

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100319\
 Data File : VX012799.D
 Acq On : 03 Oct 2019 21:16
 Operator : JC/SP
 Sample : K5157-04MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0539MSD

Quant Time: Oct 04 06:53:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	161449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	278669	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114862	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	113272	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
35) Dibromofluoromethane	5.49	113	88075	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	
50) Toluene-d8	8.71	98	323489	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
62) 4-Bromofluorobenzene	11.13	95	126730	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	70171	38.635	ug/l	99
3) Chloromethane	1.32	50	85005	40.758	ug/l	99
4) Vinyl Chloride	1.40	62	91513	44.145	ug/l	94
5) Bromomethane	1.62	94	30109	36.941	ug/l	95
6) Chloroethane	1.71	64	57423	41.090	ug/l	94
7) Trichlorofluoromethane	1.92	101	126307	43.397	ug/l	98
8) Diethyl Ether	2.18	74	52734	44.212	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	77318	43.615	ug/l	97
10) Methyl Iodide	2.50	142	81873	44.450	ug/l	93
11) Tert butyl alcohol	3.04	59	130393	222.022	ug/l	99
12) 1,1-Dichloroethene	2.36	96	80194	46.198	ug/l	99
13) Acrolein	2.28	56	78891	241.501	ug/l	98
14) Allyl chloride	2.72	41	147821	42.922	ug/l	96
15) Acrylonitrile	3.13	53	277663	233.036	ug/l	99
16) Acetone	2.44	43	237082	190.384	ug/l	96
17) Carbon Disulfide	2.56	76	203411	41.799	ug/l	100
18) Methyl Acetate	2.76	43	127489	43.479	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	306353	46.626	ug/l	99
20) Methylene Chloride	2.84	84	96968	46.039	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	92918	48.317	ug/l	97
22) Diisopropyl ether	3.84	45	300812	45.203	ug/l	99
23) Vinyl Acetate	3.80	43	1264144	216.618	ug/l	98
24) 1,1-Dichloroethane	3.69	63	168826	46.672	ug/l	99
25) 2-Butanone	4.66	43	383710	214.897	ug/l	95
26) 2,2-Dichloropropane	4.57	77	114052	35.451	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	108749	48.736	ug/l	89
28) Bromochloromethane	5.00	49	64707	49.265	ug/l	96
29) Tetrahydrofuran	5.12	42	248793	228.607	ug/l	96
30) Chloroform	5.20	83	170912	46.182	ug/l	98
31) Cyclohexane	5.57	56	140231	42.852	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	149550	45.596	ug/l	99
36) 1,1-Dichloropropene	5.79	75	122468	45.594	ug/l	98
37) Ethyl Acetate	4.82	43	139172	44.318	ug/l	97
38) Carbon Tetrachloride	5.78	117	124527	45.638	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	135627	41.942	ug/l	95
40) Benzene	6.13	78	374978	47.446	ug/l	100
41) Methacrylonitrile	5.03	41	83632	47.466	ug/l	96
42) 1,2-Dichloroethane	6.18	62	140212	46.719	ug/l	97
43) Isopropyl Acetate	6.43	43	232067	44.190	ug/l	97
44) Trichloroethene	7.21	130	95494	47.265	ug/l	96
45) 1,2-Dichloropropane	7.51	63	97731	48.300	ug/l	97
46) Dibromomethane	7.65	93	65944	47.867	ug/l	99
47) Bromodichloromethane	7.89	83	131515	47.765	ug/l	98
48) Methyl methacrylate	7.76	41	116261	46.170	ug/l	93
49) 1,4-Dioxane	7.73	88	53247	932.280	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	761087	234.780	ug/l	95
52) Toluene	8.78	92	239849	48.286	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	139126	45.669	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	152072	45.720	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	99941	50.608	ug/l	97
56) Ethyl methacrylate	9.17	69	161211	48.591	ug/l	91
57) 1,3-Dichloropropane	9.37	76	168867	48.858	ug/l	99
59) 2-Hexanone	9.48	43	589263	237.479	ug/l	94
60) Dibromochloromethane	9.58	129	98370	49.207	ug/l	99
61) 1,2-Dibromoethane	9.67	107	101958	49.609	ug/l	99
64) Tetrachloroethene	9.33	164	79187	45.464	ug/l	97
65) Chlorobenzene	10.14	112	249683	47.463	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	94293	49.471	ug/l	99
67) Ethyl Benzene	10.25	91	455246	47.713	ug/l	99
68) m/p-Xylenes	10.36	106	339913	95.103	ug/l	99
69) o-Xylene	10.70	106	166979	48.282	ug/l	98
70) Styrene	10.71	104	289497	49.932	ug/l	98
71) Bromoform	10.85	173	67966	51.211	ug/l #	99
73) Isopropylbenzene	11.01	105	444739	47.540	ug/l	100
74) N-amyl acetate	10.89	43	202964	45.476	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	155355	50.142	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	173423	57.077	ug/l	87
77) Bromobenzene	11.25	156	104790	49.492	ug/l	96
78) n-propylbenzene	11.35	91	484151	45.968	ug/l	99
79) 2-Chlorotoluene	11.42	91	308982	47.028	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	378931	48.302	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	43525	41.052	ug/l	98
82) 4-Chlorotoluene	11.51	91	345657	46.151	ug/l	99
83) tert-Butylbenzene	11.77	119	367330	48.540	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	378663	47.848	ug/l	100
85) sec-Butylbenzene	11.94	105	422780	48.032	ug/l	100
86) p-Isopropyltoluene	12.06	119	385326	48.517	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	189206	49.656	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	183056	47.543	ug/l	99
89) n-Butylbenzene	12.39	91	317072	45.305	ug/l	99
90) Hexachloroethane	12.59	117	66632	47.059	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	190334	49.894	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	37868	48.860	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	113807	48.919	ug/l	100

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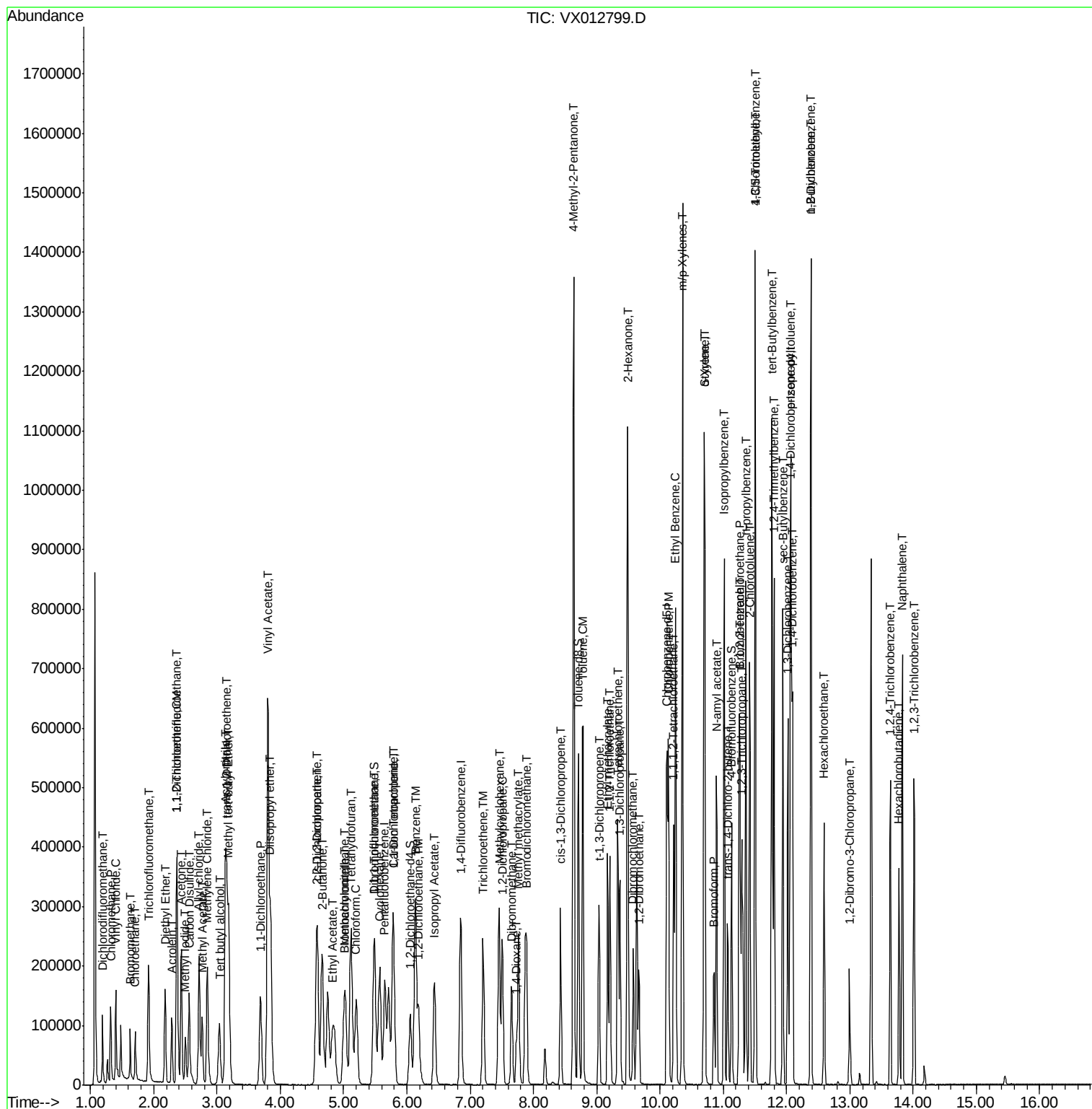
Instrument :
MSVOA_X
ClientSampleId :
S49-0539MSD

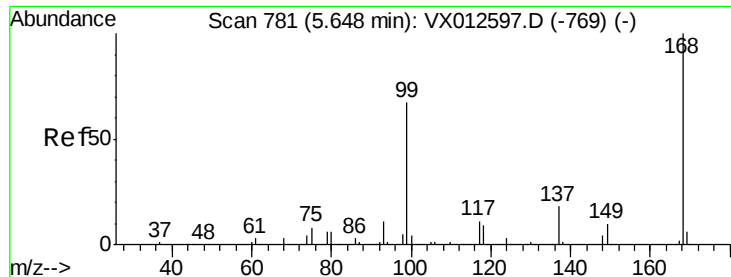
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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	49798	49.757	ug/l	98
95) Naphthalene	13.83	128	415425	49.355	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	114781	49.253	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

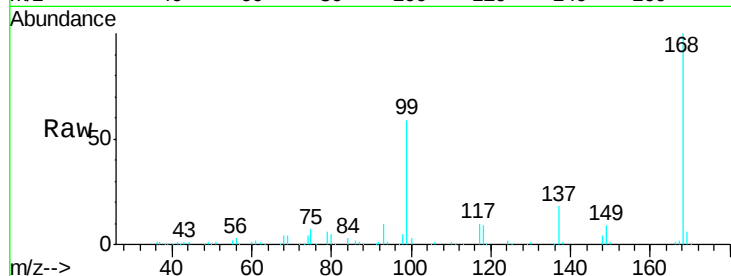
S49-0539MSD

Tgt Ion:168 Resp: 161449

Ion Ratio Lower Upper

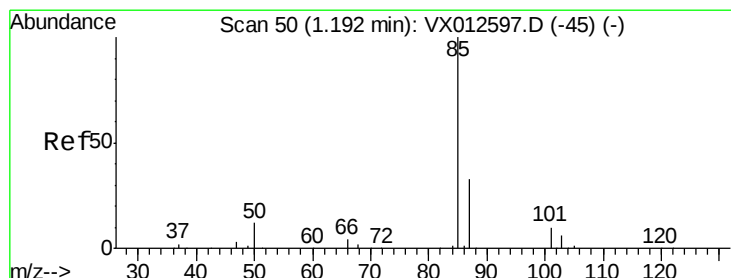
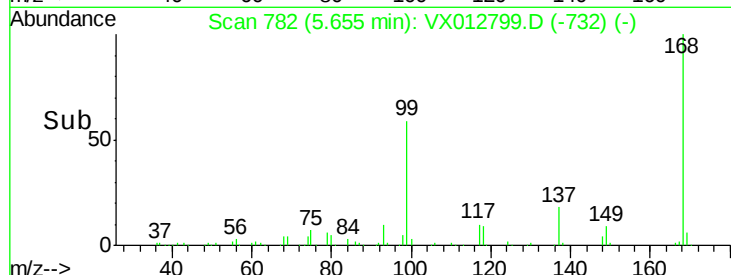
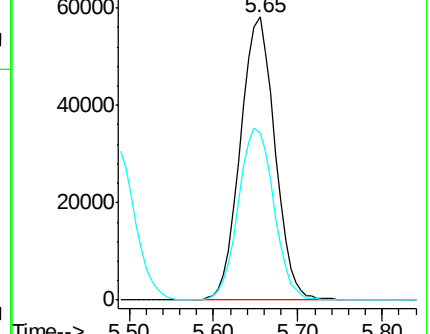
168 100

99 58.9 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 38.635 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012799.D

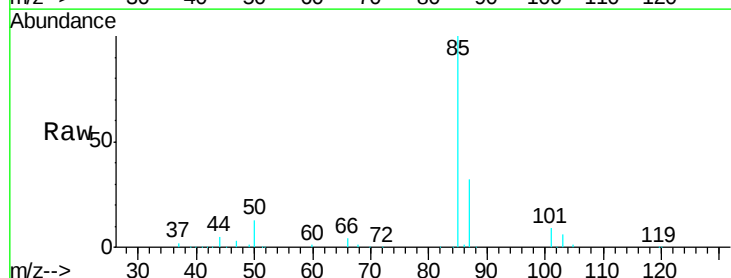
Acq: 03 Oct 2019 21:16

Tgt Ion: 85 Resp: 70171

Ion Ratio Lower Upper

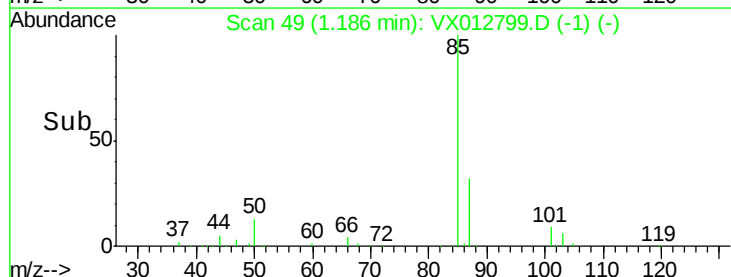
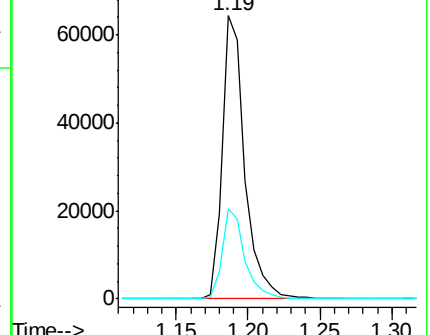
85 100

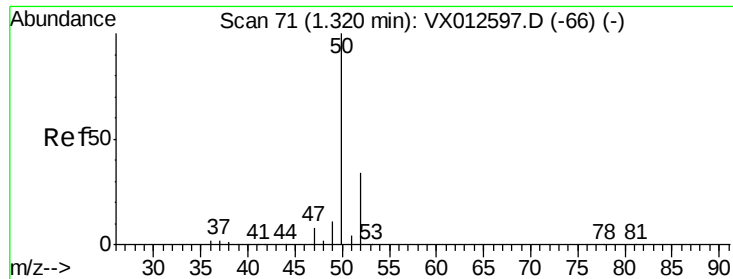
87 31.8 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 40.758 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

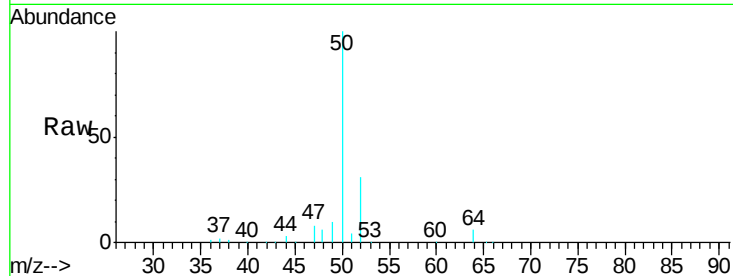
S49-0539MSD

Tgt Ion: 50 Resp: 85005

Ion Ratio Lower Upper

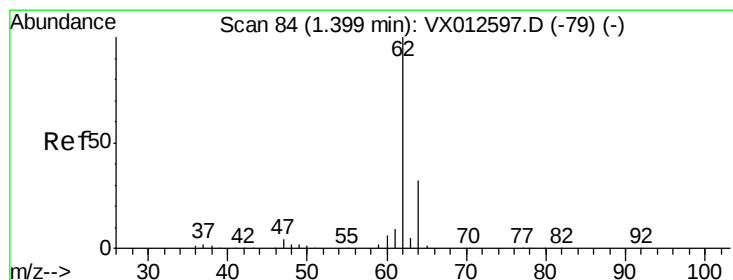
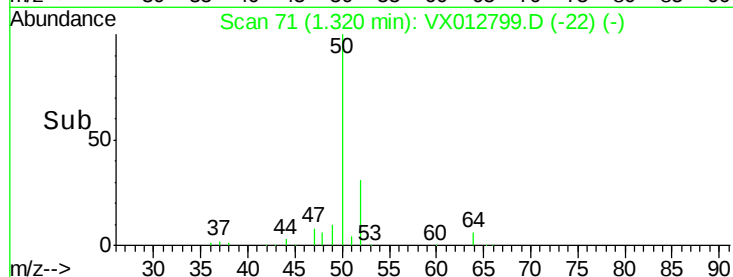
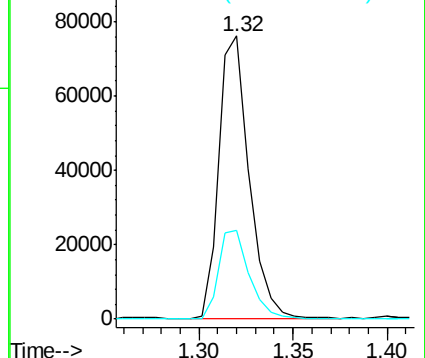
50 100

52 31.5 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.145 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012799.D

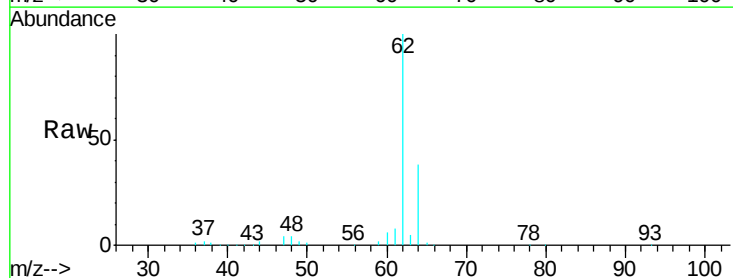
Acq: 03 Oct 2019 21:16

Tgt Ion: 62 Resp: 91513

Ion Ratio Lower Upper

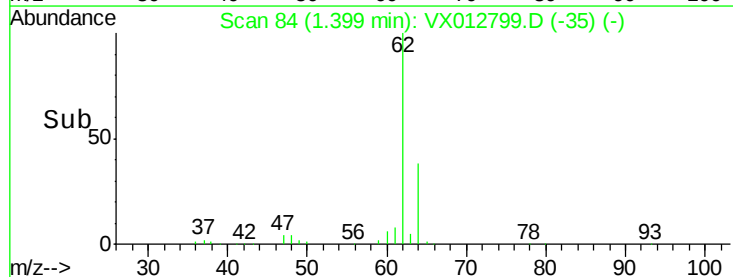
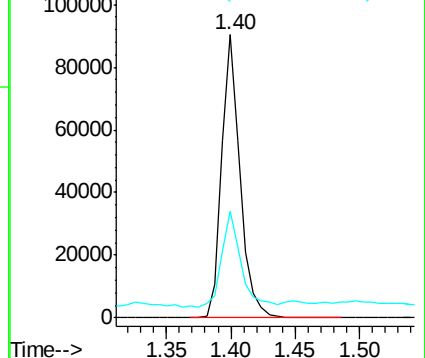
62 100

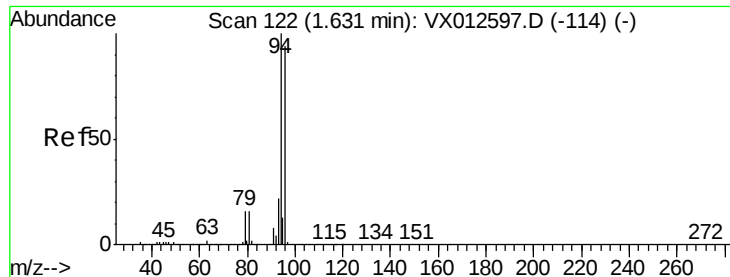
64 33.5 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 36.941 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

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ClientSampleId :

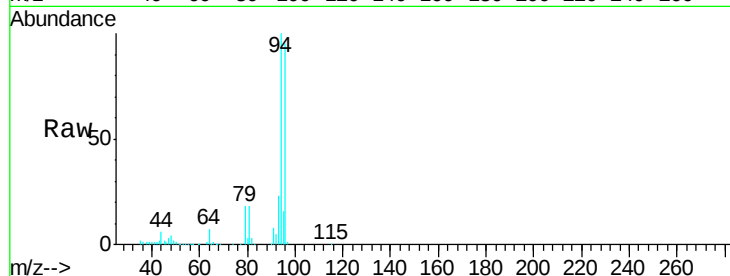
S49-0539MSD

Tgt Ion: 94 Resp: 30109

Ion Ratio Lower Upper

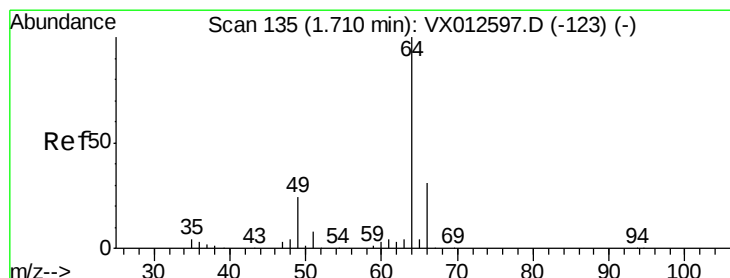
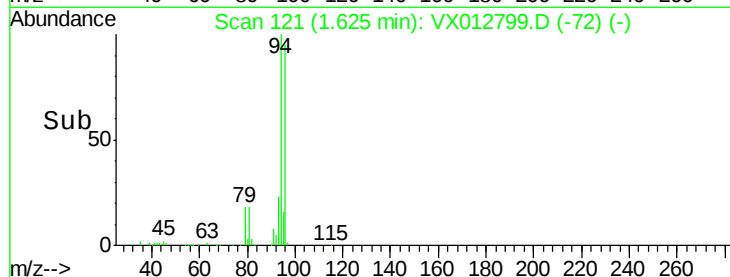
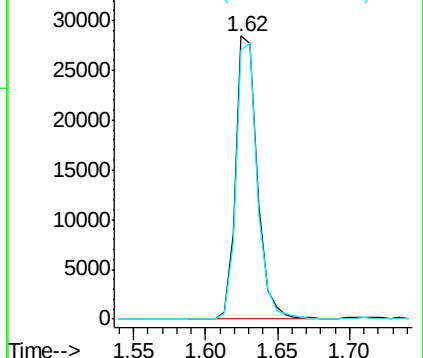
94 100

96 95.3 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 41.090 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012799.D

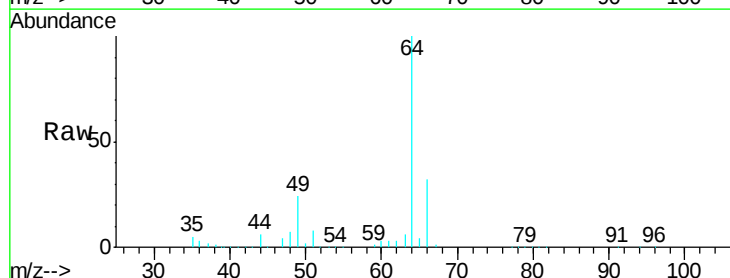
Acq: 03 Oct 2019 21:16

Tgt Ion: 64 Resp: 57423

Ion Ratio Lower Upper

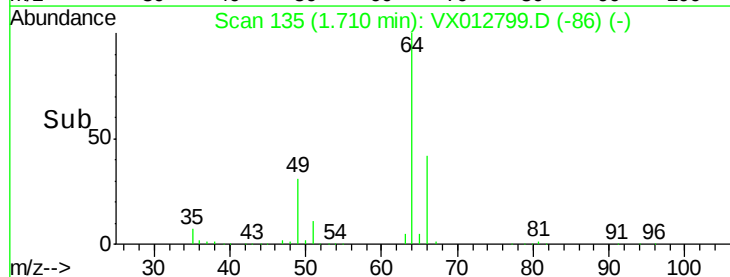
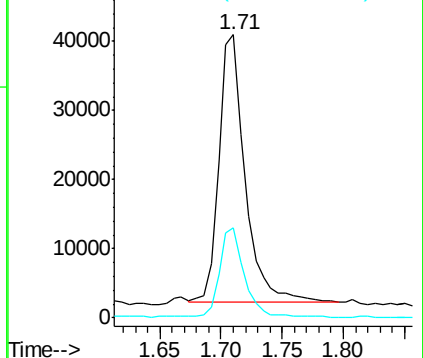
64 100

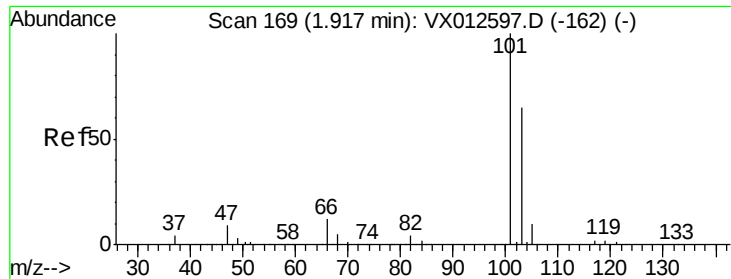
66 33.4 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



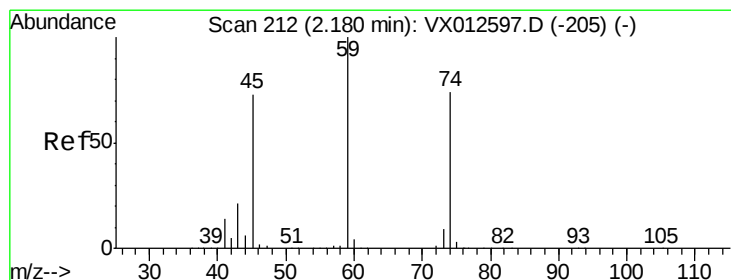
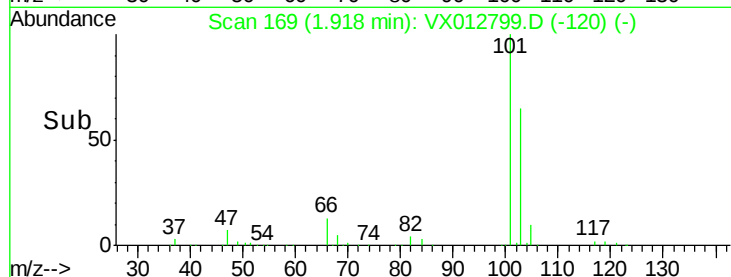
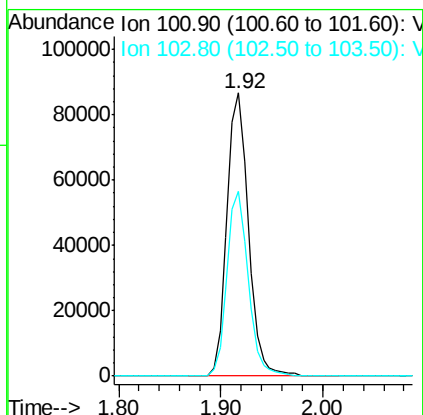
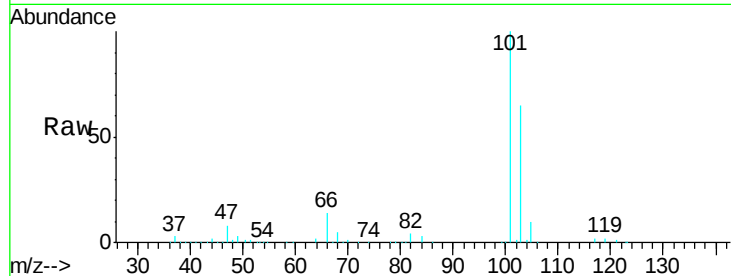


#7

Trichlorofluoromethane
 Concen: 43.397 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0539MSD

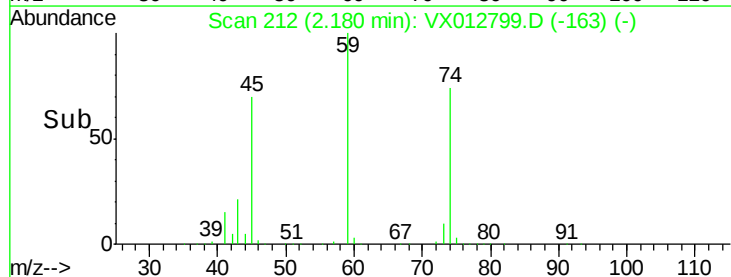
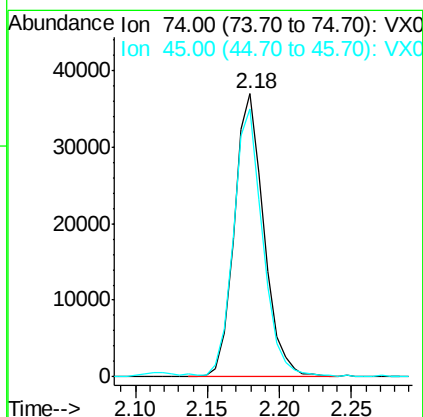
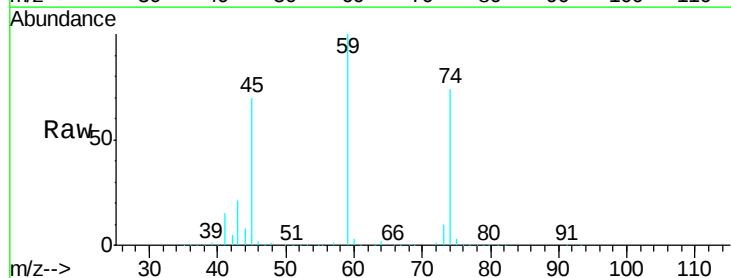
Tgt Ion:101 Resp: 126307
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.0 76.4

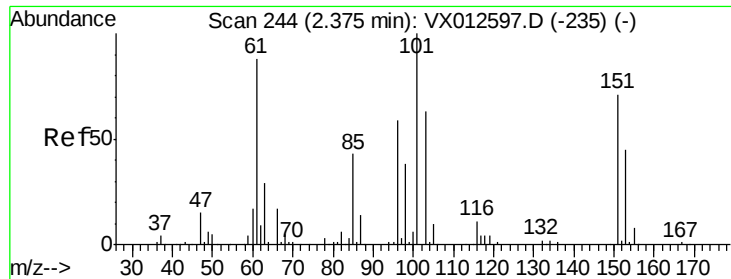


#8

Diethyl Ether
 Concen: 44.212 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

Tgt Ion: 74 Resp: 52734
 Ion Ratio Lower Upper
 74 100
 45 93.5 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.615 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampled :

S49-0539MSD

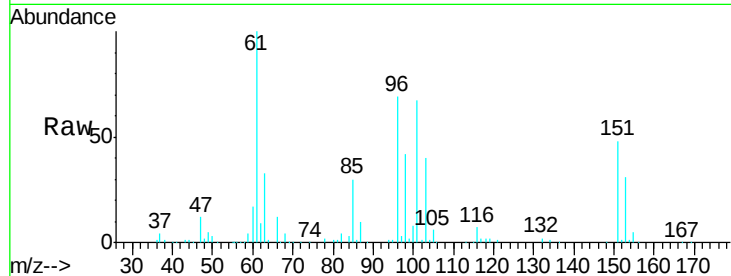
Tgt Ion:101 Resp: 77318

Ion Ratio Lower Upper

101 100

85 44.8 37.3 55.9

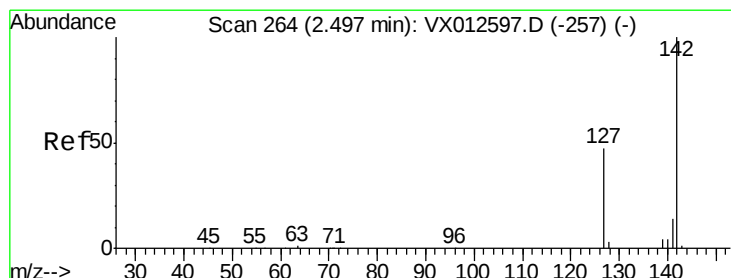
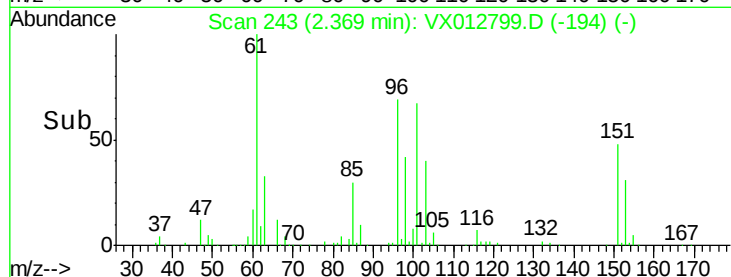
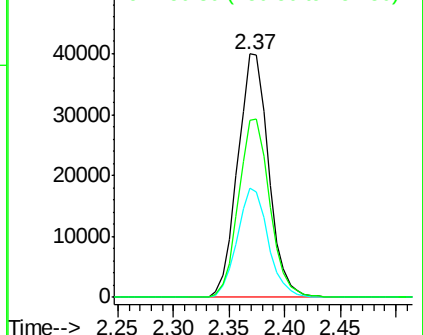
151 74.1 61.0 91.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.450 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

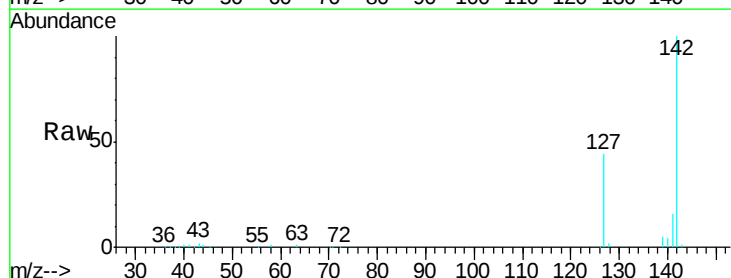
Tgt Ion:142 Resp: 81873

Ion Ratio Lower Upper

142 100

127 45.0 40.8 61.2

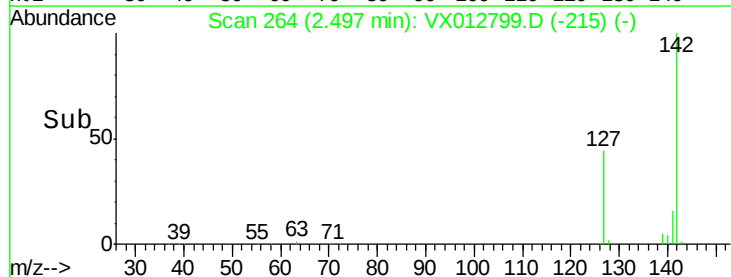
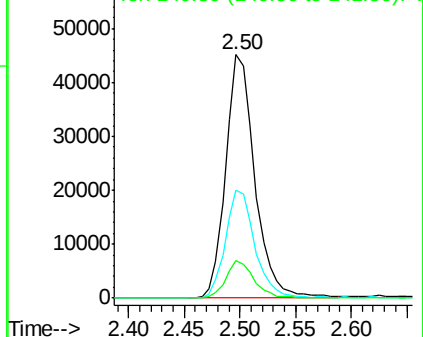
141 14.8 12.1 18.1

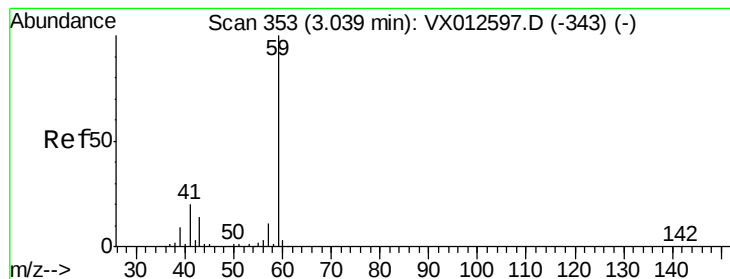


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



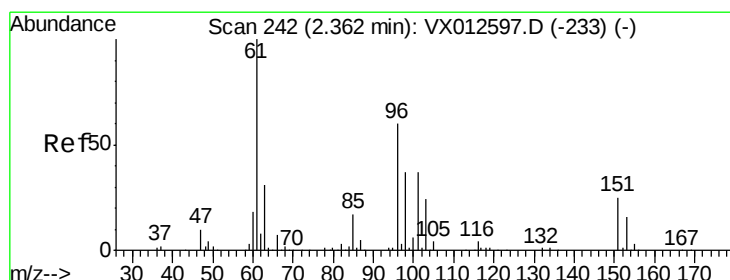
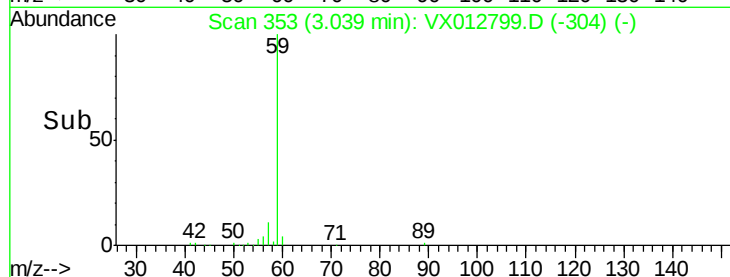
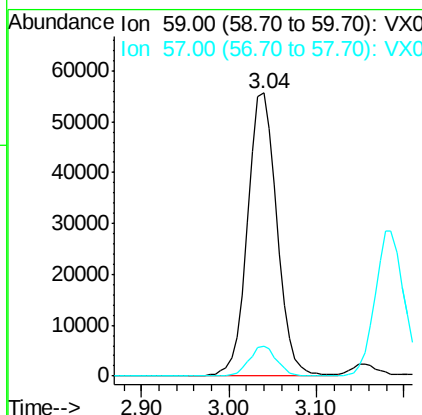
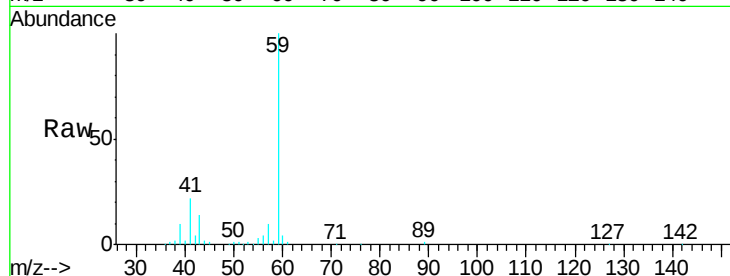


#11

Tert butyl alcohol
 Concen: 222.022 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0539MSD

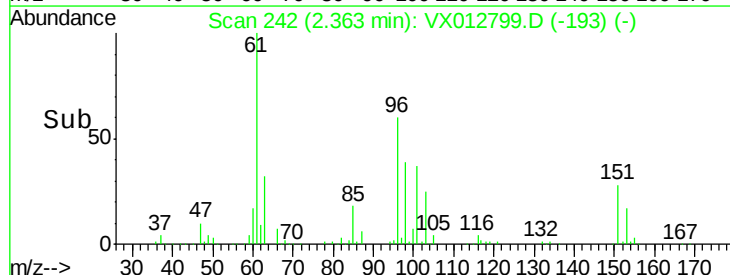
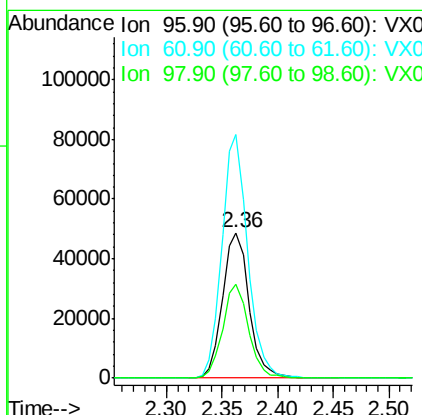
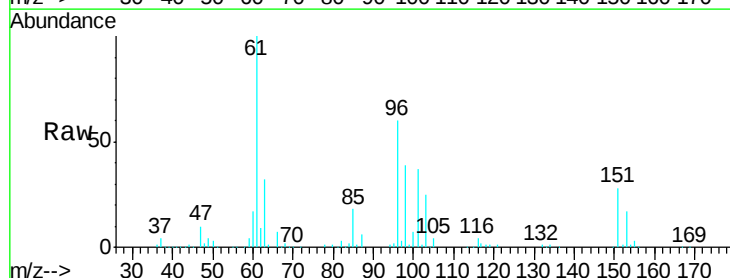
Tgt Ion: 59 Resp: 130393
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.3 12.5

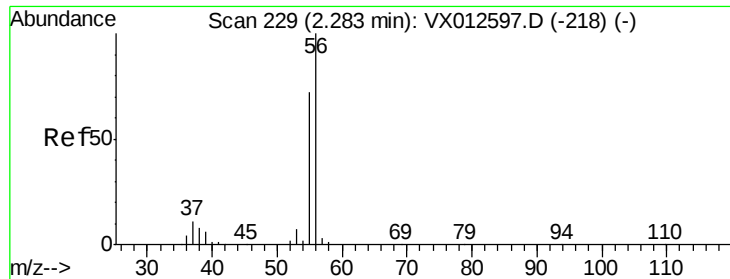


#12

1,1-Dichloroethene
 Concen: 46.198 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

Tgt Ion: 96 Resp: 80194
 Ion Ratio Lower Upper
 96 100
 61 167.5 133.8 200.6
 98 64.8 49.9 74.9





#13

Acrolein

Concen: 241.501 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

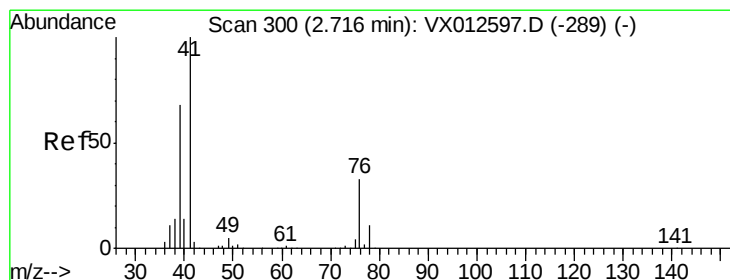
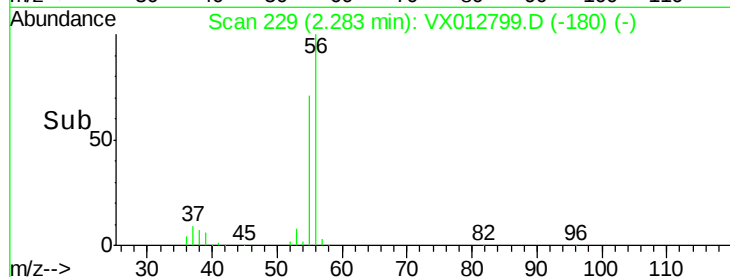
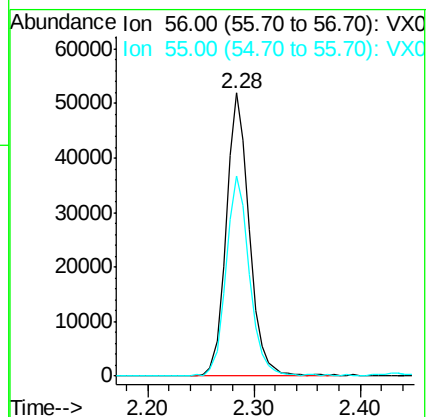
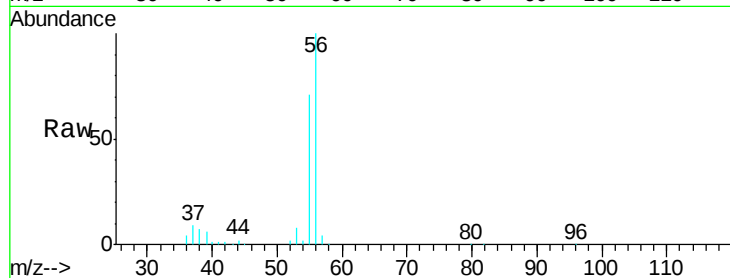
S49-0539MSD

Tgt Ion: 56 Resp: 78891

Ion Ratio Lower Upper

56 100

55 71.5 55.8 83.8



#14

Allyl chloride

Concen: 42.922 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

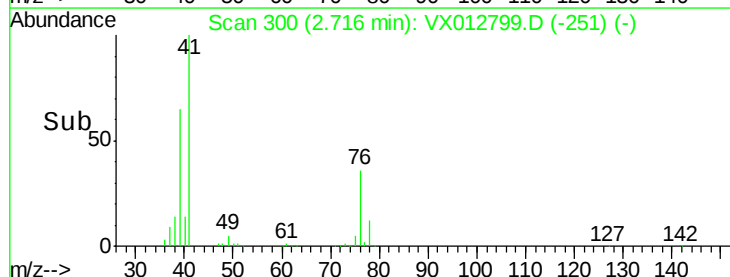
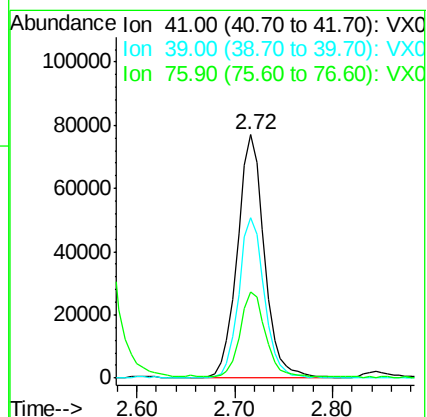
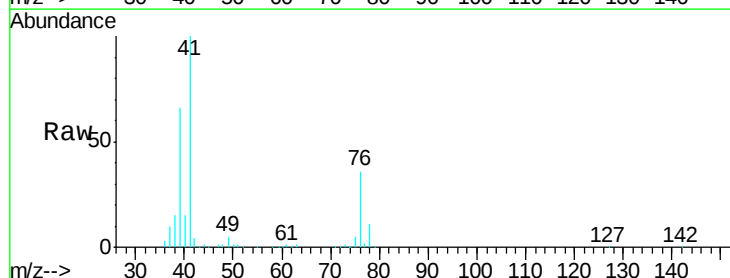
Tgt Ion: 41 Resp: 147821

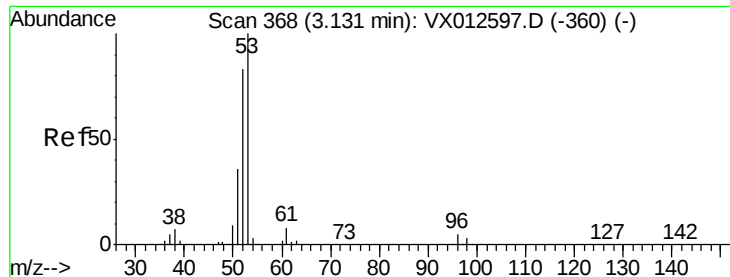
Ion Ratio Lower Upper

41 100

39 62.7 51.3 76.9

76 32.7 22.6 33.8





#15

Acrylonitrile

Concen: 233.036 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

S49-0539MSD

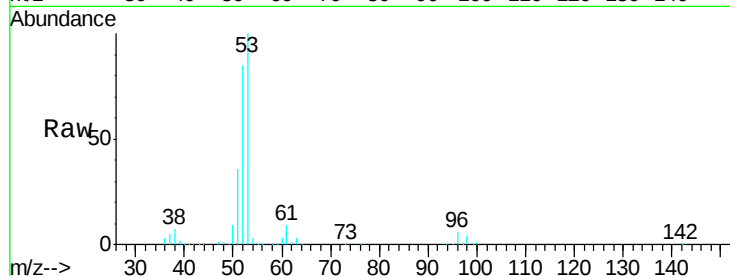
Tgt Ion: 53 Resp: 277663

Ion Ratio Lower Upper

53 100

52 82.9 67.0 100.4

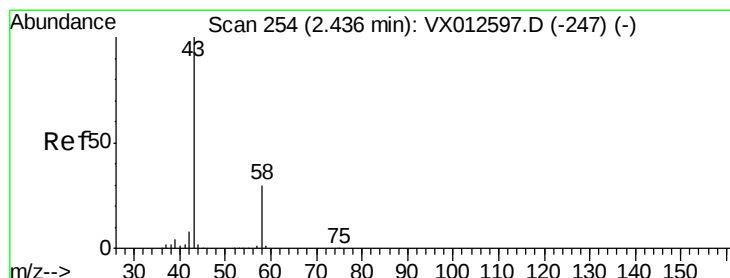
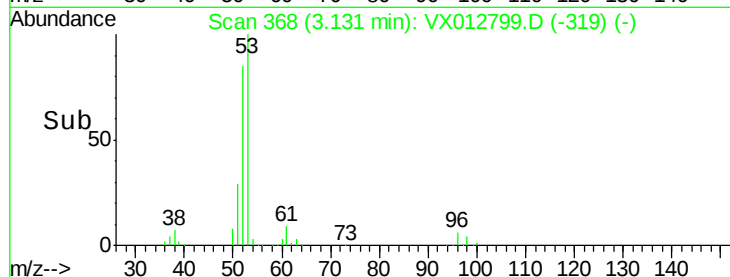
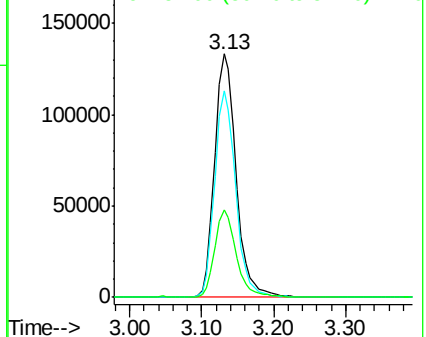
51 36.0 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 190.384 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012799.D

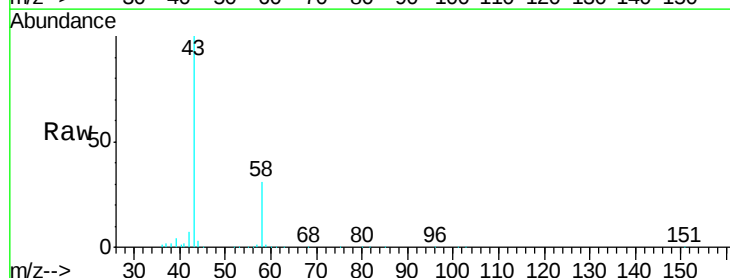
Acq: 03 Oct 2019 21:16

Tgt Ion: 43 Resp: 237082

Ion Ratio Lower Upper

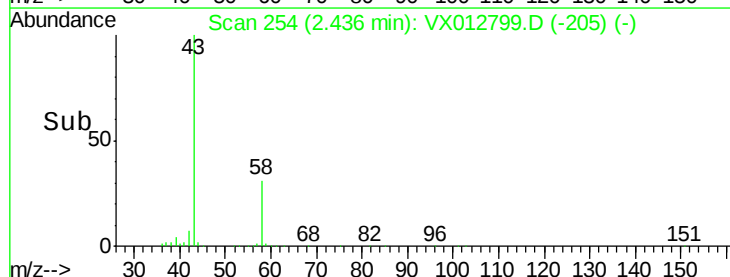
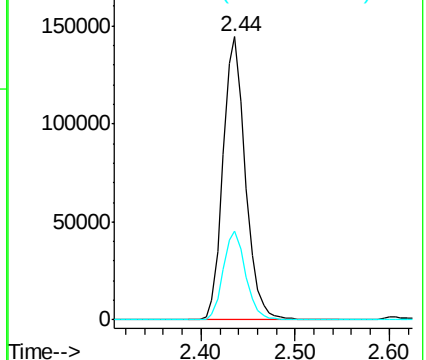
43 100

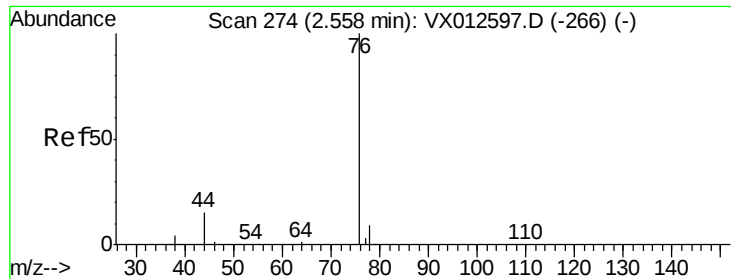
58 31.4 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

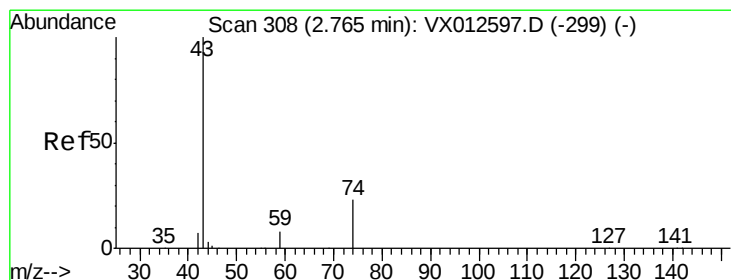
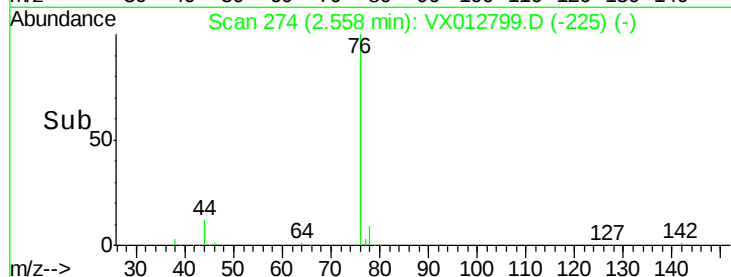
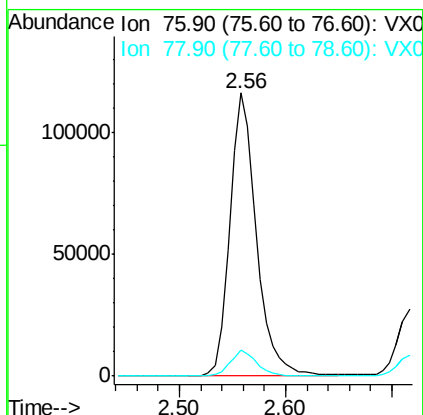
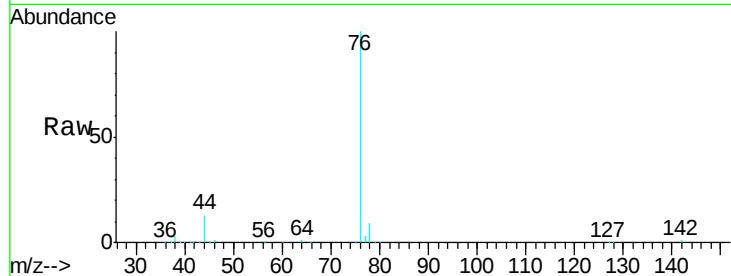




#17
Carbon Disulfide
Concen: 41.799 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

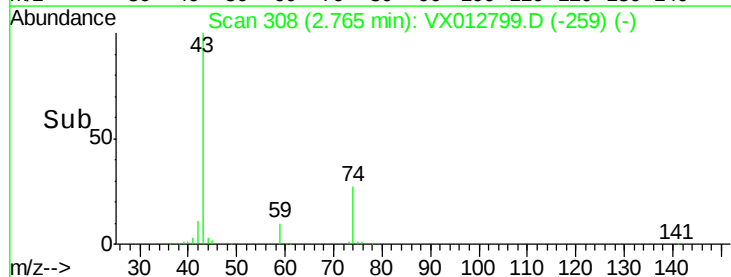
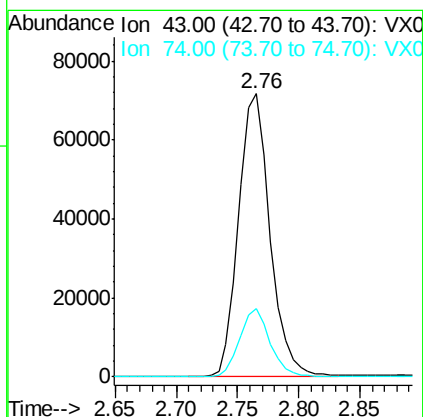
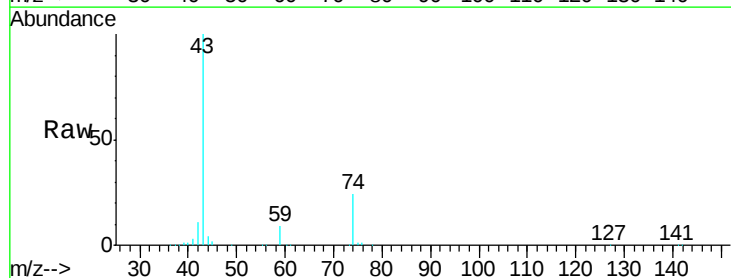
Instrument :
MSVOA_X
ClientSampled :
S49-0539MSD

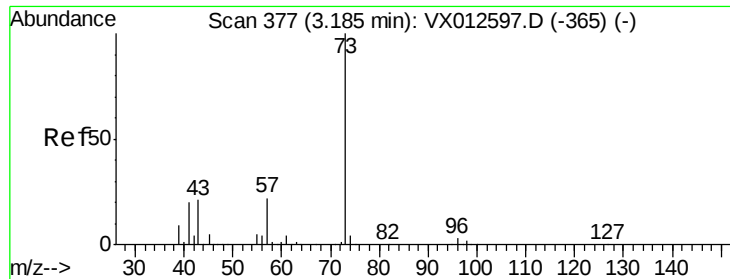
Tgt Ion: 76 Resp: 203411
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 43.479 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Tgt Ion: 43 Resp: 127489
Ion Ratio Lower Upper
43 100
74 23.9 17.7 26.5

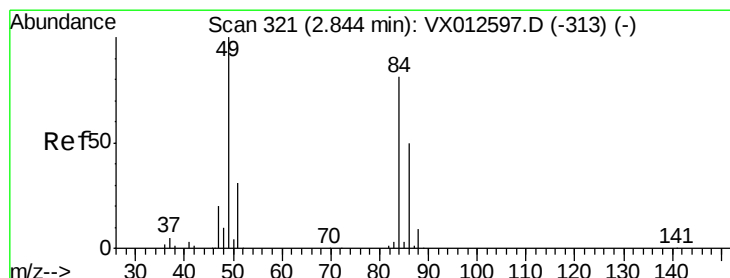
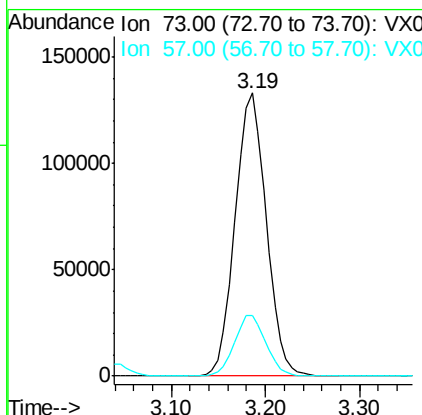
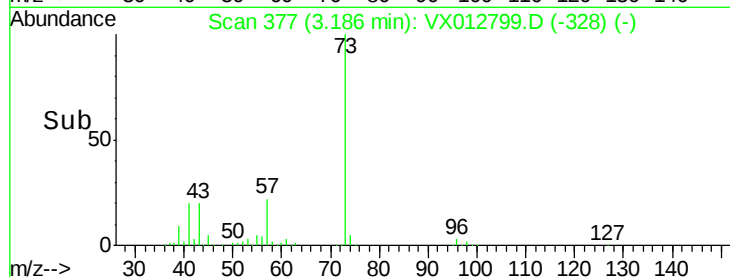
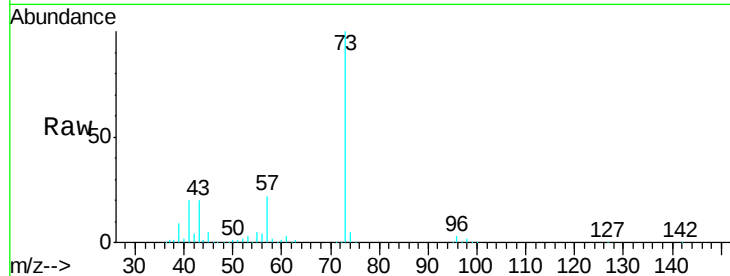




#19
Methyl tert-butyl Ether
Concen: 46.626 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

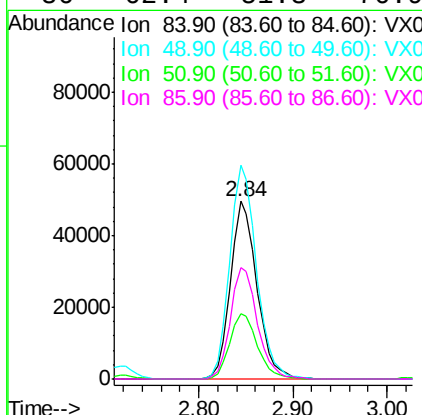
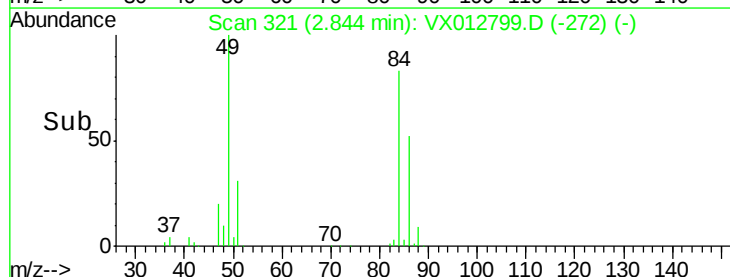
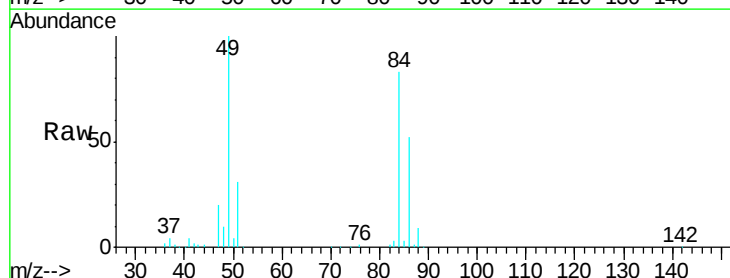
Instrument :
MSVOA_X
ClientSampleId :
S49-0539MSD

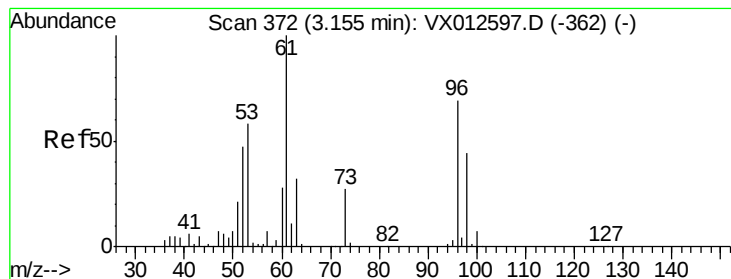
Tgt Ion: 73 Resp: 306353
Ion Ratio Lower Upper
73 100
57 21.5 16.8 25.2



#20
Methylene Chloride
Concen: 46.039 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Tgt Ion: 84 Resp: 96968
Ion Ratio Lower Upper
84 100
49 120.1 106.8 160.2
51 37.1 32.3 48.5
86 62.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 48.317 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

S49-0539MSD

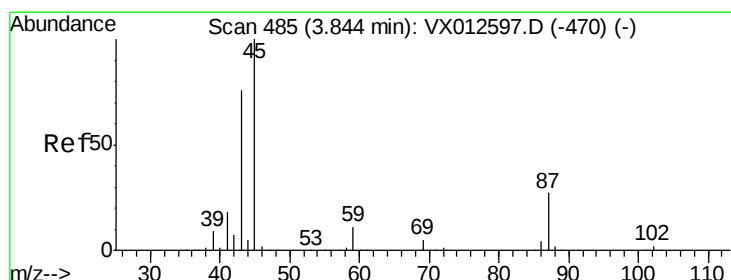
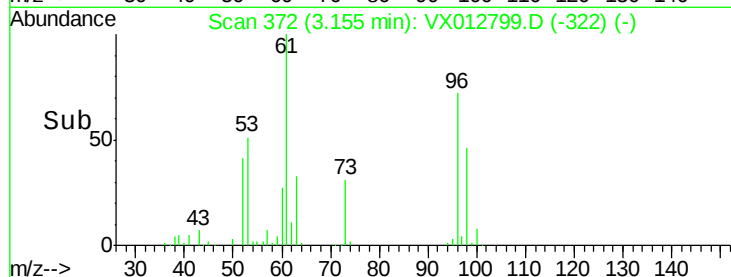
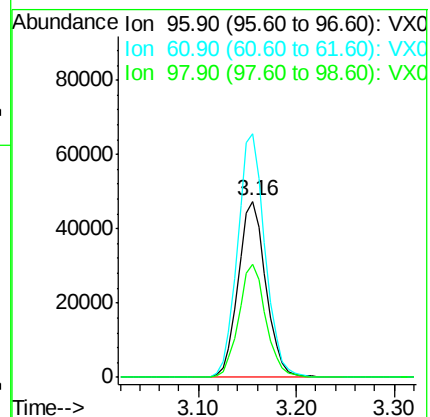
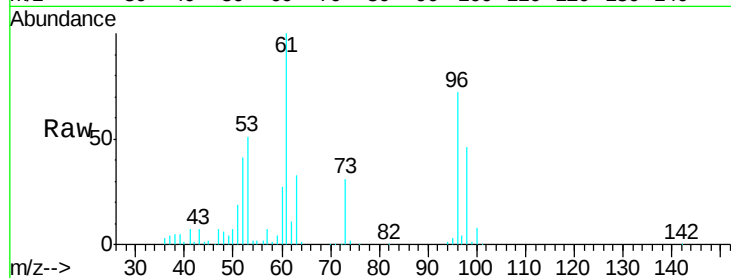
Tgt Ion: 96 Resp: 92918

Ion Ratio Lower Upper

96 100

61 138.3 112.0 168.0

98 63.9 47.8 71.8



#22

Diisopropyl ether

Concen: 45.203 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Tgt Ion: 45 Resp: 300812

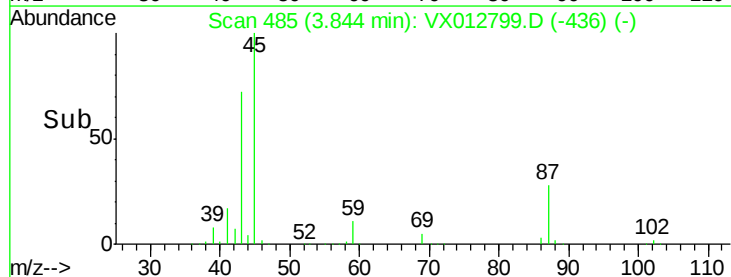
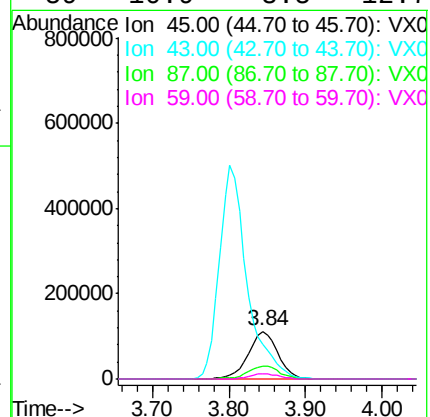
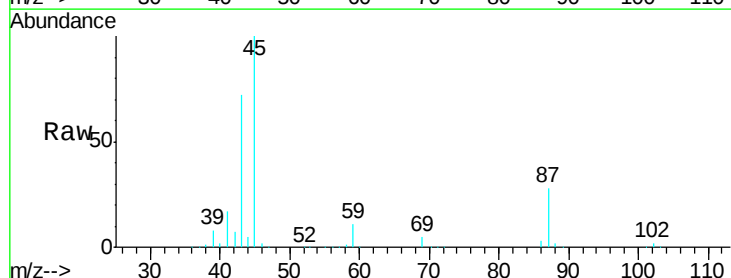
Ion Ratio Lower Upper

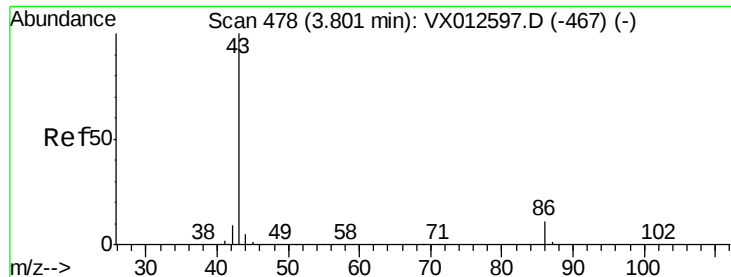
45 100

43 72.0 57.8 86.8

87 28.3 21.3 31.9

59 10.9 8.5 12.7





#23

Vinyl Acetate

Concen: 216.618 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

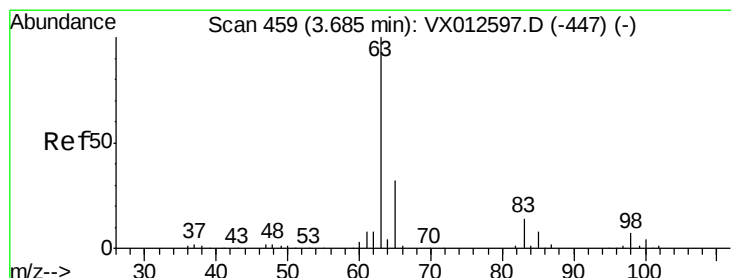
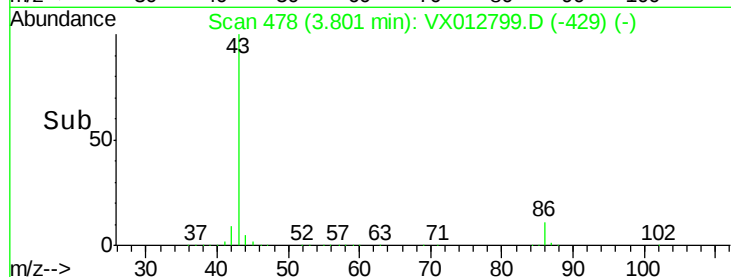
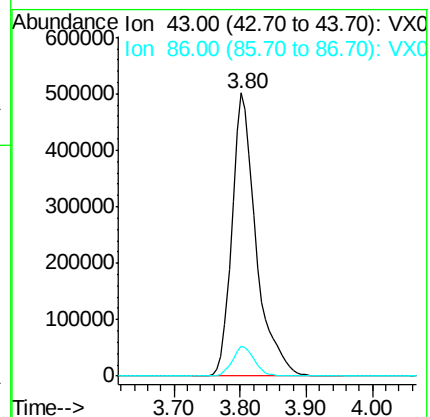
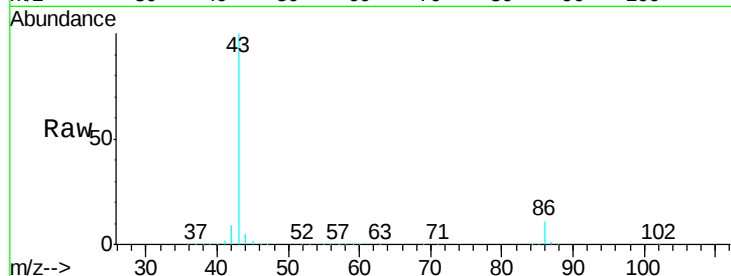
S49-0539MSD

Tgt Ion: 43 Resp: 1264144

Ion Ratio Lower Upper

43 100

86 10.6 7.8 11.8



#24

1,1-Dichloroethane

Concen: 46.672 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

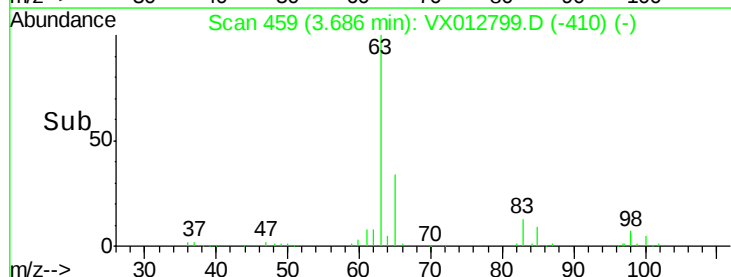
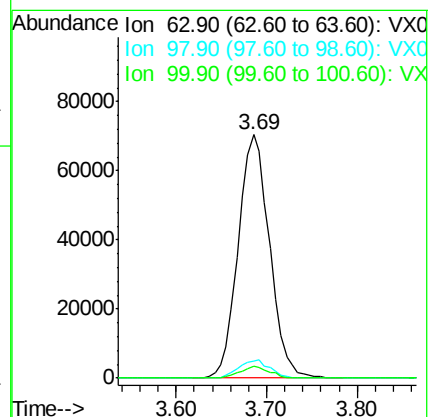
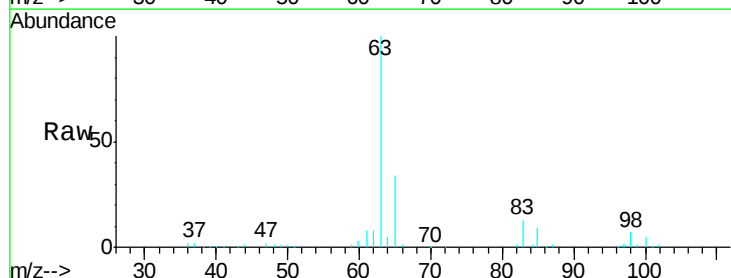
Tgt Ion: 63 Resp: 168826

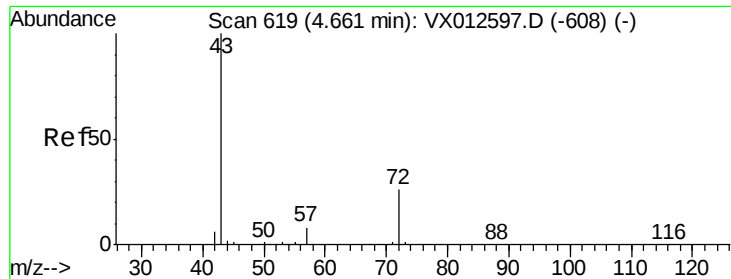
Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

100 5.1 2.3 6.9

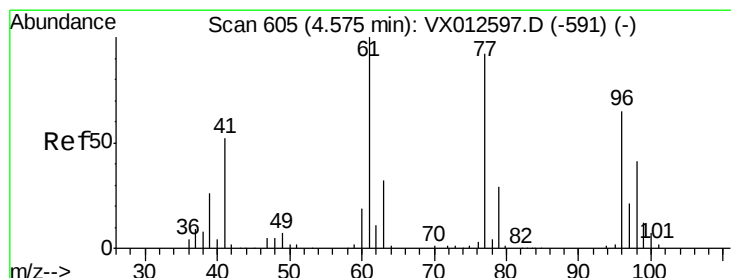
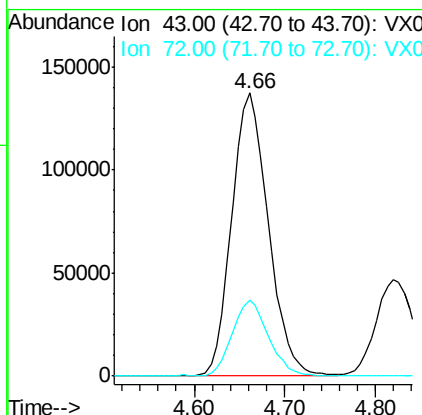
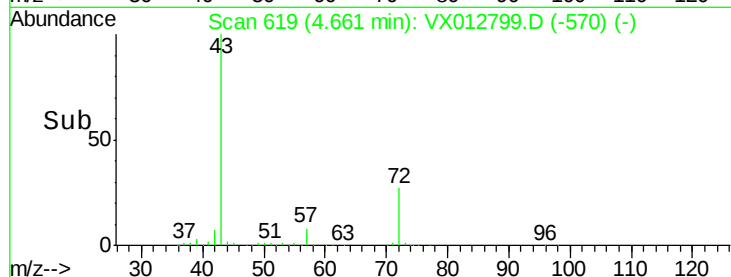
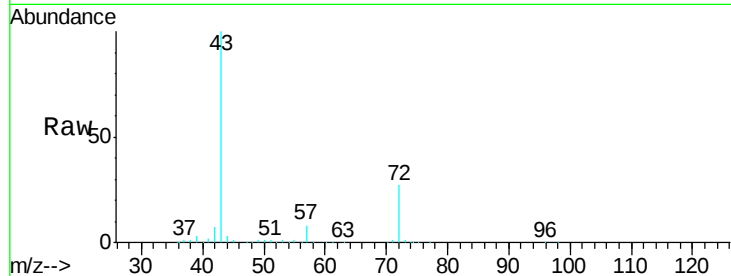




#25
2-Butanone
Concen: 214.897 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

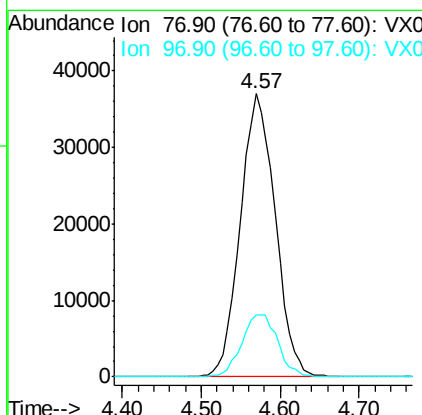
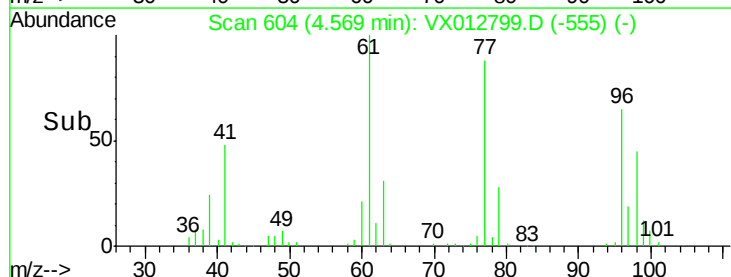
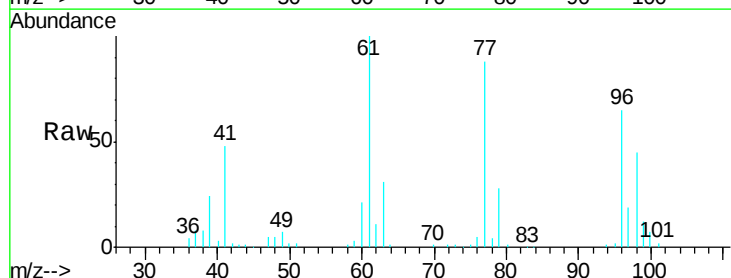
Instrument :
MSVOA_X
ClientSampleId :
S49-0539MSD

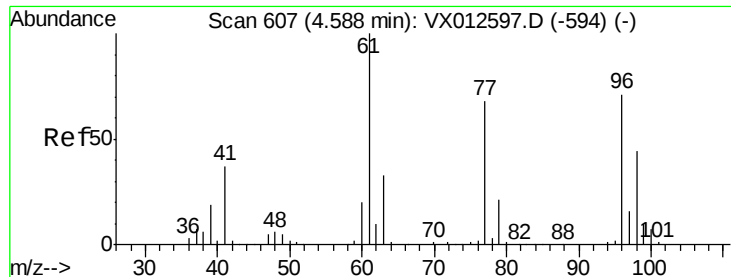
Tgt Ion: 43 Resp: 383710
Ion Ratio Lower Upper
43 100
72 26.6 19.2 28.8



#26
2,2-Dichloropropane
Concen: 35.451 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Tgt Ion: 77 Resp: 114052
Ion Ratio Lower Upper
77 100
97 22.7 10.5 31.6



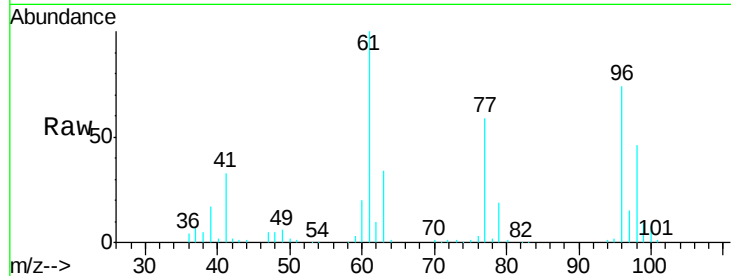


#27

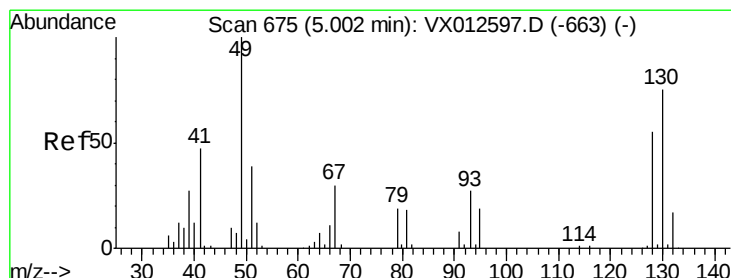
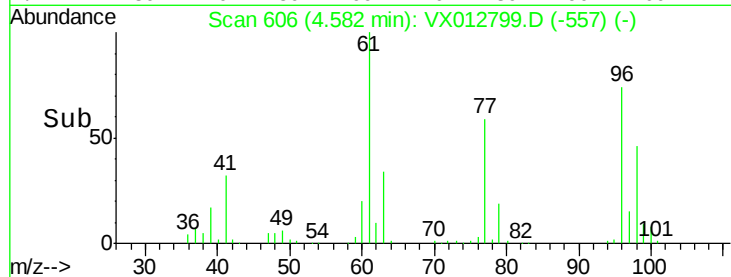
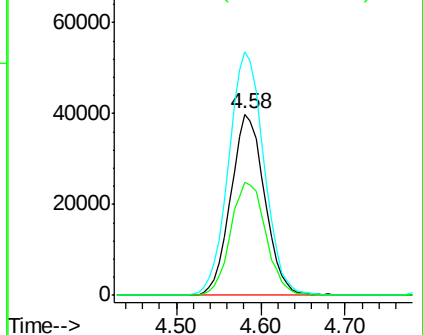
cis-1,2-Dichloroethene
 Concen: 48.736 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0539MSD

Tgt Ion: 96 Resp: 108749
 Ion Ratio Lower Upper
 96 100
 61 140.5 0.0 319.4
 98 64.5 0.0 130.6



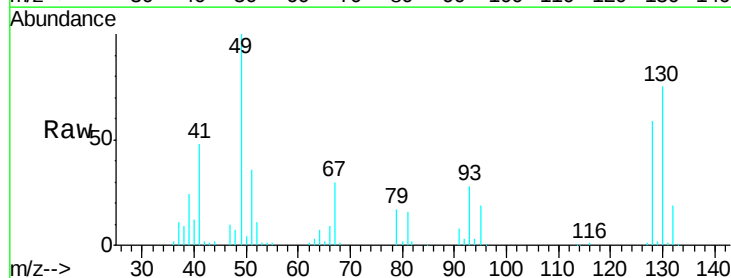
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



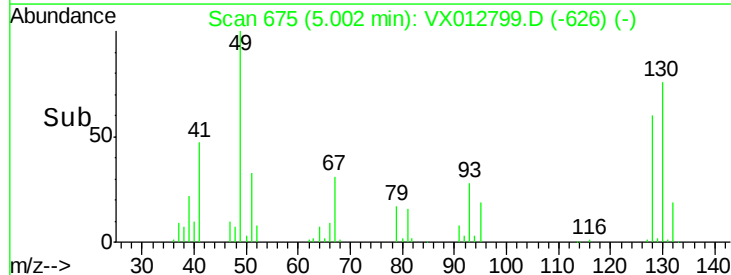
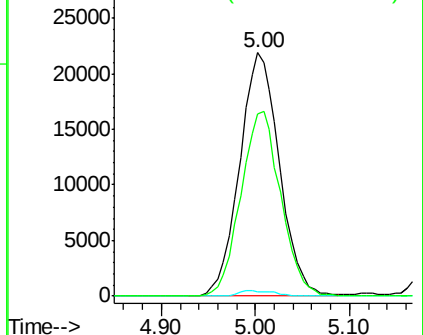
#28

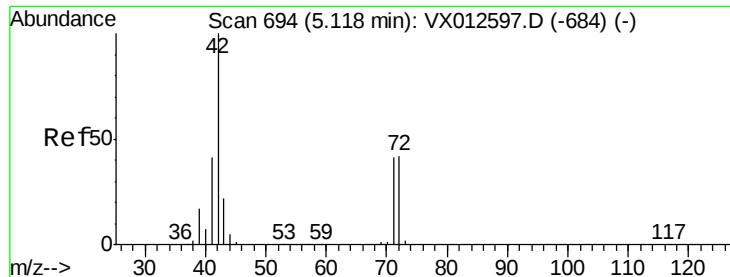
Bromochloromethane
 Concen: 49.265 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

Tgt Ion: 49 Resp: 64707
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 76.2 58.2 87.4



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





#29

Tetrahydrofuran

Concen: 228.607 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

S49-0539MSD

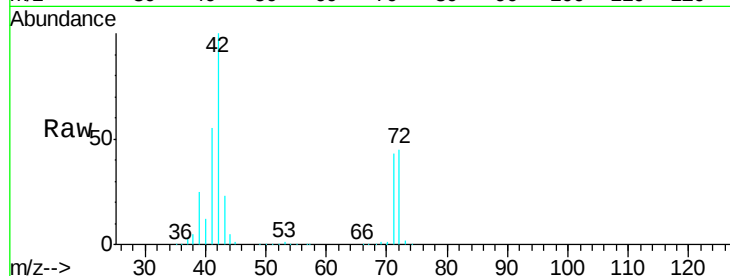
Tgt Ion: 42 Resp: 248793

Ion Ratio Lower Upper

42 100

72 45.4 34.0 51.0

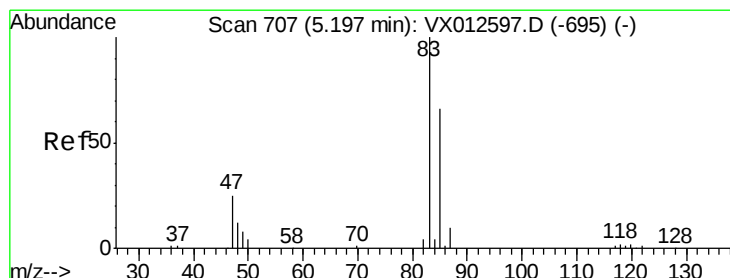
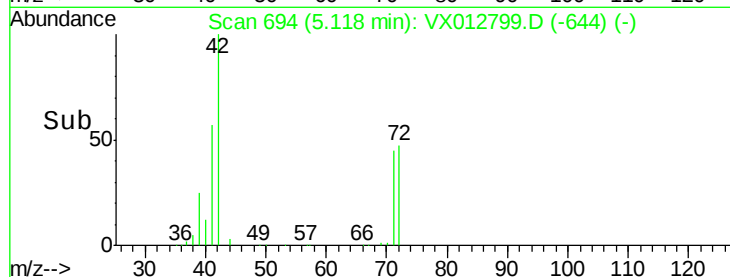
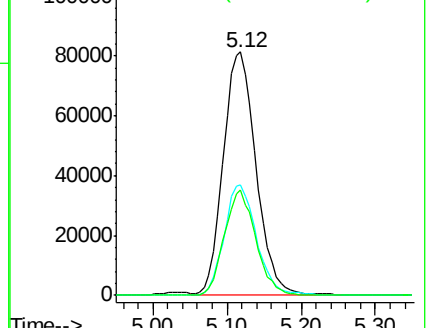
71 41.8 31.5 47.3



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: 46.182 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX012799.D

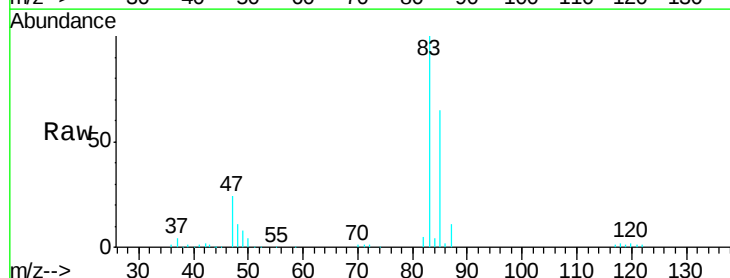
Acq: 03 Oct 2019 21:16

Tgt Ion: 83 Resp: 170912

Ion Ratio Lower Upper

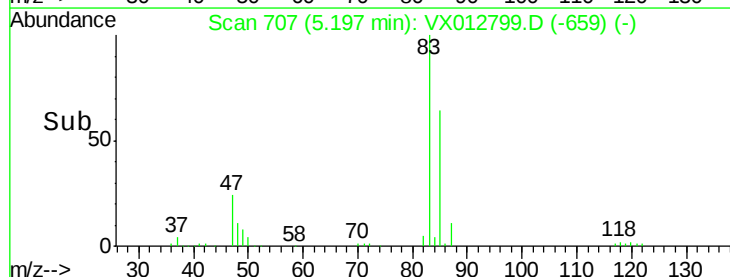
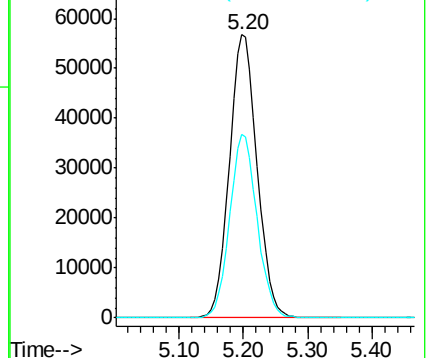
83 100

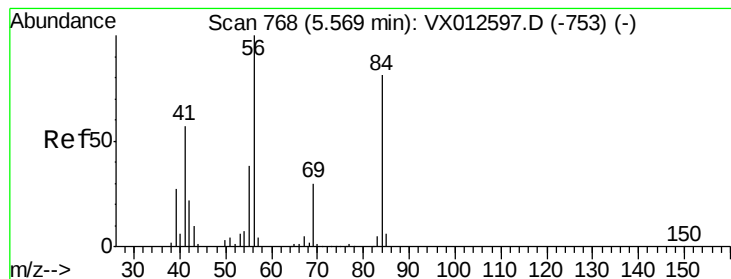
85 64.9 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 42.852 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

S49-0539MSD

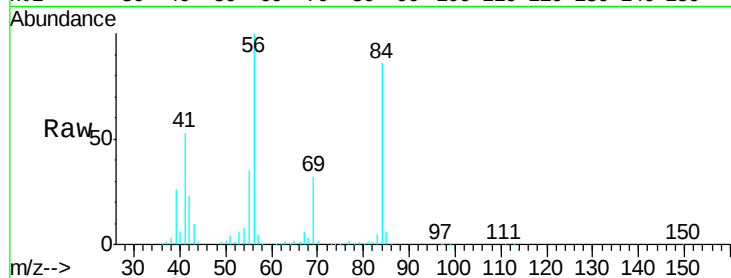
Tgt Ion: 56 Resp: 140231

Ion Ratio Lower Upper

56 100

69 32.2 25.0 37.6

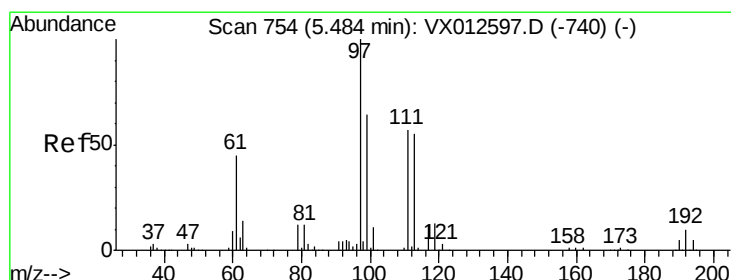
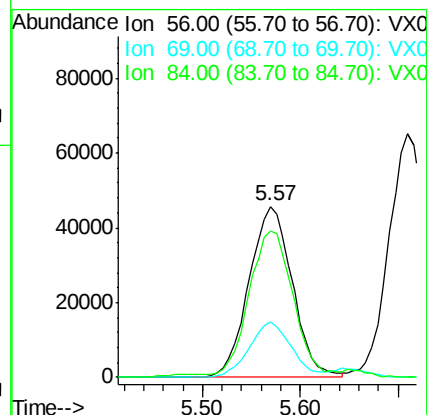
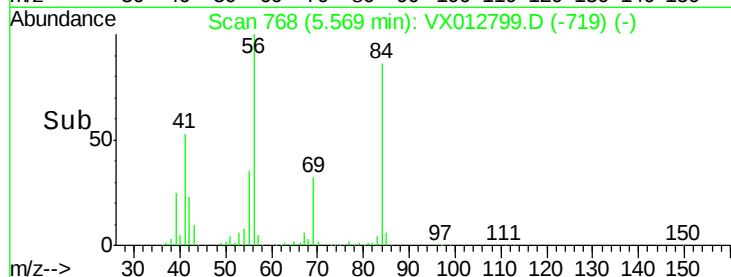
84 84.3 66.4 99.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 45.596 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

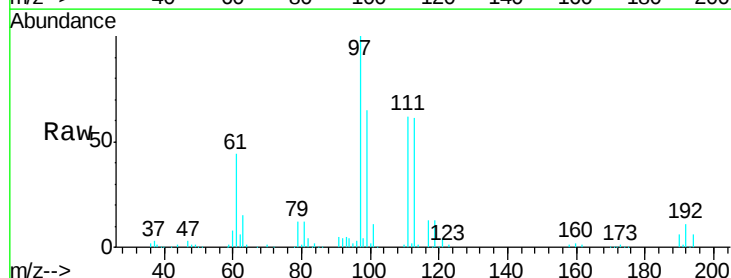
Tgt Ion: 97 Resp: 149550

Ion Ratio Lower Upper

97 100

99 63.8 51.3 76.9

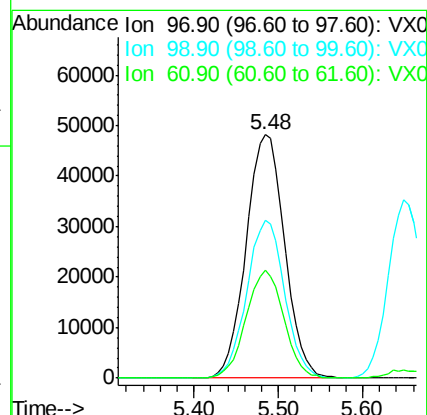
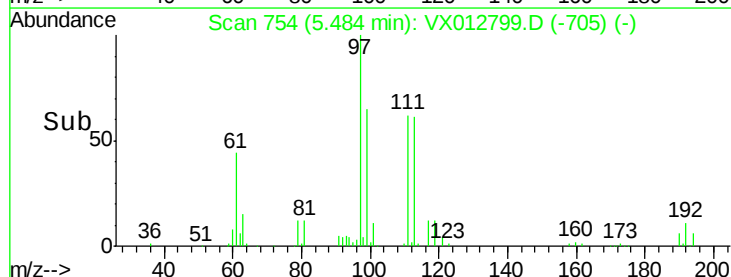
61 43.6 36.1 54.1

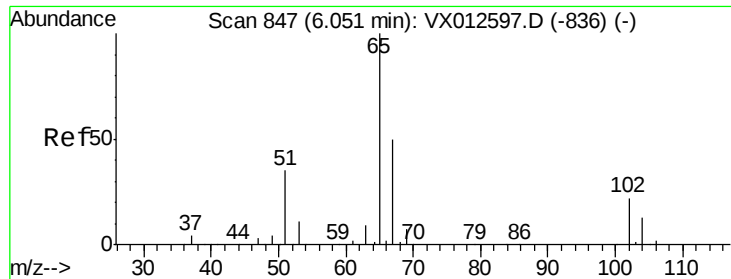


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

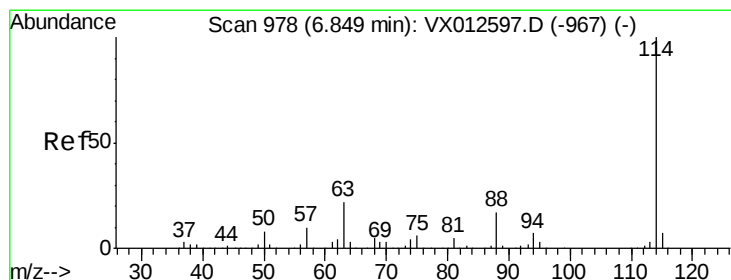
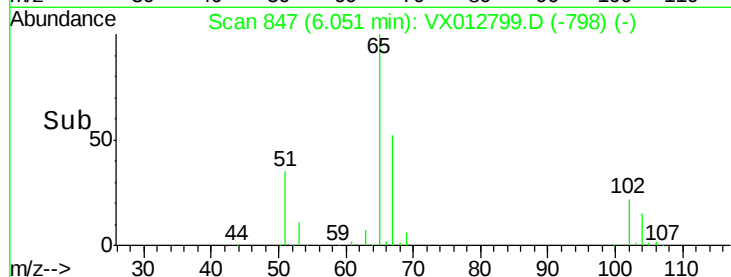
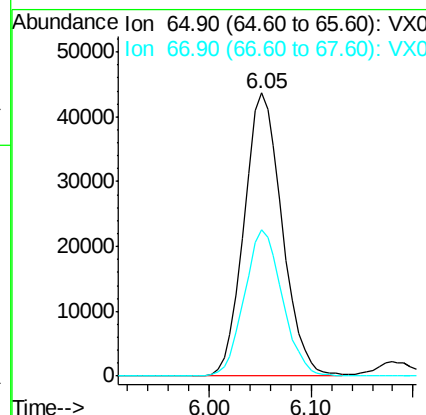
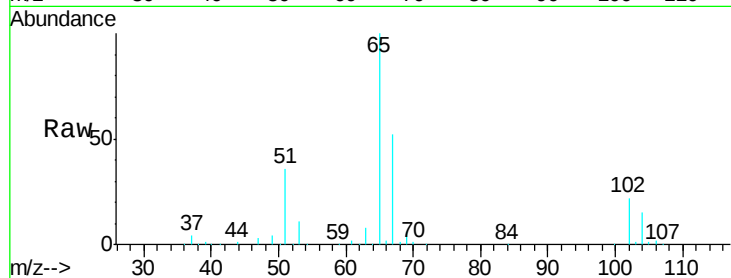




#33
 1,2-Dichloroethane-d4
 Concen: 48.180 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

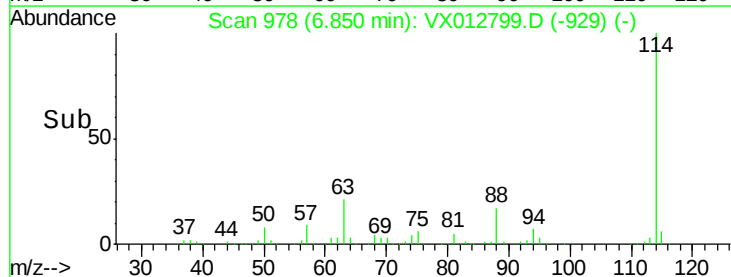
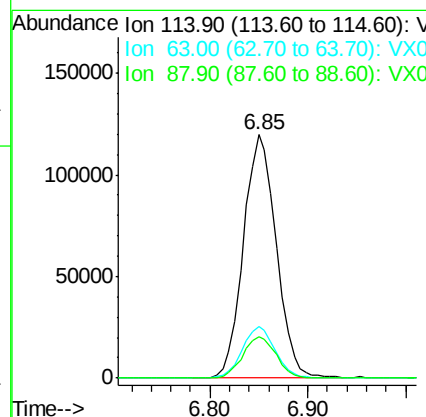
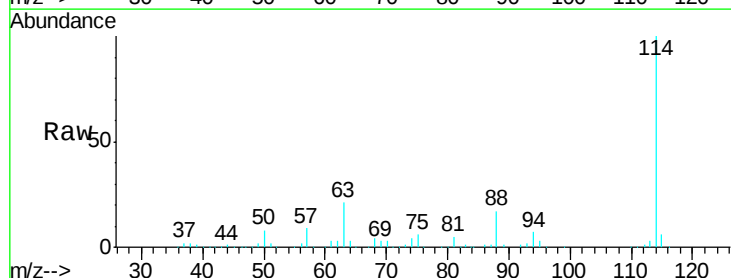
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0539MSD

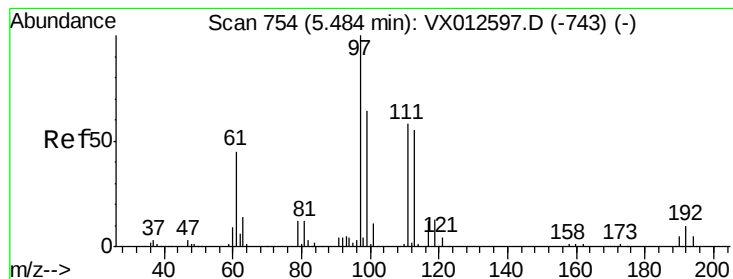
Tgt Ion: 65 Resp: 113272
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

Tgt Ion: 114 Resp: 278669
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.2
 88 17.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 53.070 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

S49-0539MSD

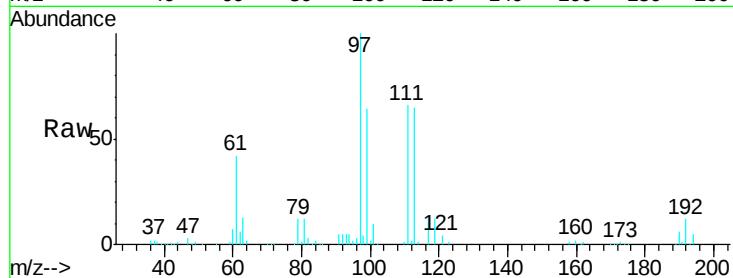
Tgt Ion:113 Resp: 88075

Ion Ratio Lower Upper

113 100

111 101.4 83.4 125.2

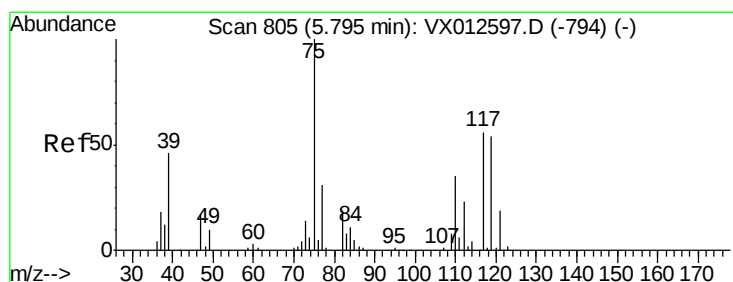
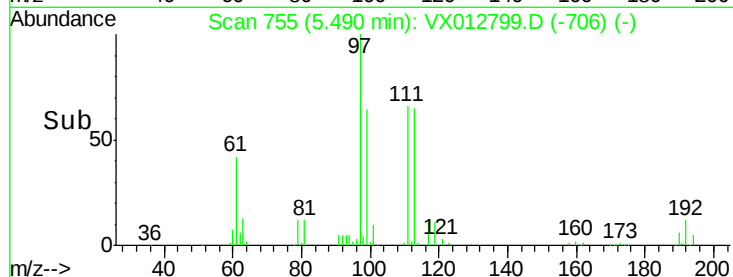
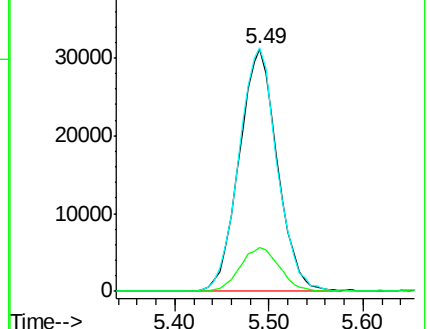
192 18.5 14.4 21.6



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: 45.594 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

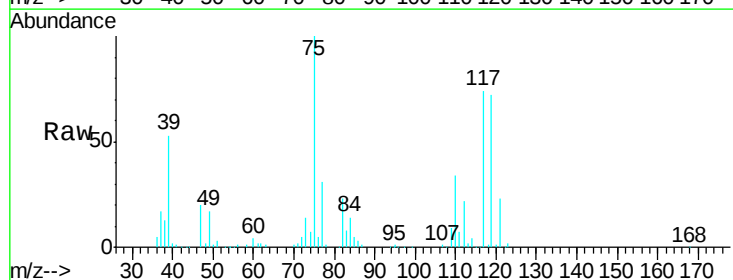
Tgt Ion: 75 Resp: 122468

Ion Ratio Lower Upper

75 100

110 34.9 16.7 50.0

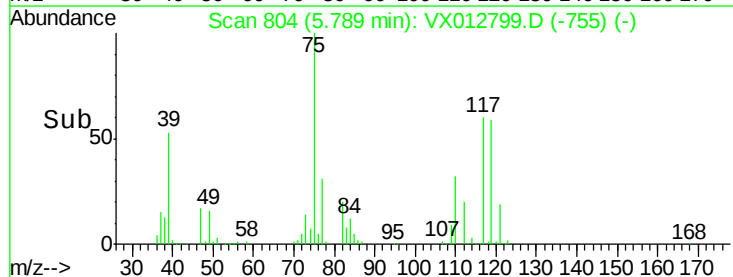
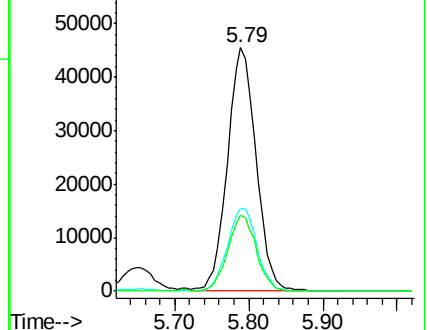
77 31.0 24.2 36.2

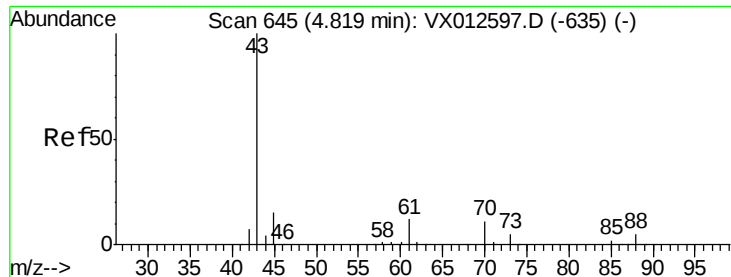


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 44.318 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

S49-0539MSD

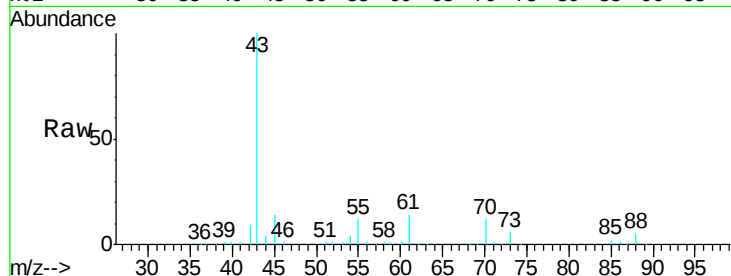
Tgt Ion: 43 Resp: 139172

Ion Ratio Lower Upper

43 100

61 14.2 10.2 15.4

70 11.9 8.7 13.1



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

150000

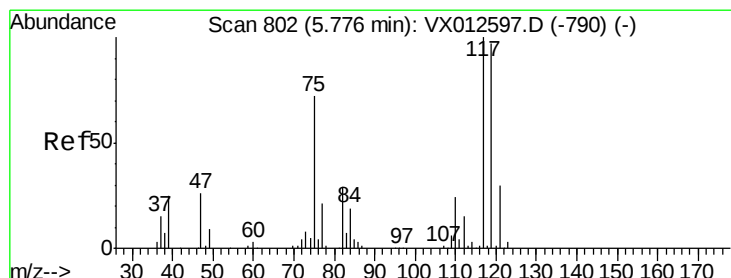
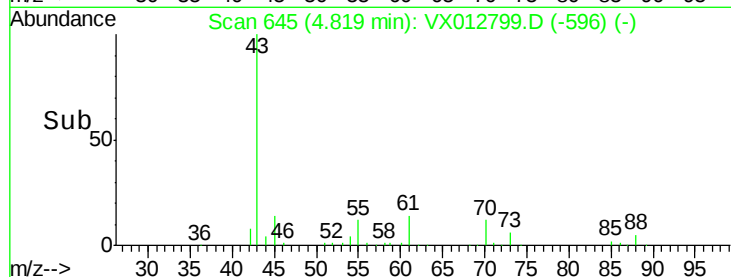
100000

50000

0

4.70 4.80 4.90 5.00

Time-->



#38

Carbon Tetrachloride

Concen: 45.638 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

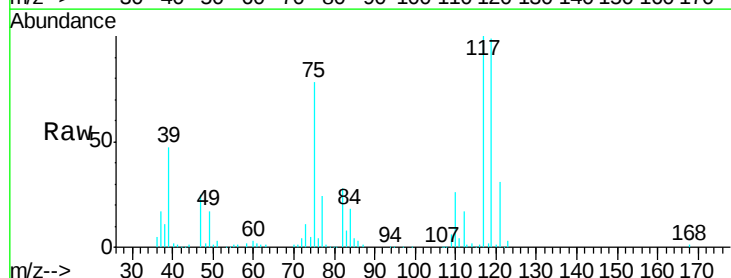
Tgt Ion: 117 Resp: 124527

Ion Ratio Lower Upper

117 100

119 99.1 75.7 113.5

121 30.6 24.2 36.4



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

60000

50000

40000

30000

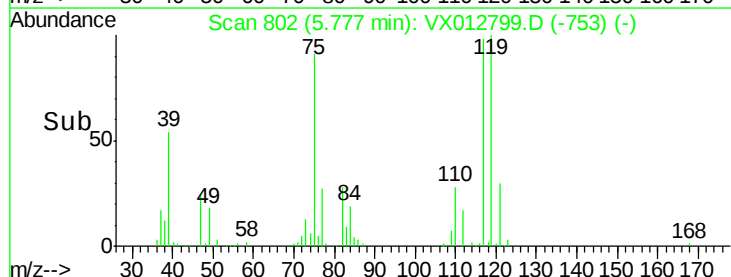
20000

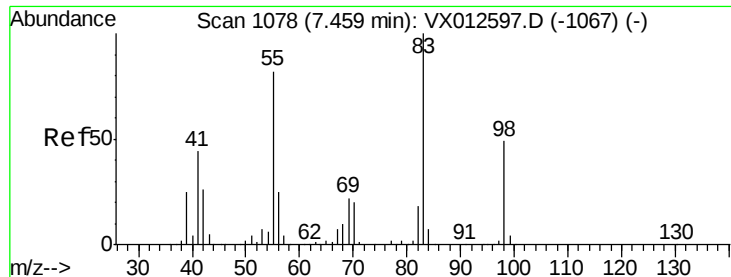
10000

0

5.70 5.80 5.90

Time-->

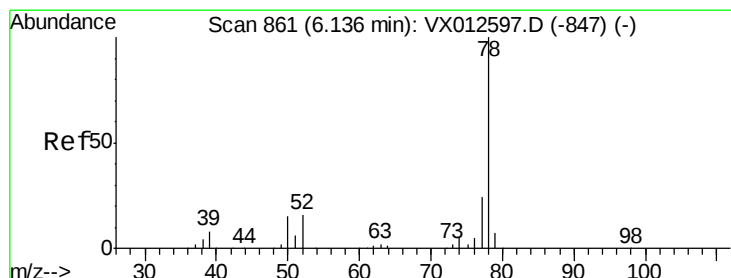
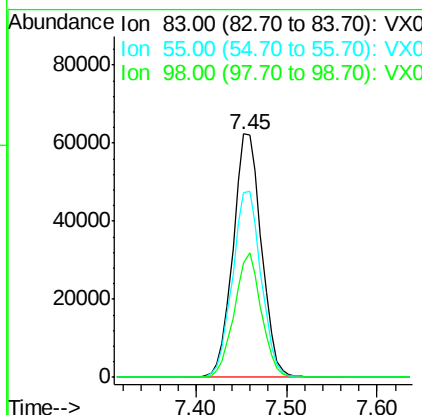
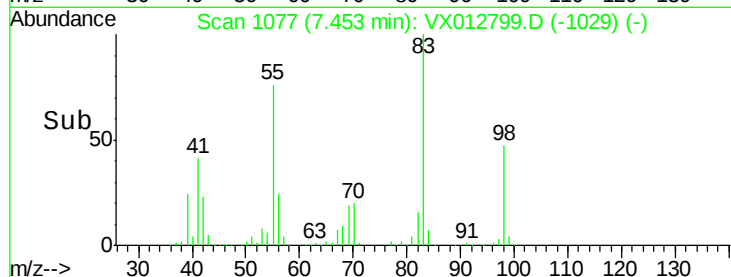
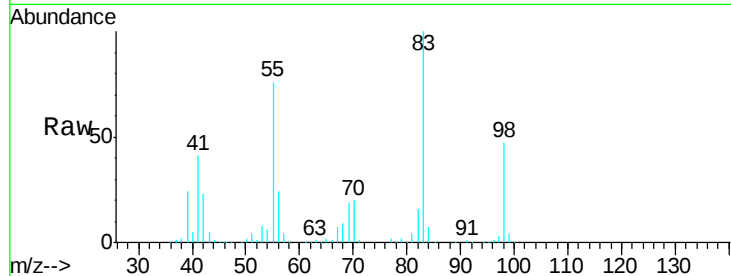




#39
Methylcyclohexane
Concen: 41.942 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

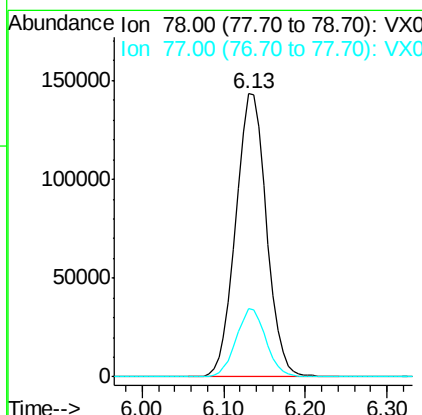
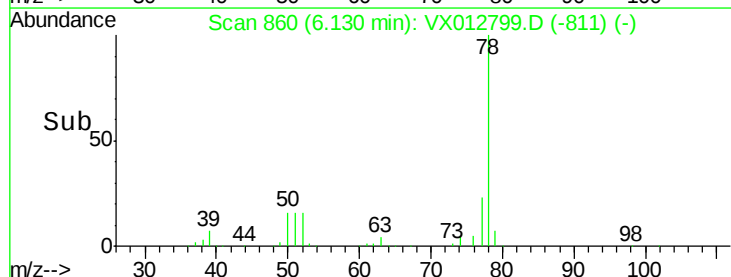
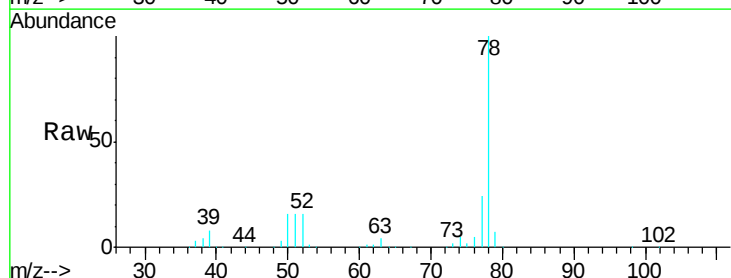
Instrument :
MSVOA_X
ClientSampleId :
S49-0539MSD

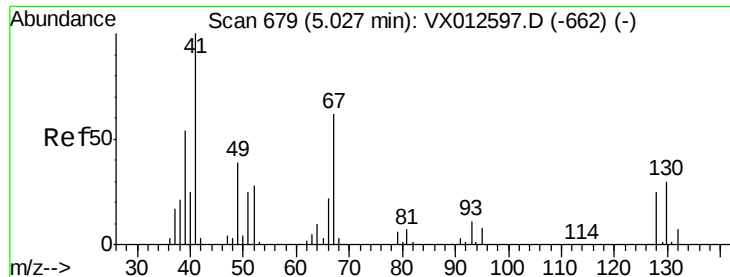
Tgt Ion: 83 Resp: 135627
Ion Ratio Lower Upper
83 100
55 76.0 64.4 96.6
98 46.7 40.1 60.1



#40
Benzene
Concen: 47.446 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Tgt Ion: 78 Resp: 374978
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8





#41

Methacrylonitrile

Concen: 47.466 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

S49-0539MSD

Tgt Ion: 41 Resp: 83632

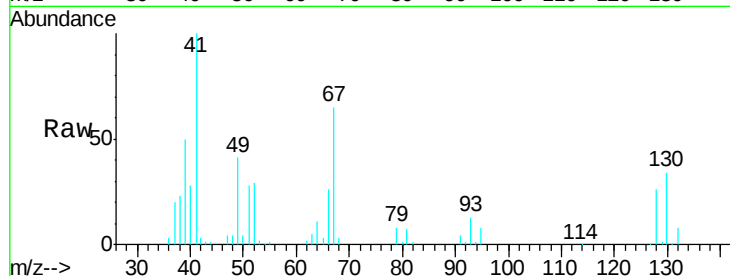
Ion Ratio Lower Upper

41 100

39 53.6 46.0 69.0

67 68.6 52.2 78.2

52 28.9 22.7 34.1

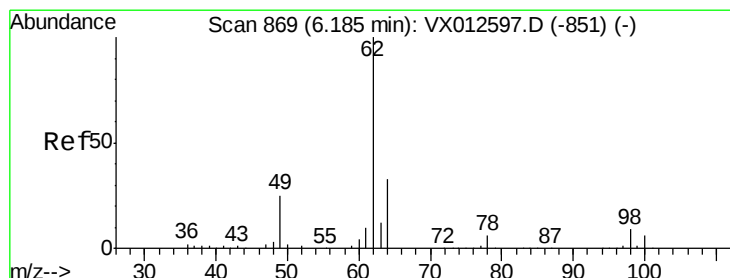
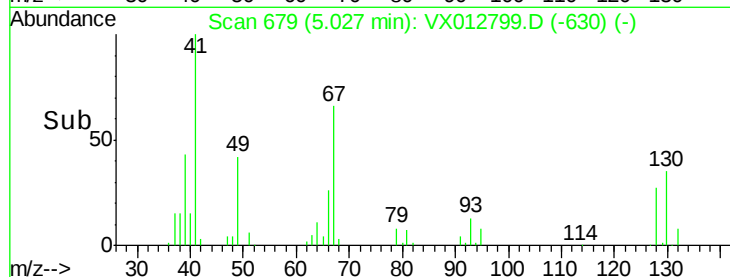
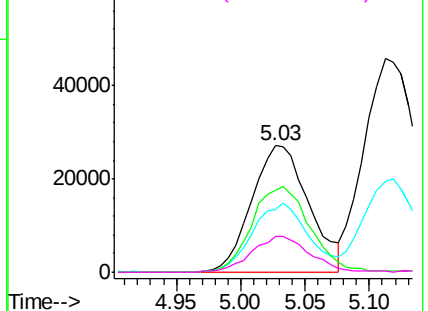


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 46.719 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX012799.D

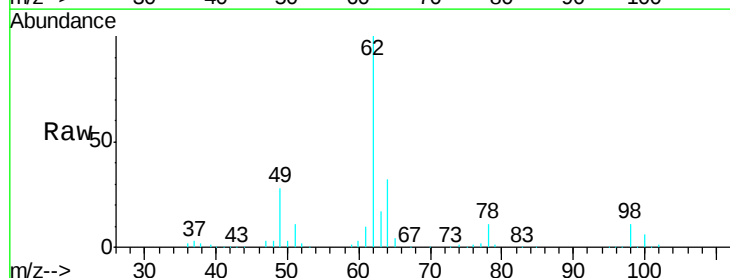
Acq: 03 Oct 2019 21:16

Tgt Ion: 62 Resp: 140212

Ion Ratio Lower Upper

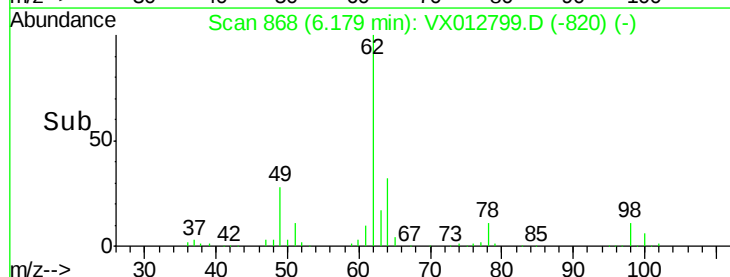
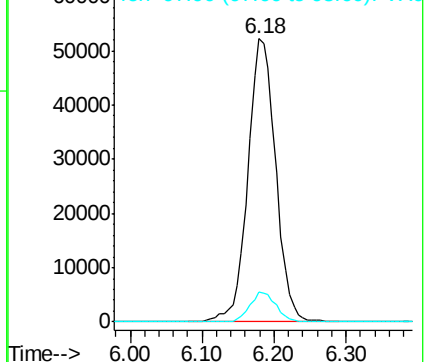
62 100

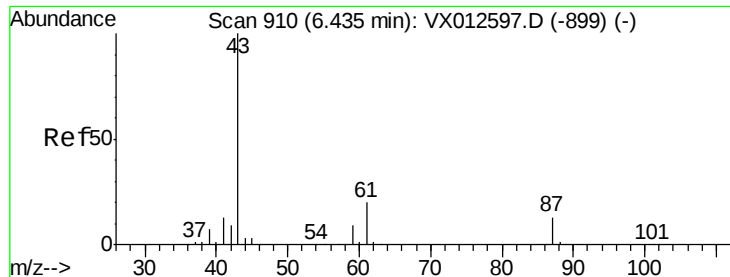
98 9.9 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 44.190 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

S49-0539MSD

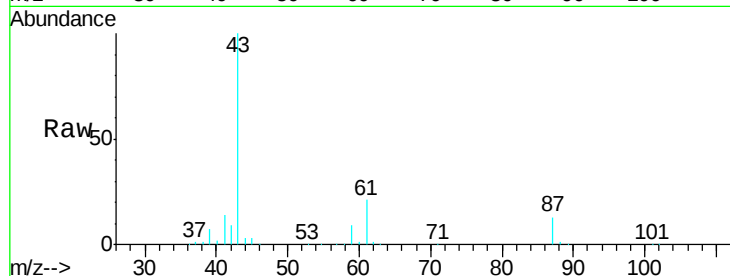
Tgt Ion: 43 Resp: 232067

Ion Ratio Lower Upper

43 100

61 20.5 15.4 23.0

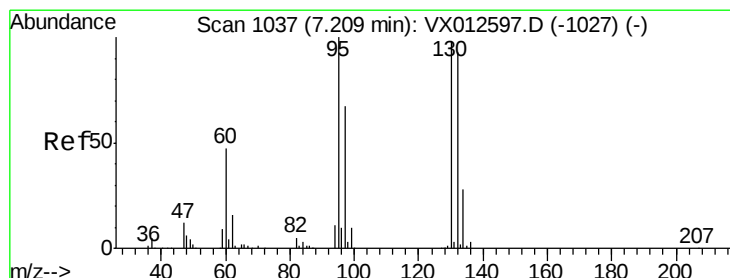
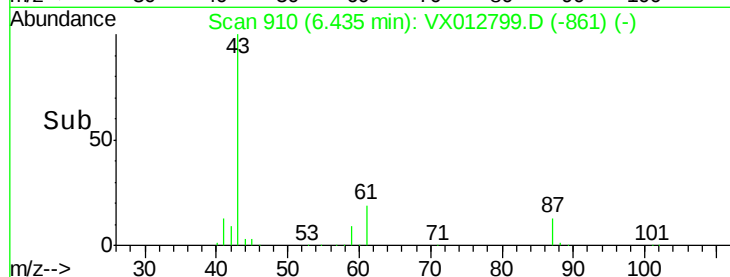
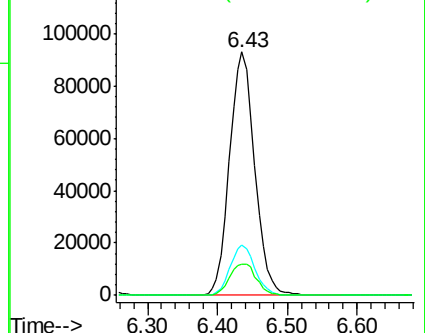
87 13.8 9.8 14.8



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: 47.265 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012799.D

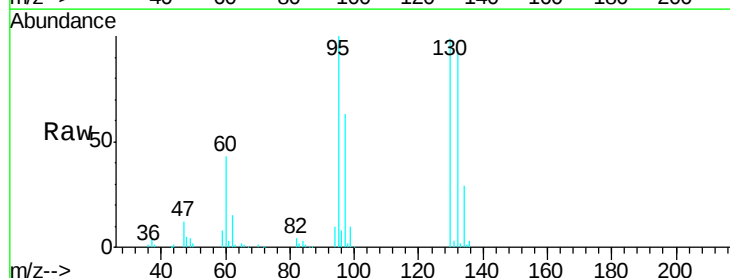
Acq: 03 Oct 2019 21:16

Tgt Ion: 130 Resp: 95494

Ion Ratio Lower Upper

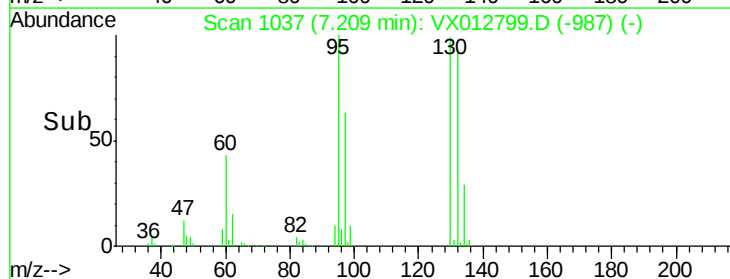
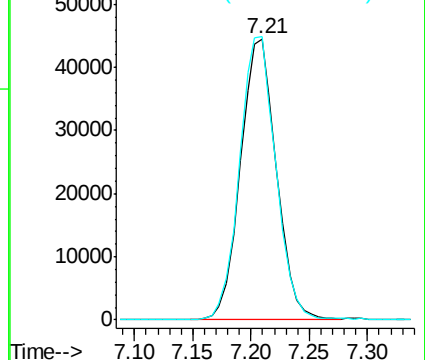
130 100

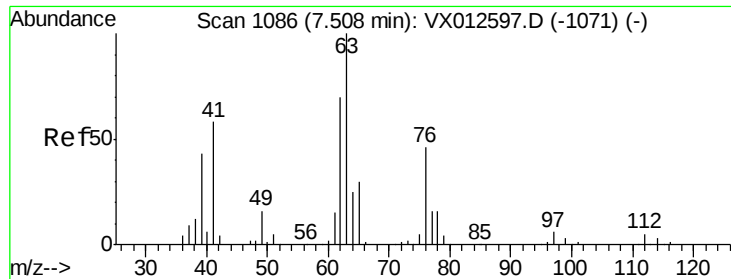
95 100.6 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

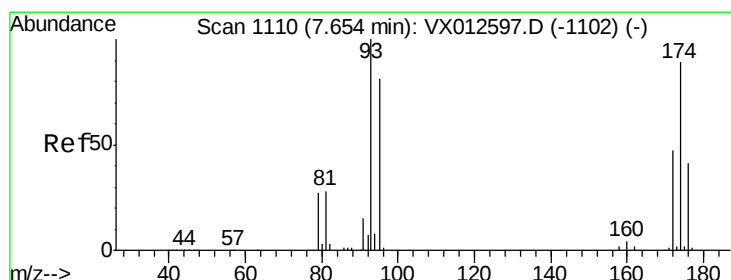
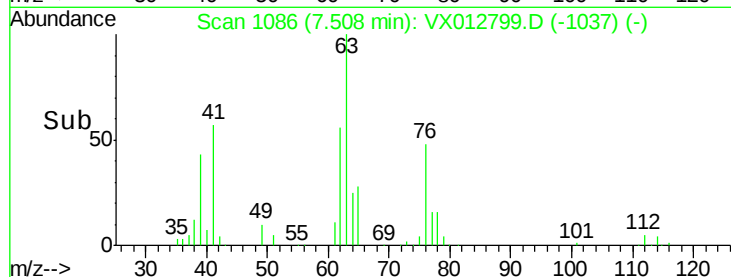
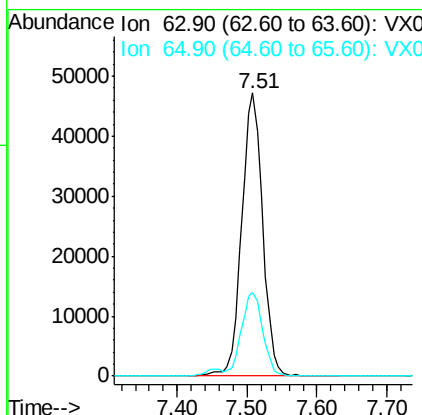
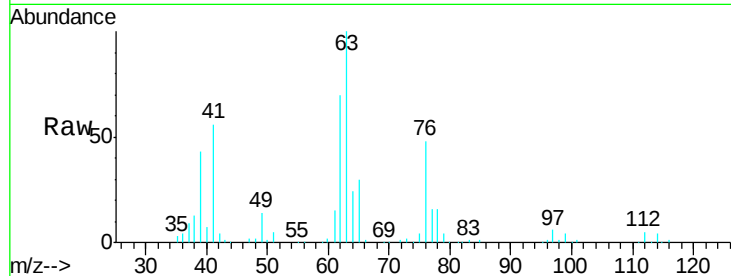




#45
 1,2-Dichloropropane
 Concen: 48.300 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

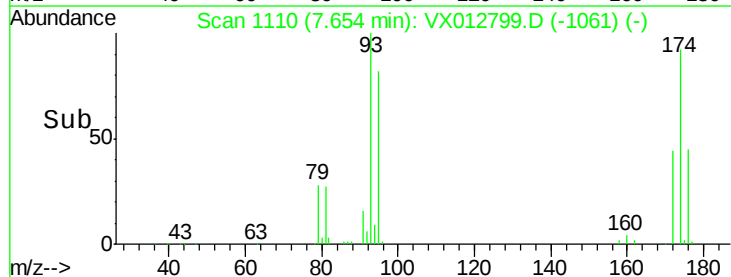
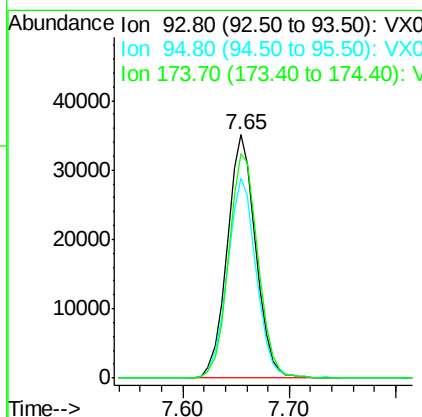
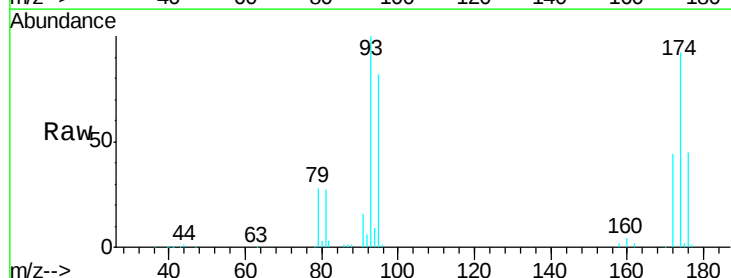
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0539MSD

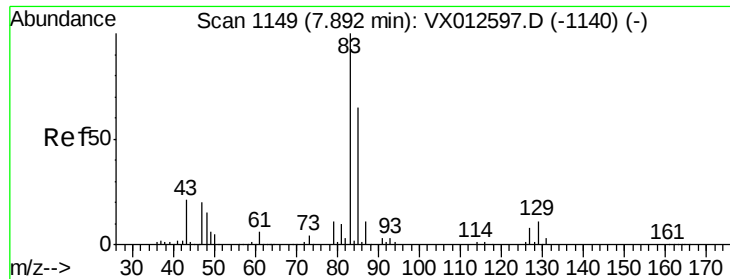
Tgt Ion: 63 Resp: 97731
 Ion Ratio Lower Upper
 63 100
 65 29.7 25.0 37.6



#46
 Dibromomethane
 Concen: 47.867 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

Tgt Ion: 93 Resp: 65944
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.6 100.0
 174 94.6 77.4 116.0





#47

Bromodichloromethane

Concen: 47.765 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

S49-0539MSD

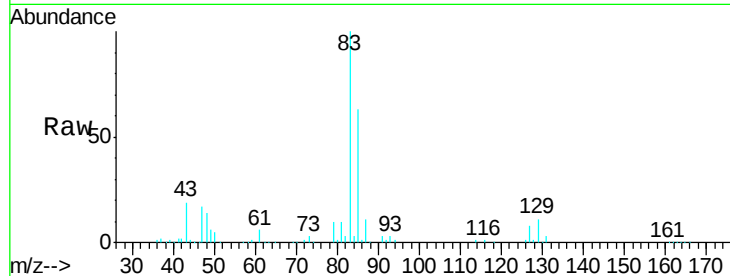
Tgt Ion: 83 Resp: 131515

Ion Ratio Lower Upper

83 100

85 63.3 51.8 77.6

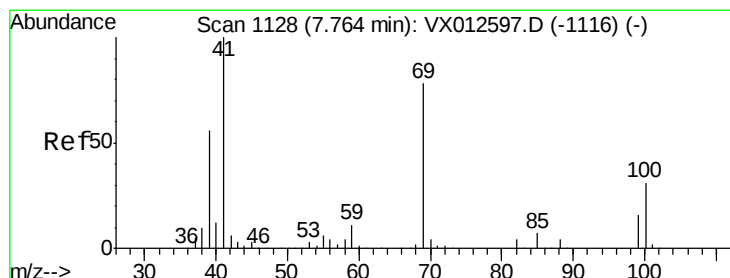
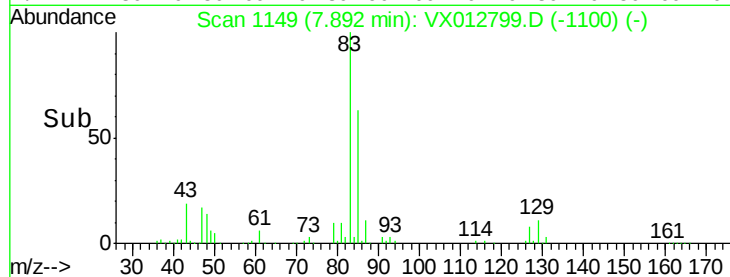
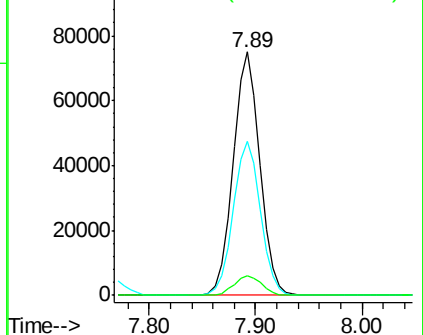
127 8.3 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX012799.D (-1100) (-)

Ion 84.90 (84.60 to 85.60): VX012799.D (-1100) (-)

Ion 126.80 (126.50 to 127.50): VX012799.D (-1100) (-)



#48

Methyl methacrylate

Concen: 46.170 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

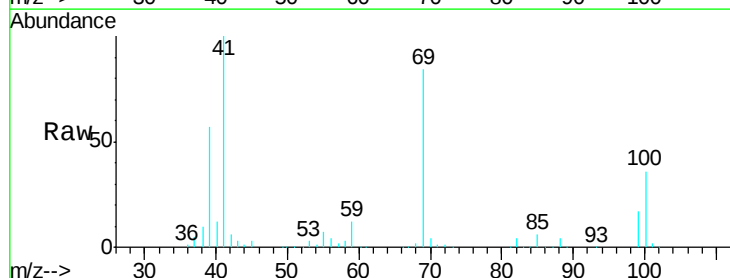
Tgt Ion: 41 Resp: 116261

Ion Ratio Lower Upper

41 100

69 82.8 59.9 89.9

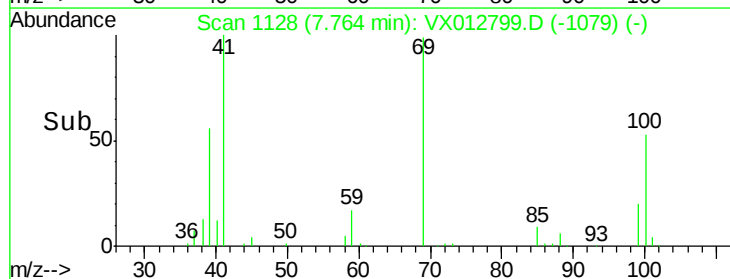
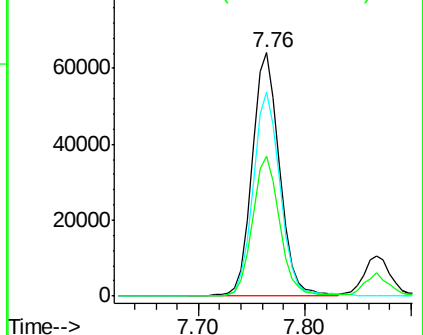
39 56.6 47.8 71.6

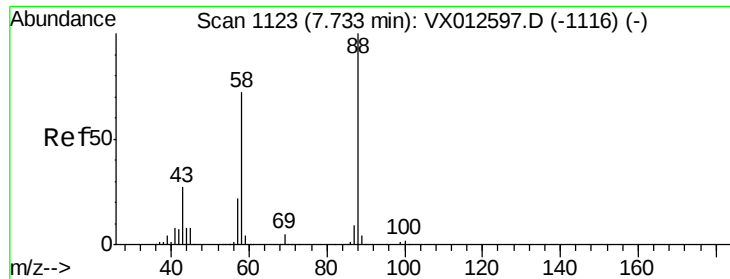


Abundance Ion 41.00 (40.70 to 41.70): VX012799.D (-1079) (-)

Ion 69.00 (68.70 to 69.70): VX012799.D (-1079) (-)

Ion 39.00 (38.70 to 39.70): VX012799.D (-1079) (-)

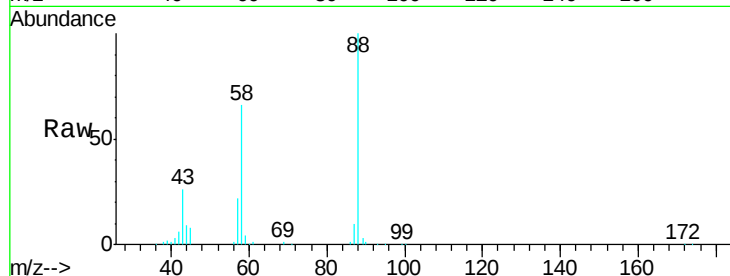




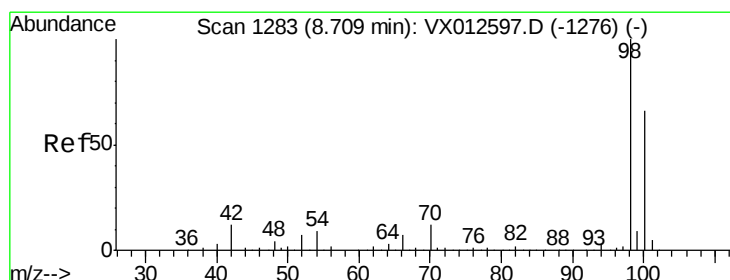
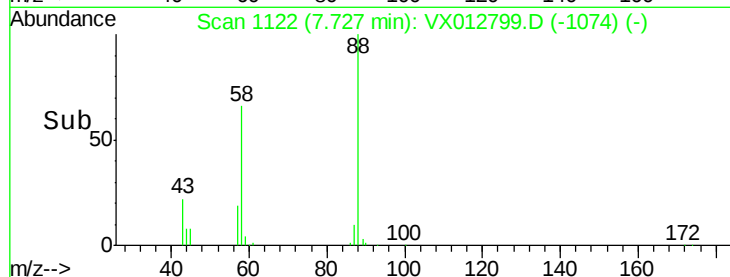
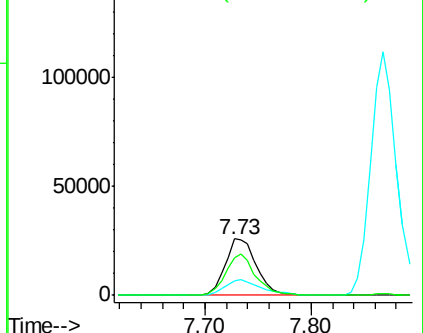
#49
1,4-Dioxane
Concen: 932.280 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
S49-0539MSD

Tgt Ion: 88 Resp: 53247
Ion Ratio Lower Upper
88 100
43 31.5 29.4 44.0
58 70.8 57.5 86.3

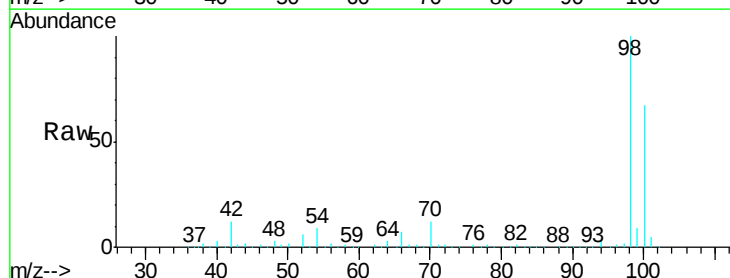


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

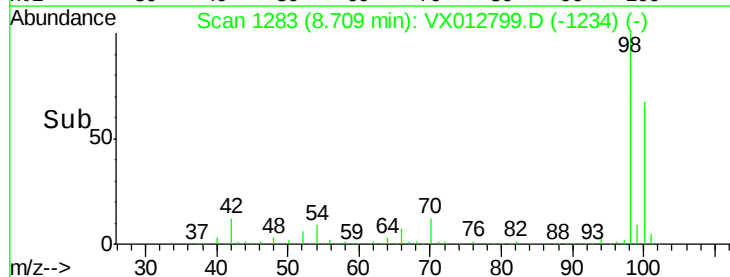
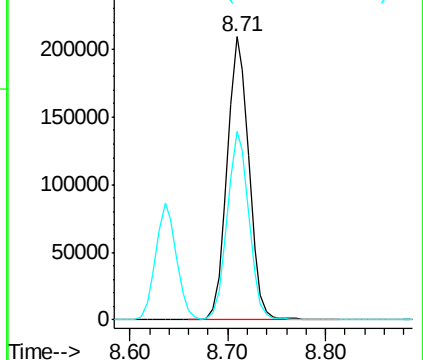


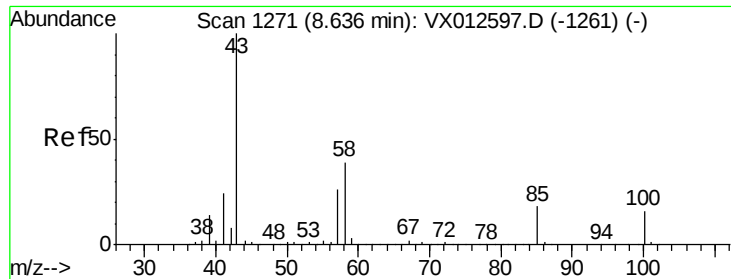
#50
Toluene-d8
Concen: 50.615 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Tgt Ion: 98 Resp: 323489
Ion Ratio Lower Upper
98 100
100 66.0 53.4 80.2



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





#51

4-Methyl-2-Pentanone

Concen: 234.780 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

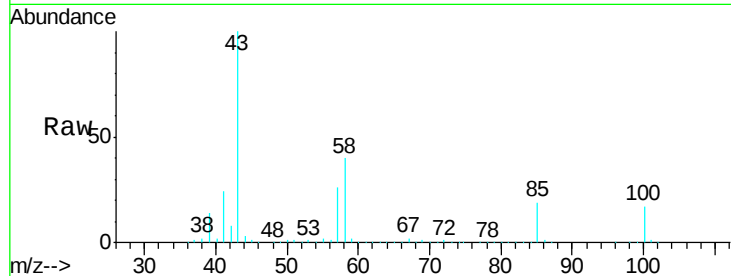
S49-0539MSD

Tgt Ion: 43 Resp: 761087

Ion Ratio Lower Upper

43 100

58 40.0 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

500000

400000

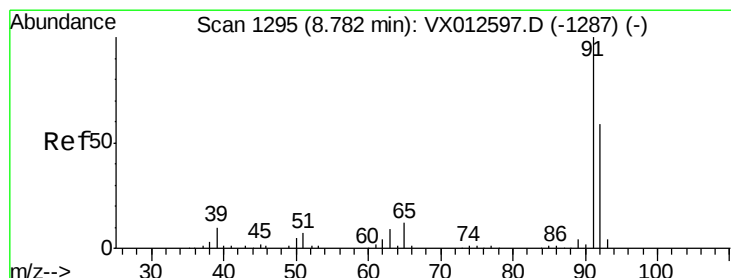
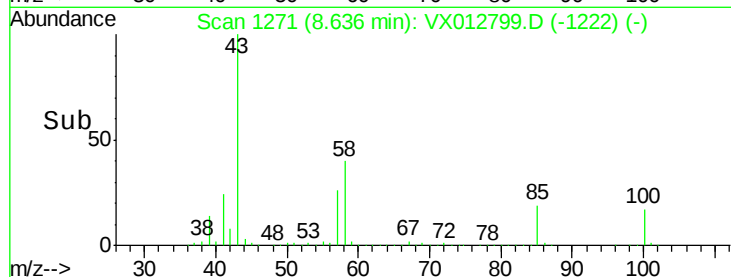
300000

200000

100000

0

Time--> 8.50 8.60 8.70 8.80



#52

Toluene

Concen: 48.286 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012799.D

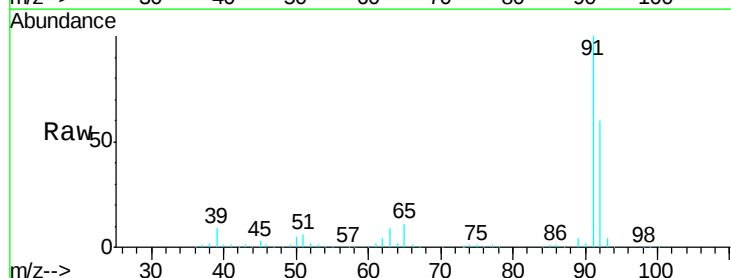
Acq: 03 Oct 2019 21:16

Tgt Ion: 92 Resp: 239849

Ion Ratio Lower Upper

92 100

91 166.8 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

300000

250000

200000

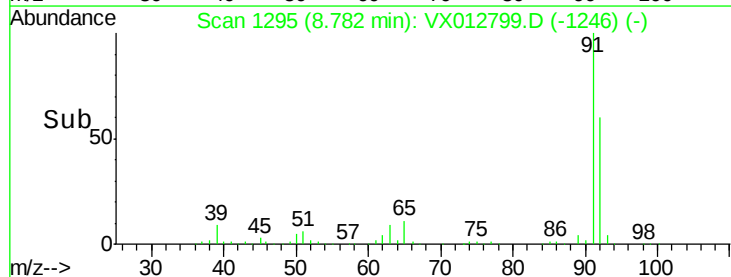
150000

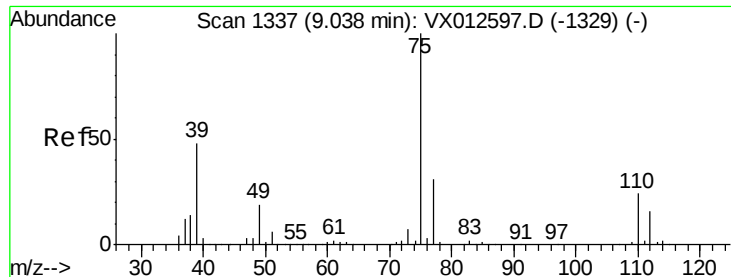
100000

50000

0

Time--> 8.70 8.75 8.80 8.85

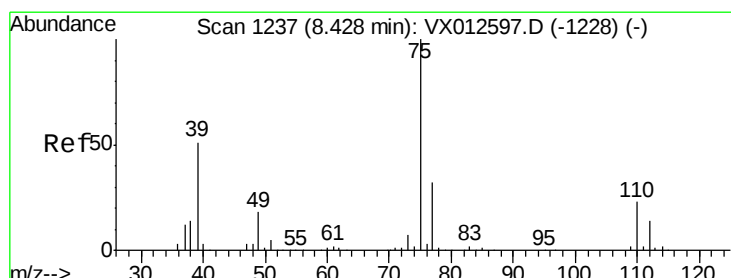
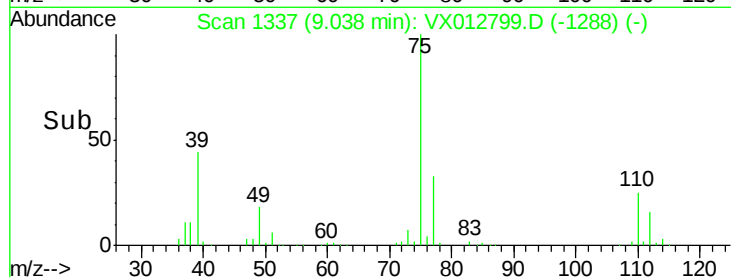
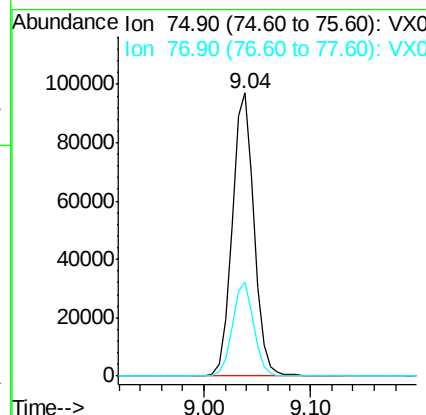
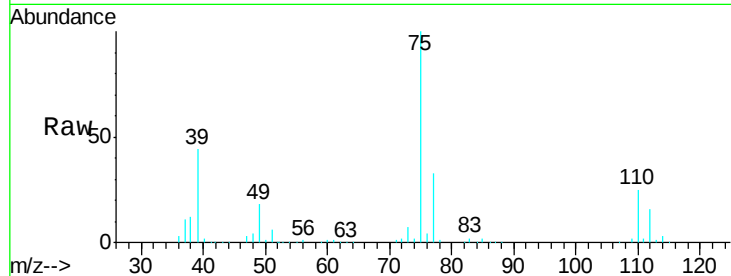




#53
t-1,3-Dichloropropene
Concen: 45.669 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

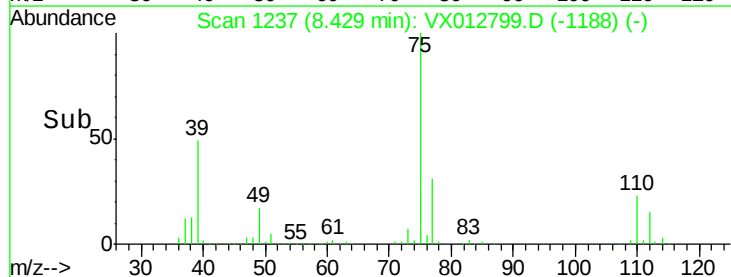
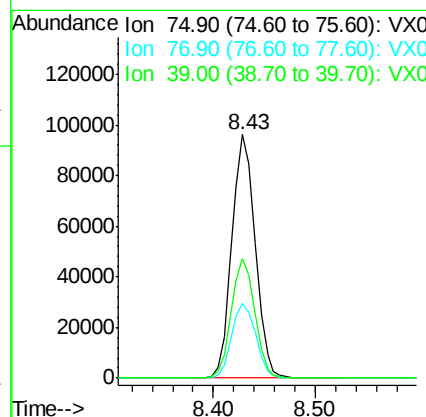
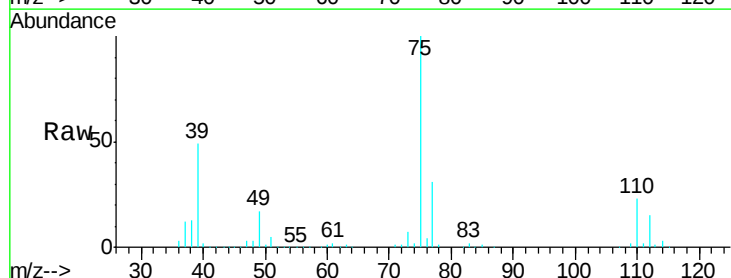
Instrument :
MSVOA_X
ClientSampled :
S49-0539MSD

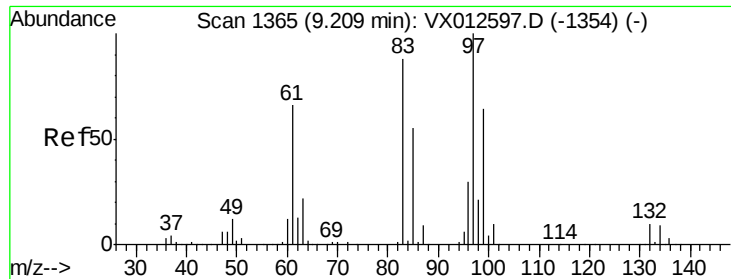
Tgt Ion: 75 Resp: 139126
Ion Ratio Lower Upper
75 100
77 33.2 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 45.720 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Tgt Ion: 75 Resp: 152072
Ion Ratio Lower Upper
75 100
77 30.9 25.8 38.8
39 49.1 45.5 68.3

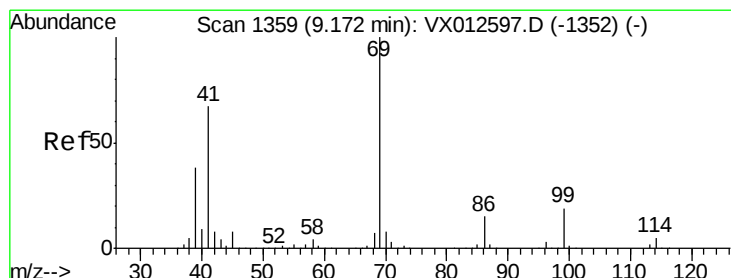
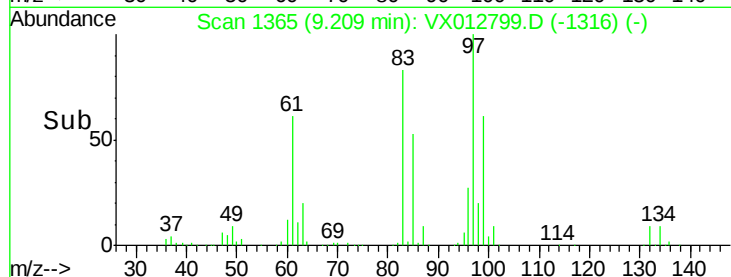
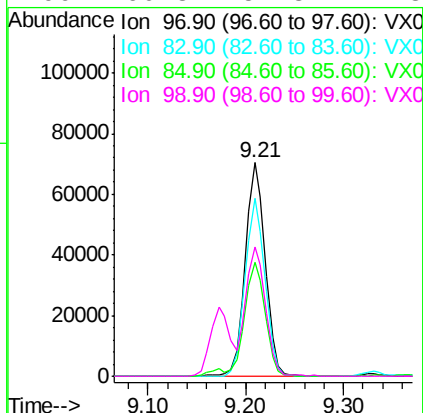
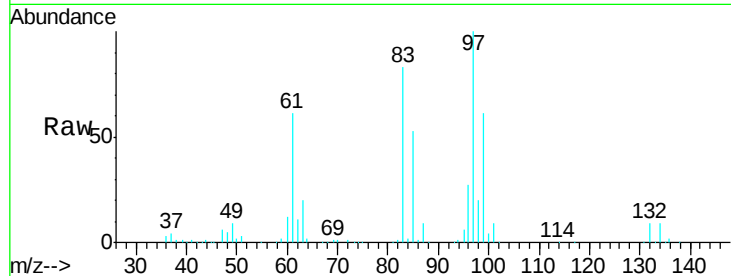




#55
 1,1,2-Trichloroethane
 Concen: 50.608 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

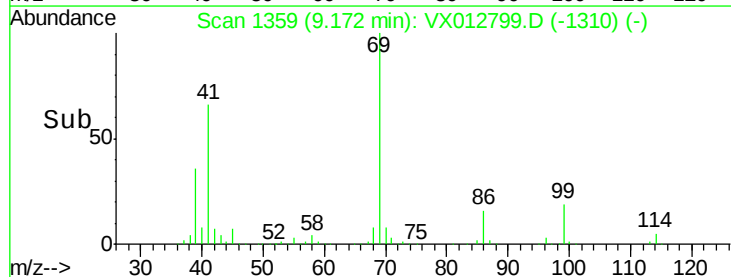
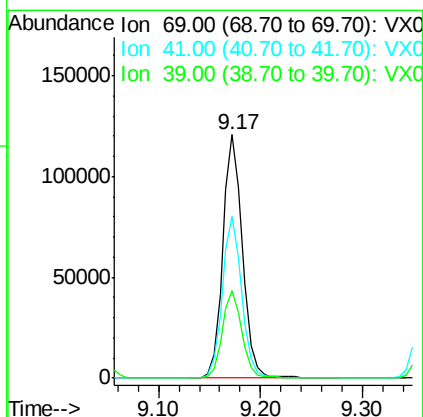
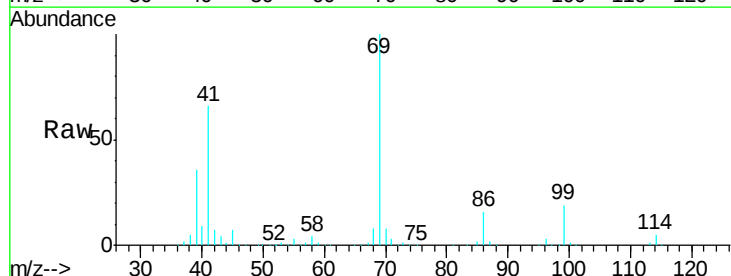
Instrument :
 MSVOA_X
 ClientSampled :
 S49-0539MSD

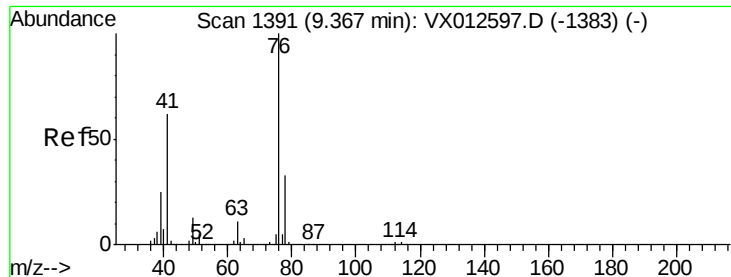
Tgt Ion:	97	Resp:	99941
Ion	Ratio	Lower	Upper
97	100		
83	83.3	67.4	101.2
85	53.3	43.5	65.3
99	60.8	51.8	77.8



#56
 Ethyl methacrylate
 Concen: 48.591 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

Tgt Ion:	69	Resp:	161211
Ion	Ratio	Lower	Upper
69	100		
41	65.8	58.4	87.6
39	36.0	33.4	50.0

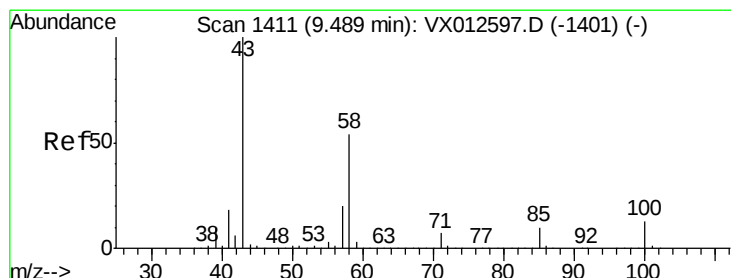
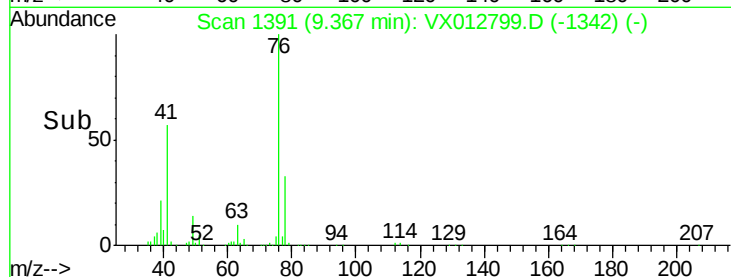
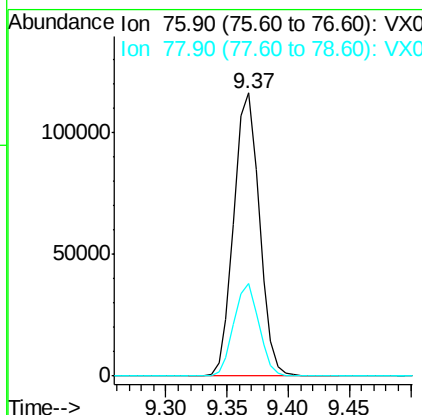
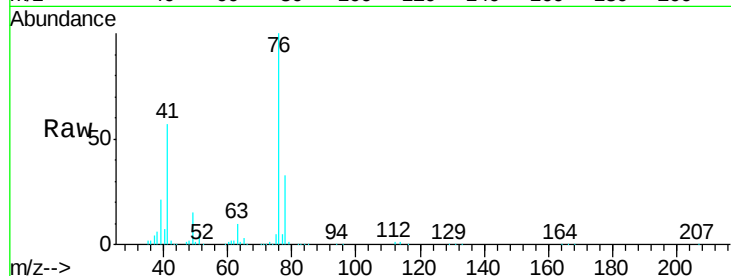




#57
 1,3-Dichloropropane
 Concen: 48.858 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

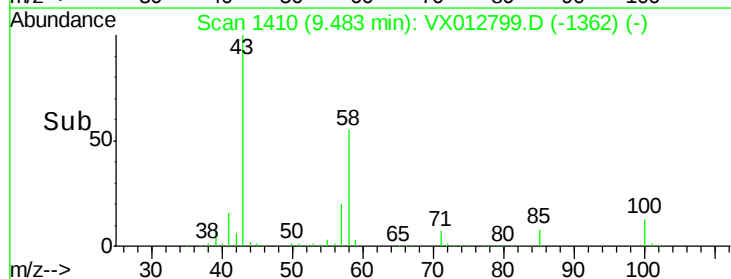
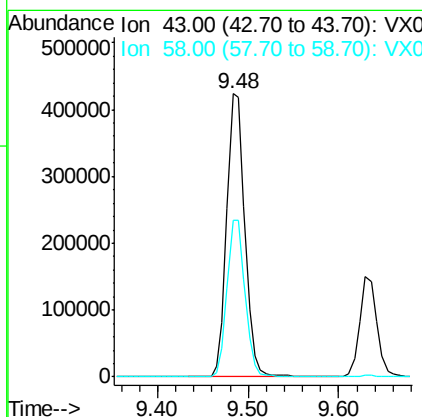
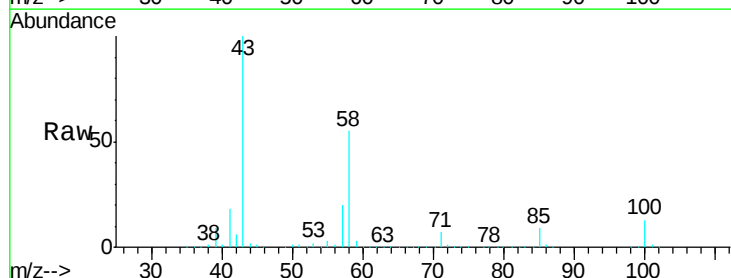
Instrument :
 MSVOA_X
 ClientSampled :
 S49-0539MSD

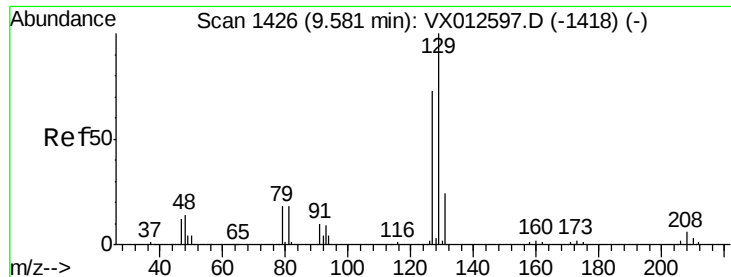
Tgt Ion: 76 Resp: 168867
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.2 39.2



#59
 2-Hexanone
 Concen: 237.479 ug/l
 RT: 9.48 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

Tgt Ion: 43 Resp: 589263
 Ion Ratio Lower Upper
 43 100
 58 55.5 25.7 77.1

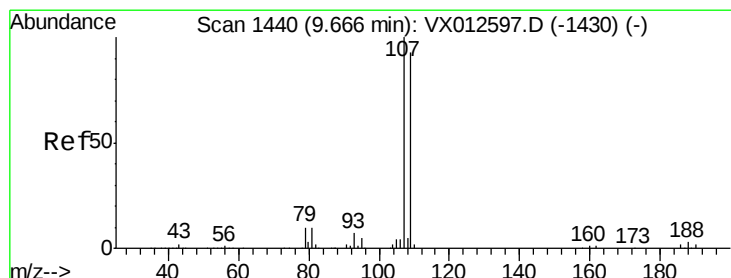
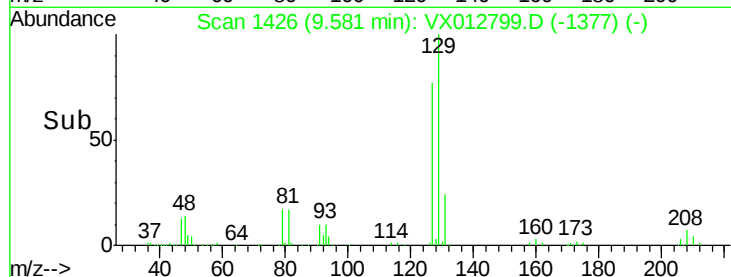
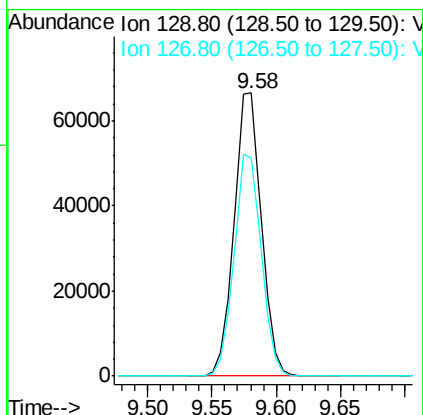
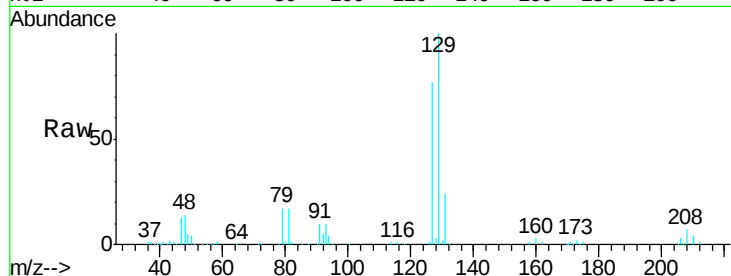




#60
Dibromochloromethane
Concen: 49.207 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

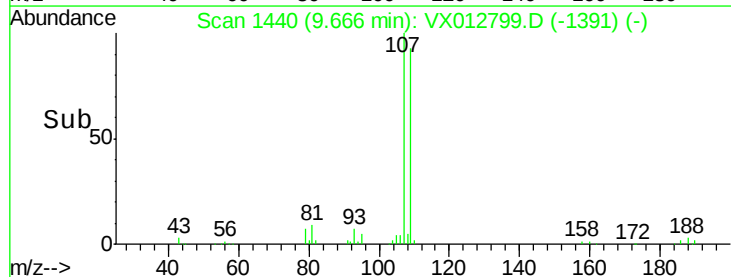
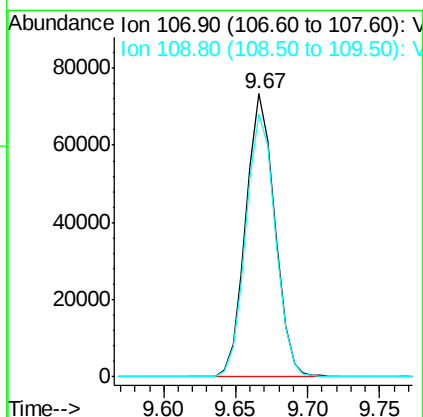
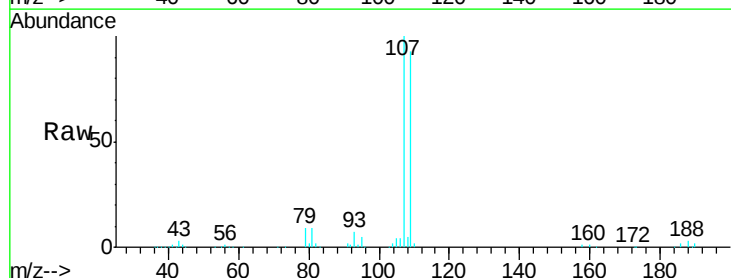
Instrument :
MSVOA_X
ClientSampleId :
S49-0539MSD

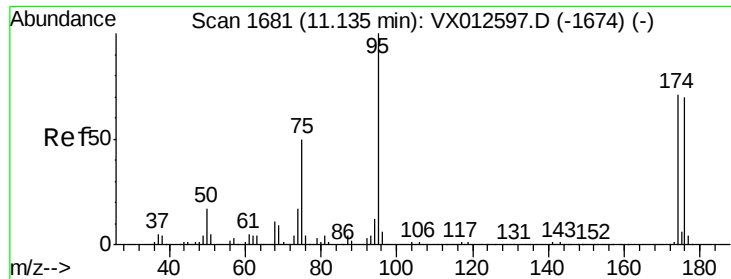
Tgt Ion:129 Resp: 98370
Ion Ratio Lower Upper
129 100
127 78.5 38.9 116.6



#61
1,2-Dibromoethane
Concen: 49.609 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Tgt Ion:107 Resp: 101958
Ion Ratio Lower Upper
107 100
109 94.5 74.7 112.1





#62

4-Bromofluorobenzene

Concen: 50.429 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

S49-0539MSD

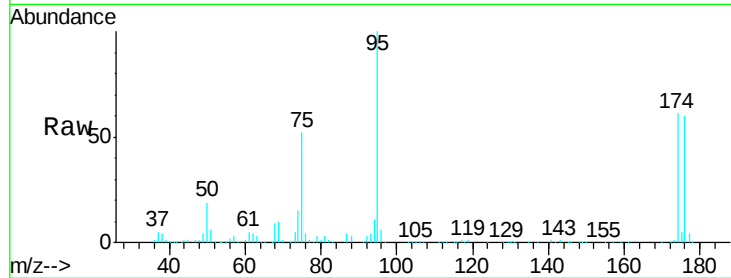
Tgt Ion: 95 Resp: 126730

Ion Ratio Lower Upper

95 100

174 69.8 0.0 140.0

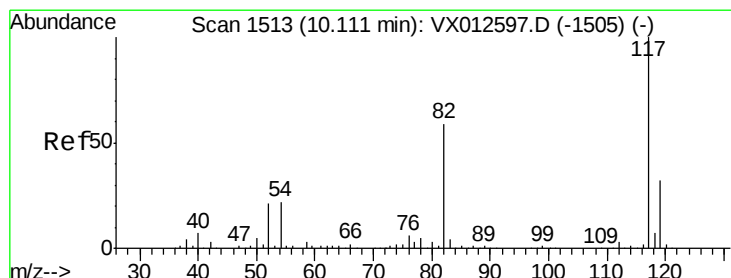
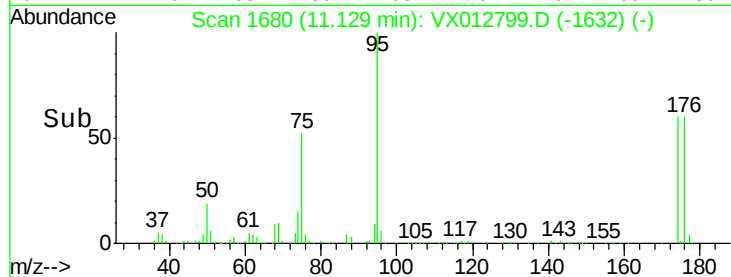
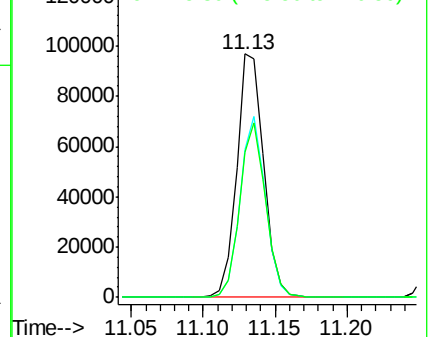
176 68.6 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

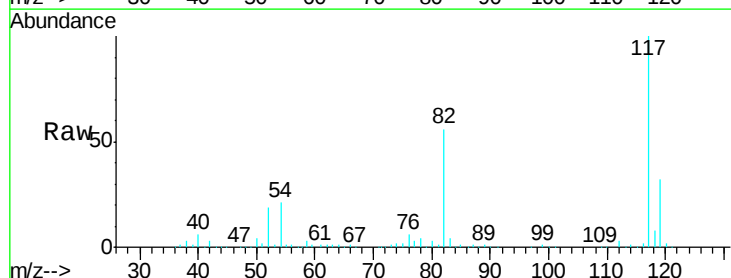
Tgt Ion: 117 Resp: 249813

Ion Ratio Lower Upper

117 100

82 56.2 45.9 68.9

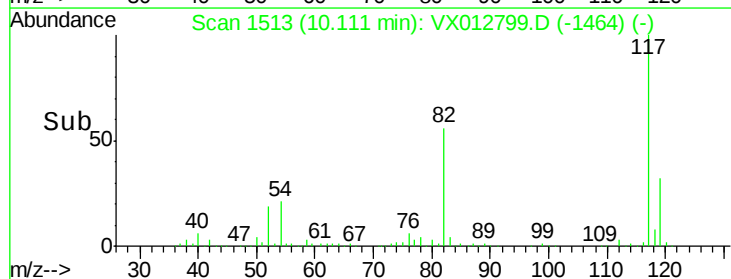
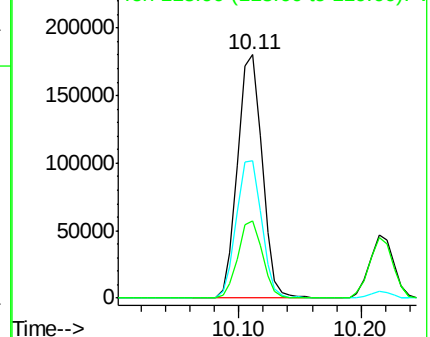
119 31.9 25.3 37.9

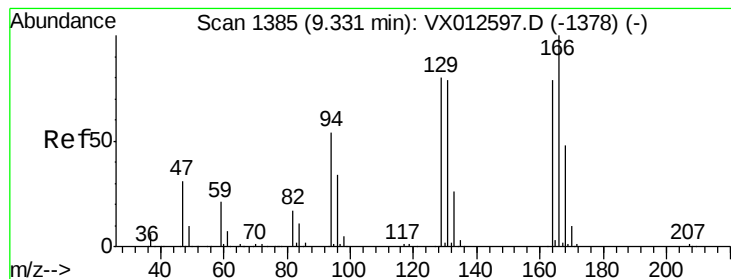


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 45.464 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

S49-0539MSD

Tgt Ion:164 Resp: 79187

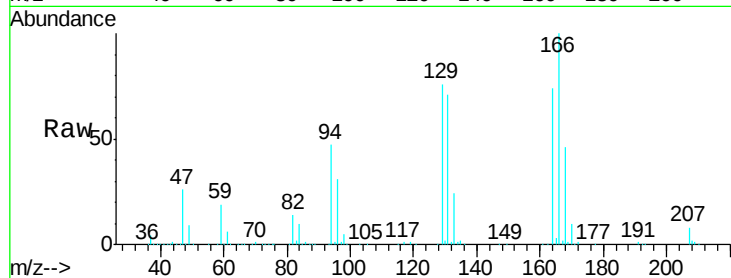
Ion Ratio Lower Upper

164 100

166 135.3 107.8 161.6

129 102.7 86.2 129.2

131 96.5 80.4 120.6

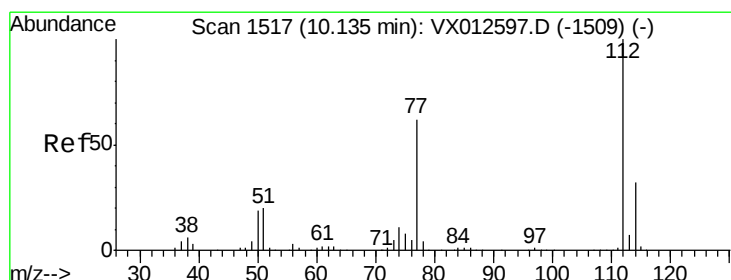
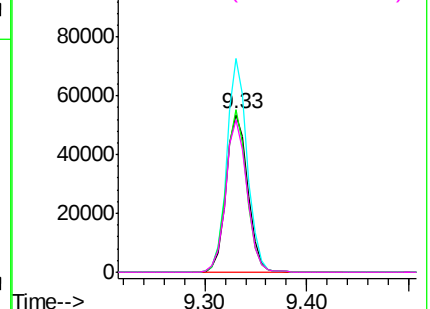
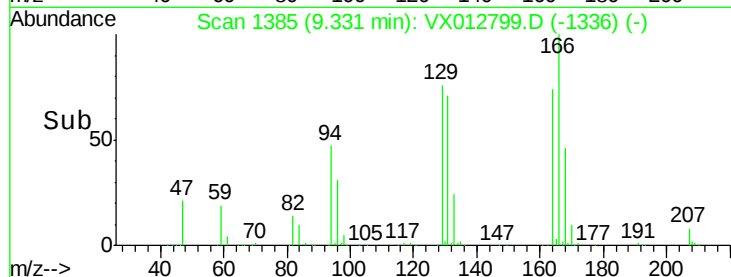


Abundance Ion 163.80 (163.50 to 164.50): V

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: 47.463 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012799.D

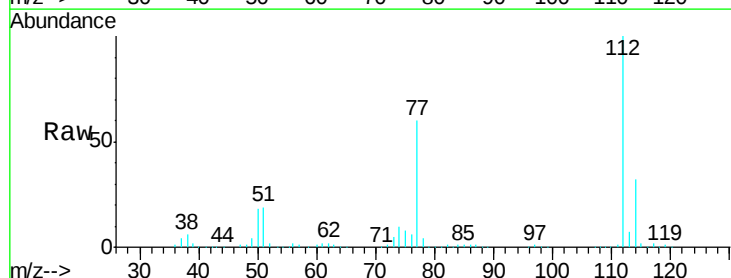
Acq: 03 Oct 2019 21:16

Tgt Ion:112 Resp: 249683

Ion Ratio Lower Upper

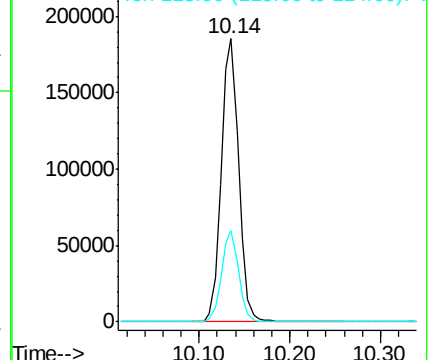
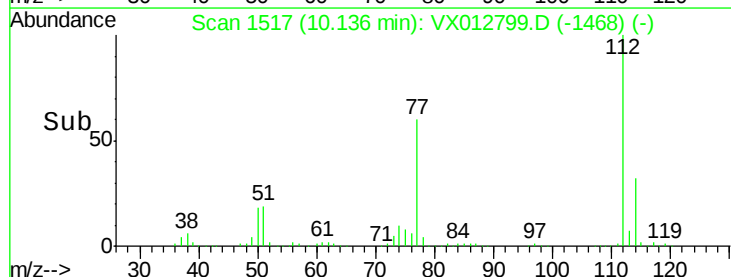
112 100

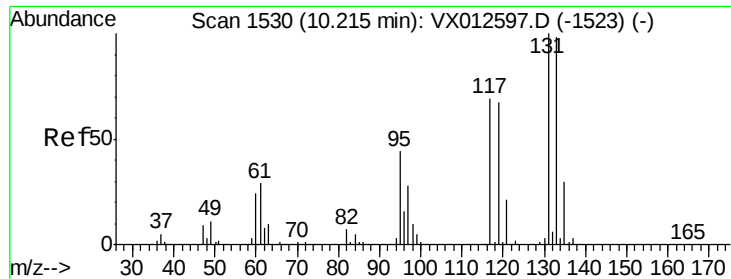
114 32.5 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

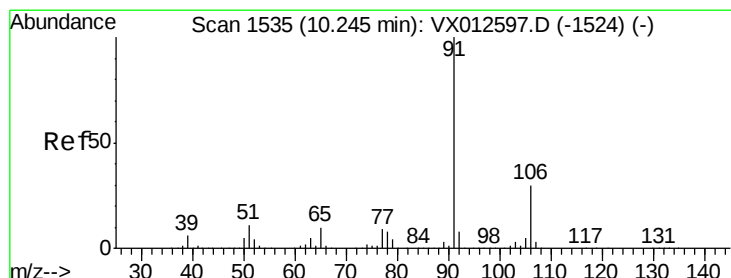
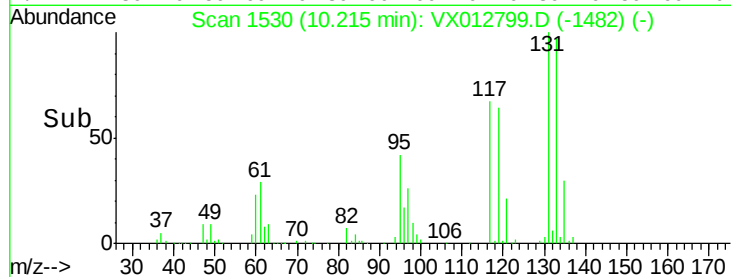
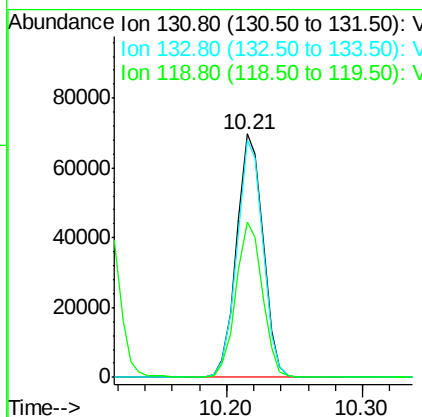
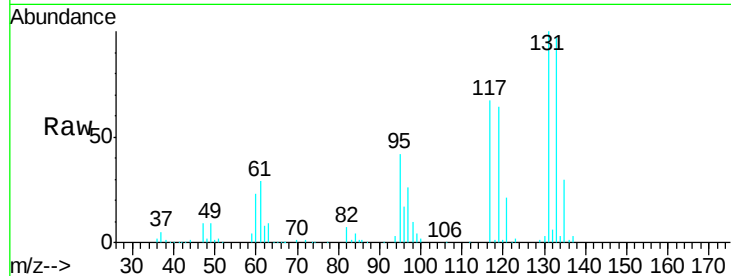




#66
 1,1,1,2-Tetrachloroethane
 Concen: 49.471 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

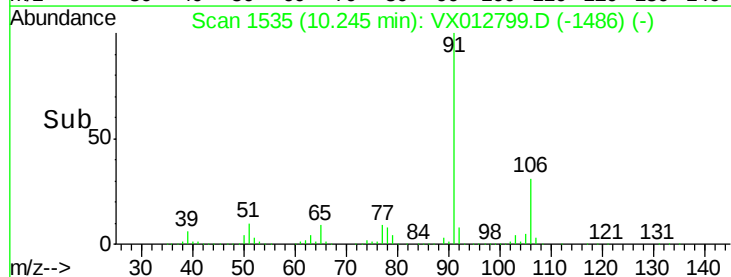
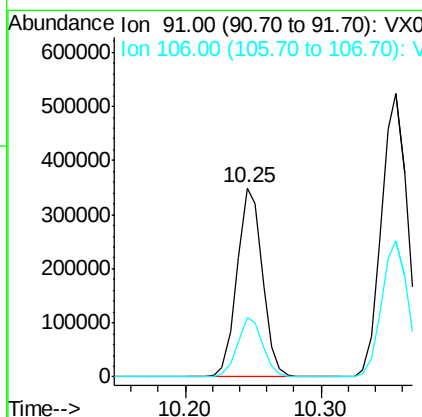
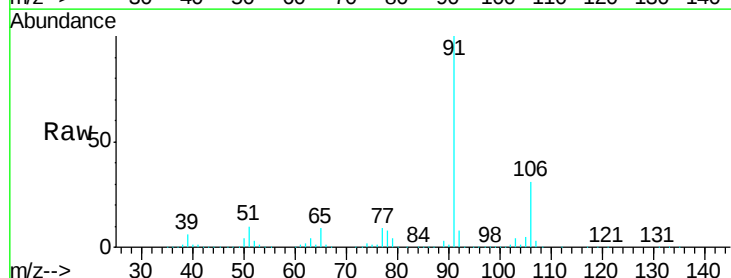
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0539MSD

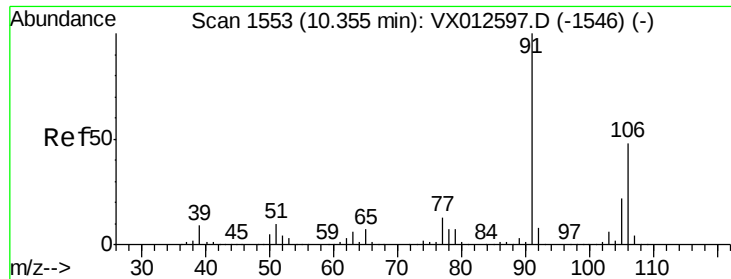
Tgt Ion:131 Resp: 94293
 Ion Ratio Lower Upper
 131 100
 133 95.9 47.6 142.9
 119 64.0 31.3 93.8



#67
 Ethyl Benzene
 Concen: 47.713 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

Tgt Ion: 91 Resp: 455246
 Ion Ratio Lower Upper
 91 100
 106 31.1 24.6 37.0

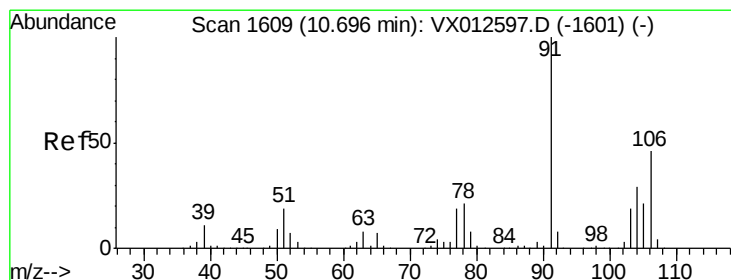
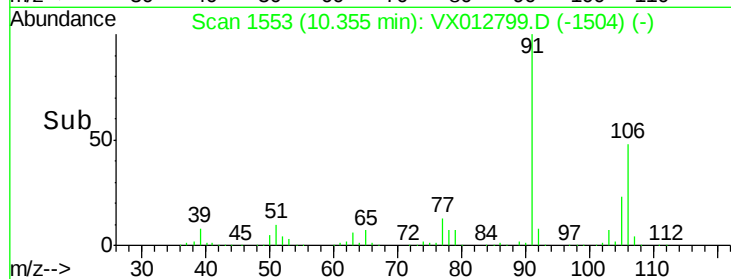
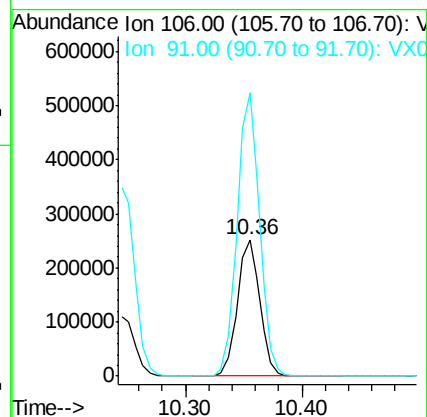
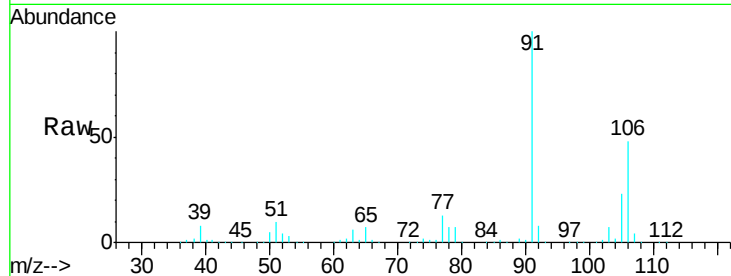




#68
m/p-Xylenes
Concen: 95.103 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

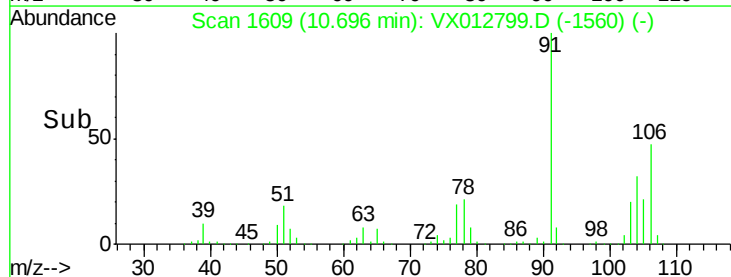
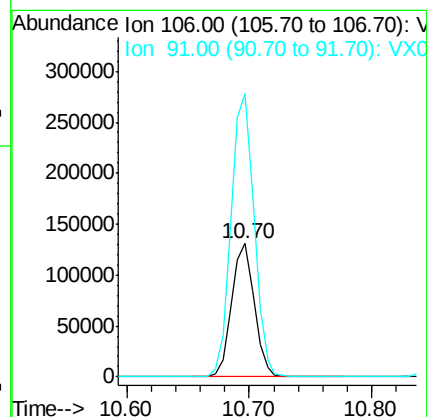
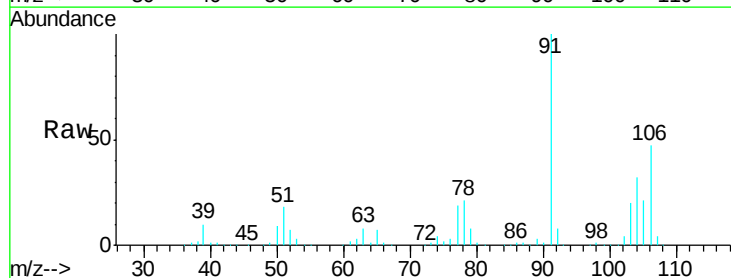
Instrument :
MSVOA_X
ClientSampled :
S49-0539MSD

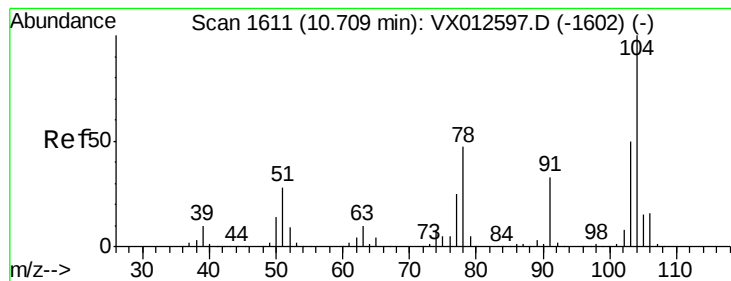
Tgt Ion:106 Resp: 339913
Ion Ratio Lower Upper
106 100
91 207.3 166.6 250.0



#69
o-Xylene
Concen: 48.282 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Tgt Ion:106 Resp: 166979
Ion Ratio Lower Upper
106 100
91 216.2 109.4 328.2





#70

Styrene

Concen: 49.932 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

S49-0539MSD

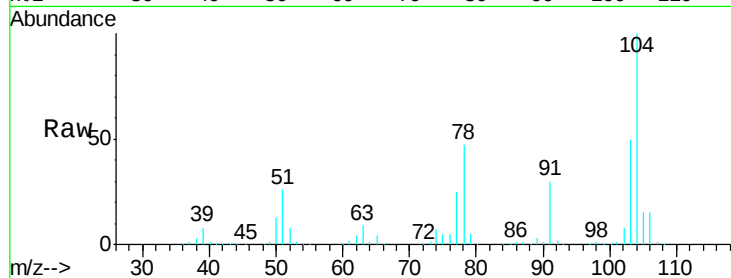
Tgt Ion:104 Resp: 289497

Ion Ratio Lower Upper

104 100

78 52.2 43.4 65.2

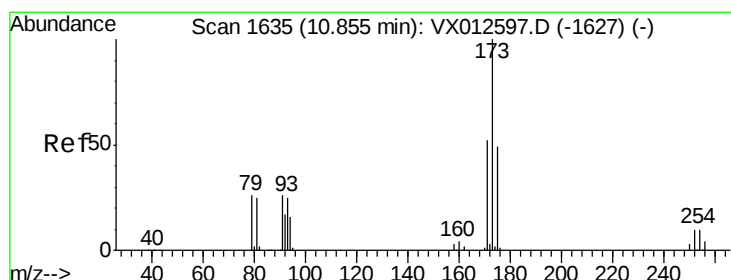
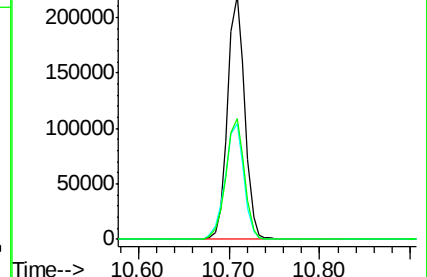
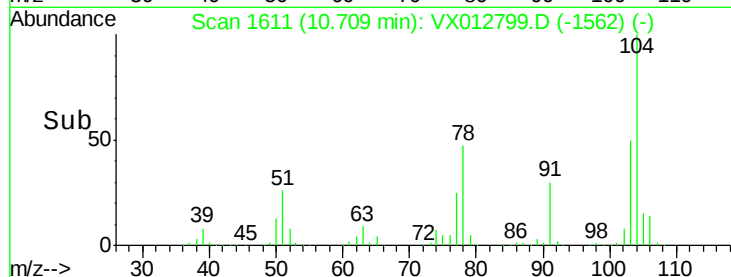
103 53.5 43.3 64.9



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 51.211 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

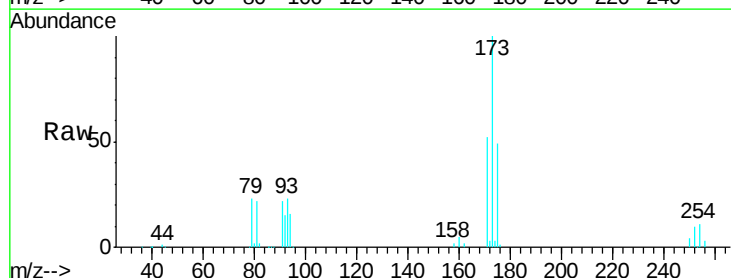
Tgt Ion:173 Resp: 67966

Ion Ratio Lower Upper

173 100

175 48.0 23.7 71.1

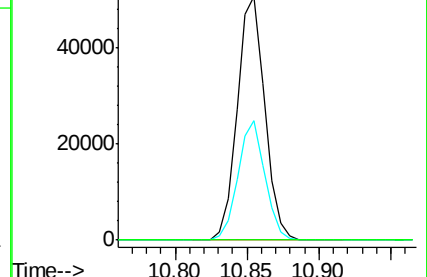
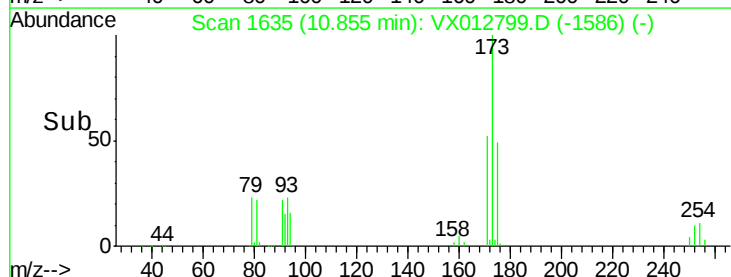
254 0.0 0.1 0.1#

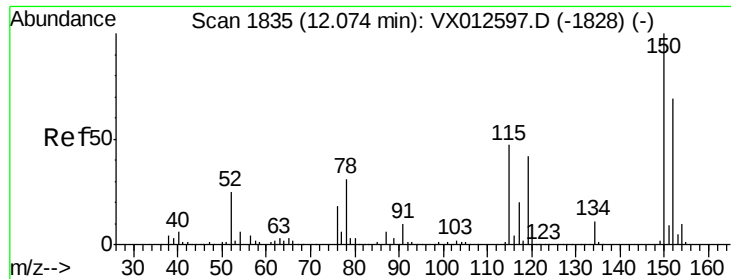


Abundance Ion 172.70 (172.40 to 173.40): V

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: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

S49-0539MSD

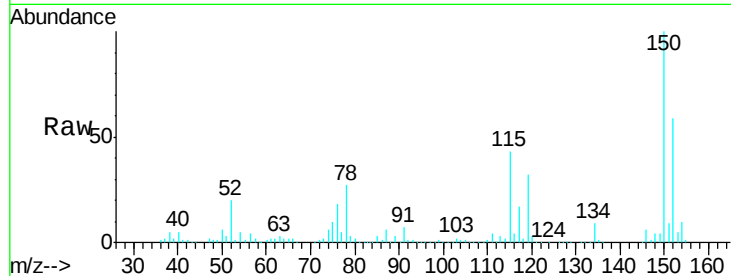
Tgt Ion:152 Resp: 114862

Ion Ratio Lower Upper

152 100

115 90.7 44.1 132.3

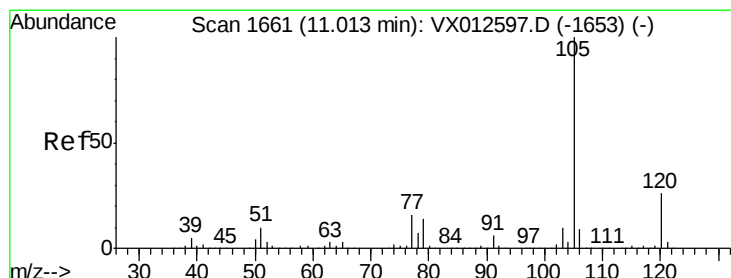
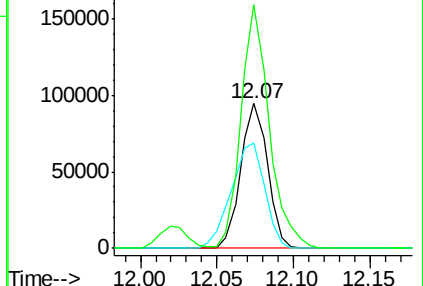
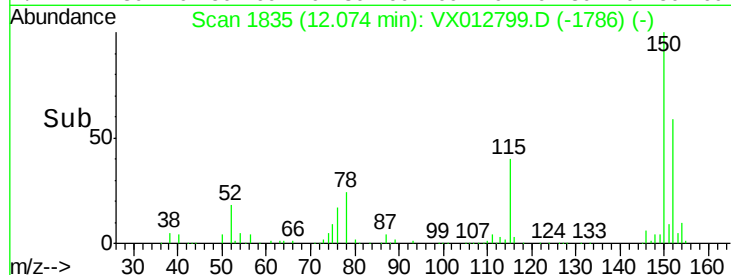
150 177.3 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 47.540 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012799.D

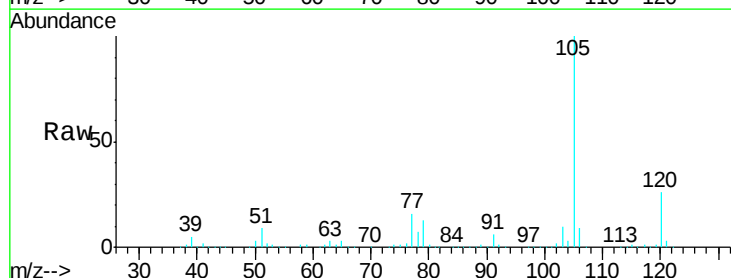
Acq: 03 Oct 2019 21:16

Tgt Ion:105 Resp: 444739

Ion Ratio Lower Upper

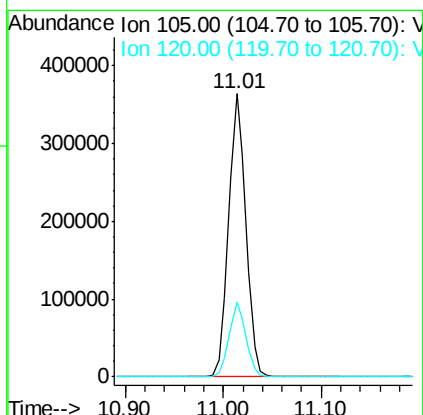
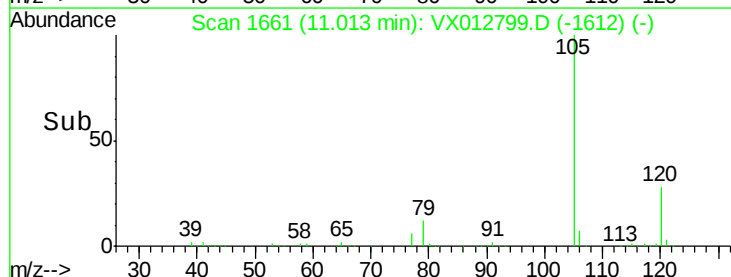
105 100

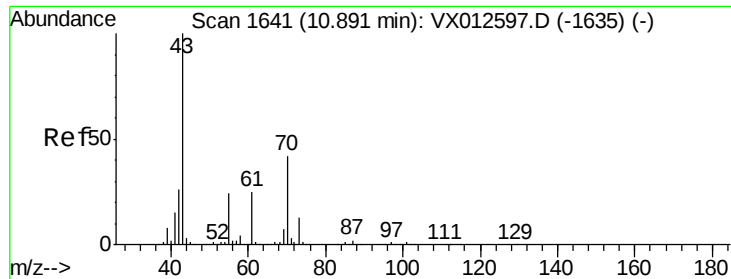
120 25.9 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 45.476 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampled :

S49-0539MSD

Tgt Ion: 43 Resp: 202964

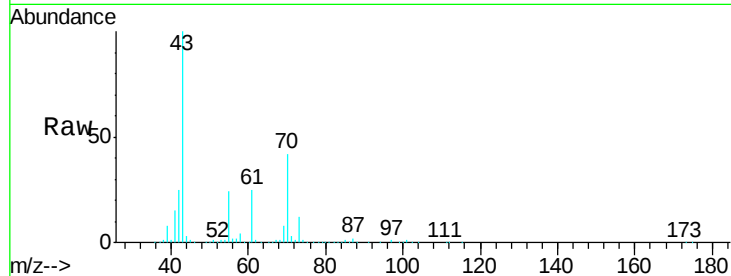
Ion Ratio Lower Upper

43 100

70 43.7 32.4 48.6

55 25.0 18.2 27.4

61 25.1 18.5 27.7

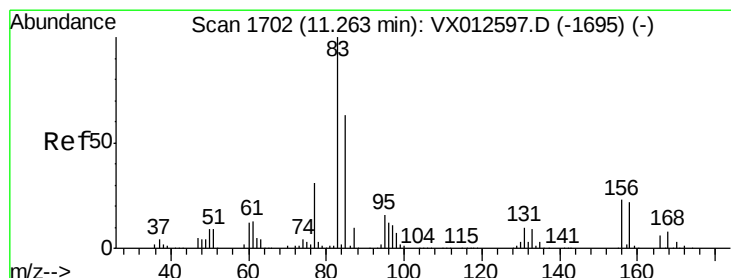
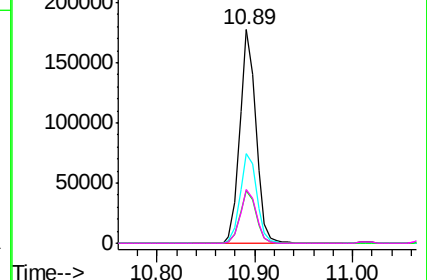
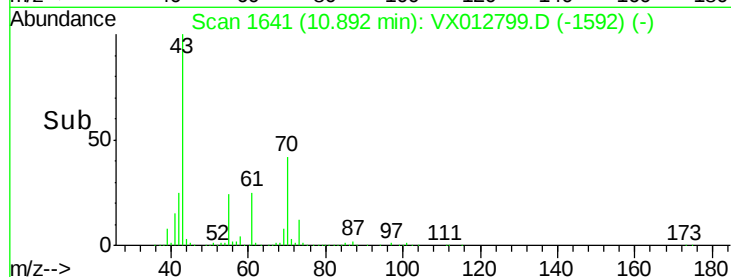


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 50.142 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

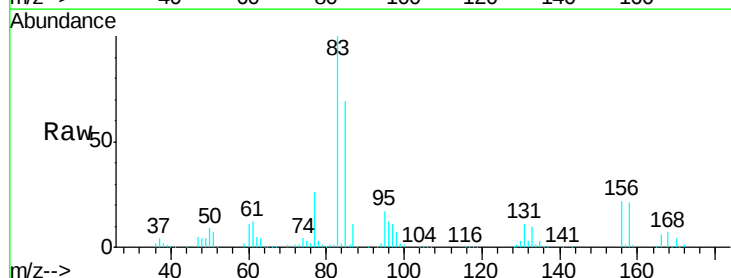
Tgt Ion: 83 Resp: 155355

Ion Ratio Lower Upper

83 100

131 10.7 5.2 15.6

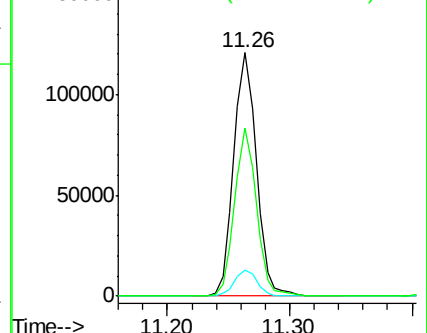
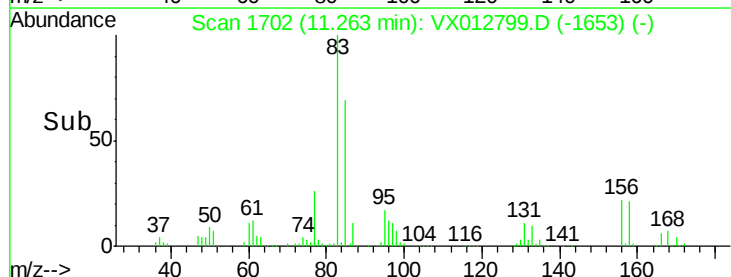
85 66.1 32.0 96.0

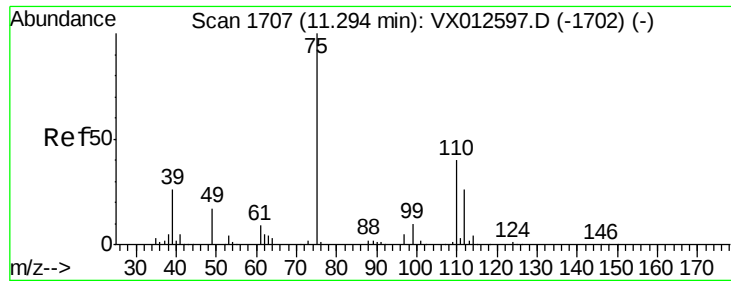


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

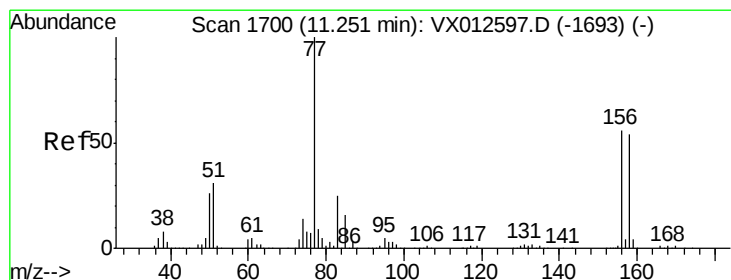
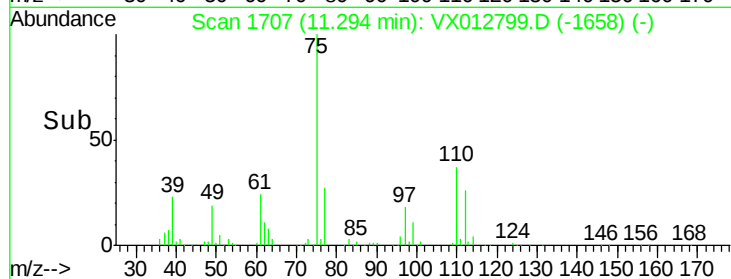
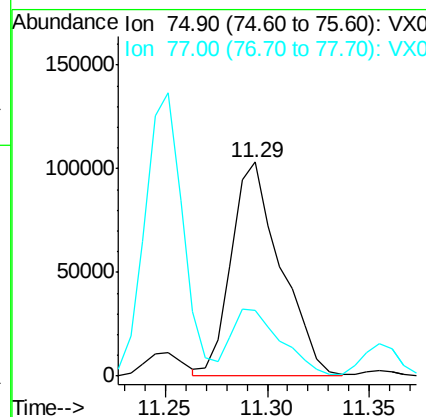
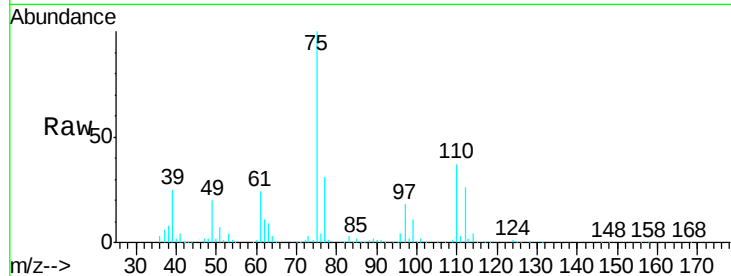




#76
 1,2,3-Trichloropropane
 Concen: 57.077 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

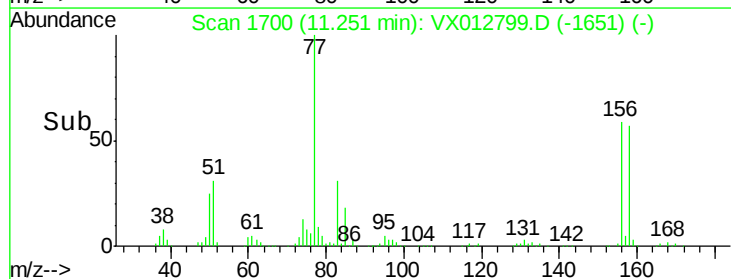
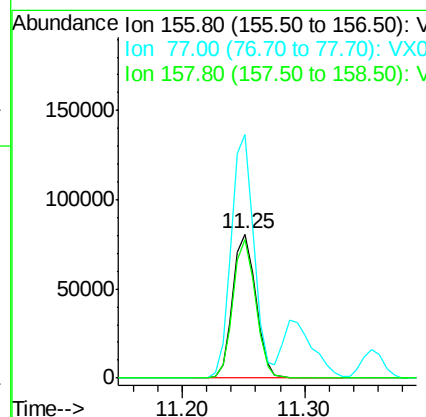
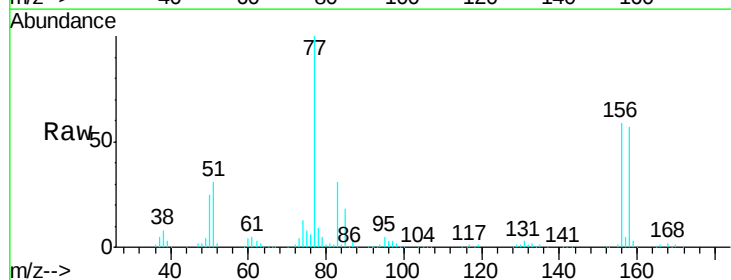
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0539MSD

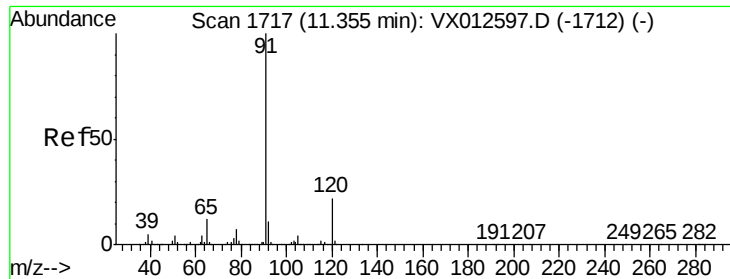
Tgt Ion: 75 Resp: 173423
 Ion Ratio Lower Upper
 75 100
 77 31.3 19.7 59.0



#77
 Bromobenzene
 Concen: 49.492 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

Tgt Ion: 156 Resp: 104790
 Ion Ratio Lower Upper
 156 100
 77 168.5 87.3 261.8
 158 94.6 48.5 145.6





#78

n-propylbenzene

Concen: 45.968 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

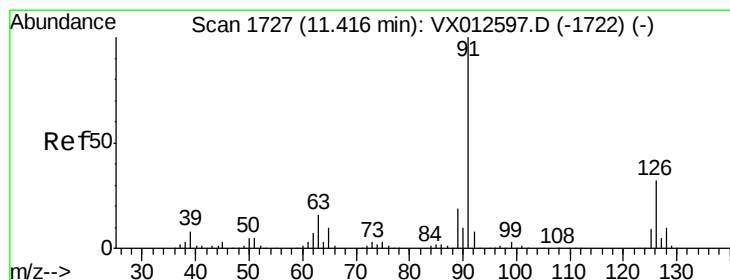
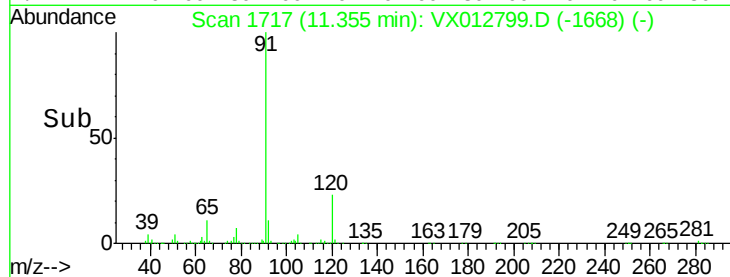
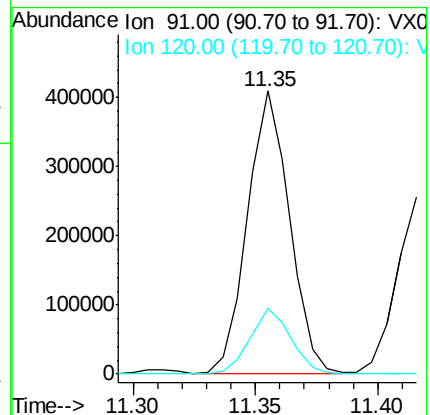
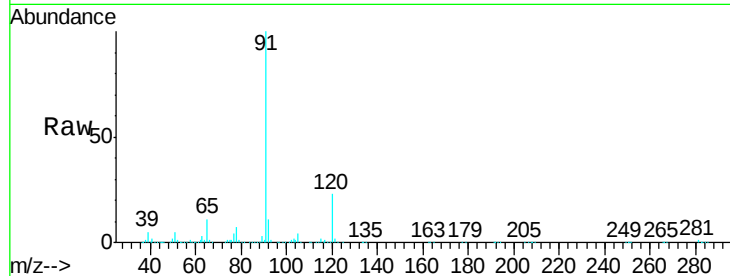
S49-0539MSD

Tgt Ion: 91 Resp: 484151

Ion Ratio Lower Upper

91 100

120 23.0 11.3 33.8



#79

2-Chlorotoluene

Concen: 47.028 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012799.D

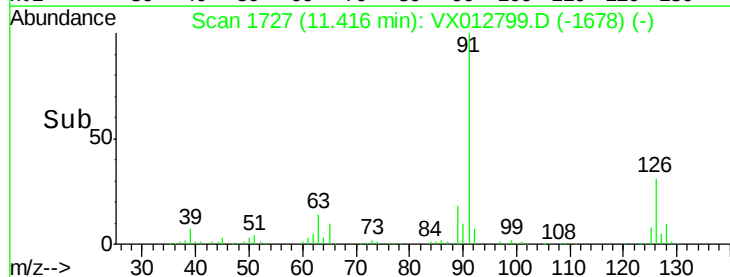
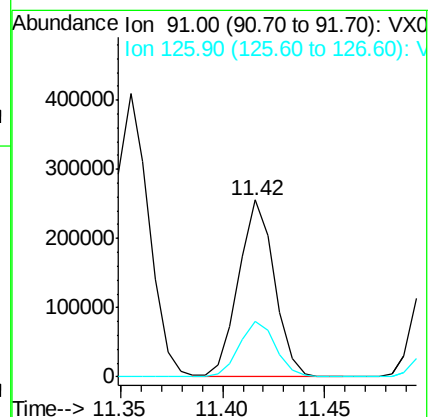
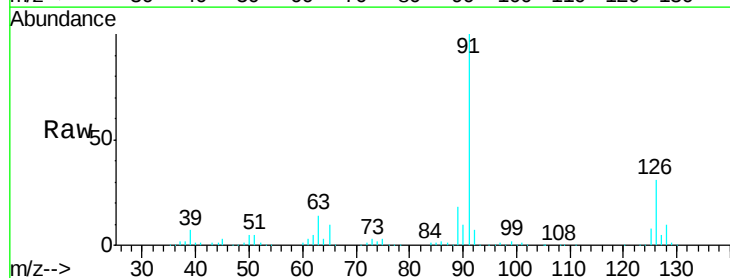
Acq: 03 Oct 2019 21:16

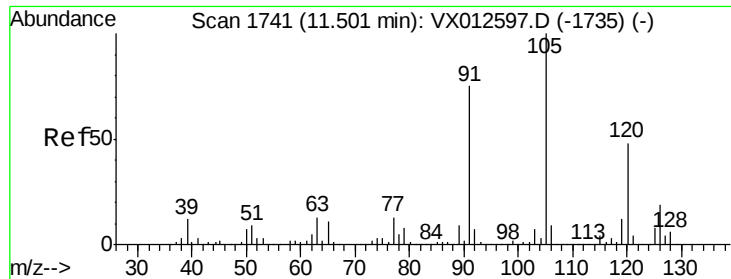
Tgt Ion: 91 Resp: 308982

Ion Ratio Lower Upper

91 100

126 32.2 16.4 49.4

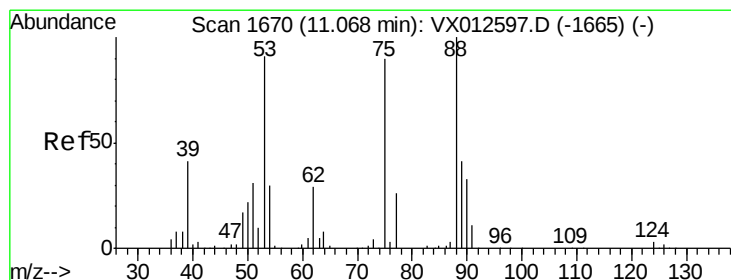
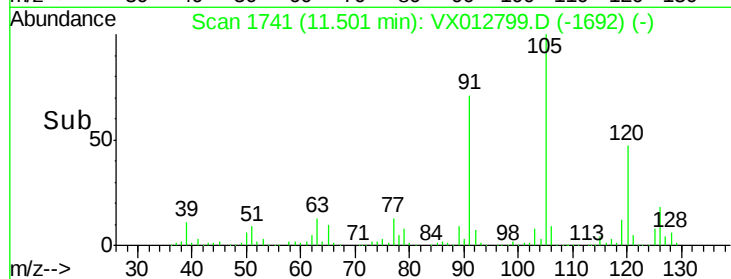
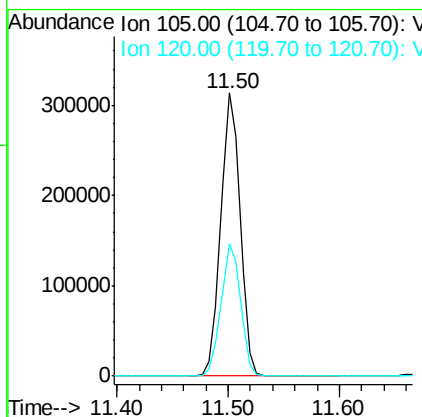
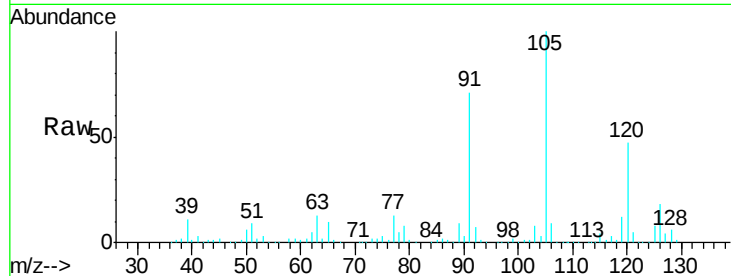




#80
 1,3,5-Trimethylbenzene
 Concen: 48.302 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

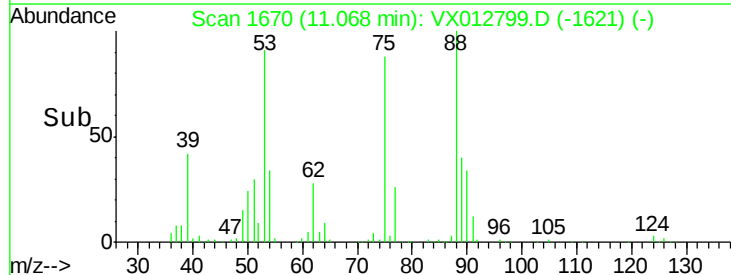
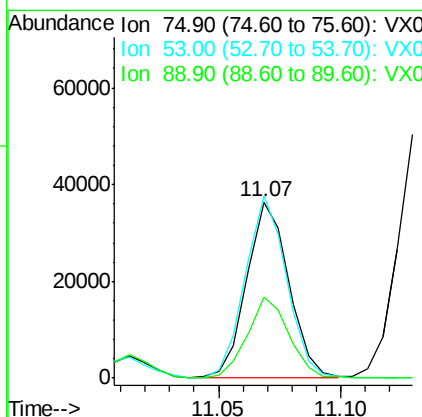
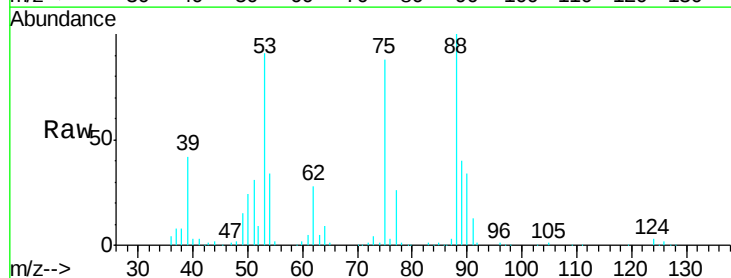
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0539MSD

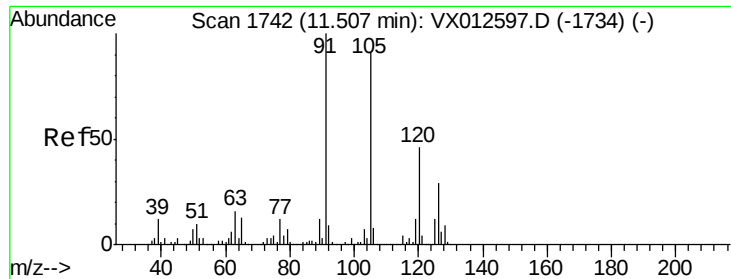
Tgt Ion: 105 Resp: 378931
 Ion Ratio Lower Upper
 105 100
 120 46.9 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 41.052 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

Tgt Ion: 75 Resp: 43525
 Ion Ratio Lower Upper
 75 100
 53 101.7 83.6 125.4
 89 45.9 36.3 54.5

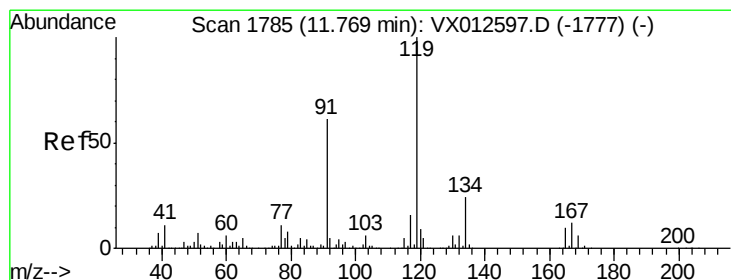
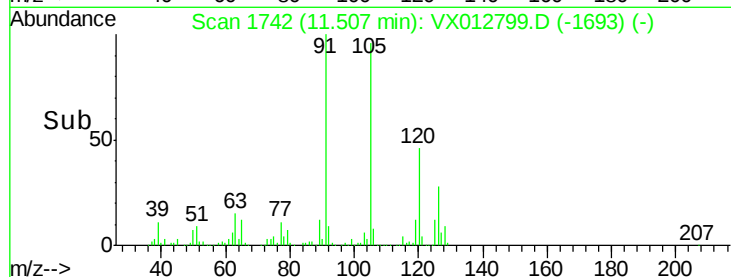
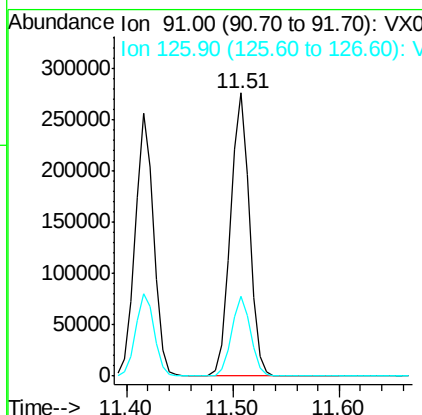
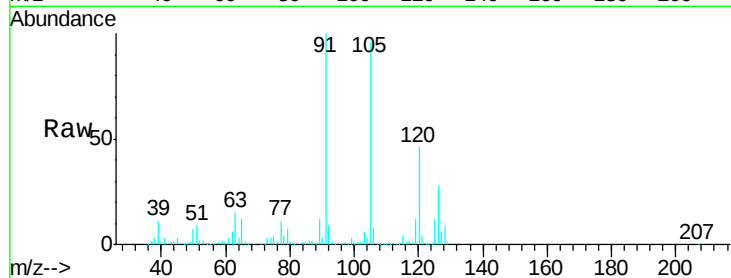




#82
4-Chlorotoluene
Concen: 46.151 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

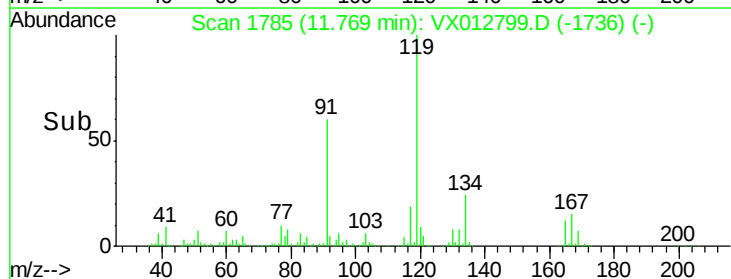
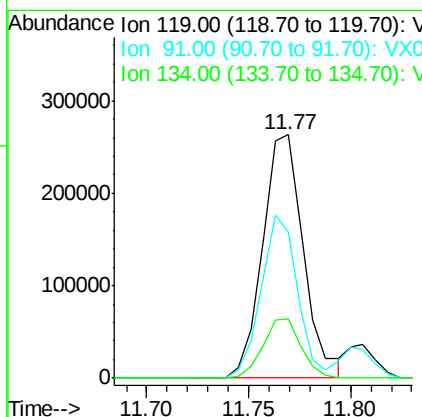
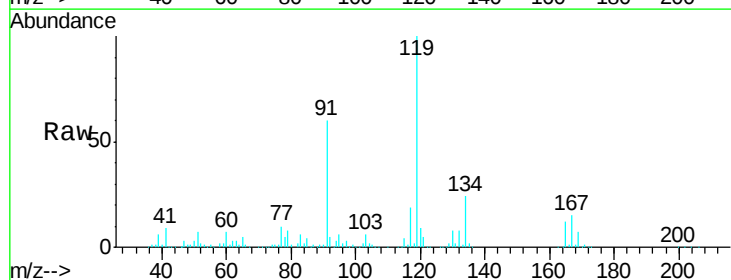
Instrument :
MSVOA_X
ClientSampleId :
S49-0539MSD

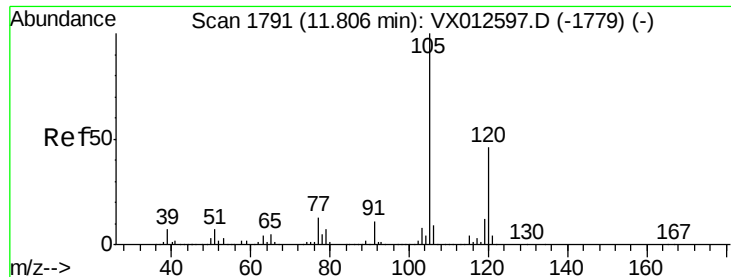
Tgt Ion: 91 Resp: 345657
Ion Ratio Lower Upper
91 100
126 28.2 14.4 43.0



#83
tert-Butylbenzene
Concen: 48.540 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Tgt Ion: 119 Resp: 367330
Ion Ratio Lower Upper
119 100
91 59.5 30.0 90.0
134 22.8 11.3 33.9

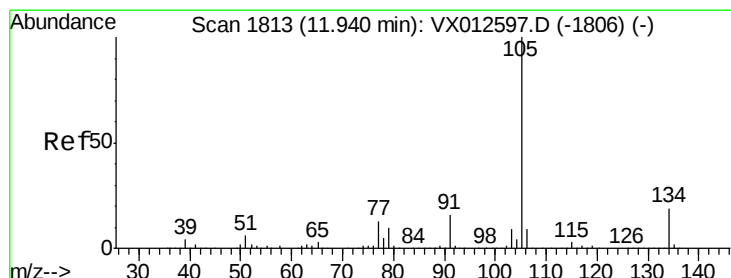
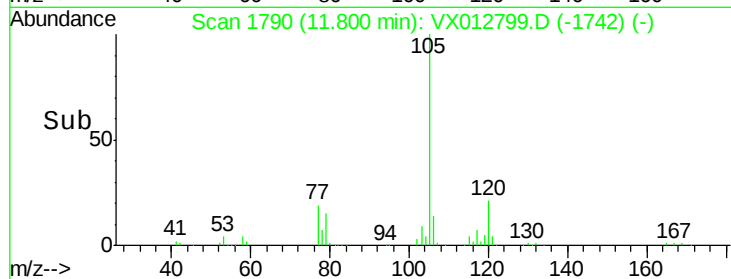
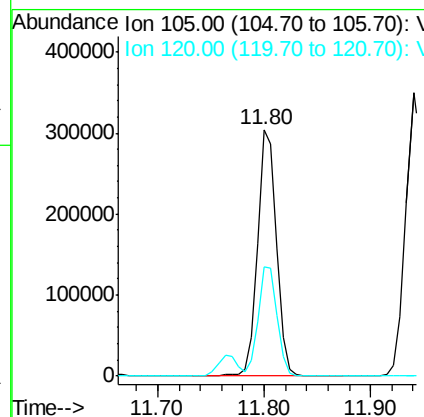
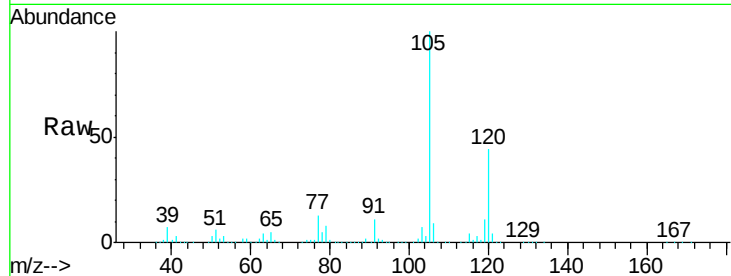




#84
 1,2,4-Trimethylbenzene
 Concen: 47.848 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

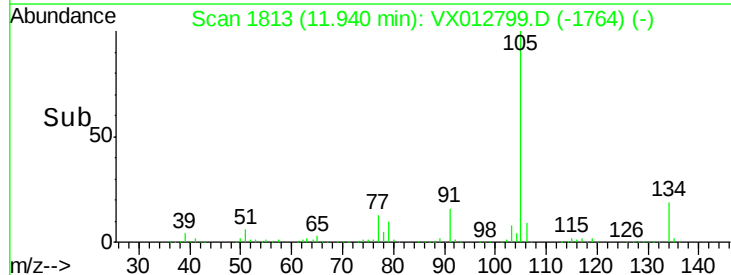
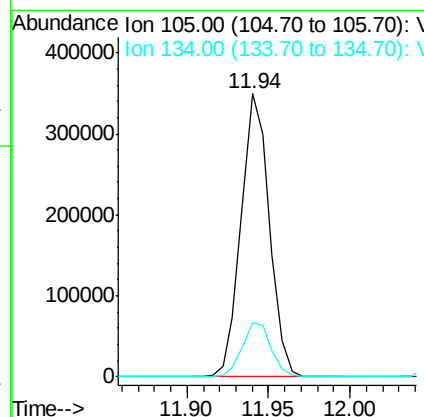
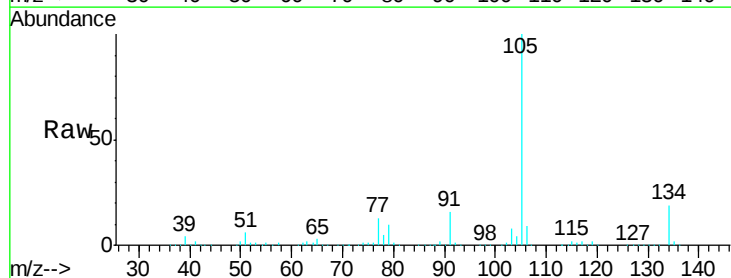
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0539MSD

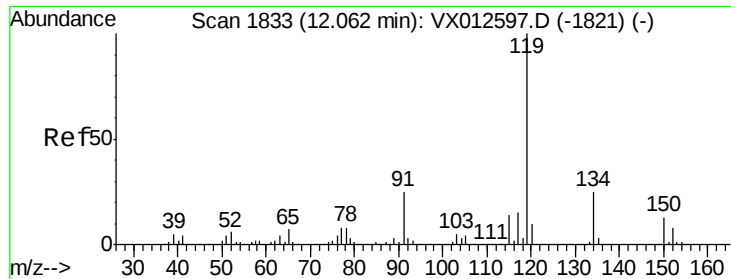
Tgt Ion:105 Resp: 378663
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.2 66.6



#85
 sec-Butylbenzene
 Concen: 48.032 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

Tgt Ion:105 Resp: 422780
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

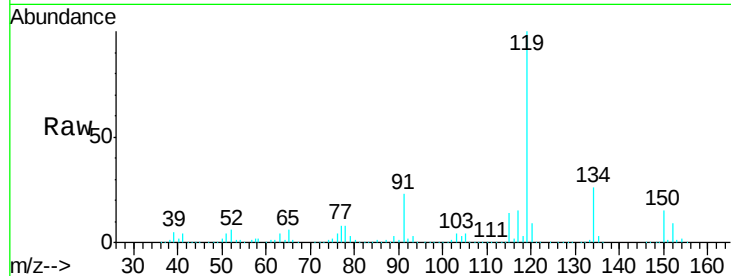




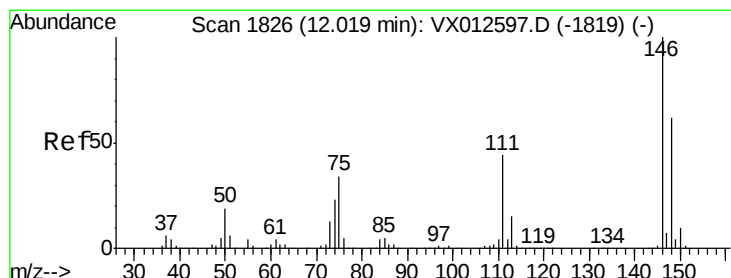
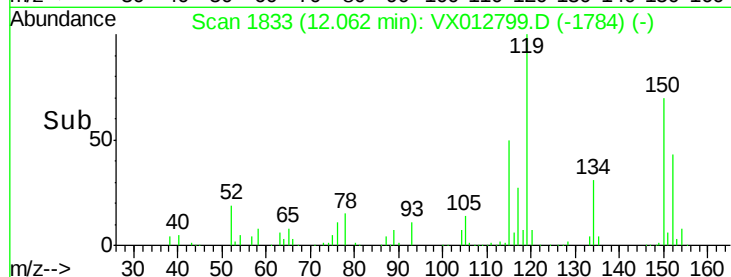
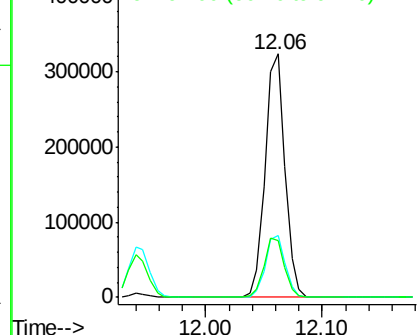
#86
p-Isopropyltoluene
Concen: 48.517 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Instrument :
MSVOA_X
ClientSampleId :
S49-0539MSD

Tgt Ion:119 Resp: 385326
Ion Ratio Lower Upper
119 100
134 25.8 12.7 38.1
91 24.9 12.8 38.4

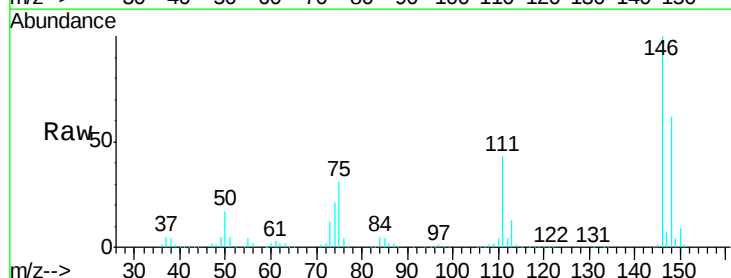


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): VX0

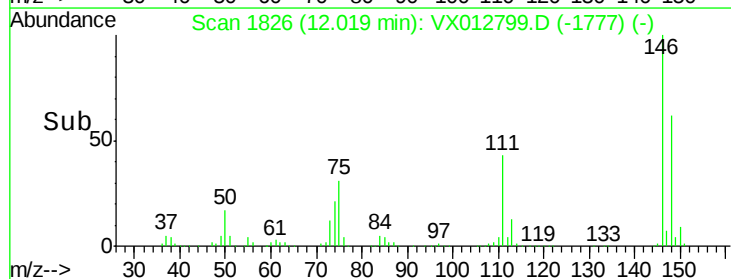
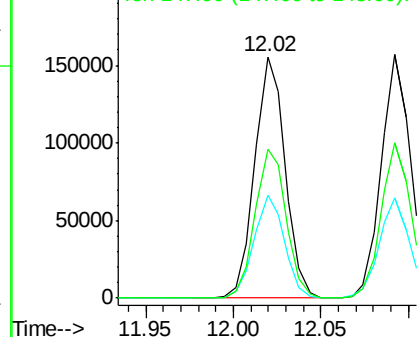


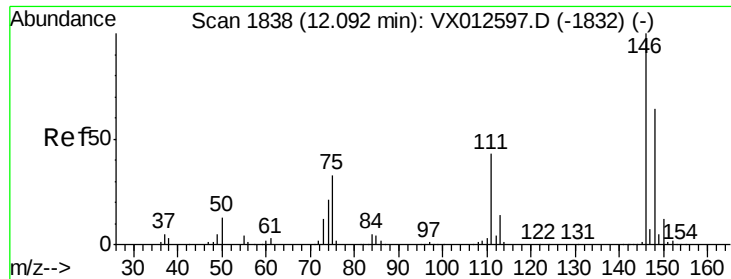
#87
1,3-Dichlorobenzene
Concen: 49.656 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Tgt Ion:146 Resp: 189206
Ion Ratio Lower Upper
146 100
111 42.9 21.3 64.0
148 63.0 32.4 97.2



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

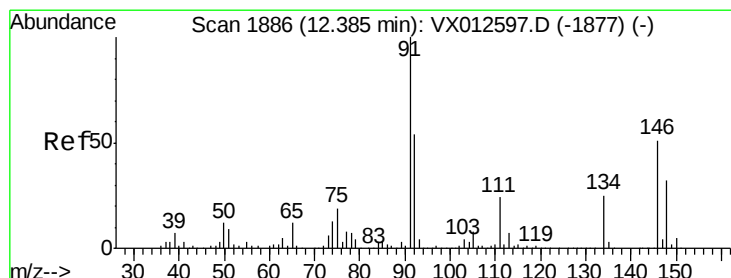
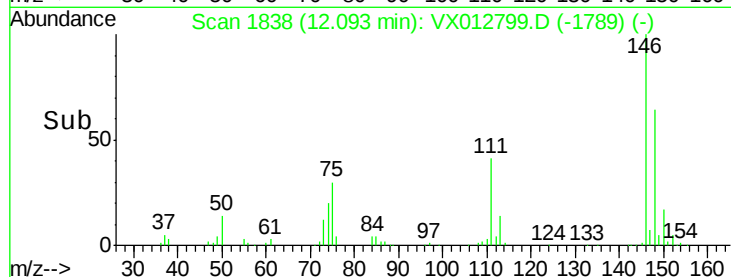
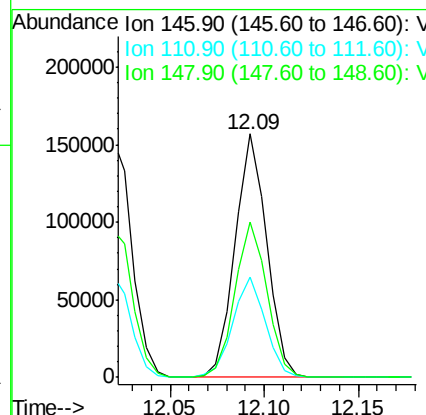
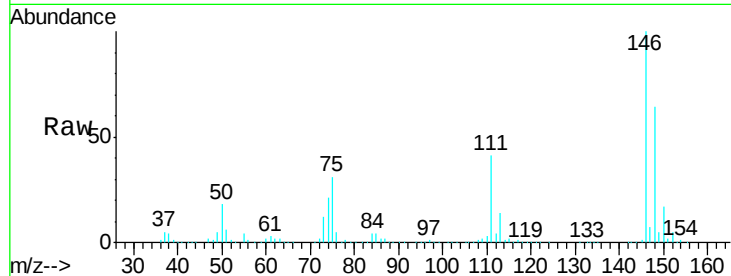




#88
 1,4-Dichlorobenzene
 Concen: 47.543 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

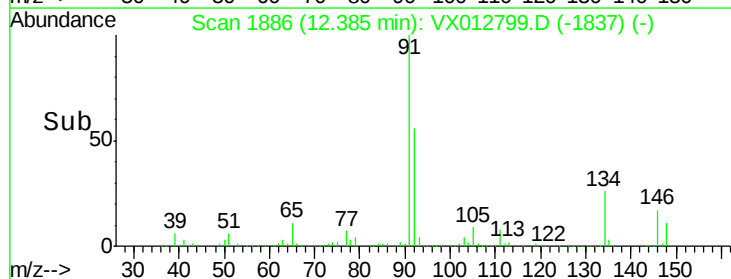
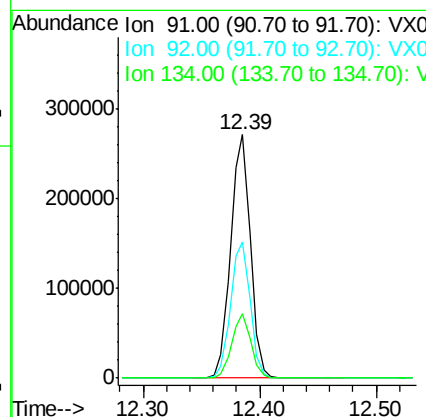
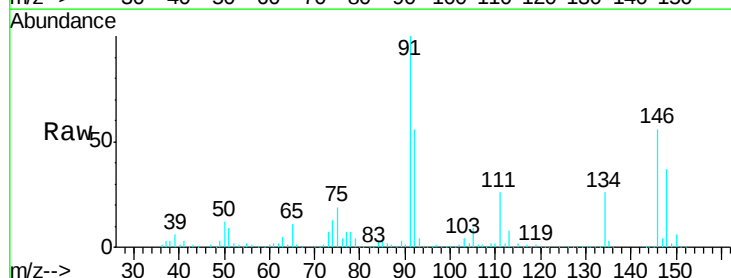
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0539MSD

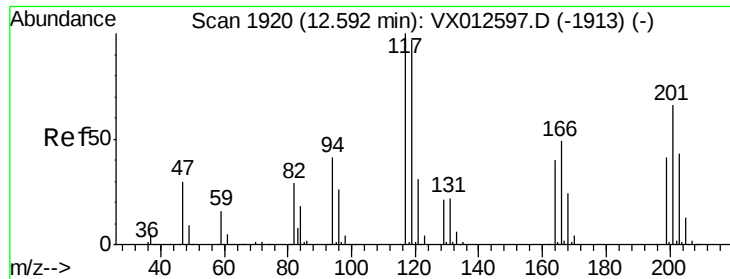
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.1	63.3
148	64.9	32.1	96.5



#89
 n-Butylbenzene
 Concen: 45.305 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.8	27.7	83.0
134	25.6	12.9	38.6

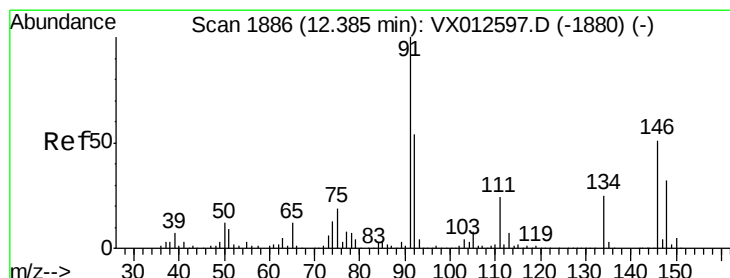
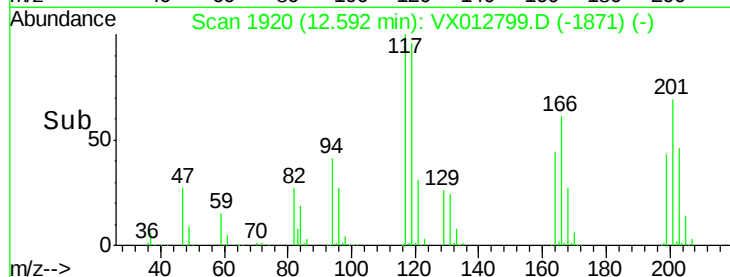
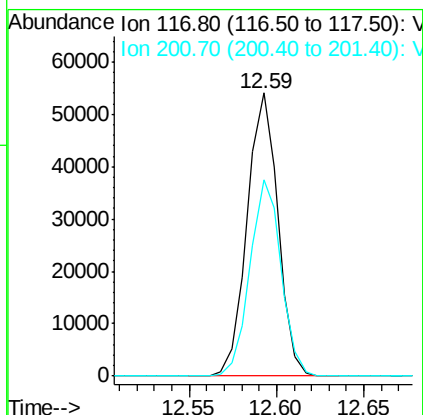
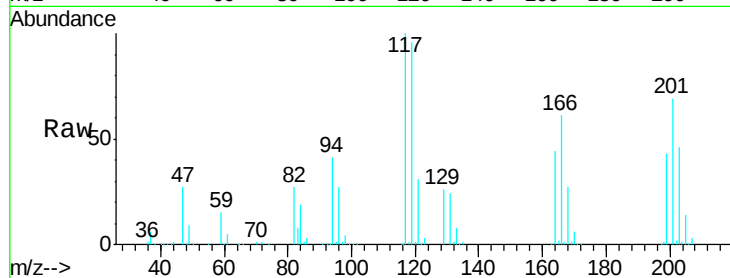




#90
Hexachloroethane
Concen: 47.059 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

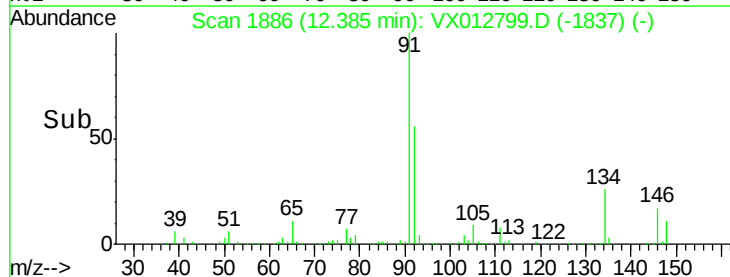
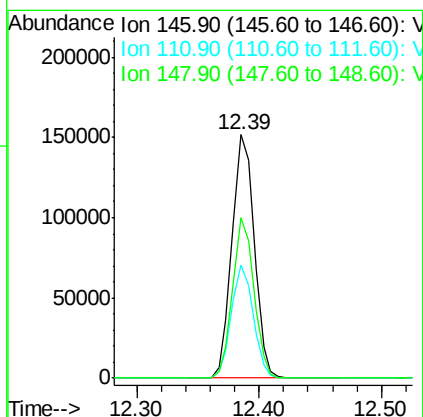
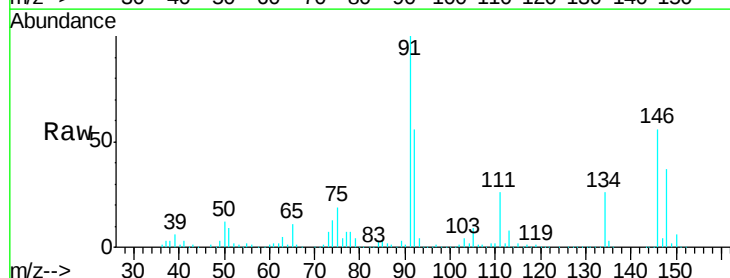
Instrument :
MSVOA_X
ClientSampleId :
S49-0539MSD

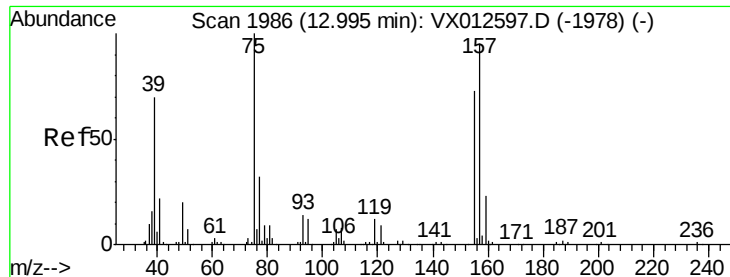
Tgt Ion:117 Resp: 66632
Ion Ratio Lower Upper
117 100
201 70.0 33.3 99.8



#91
1,2-Dichlorobenzene
Concen: 49.894 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012799.D
Acq: 03 Oct 2019 21:16

Tgt Ion:146 Resp: 190334
Ion Ratio Lower Upper
146 100
111 45.5 22.1 66.1
148 63.1 31.3 93.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 48.860 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampleId :

S49-0539MSD

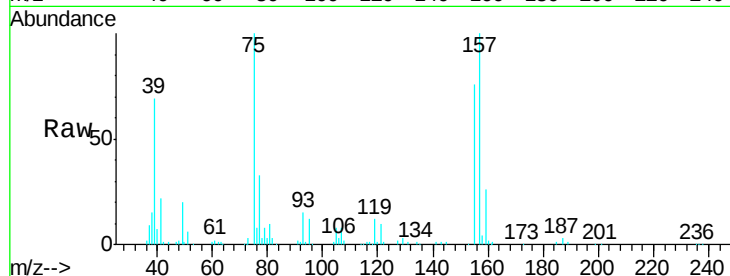
Tgt Ion: 75 Resp: 37868

Ion Ratio Lower Upper

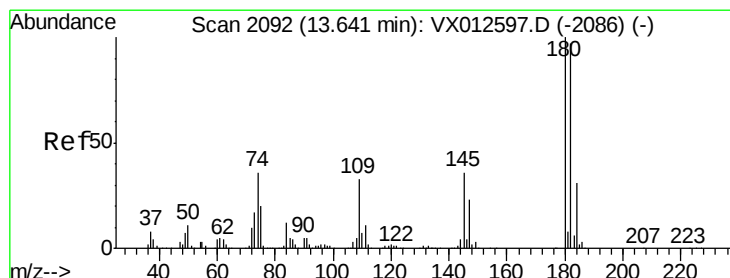
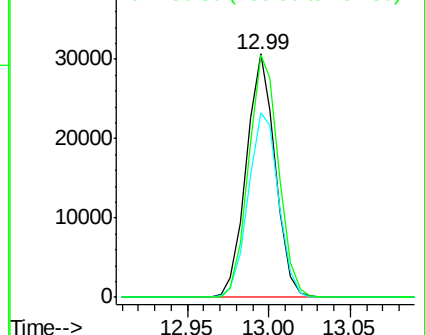
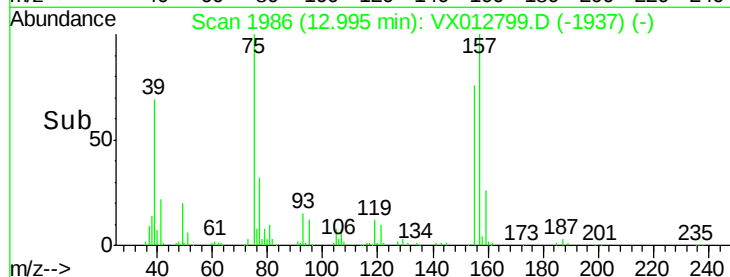
75 100

155 79.4 38.6 115.8

157 102.8 50.6 151.9



Abundance Ion 74.90 (74.60 to 75.60): VX012799.D (-1937) (-)



#93

1,2,4-Trichlorobenzene

Concen: 48.919 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

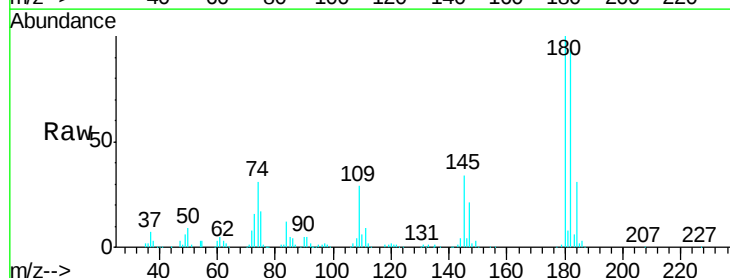
Tgt Ion: 180 Resp: 113807

Ion Ratio Lower Upper

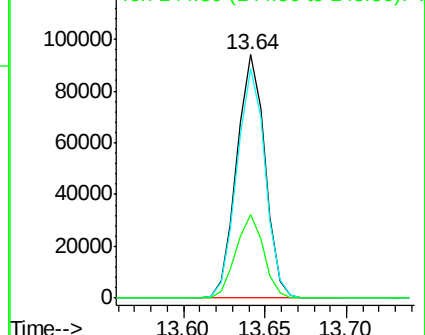
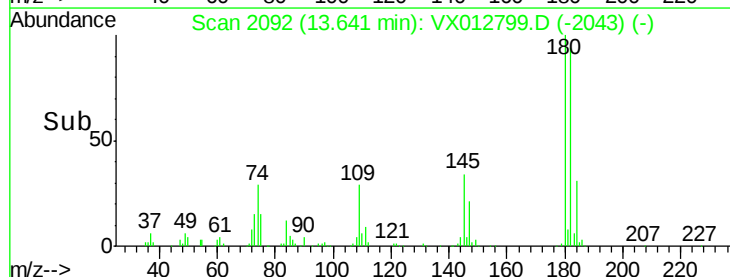
180 100

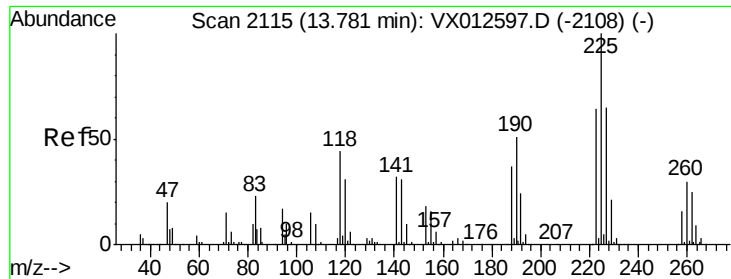
182 94.2 47.0 141.0

145 33.5 16.8 50.4



Abundance Ion 179.80 (179.50 to 180.50): VX012799.D (-2043) (-)





#94

Hexachlorobutadiene

Concen: 49.757 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

Instrument :

MSVOA_X

ClientSampled :

S49-0539MSD

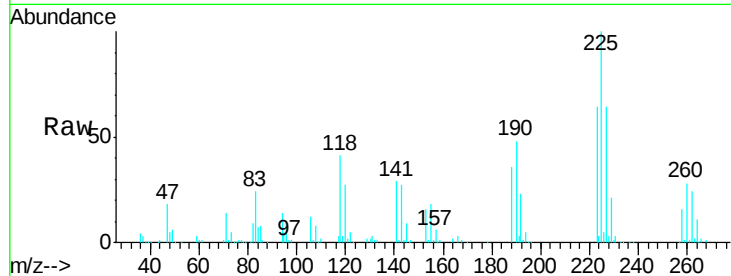
Tgt Ion:225 Resp: 49798

Ion Ratio Lower Upper

225 100

223 62.2 32.0 96.2

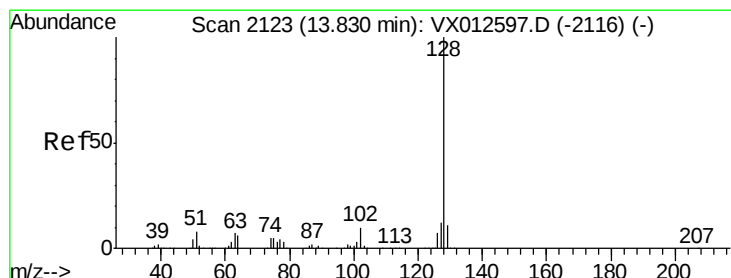
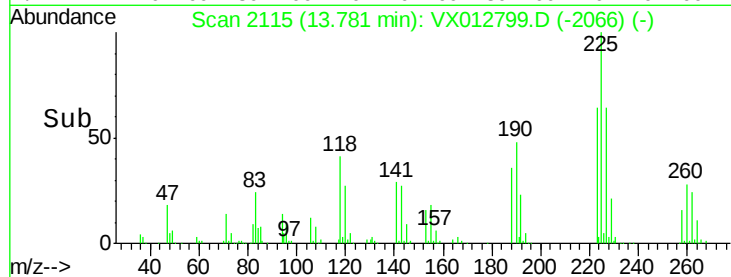
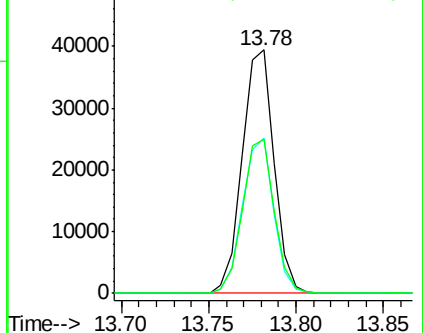
227 63.1 31.9 95.5



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: 49.355 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012799.D

Acq: 03 Oct 2019 21:16

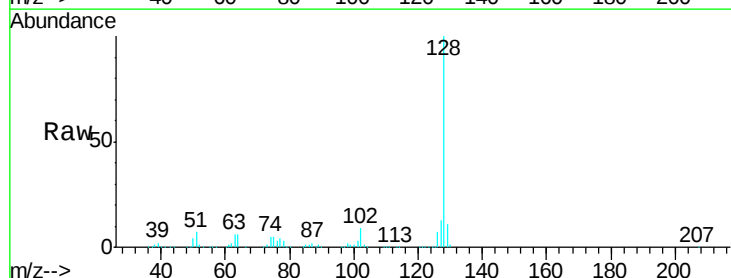
Tgt Ion:128 Resp: 415425

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

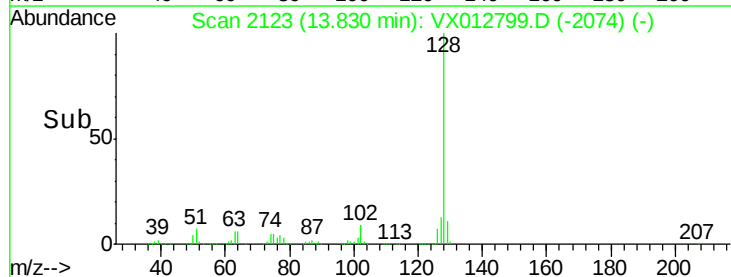
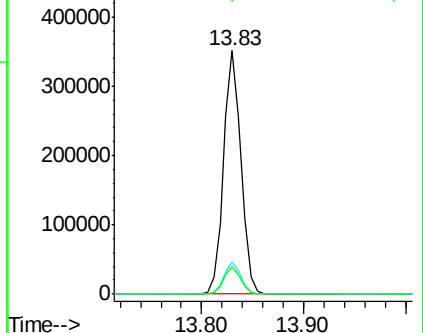
129 11.0 8.8 13.2

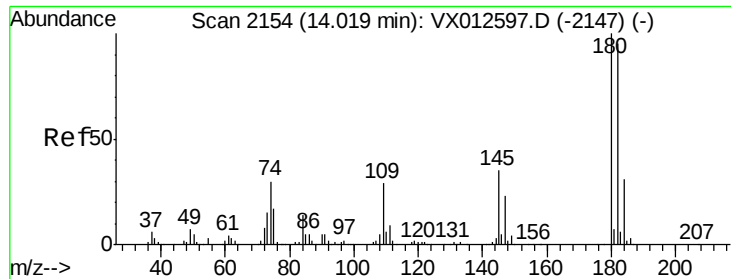


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

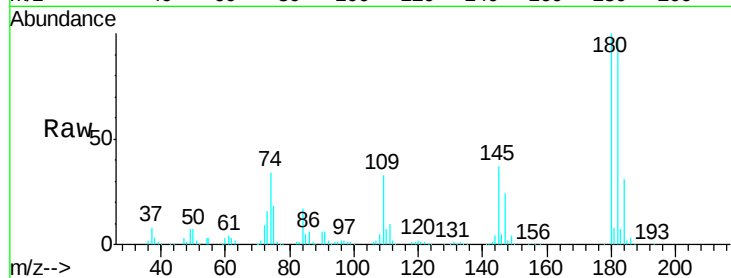




#96
 1,2,3-Trichlorobenzene
 Concen: 49.253 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX012799.D
 Acq: 03 Oct 2019 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0539MSD

Tgt Ion	Resp	Lower	Upper
180	114781		
182	96.7	47.1	141.3
145	37.1	18.0	54.0



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

