

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092319\
 Data File : VX012595.D
 Acq On : 23 Sep 2019 10:32
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 23 11:59:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 11:56:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	201610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	354139	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	310718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	134982	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	15680	5.36	ug/l	0.00
Spiked Amount			Recovery	=	10.72%	
35) Dibromofluoromethane	5.49	113	10303	4.79	ug/l	0.00
Spiked Amount			Recovery	=	9.58%	
50) Toluene-d8	8.71	98	42410	5.30	ug/l	0.00
Spiked Amount			Recovery	=	10.60%	
62) 4-Bromofluorobenzene	11.14	95	15609	4.75	ug/l	0.00
Spiked Amount			Recovery	=	9.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	11574	8.640	ug/l	94
3) Chloromethane	1.32	50	12935	9.774	ug/l	99
4) Vinyl Chloride	1.40	62	12961	9.274	ug/l	97
5) Bromomethane	1.62	94	4980	8.892	ug/l	95
6) Chloroethane	1.70	64	10267	9.550	ug/l	98
7) Trichlorofluoromethane	1.92	101	18597	7.839	ug/l	96
8) Diethyl Ether	2.18	74	7495	7.106	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	11369	6.812	ug/l	97
10) Methyl Iodide	2.50	142	6964	5.066	ug/l	98
11) Tert butyl alcohol	3.03	59	17985	23.367	ug/l	98
12) 1,1-Dichloroethene	2.36	96	11012	7.843	ug/l	93
13) Acrolein	2.28	56	6970	22.425	ug/l	99
14) Allyl chloride	2.72	41	21076	6.739	ug/l	99
15) Acrylonitrile	3.13	53	35844	28.045	ug/l	100
16) Acetone	2.44	43	37810	25.465	ug/l	97
17) Carbon Disulfide	2.56	76	28762	12.840	ug/l	99
18) Methyl Acetate	2.76	43	18050	5.879	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	40503	5.738	ug/l	98
20) Methylene Chloride	2.84	84	13051	6.990	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	11965	8.141	ug/l	98
22) Diisopropyl ether	3.84	45	40691	5.762	ug/l	93
23) Vinyl Acetate	3.80	43	175132	29.831	ug/l	100
24) 1,1-Dichloroethane	3.69	63	22323	6.454	ug/l	97
25) 2-Butanone	4.66	43	54665	26.938	ug/l	95
26) 2,2-Dichloropropane	4.58	77	19295	5.777	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	13073	6.294	ug/l	91
28) Bromochloromethane	5.00	49	8729	5.140	ug/l	99
29) Tetrahydrofuran	5.12	42	33042	29.116	ug/l	99
30) Chloroform	5.20	83	23207	5.971	ug/l	98
31) Cyclohexane	5.57	56	20896	8.865	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	20276	6.174	ug/l	99
36) 1,1-Dichloropropene	5.79	75	16627	7.223	ug/l	99
37) Ethyl Acetate	4.82	43	19137	5.728	ug/l	98
38) Carbon Tetrachloride	5.77	117	17099	6.188	ug/l	95

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 23 11:59:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 11:56:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	20070	8.560	ug/l	98
40) Benzene	6.14	78	49517	6.840	ug/l	95
41) Methacrylonitrile	5.04	41	10540	4.970	ug/l	97
42) 1,2-Dichloroethane	6.18	62	19069	5.891	ug/l	96
43) Isopropyl Acetate	6.43	43	31881	5.367	ug/l	100
44) Trichloroethene	7.21	130	12809	6.807	ug/l	100
45) 1,2-Dichloropropane	7.51	63	12210	5.680	ug/l	95
46) Dibromomethane	7.65	93	8236	5.880	ug/l	99
47) Bromodichloromethane	7.89	83	16369	5.353	ug/l	99
48) Methyl methacrylate	7.76	41	15255	5.415	ug/l	99
49) 1,4-Dioxane	7.74	88	7182	105.084	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	99746	25.835	ug/l	98
52) Toluene	8.78	92	30867	6.660	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	16971	5.286	ug/l	93
54) cis-1,3-Dichloropropene	8.43	75	19846	5.914	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	12345	5.407	ug/l	90
56) Ethyl methacrylate	9.17	69	19475	5.393	ug/l	97
57) 1,3-Dichloropropane	9.37	76	21297	5.781	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	44877	24.292	ug/l	99
59) 2-Hexanone	9.49	43	74987	24.866	ug/l	99
60) Dibromochloromethane	9.57	129	10871	4.703	ug/l	91
61) 1,2-Dibromoethane	9.67	107	12438	5.863	ug/l	99
64) Tetrachloroethene	9.33	164	10963	7.234	ug/l	89
65) Chlorobenzene	10.14	112	32580	6.164	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	11456	5.371	ug/l	98
67) Ethyl Benzene	10.25	91	58856	6.430	ug/l	99
68) m/p-Xylenes	10.35	106	43892	13.096	ug/l	99
69) o-Xylene	10.70	106	21680	6.377	ug/l	98
70) Styrene	10.71	104	34811	5.827	ug/l	97
71) Bromoform	10.85	173	7011	4.456	ug/l #	98
73) Isopropylbenzene	11.01	105	56731	6.507	ug/l	99
74) N-amyl acetate	10.89	43	25853	5.619	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	18773	5.644	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	22099	7.076	ug/l	87
77) Bromobenzene	11.25	156	12593	6.001	ug/l	99
78) n-propylbenzene	11.35	91	61909	6.369	ug/l	99
79) 2-Chlorotoluene	11.42	91	39366	6.251	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	47200	6.369	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	5299	4.985	ug/l	87
82) 4-Chlorotoluene	11.51	91	44040	6.100	ug/l	100
83) tert-Butylbenzene	11.77	119	45001	5.772	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	45969	6.052	ug/l	99
85) sec-Butylbenzene	11.94	105	52036	6.001	ug/l	100
86) p-Isopropyltoluene	12.06	119	46473	5.844	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	22678	5.777	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	22209	5.520	ug/l	91
89) n-Butylbenzene	12.39	91	38808	5.482	ug/l	99
90) Hexachloroethane	12.59	117	7532	5.222	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	22580	5.550	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	4395	5.117	ug/l	98

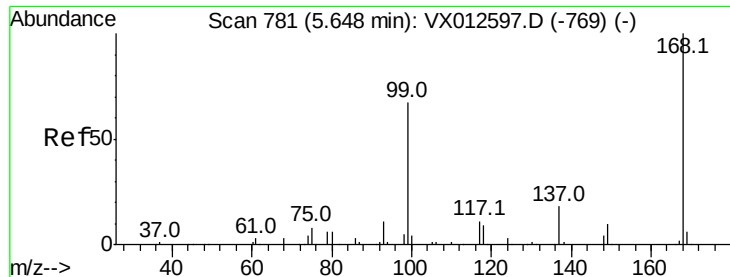
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092319\
Data File : VX012595.D
Acq On : 23 Sep 2019 10:32
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Sep 23 11:59:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 11:56:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	12974	5.024	ug/l	97
94) Hexachlorobutadiene	13.78	225	5560	4.604	ug/l	96
95) Naphthalene	13.83	128	46416	5.016	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	13292	5.046	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

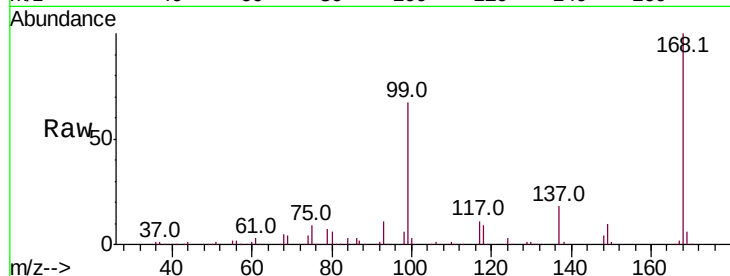
VSTDIC005

Tot Ion:168 Resp: 201610

Ion Ratio Lower Upper

168 100

99 67.1 53.3 79.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

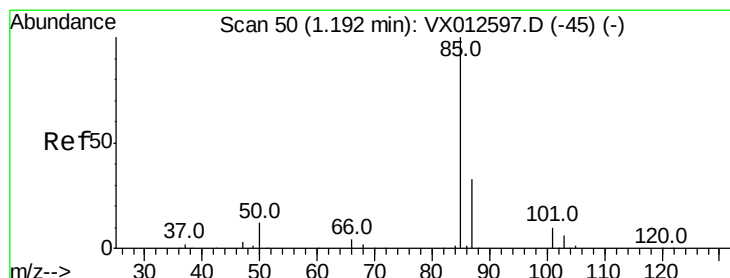
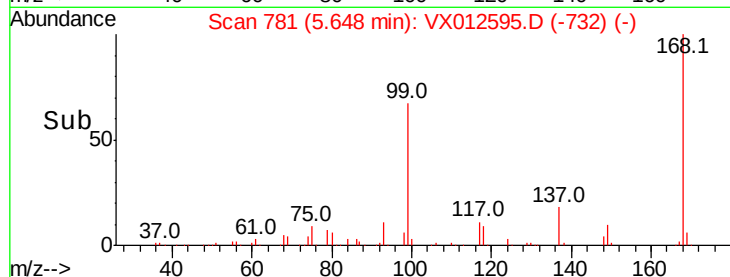
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 8.640 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX012595.D

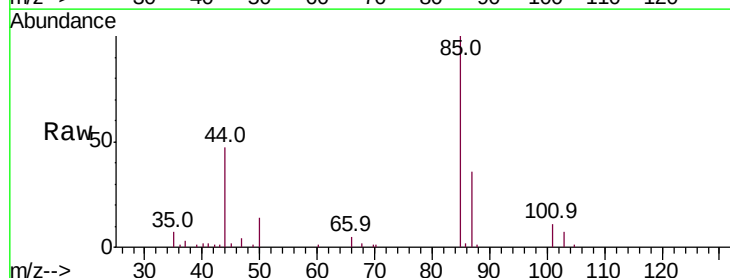
Acq: 23 Sep 2019 10:32

Tgt Ion: 85 Resp: 11574

Ion Ratio Lower Upper

85 100

87 36.2 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

12000

10000

8000

6000

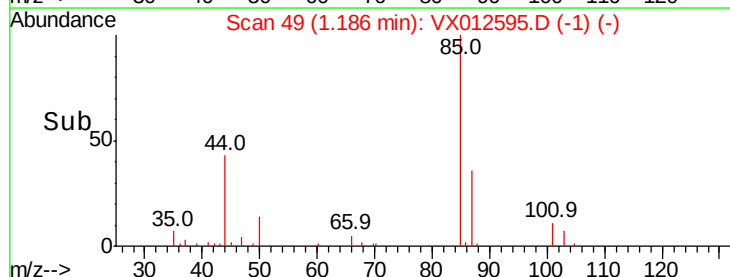
4000

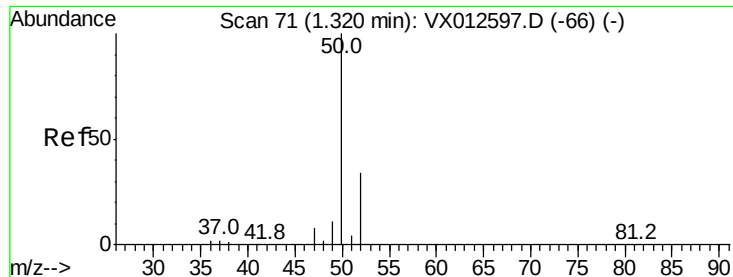
2000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 9.774 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

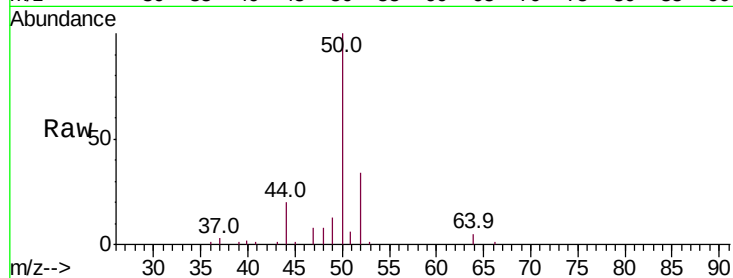
VSTDIC005

Tot Ion: 50 Resp: 12935

Ion Ratio Lower Upper

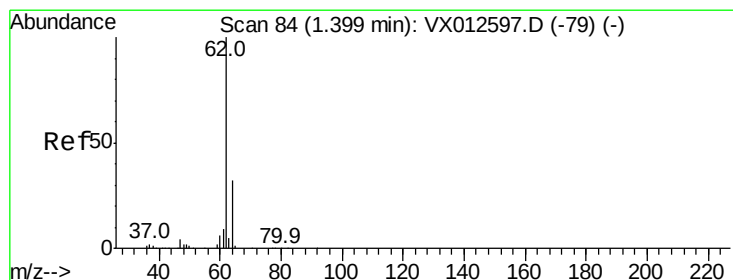
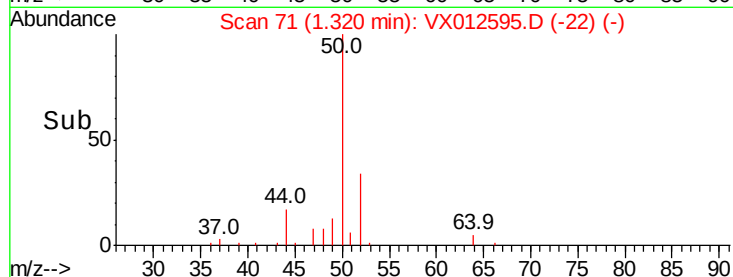
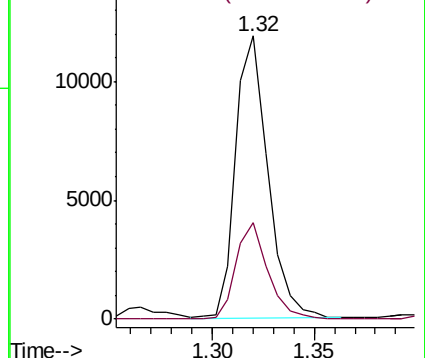
50 100

52 34.4 27.0 40.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 9.274 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012595.D

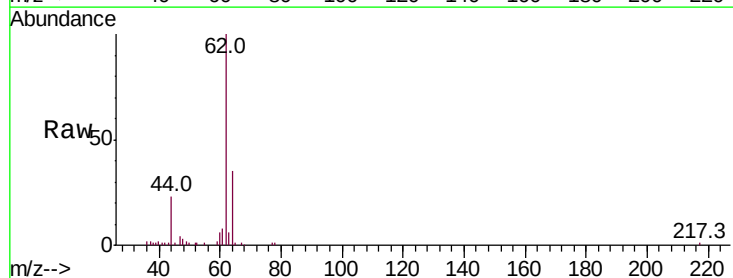
Acq: 23 Sep 2019 10:32

Tgt Ion: 62 Resp: 12961

Ion Ratio Lower Upper

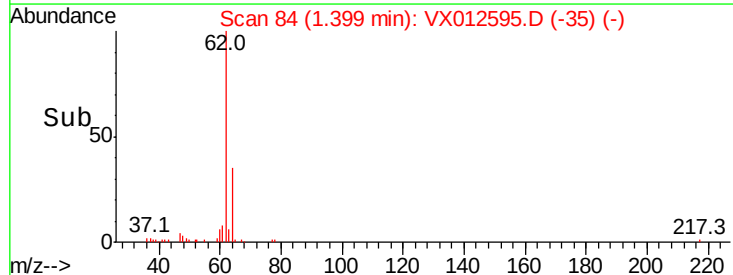
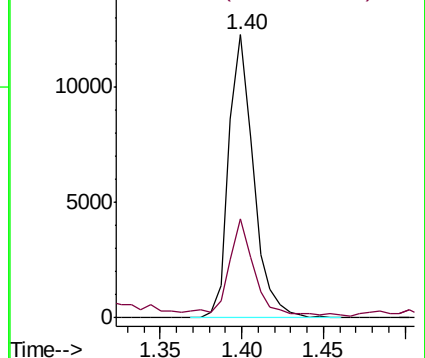
62 100

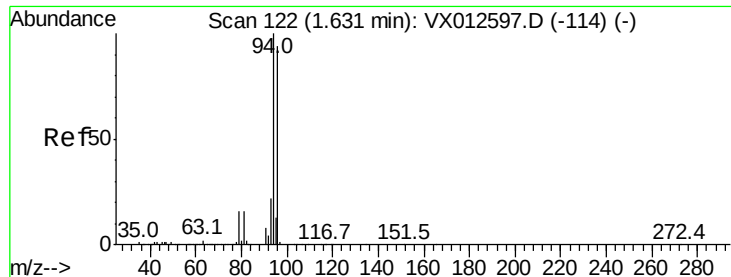
64 34.1 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 8.892 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

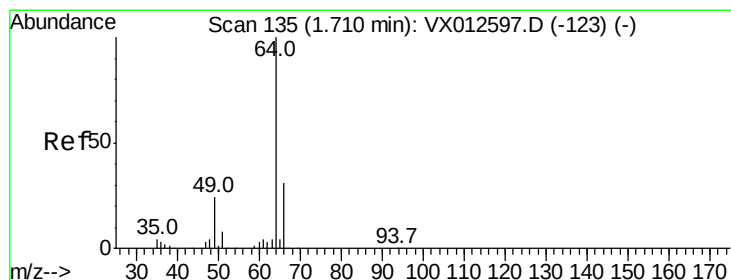
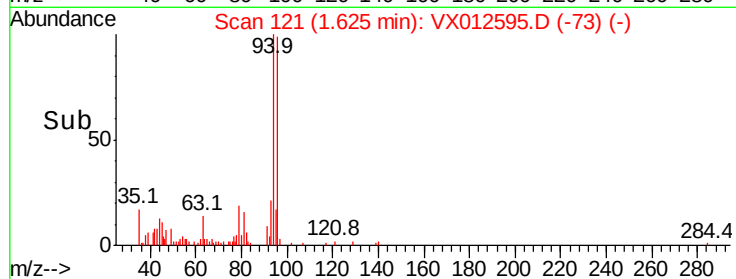
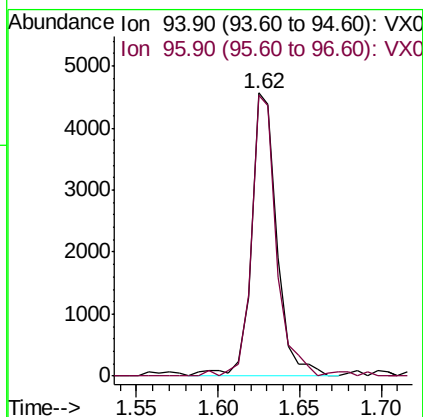
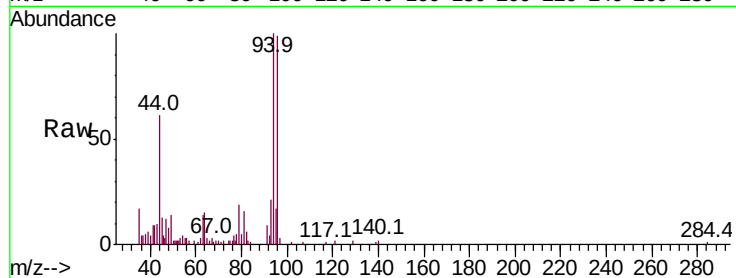
VSTDIC005

Tot Ion: 94 Resp: 4980

Ion Ratio Lower Upper

94 100

96 99.4 75.4 113.0



#6

Chloroethane

Concen: 9.550 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012595.D

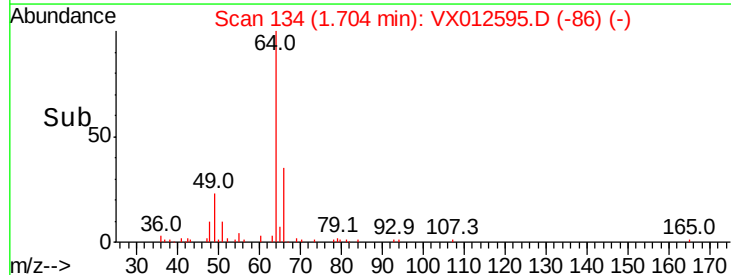
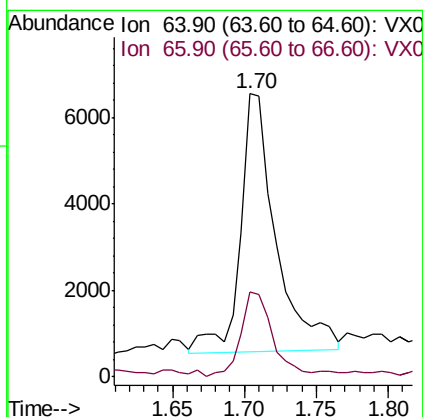
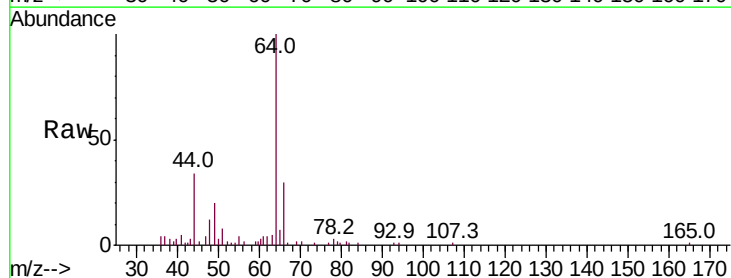
Acq: 23 Sep 2019 10:32

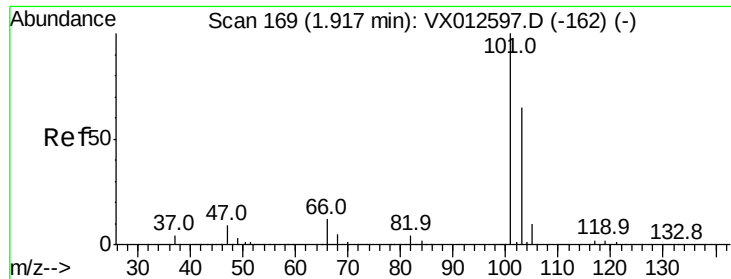
Tgt Ion: 64 Resp: 10267

Ion Ratio Lower Upper

64 100

66 31.9 24.6 37.0



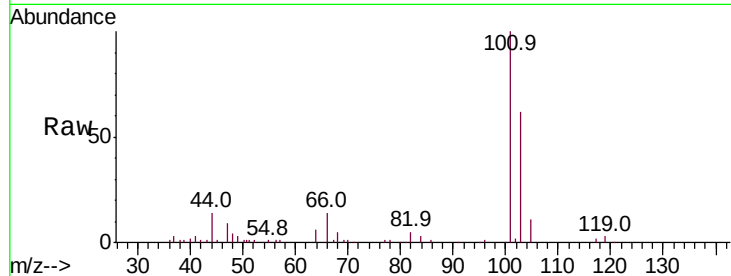


#7

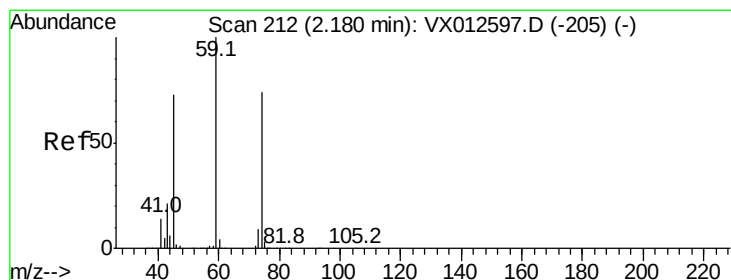
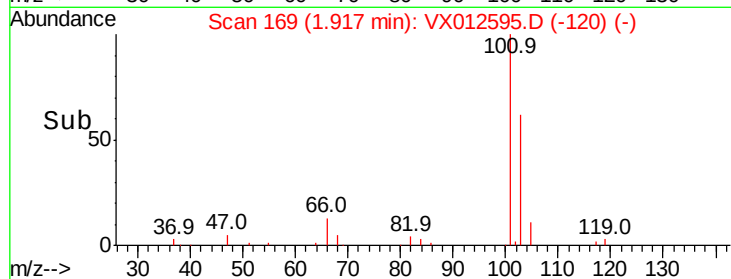
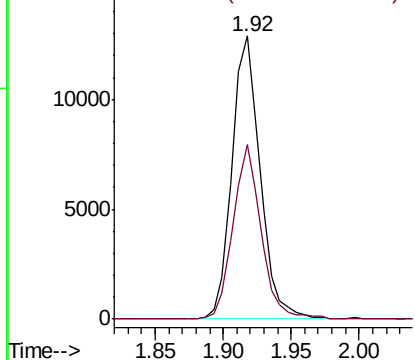
Trichlorofluoromethane
 Concen: 7.839 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012595.D
 Acq: 23 Sep 2019 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:101 Resp: 18597
 Ion Ratio Lower Upper
 101 100
 103 61.8 51.7 77.5



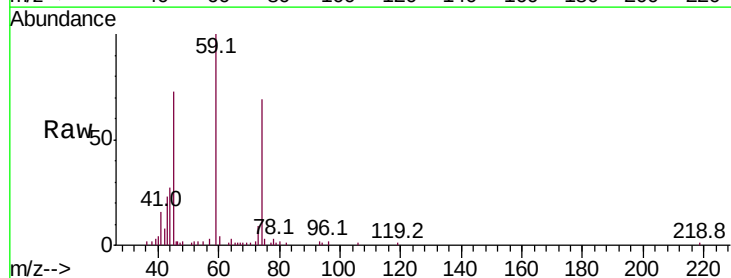
Abundance Ion 100.90 (100.60 to 101.60): V
 15000 Ion 102.80 (102.50 to 103.50): V



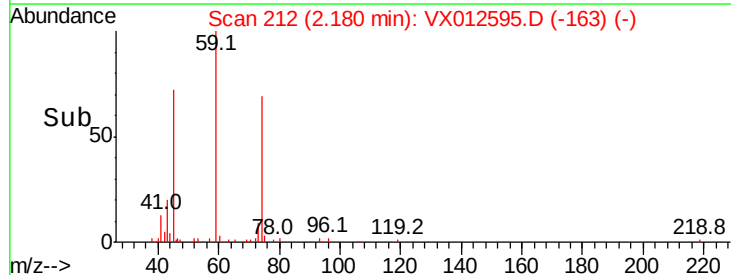
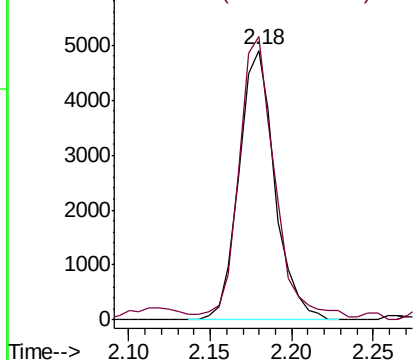
#8

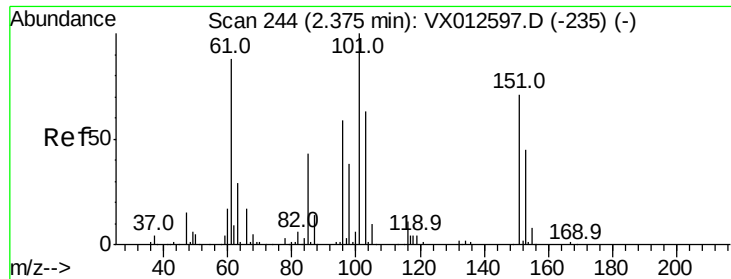
Diethyl Ether
 Concen: 7.106 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX012595.D
 Acq: 23 Sep 2019 10:32

Tgt Ion: 74 Resp: 7495
 Ion Ratio Lower Upper
 74 100
 45 106.6 50.0 149.8



Abundance Ion 74.00 (73.70 to 74.70): VX0
 6000 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.812 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

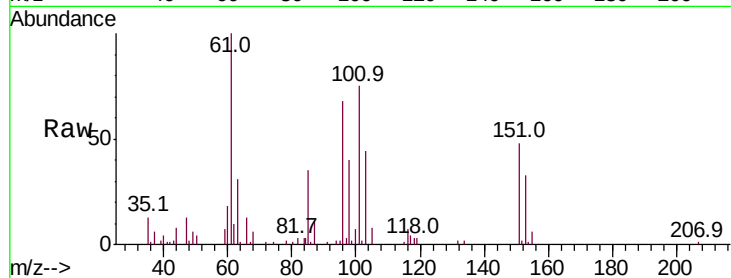
Tot Ion:101 Resp: 11369

Ion Ratio Lower Upper

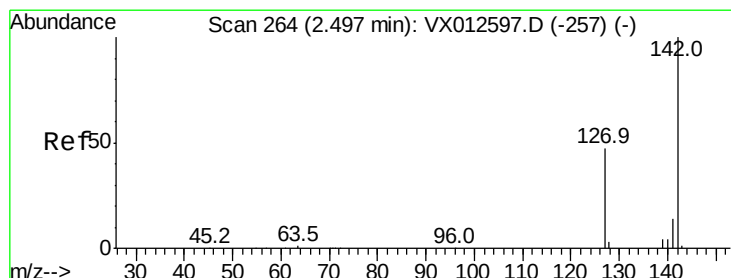
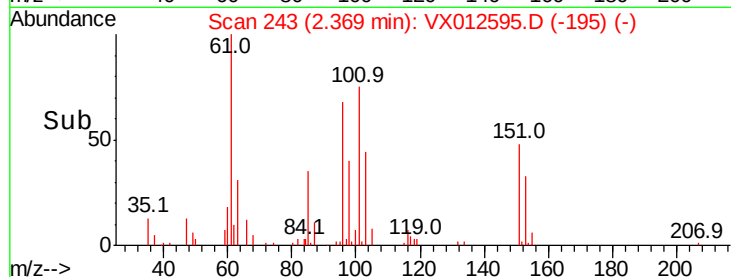
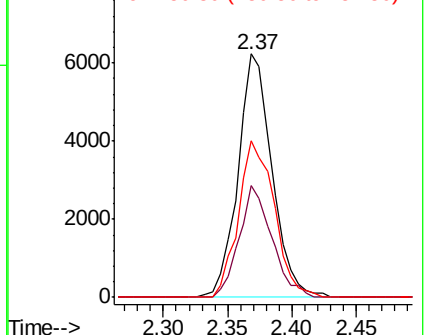
101 100

85 44.3 35.8 53.6

151 68.1 57.4 86.2



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 5.066 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

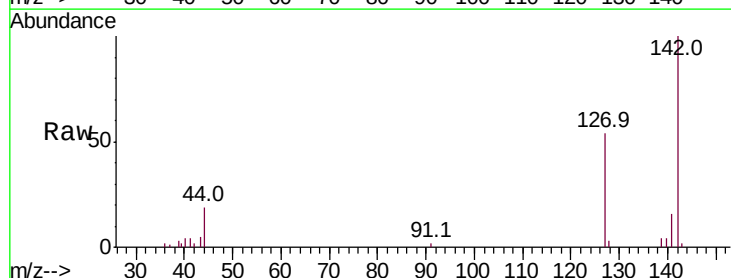
Tgt Ion:142 Resp: 6964

Ion Ratio Lower Upper

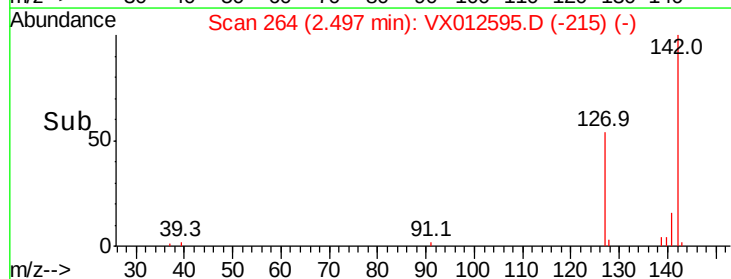
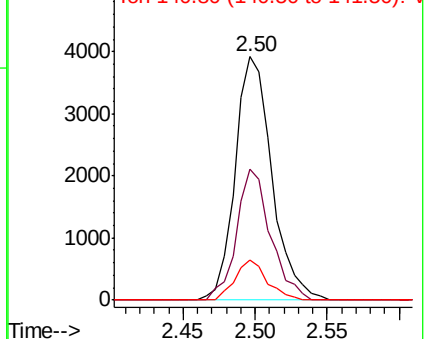
142 100

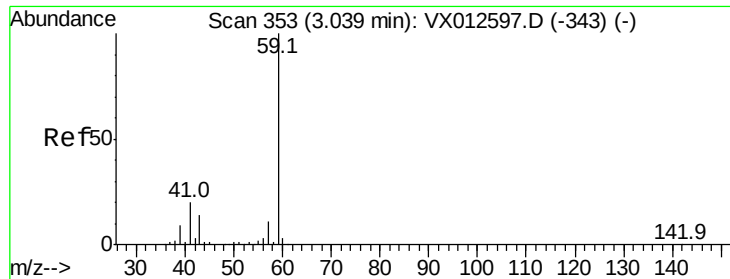
127 49.5 38.1 57.1

141 14.3 11.4 17.0



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



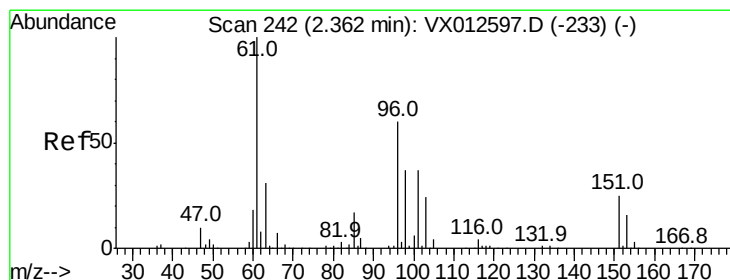
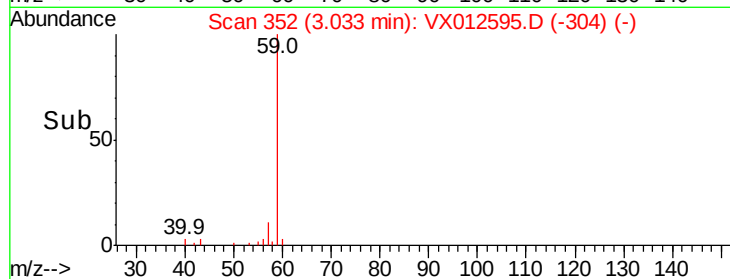
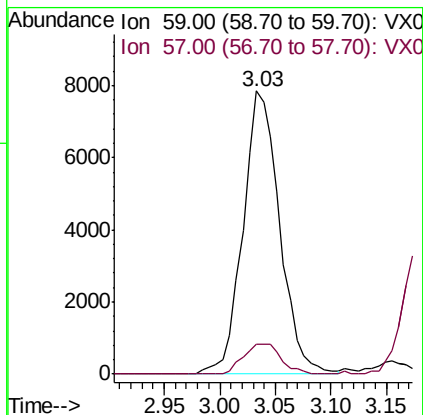
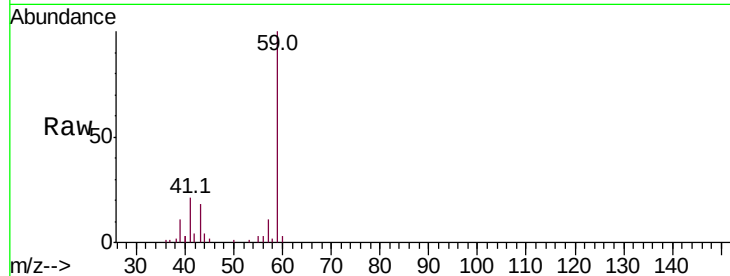


#11

Tert butyl alcohol
 Concen: 23.367 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012595.D
 Acq: 23 Sep 2019 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

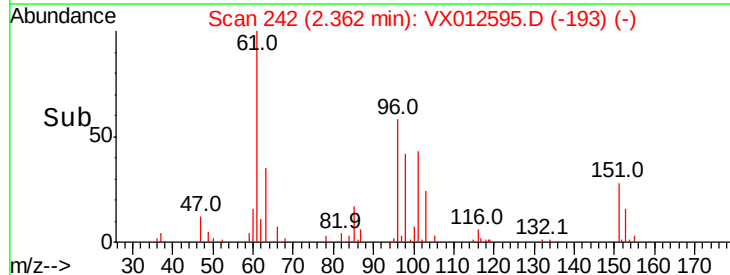
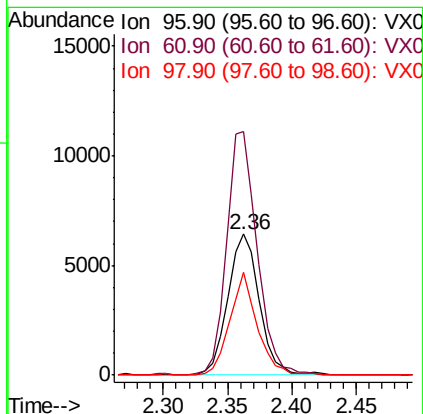
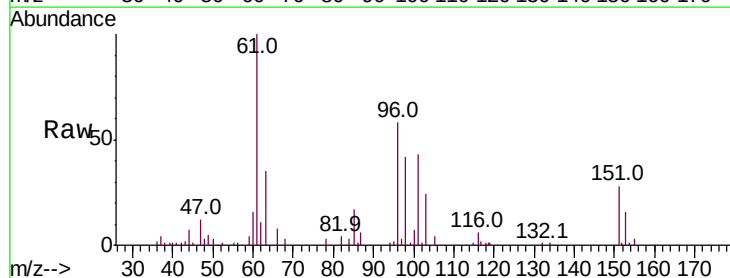
Tot Ion: 59 Resp: 17985
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.3 12.5

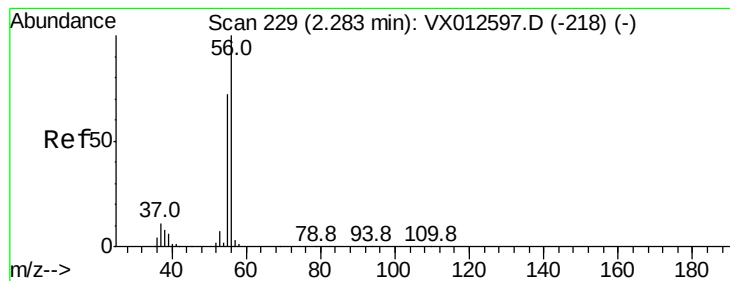


#12

1,1-Dichloroethene
 Concen: 7.843 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX012595.D
 Acq: 23 Sep 2019 10:32

Tgt Ion: 96 Resp: 11012
 Ion Ratio Lower Upper
 96 100
 61 172.6 133.4 200.0
 98 72.5 48.8 73.2





#13

Acrolein

Concen: 22.425 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

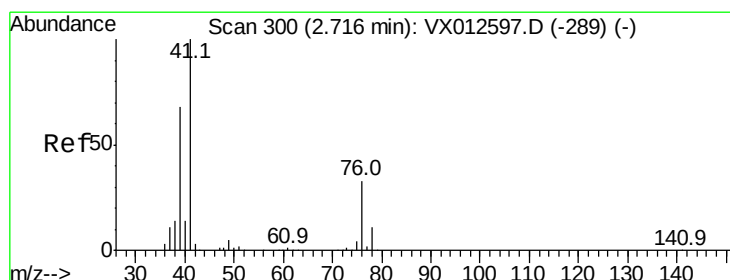
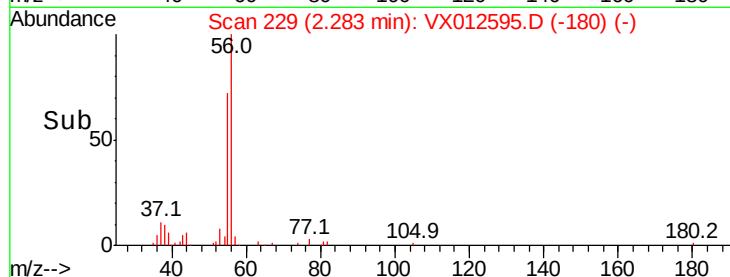
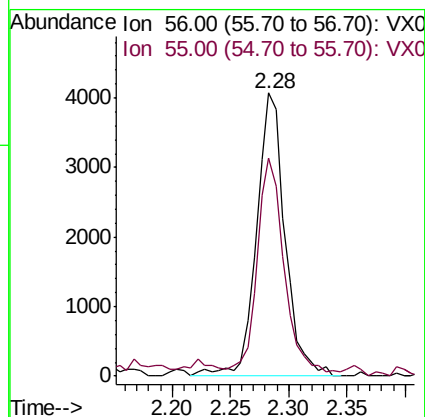
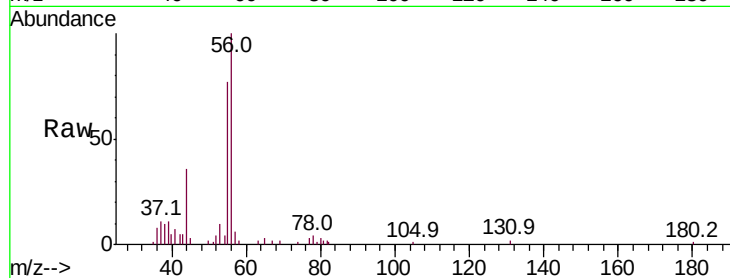
VSTDIC005

Tot Ion: 56 Resp: 6970

Ion Ratio Lower Upper

56 100

55 70.7 56.2 84.4



#14

Allyl chloride

Concen: 6.739 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

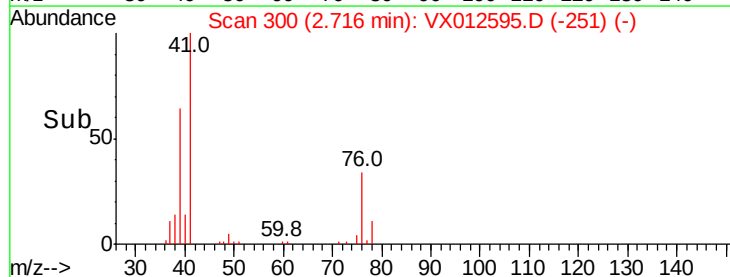
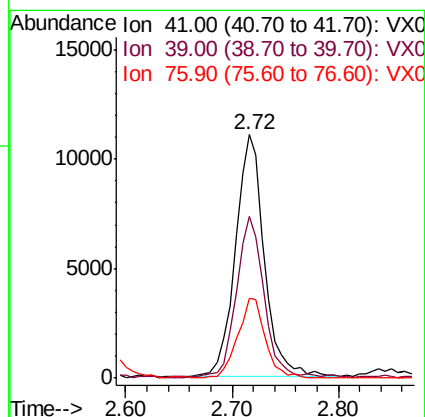
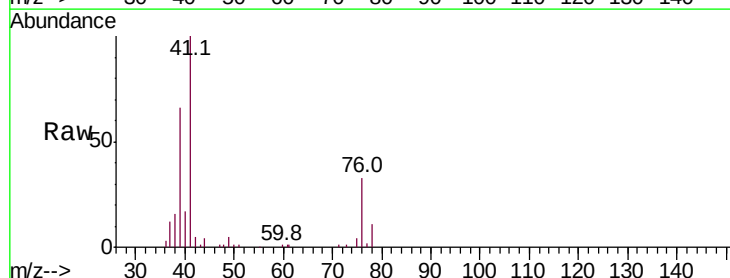
Tgt Ion: 41 Resp: 21076

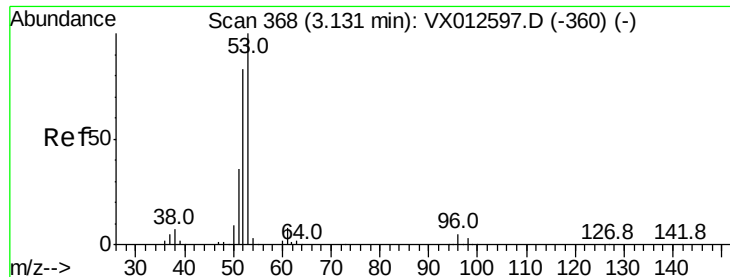
Ion Ratio Lower Upper

41 100

39 64.4 52.1 78.1

76 31.2 25.0 37.6





#15

Acrylonitrile

Concen: 28.045 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

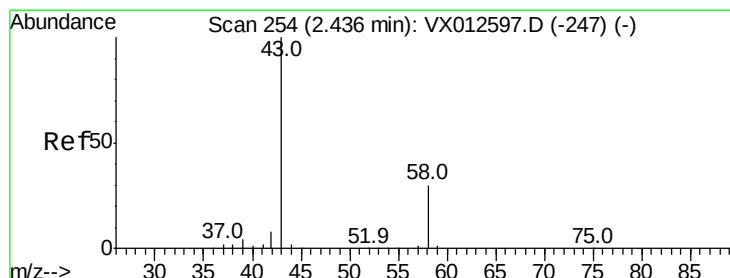
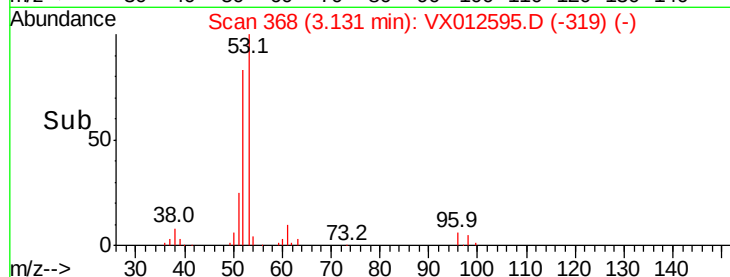
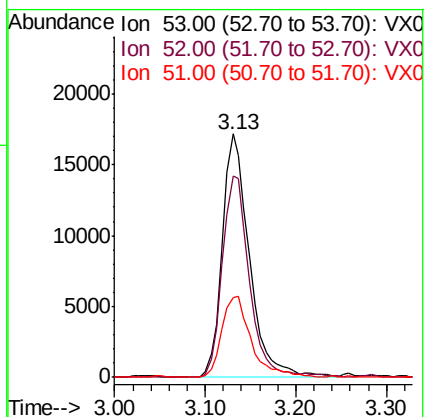
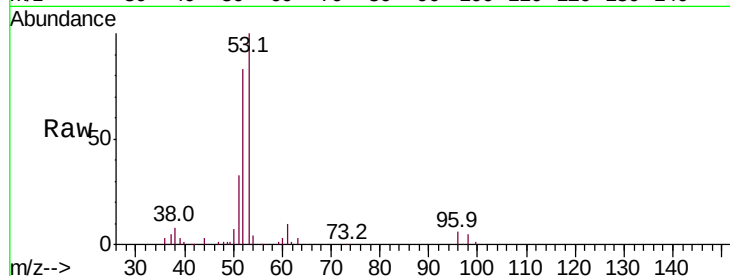
Tot Ion: 53 Resp: 35844

Ion Ratio Lower Upper

53 100

52 82.8 66.1 99.1

51 36.1 29.2 43.8



#16

Acetone

Concen: 25.465 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX012595.D

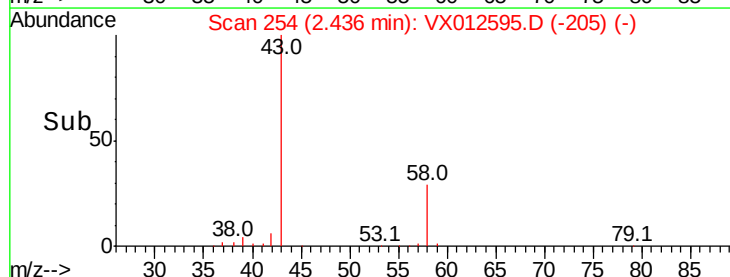
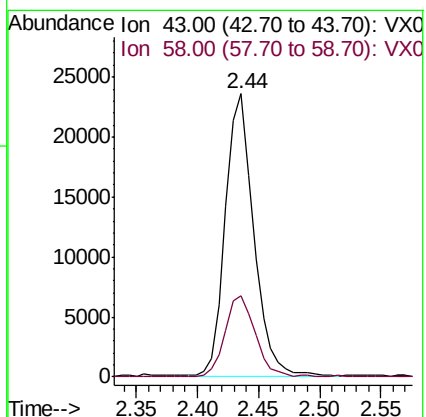
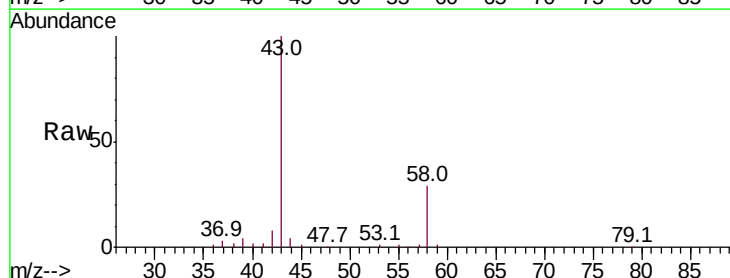
Acq: 23 Sep 2019 10:32

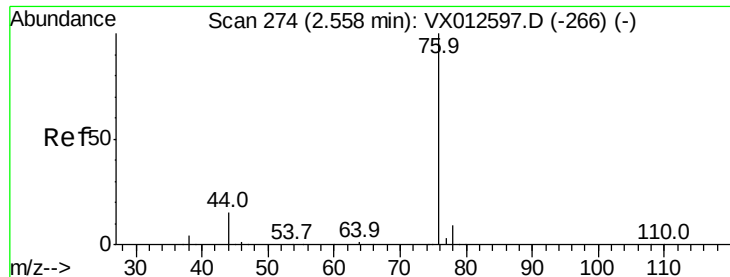
Tgt Ion: 43 Resp: 37810

Ion Ratio Lower Upper

43 100

58 28.7 24.3 36.5





#17

Carbon Disulfide

Concen: 12.840 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

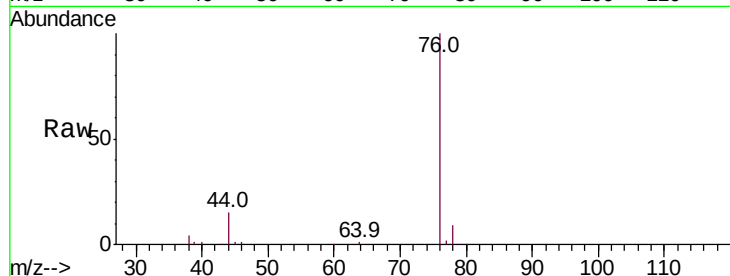
VSTDIC005

Tot Ion: 76 Resp: 28762

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

15000

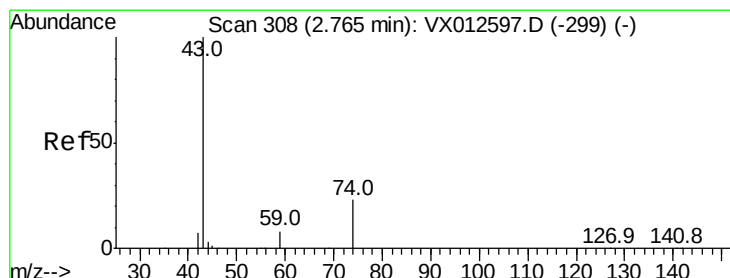
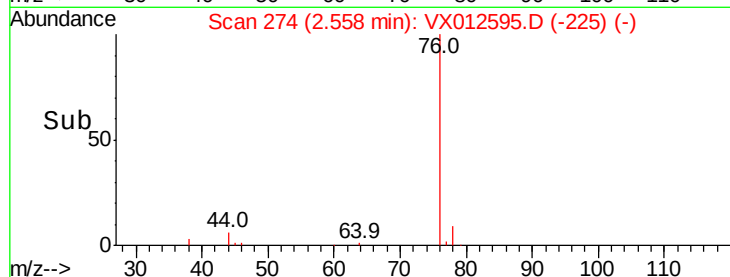
10000

5000

0

Time-->

2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 5.879 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX012595.D

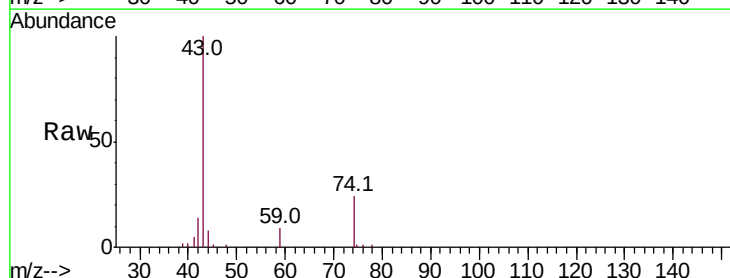
Acq: 23 Sep 2019 10:32

Tgt Ion: 43 Resp: 18050

Ion Ratio Lower Upper

43 100

74 22.1 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

10000

8000

6000

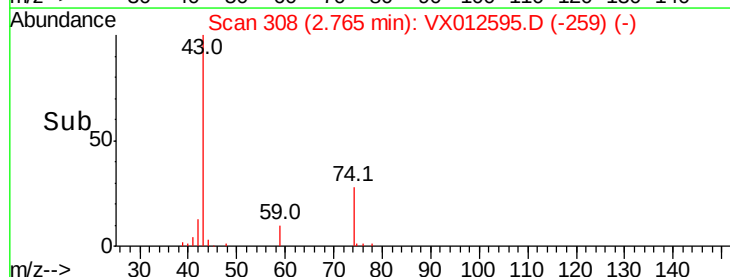
4000

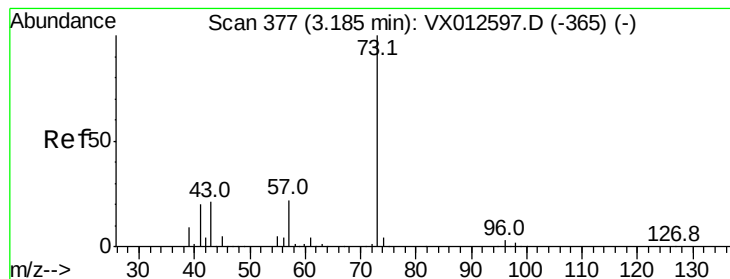
2000

0

Time-->

2.70 2.80 2.90



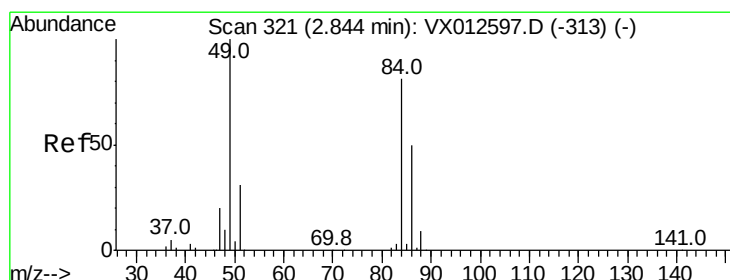
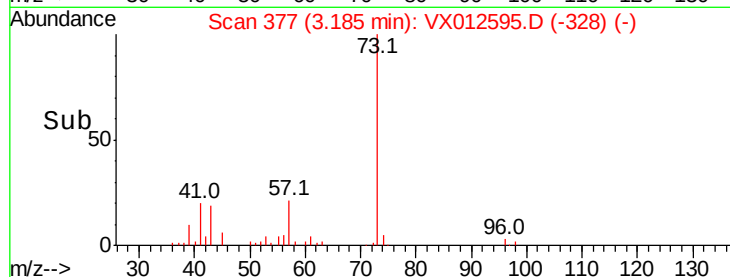
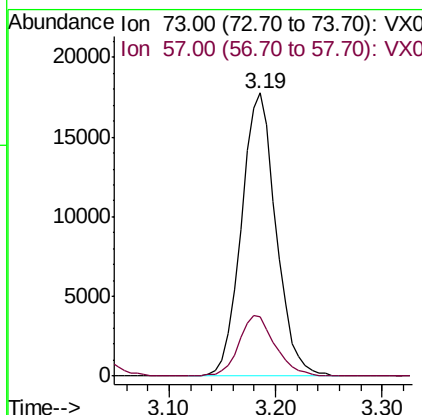
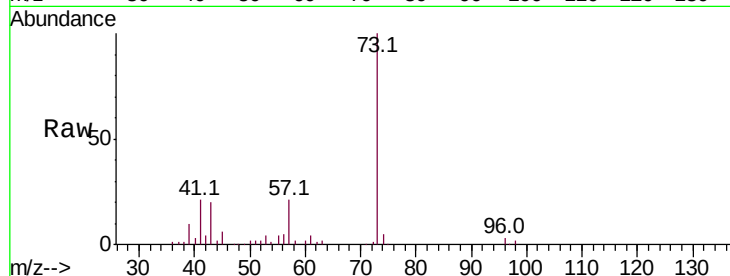


#19

Methyl tert-butyl Ether
 Concen: 5.738 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX012595.D
 Acq: 23 Sep 2019 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

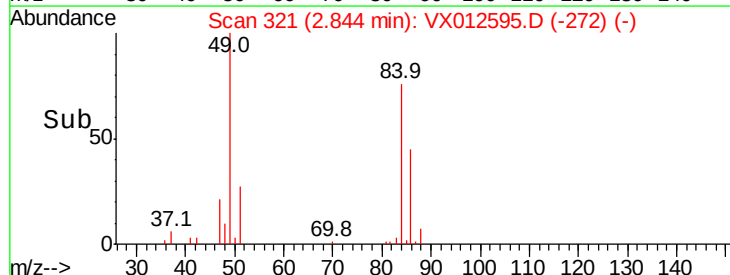
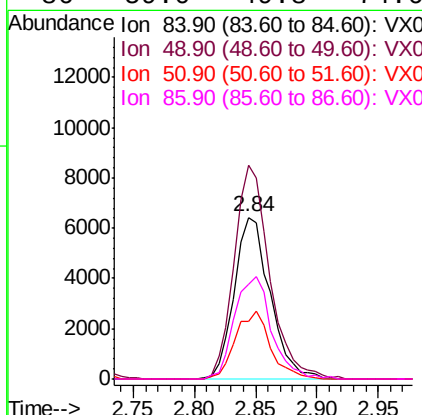
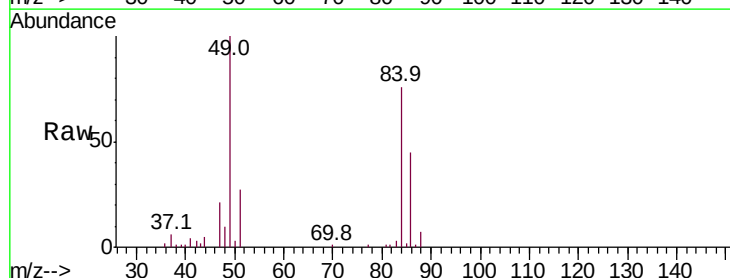
Tot Ion: 73 Resp: 40503
 Ion Ratio Lower Upper
 73 100
 57 21.0 17.5 26.3

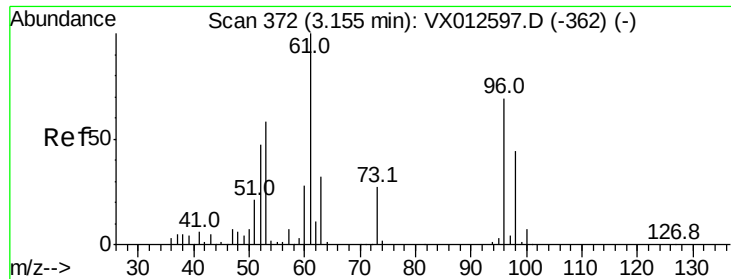


#20

Methylene Chloride
 Concen: 6.990 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.00 min
 Lab File: VX012595.D
 Acq: 23 Sep 2019 10:32

Tgt Ion: 84 Resp: 13051
 Ion Ratio Lower Upper
 84 100
 49 132.0 99.3 148.9
 51 35.6 30.4 45.6
 86 59.0 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 8.141 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

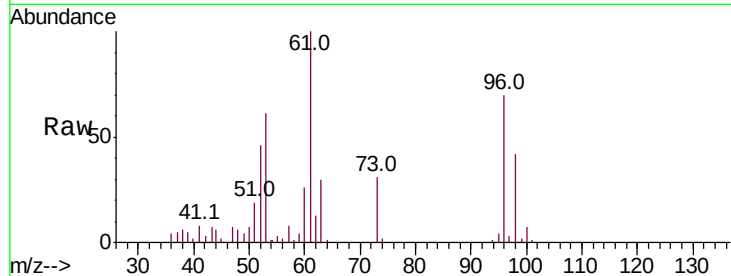
Tot Ion: 96 Resp: 11965

Ion Ratio Lower Upper

96 100

61 142.6 115.7 173.5

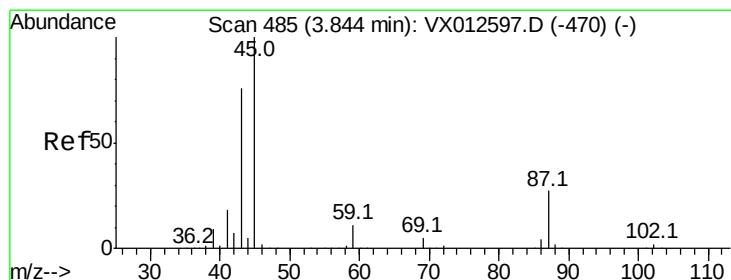
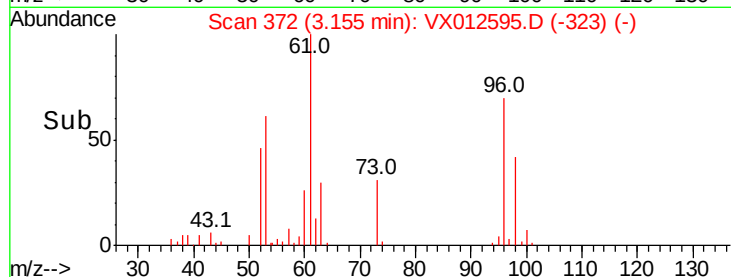
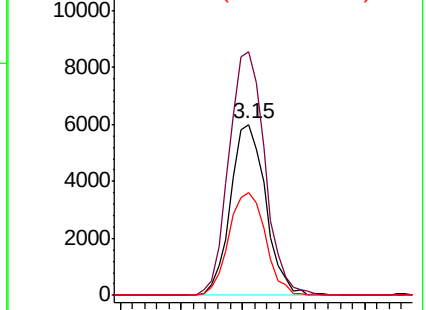
98 60.3 50.6 75.8



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: 5.762 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

Tgt Ion: 45 Resp: 40691

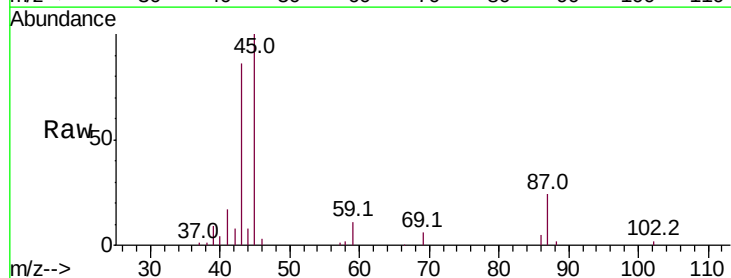
Ion Ratio Lower Upper

45 100

43 83.6 60.8 91.2

87 24.4 21.9 32.9

59 11.1 8.6 12.8

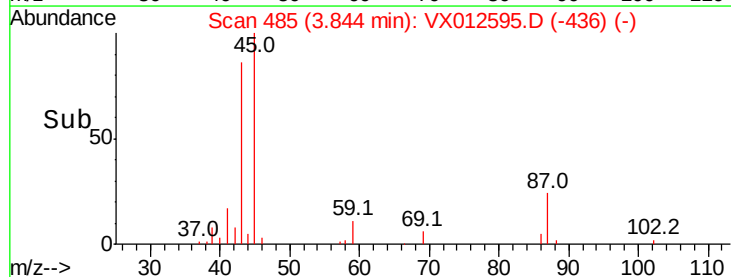
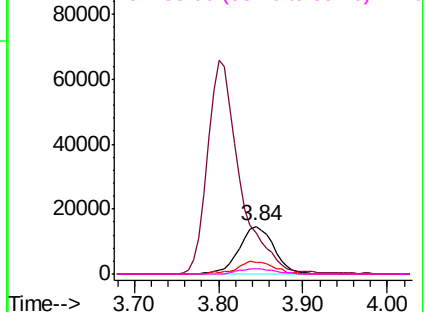


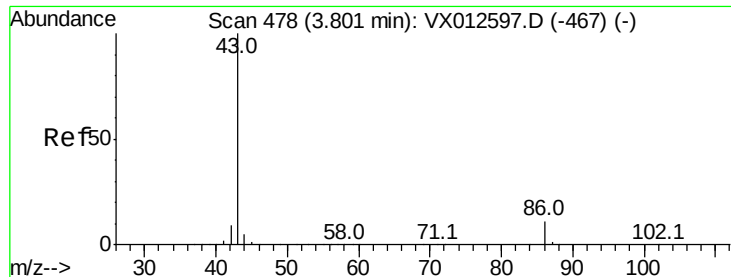
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 29.831 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

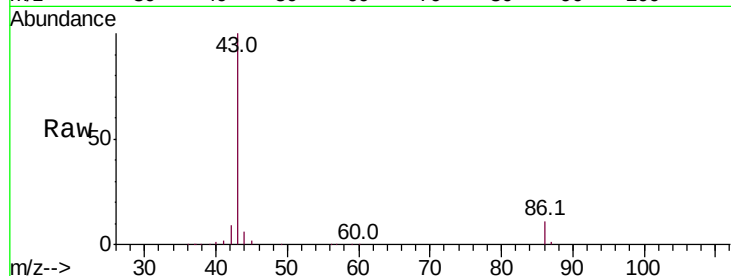
VSTDIC005

Tot Ion: 43 Resp: 175132

Ion Ratio Lower Upper

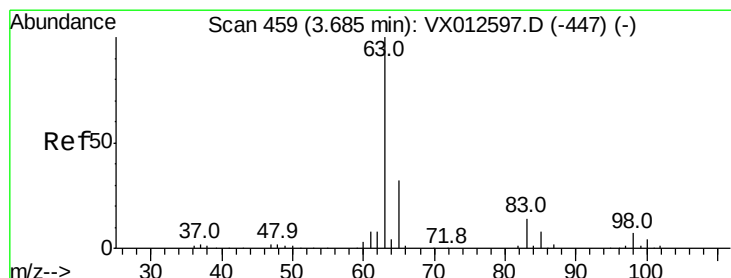
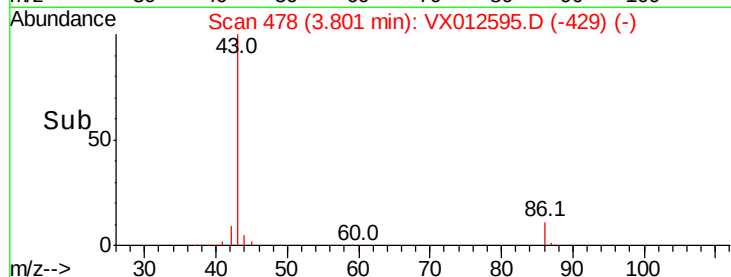
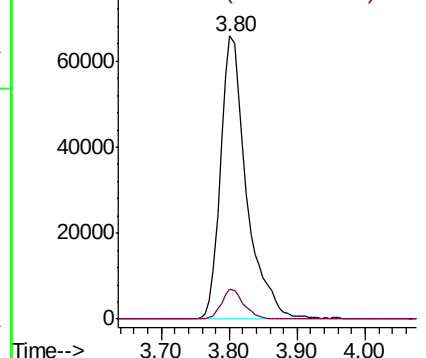
43 100

86 10.6 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 6.454 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

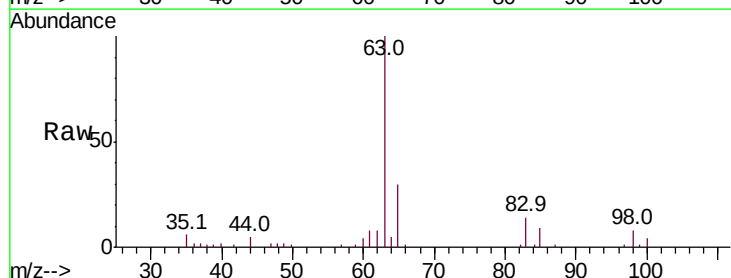
Tgt Ion: 63 Resp: 22323

Ion Ratio Lower Upper

63 100

98 8.2 3.5 10.4

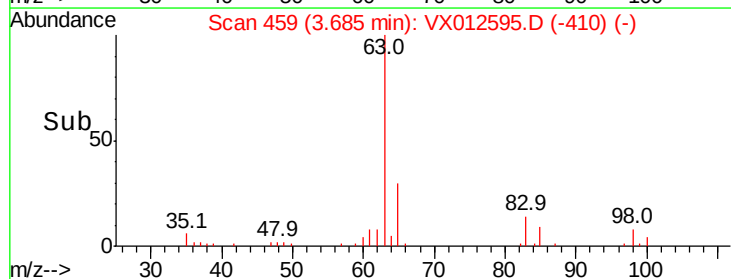
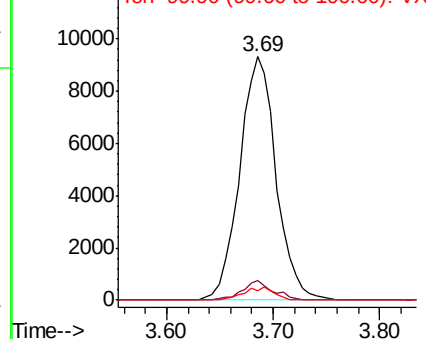
100 3.8 2.0 6.0

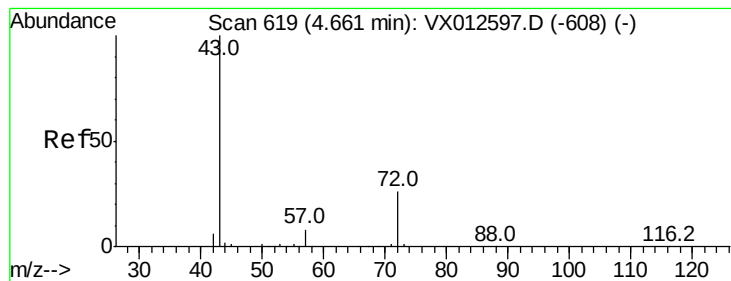


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 26.938 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

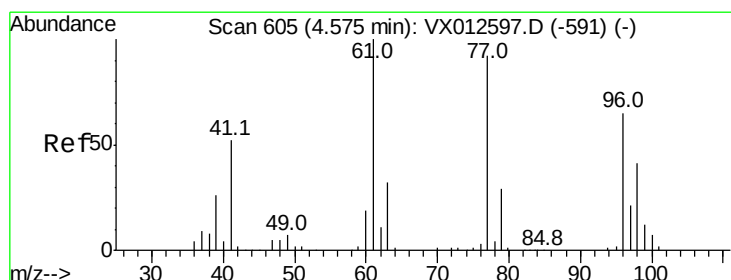
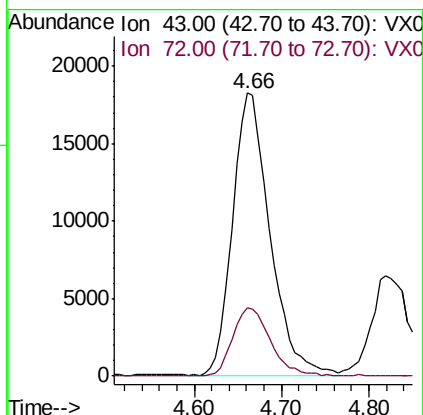
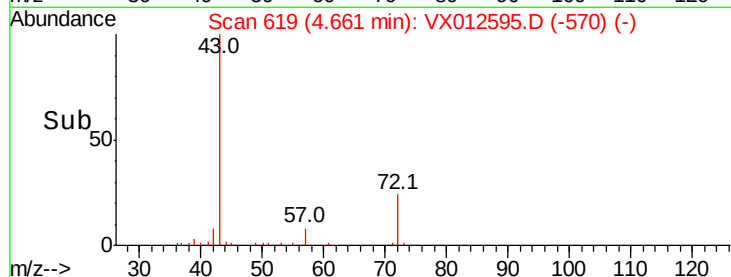
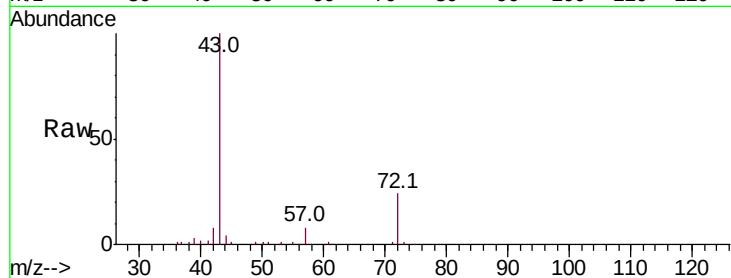
VSTDIC005

Tot Ion: 43 Resp: 54665

Ion Ratio Lower Upper

43 100

72 24.2 21.2 31.8



#26

2,2-Dichloropropane

Concen: 5.777 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX012595.D

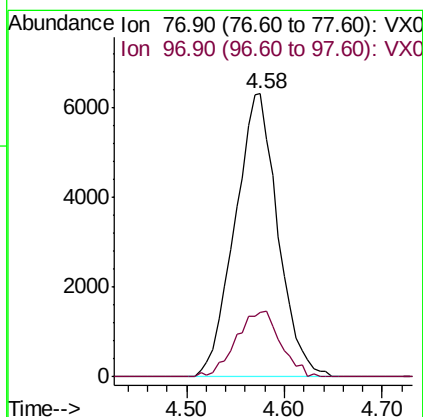
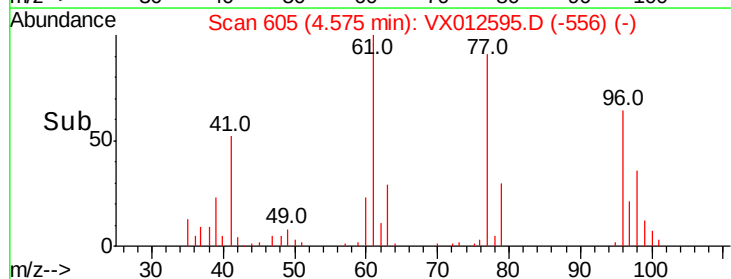
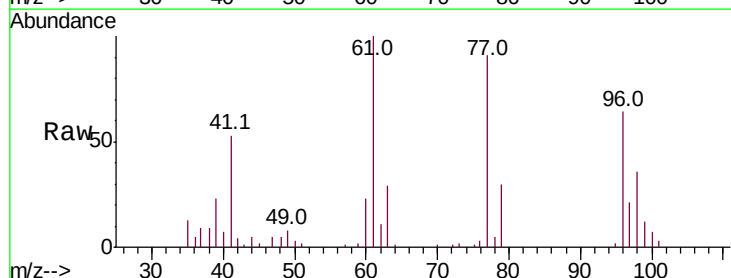
Acq: 23 Sep 2019 10:32

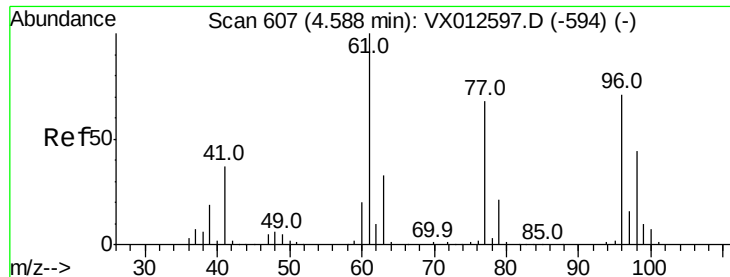
Tgt Ion: 77 Resp: 19295

Ion Ratio Lower Upper

77 100

97 24.0 10.9 32.9

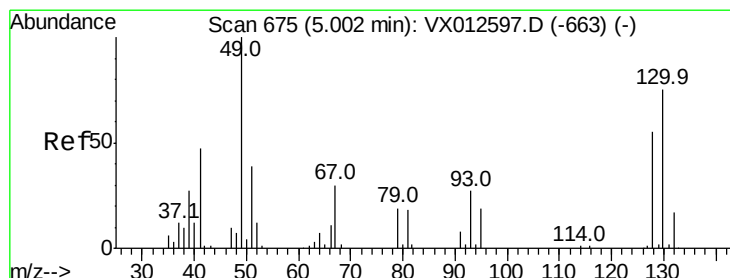
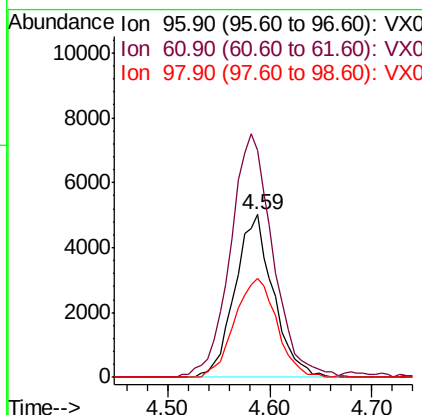
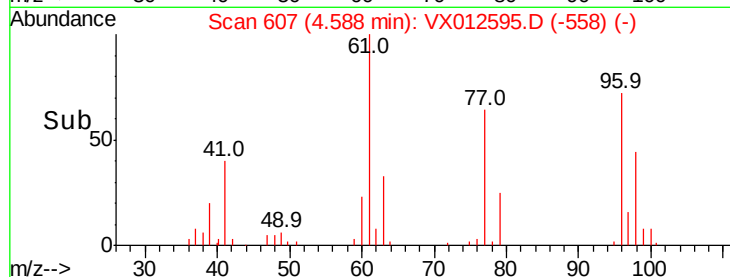
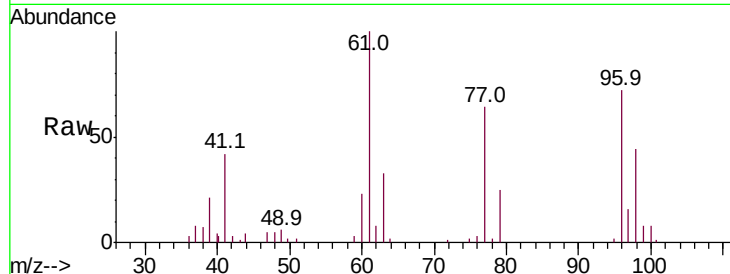




#27
 cis-1,2-Dichloroethene
 Concen: 6.294 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VX012595.D
 Acq: 23 Sep 2019 10:32

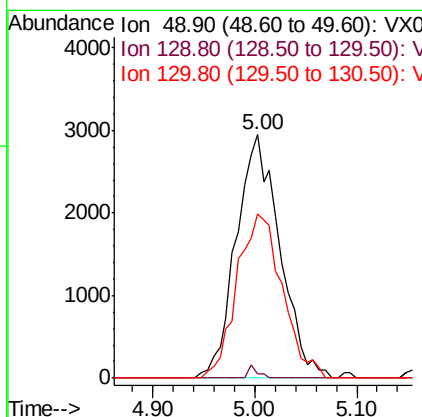
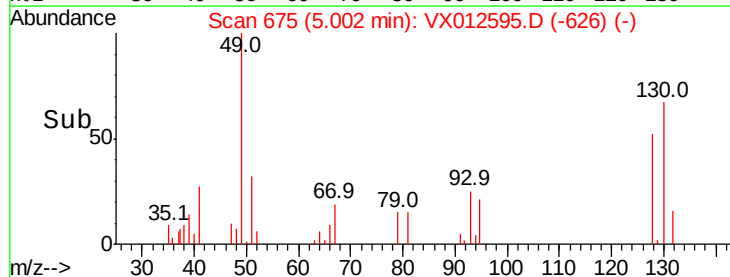
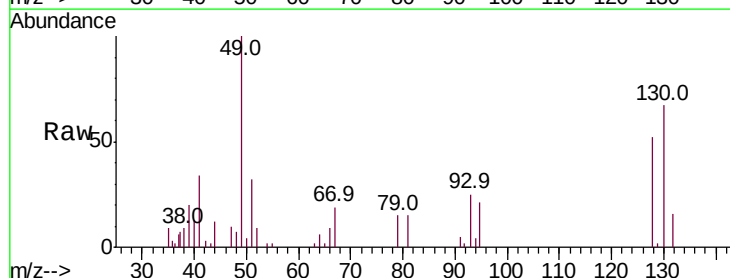
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

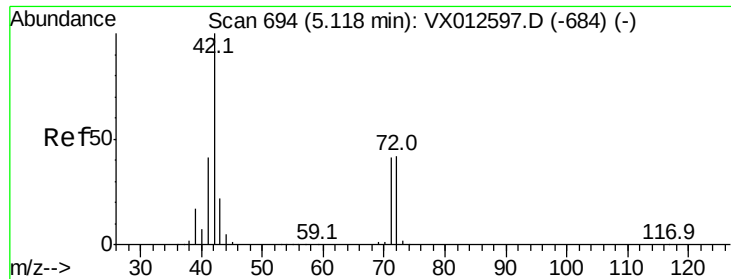
Tot Ion: 96 Resp: 13073
 Ion Ratio Lower Upper
 96 100
 61 165.6 0.0 303.8
 98 67.0 0.0 127.6



#28
 Bromochloromethane
 Concen: 5.140 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VX012595.D
 Acq: 23 Sep 2019 10:32

Tgt Ion: 49 Resp: 8729
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.0
 130 70.2 57.0 85.6





#29

Tetrahydrofuran

Concen: 29.116 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

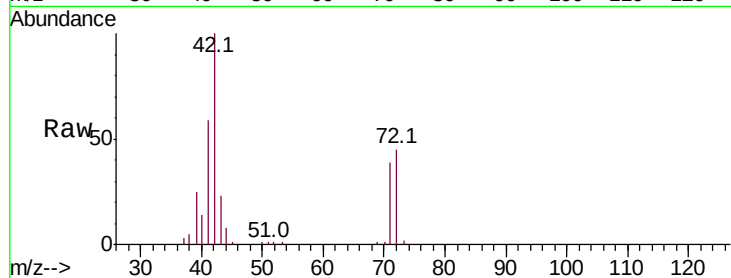
Tot Ion: 42 Resp: 33042

Ion Ratio Lower Upper

42 100

72 44.9 34.6 51.8

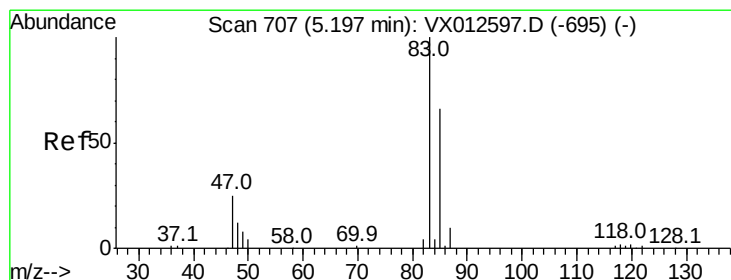
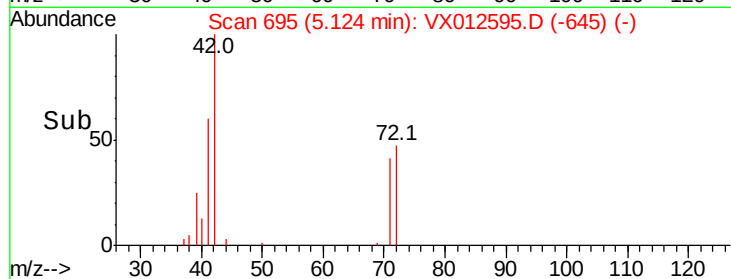
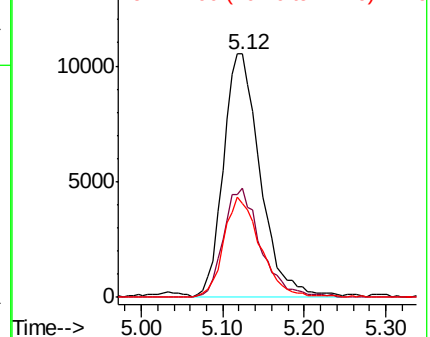
71 40.6 32.6 48.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 5.971 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX012595.D

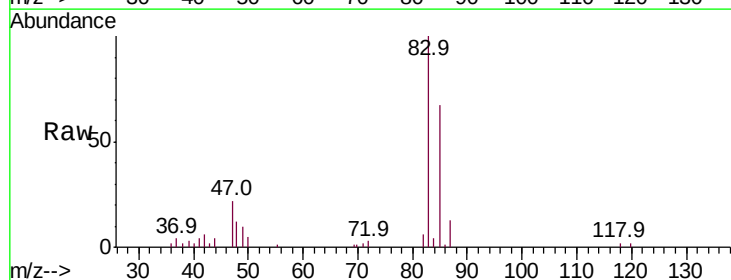
Acq: 23 Sep 2019 10:32

Tgt Ion: 83 Resp: 23207

Ion Ratio Lower Upper

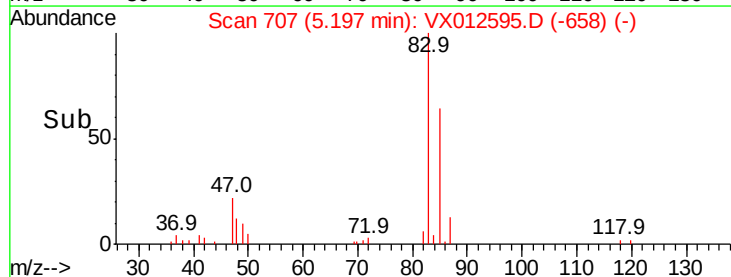
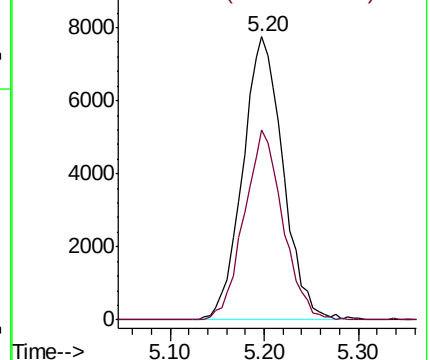
83 100

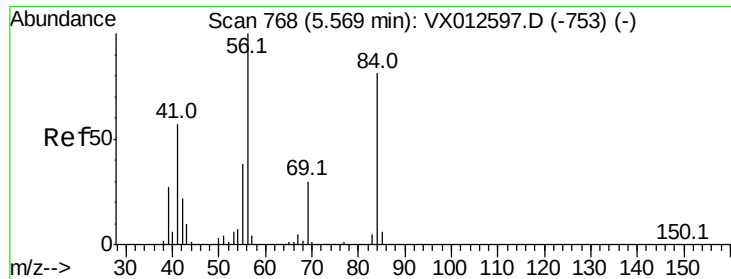
85 67.3 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

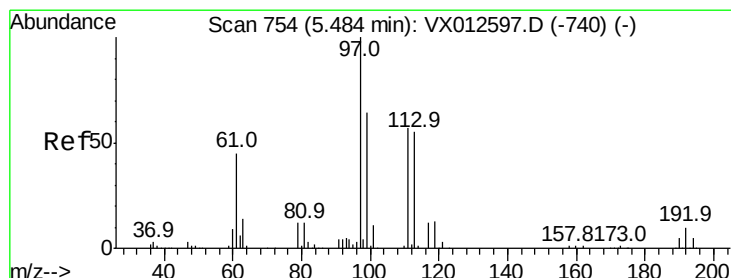
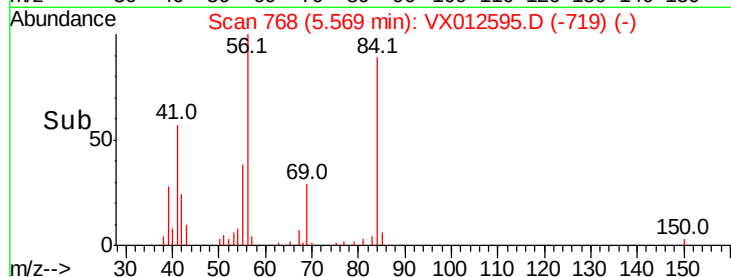
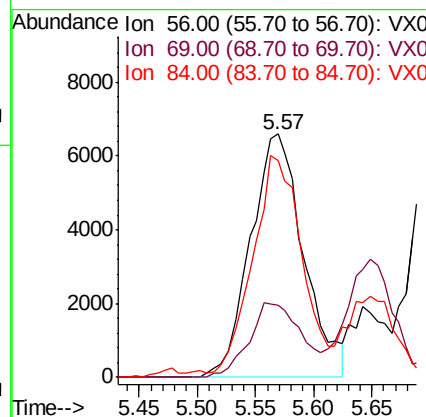
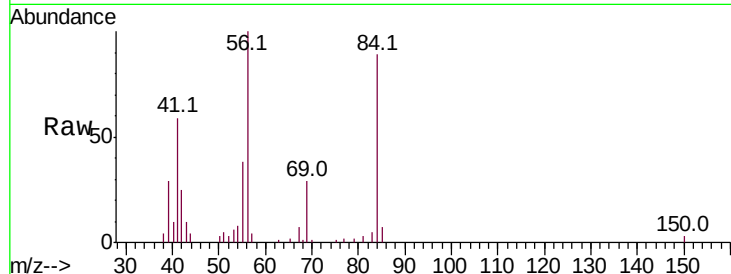




#31
Cyclohexane
Concen: 8.865 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX012595.D
Acq: 23 Sep 2019 10:32

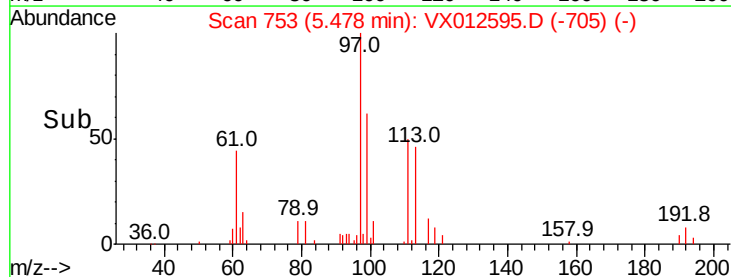
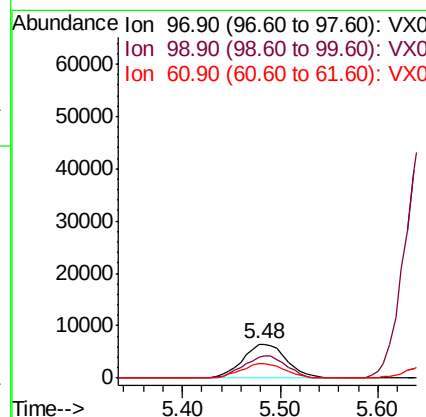
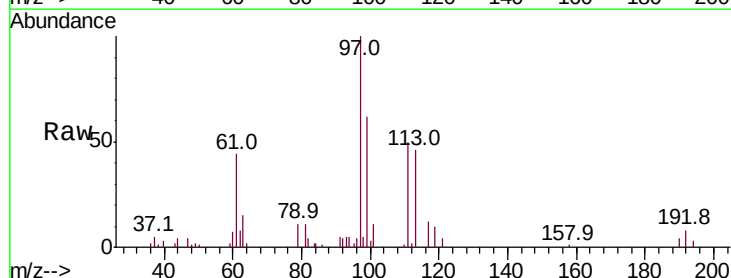
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

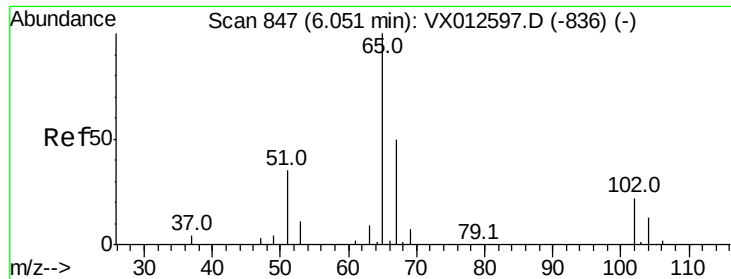
Tot Ion	Ratio	Lower	Upper
56	100		
69	29.5	24.3	36.5
84	87.1	65.0	97.6



#32
1,1,1-Trichloroethane
Concen: 6.174 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX012595.D
Acq: 23 Sep 2019 10:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.3	76.9
61	42.9	35.5	53.3

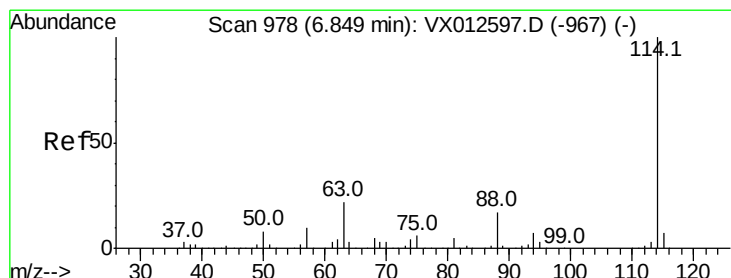
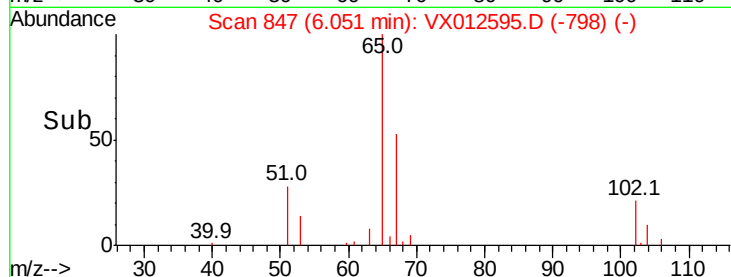
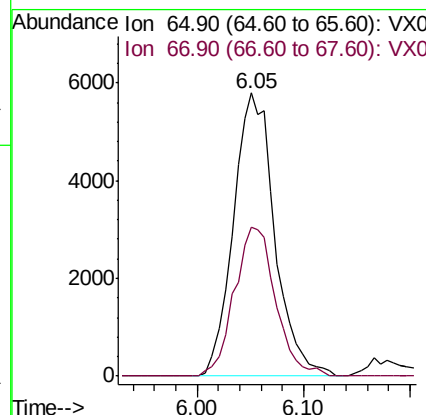
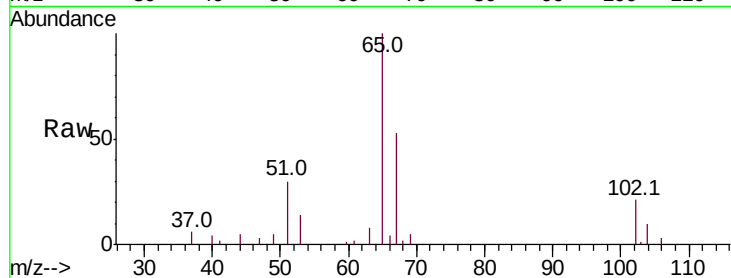




#33
 1,2-Dichloroethane-d4
 Concen: 5.365 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012595.D
 Acq: 23 Sep 2019 10:32

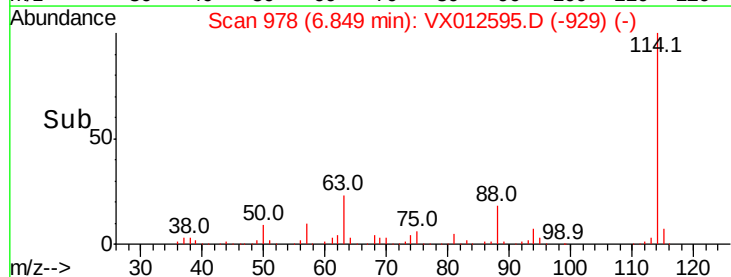
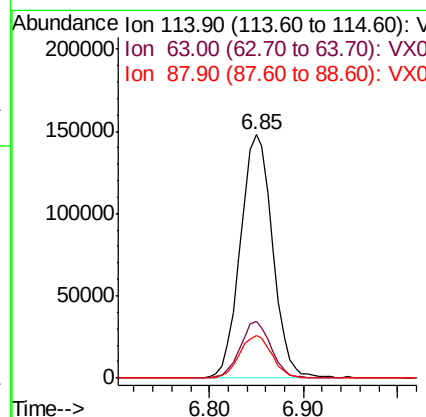
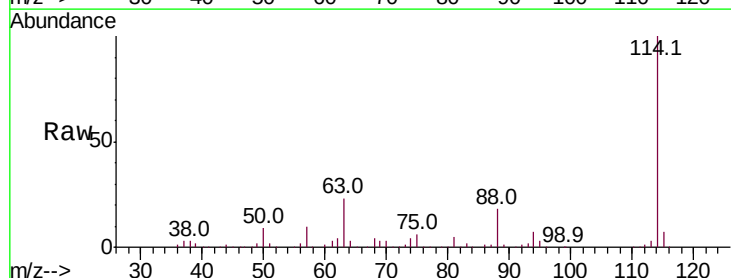
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

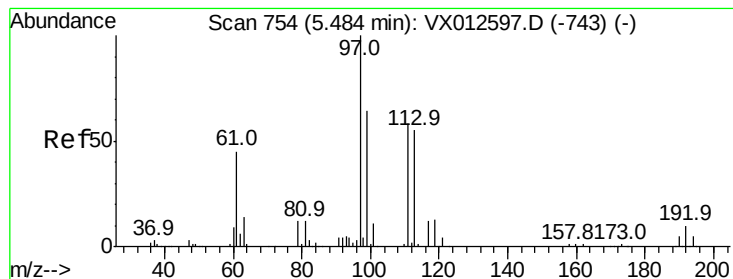
Tot Ion: 65 Resp: 15680
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012595.D
 Acq: 23 Sep 2019 10:32

Tgt Ion:114 Resp: 354139
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 44.4
 88 17.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 4.791 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

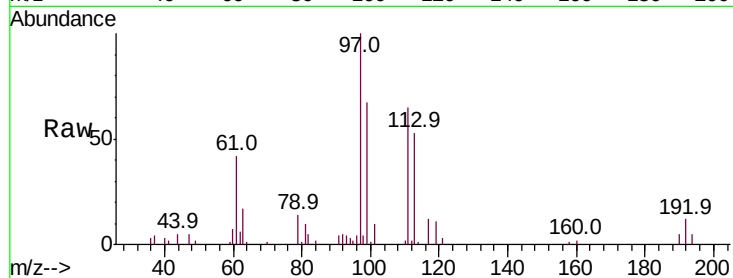
Tot Ion:113 Resp: 10303

Ion Ratio Lower Upper

113 100

111 108.7 81.8 122.6

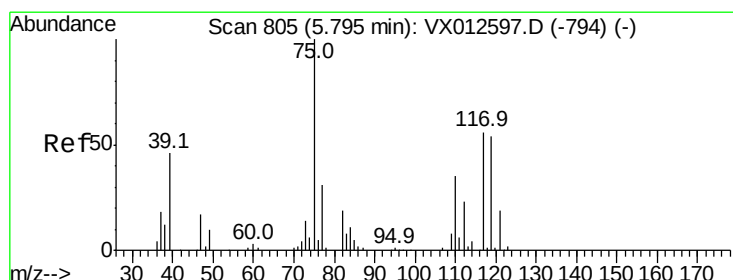
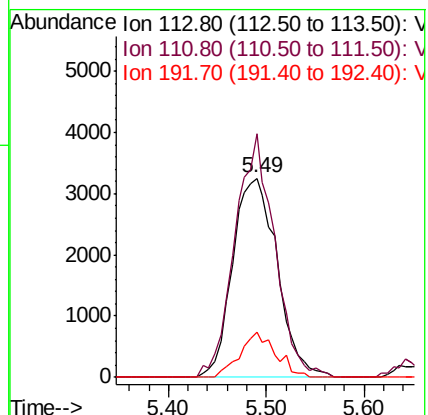
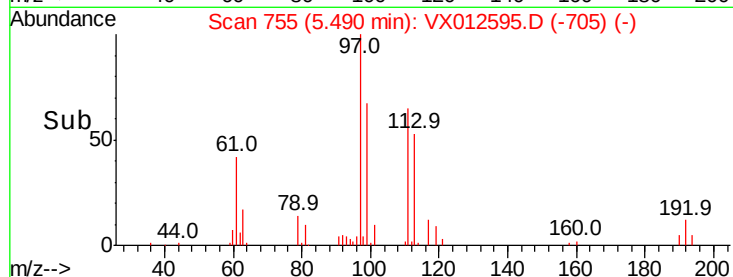
192 18.0 14.5 21.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 7.223 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

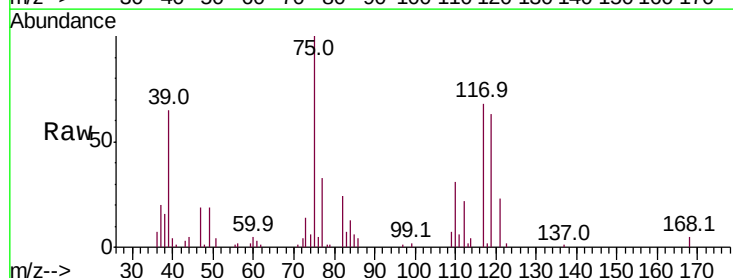
Tgt Ion: 75 Resp: 16627

Ion Ratio Lower Upper

75 100

110 34.1 17.6 52.8

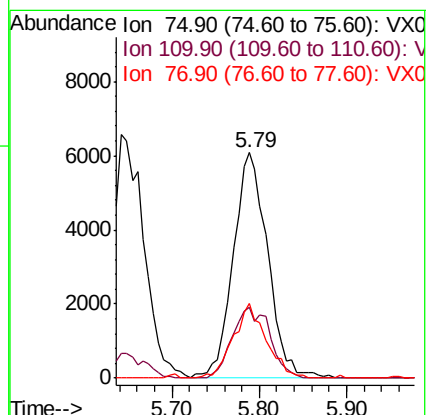
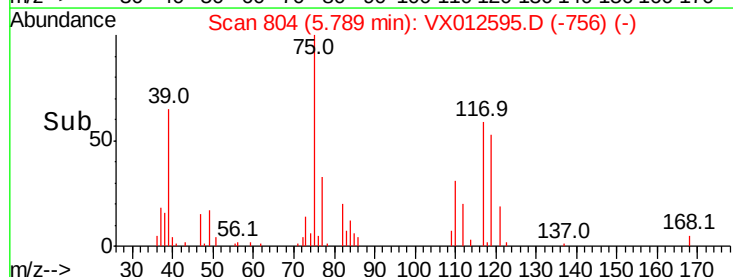
77 31.7 25.1 37.7

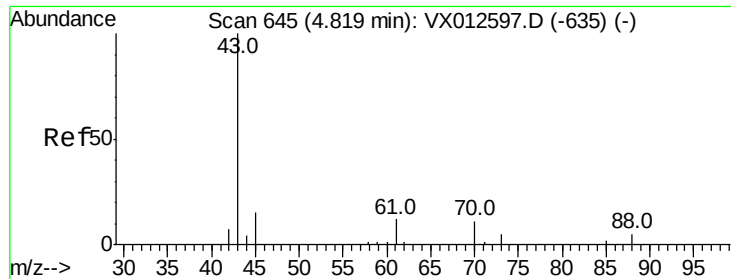


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 5.728 ug/l

RT: 4.82 min Scan# 645

Delta R.T. -0.00 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

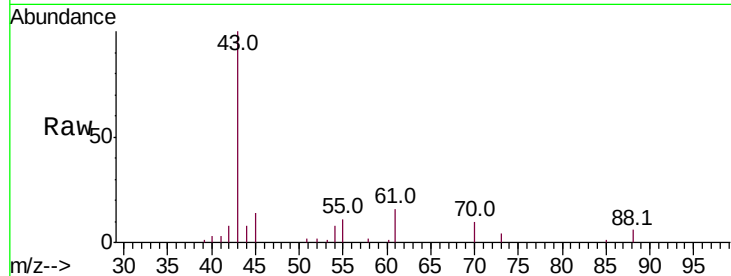
Tot Ion: 43 Resp: 19137

Ion Ratio Lower Upper

43 100

61 14.7 10.8 16.2

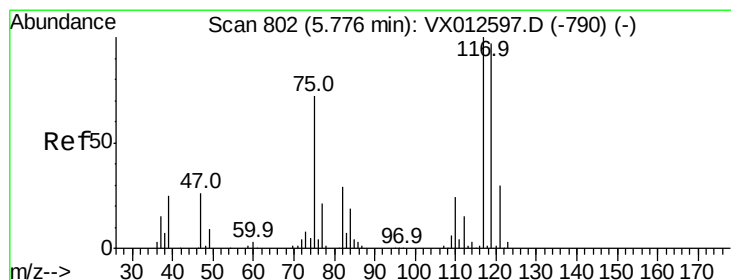
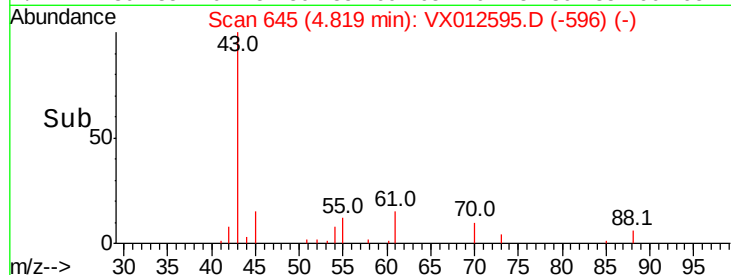
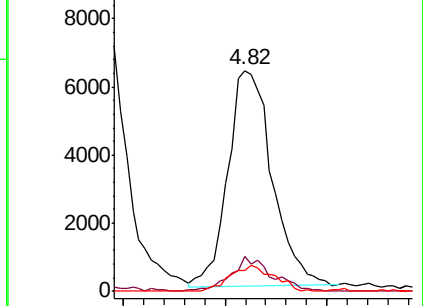
70 11.9 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 6.188 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

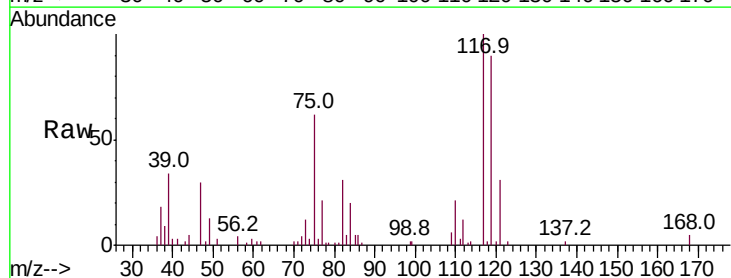
Tgt Ion: 117 Resp: 17099

Ion Ratio Lower Upper

117 100

119 90.2 77.1 115.7

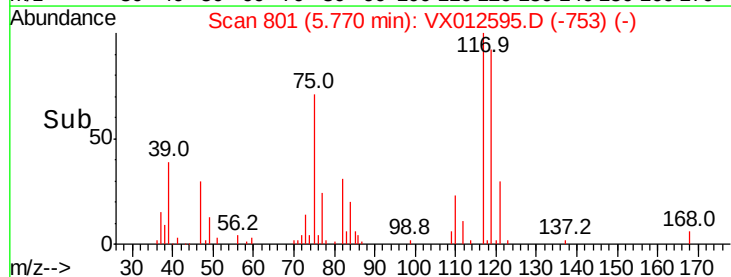
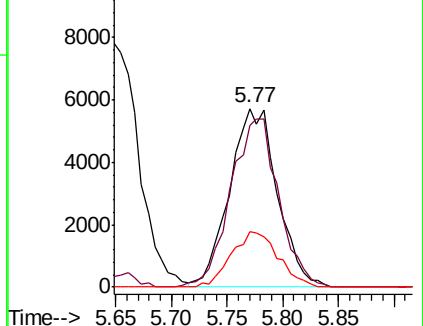
121 31.1 23.7 35.5

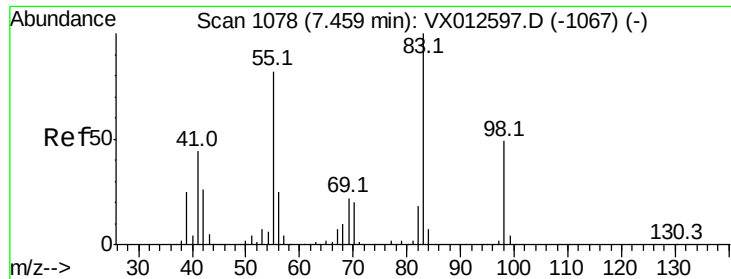


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

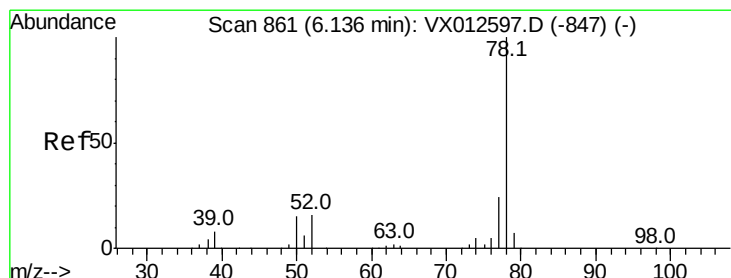
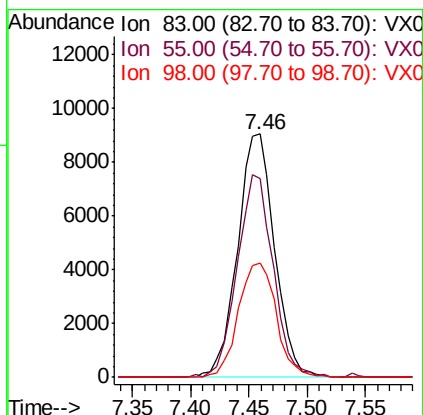
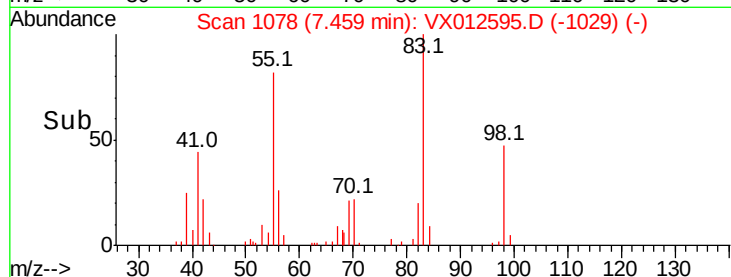
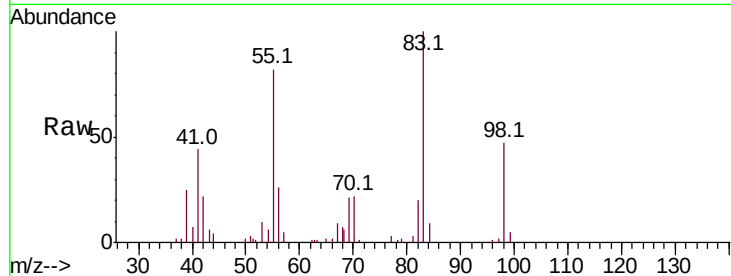




#39
Methylvlcyclohexane
Concen: 8.560 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012595.D
Acq: 23 Sep 2019 10:32

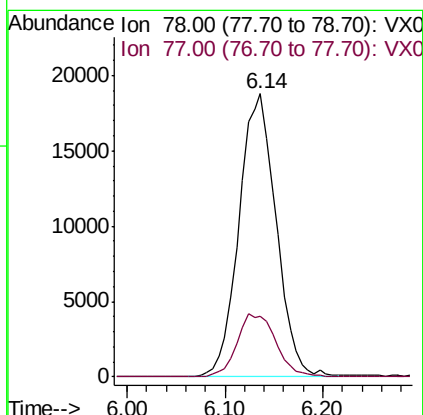
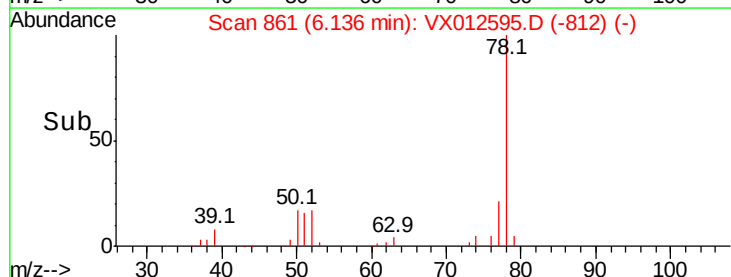
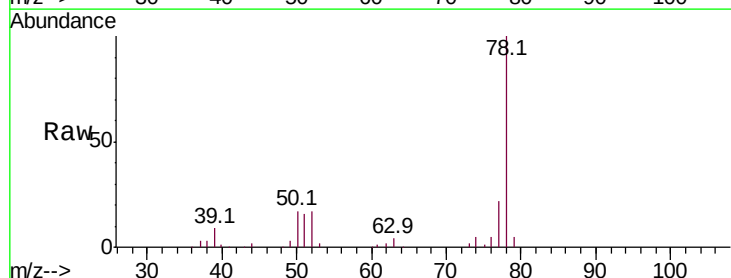
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

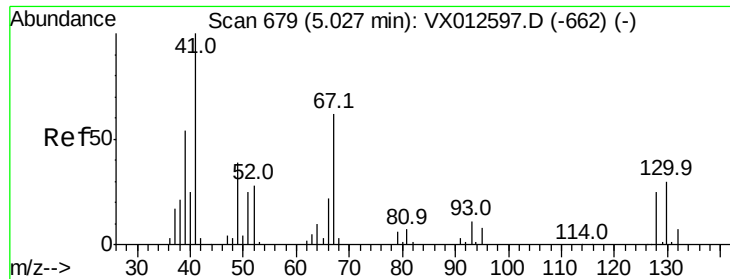
Tot Ion: 83 Resp: 20070
Ion Ratio Lower Upper
83 100
55 81.6 65.6 98.4
98 46.7 39.4 59.0



#40
Benzene
Concen: 6.840 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX012595.D
Acq: 23 Sep 2019 10:32

Tgt Ion: 78 Resp: 49517
Ion Ratio Lower Upper
78 100
77 21.5 19.0 28.6

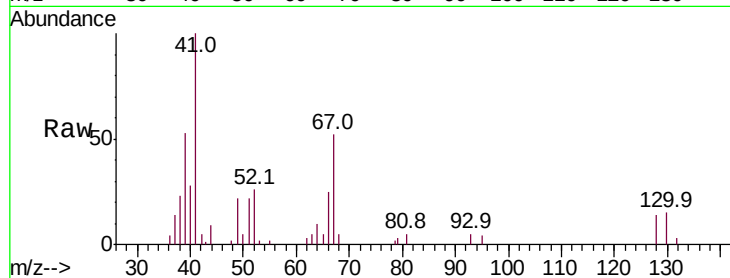




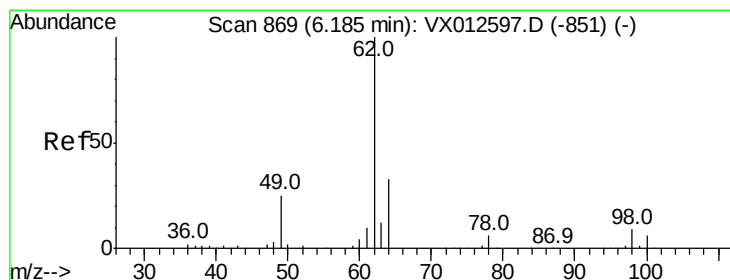
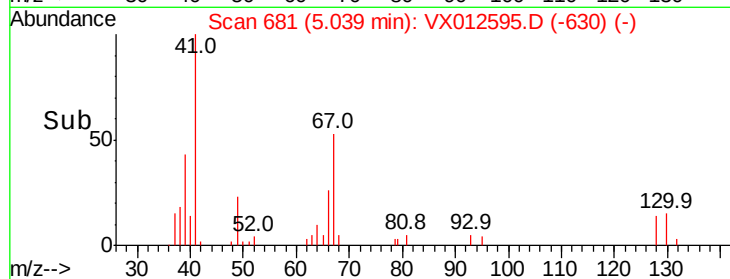
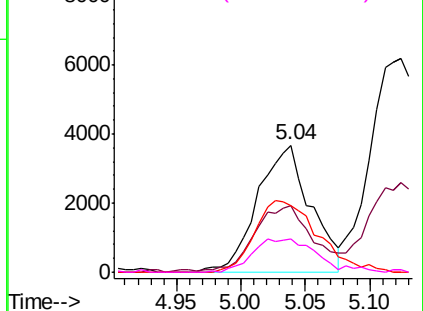
#41
Methacrylonitrile
Concen: 4.970 ug/l
RT: 5.04 min Scan# 681
Delta R.T. 0.01 min
Lab File: VX012595.D
Acq: 23 Sep 2019 10:32

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion:	41	Resp:	10540
Ion	Ratio	Lower	Upper
41	100		
39	53.8	44.2	66.4
67	66.7	55.2	82.8
52	31.5	22.9	34.3

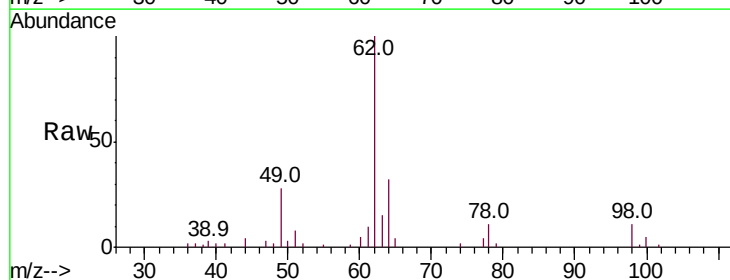


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

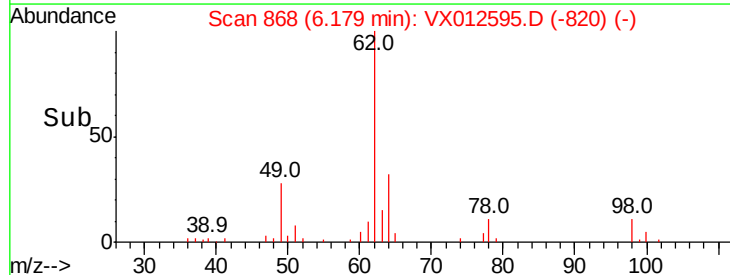
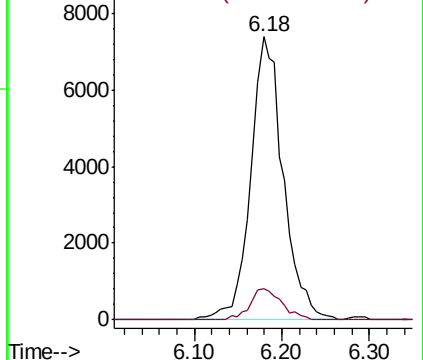


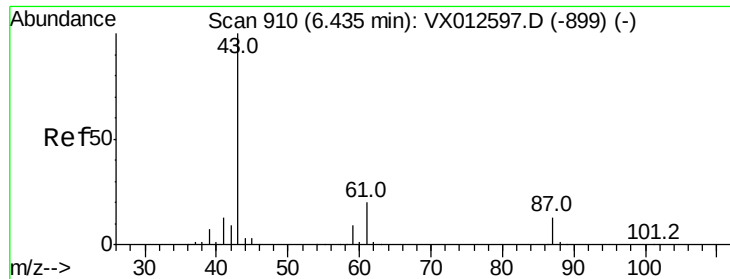
#42
1,2-Dichloroethane
Concen: 5.891 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX012595.D
Acq: 23 Sep 2019 10:32

Tgt Ion:	62	Resp:	19069
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	18.4



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





#43

Isopropyl Acetate

Concen: 5.367 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

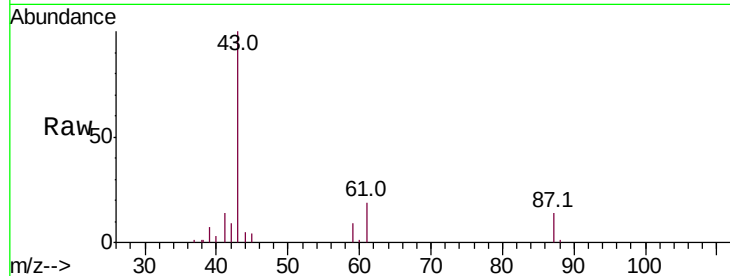
Tot Ion: 43 Resp: 31881

Ion Ratio Lower Upper

43 100

61 20.0 15.8 23.8

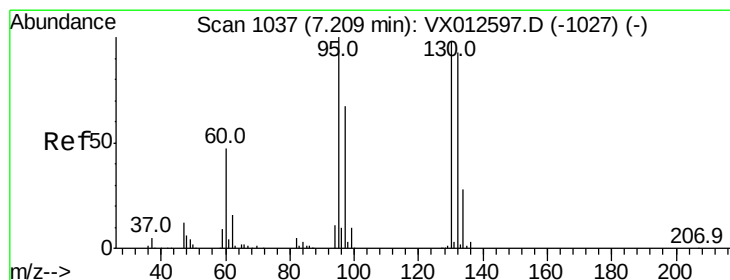
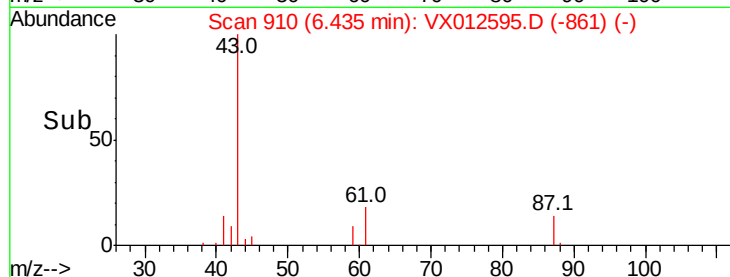
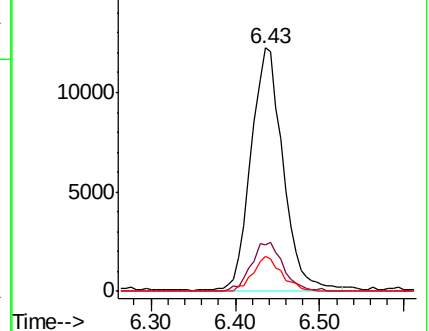
87 12.7 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 6.807 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX012595.D

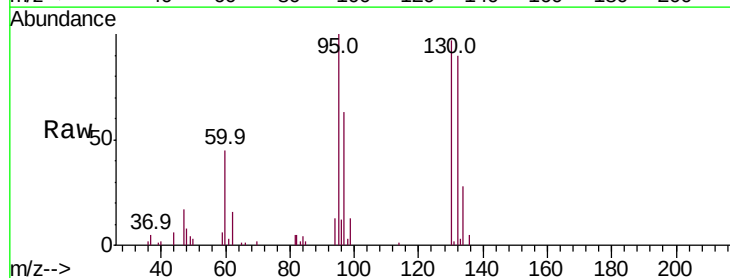
Acq: 23 Sep 2019 10:32

Tgt Ion:130 Resp: 12809

Ion Ratio Lower Upper

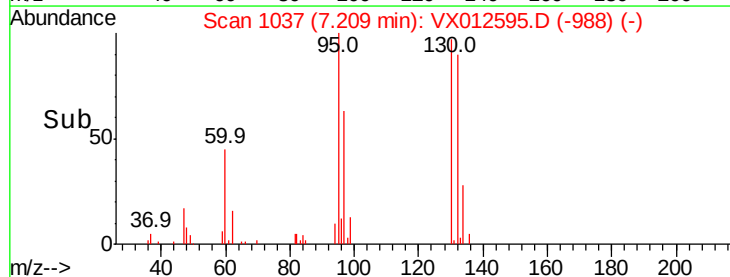
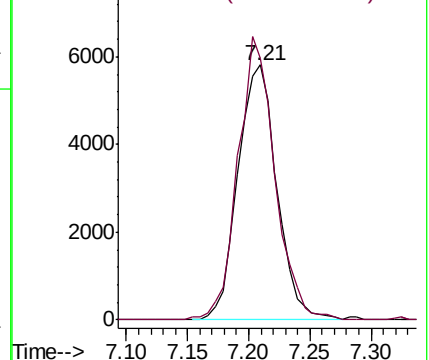
130 100

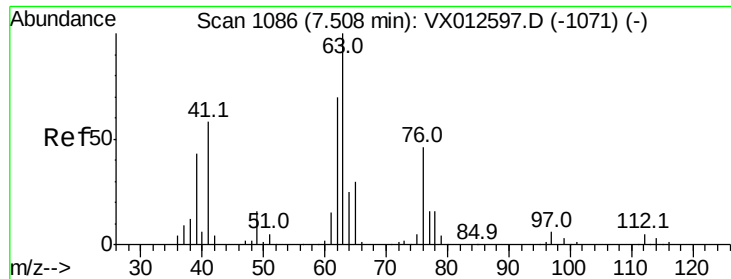
95 102.7 0.0 204.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 5.680 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

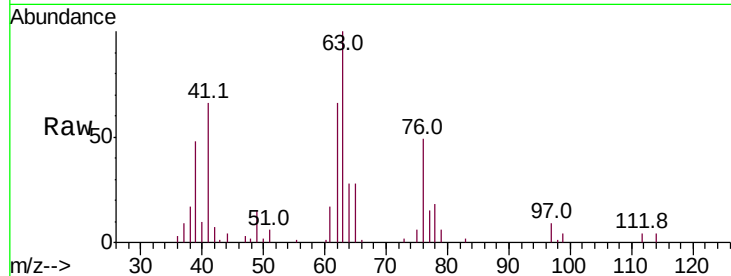
VSTDIC005

Tot Ion: 63 Resp: 12210

Ion Ratio Lower Upper

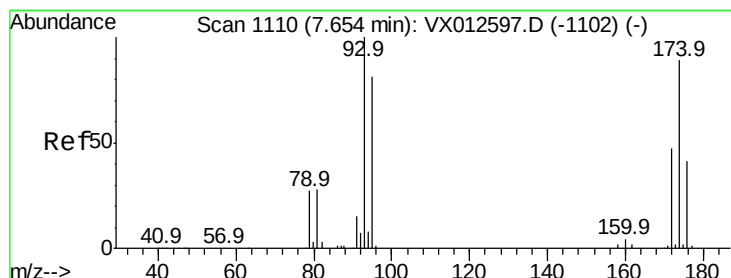
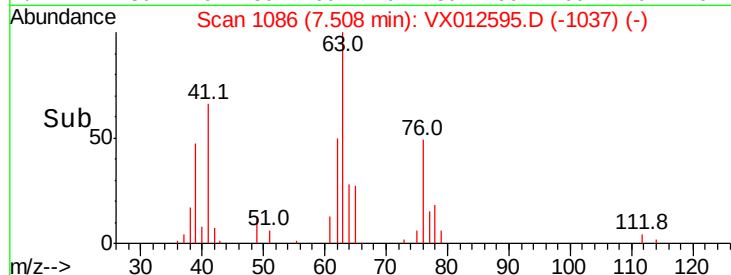
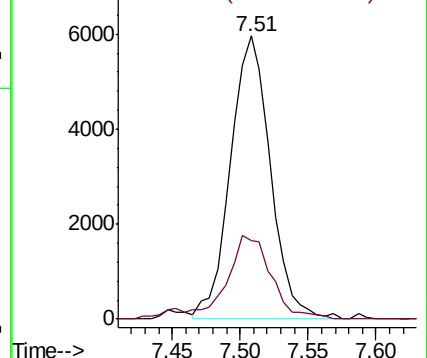
63 100

65 27.7 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 5.880 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

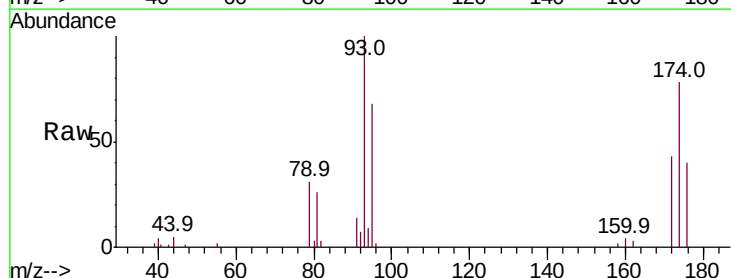
Tgt Ion: 93 Resp: 8236

Ion Ratio Lower Upper

93 100

95 81.1 65.4 98.0

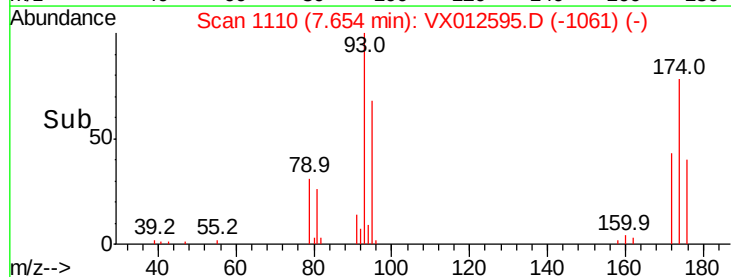
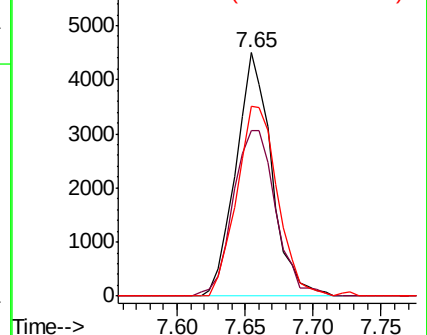
174 89.3 72.0 108.0

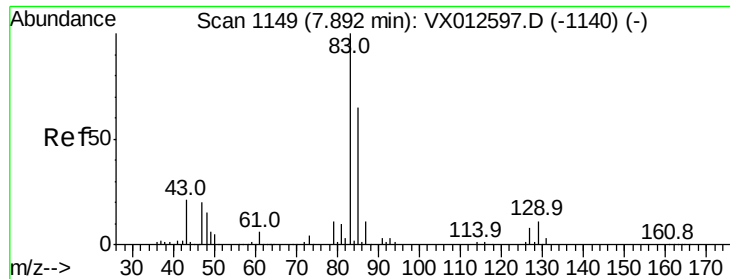


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 5.353 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

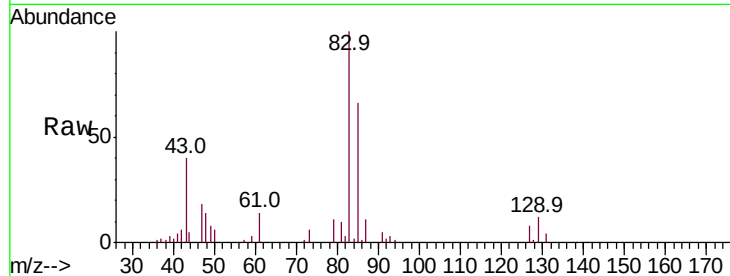
Tot Ion: 83 Resp: 16369

Ion Ratio Lower Upper

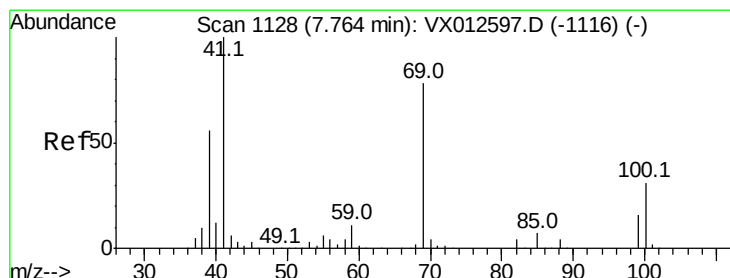
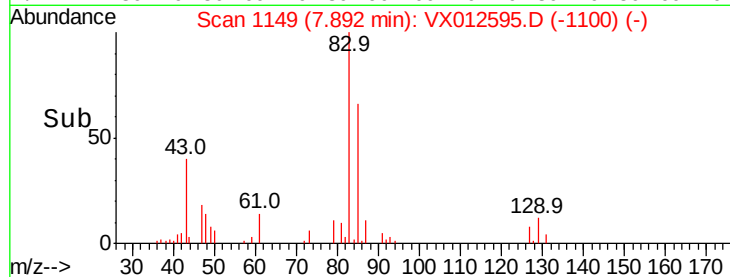
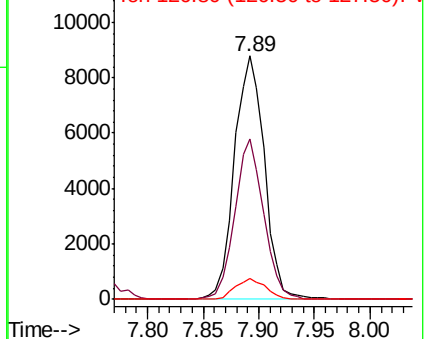
83 100

85 65.7 51.8 77.6

127 8.3 6.2 9.4



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: 5.415 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

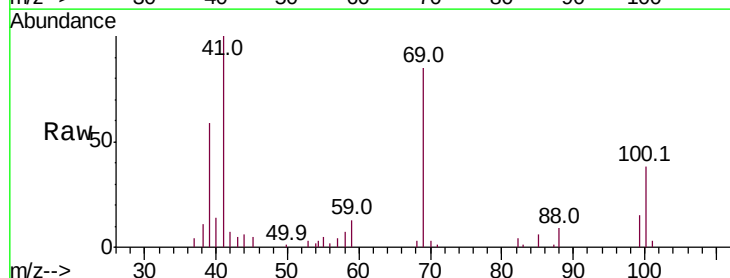
Tgt Ion: 41 Resp: 15255

Ion Ratio Lower Upper

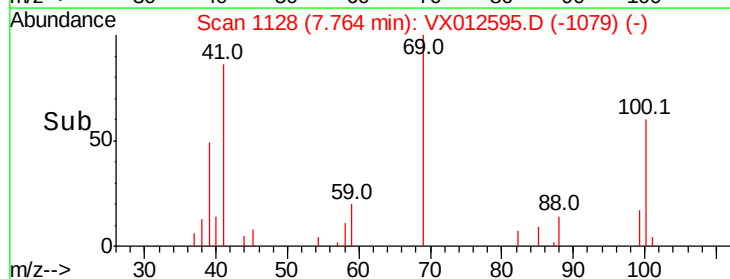
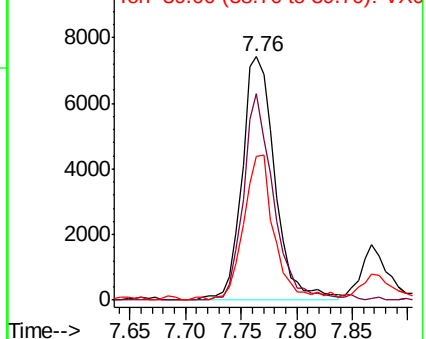
41 100

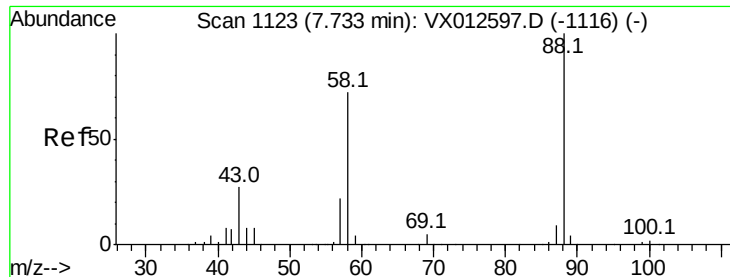
69 77.0 62.6 93.8

39 55.9 44.4 66.6



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



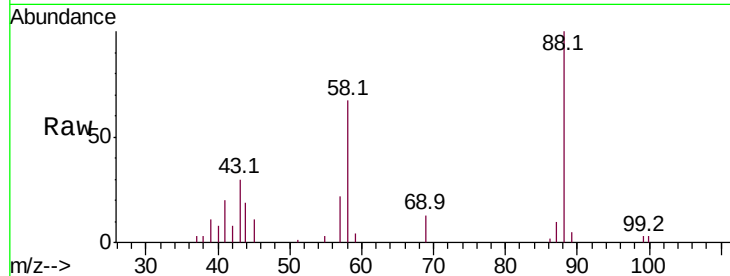


#49
 1,4-Dioxane
 Concen: 105.084 ug/l
 RT: 7.74 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: VX012595.D
 Acq: 23 Sep 2019 10:32

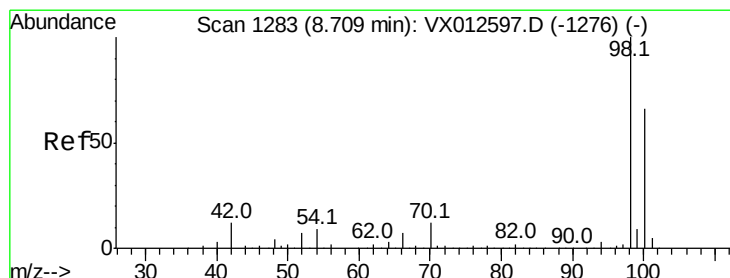
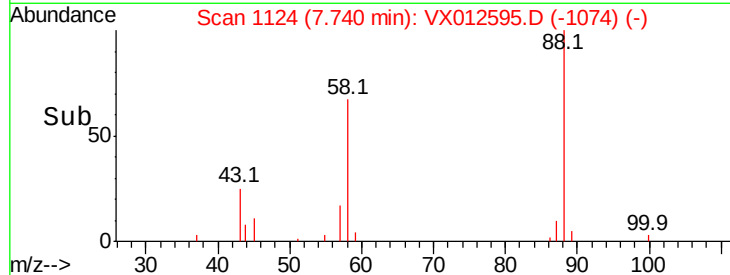
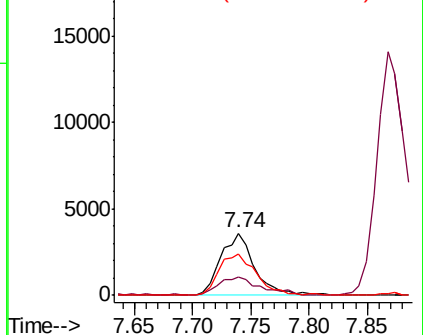
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion: 88 Resp: 7182

Ion	Ratio	Lower	Upper
88	100		
43	37.9	27.6	41.4
58	73.2	57.1	85.7



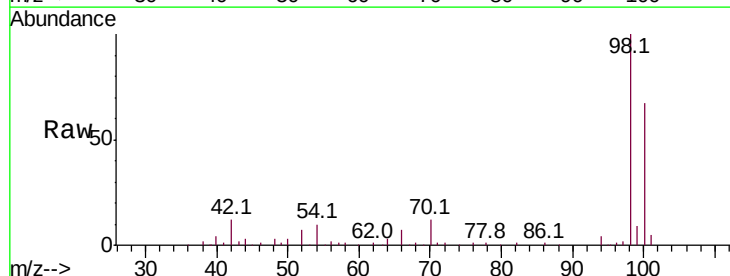
Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0



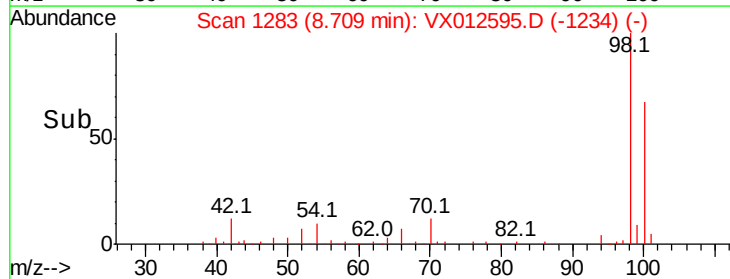
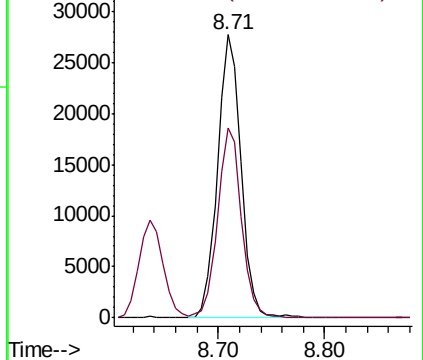
#50
 Toluene-d8
 Concen: 5.298 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012595.D
 Acq: 23 Sep 2019 10:32

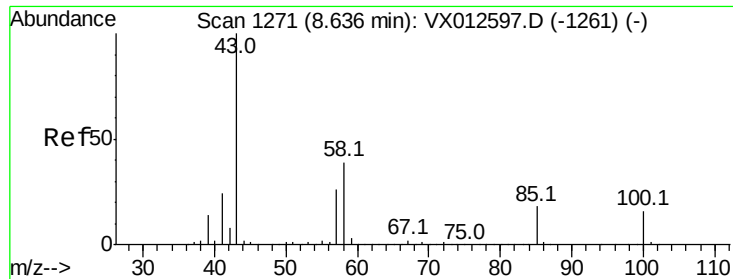
Tgt Ion: 98 Resp: 42410

Ion	Ratio	Lower	Upper
98	100		
100	68.7	53.4	80.2



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





#51

4-Methyl-2-Pentanone

Concen: 25.835 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

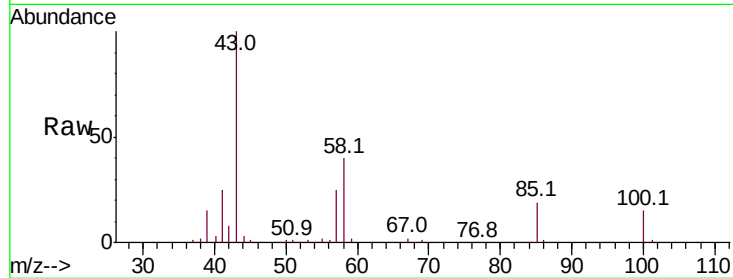
VSTDIC005

Tot Ion: 43 Resp: 99746

Ion Ratio Lower Upper

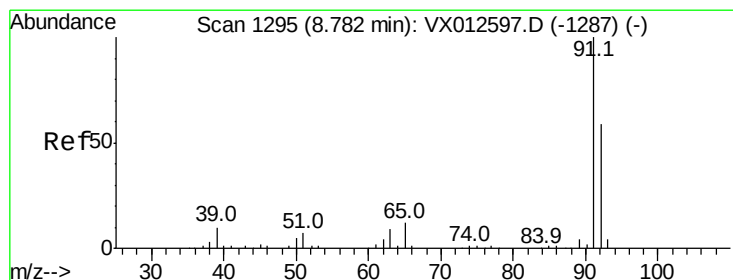
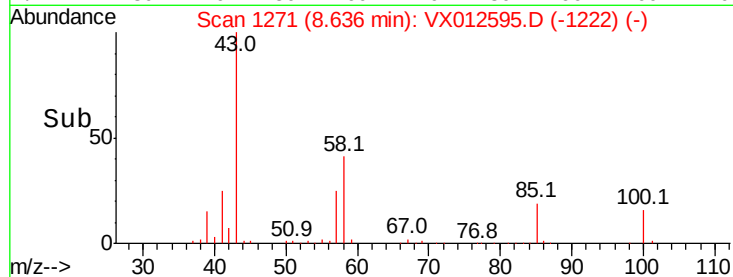
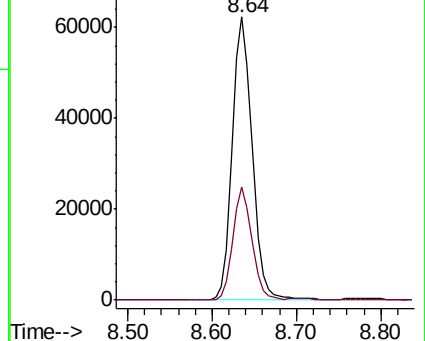
43 100

58 37.8 31.4 47.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 6.660 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012595.D

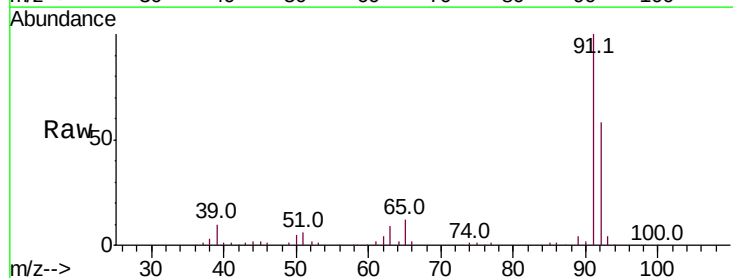
Acq: 23 Sep 2019 10:32

Tgt Ion: 92 Resp: 30867

Ion Ratio Lower Upper

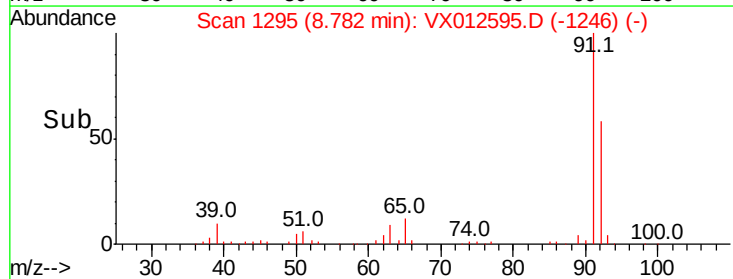
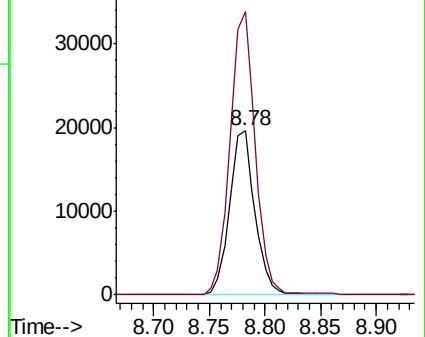
92 100

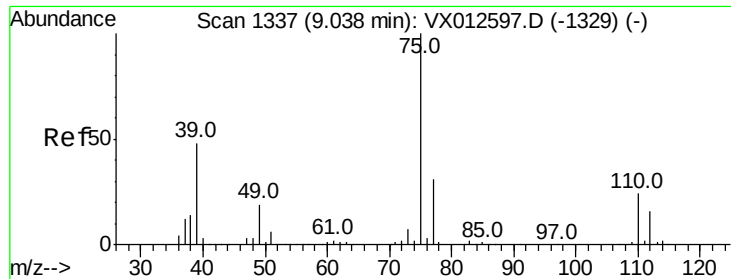
91 170.7 134.2 201.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

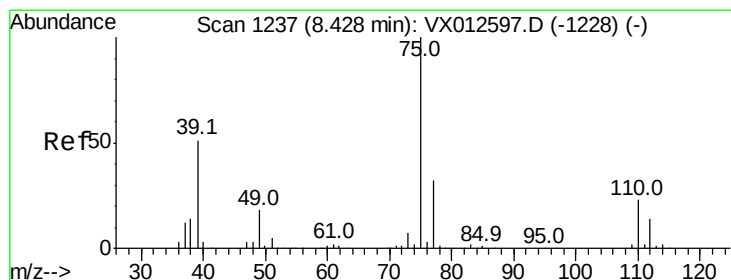
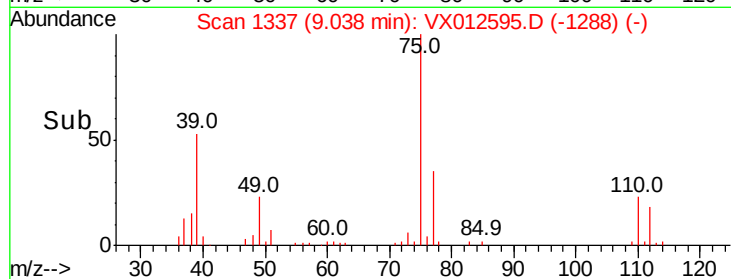
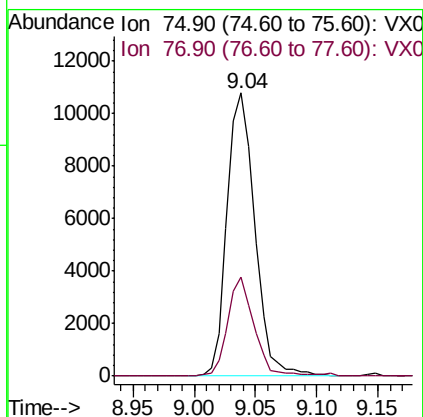
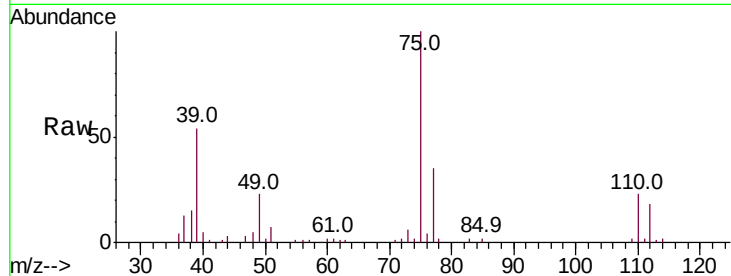




#53
 t-1,3-Dichloropropene
 Concen: 5.286 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX012595.D
 Acq: 23 Sep 2019 10:32

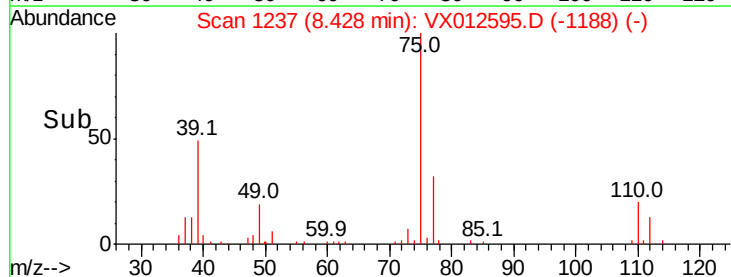
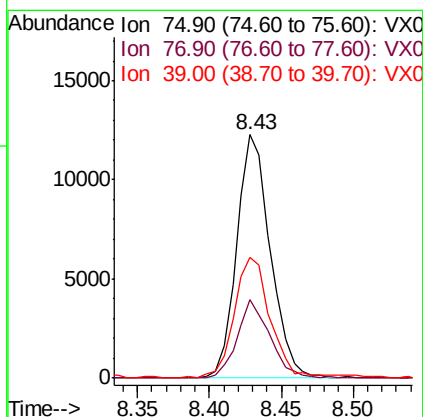
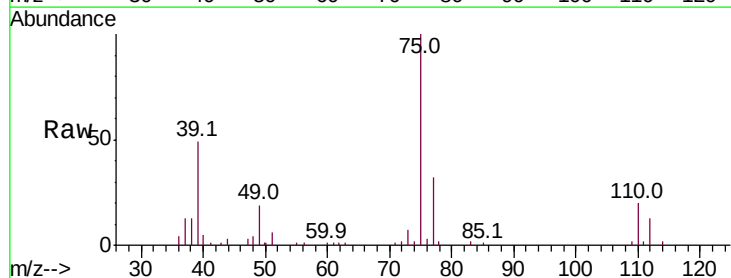
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

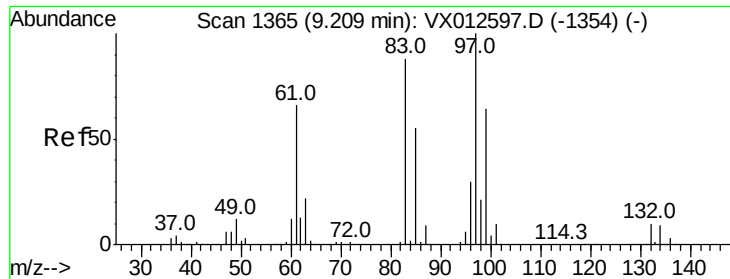
Tot Ion: 75 Resp: 16971
 Ion Ratio Lower Upper
 75 100
 77 34.9 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 5.914 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012595.D
 Acq: 23 Sep 2019 10:32

Tgt Ion: 75 Resp: 19846
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.5 38.3
 39 48.9 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 5.407 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 97 Resp: 12345

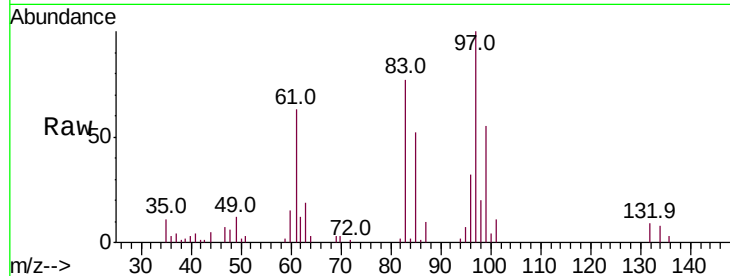
Ion Ratio Lower Upper

97 100

83 77.4 70.5 105.7

85 51.8 43.9 65.9

99 54.6 51.2 76.8

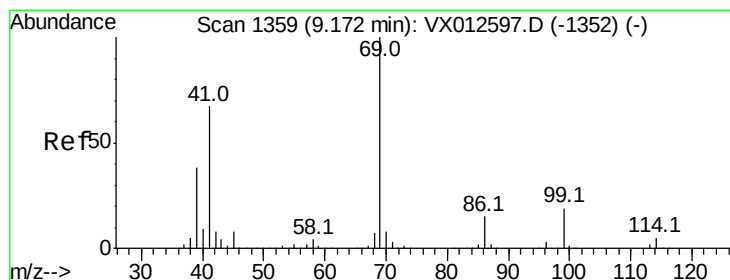
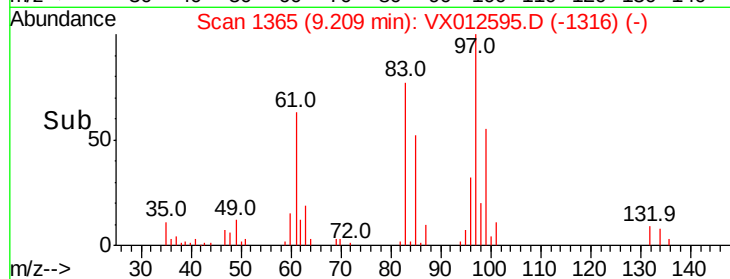
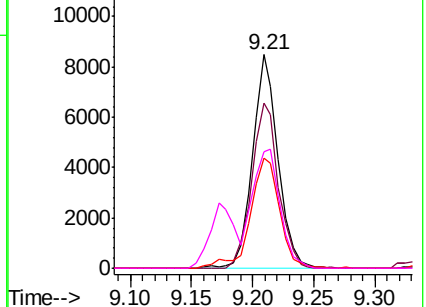


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 5.393 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

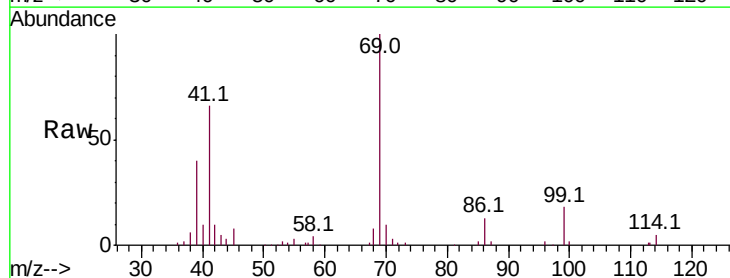
Tgt Ion: 69 Resp: 19475

Ion Ratio Lower Upper

69 100

41 69.9 54.7 82.1

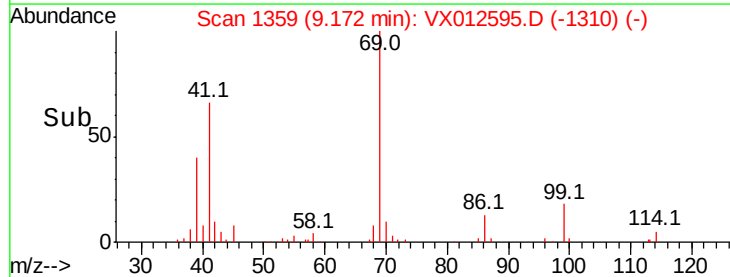
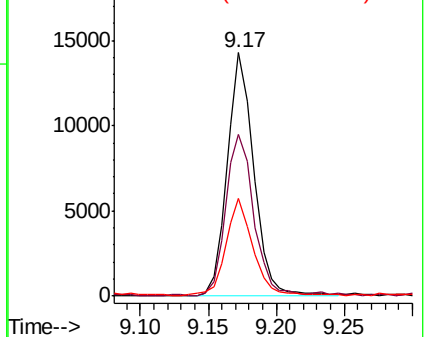
39 41.7 30.6 46.0

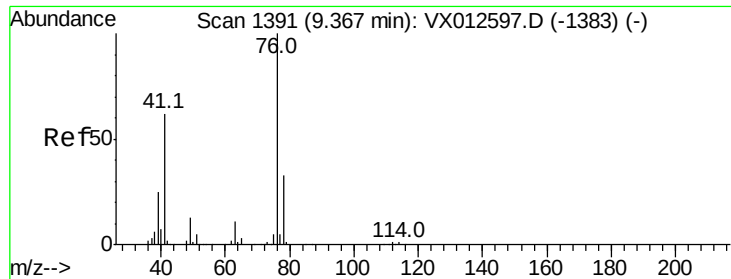


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

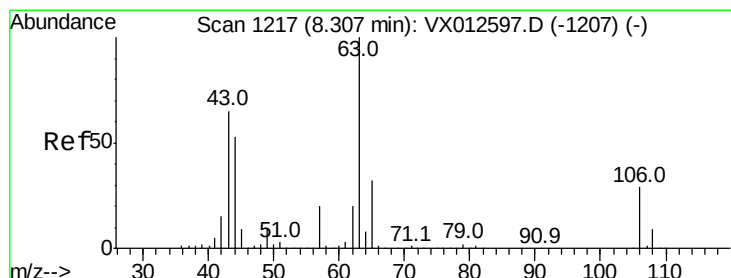
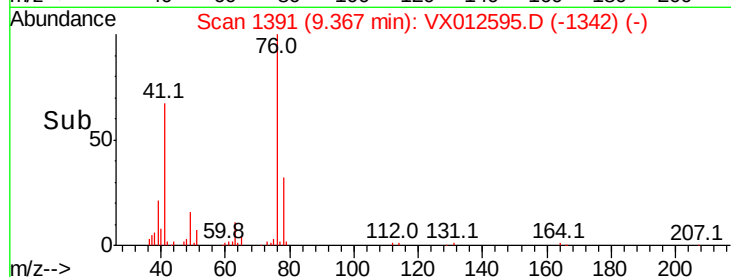
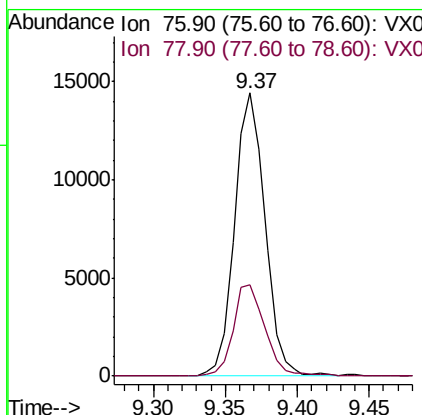
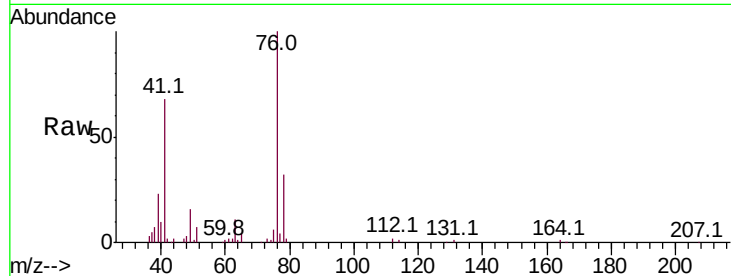




#57
 1,3-Dichloropropane
 Concen: 5.781 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012595.D
 Acq: 23 Sep 2019 10:32

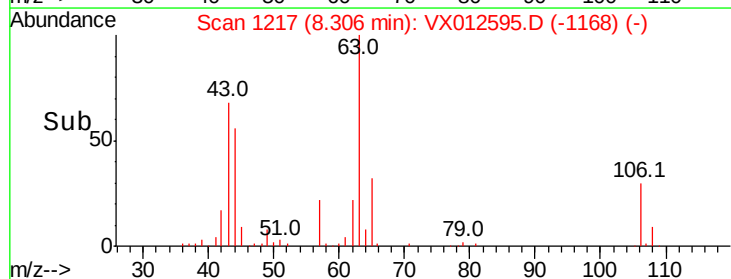
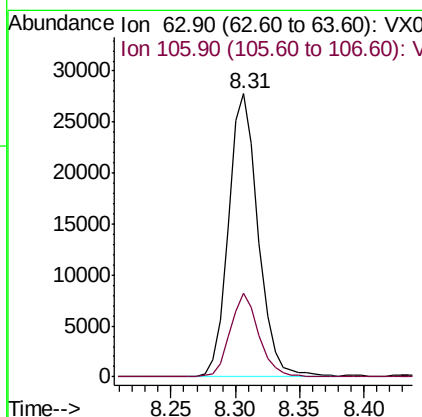
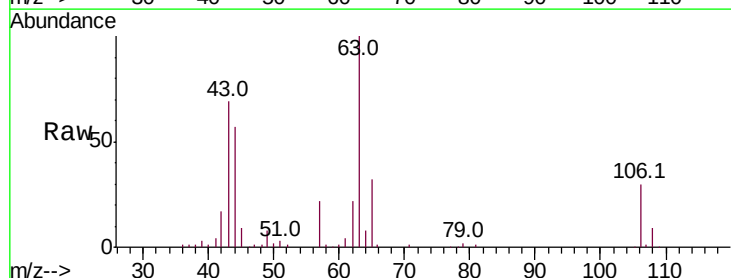
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

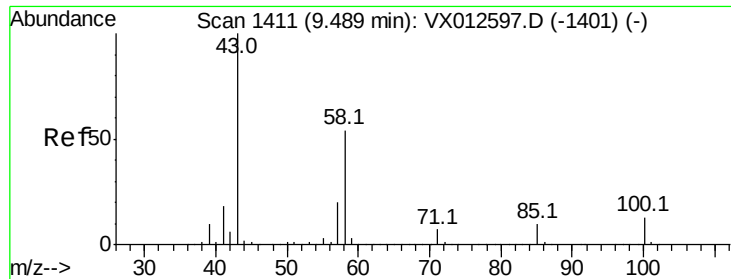
Tot Ion: 76 Resp: 21297
 Ion Ratio Lower Upper
 76 100
 78 33.8 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 24.292 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012595.D
 Acq: 23 Sep 2019 10:32

Tgt Ion: 63 Resp: 44877
 Ion Ratio Lower Upper
 63 100
 106 28.4 23.2 34.8

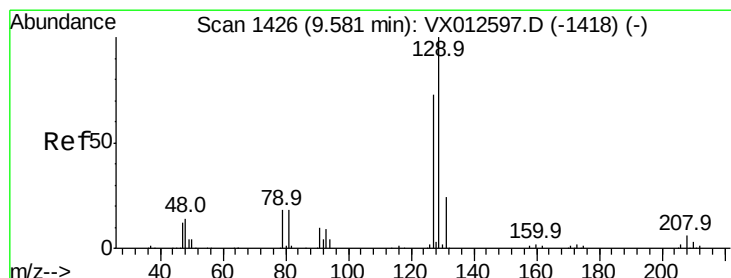
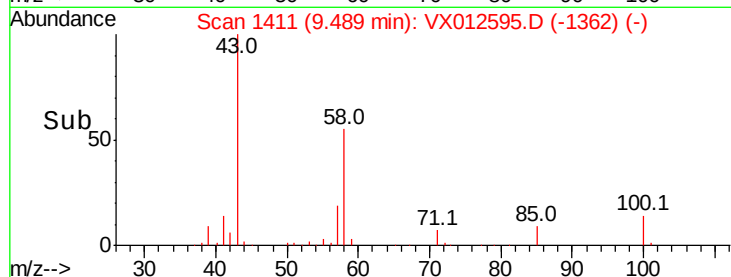
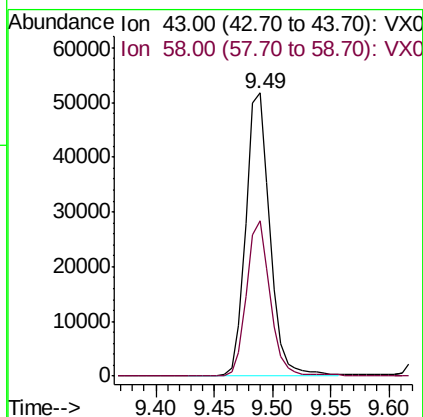
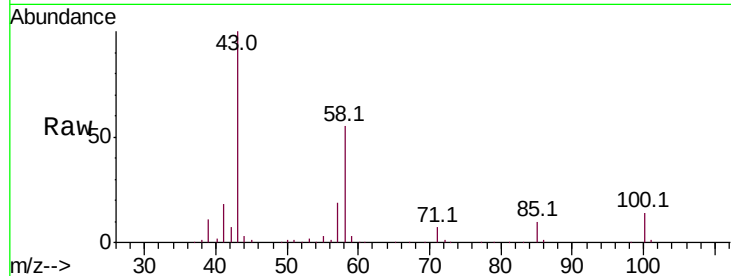




#59
2-Hexanone
Concen: 24.866 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX012595.D
Acq: 23 Sep 2019 10:32

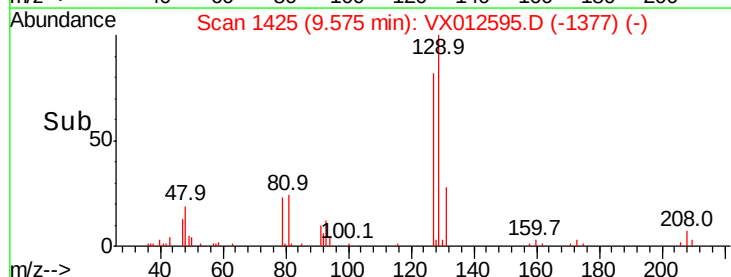
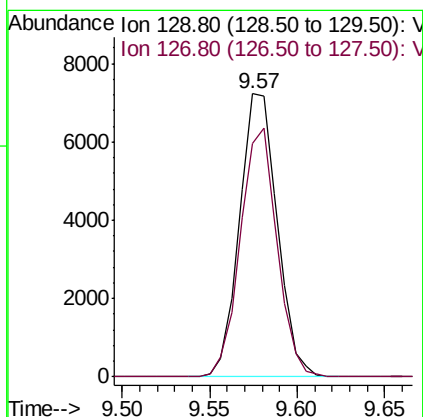
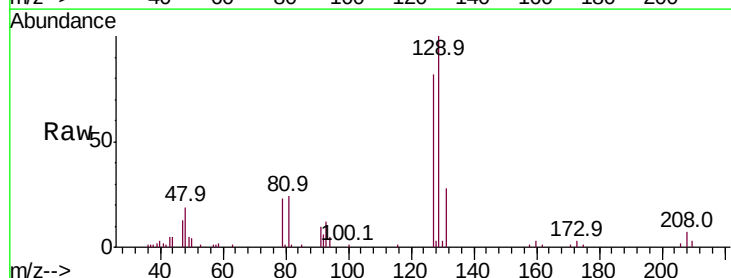
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

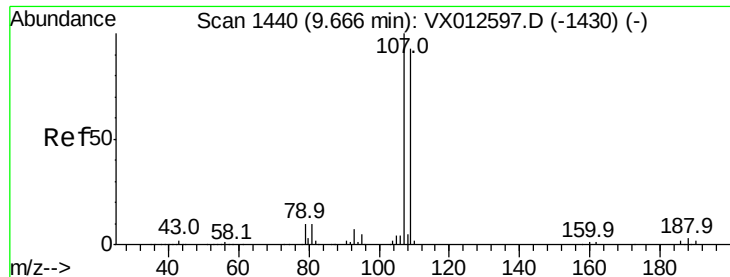
Tot Ion: 43 Resp: 74987
Ion Ratio Lower Upper
43 100
58 54.1 26.8 80.4



#60
Dibromochloromethane
Concen: 4.703 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012595.D
Acq: 23 Sep 2019 10:32

Tgt Ion: 129 Resp: 10871
Ion Ratio Lower Upper
129 100
127 85.3 38.9 116.7





#61

1,2-Dibromoethane

Concen: 5.863 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

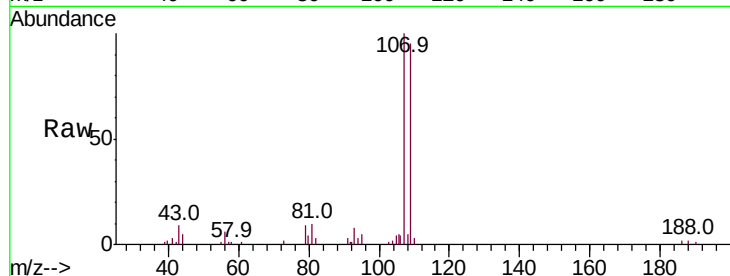
VSTDIC005

Tot Ion:107 Resp: 12438

Ion Ratio Lower Upper

107 100

109 93.8 74.3 111.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

8000

6000

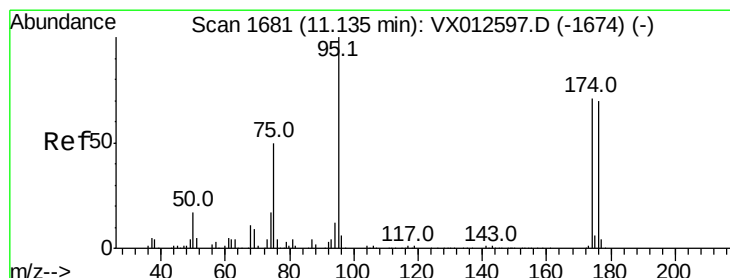
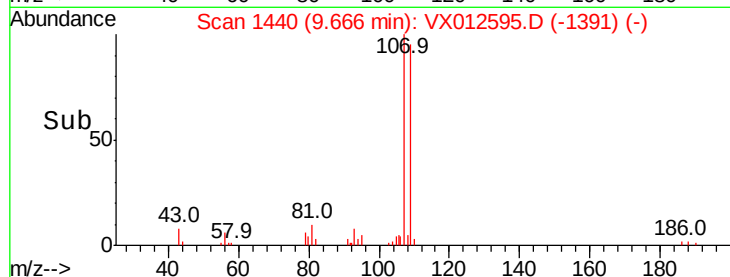
4000

2000

0

9.60 9.65 9.70

Time-->



#62

4-Bromofluorobenzene

Concen: 4.746 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

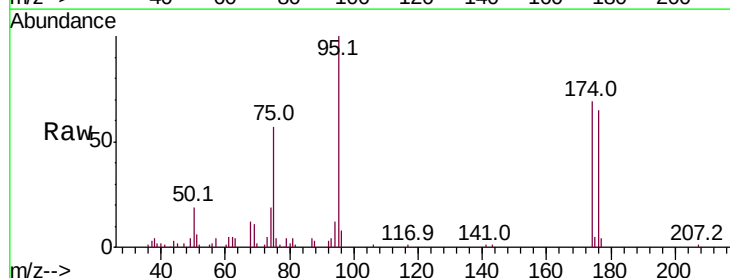
Tgt Ion: 95 Resp: 15609

Ion Ratio Lower Upper

95 100

174 67.8 0.0 134.6

176 61.0 0.0 132.2



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

15000

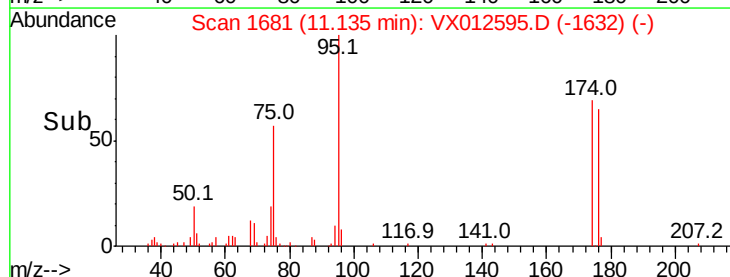
11000

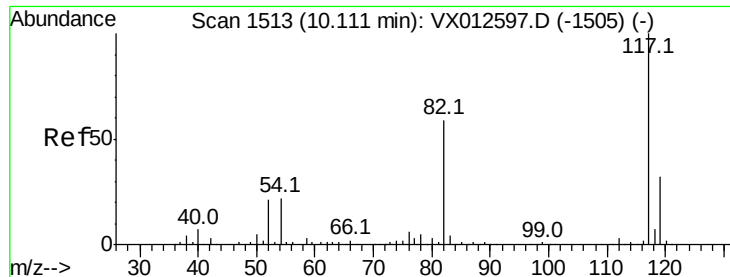
5000

0

11.10 11.15 11.20

Time-->

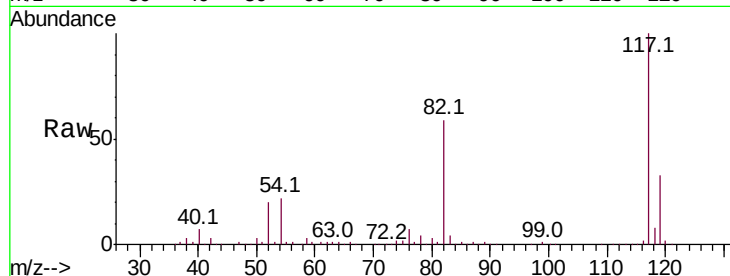




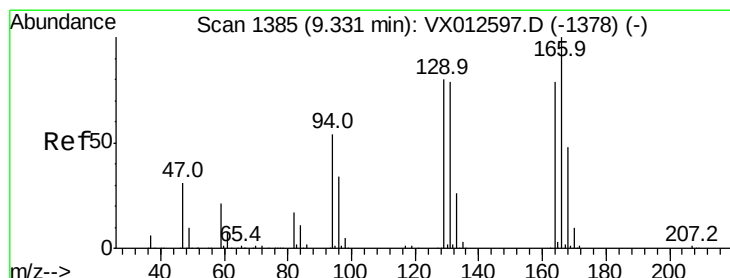
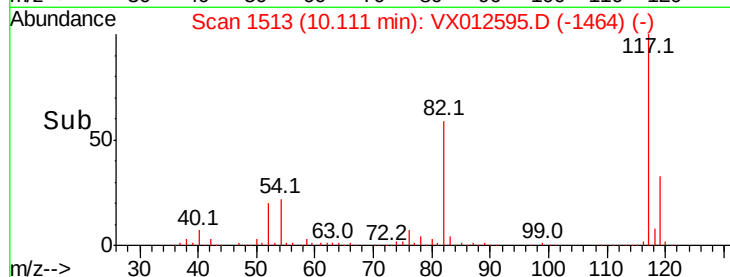
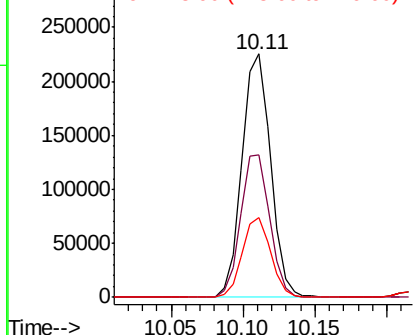
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012595.D
Acq: 23 Sep 2019 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:117 Resp: 310718
Ion Ratio Lower Upper
117 100
82 58.6 47.0 70.4
119 32.6 25.8 38.6

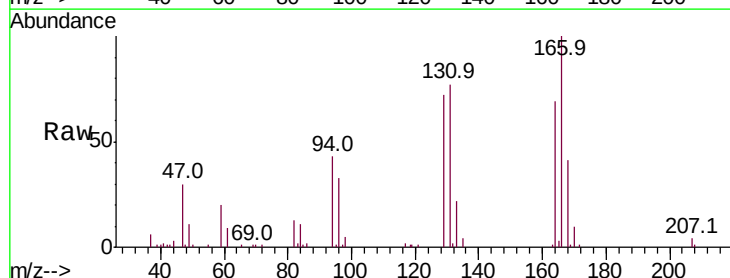


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

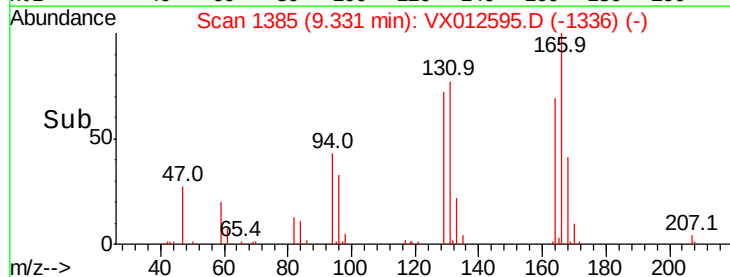
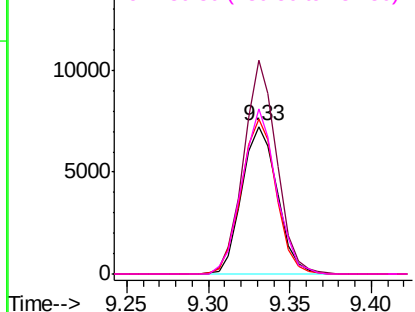


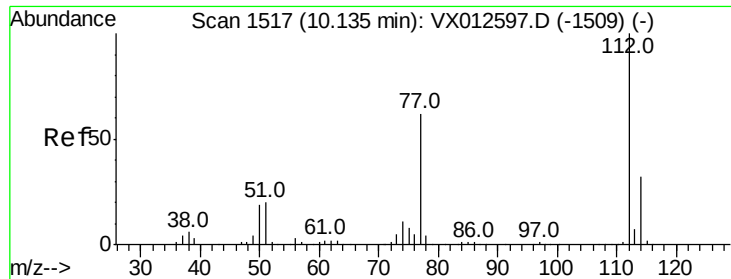
#64
Tetrachloroethene
Concen: 7.234 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012595.D
Acq: 23 Sep 2019 10:32

Tgt Ion:164 Resp: 10963
Ion Ratio Lower Upper
164 100
166 145.0 101.3 151.9
129 105.0 81.1 121.7
131 112.0 80.0 120.0



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

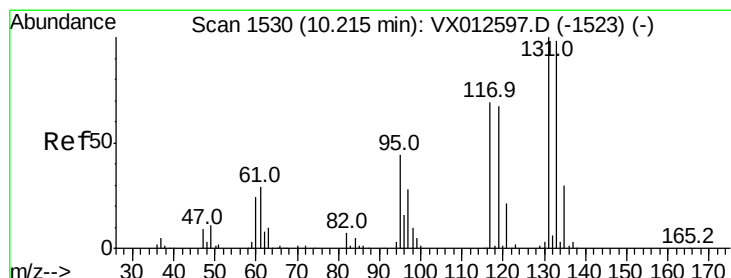
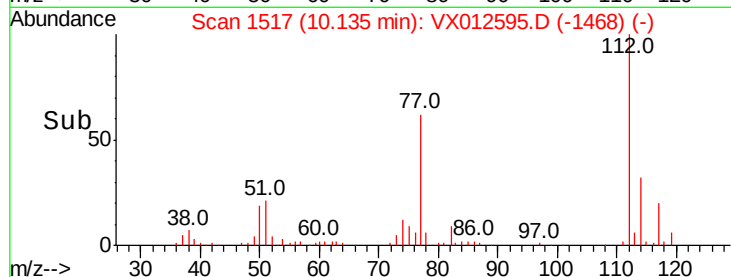
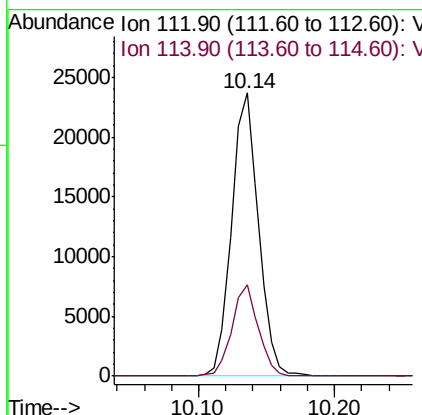
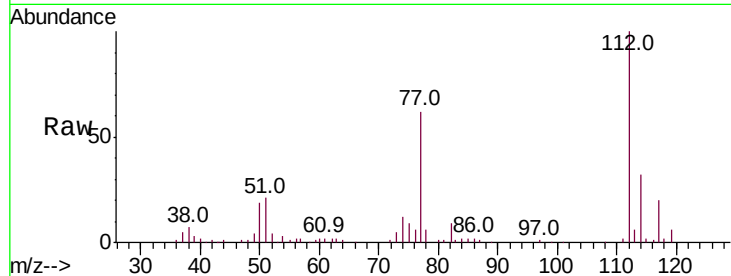




#65
Chlorobenzene
Concen: 6.164 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012595.D
Acq: 23 Sep 2019 10:32

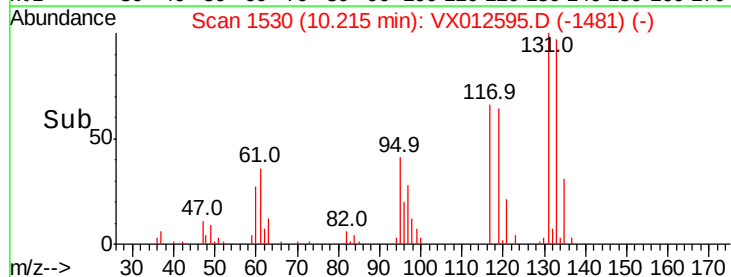
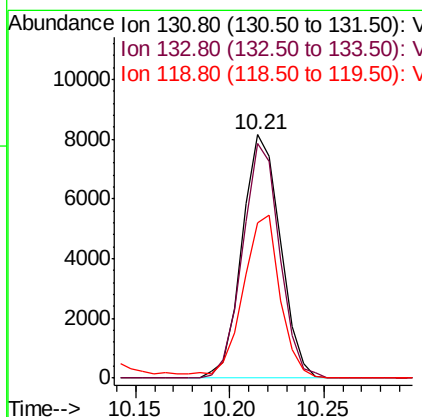
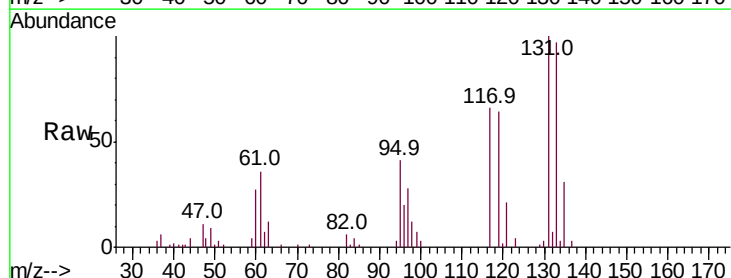
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

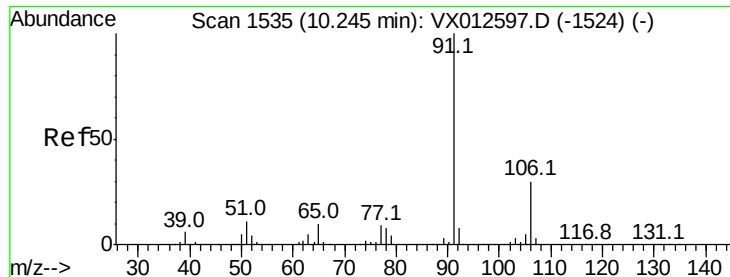
Tot Ion:112 Resp: 32580
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 5.371 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012595.D
Acq: 23 Sep 2019 10:32

Tgt Ion:131 Resp: 11456
Ion Ratio Lower Upper
131 100
133 93.6 48.0 144.2
119 65.0 33.0 99.0

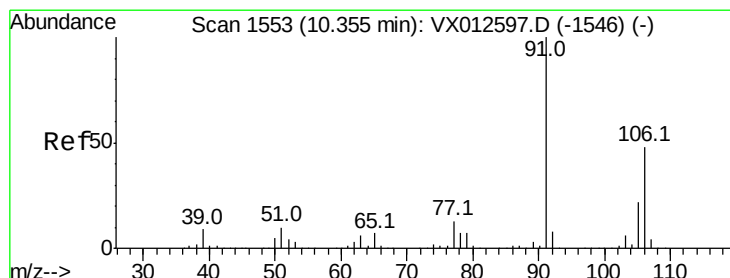
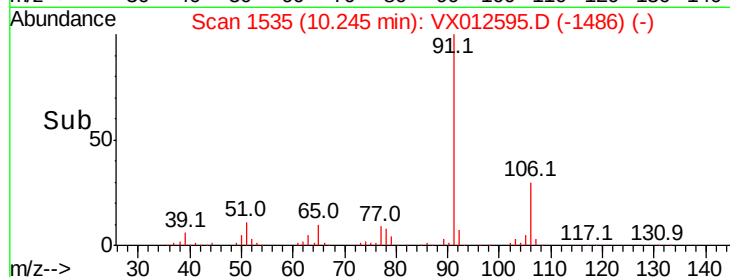
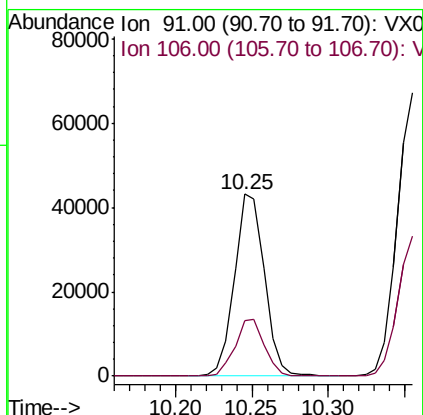
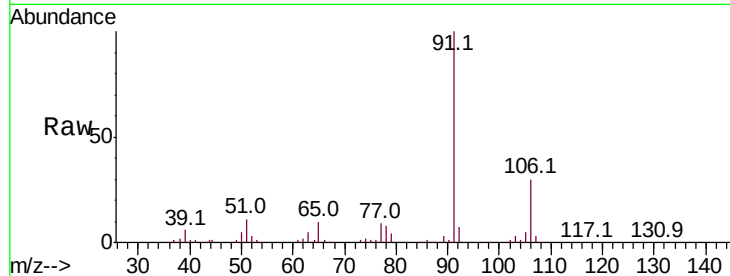




#67
Ethyl Benzene
Concen: 6.430 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012595.D
Acq: 23 Sep 2019 10:32

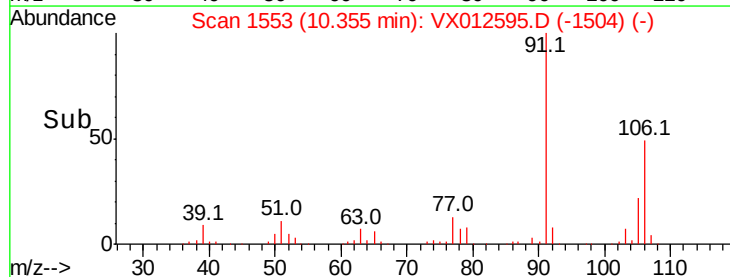
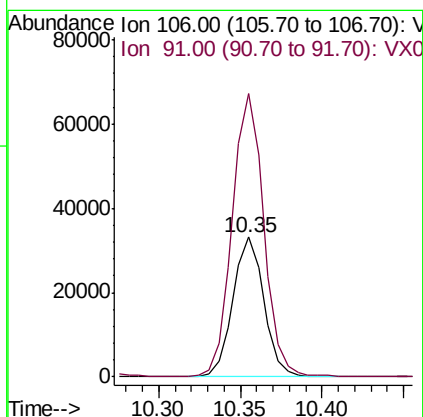
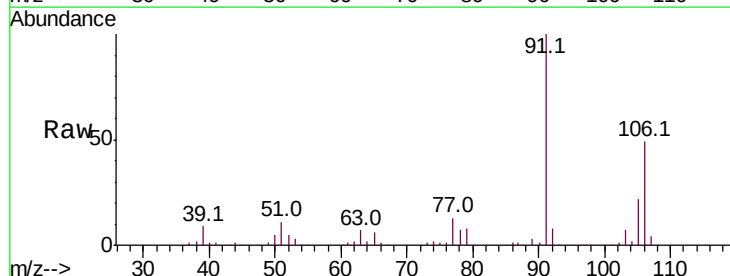
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

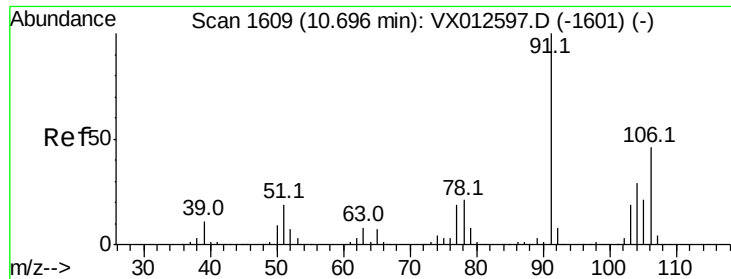
Tot Ion: 91 Resp: 58856
Ion Ratio Lower Upper
91 100
106 30.3 23.8 35.6



#68
m/p-Xylenes
Concen: 13.096 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012595.D
Acq: 23 Sep 2019 10:32

Tgt Ion: 106 Resp: 43892
Ion Ratio Lower Upper
106 100
91 206.8 167.3 250.9

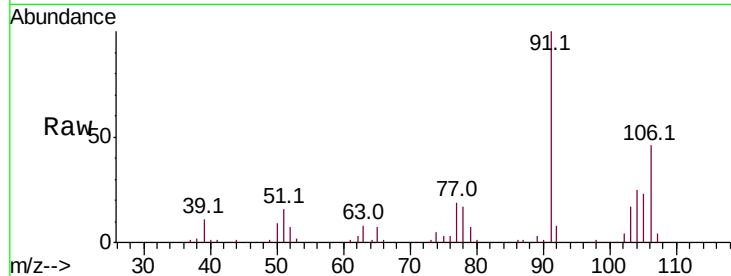




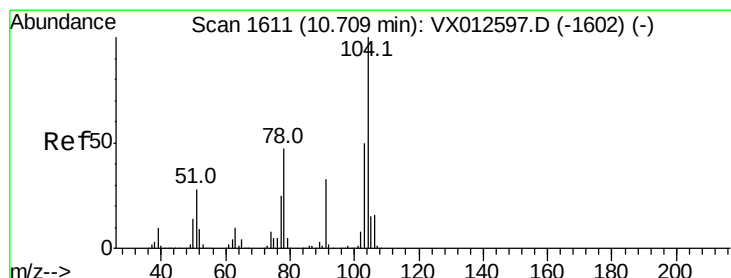
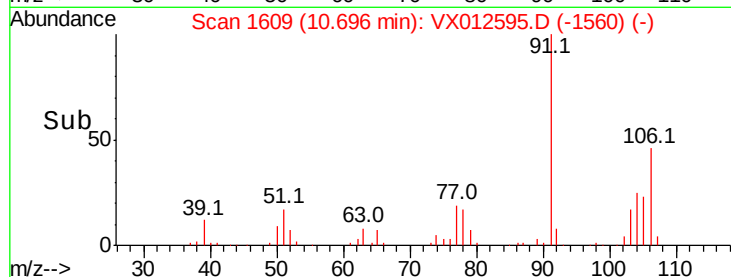
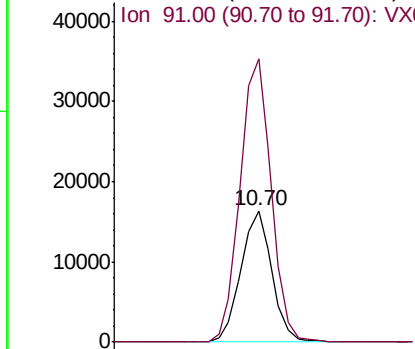
#69
o-Xylene
Concen: 6.377 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012595.D
Acq: 23 Sep 2019 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:106 Resp: 21680
Ion Ratio Lower Upper
106 100
91 217.3 110.3 331.0

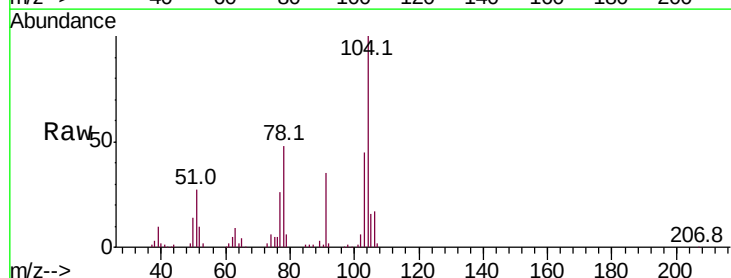


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

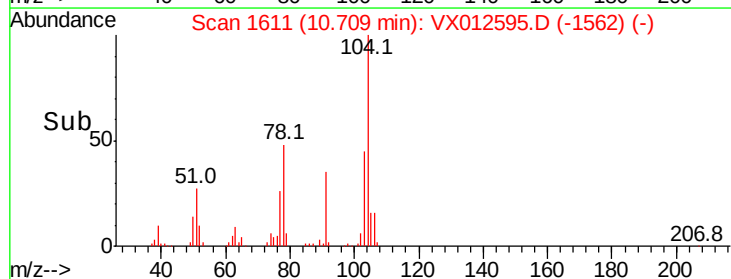
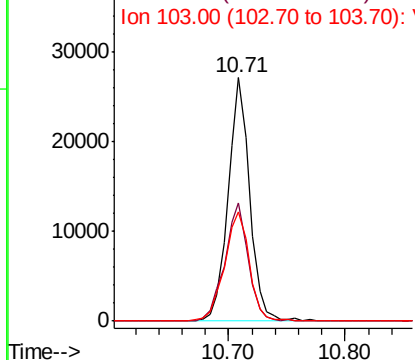


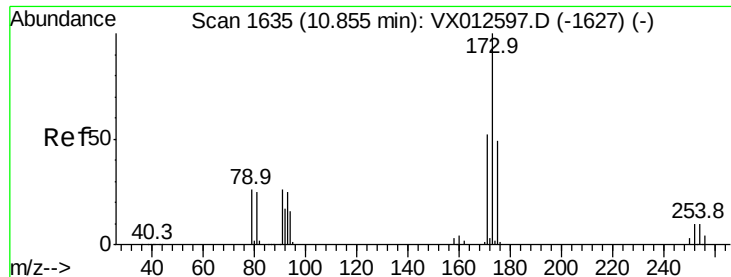
#70
Styrene
Concen: 5.827 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012595.D
Acq: 23 Sep 2019 10:32

Tgt Ion:104 Resp: 34811
Ion Ratio Lower Upper
104 100
78 53.0 43.4 65.2
103 51.7 43.4 65.2



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





#71

Bromoform

Concen: 4.456 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

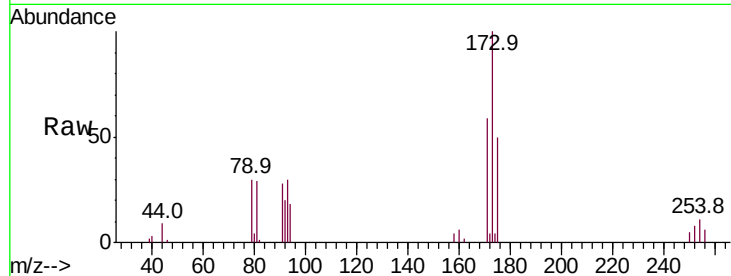
Tot Ion:173 Resp: 7011

Ion Ratio Lower Upper

173 100

175 50.5 24.6 73.8

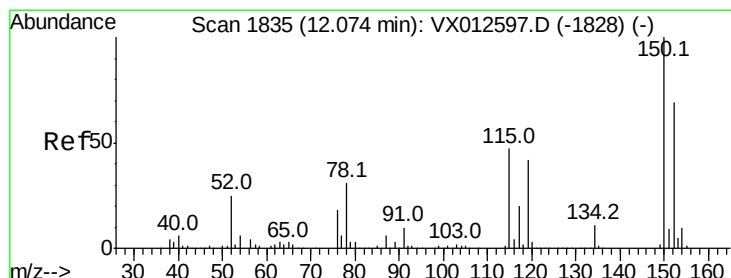
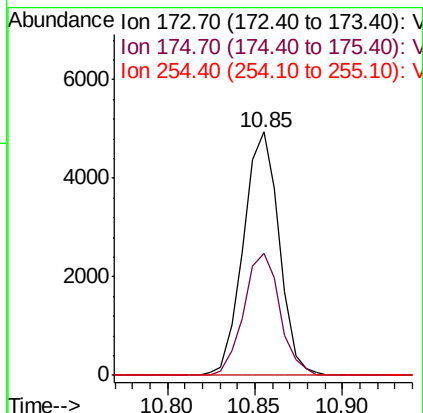
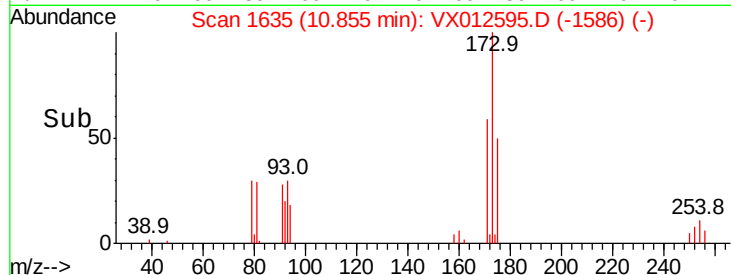
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

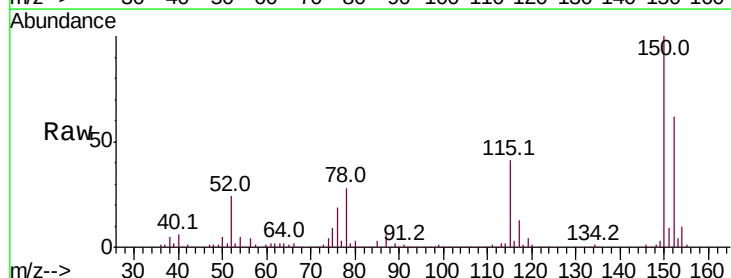
Tgt Ion:152 Resp: 134982

Ion Ratio Lower Upper

152 100

115 69.0 45.2 135.6

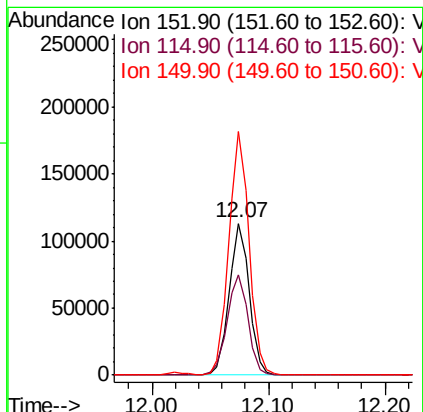
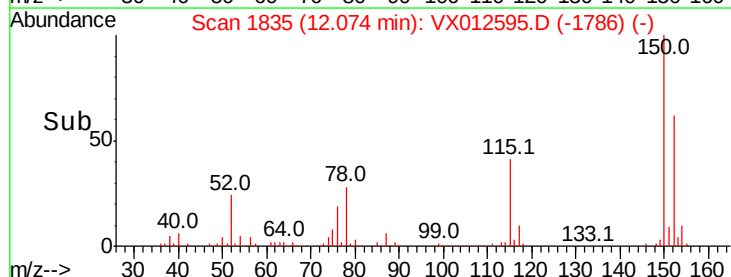
150 161.9 0.0 346.2

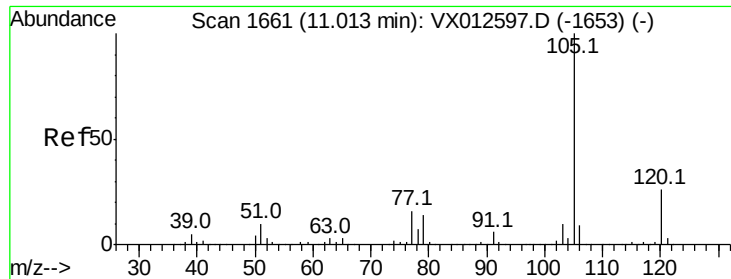


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

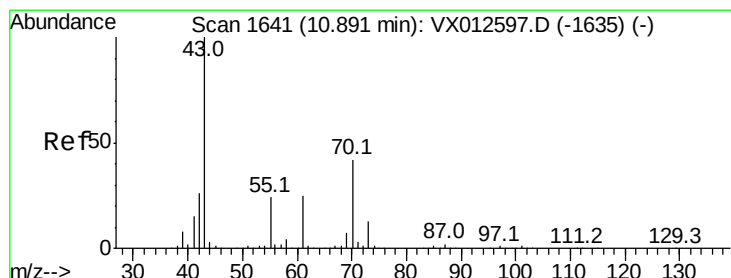
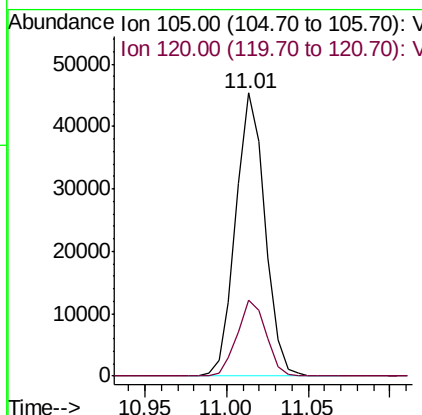
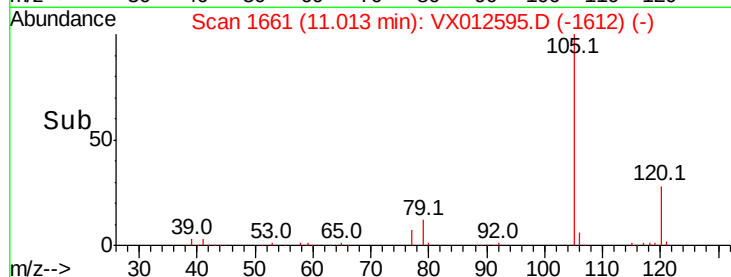
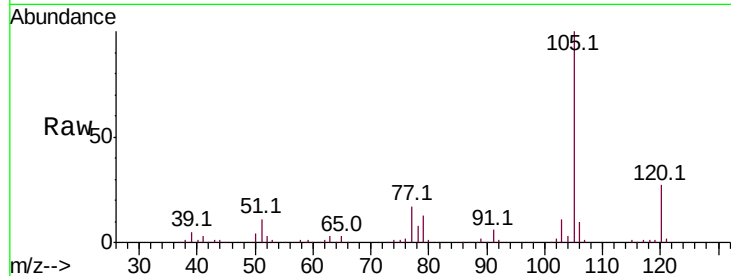




#73
Isopropylbenzene
Concen: 6.507 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX012595.D
Acq: 23 Sep 2019 10:32

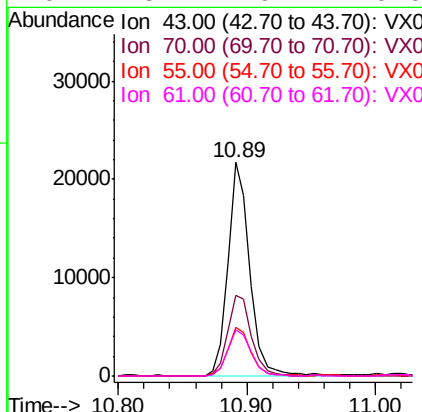
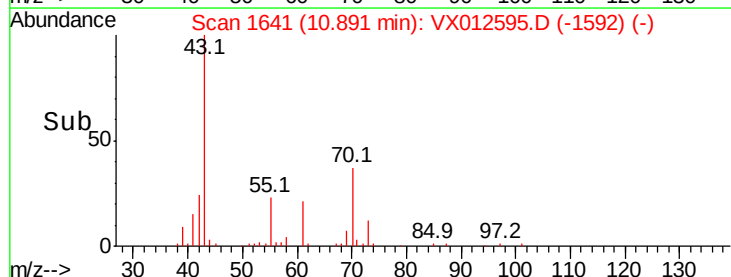
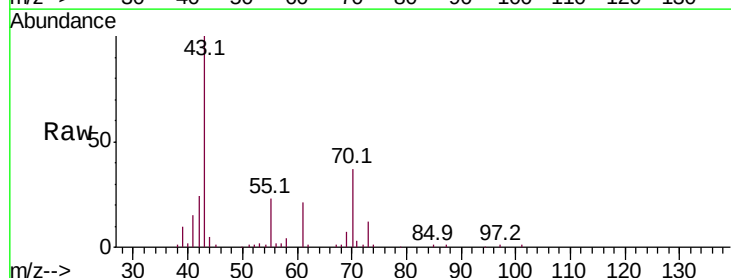
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

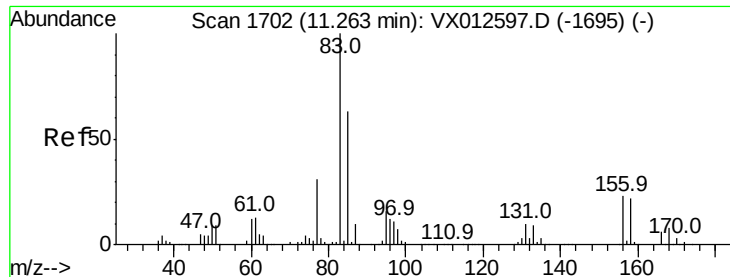
Tot Ion:105 Resp: 56731
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.7



#74
N-ethyl acetate
Concen: 5.619 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX012595.D
Acq: 23 Sep 2019 10:32

Tgt Ion: 43 Resp: 25853
Ion Ratio Lower Upper
43 100
70 40.8 33.8 50.8
55 24.6 19.2 28.8
61 23.1 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 5.644 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

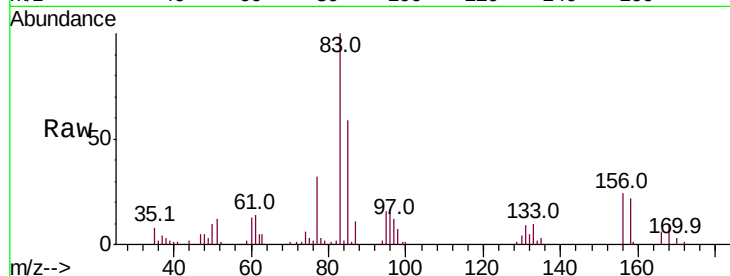
Tot Ion: 83 Resp: 18773

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.4

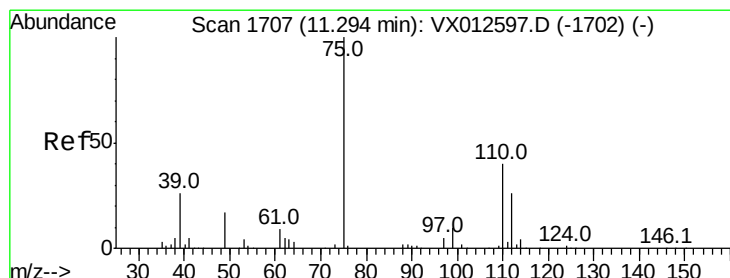
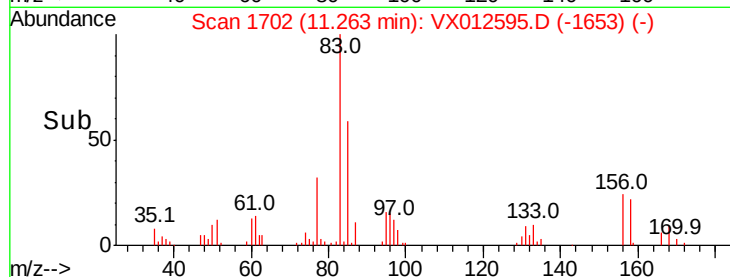
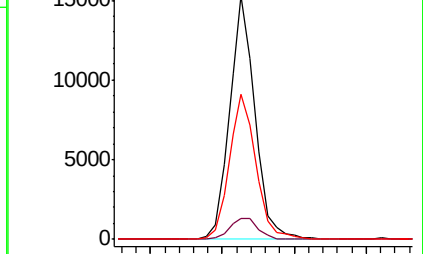
85 62.6 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 7.076 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012595.D

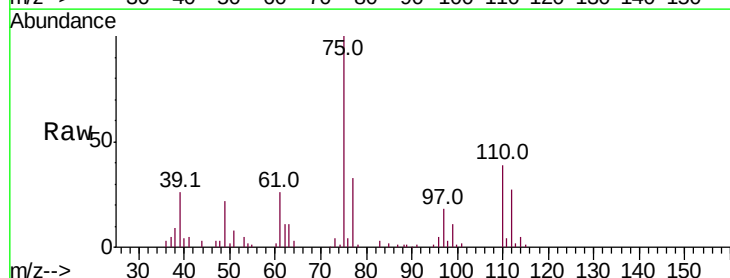
Acq: 23 Sep 2019 10:32

Tgt Ion: 75 Resp: 22099

Ion Ratio Lower Upper

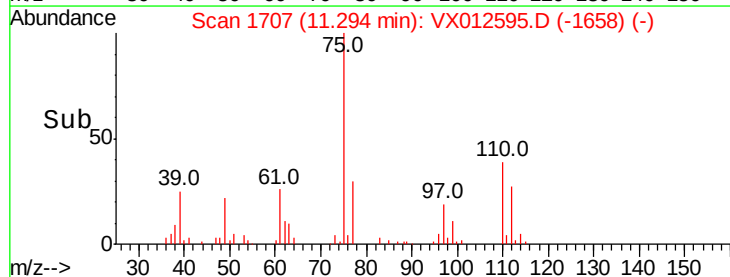
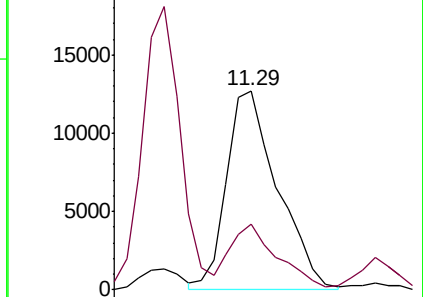
75 100

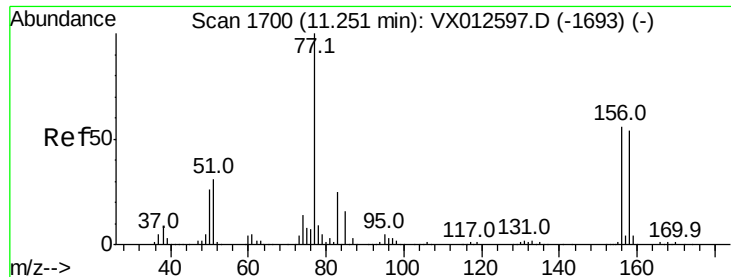
77 30.9 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 6.001 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

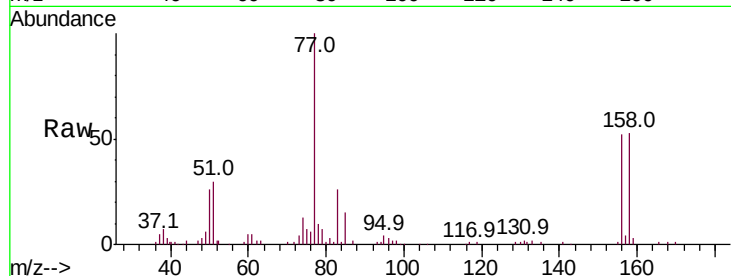
Tot Ion:156 Resp: 12593

Ion Ratio Lower Upper

156 100

77 184.7 91.2 273.6

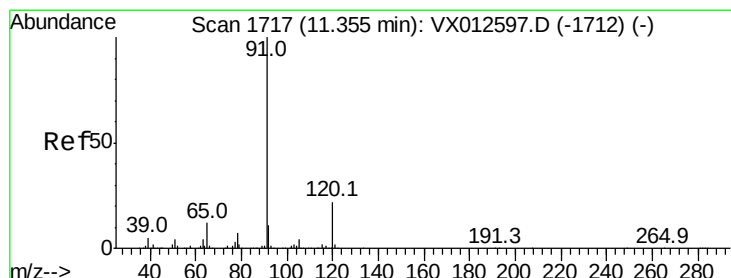
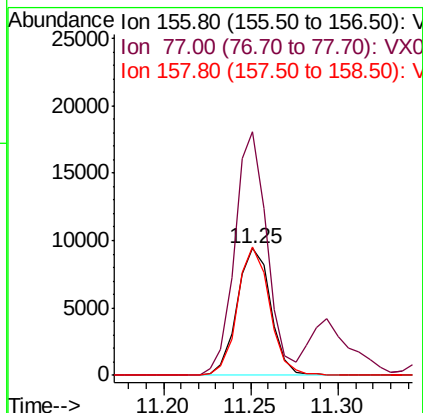
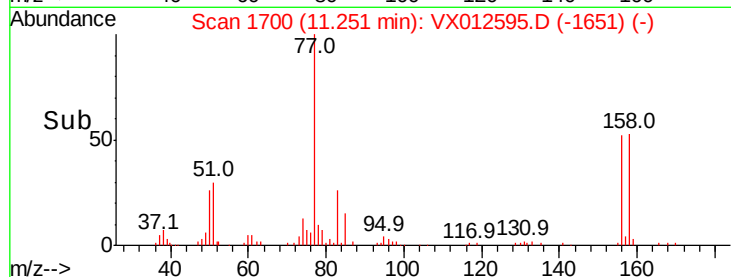
158 96.8 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 6.369 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012595.D

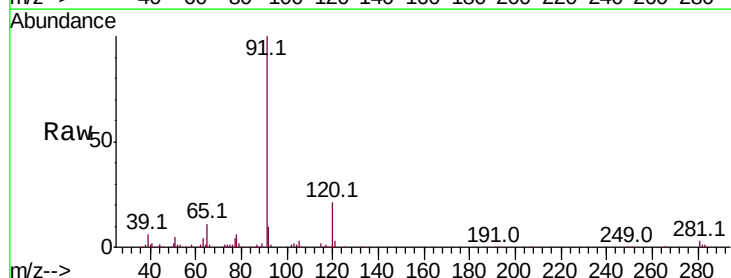
Acq: 23 Sep 2019 10:32

Tgt Ion: 91 Resp: 61909

Ion Ratio Lower Upper

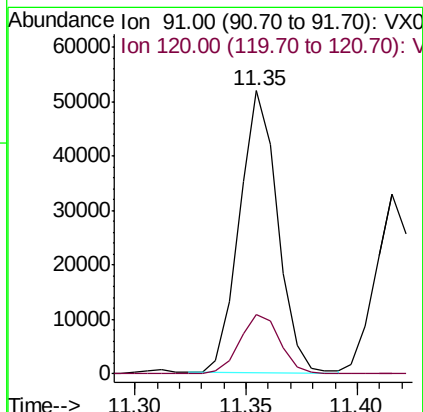
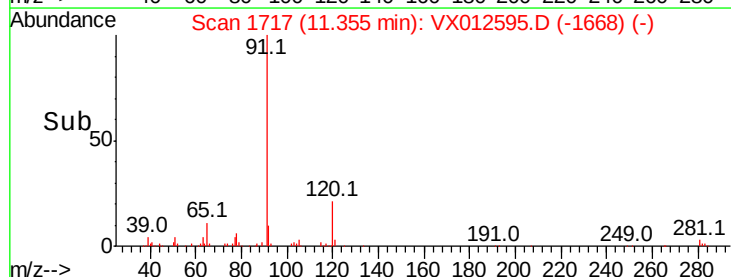
91 100

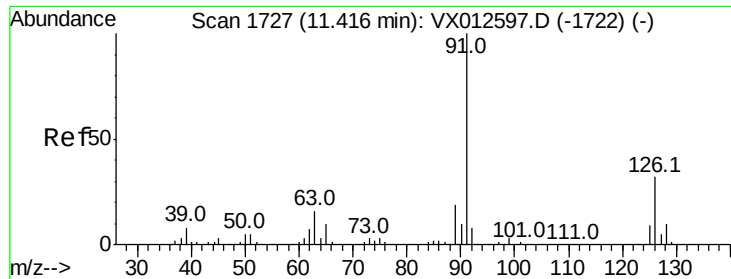
120 22.1 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

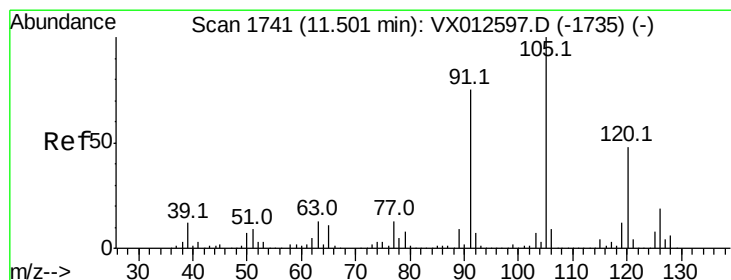
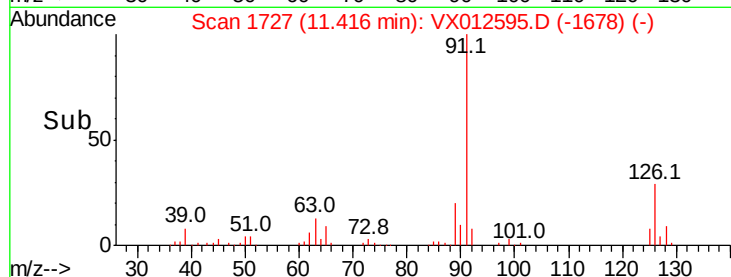
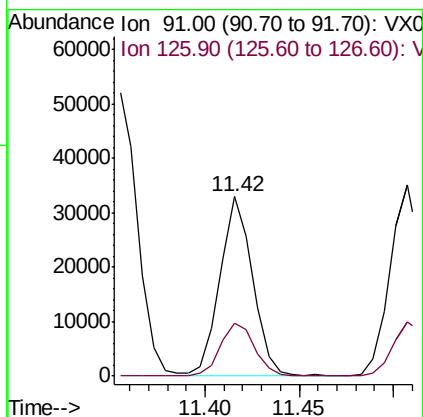
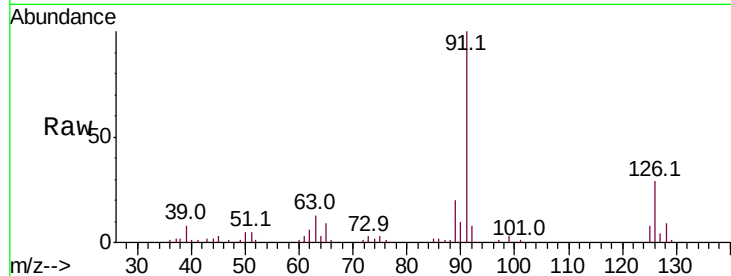




#79
 2-Chlorotoluene
 Concen: 6.251 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012595.D
 Acq: 23 Sep 2019 10:32

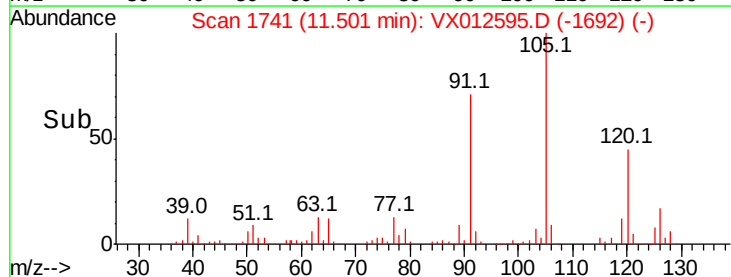
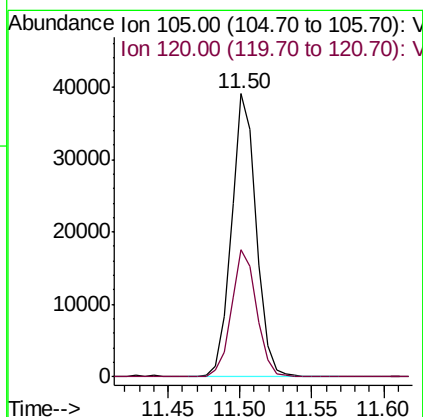
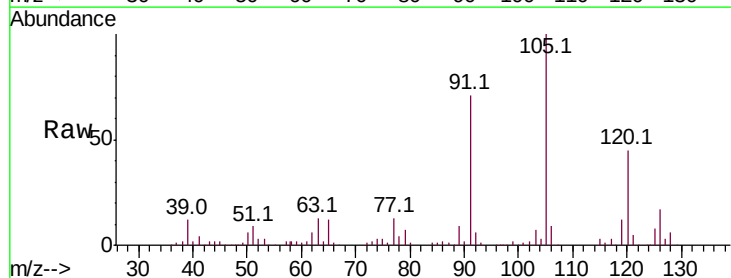
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

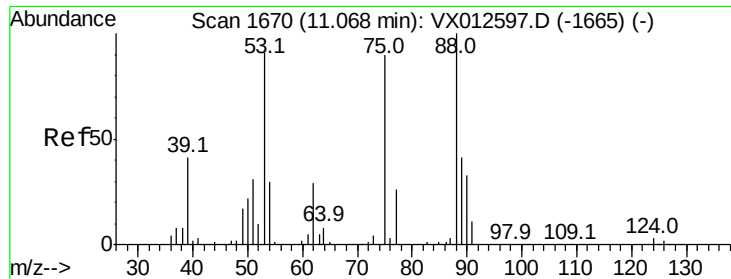
Tot Ion: 91 Resp: 39366
 Ion Ratio Lower Upper
 91 100
 126 31.3 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 6.369 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012595.D
 Acq: 23 Sep 2019 10:32

Tgt Ion: 105 Resp: 47200
 Ion Ratio Lower Upper
 105 100
 120 45.7 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 4.985 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

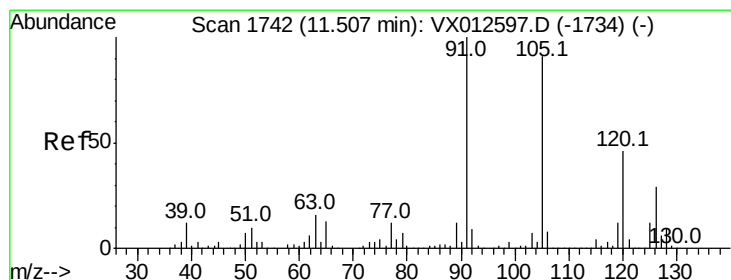
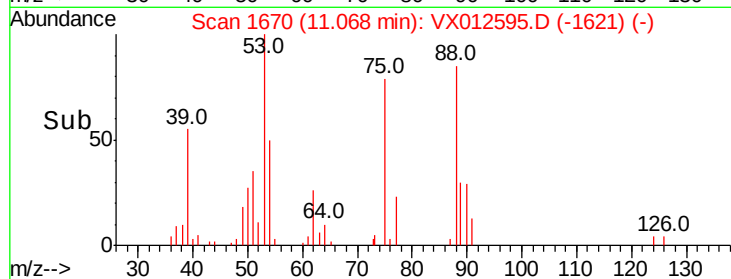
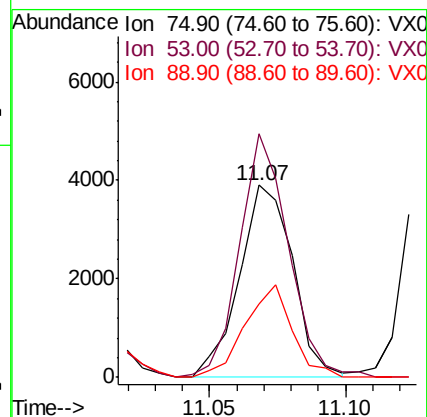
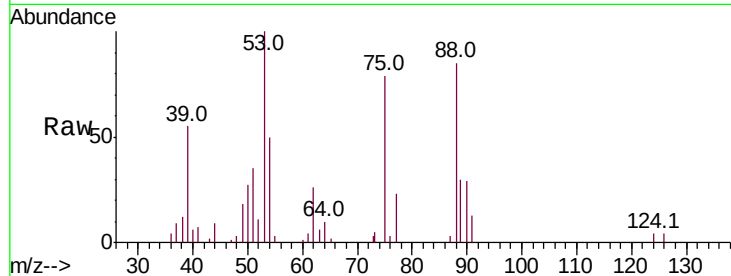
Tot Ion: 75 Resp: 5299

Ion Ratio Lower Upper

75 100

53 116.4 79.5 119.3

89 42.7 36.8 55.2



#82

4-Chlorotoluene

Concen: 6.100 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012595.D

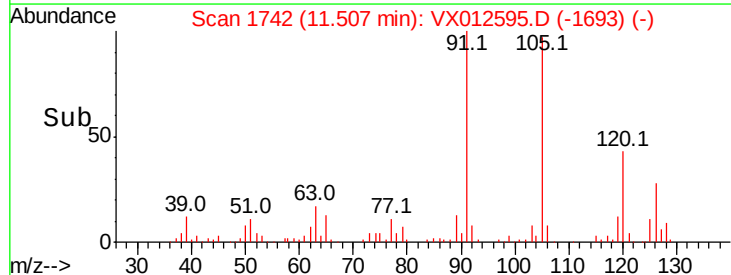
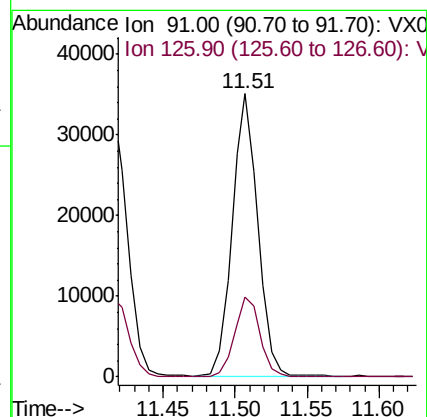
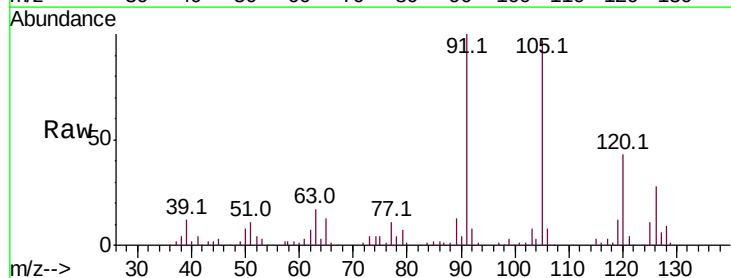
Acq: 23 Sep 2019 10:32

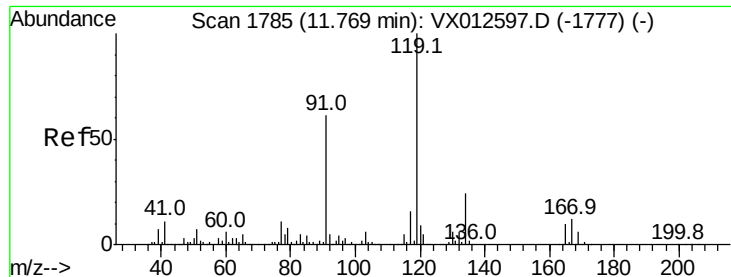
Tgt Ion: 91 Resp: 44040

Ion Ratio Lower Upper

91 100

126 27.9 13.9 41.7

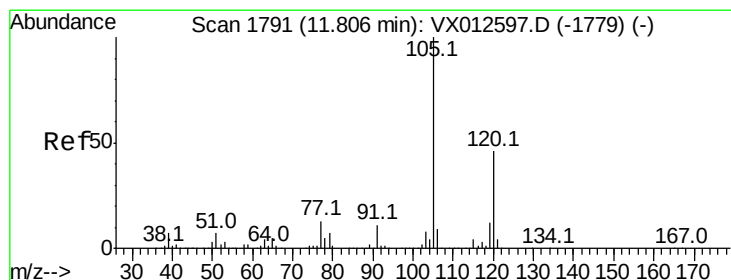
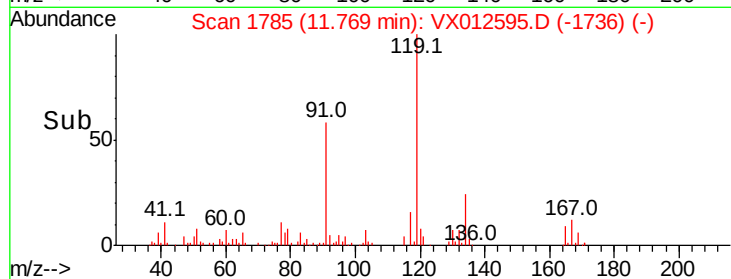
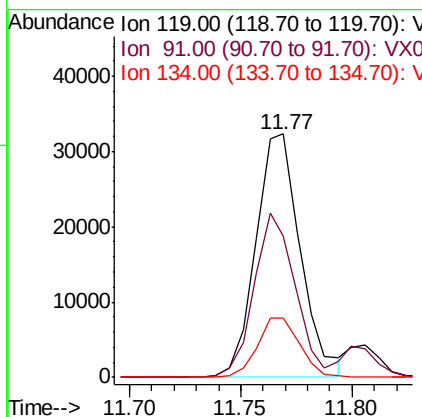
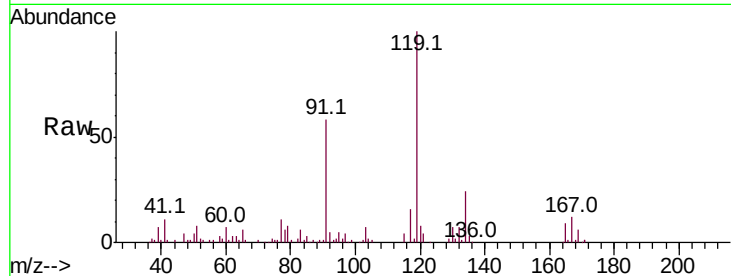




#83
 tert-Butylbenzene
 Concen: 5.772 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012595.D
 Acq: 23 Sep 2019 10:32

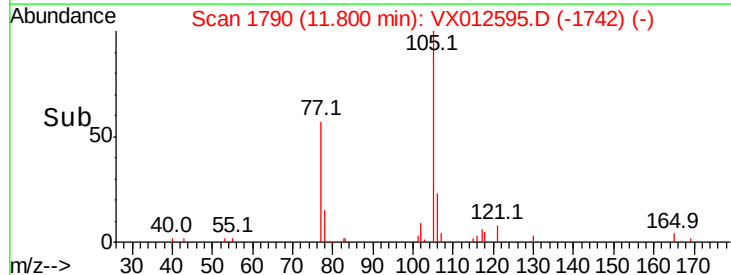
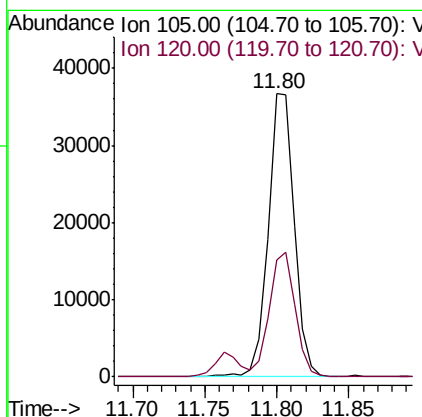
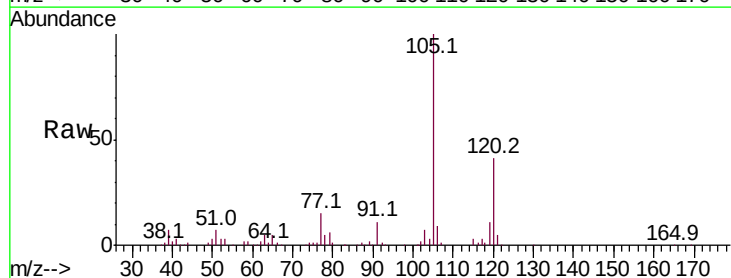
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

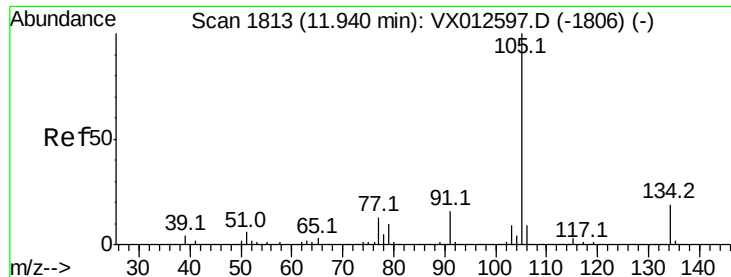
Tot Ion:119 Resp: 45001
 Ion Ratio Lower Upper
 119 100
 91 61.9 31.1 93.5
 134 23.2 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 6.052 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012595.D
 Acq: 23 Sep 2019 10:32

Tgt Ion:105 Resp: 45969
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.3 66.8





#85

sec-Butylbenzene

Concen: 6.001 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

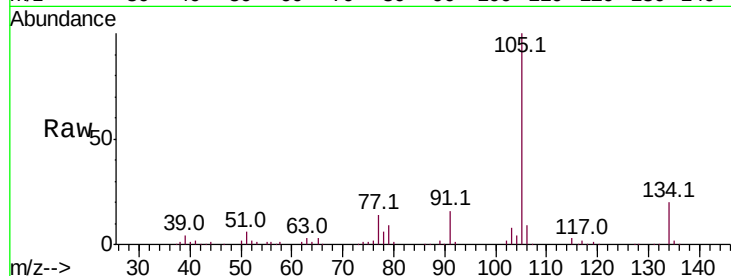
VSTDIC005

Tot Ion:105 Resp: 52036

Ion Ratio Lower Upper

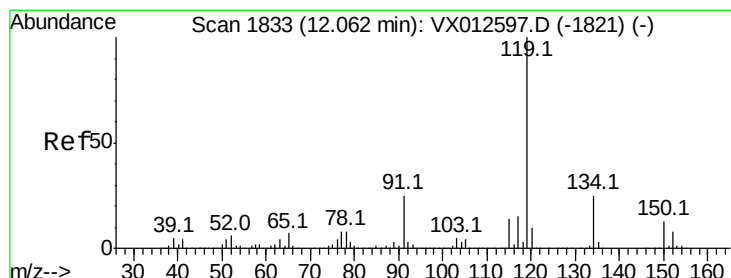
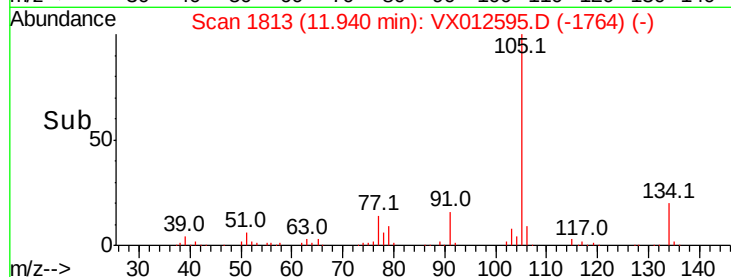
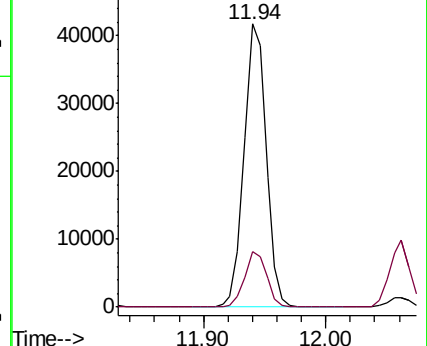
105 100

134 19.4 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.844 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

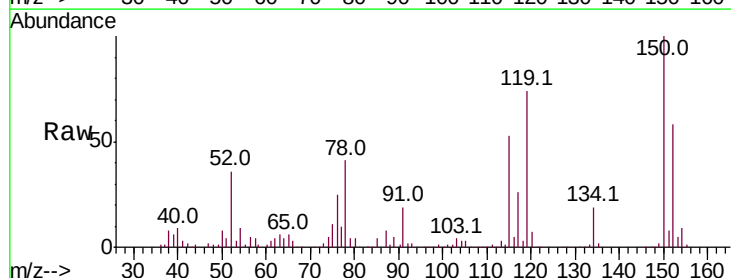
Tgt Ion:119 Resp: 46473

Ion Ratio Lower Upper

119 100

134 25.0 12.4 37.4

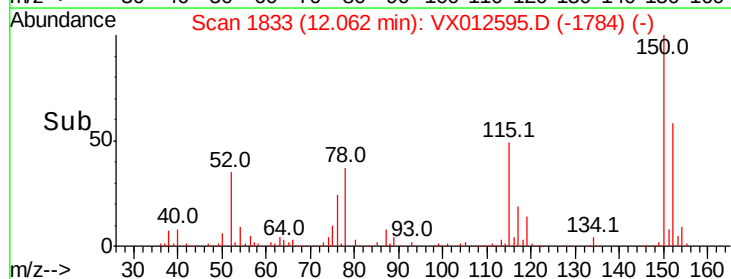
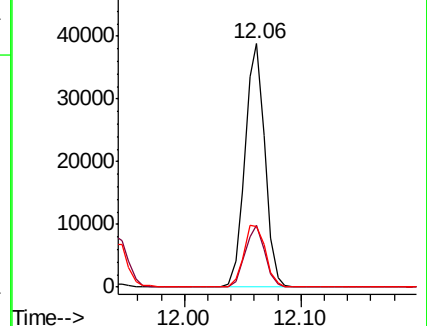
91 28.0 12.8 38.4

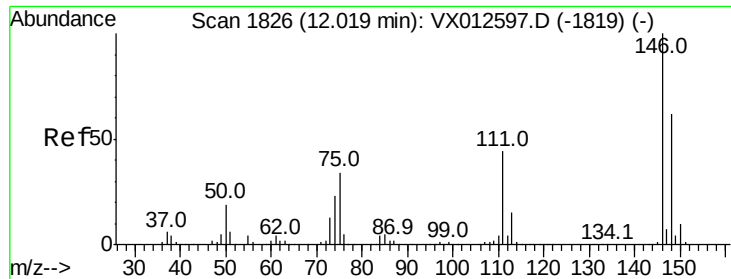


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

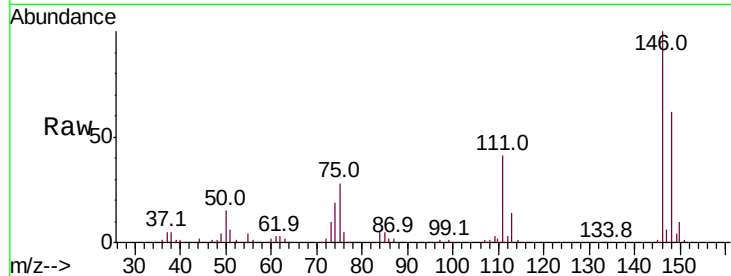




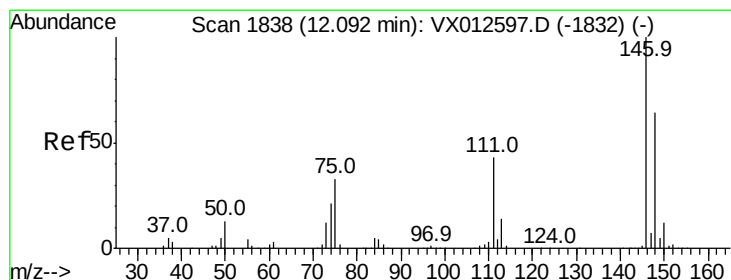
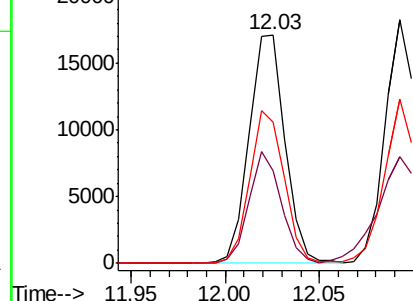
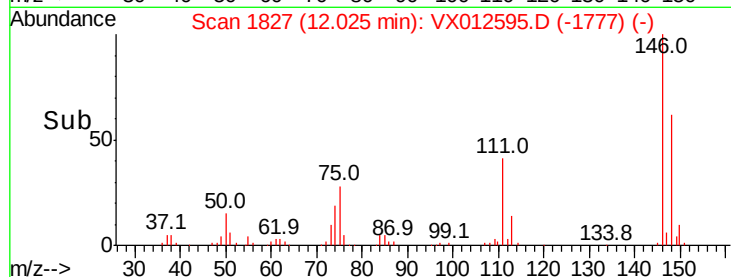
#87
 1,3-Dichlorobenzene
 Concen: 5.777 ug/l
 RT: 12.03 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: VX012595.D
 Acq: 23 Sep 2019 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:146 Resp: 22678
 Ion Ratio Lower Upper
 146 100
 111 44.0 22.3 66.9
 148 63.9 31.9 95.5

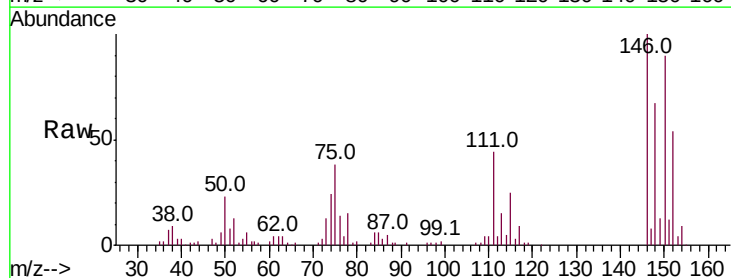


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

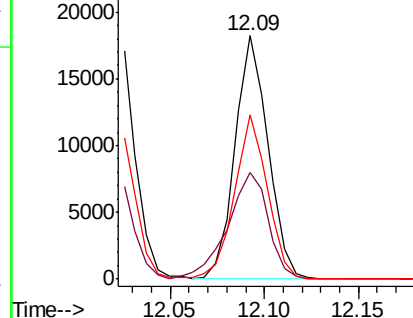
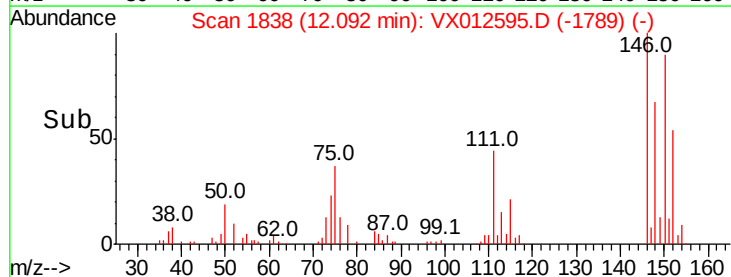


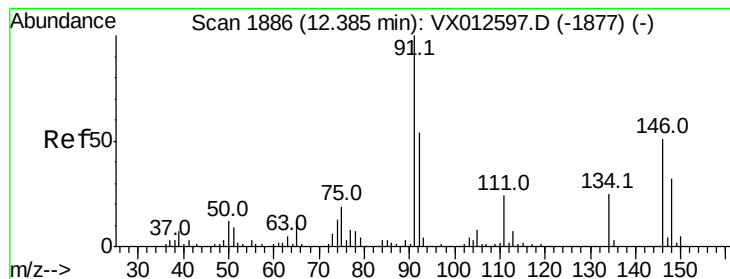
#88
 1,4-Dichlorobenzene
 Concen: 5.520 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012595.D
 Acq: 23 Sep 2019 10:32

Tgt Ion:146 Resp: 22209
 Ion Ratio Lower Upper
 146 100
 111 53.7 21.7 65.1
 148 67.2 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 5.482 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012595.D

Acq: 23 Sep 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

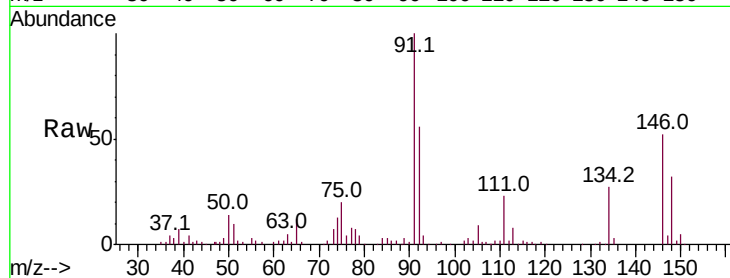
Tot Ion: 91 Resp: 38808

Ion Ratio Lower Upper

91 100

92 53.5 27.2 81.6

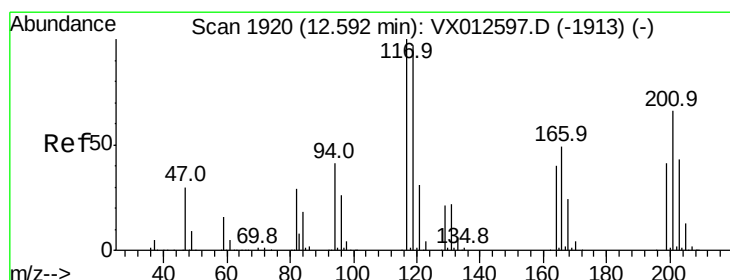
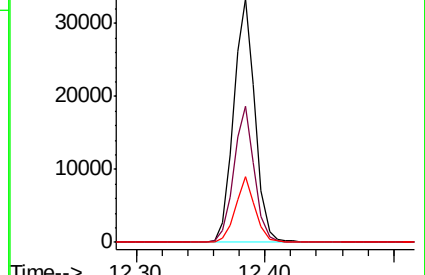
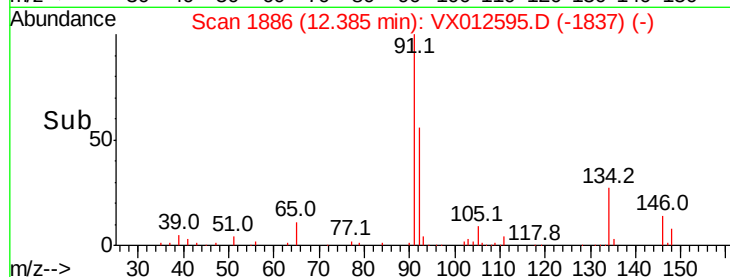
134 24.7 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX012597.D (-1877) (-)

Ion 92.00 (91.70 to 92.70): VX012597.D (-1877) (-)

Ion 134.00 (133.70 to 134.70): VX012597.D (-1877) (-)



#90

Hexachloroethane

Concen: 5.222 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012595.D

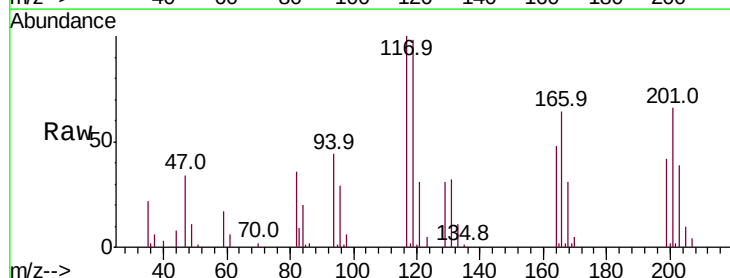
Acq: 23 Sep 2019 10:32

Tgt Ion: 117 Resp: 7532

Ion Ratio Lower Upper

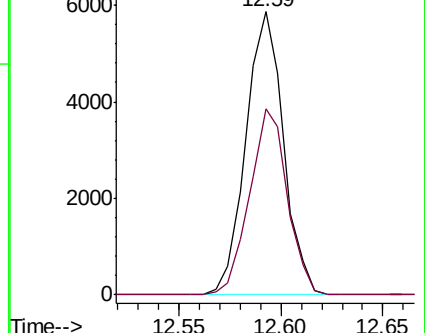
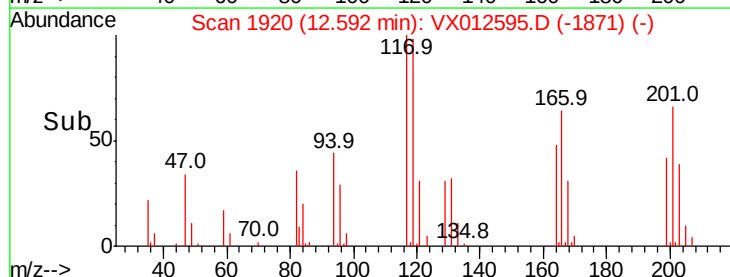
117 100

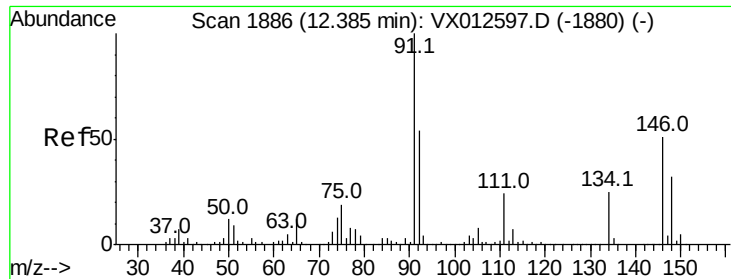
201 65.6 34.0 101.8



Abundance Ion 116.80 (116.50 to 117.50): VX012597.D (-1913) (-)

Ion 200.70 (200.40 to 201.40): VX012597.D (-1913) (-)

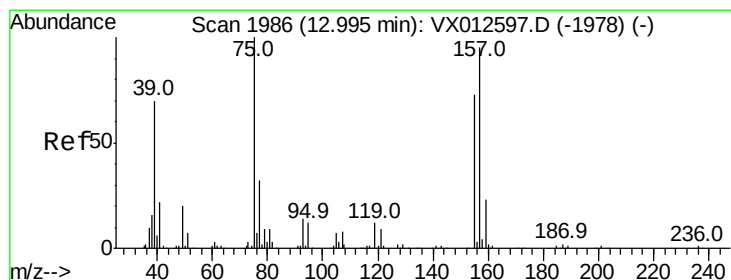
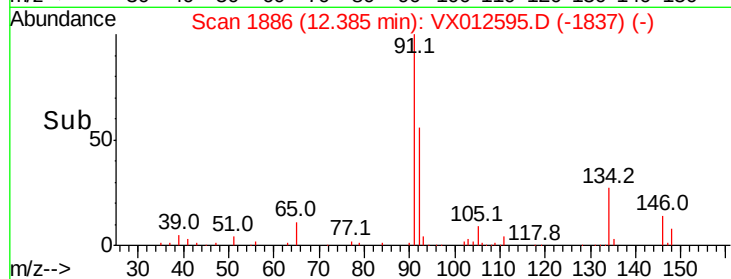
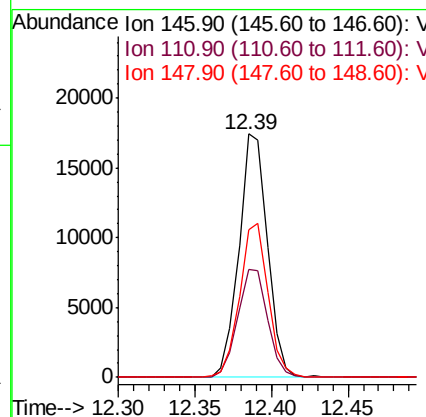
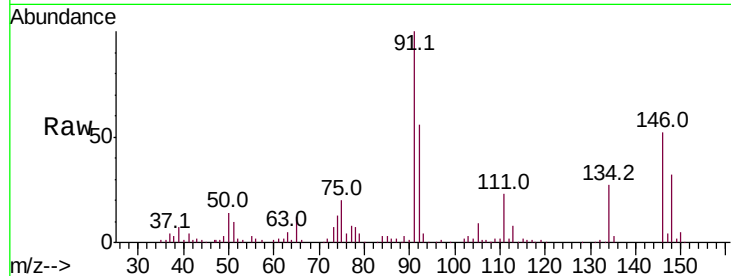




#91
 1,2-Dichlorobenzene
 Concen: 5.550 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012595.D
 Acq: 23 Sep 2019 10:32

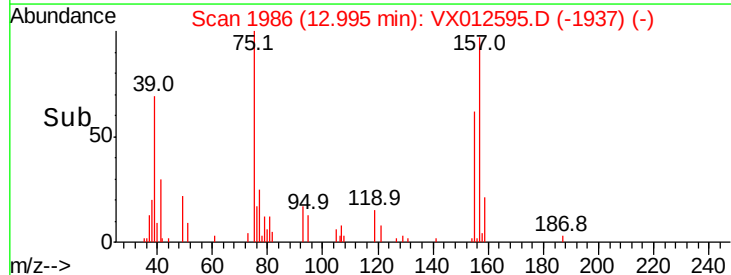
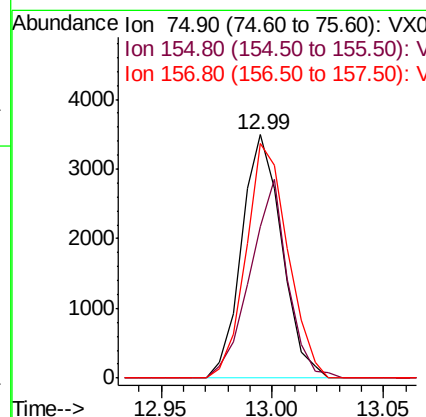
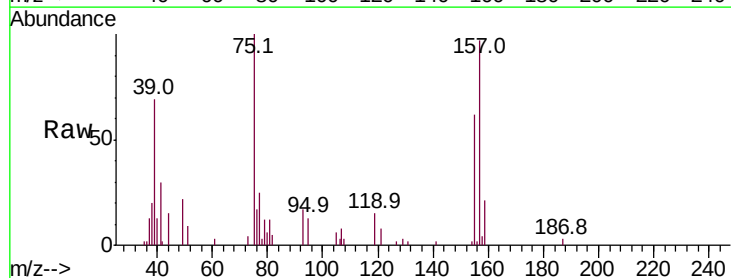
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

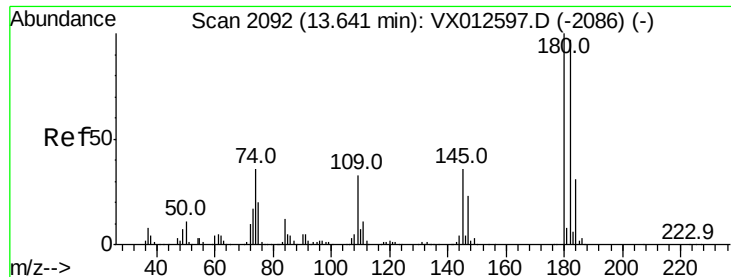
Tot Ion:146 Resp: 22580
 Ion Ratio Lower Upper
 146 100
 111 46.4 22.8 68.4
 148 62.7 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.117 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012595.D
 Acq: 23 Sep 2019 10:32

Tgt Ion: 75 Resp: 4395
 Ion Ratio Lower Upper
 75 100
 155 76.1 38.7 116.1
 157 100.3 48.5 145.6

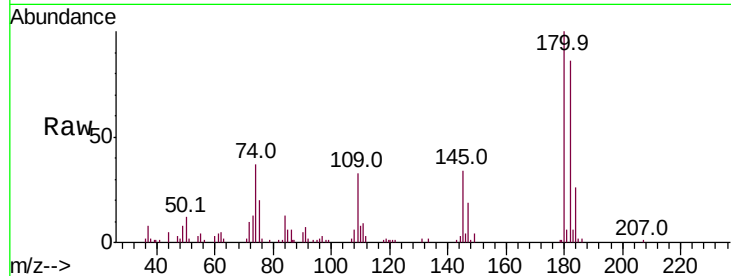




#93
 1,2,4-Trichlorobenzene
 Concen: 5.024 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012595.D
 Acq: 23 Sep 2019 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.7	47.8	143.3
145	32.6	17.1	51.3

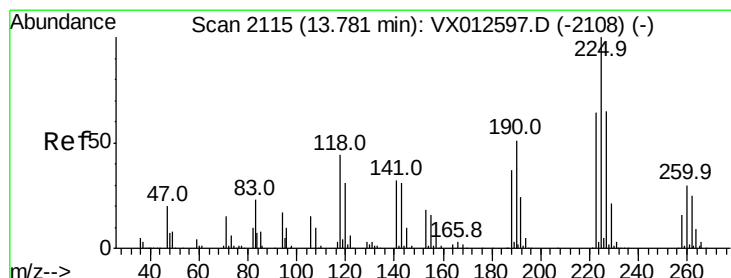
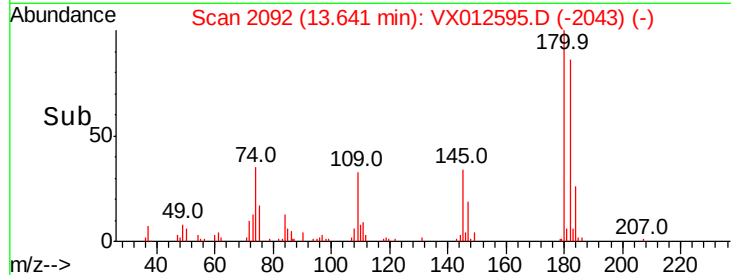
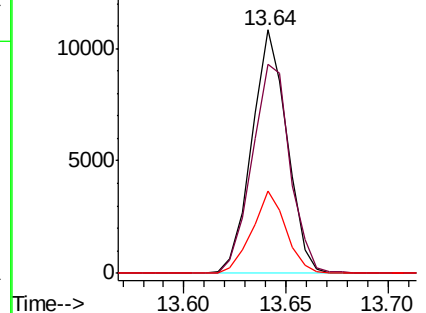


Abundance

Ion 179.80 (179.50 to 180.50): V

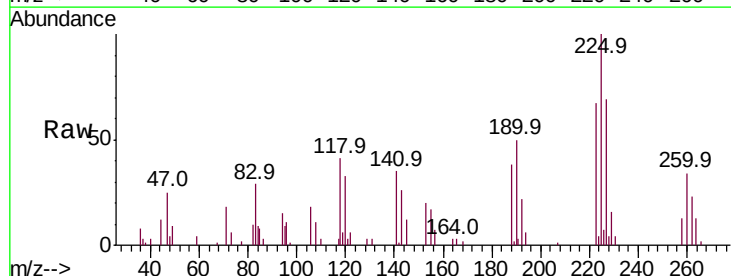
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 4.604 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012595.D
 Acq: 23 Sep 2019 10:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	31.7	95.1
227	67.0	31.1	93.5

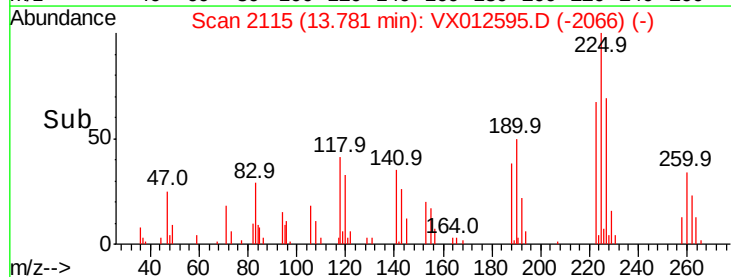
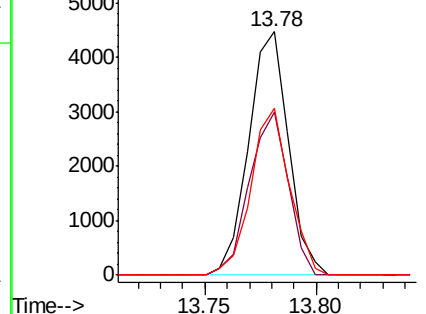


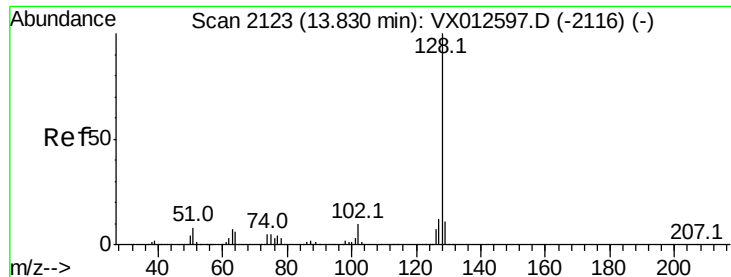
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

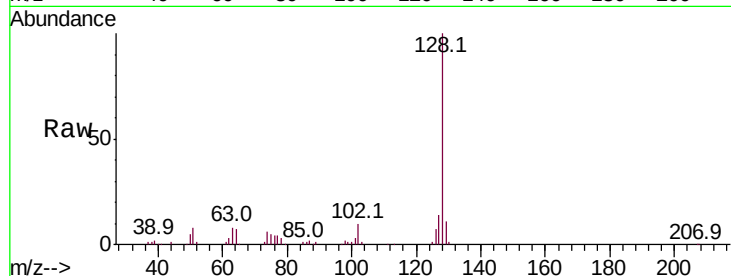




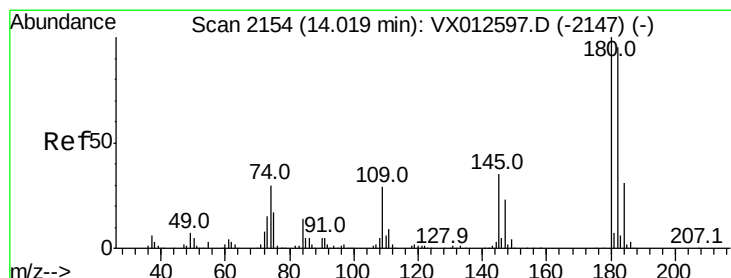
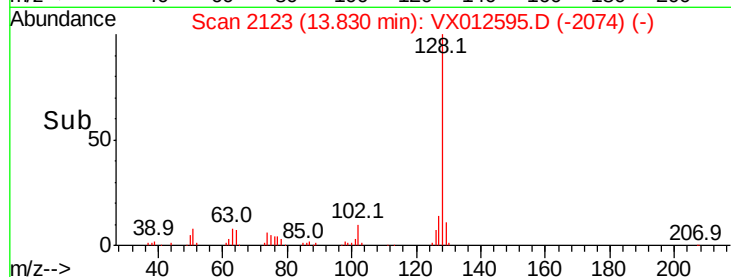
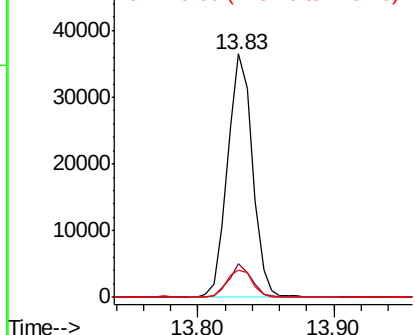
#95
Naphthalene
Concen: 5.016 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012595.D
Acq: 23 Sep 2019 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:128 Resp: 46416
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.6 8.6 12.8

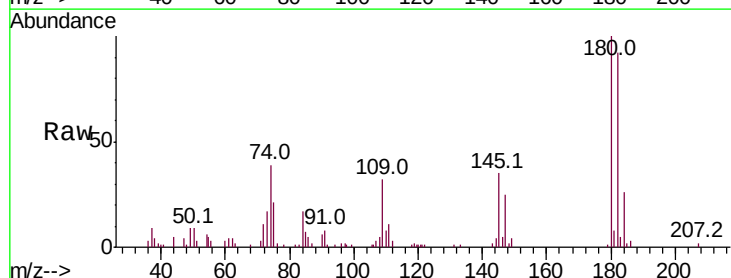


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 5.046 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX012595.D
Acq: 23 Sep 2019 10:32

Tgt Ion:180 Resp: 13292
Ion Ratio Lower Upper
180 100
182 92.5 46.8 140.3
145 34.9 18.4 55.0



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

