratio	Lower	Upper
69	100		
41	69.0	55.8	83.8
39	38.8	31.1	46.7





#57

1,3-Dichloropropane

Concen: 113.065 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011888.D

Acq: 29 Aug 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

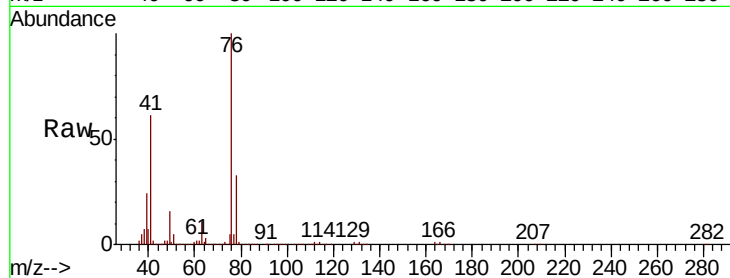
VSTDIC100

Tgt Ion: 76 Resp: 463920

Ion Ratio Lower Upper

76 100

78 32.9 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

300000

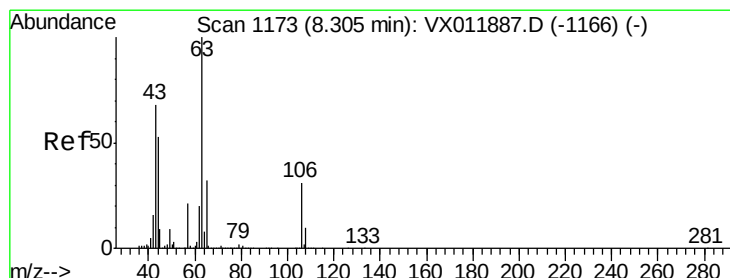
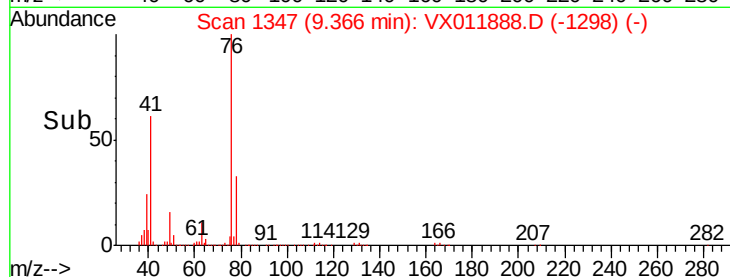
200000

100000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 1054.397 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VX011888.D

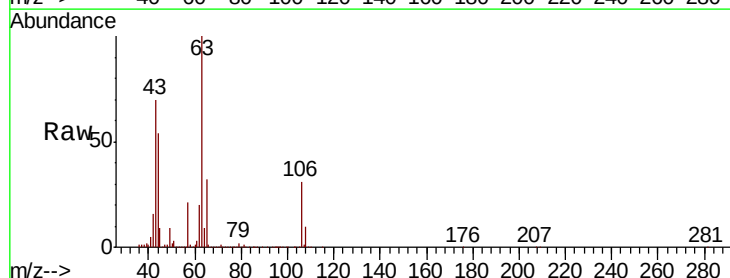
Acq: 29 Aug 2019 22:36

Tgt Ion: 63 Resp: 894282

Ion Ratio Lower Upper

63 100

106 31.7 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

600000

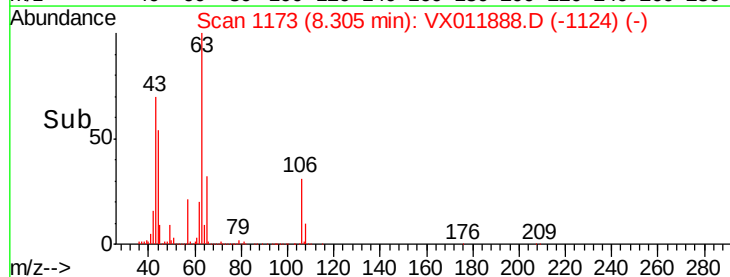
400000

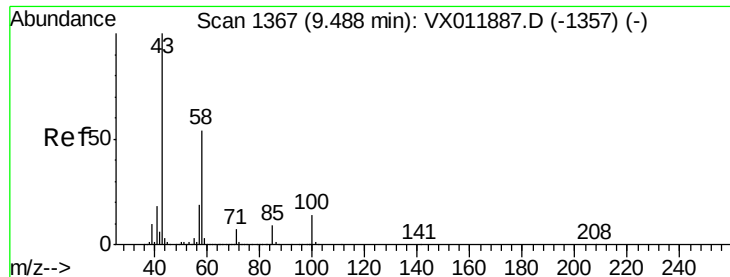
200000

0

8.20 8.25 8.30 8.35 8.40

Time-->

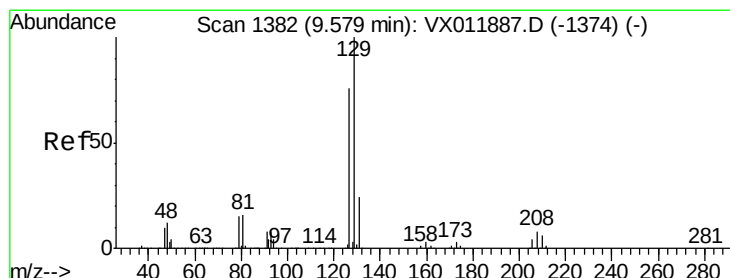
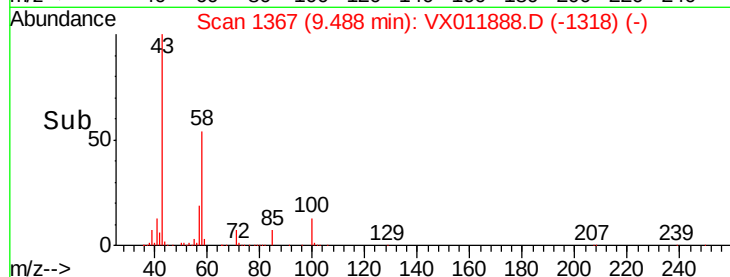
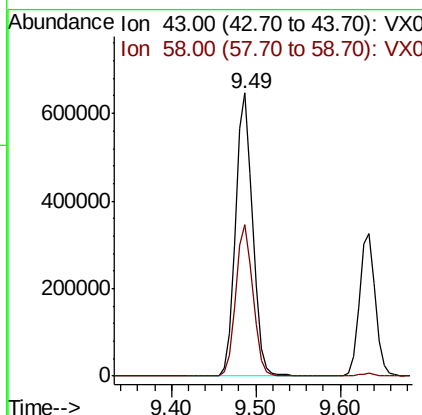
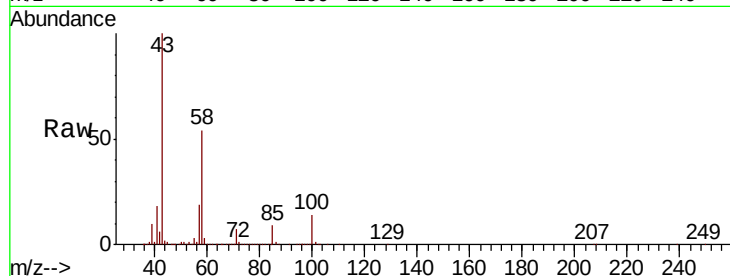




#59
2-Hexanone
Concen: 651.660 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011888.D
Acq: 29 Aug 2019 22:36

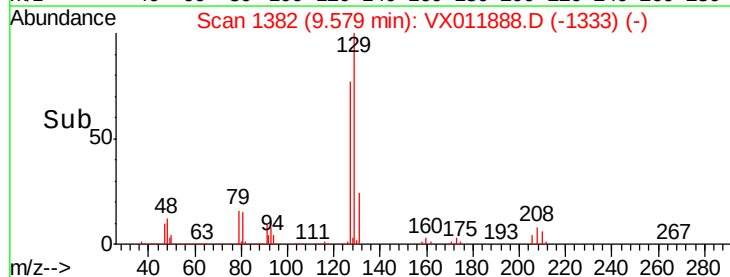
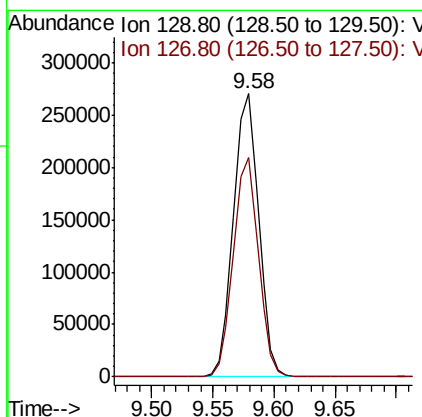
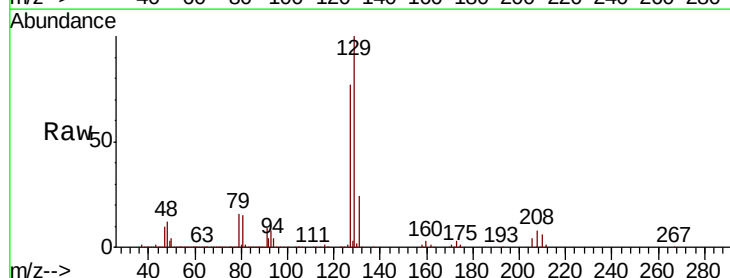
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

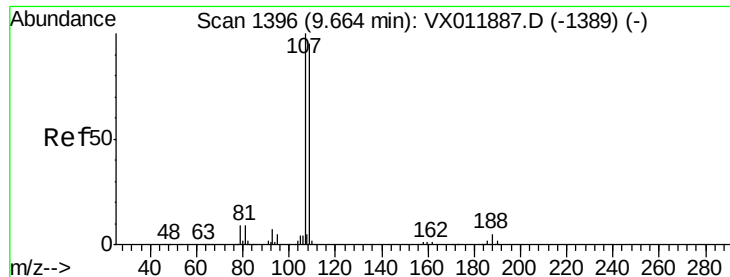
Tgt Ion: 43 Resp: 879557
Ion Ratio Lower Upper
43 100
58 54.0 26.8 80.4



#60
Dibromochloromethane
Concen: 118.108 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011888.D
Acq: 29 Aug 2019 22:36

Tgt Ion: 129 Resp: 386404
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.7

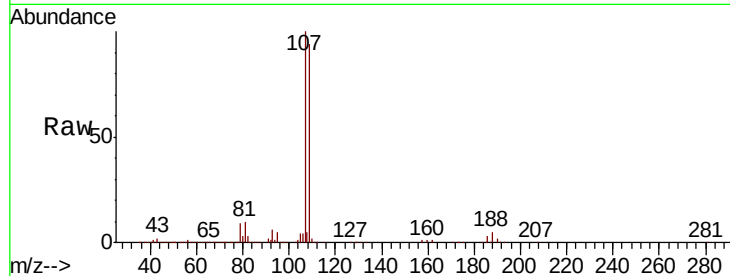




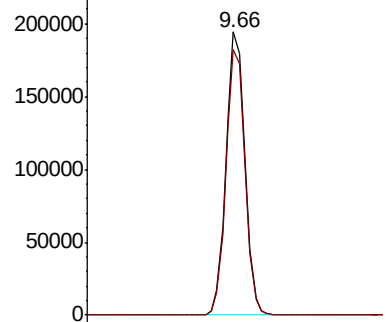
#61
 1,2-Dibromoethane
 Concen: 117.542 ug/l
 RT: 9.66 min Scan# 1396
 Delta R.T. 0.00 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

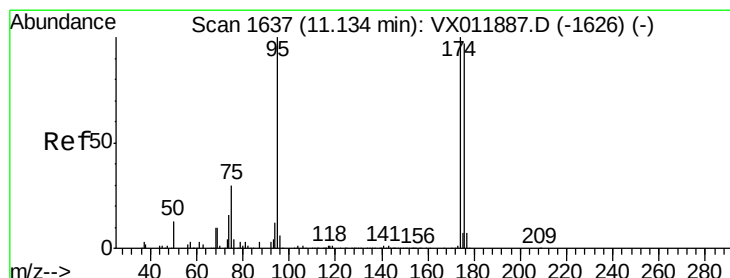
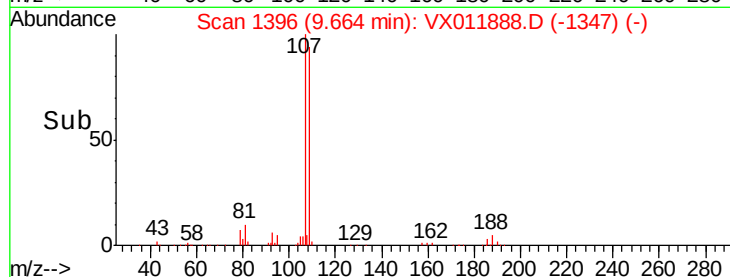
Tgt Ion: 107 Resp: 280266
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

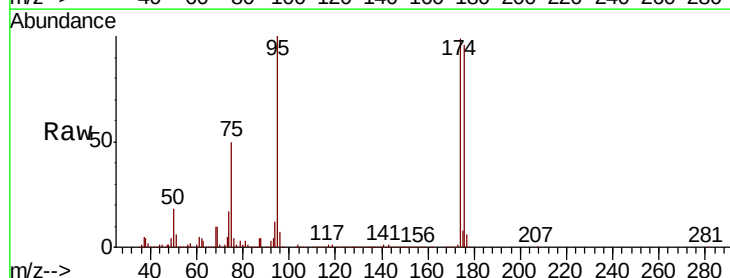


Time-->

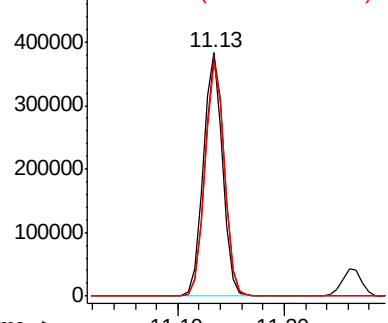


#62
 4-Bromofluorobenzene
 Concen: 92.834 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

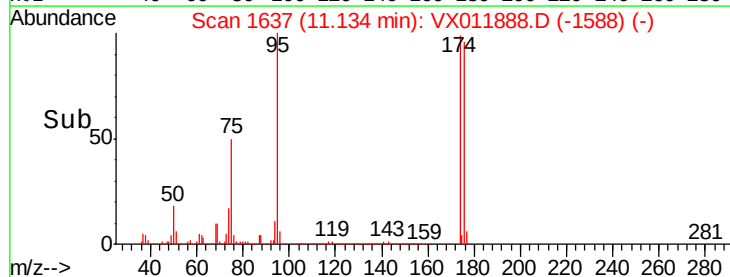
Tgt Ion: 95 Resp: 481934
 Ion Ratio Lower Upper
 95 100
 174 99.7 0.0 196.0
 176 96.9 0.0 191.4

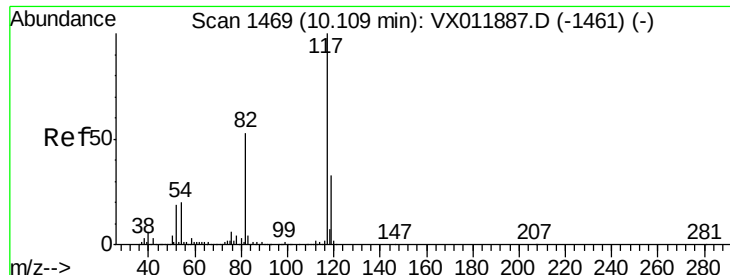


Abundance Ion 94.90 (94.60 to 95.60): VX0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V



Time-->

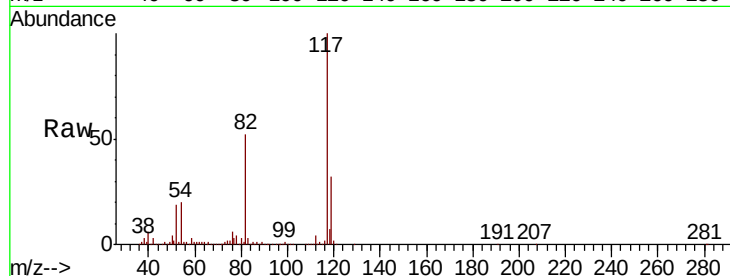




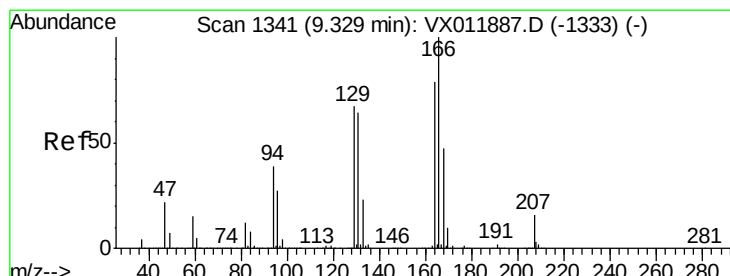
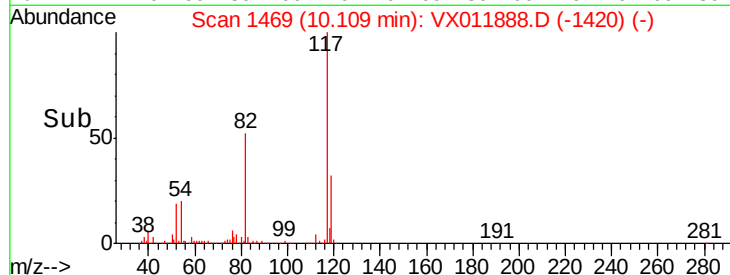
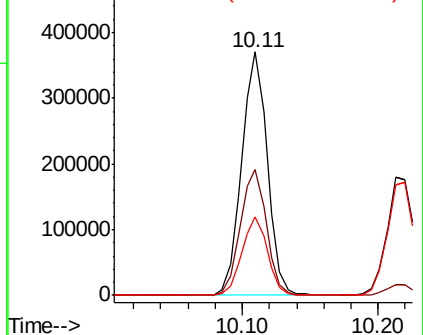
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011888.D
Acq: 29 Aug 2019 22:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 488218
Ion Ratio Lower Upper
117 100
82 51.7 42.0 63.0
119 32.0 26.2 39.4

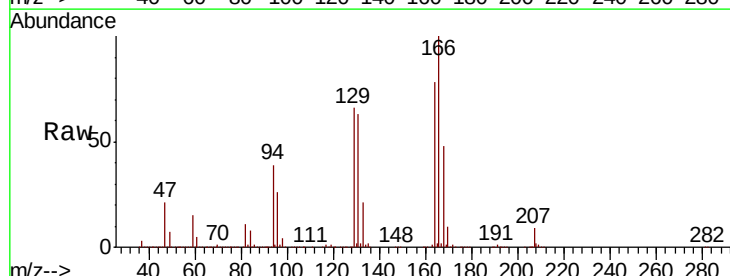


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

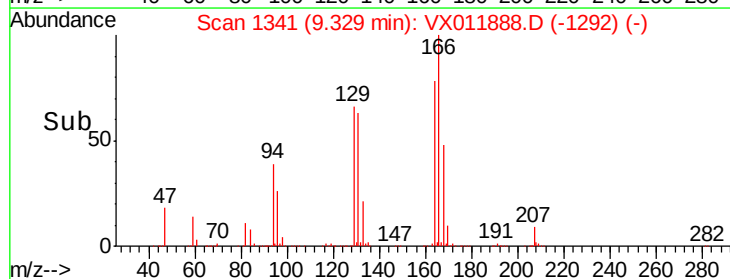
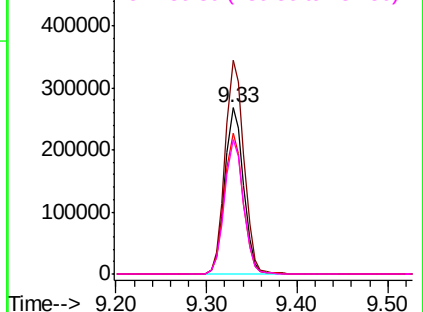


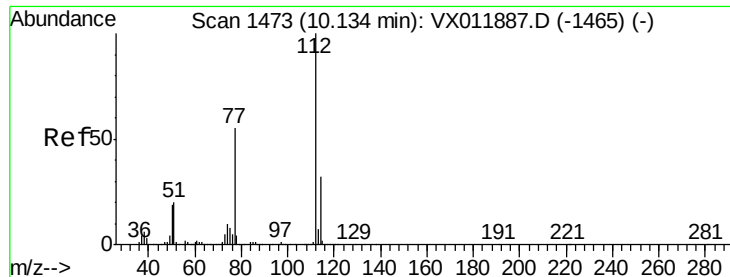
#64
Tetrachloroethene
Concen: 79.587 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VX011888.D
Acq: 29 Aug 2019 22:36

Tgt Ion:164 Resp: 387260
Ion Ratio Lower Upper
164 100
166 128.8 101.4 152.0
129 84.8 68.0 102.0
131 81.4 64.7 97.1



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

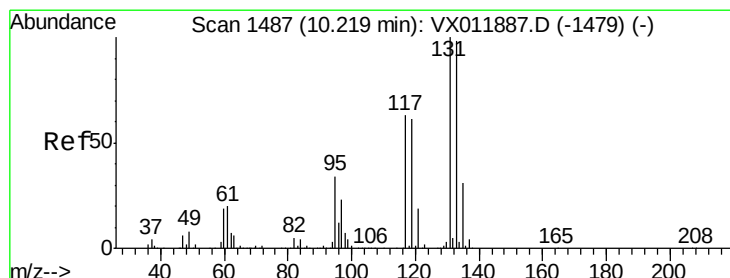
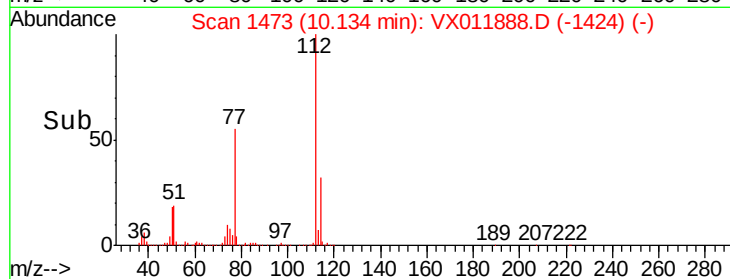
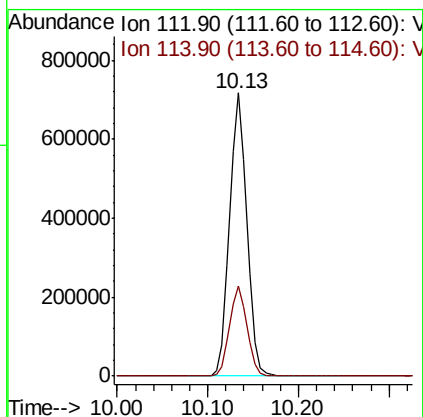
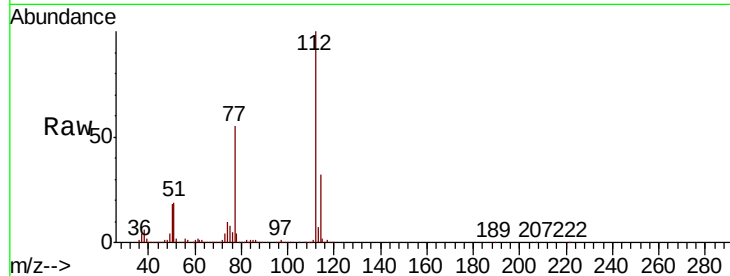




#65
Chlorobenzene
Concen: 103.051 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011888.D
Acq: 29 Aug 2019 22:36

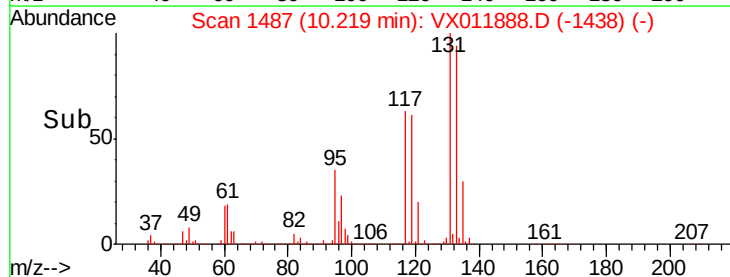
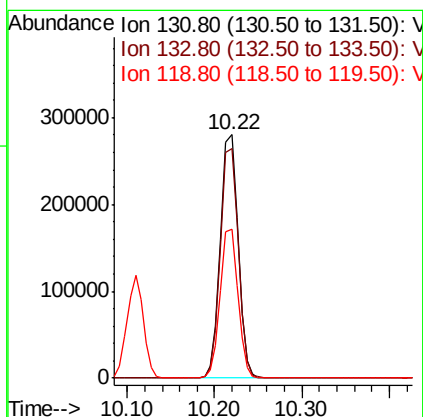
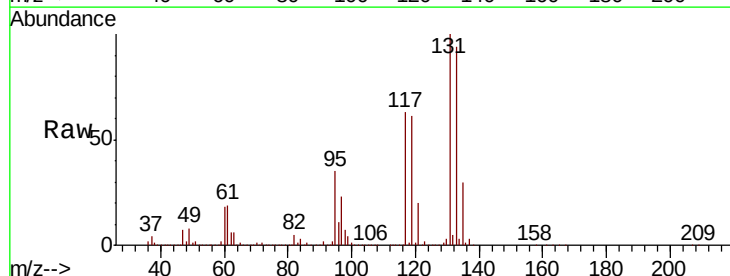
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

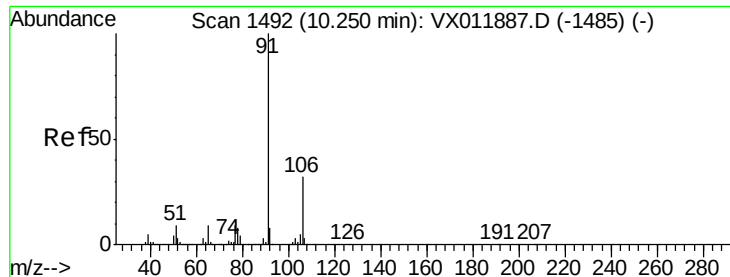
Tgt Ion:112 Resp: 951855
Ion Ratio Lower Upper
112 100
114 32.0 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 118.435 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011888.D
Acq: 29 Aug 2019 22:36

Tgt Ion:131 Resp: 393336
Ion Ratio Lower Upper
131 100
133 95.6 48.4 145.0
119 61.2 30.6 92.0

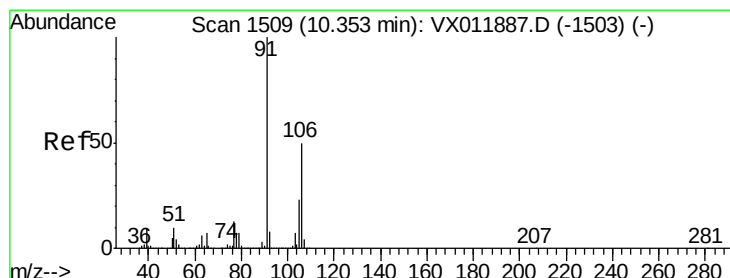
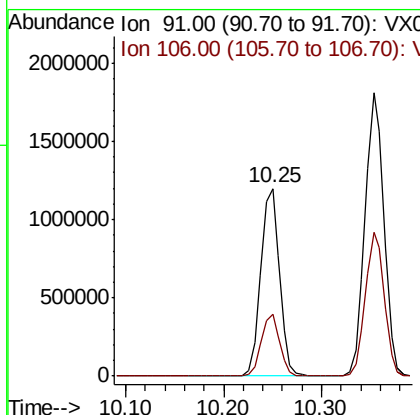
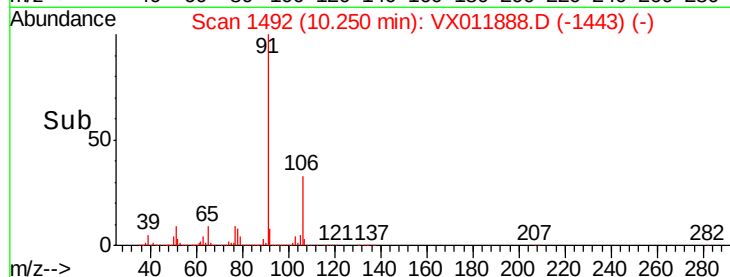
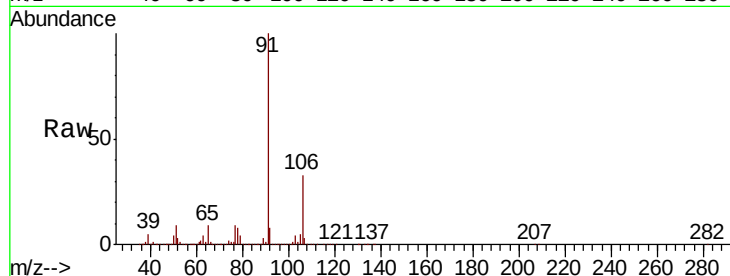




#67
Ethyl Benzene
Concen: 101.537 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011888.D
Acq: 29 Aug 2019 22:36

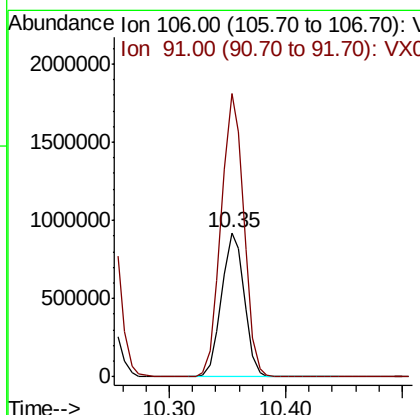
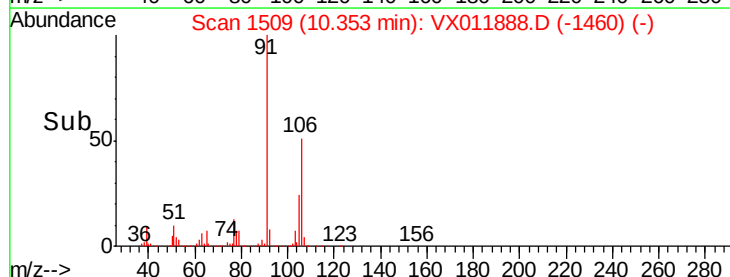
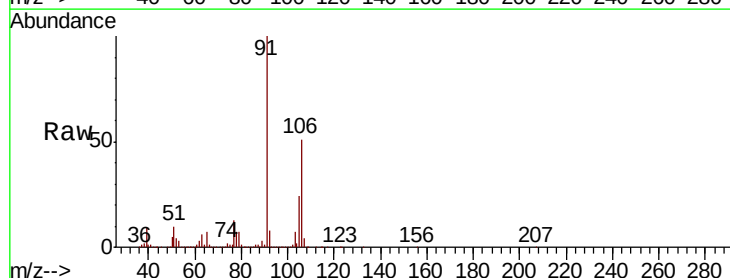
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

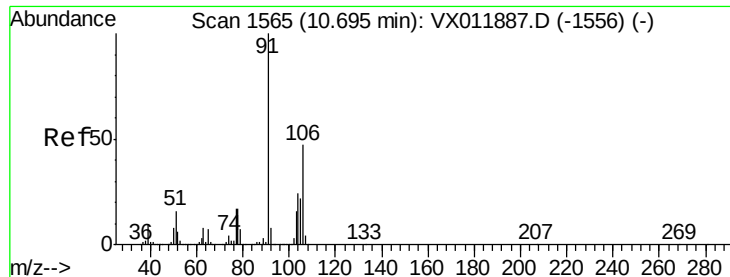
Tgt Ion: 91 Resp: 1603537
Ion Ratio Lower Upper
91 100
106 32.7 25.8 38.8



#68
m/p-Xylenes
Concen: 203.557 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011888.D
Acq: 29 Aug 2019 22:36

Tgt Ion: 106 Resp: 1241796
Ion Ratio Lower Upper
106 100
91 196.3 158.6 237.8

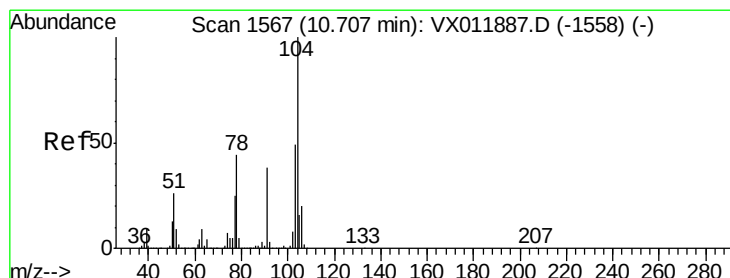
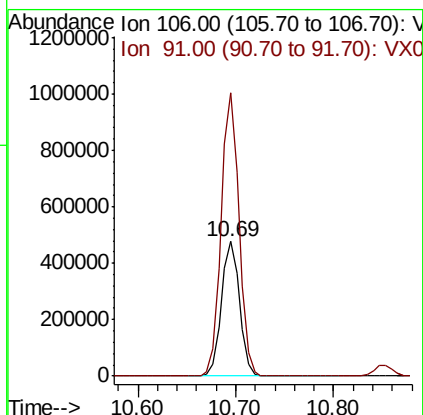
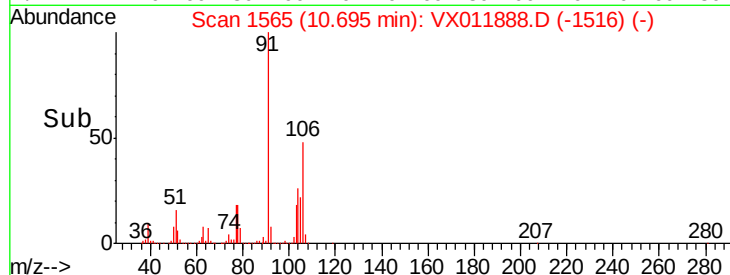
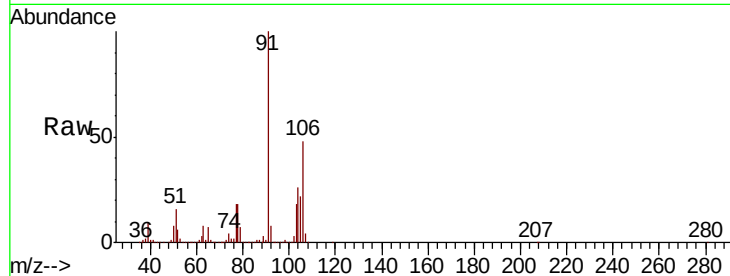




#69
o-Xylene
Concen: 104.382 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011888.D
Acq: 29 Aug 2019 22:36

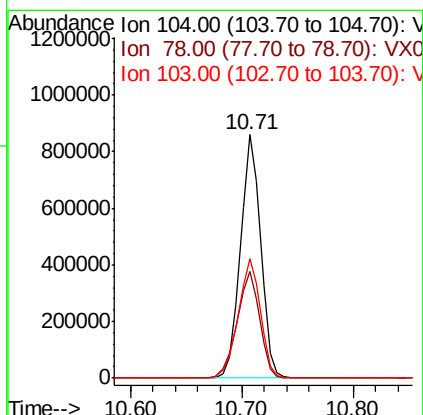
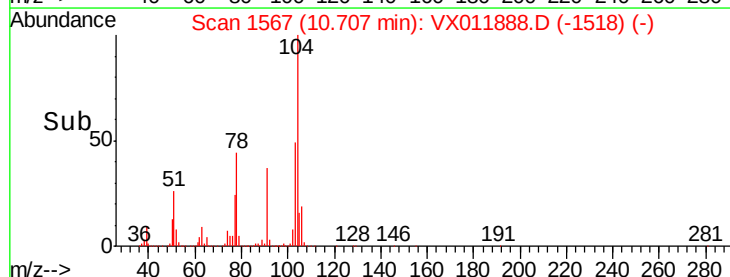
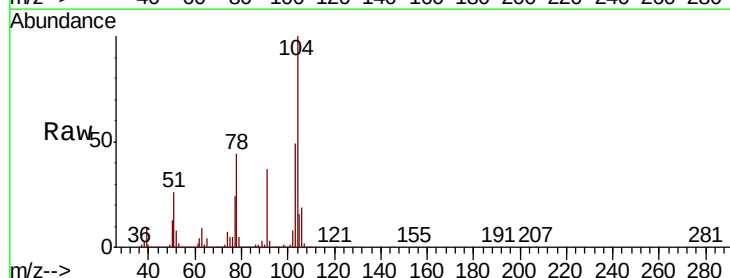
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

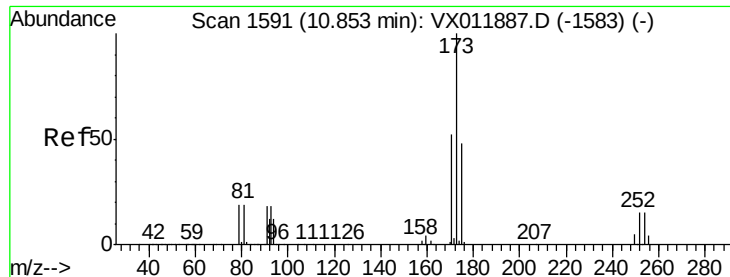
Tgt Ion:106 Resp: 610917
Ion Ratio Lower Upper
106 100
91 207.9 104.8 314.6



#70
Styrene
Concen: 112.839 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011888.D
Acq: 29 Aug 2019 22:36

Tgt Ion:104 Resp: 1082278
Ion Ratio Lower Upper
104 100
78 49.0 39.2 58.8
103 53.8 43.0 64.6

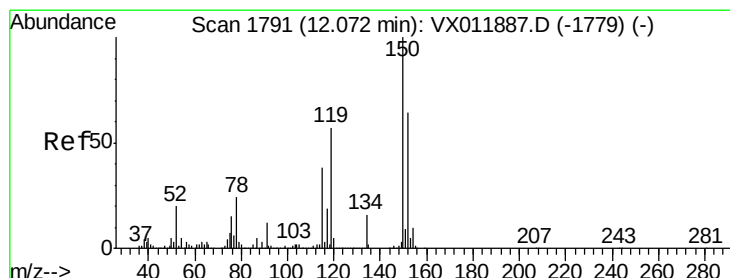
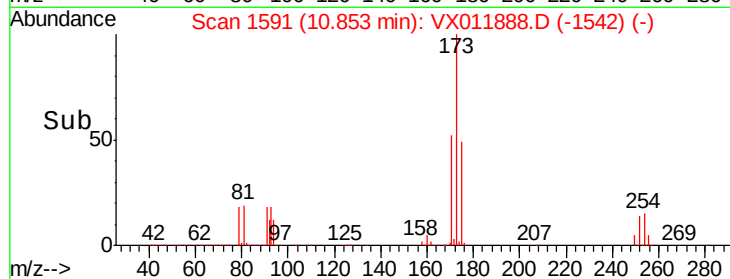
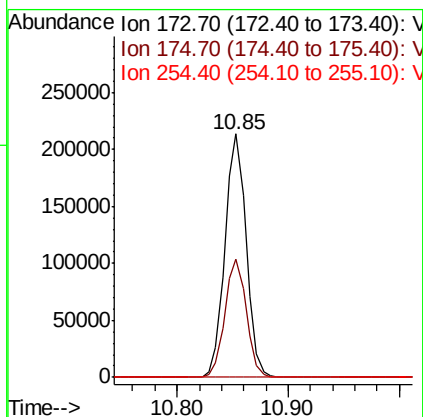
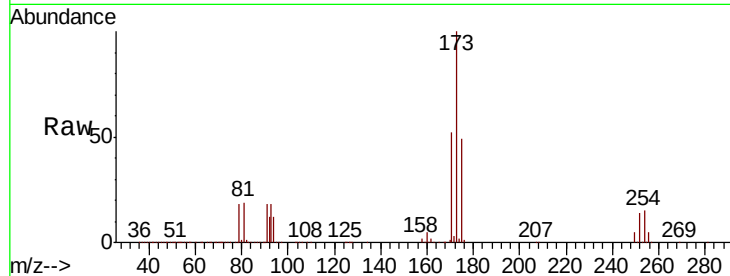




#71
Bromoform
Concen: 125.116 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX011888.D
Acq: 29 Aug 2019 22:36

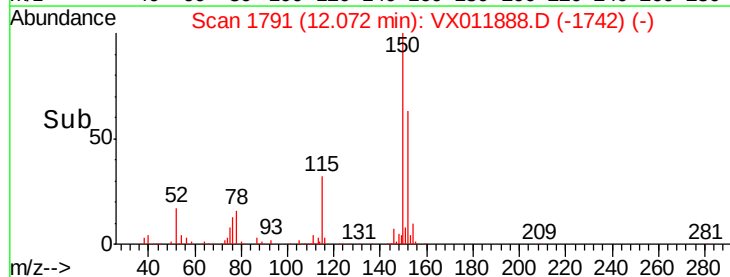
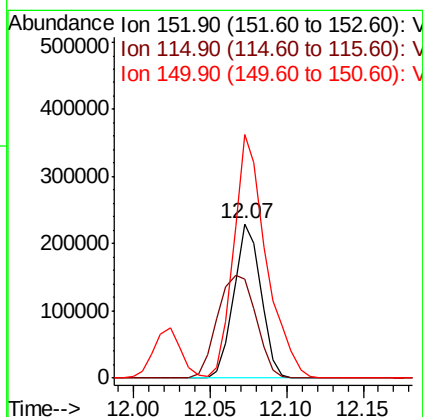
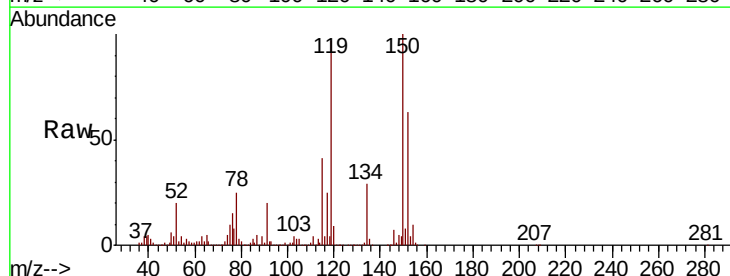
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

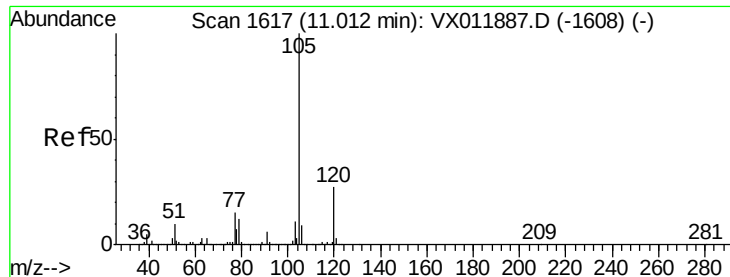
Tgt Ion:173 Resp: 282025
Ion Ratio Lower Upper
173 100
175 48.9 24.4 73.2
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX011888.D
Acq: 29 Aug 2019 22:36

Tgt Ion:152 Resp: 281885
Ion Ratio Lower Upper
152 100
115 95.3 37.1 111.3
150 188.7 0.0 339.6





#73

Isopropylbenzene

Concen: 97.971 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VX011888.D

Acq: 29 Aug 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

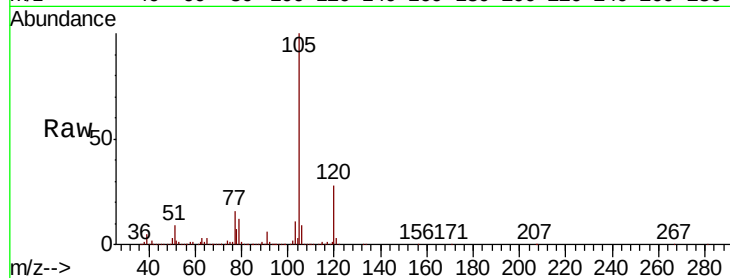
VSTDIC100

Tgt Ion:105 Resp: 1618752

Ion Ratio Lower Upper

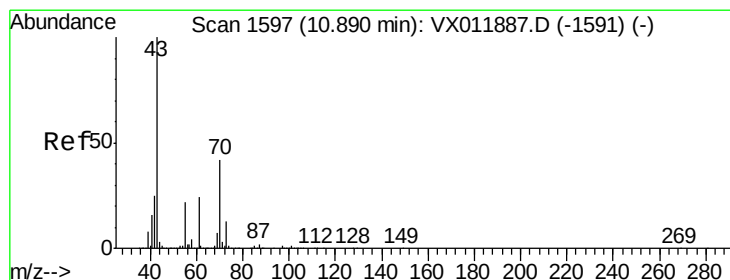
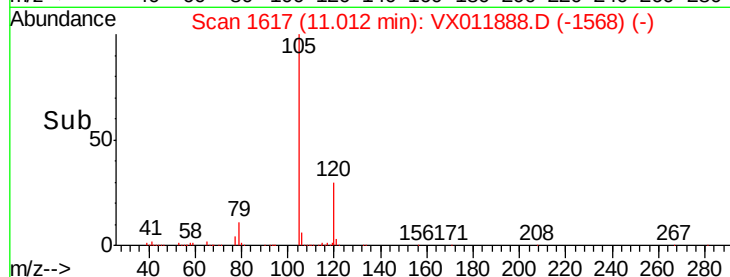
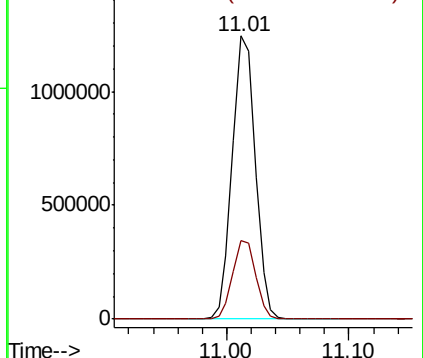
105 100

120 27.9 13.8 41.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-amyl acetate

Concen: 120.011 ug/l

RT: 10.89 min Scan# 1597

Delta R.T. 0.00 min

Lab File: VX011888.D

Acq: 29 Aug 2019 22:36

Tgt Ion: 43 Resp: 487344

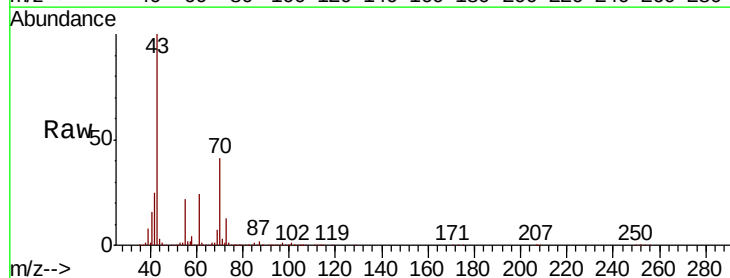
Ion Ratio Lower Upper

43 100

70 42.1 0.2 0.2#

55 22.7 0.1 0.1#

61 24.2 16.4 24.6

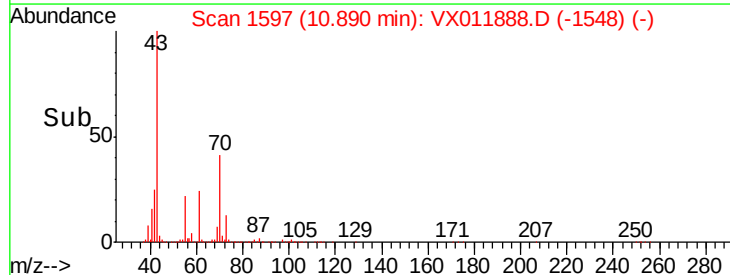
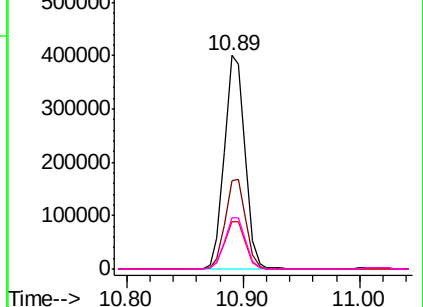


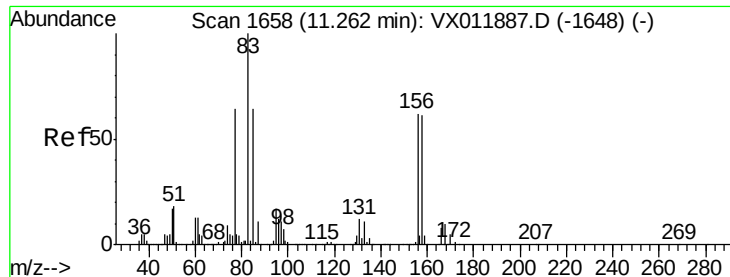
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 121.096 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VX011888.D

Acq: 29 Aug 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

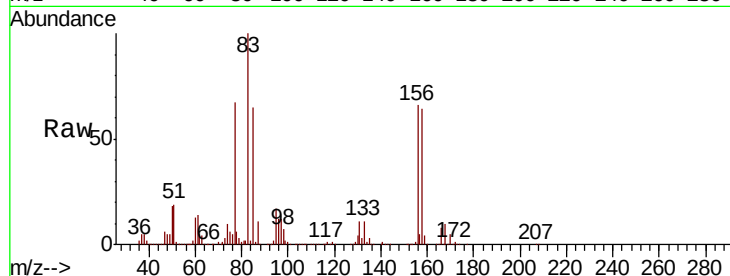
Tgt Ion: 83 Resp: 331318

Ion Ratio Lower Upper

83 100

131 12.1 6.0 18.0

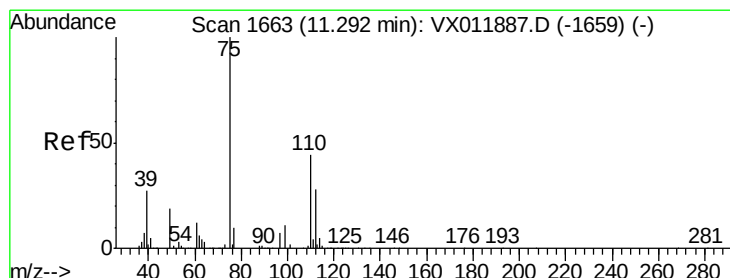
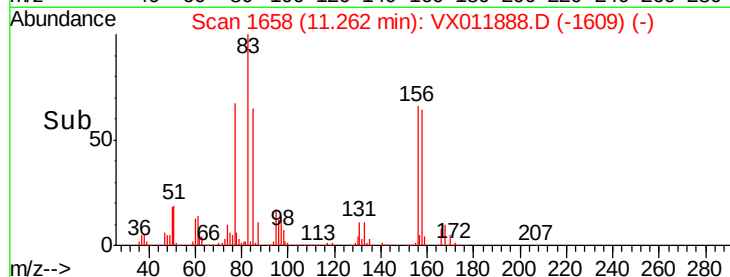
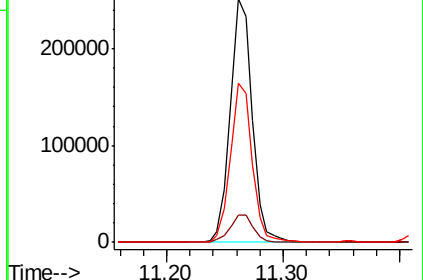
85 64.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 168.542 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011888.D

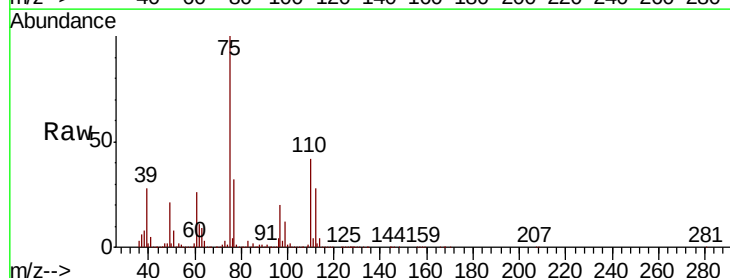
Acq: 29 Aug 2019 22:36

Tgt Ion: 75 Resp: 365225

Ion Ratio Lower Upper

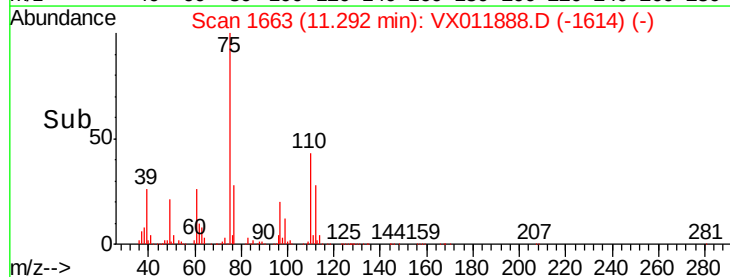
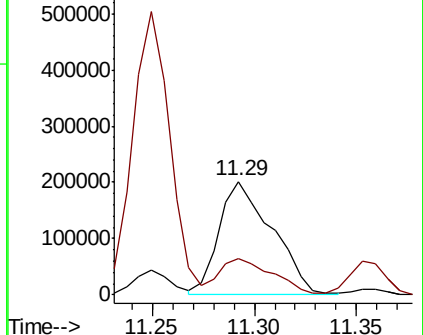
75 100

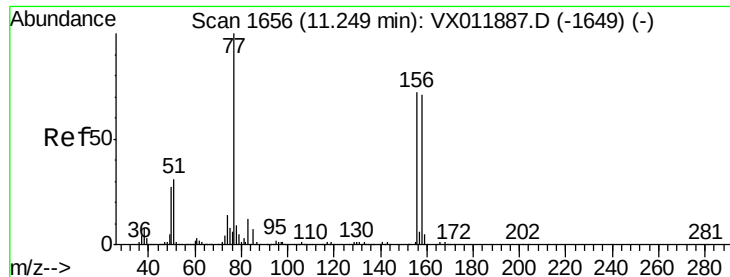
77 32.3 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

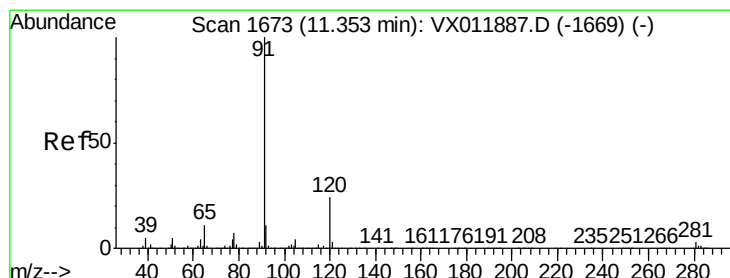
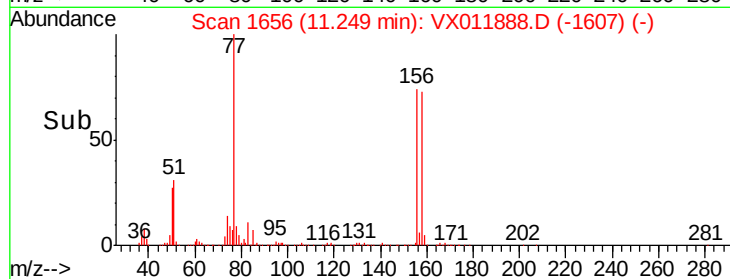
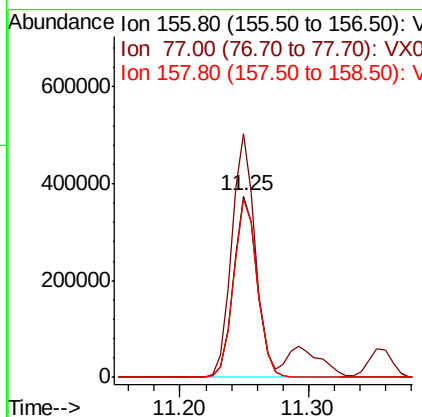
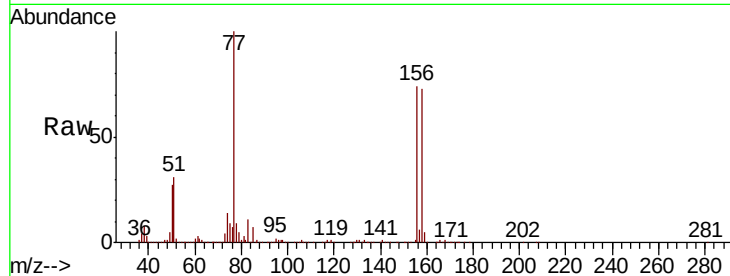




#77
Bromobenzene
Concen: 102.850 ug/l
RT: 11.25 min Scan# 1656
Delta R.T. 0.00 min
Lab File: VX011888.D
Acq: 29 Aug 2019 22:36

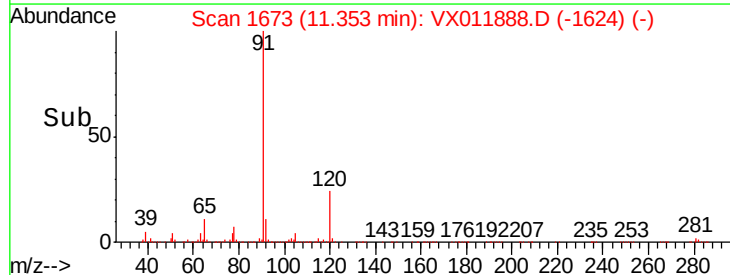
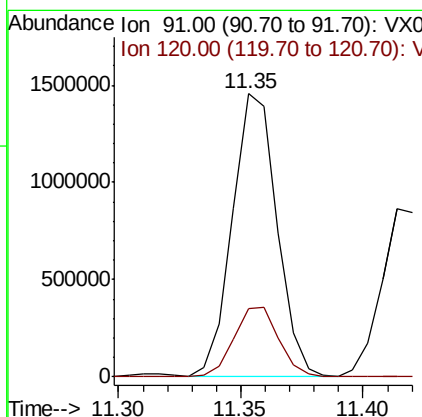
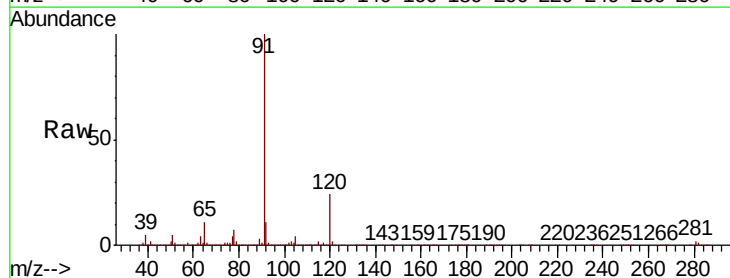
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

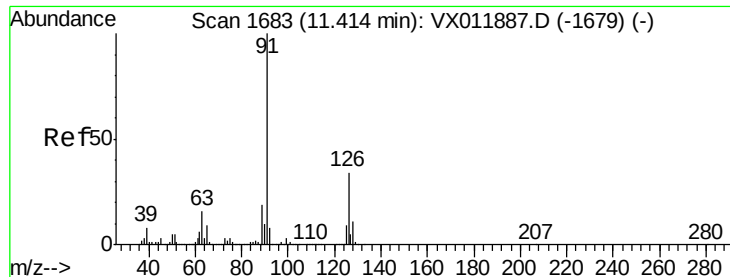
Tgt Ion:156 Resp: 477459
Ion Ratio Lower Upper
156 100
77 133.8 68.1 204.3
158 98.7 48.9 146.8



#78
n-propylbenzene
Concen: 98.278 ug/l
RT: 11.35 min Scan# 1673
Delta R.T. 0.00 min
Lab File: VX011888.D
Acq: 29 Aug 2019 22:36

Tgt Ion: 91 Resp: 1829897
Ion Ratio Lower Upper
91 100
120 25.2 12.3 36.9

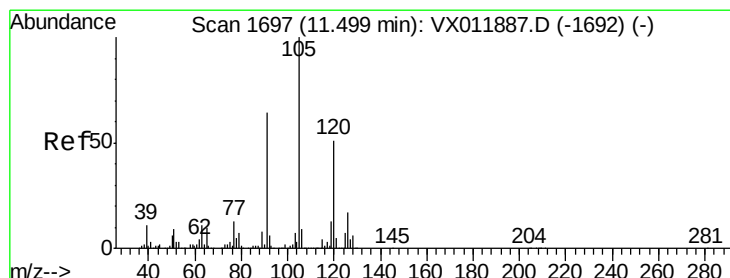
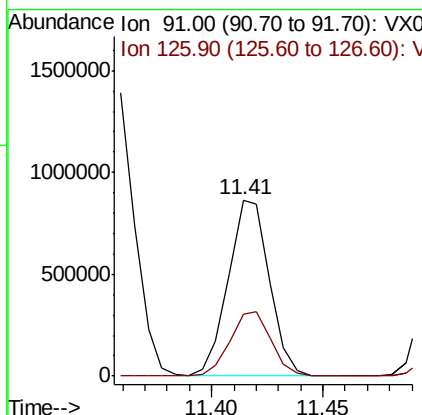
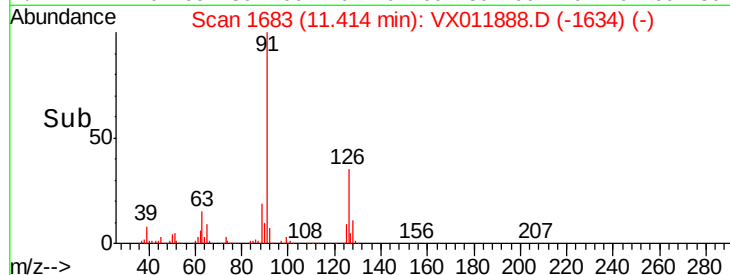
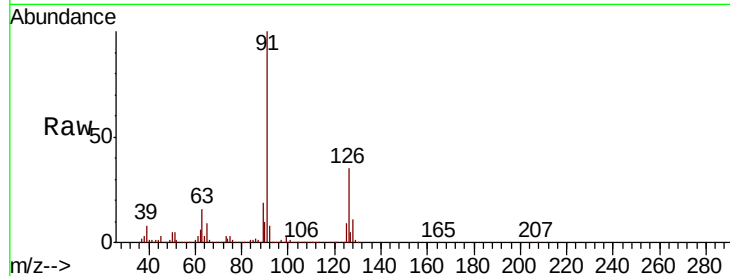




#79
 2-Chlorotoluene
 Concen: 98.402 ug/l
 RT: 11.41 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

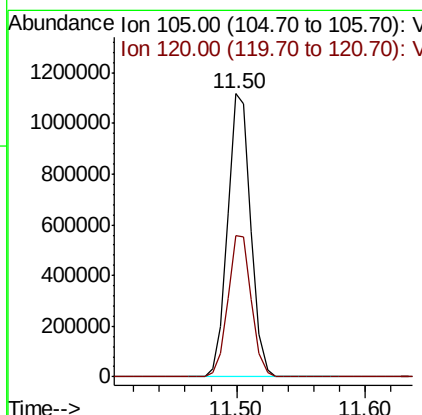
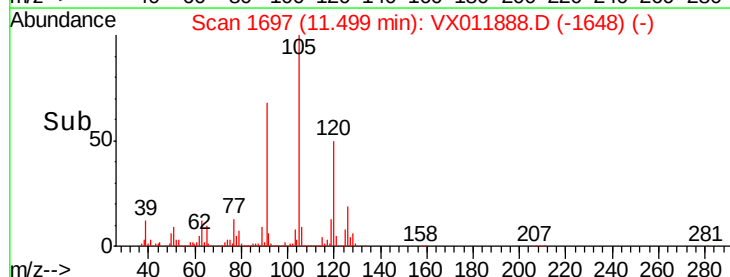
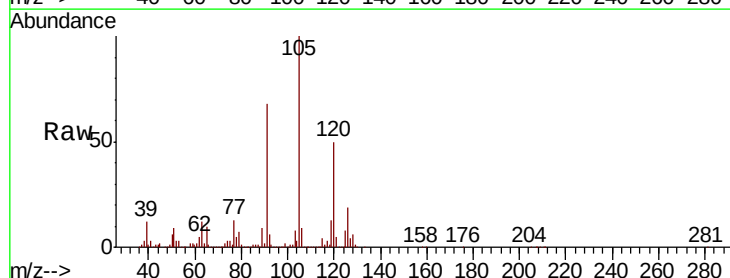
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

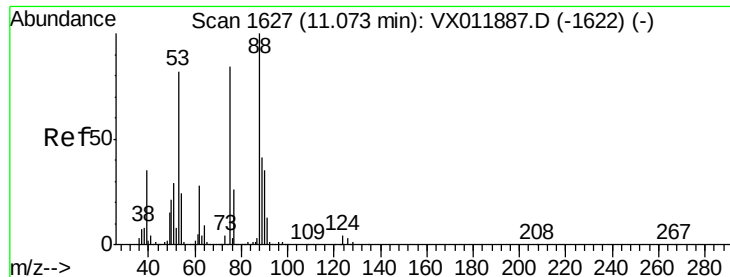
Tgt Ion: 91 Resp: 1106027
 Ion Ratio Lower Upper
 91 100
 126 36.7 17.9 53.8



#80
 1,3,5-Trimethylbenzene
 Concen: 101.079 ug/l
 RT: 11.50 min Scan# 1697
 Delta R.T. 0.00 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

Tgt Ion: 105 Resp: 1408495
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 188.287 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011888.D

Acq: 29 Aug 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

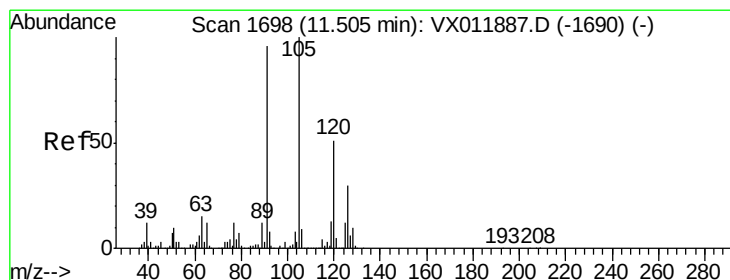
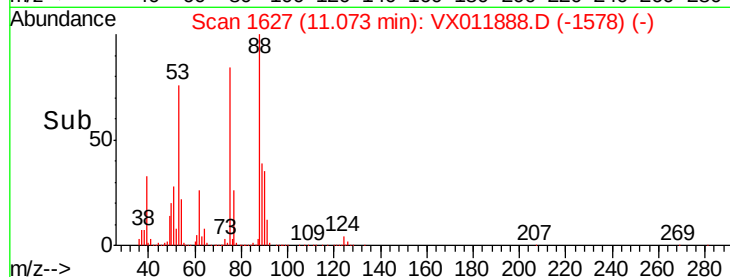
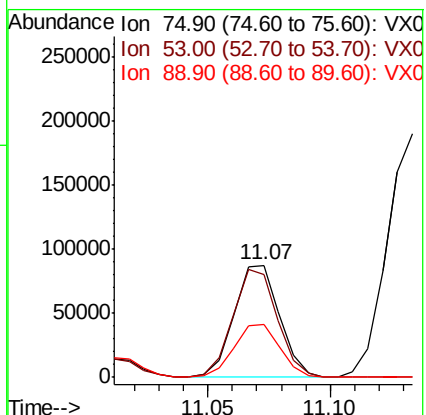
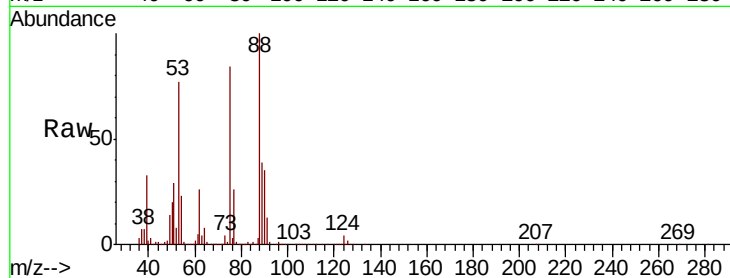
Tgt Ion: 75 Resp: 112268

Ion Ratio Lower Upper

75 100

53 95.0 77.1 115.7

89 48.0 38.2 57.2



#82

4-Chlorotoluene

Concen: 98.552 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011888.D

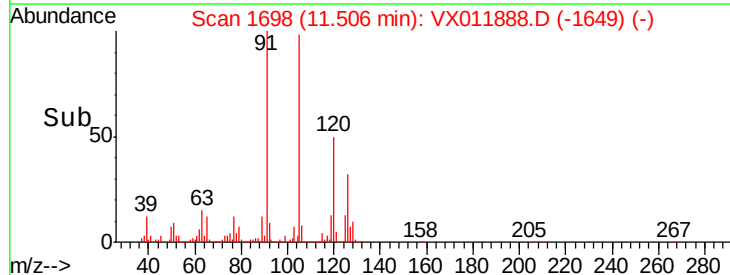
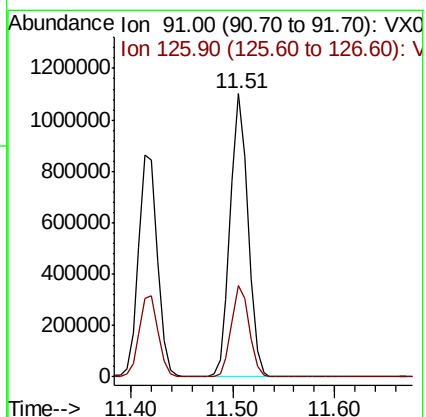
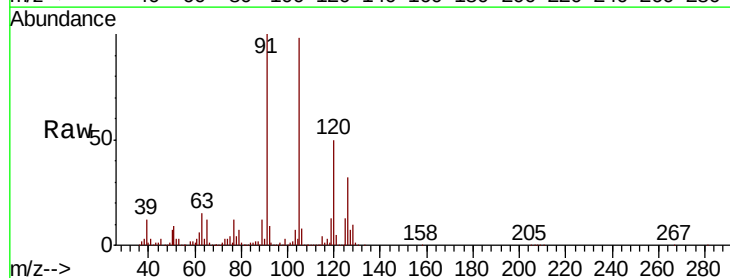
Acq: 29 Aug 2019 22:36

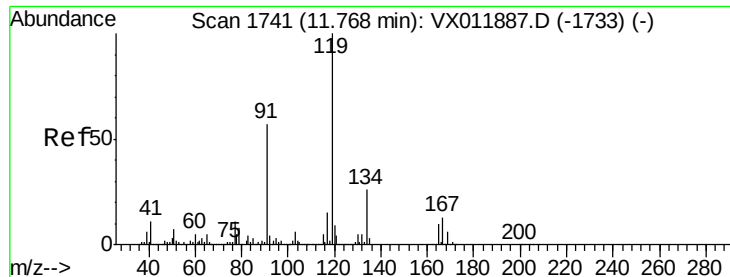
Tgt Ion: 91 Resp: 1319559

Ion Ratio Lower Upper

91 100

126 32.1 15.9 47.6

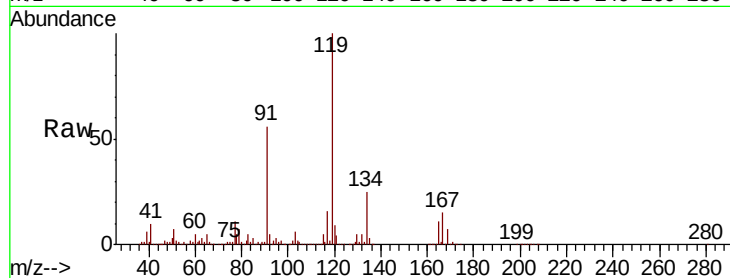




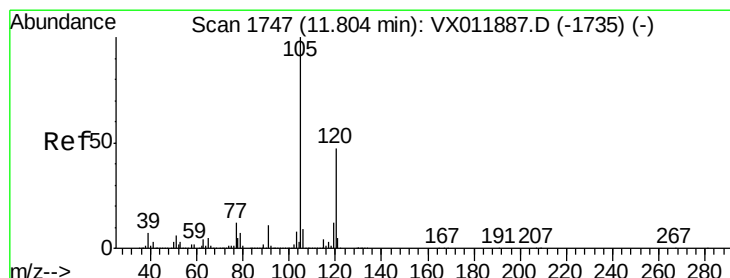
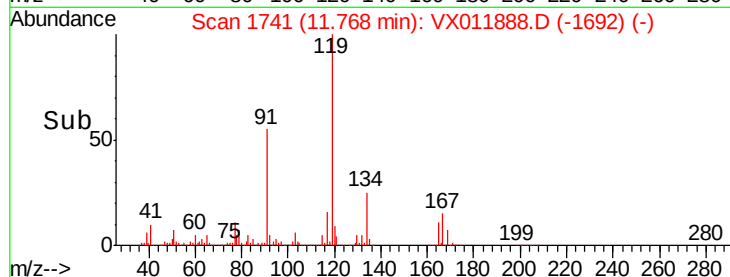
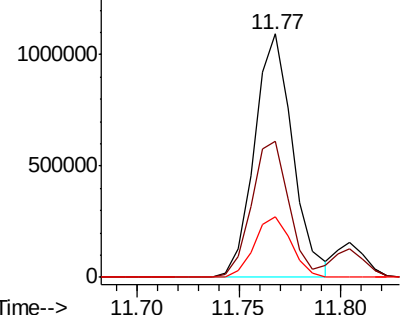
#83
 tert-Butylbenzene
 Concen: 105.760 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:119 Resp: 1428824
 Ion Ratio Lower Upper
 119 100
 91 54.5 27.9 83.6
 134 24.5 12.3 36.8

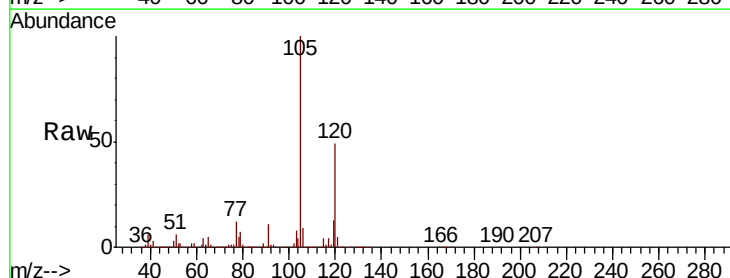


Abundance Ion 119.00 (118.70 to 119.70): V
 1500000 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

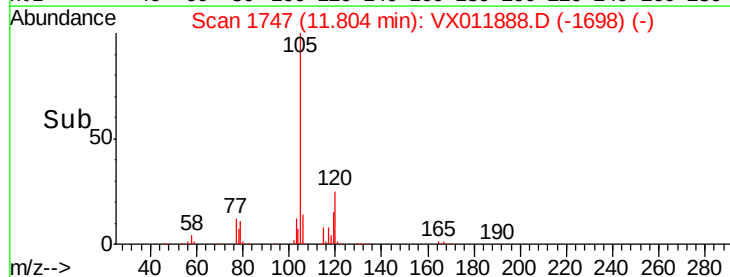
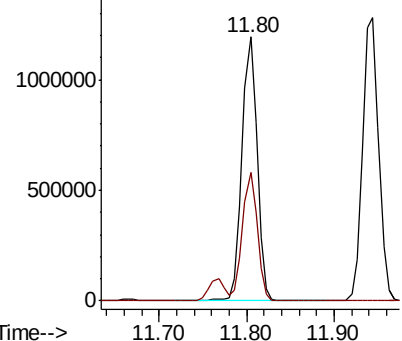


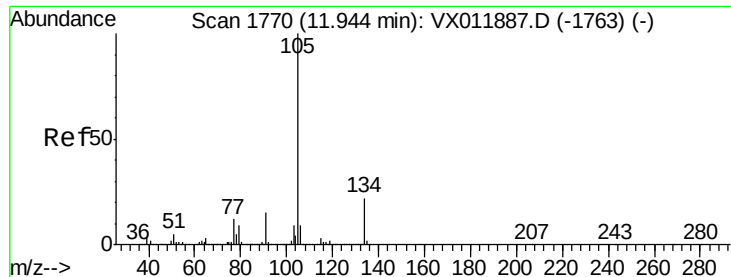
#84
 1,2,4-Trimethylbenzene
 Concen: 102.577 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

Tgt Ion:105 Resp: 1422831
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V
 1500000 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 101.144 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011888.D

Acq: 29 Aug 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

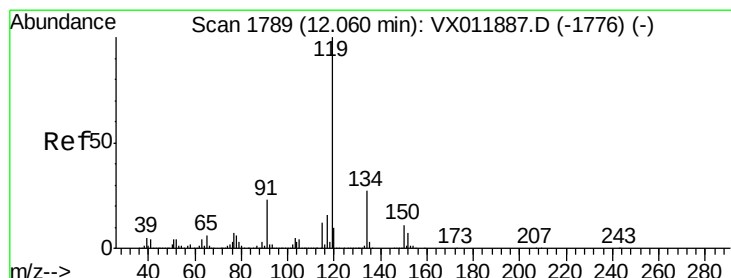
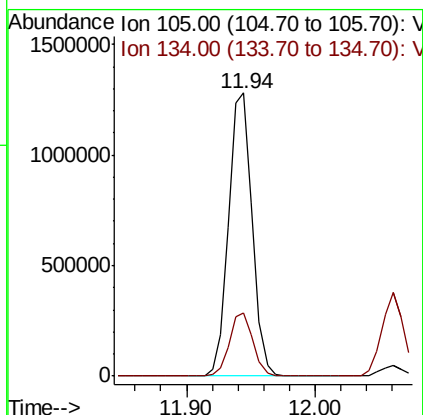
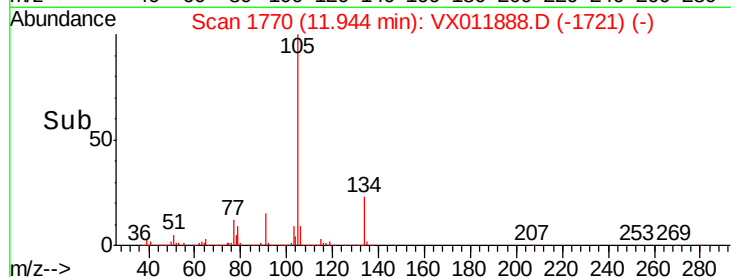
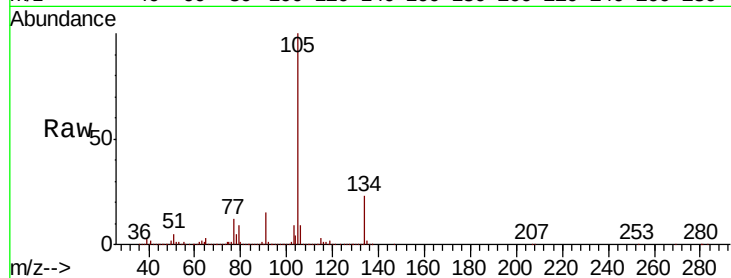
VSTDIC100

Tgt Ion:105 Resp: 1643514

Ion Ratio Lower Upper

105 100

134 22.3 10.9 32.7



#86

p-Isopropyltoluene

Concen: 105.800 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011888.D

Acq: 29 Aug 2019 22:36

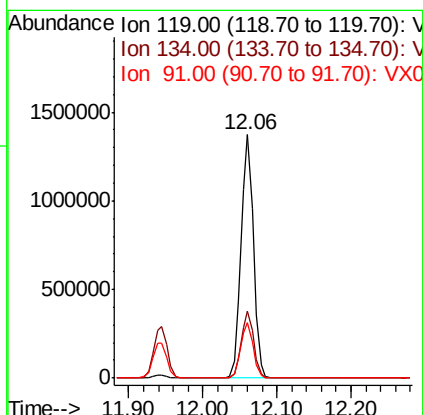
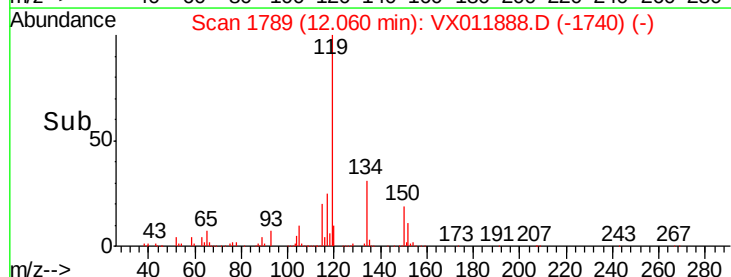
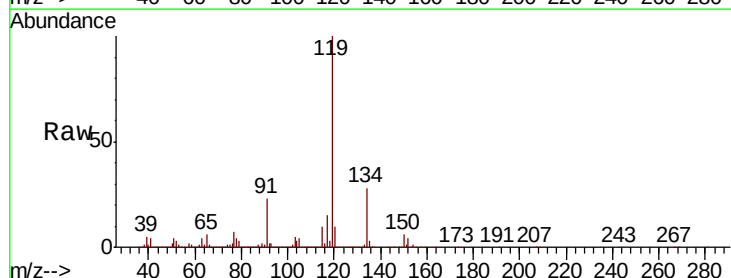
Tgt Ion:119 Resp: 1603556

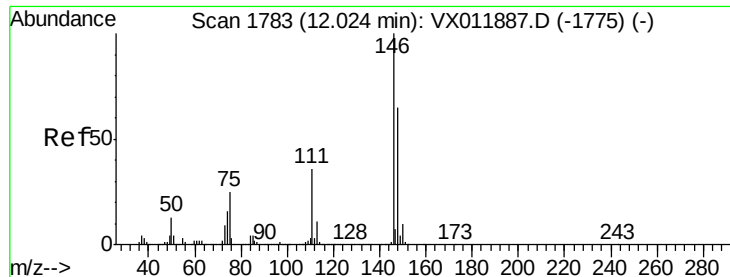
Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.0

91 23.0 11.6 34.7

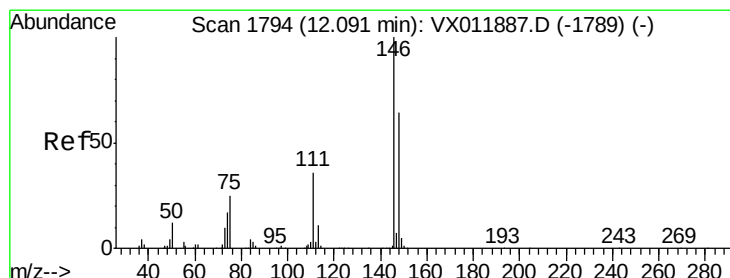
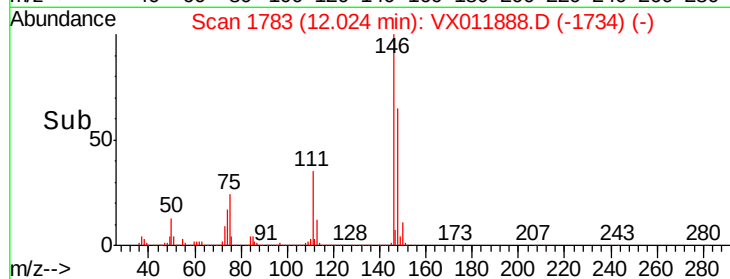
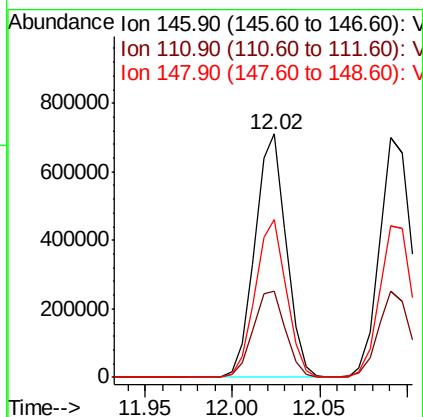
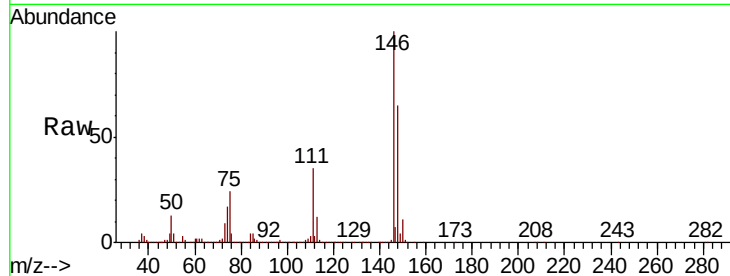




#87
 1,3-Dichlorobenzene
 Concen: 102.016 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

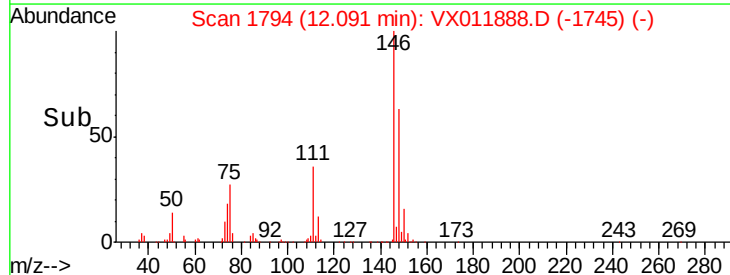
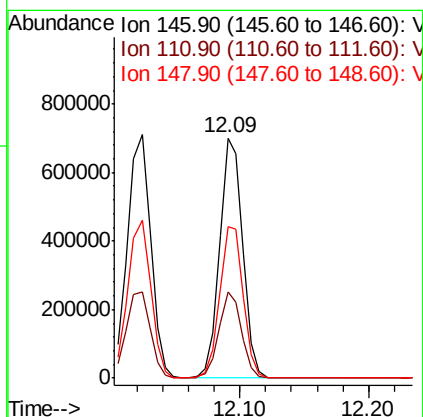
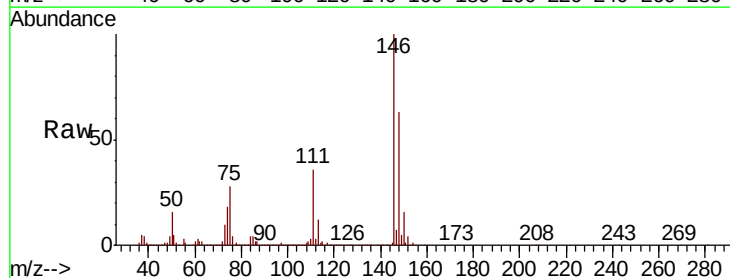
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

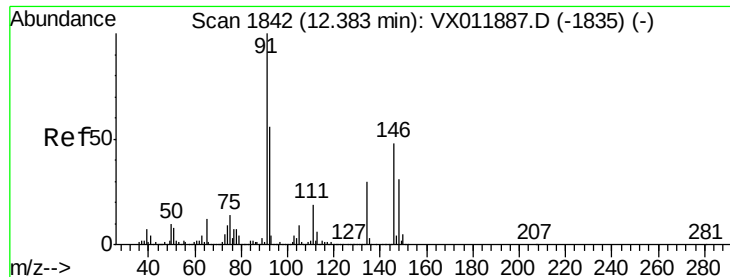
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.4	55.2
148	64.4	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 102.722 ug/l
 RT: 12.09 min Scan# 1794
 Delta R.T. 0.00 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.5	17.9	53.7
148	64.3	32.4	97.0





#89

n-Butylbenzene

Concen: 105.446 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX011888.D

Acq: 29 Aug 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

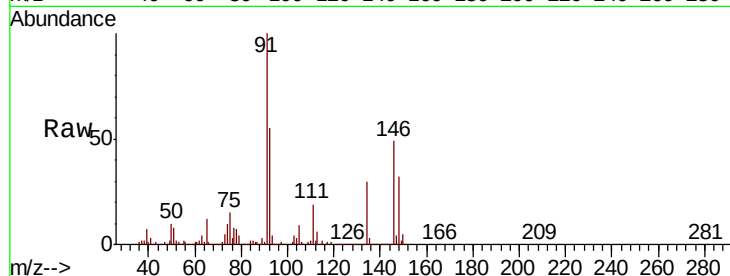
Tgt Ion: 91 Resp: 1406072

Ion Ratio Lower Upper

91 100

92 54.7 27.6 82.8

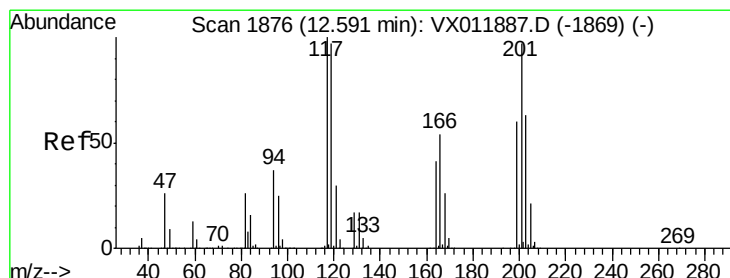
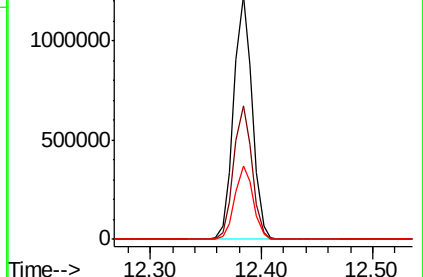
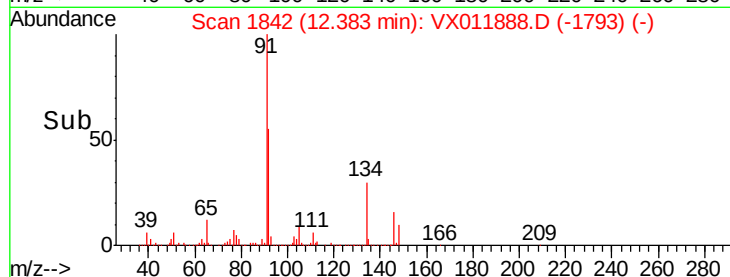
134 29.9 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX011888.D

Ion 92.00 (91.70 to 92.70): VX011888.D

Ion 134.00 (133.70 to 134.70): VX011888.D



#90

Hexachloroethane

Concen: 153.953 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. 0.00 min

Lab File: VX011888.D

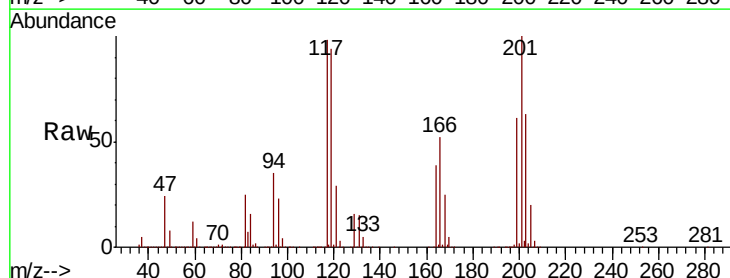
Acq: 29 Aug 2019 22:36

Tgt Ion: 117 Resp: 320781

Ion Ratio Lower Upper

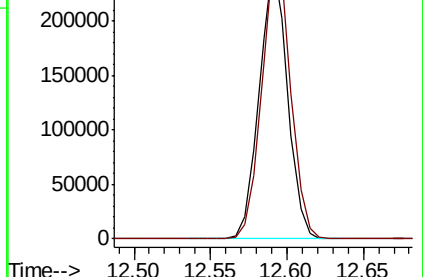
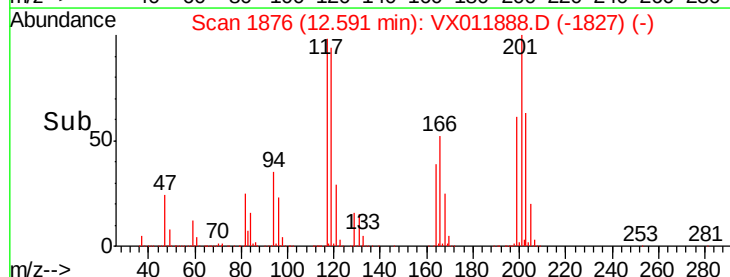
117 100

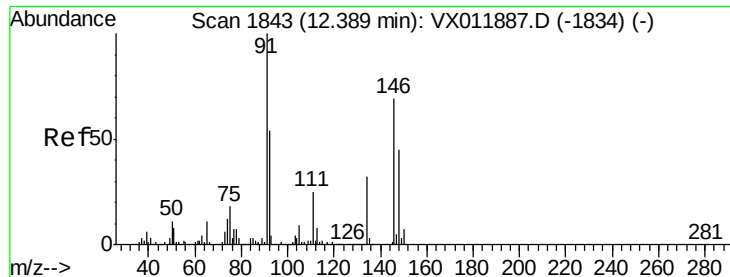
201 105.5 52.8 158.5



Abundance Ion 116.80 (116.50 to 117.50): VX011888.D

Ion 200.70 (200.40 to 201.40): VX011888.D

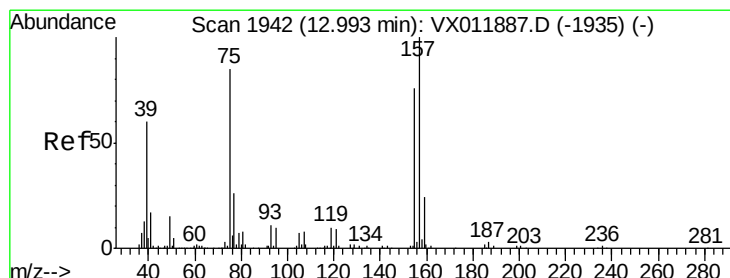
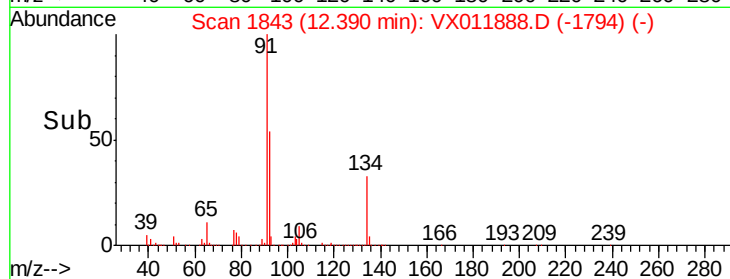
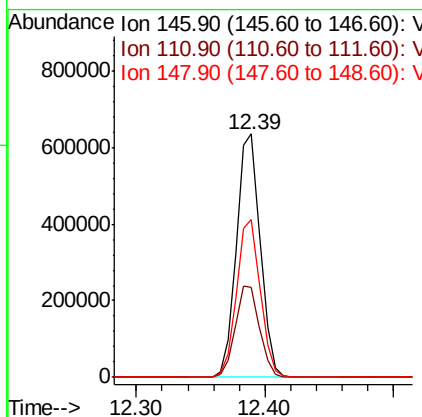
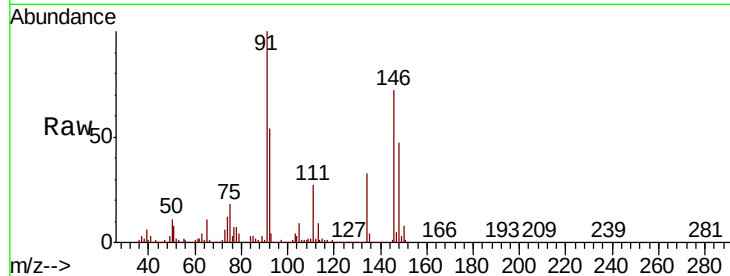




#91
 1,2-Dichlorobenzene
 Concen: 104.125 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

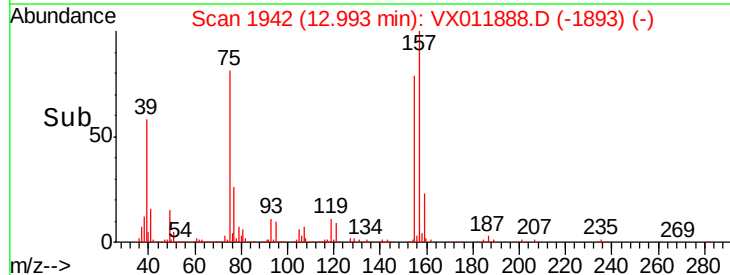
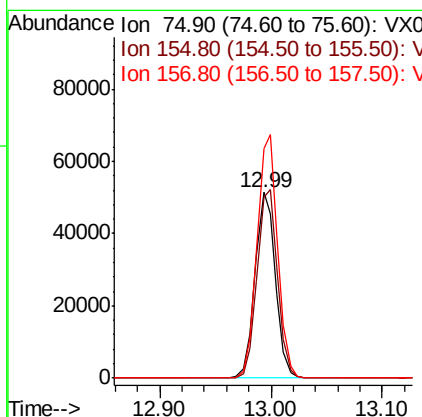
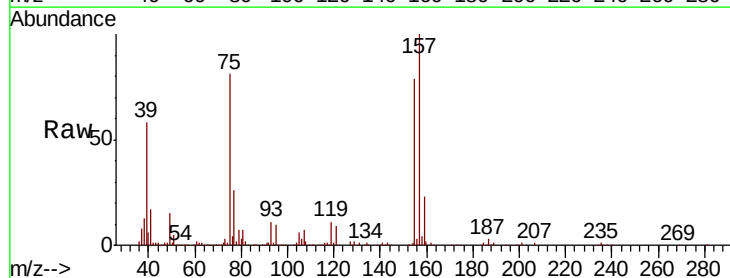
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

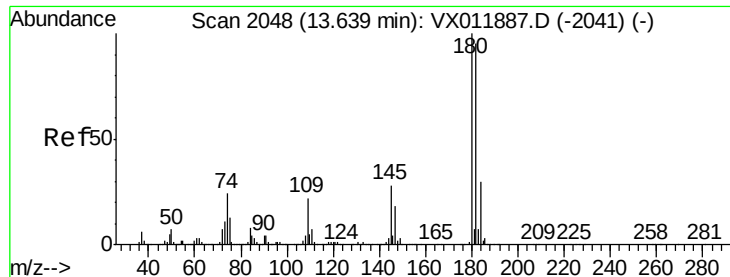
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.5
148	64.5	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 153.307 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.1	50.1	150.4
157	132.2	63.9	191.7

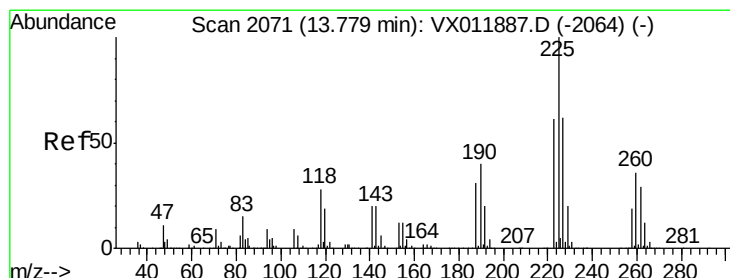
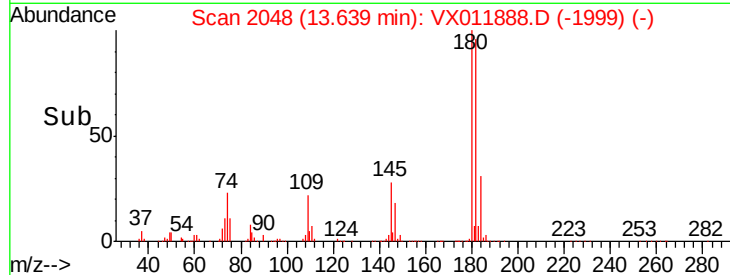
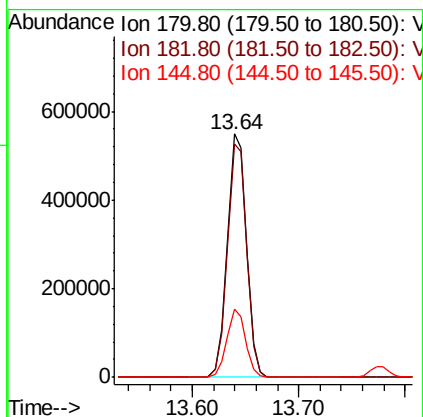
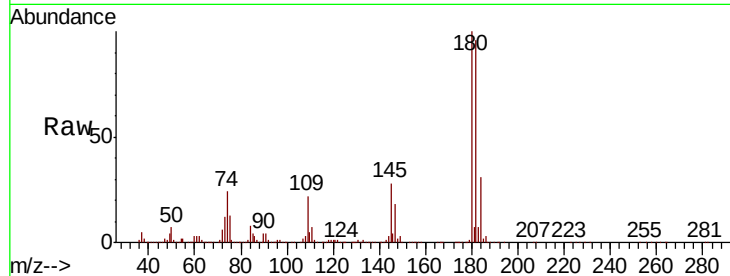




#93
 1,2,4-Trichlorobenzene
 Concen: 109.942 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. 0.00 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

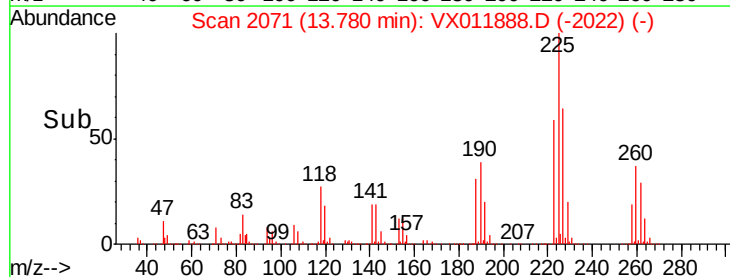
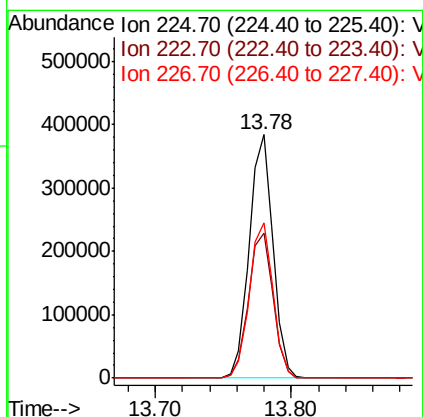
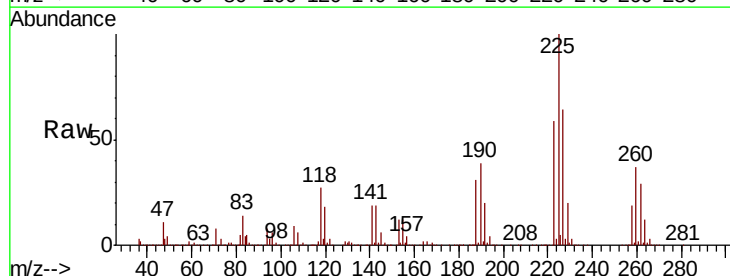
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

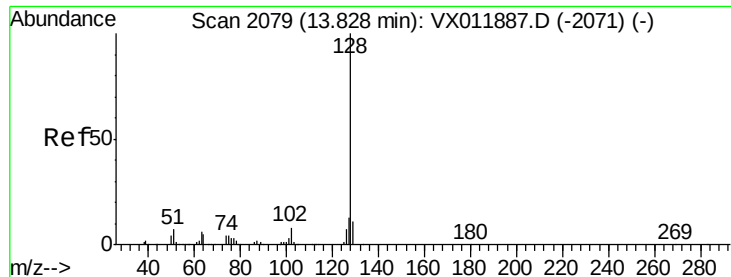
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	48.1	144.4
145	27.5	13.8	41.3



#94
 Hexachlorobutadiene
 Concen: 112.908 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011888.D
 Acq: 29 Aug 2019 22:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	30.8	92.3
227	64.0	31.9	95.7





#95

Naphthalene

Concen: 126.262 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX011888.D

Acq: 29 Aug 2019 22:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

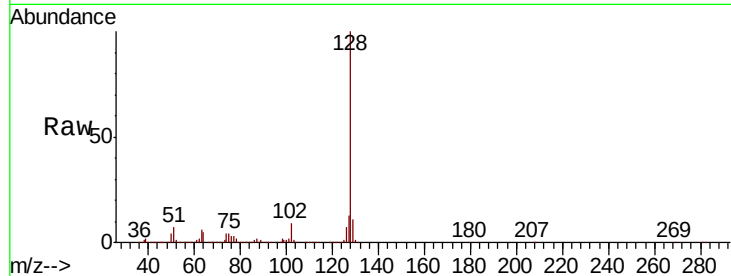
Tgt Ion:128 Resp: 1178751

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

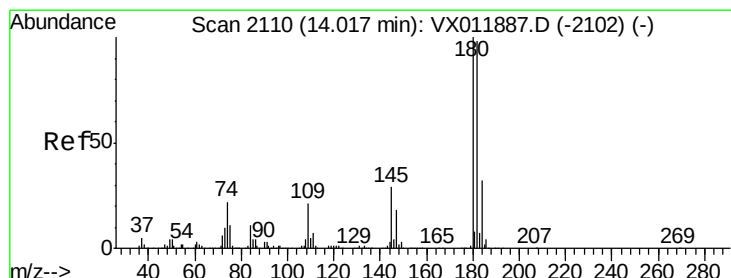
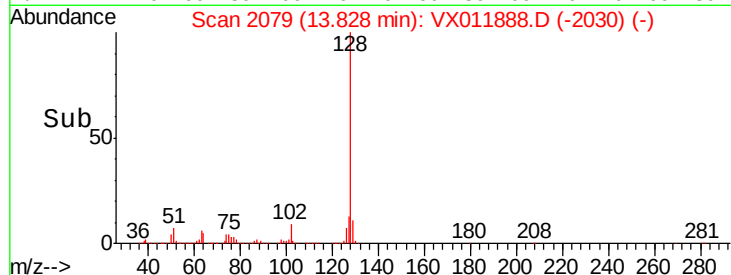
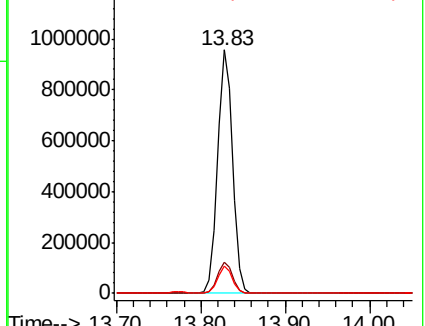
129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 111.349 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011888.D

Acq: 29 Aug 2019 22:36

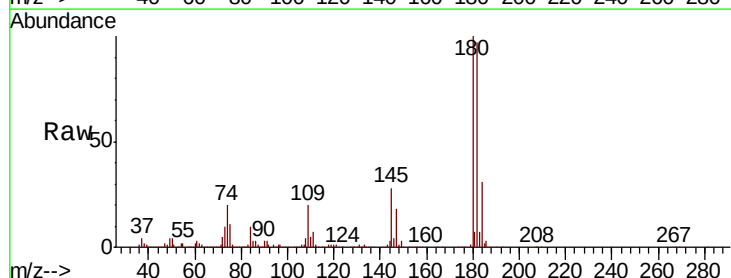
Tgt Ion:180 Resp: 613507

Ion Ratio Lower Upper

180 100

182 96.5 48.3 144.8

145 29.2 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

