

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111519\
 Data File : VX013446.D
 Acq On : 15 Nov 2019 15:12
 Operator : JC/SP
 Sample : K5884-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0162MSD

Quant Time: Nov 15 23:03:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	650324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1005925	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	904361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	446171	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	333209	43.25	ug/l	0.00
Spiked Amount			Recovery	=	86.50%	
35) Dibromofluoromethane	5.49	113	285550	45.26	ug/l	0.00
Spiked Amount			Recovery	=	90.52%	
50) Toluene-d8	8.71	98	1062789	44.68	ug/l	0.00
Spiked Amount			Recovery	=	89.36%	
62) 4-Bromofluorobenzene	11.14	95	379349	44.19	ug/l	0.00
Spiked Amount			Recovery	=	88.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	334300	44.615	ug/l	99
3) Chloromethane	1.31	50	362179	44.572	ug/l	98
4) Vinyl Chloride	1.40	62	461168	49.852	ug/l	99
5) Bromomethane	1.62	94	238144	36.941	ug/l	98
6) Chloroethane	1.71	64	251326	47.466	ug/l	99
7) Trichlorofluoromethane	1.92	101	478394	43.771	ug/l	100
8) Diethyl Ether	2.18	74	228748	47.330	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	296696	48.706	ug/l	99
10) Methyl Iodide	2.50	142	313419	41.557	ug/l	98
11) Tert butyl alcohol	3.03	59	429803	211.657	ug/l	100
12) 1,1-Dichloroethene	2.36	96	295710	49.571	ug/l	99
13) Acrolein	2.28	56	265616	241.347	ug/l	96
14) Allyl chloride	2.72	41	549444	50.693	ug/l	96
15) Acrylonitrile	3.13	53	990642	261.164	ug/l	99
16) Acetone	2.43	43	831868	216.471	ug/l	100
17) Carbon Disulfide	2.56	76	737536	46.193	ug/l	98
18) Methyl Acetate	2.76	43	555015	52.314	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1038840	52.213	ug/l	99
20) Methylene Chloride	2.84	84	347391	48.927	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	323116	49.748	ug/l	98
22) Diisopropyl ether	3.84	45	1104648	52.790	ug/l	97
23) Vinyl Acetate	3.80	43	4603402	257.090	ug/l	100
24) 1,1-Dichloroethane	3.69	63	597140	51.012	ug/l	98
25) 2-Butanone	4.66	43	1387574	246.131	ug/l	99
26) 2,2-Dichloropropane	4.57	77	466231	50.066	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	489772	67.314	ug/l	97
28) Bromochloromethane	5.00	49	160378	48.253	ug/l	99
29) Tetrahydrofuran	5.12	42	897082	258.222	ug/l	99
30) Chloroform	5.20	83	584416	50.560	ug/l	96
31) Cyclohexane	5.57	56	509649	48.385	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	491807	49.441	ug/l	99
36) 1,1-Dichloropropene	5.79	75	428249	49.626	ug/l	98
37) Ethyl Acetate	4.82	43	528479	49.561	ug/l	99
38) Carbon Tetrachloride	5.78	117	420526	49.833	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	517468	48.125	ug/l	100
40) Benzene	6.13	78	1349709	50.211	ug/l	99
41) Methacrylonitrile	5.03	41	297928	49.848	ug/l	98
42) 1,2-Dichloroethane	6.18	62	468713	48.340	ug/l	99
43) Isopropyl Acetate	6.43	43	851380	51.274	ug/l	99
44) Trichloroethene	7.20	130	355667	48.067	ug/l	97
45) 1,2-Dichloropropane	7.51	63	351984	51.391	ug/l	98
46) Dibromomethane	7.65	93	230580	49.307	ug/l	98
47) Bromodichloromethane	7.89	83	459199	52.073	ug/l	98
48) Methyl methacrylate	7.76	41	433102	52.252	ug/l	97
49) 1,4-Dioxane	7.73	88	170972	900.709	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	2756350	253.014	ug/l	99
52) Toluene	8.78	92	848820	50.948	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	510039	52.893	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	562210	52.122	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	357967	51.837	ug/l	98
56) Ethyl methacrylate	9.17	69	570389	48.432	ug/l	97
57) 1,3-Dichloropropane	9.37	76	598927	51.092	ug/l	100
59) 2-Hexanone	9.49	43	2096822	249.067	ug/l	99
60) Dibromochloromethane	9.57	129	370644	52.480	ug/l	99
61) 1,2-Dibromoethane	9.67	107	369703	50.417	ug/l	99
64) Tetrachloroethene	9.33	164	304678	47.061	ug/l	98
65) Chlorobenzene	10.14	112	921142	50.310	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	353168	52.534	ug/l	97
67) Ethyl Benzene	10.25	91	1601758	50.689	ug/l	99
68) m/p-Xylenes	10.35	106	1210255	101.270	ug/l	100
69) o-Xylene	10.70	106	592439	50.635	ug/l	99
70) Stvrene	10.71	104	1026545	52.487	ug/l	99
71) Bromoform	10.85	173	290047	46.754	ug/l #	99
73) Isopropylbenzene	11.01	105	1588601	53.702	ug/l	100
74) N-amyl acetate	10.89	43	753760	54.948	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	575937	53.368	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	655096	72.288	ug/l	79
77) Bromobenzene	11.25	156	416344	52.794	ug/l	99
78) n-propylbenzene	11.35	91	1767405	53.635	ug/l	100
79) 2-Chlorotoluene	11.42	91	1048919	52.832	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1322233	53.662	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	191479	54.386	ug/l	96
82) 4-Chlorotoluene	11.51	91	1202739	51.752	ug/l	100
83) tert-Butylbenzene	11.77	119	1354265	54.599	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1316998	53.282	ug/l	99
85) sec-Butylbenzene	11.94	105	1525445	53.512	ug/l	100
86) p-Isopropyltoluene	12.06	119	1399977	53.333	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	715307	50.886	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	715033	49.925	ug/l	100
89) n-Butylbenzene	12.39	91	1168286	51.006	ug/l	100
90) Hexachloroethane	12.59	117	256085	54.755	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	724718	51.576	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	124202	47.239	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	482810	49.259	ug/l	99

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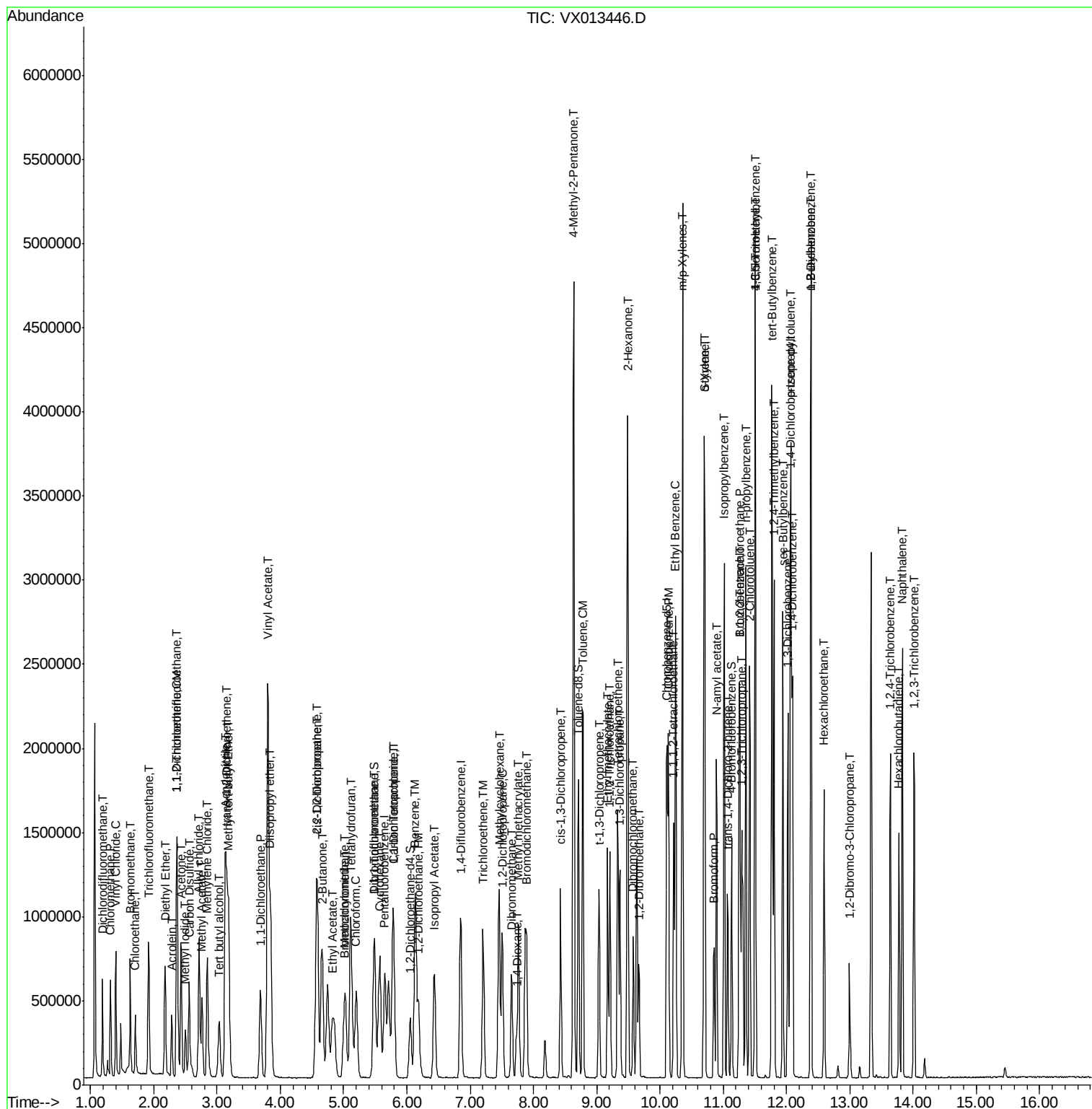
Instrument :
MSVOA_X
ClientSampleId :
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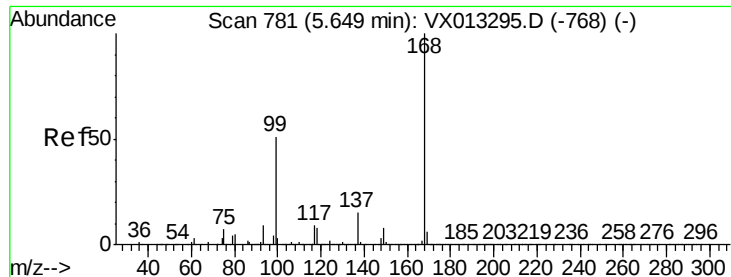
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Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	229031	47.762	ug/l	100
95) Naphthalene	13.83	128	1550327	50.413	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	492743	50.128	ug/l	98

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

Quant Time: Nov 15 23:03:07 2019
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013446.D

Acq: 15 Nov 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

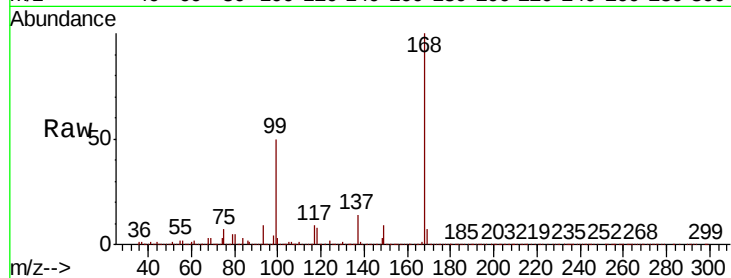
S36-0162MSD

Tot Ion:168 Resp: 650324

Ion Ratio Lower Upper

168 100

99 50.1 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

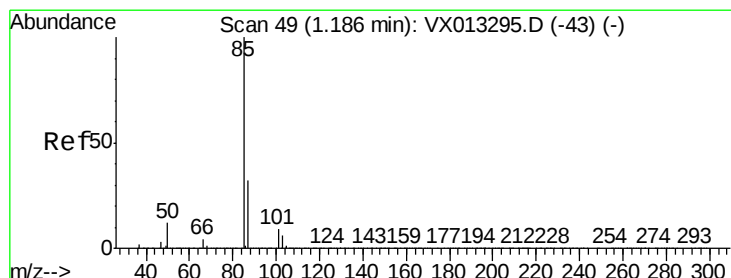
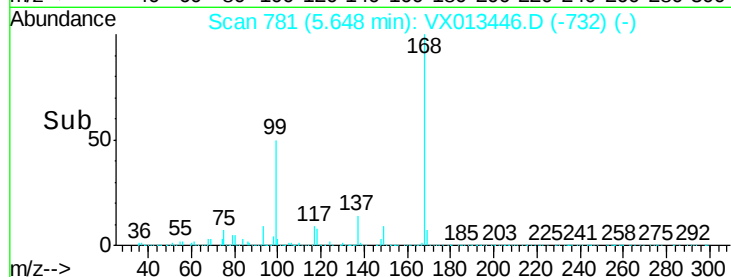
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.615 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013446.D

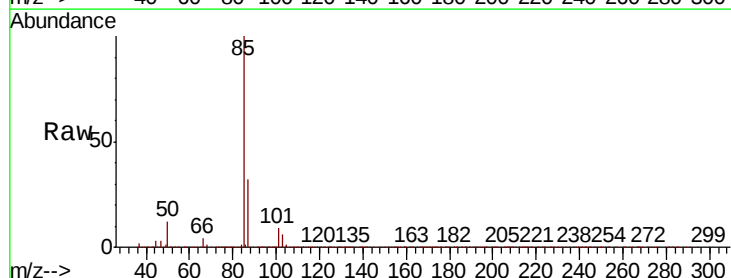
Acq: 15 Nov 2019 15:12

Tgt Ion: 85 Resp: 334300

Ion Ratio Lower Upper

85 100

87 32.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

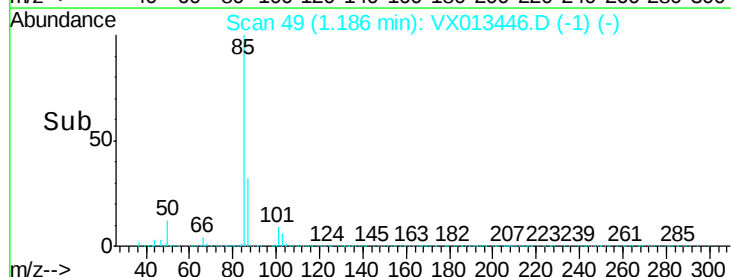
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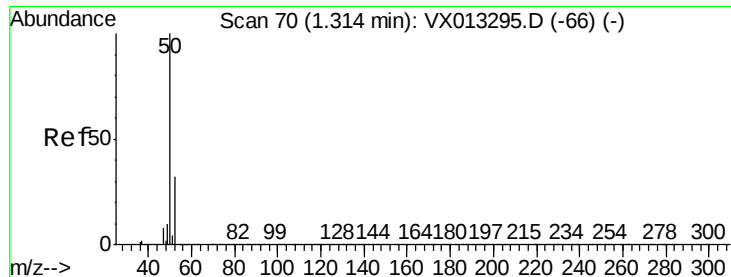
200000

100000

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Time-->





#3

Chloromethane

Concen: 44.572 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013446.D

Acq: 15 Nov 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

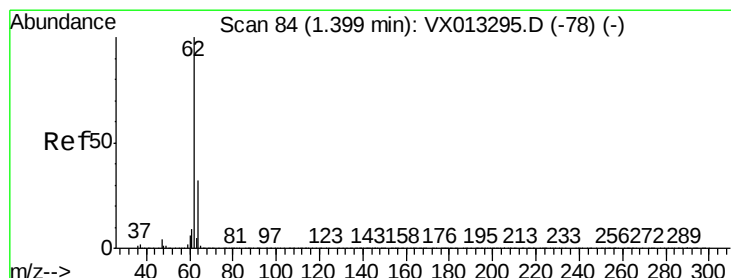
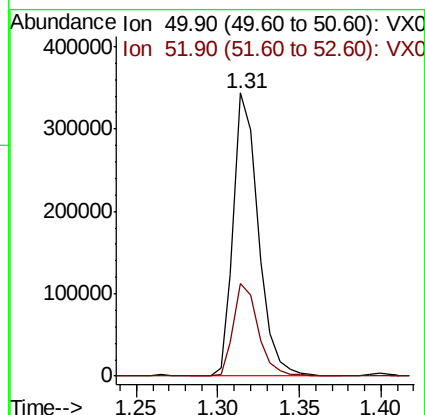
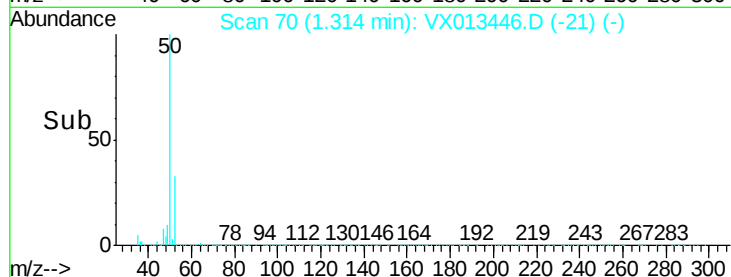
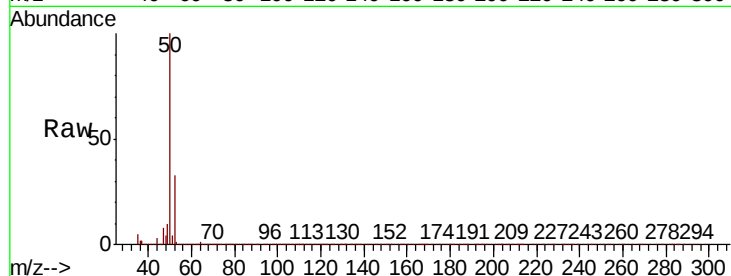
S36-0162MSD

Tot Ion: 50 Resp: 362179

Ion Ratio Lower Upper

50 100

52 32.8 25.5 38.3



#4

Vinyl Chloride

Concen: 49.852 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013446.D

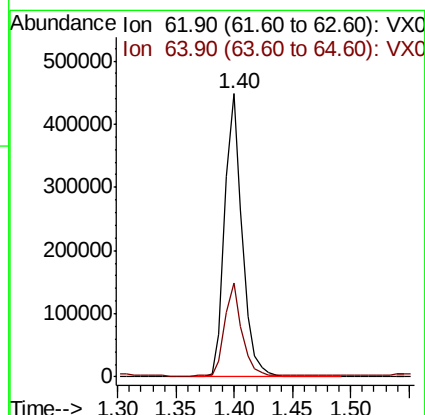
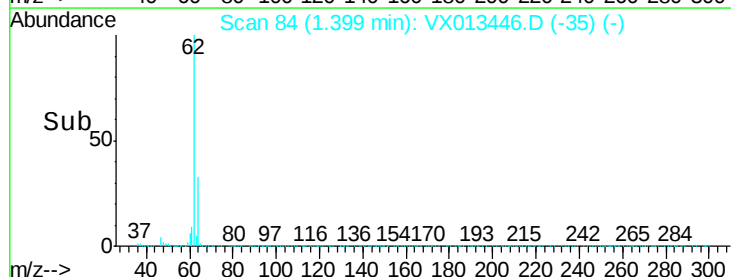
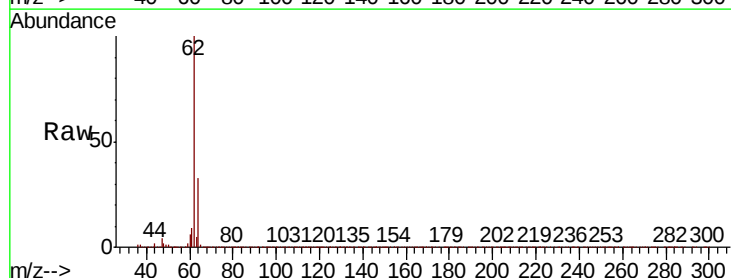
Acq: 15 Nov 2019 15:12

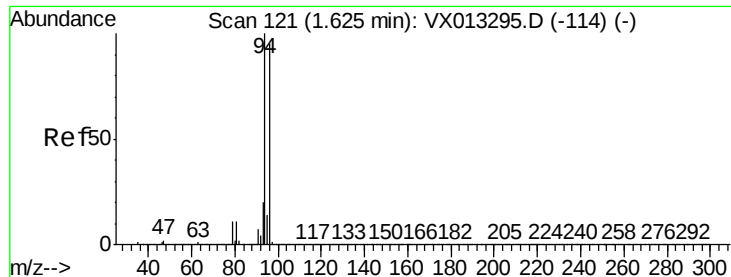
Tgt Ion: 62 Resp: 461168

Ion Ratio Lower Upper

62 100

64 32.8 25.6 38.4





#5

Bromomethane

Concen: 36.941 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX013446.D

Acq: 15 Nov 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

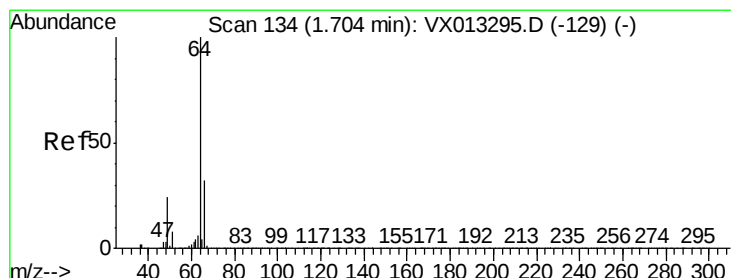
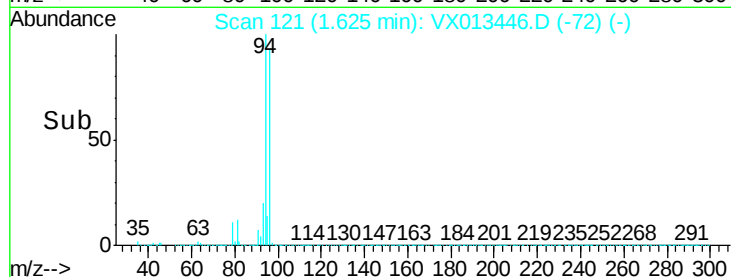
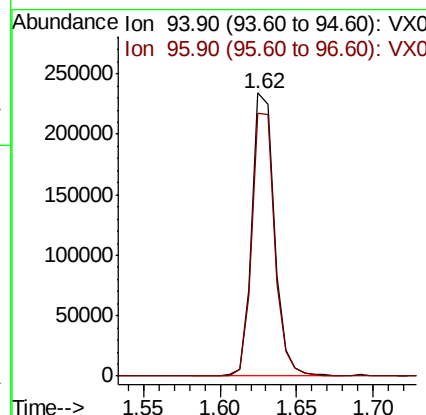
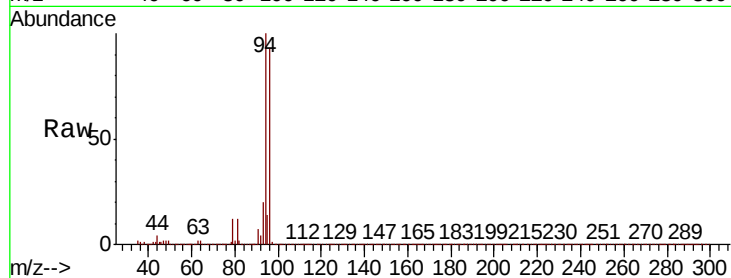
S36-0162MSD

Tot Ion: 94 Resp: 238144

Ion Ratio Lower Upper

94 100

96 92.7 75.8 113.8



#6

Chloroethane

Concen: 47.466 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013446.D

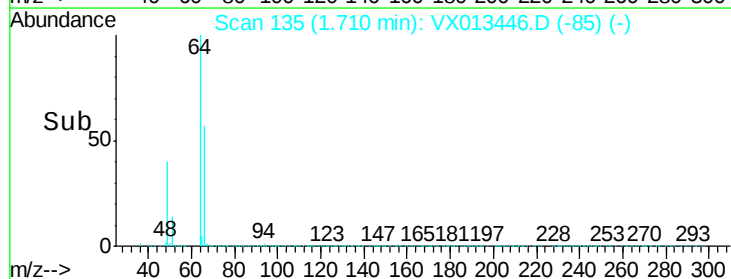
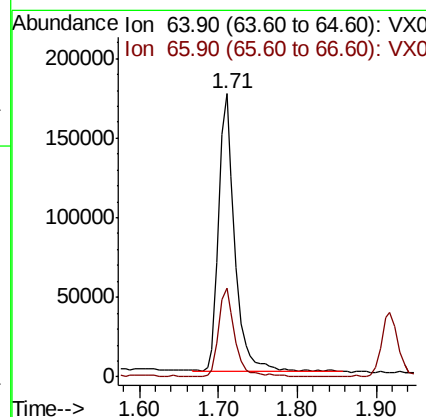
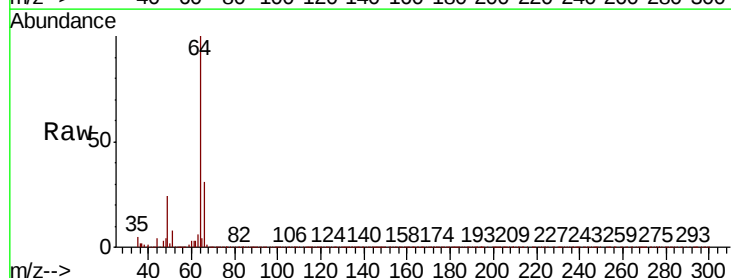
Acq: 15 Nov 2019 15:12

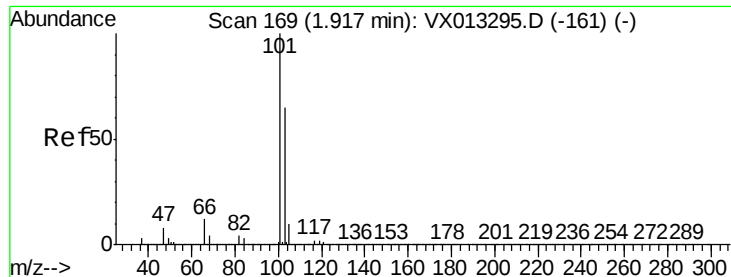
Tgt Ion: 64 Resp: 251326

Ion Ratio Lower Upper

64 100

66 31.6 25.6 38.4



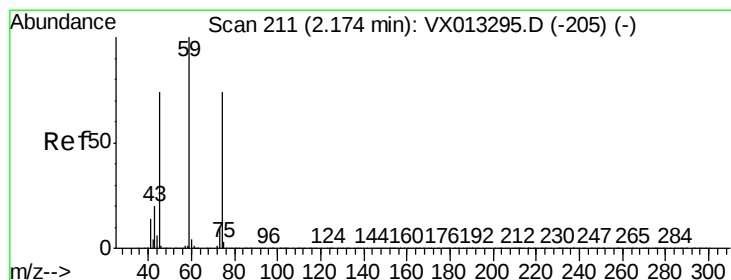
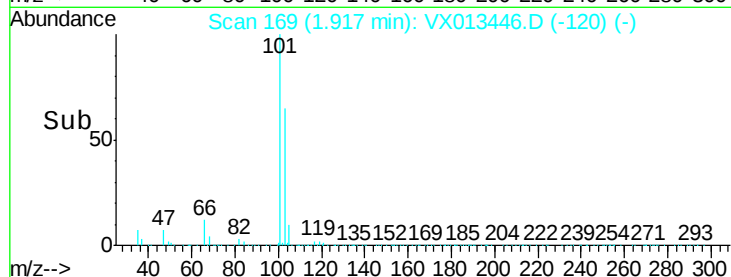
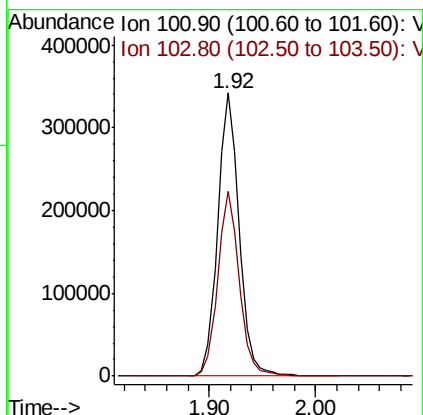
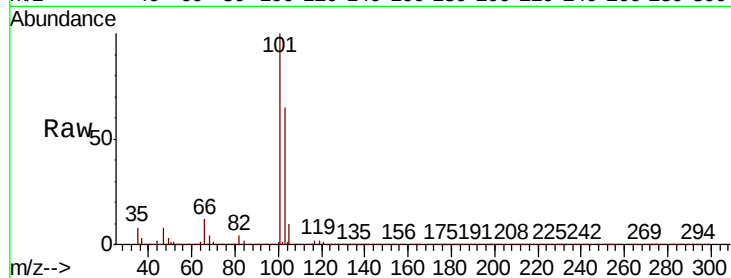


#7

Trichlorofluoromethane
Concen: 43.771 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013446.D
Acq: 15 Nov 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
S36-0162MSD

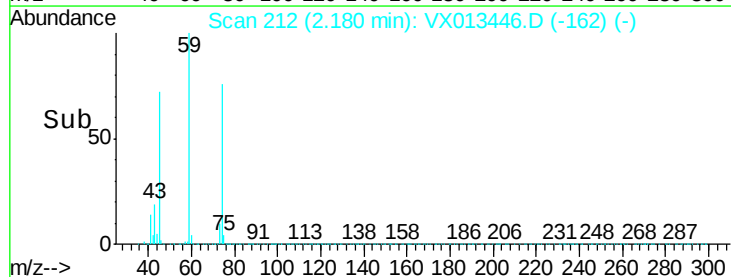
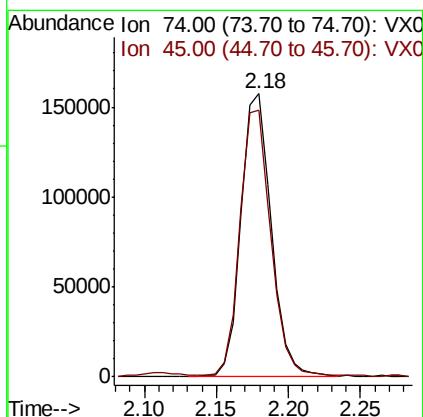
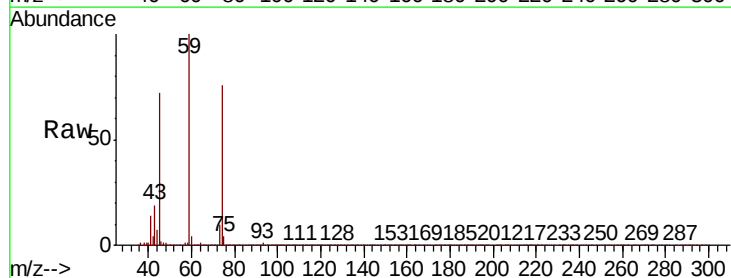
Tot Ion:101 Resp: 478394
Ion Ratio Lower Upper
101 100
103 65.1 52.3 78.5

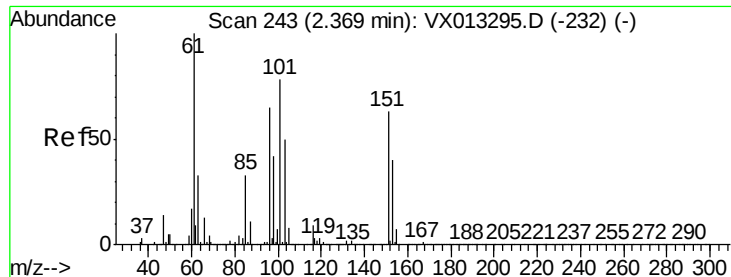


#8

Diethyl Ether
Concen: 47.330 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013446.D
Acq: 15 Nov 2019 15:12

Tgt Ion: 74 Resp: 228748
Ion Ratio Lower Upper
74 100
45 96.5 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.706 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX013446.D

Acq: 15 Nov 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

S36-0162MSD

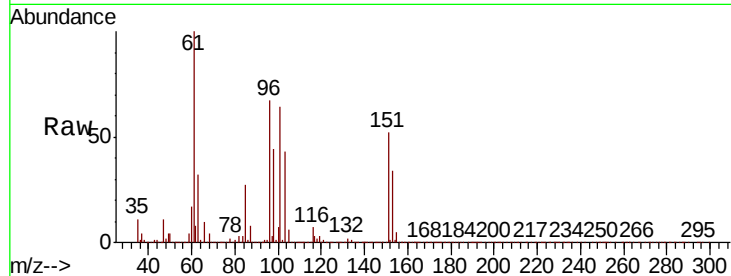
Tot Ion:101 Resp: 296696

Ion Ratio Lower Upper

101 100

85 42.2 34.4 51.6

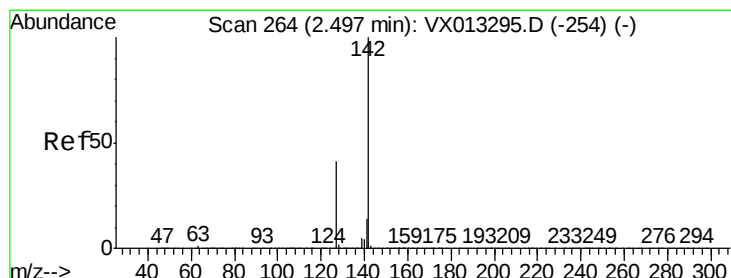
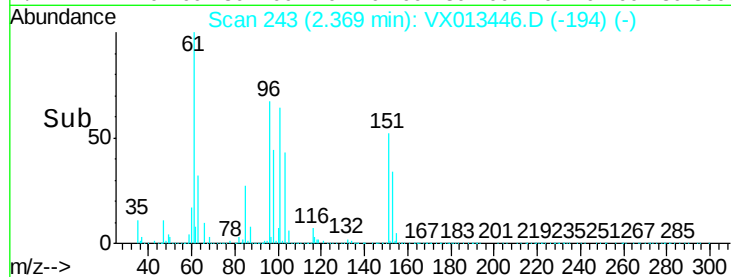
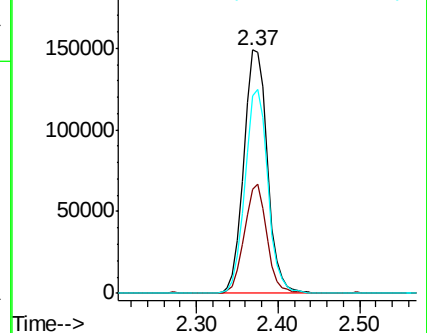
151 81.7 66.4 99.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 41.557 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX013446.D

Acq: 15 Nov 2019 15:12

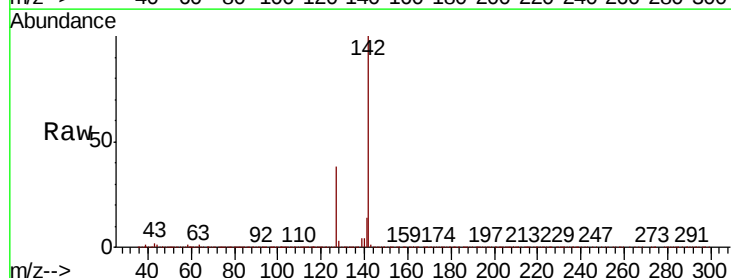
Tgt Ion:142 Resp: 313419

Ion Ratio Lower Upper

142 100

127 39.2 32.6 49.0

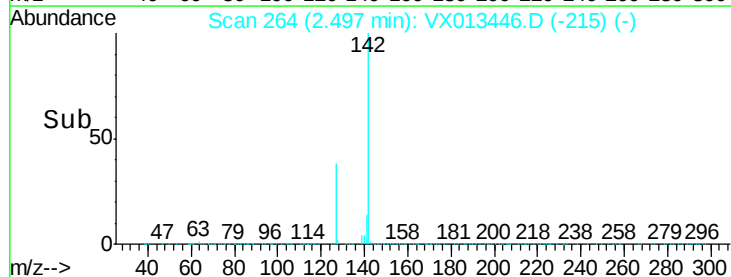
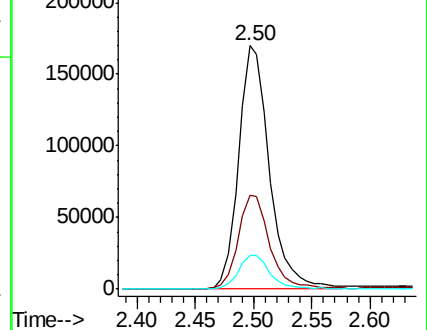
141 14.2 11.6 17.4

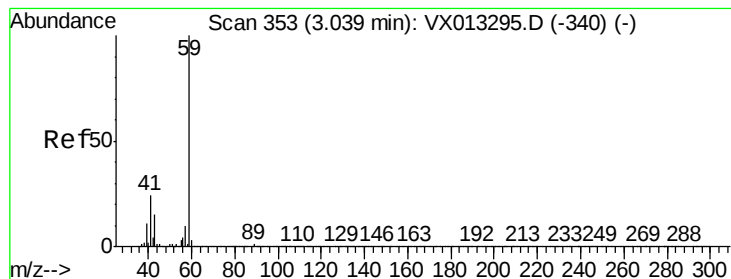


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



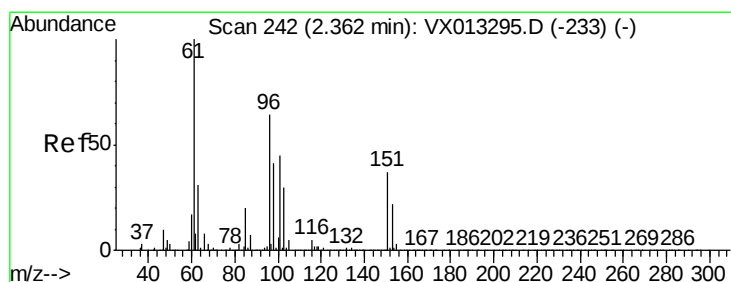
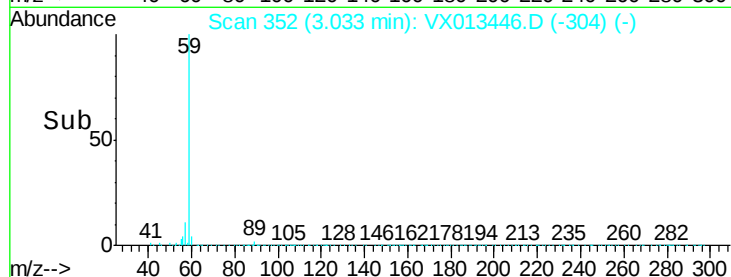
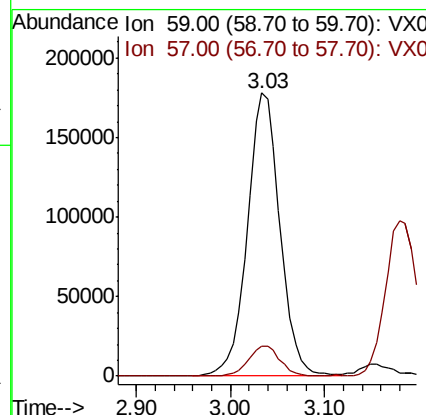
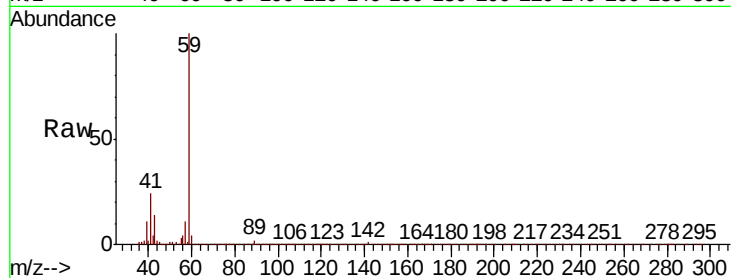


#11

Tert butyl alcohol
Concen: 211.657 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX013446.D
Acq: 15 Nov 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
S36-0162MSD

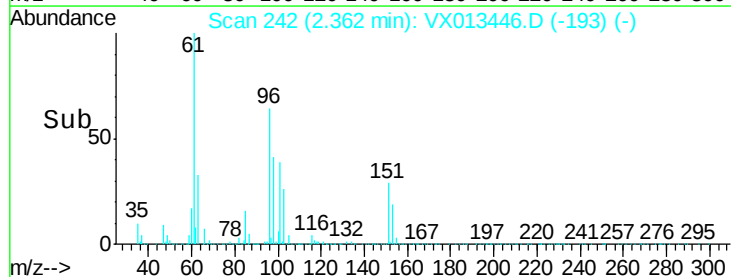
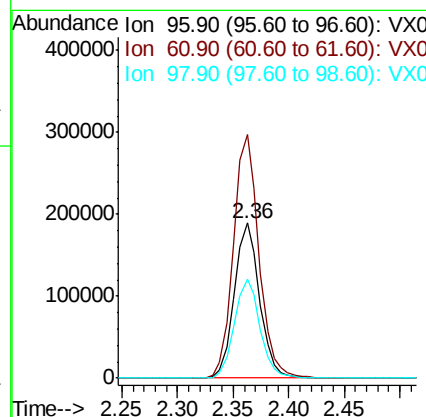
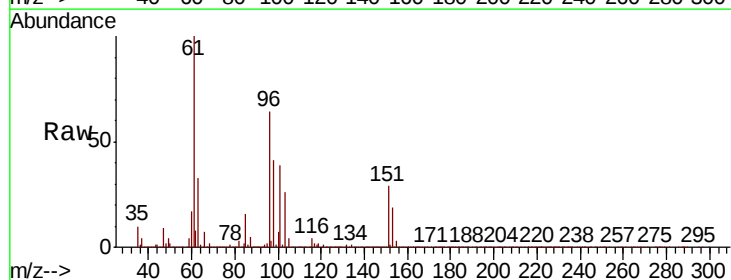
Tot Ion: 59 Resp: 429803
Ion Ratio Lower Upper
59 100
57 10.0 8.0 12.0

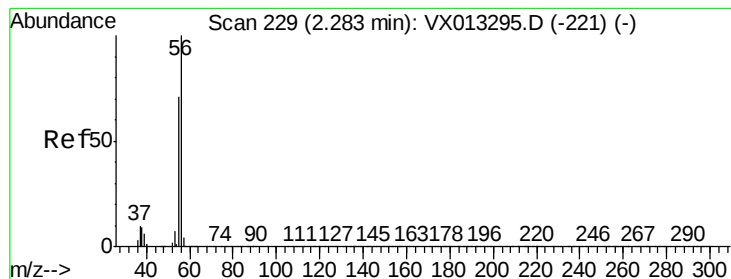


#12

1,1-Dichloroethene
Concen: 49.571 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013446.D
Acq: 15 Nov 2019 15:12

Tgt Ion: 96 Resp: 295710
Ion Ratio Lower Upper
96 100
61 157.4 125.0 187.6
98 63.9 50.7 76.1





#13

Acrolein

Concen: 241.347 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013446.D

Acq: 15 Nov 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

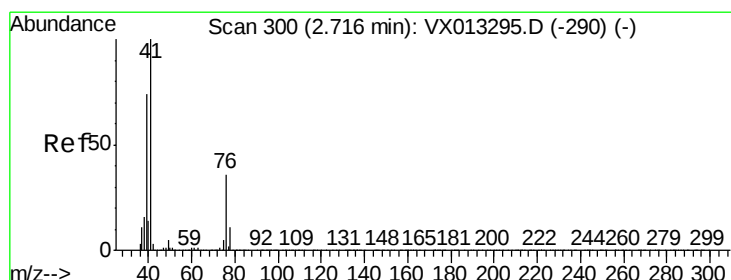
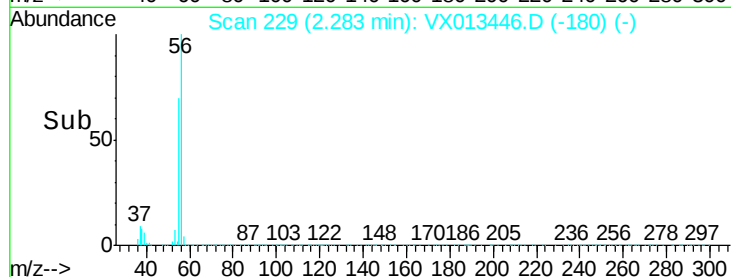
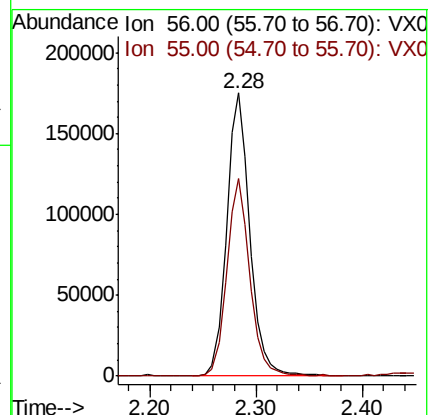
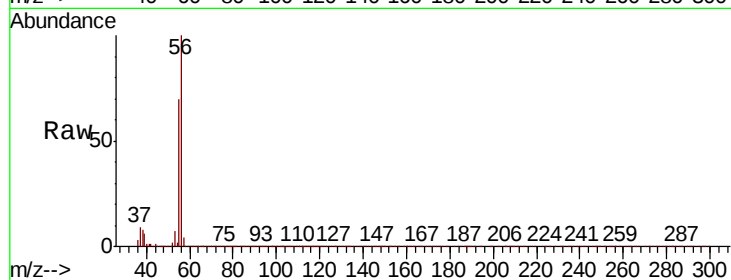
S36-0162MSD

Tot Ion: 56 Resp: 265616

Ion Ratio Lower Upper

56 100

55 68.7 57.4 86.0



#14

Allyl chloride

Concen: 50.693 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013446.D

Acq: 15 Nov 2019 15:12

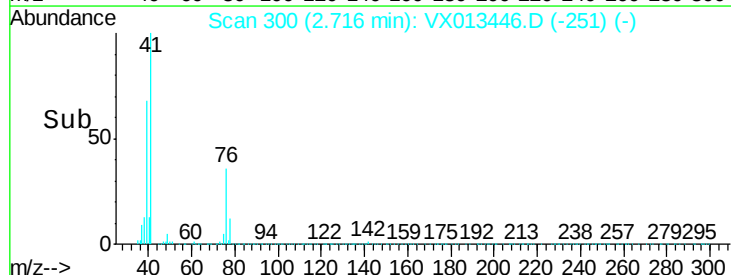
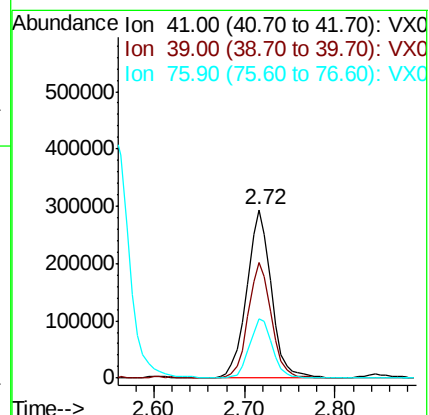
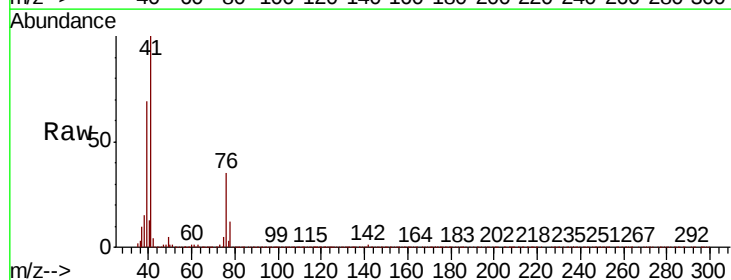
Tgt Ion: 41 Resp: 549444

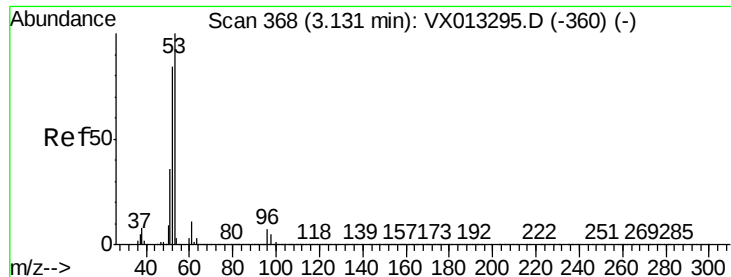
Ion Ratio Lower Upper

41 100

39 64.6 55.8 83.8

76 32.7 26.4 39.6





#15

Acrylonitrile

Concen: 261.164 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013446.D

Acq: 15 Nov 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

S36-0162MSD

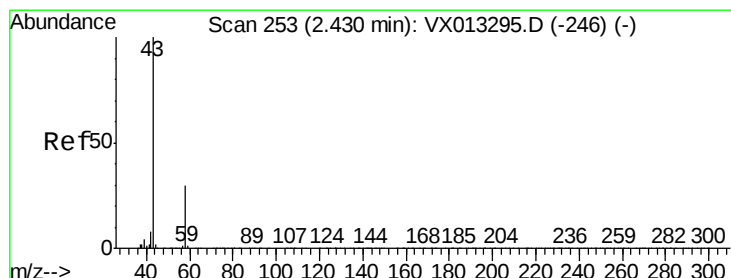
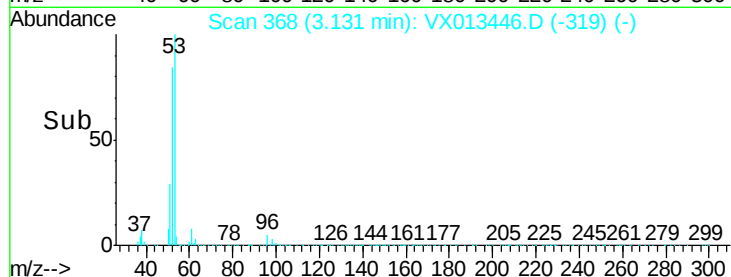
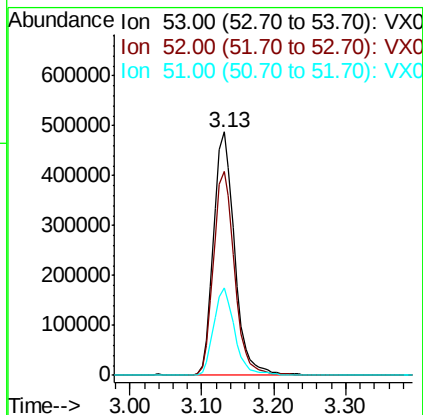
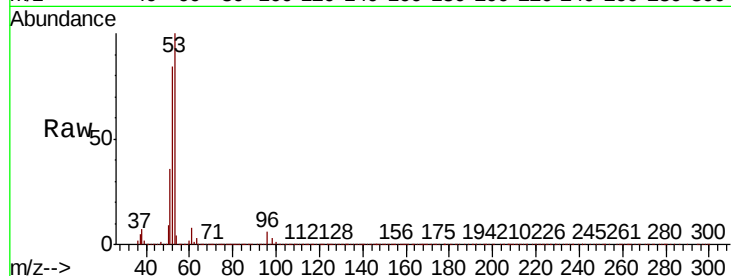
Tot Ion: 53 Resp: 990642

Ion Ratio Lower Upper

53 100

52 83.3 67.4 101.0

51 35.5 29.4 44.2



#16

Acetone

Concen: 216.471 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013446.D

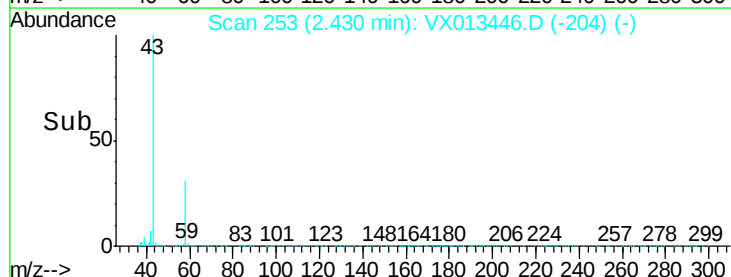
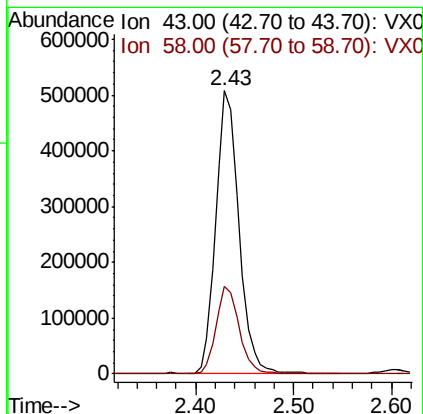
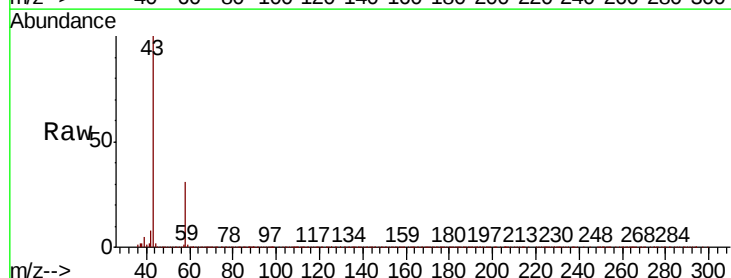
Acq: 15 Nov 2019 15:12

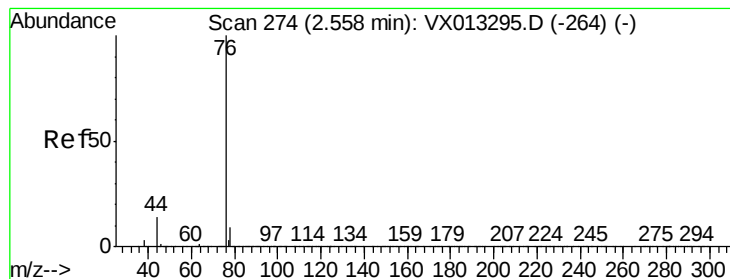
Tgt Ion: 43 Resp: 831868

Ion Ratio Lower Upper

43 100

58 30.7 24.3 36.5





#17

Carbon Disulfide

Concen: 46.193 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013446.D

Acq: 15 Nov 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

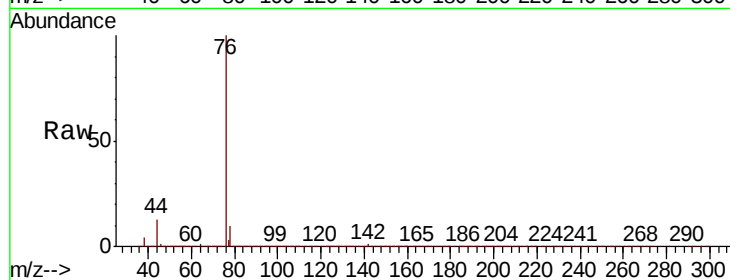
S36-0162MSD

Tot Ion: 76 Resp: 737536

Ion Ratio Lower Upper

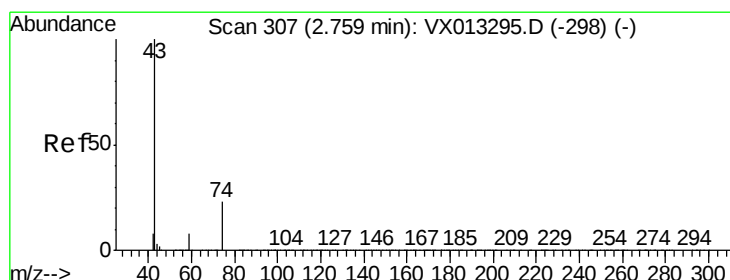
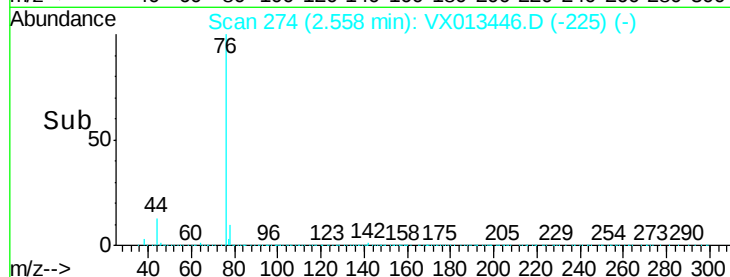
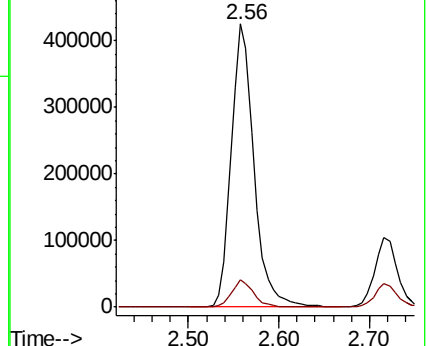
76 100

78 9.6 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 52.314 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013446.D

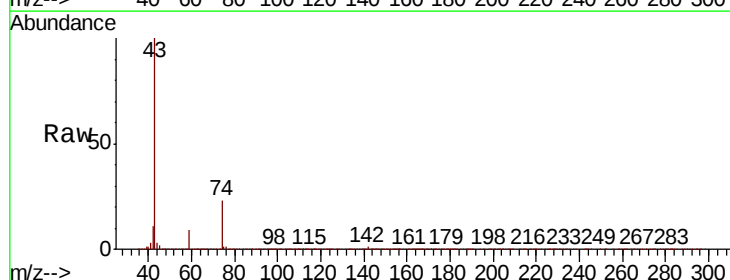
Acq: 15 Nov 2019 15:12

Tgt Ion: 43 Resp: 555015

Ion Ratio Lower Upper

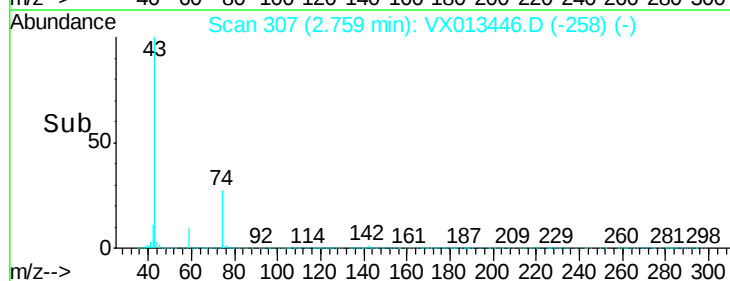
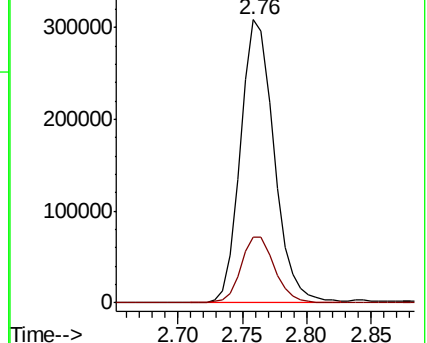
43 100

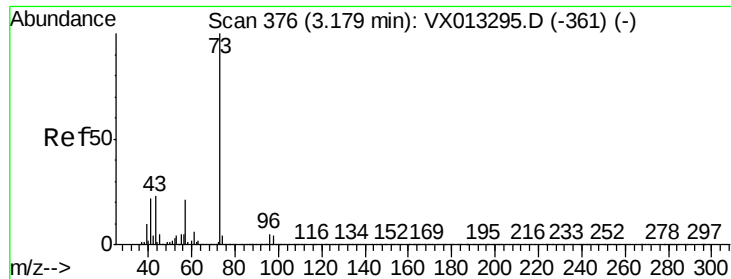
74 24.1 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

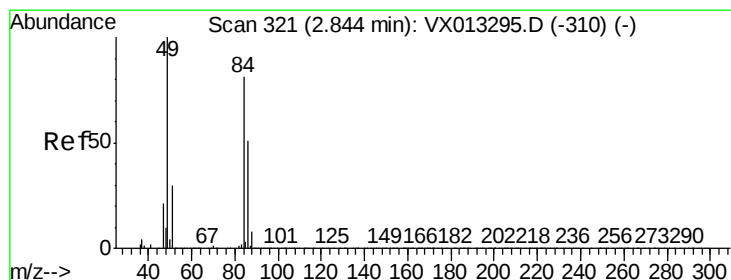
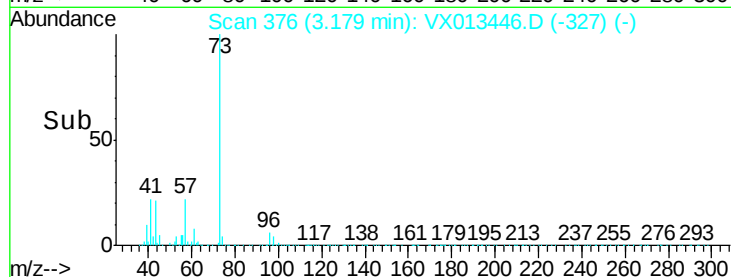
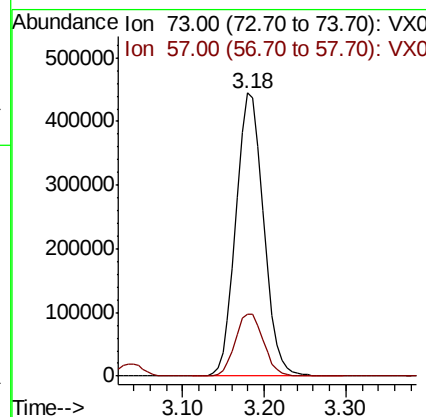
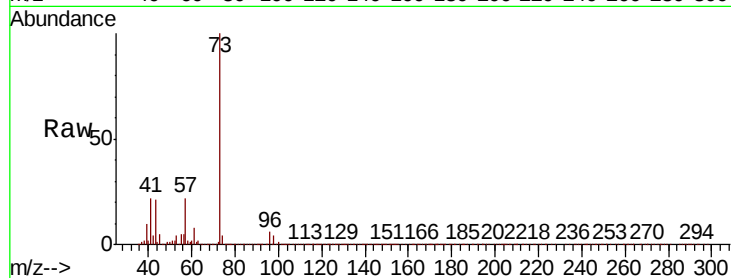




#19
Methvl tert-butvl Ether
Concen: 52.213 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013446.D
Acq: 15 Nov 2019 15:12

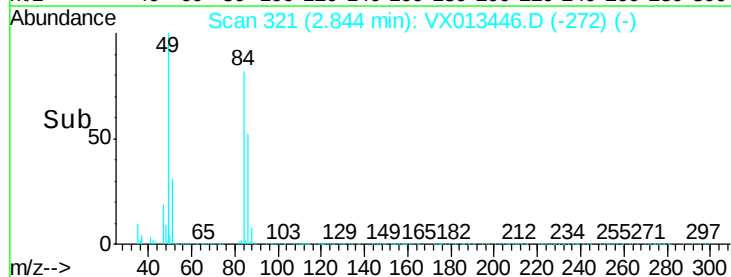
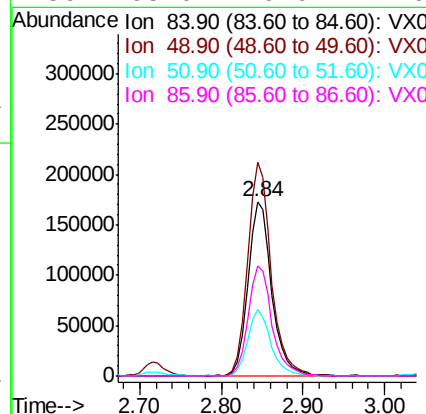
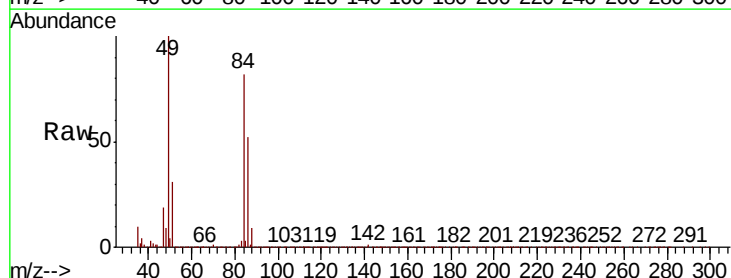
Instrument :
MSVOA_X
ClientSampleId :
S36-0162MSD

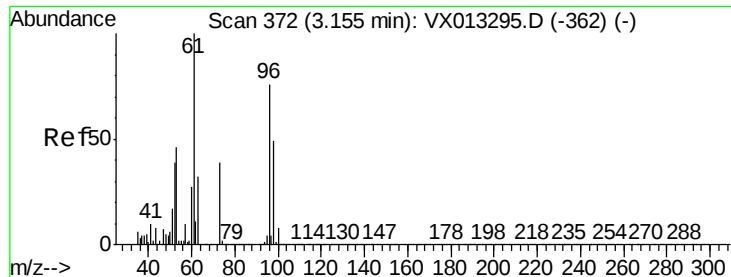
Tot Ion: 73 Resp: 1038840
Ion Ratio Lower Upper
73 100
57 21.9 17.1 25.7



#20
Methylene Chloride
Concen: 48.927 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013446.D
Acq: 15 Nov 2019 15:12

Tgt Ion: 84 Resp: 347391
Ion Ratio Lower Upper
84 100
49 122.3 98.2 147.4
51 37.8 29.9 44.9
86 63.0 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 49.748 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013446.D

Acq: 15 Nov 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

S36-0162MSD

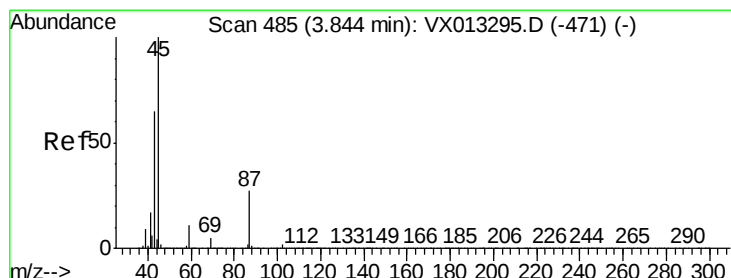
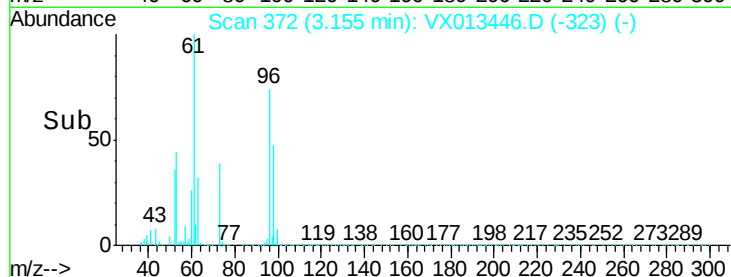
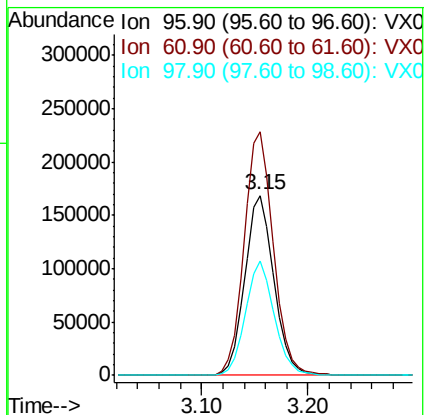
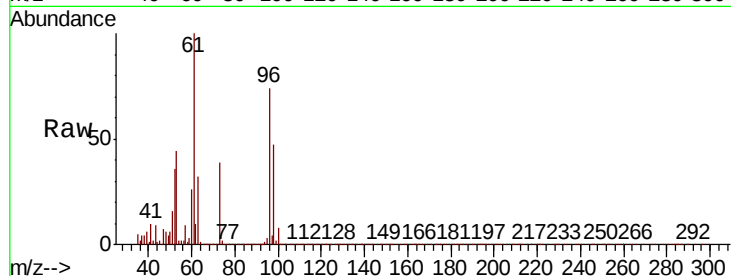
Tot Ion: 96 Resp: 323116

Ion Ratio Lower Upper

96 100

61 135.5 105.8 158.6

98 63.8 51.8 77.6



#22

Diisopropyl ether

Concen: 52.790 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013446.D

Acq: 15 Nov 2019 15:12

Tgt Ion: 45 Resp: 1104648

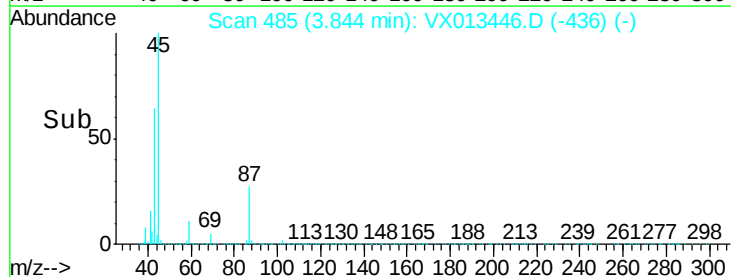
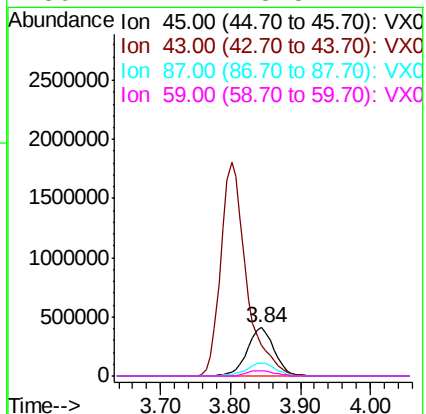
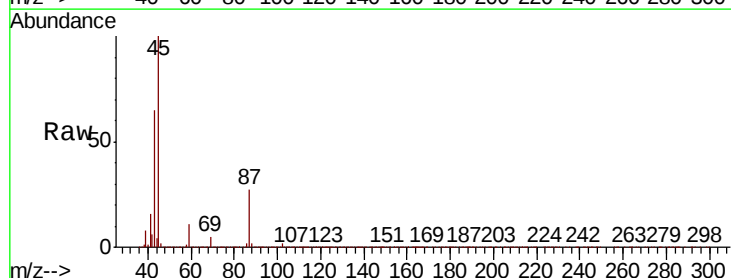
Ion Ratio Lower Upper

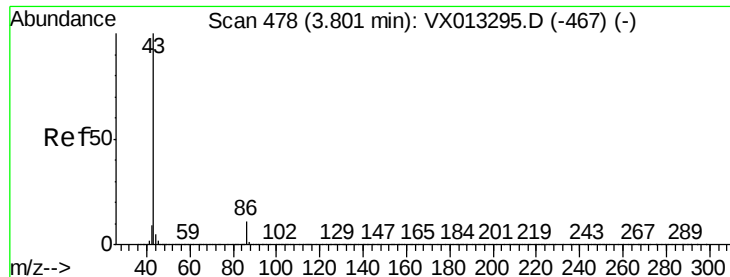
45 100

43 64.4 54.2 81.2

87 26.8 21.8 32.8

59 11.4 8.5 12.7





#23

Vinyl Acetate

Concen: 257.090 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013446.D

Acq: 15 Nov 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

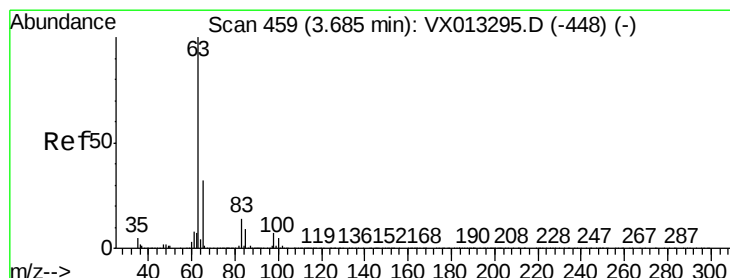
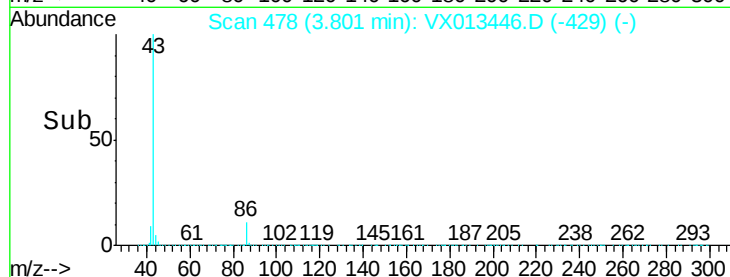
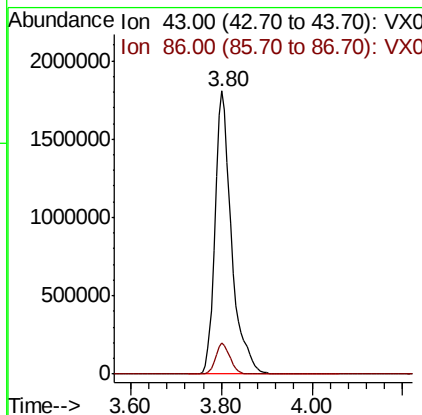
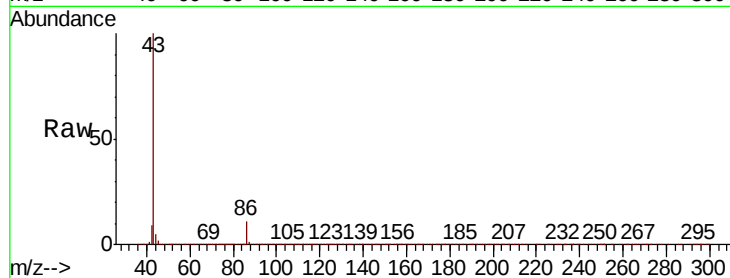
S36-0162MSD

Tot Ion: 43 Resp: 4603402

Ion Ratio Lower Upper

43 100

86 10.9 8.6 13.0



#24

1,1-Dichloroethane

Concen: 51.012 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013446.D

Acq: 15 Nov 2019 15:12

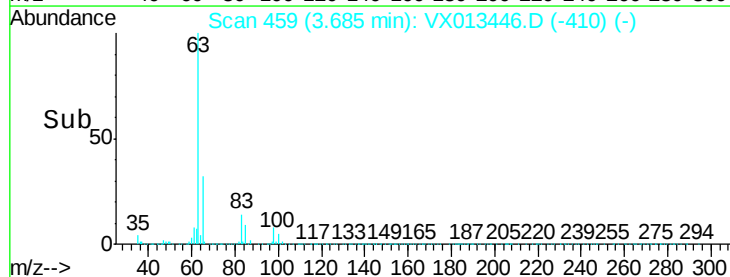
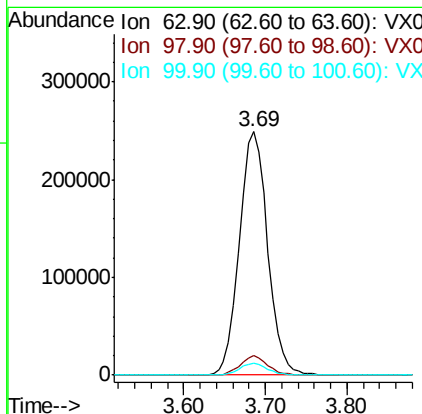
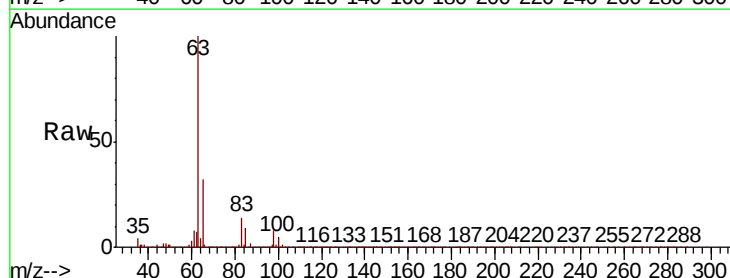
Tgt Ion: 63 Resp: 597140

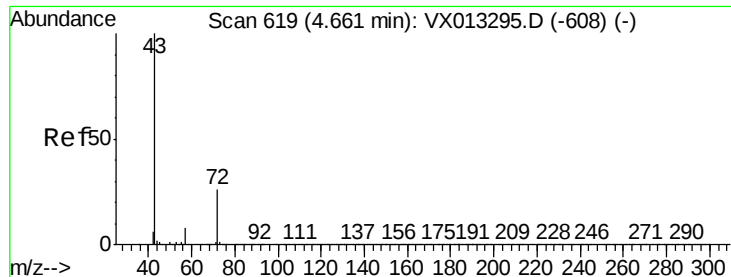
Ion Ratio Lower Upper

63 100

98 8.2 3.5 10.4

100 5.0 2.4 7.2





#25

2-Butanone

Concen: 246.131 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013446.D

Acq: 15 Nov 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

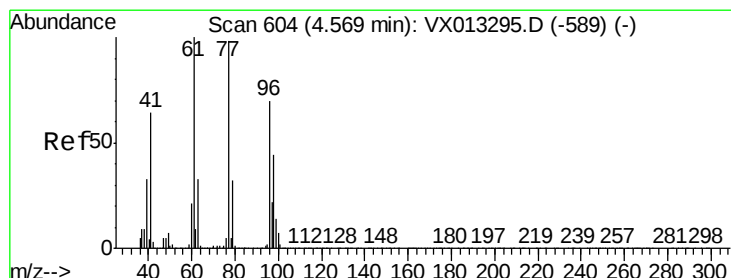
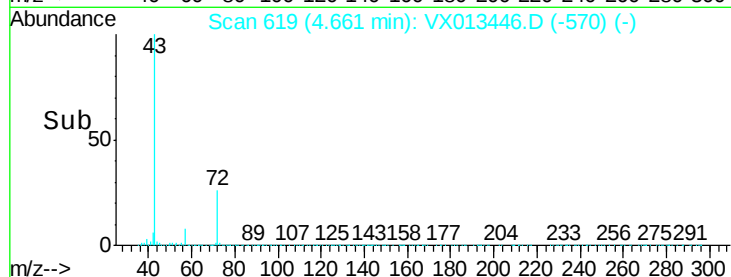
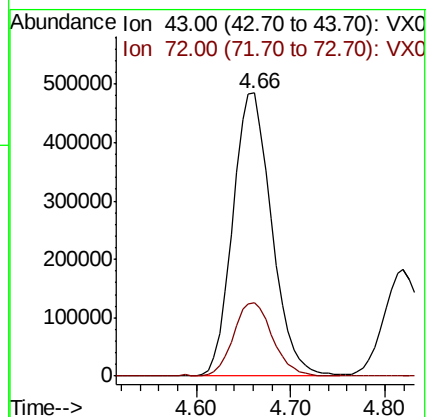
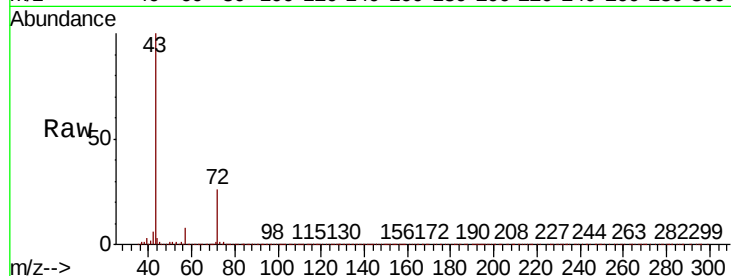
S36-0162MSD

Tot Ion: 43 Resp: 1387574

Ion Ratio Lower Upper

43 100

72 25.9 21.0 31.6



#26

2,2-Dichloropropane

Concen: 50.066 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013446.D

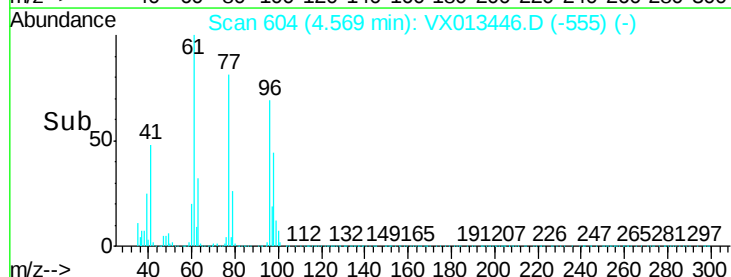
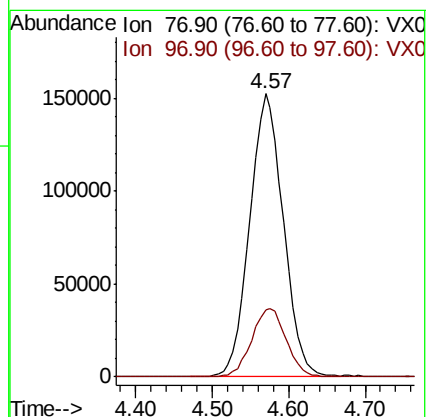
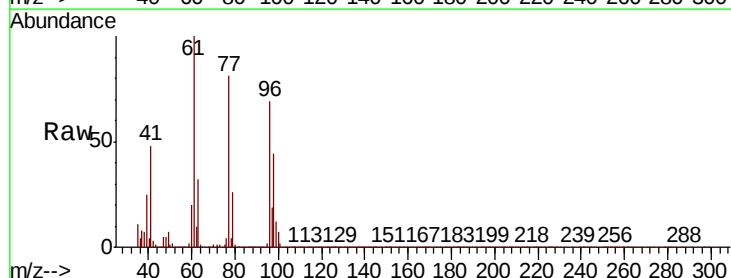
Acq: 15 Nov 2019 15:12

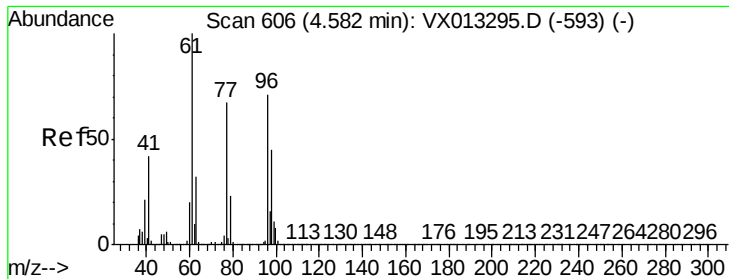
Tgt Ion: 77 Resp: 466231

Ion Ratio Lower Upper

77 100

97 24.8 11.3 33.8



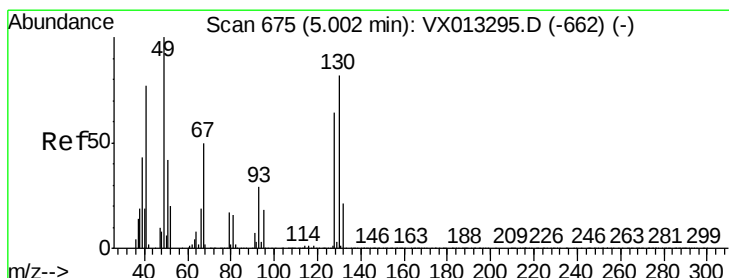
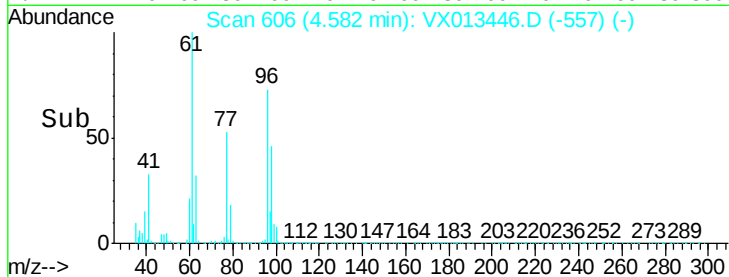
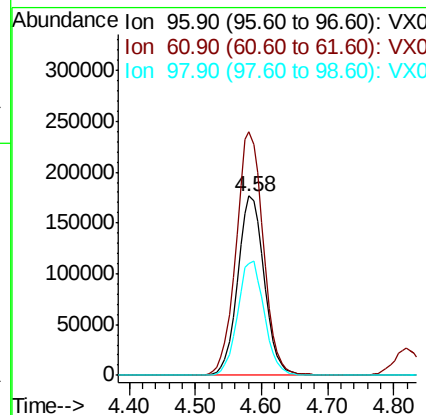
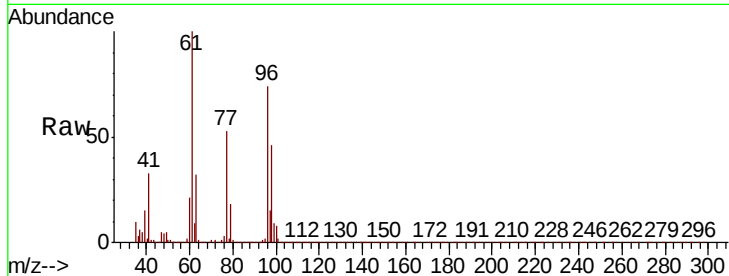


#27

cis-1,2-Dichloroethene
Concen: 67.314 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013446.D
Acq: 15 Nov 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
S36-0162MSD

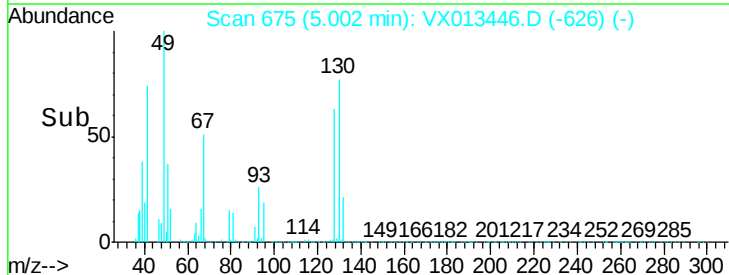
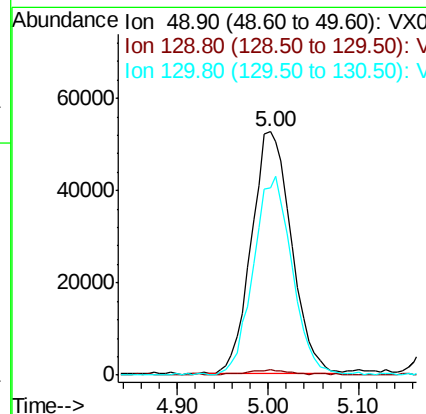
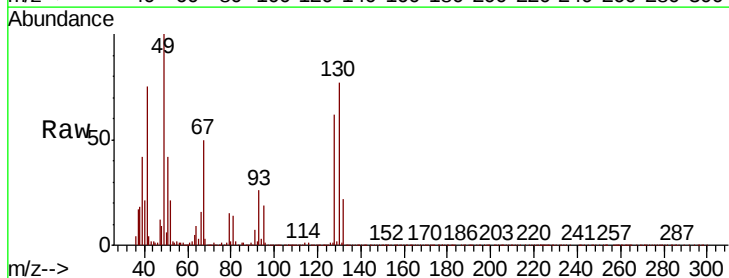
Tot Ion	Ratio	Lower	Upper
96	100		
61	138.9	0.0	288.0
98	64.2	0.0	129.6

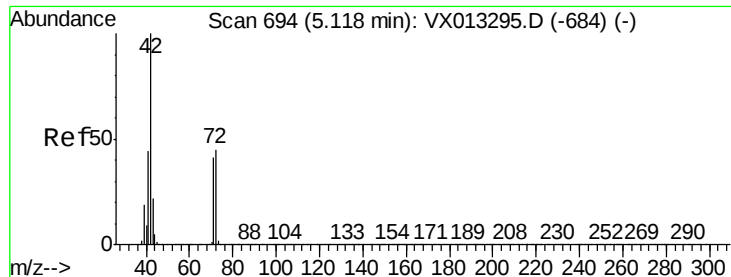


#28

Bromochloromethane
Concen: 48.253 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013446.D
Acq: 15 Nov 2019 15:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	5.2
130	79.2	63.8	95.6





#29

Tetrahydrofuran

Concen: 258.222 ug/l

RT: 5.12 min Scan# 694

Delta R.T. -0.00 min

Lab File: VX013446.D

Acq: 15 Nov 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

S36-0162MSD

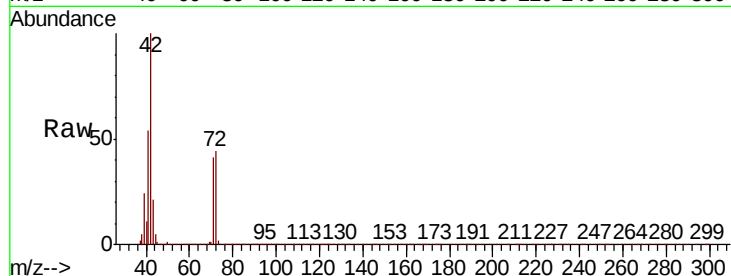
Tot Ion: 42 Resp: 897082

Ion Ratio Lower Upper

42 100

72 45.4 35.8 53.8

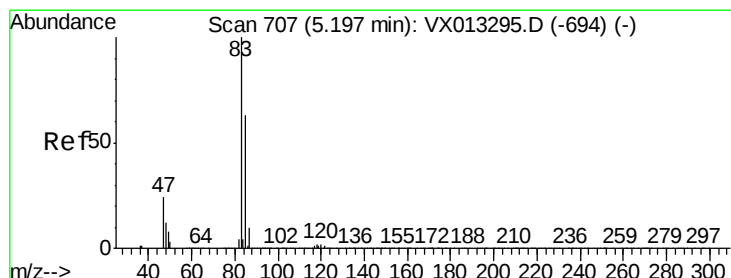
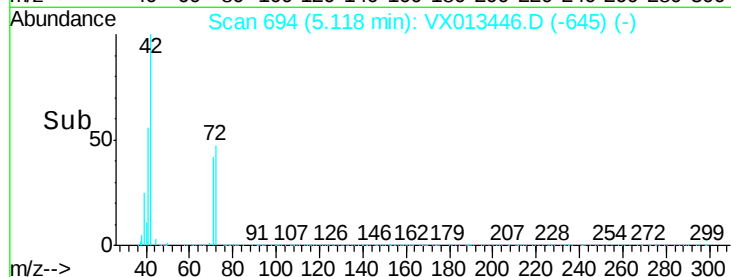
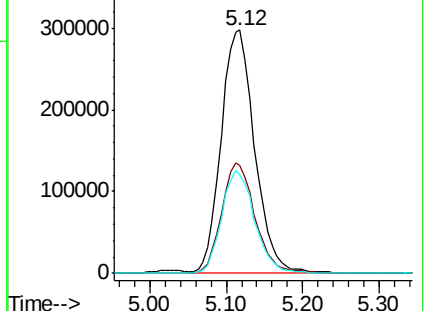
71 41.9 33.4 50.0



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: 50.560 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013446.D

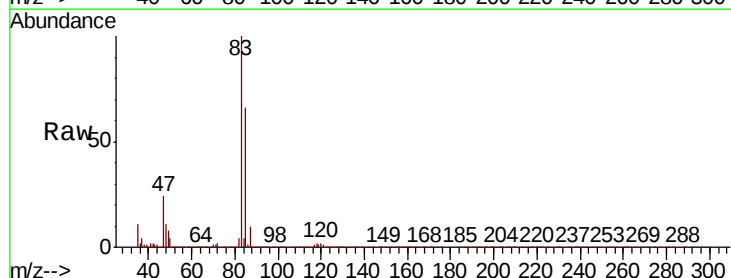
Acq: 15 Nov 2019 15:12

Tgt Ion: 83 Resp: 584416

Ion Ratio Lower Upper

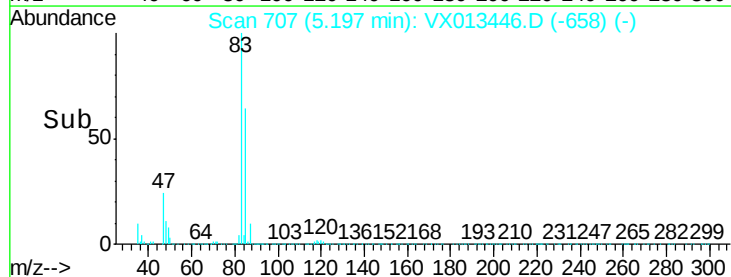
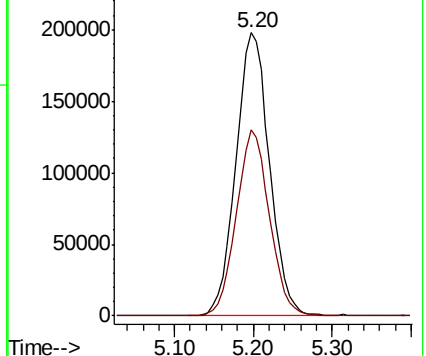
83 100

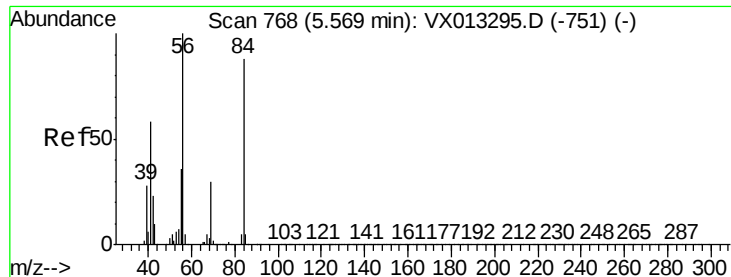
85 65.7 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

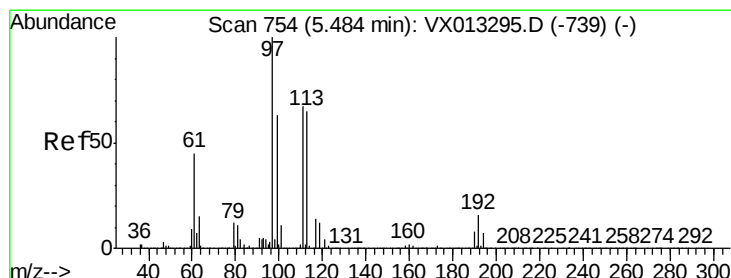
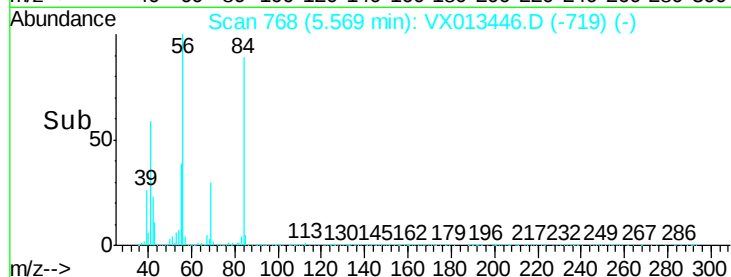
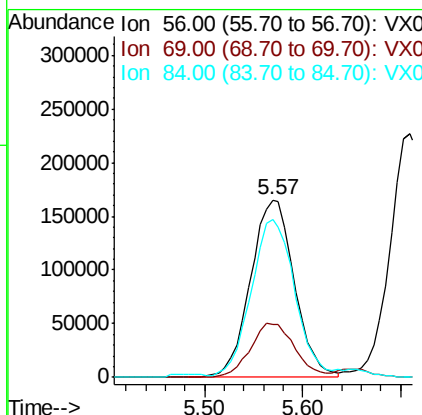
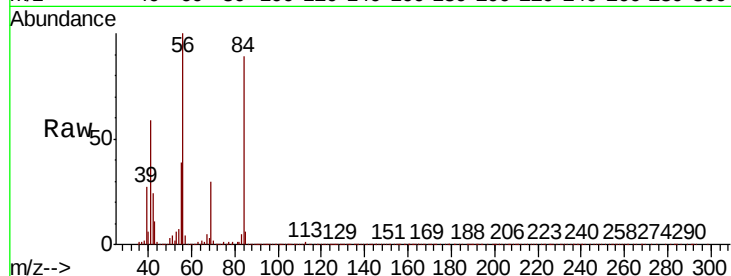




#31
Cyclohexane
Concen: 48.385 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013446.D
Acq: 15 Nov 2019 15:12

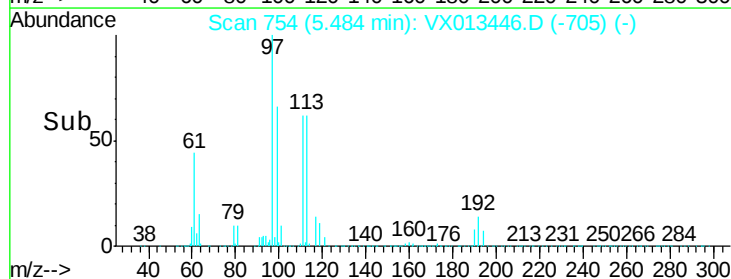
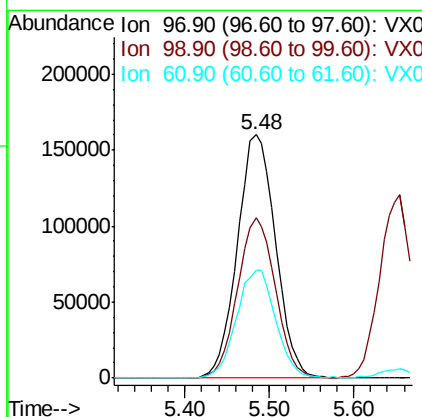
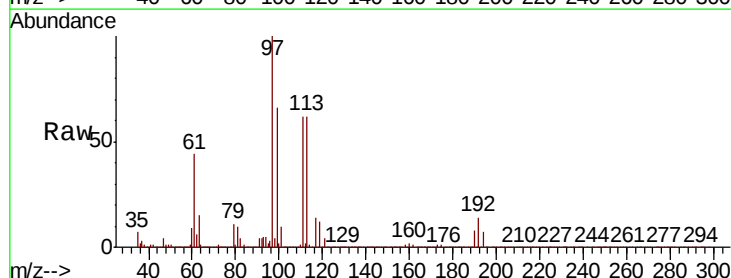
Instrument :
MSVOA_X
ClientSampleId :
S36-0162MSD

Tot Ion: 56 Resp: 509649
Ion Ratio Lower Upper
56 100
69 30.3 23.7 35.5
84 88.2 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 49.441 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013446.D
Acq: 15 Nov 2019 15:12

Tgt Ion: 97 Resp: 491807
Ion Ratio Lower Upper
97 100
99 65.0 51.1 76.7
61 45.4 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 43.249 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013446.D

Acq: 15 Nov 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

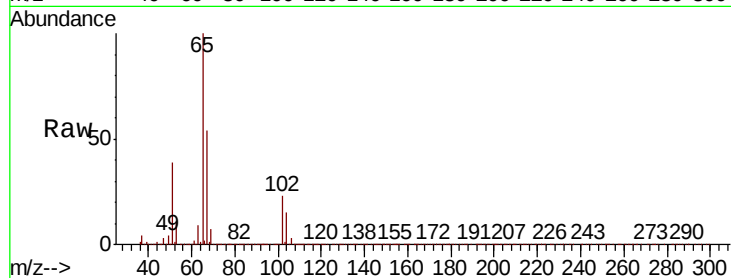
S36-0162MSD

Tot Ion: 65 Resp: 333209

Ion Ratio Lower Upper

65 100

67 53.8 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

150000

100000

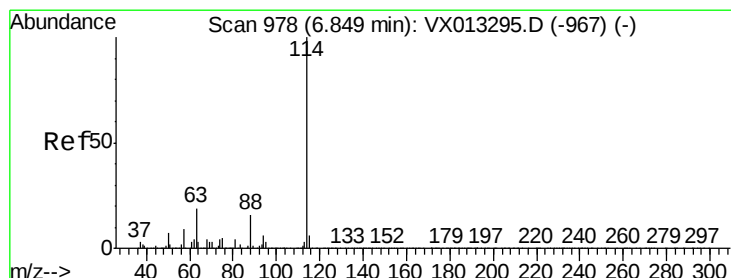
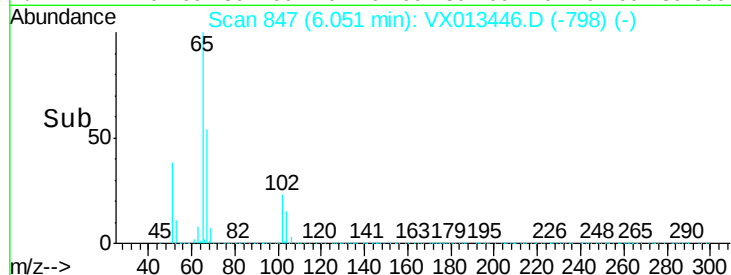
50000

0

6.05

5.90 6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013446.D

Acq: 15 Nov 2019 15:12

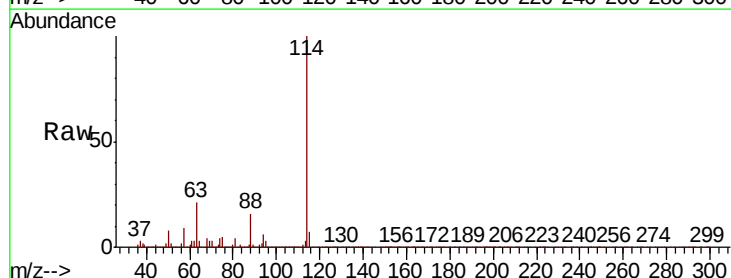
Tgt Ion: 114 Resp: 1005925

Ion Ratio Lower Upper

114 100

63 21.0 0.0 38.4

88 15.9 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

500000

400000

300000

200000

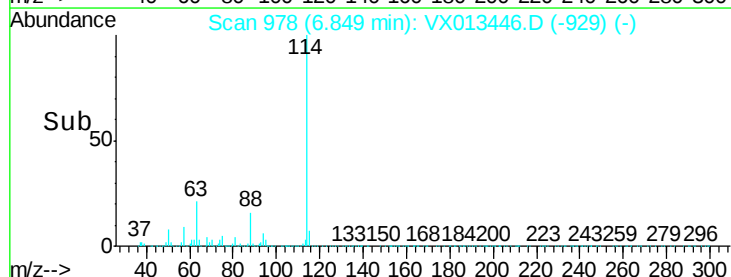
100000

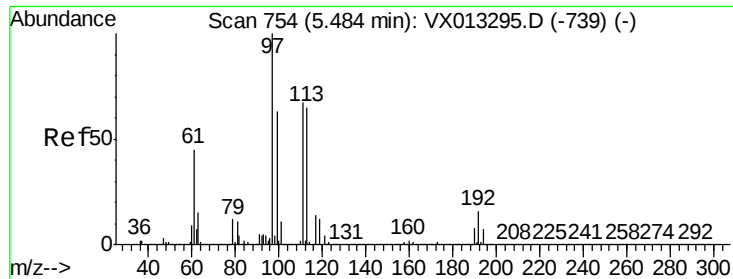
0

6.85

6.70 6.80 6.90 7.00

Time-->

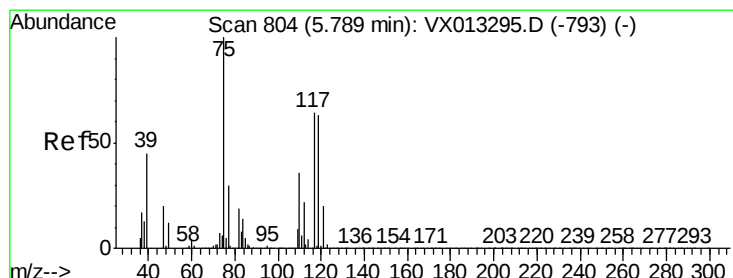
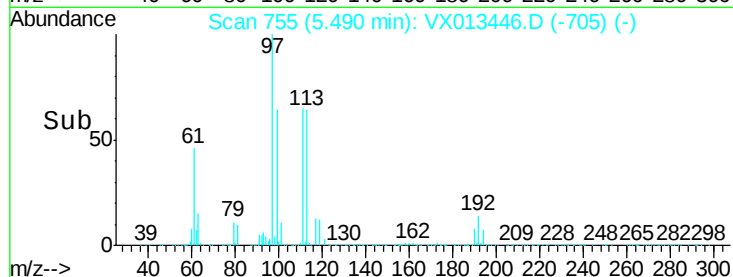
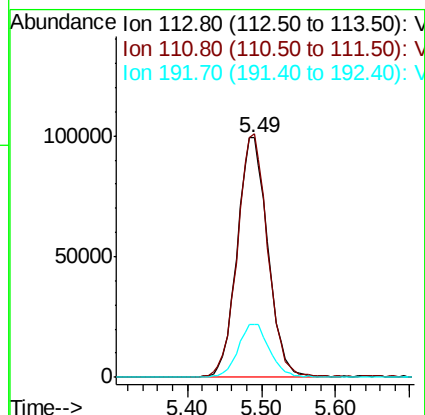
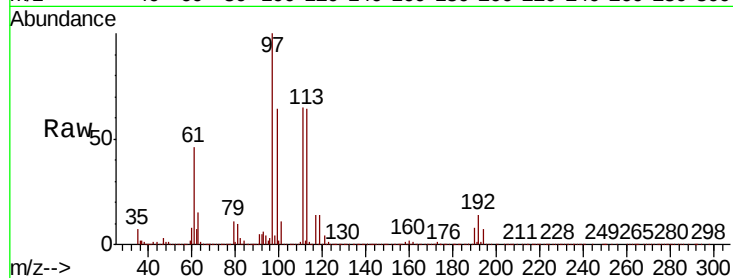




#35
Dibromofluoromethane
Concen: 45.259 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013446.D
Acq: 15 Nov 2019 15:12

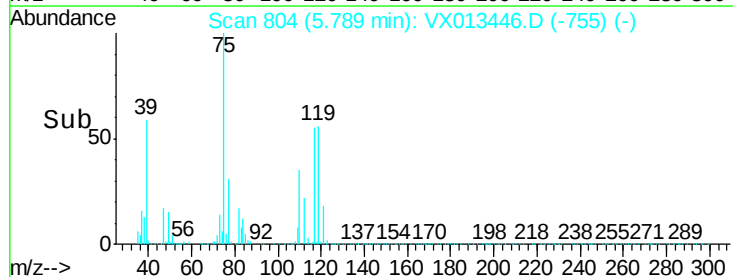
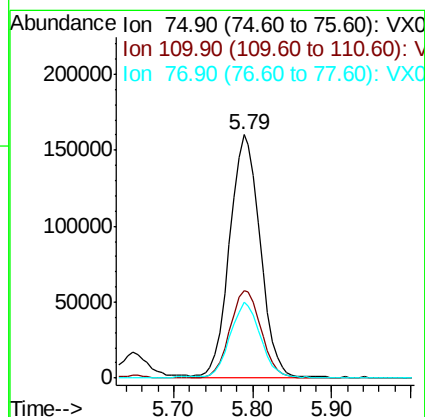
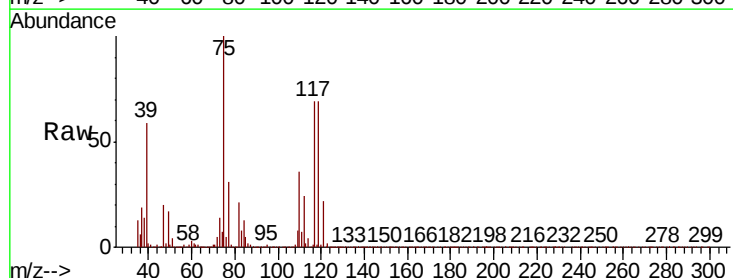
Instrument :
MSVOA_X
ClientSampleId :
S36-0162MSD

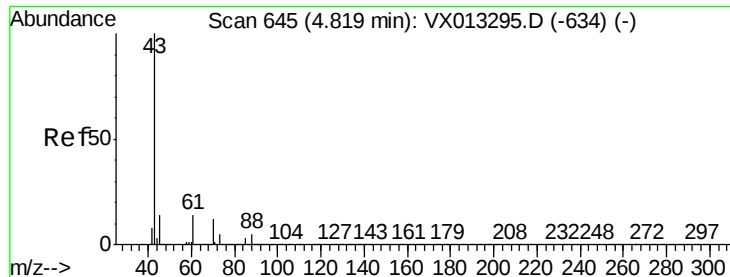
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.9	122.9
192	23.0	19.1	28.7



#36
1,1-Dichloropropene
Concen: 49.626 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX013446.D
Acq: 15 Nov 2019 15:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.0	18.1	54.1
77	30.3	25.0	37.4

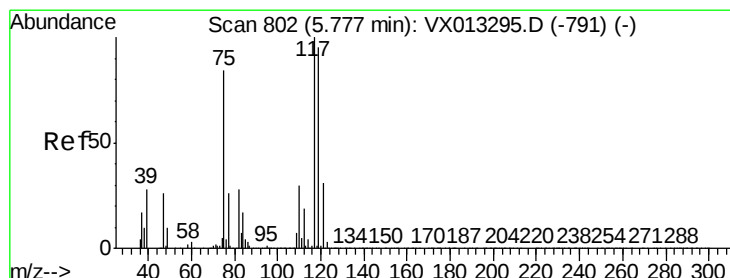
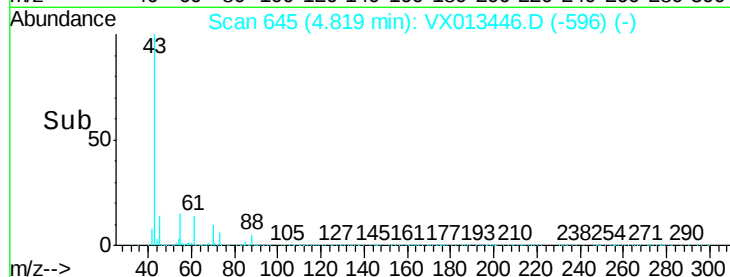
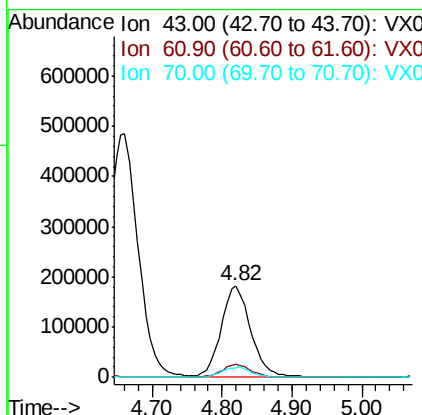
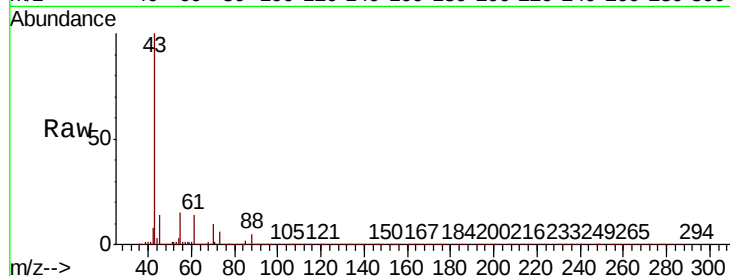




#37
Ethyl Acetate
Concen: 49.561 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013446.D
Acq: 15 Nov 2019 15:12

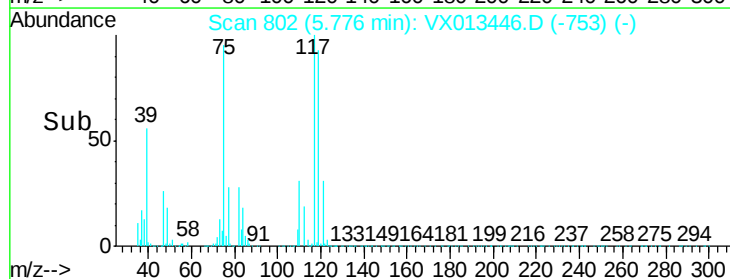
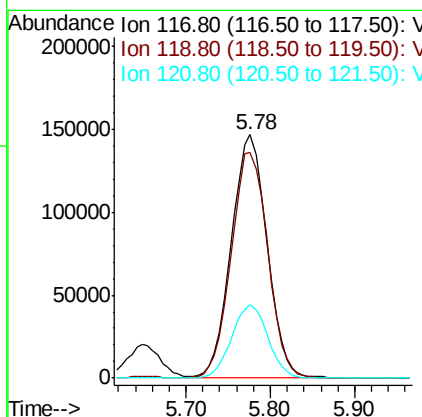
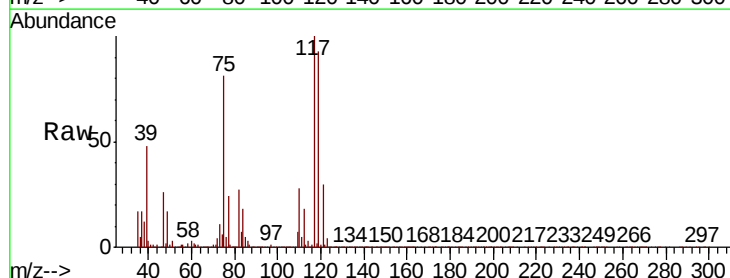
Instrument :
MSVOA_X
ClientSampleId :
S36-0162MSD

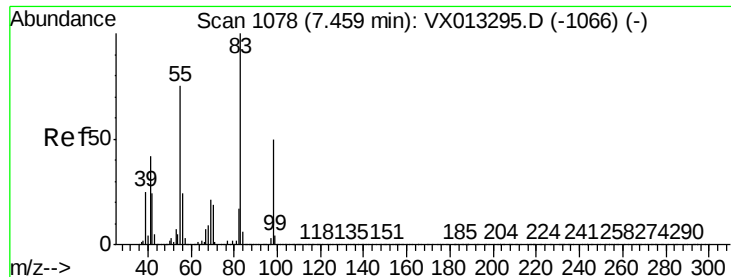
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.7	16.1
70	11.3	8.7	13.1



#38
Carbon Tetrachloride
Concen: 49.833 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013446.D
Acq: 15 Nov 2019 15:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.4	76.1	114.1
121	30.1	24.6	37.0

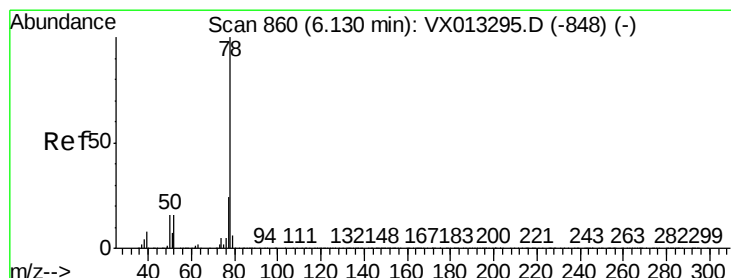
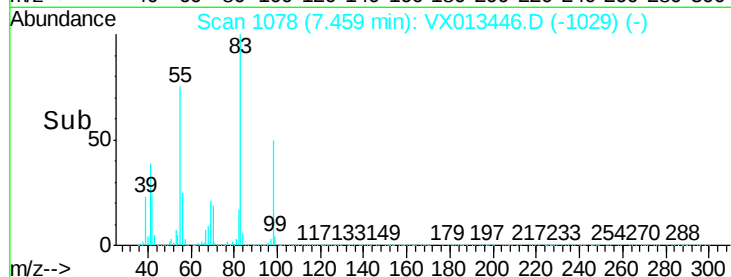
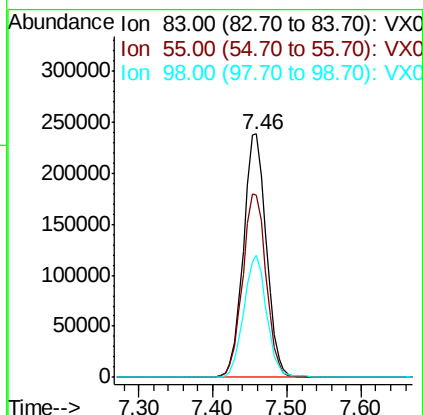
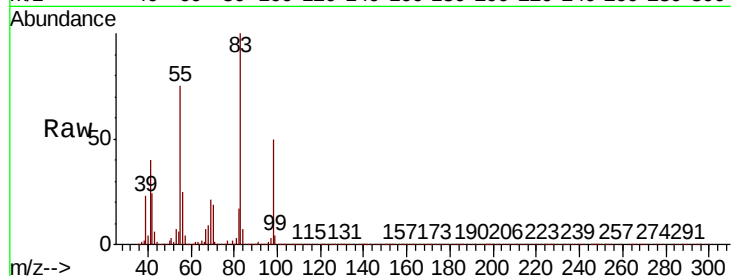




#39
Methvlcvclohexane
Concen: 48.125 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013446.D
Acq: 15 Nov 2019 15:12

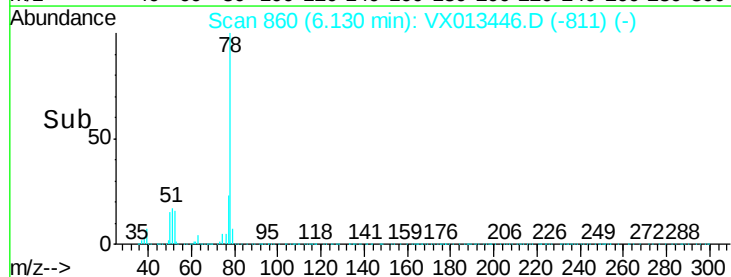
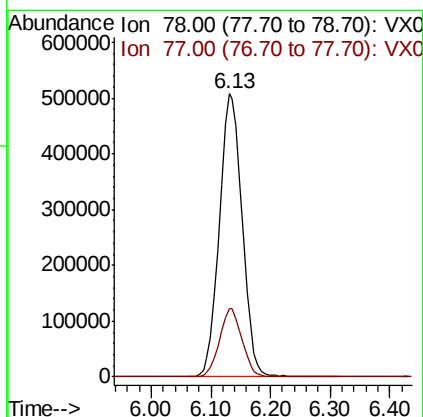
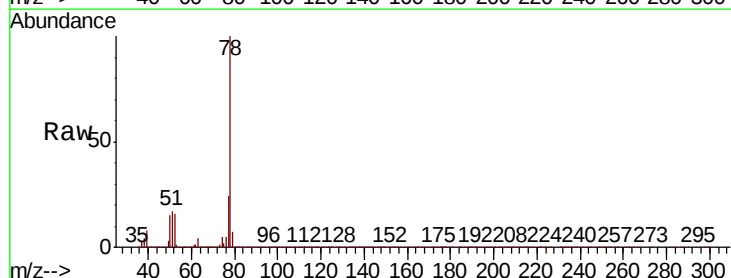
Instrument :
MSVOA_X
ClientSampleId :
S36-0162MSD

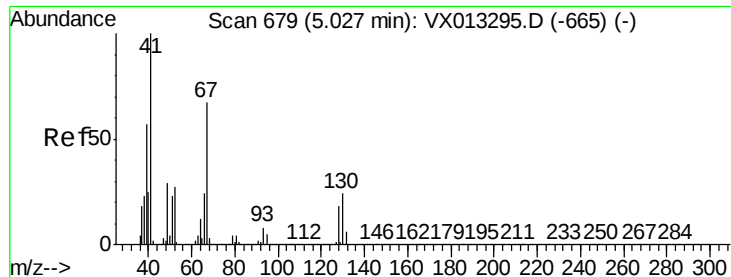
Tot Ion	83	Resp	517468
Ion	Ratio	Lower	Upper
83	100		
55	74.9	60.3	90.5
98	50.3	40.3	60.5



#40
Benzene
Concen: 50.211 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013446.D
Acq: 15 Nov 2019 15:12

Tgt Ion	78	Resp	1349709
Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.5	29.3

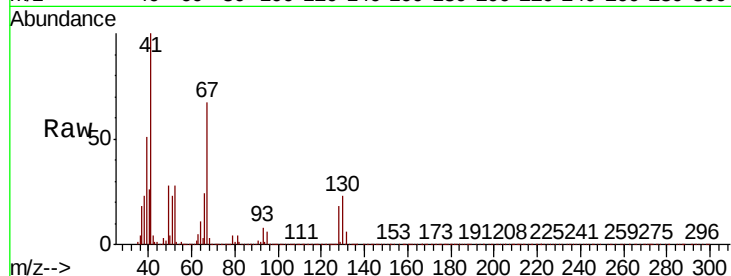




#41
Methacrylonitrile
Concen: 49.848 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013446.D
Acq: 15 Nov 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
S36-0162MSD

Tot Ion:	41	Resp:	297928
Ion	Ratio	Lower	Upper
41	100		
39	54.2	45.0	67.6
67	71.2	55.4	83.2
52	28.0	23.1	34.7



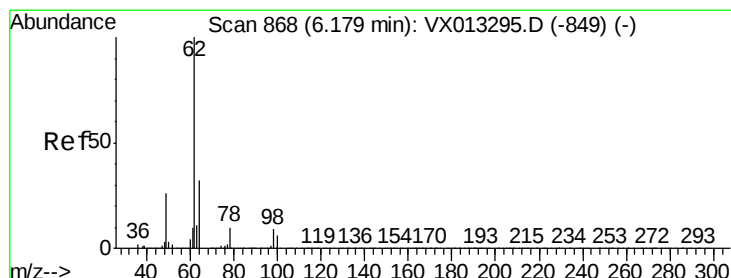
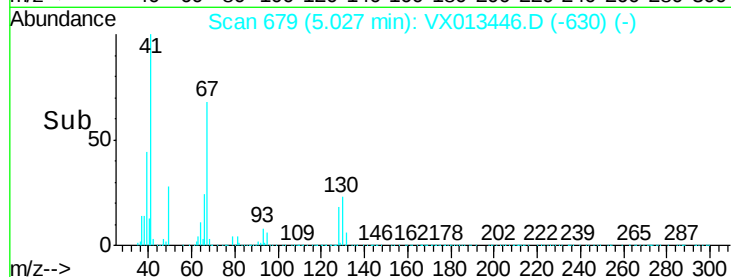
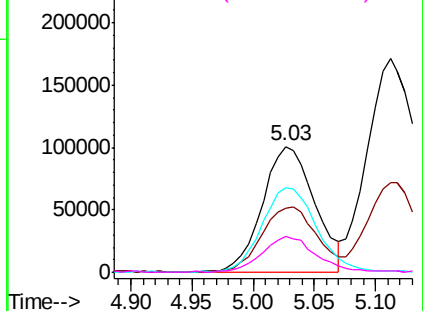
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

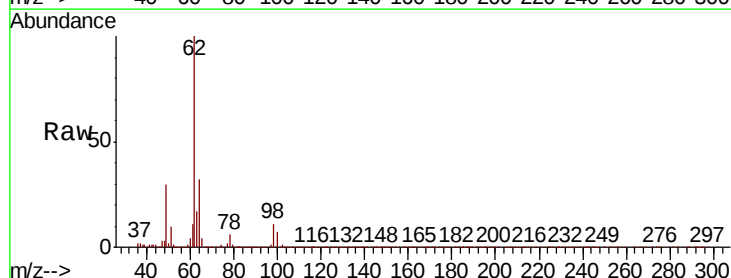
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 48.340 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013446.D
Acq: 15 Nov 2019 15:12

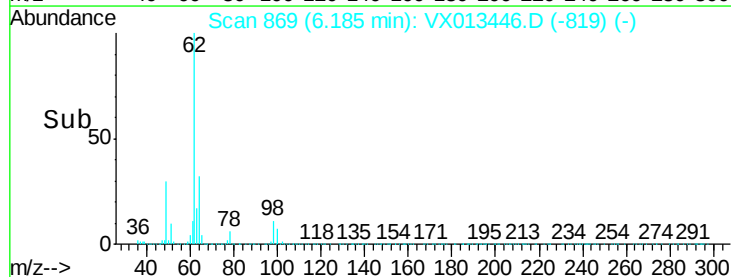
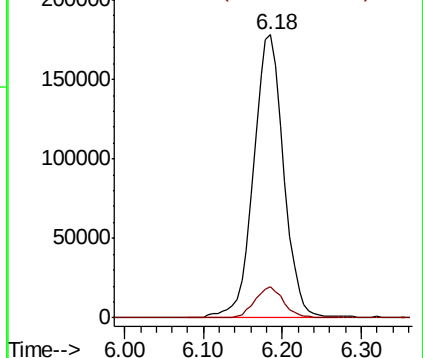
Tgt Ion:	62	Resp:	468713
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.4

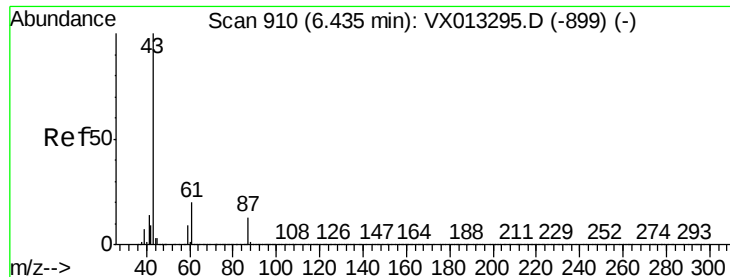


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



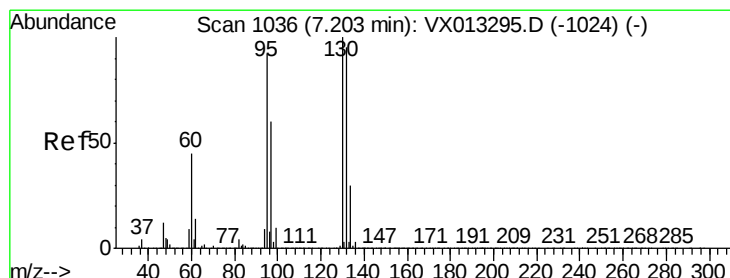
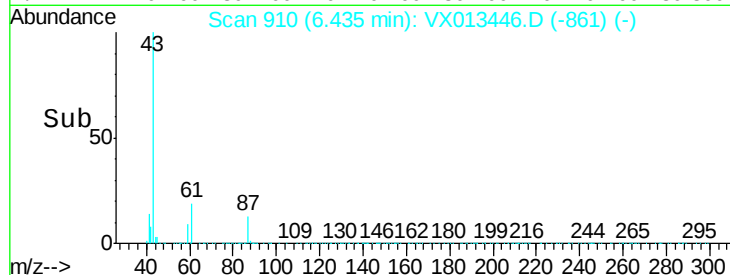
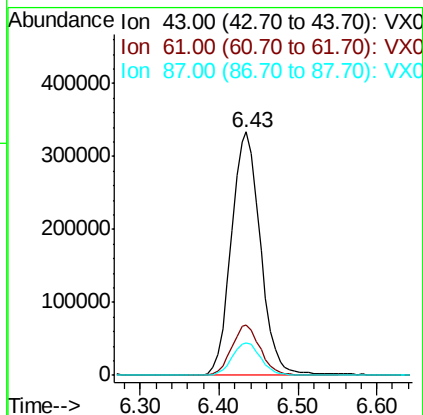
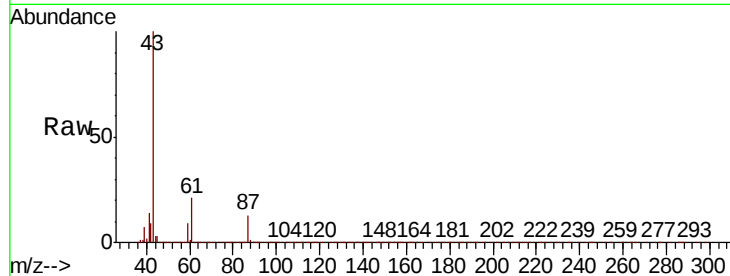


#43

Isopropyl Acetate
 Concen: 51.274 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX013446.D
 Acq: 15 Nov 2019 15:12

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0162MSD

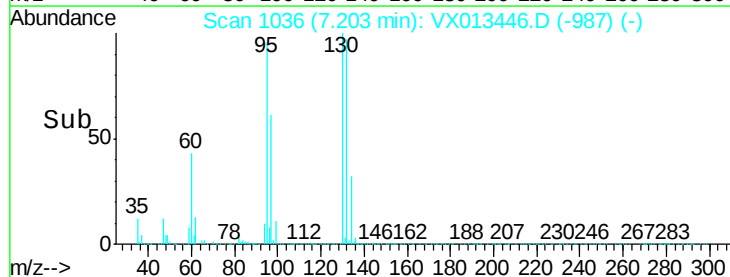
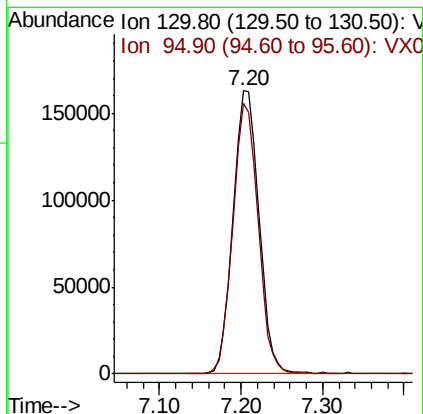
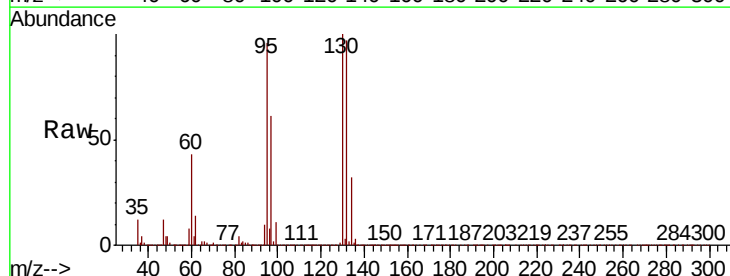
Tot Ion	43	Resp	851380
Ion Ratio	Lower	Upper	
43	100		
61	20.0	15.8	23.8
87	13.3	10.4	15.6

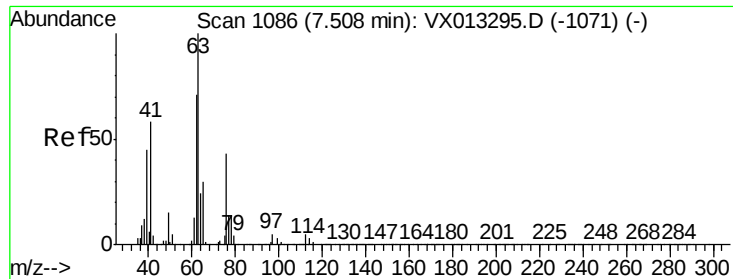


#44

Trichloroethene
 Concen: 48.067 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX013446.D
 Acq: 15 Nov 2019 15:12

Tgt Ion	130	Resp	355667
Ion Ratio	Lower	Upper	
130	100		
95	95.5	0.0	184.8

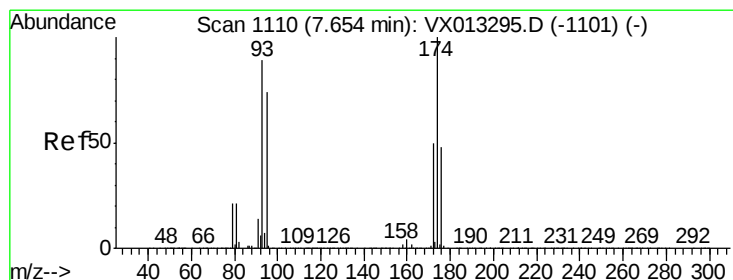
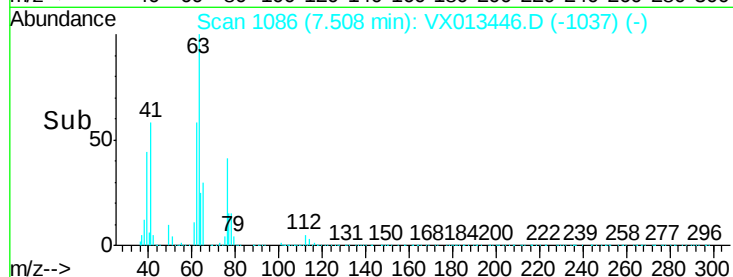
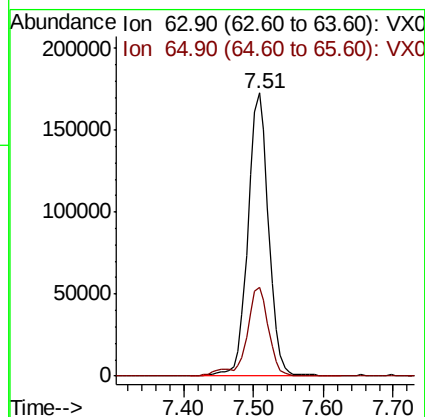
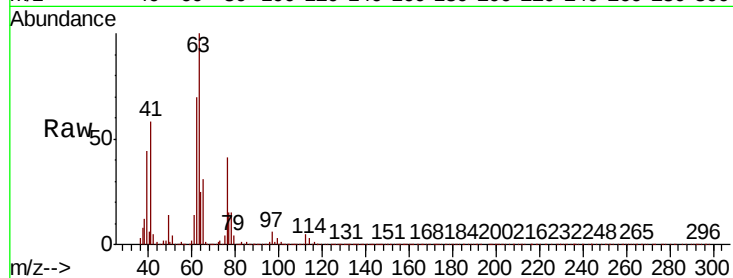




#45
 1,2-Dichloropropane
 Concen: 51.391 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013446.D
 Acq: 15 Nov 2019 15:12

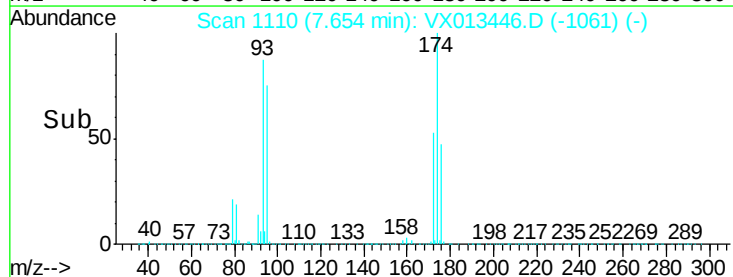
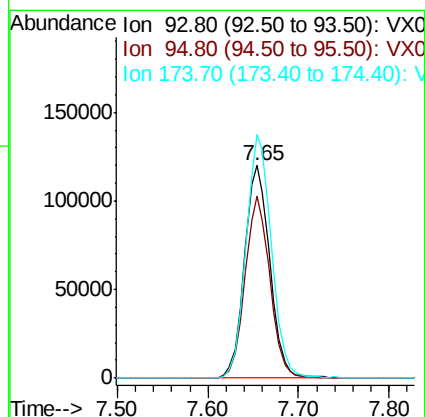
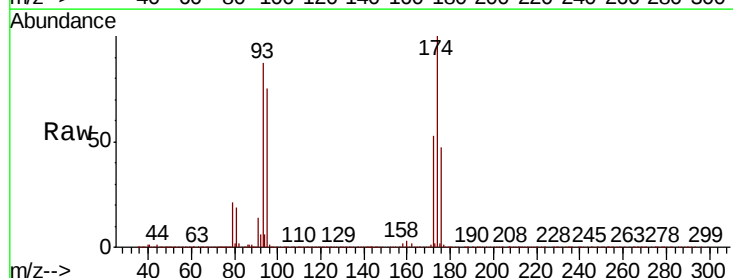
Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0162MSD

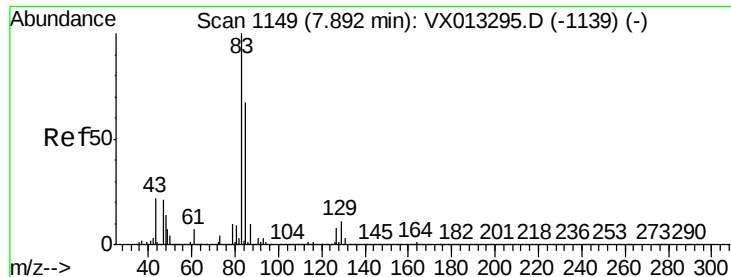
Tot Ion: 63 Resp: 351984
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.3 36.5



#46
 Dibromomethane
 Concen: 49.307 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013446.D
 Acq: 15 Nov 2019 15:12

Tgt Ion: 93 Resp: 230580
 Ion Ratio Lower Upper
 93 100
 95 84.1 65.8 98.6
 174 115.0 90.4 135.6





#47

Bromodichloromethane

Concen: 52.073 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013446.D

Acq: 15 Nov 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

S36-0162MSD

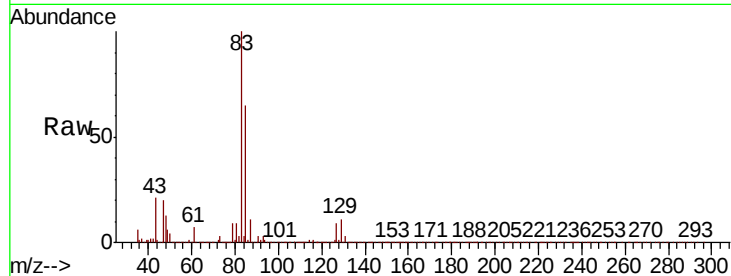
Tot Ion: 83 Resp: 459199

Ion Ratio Lower Upper

83 100

85 65.2 53.7 80.5

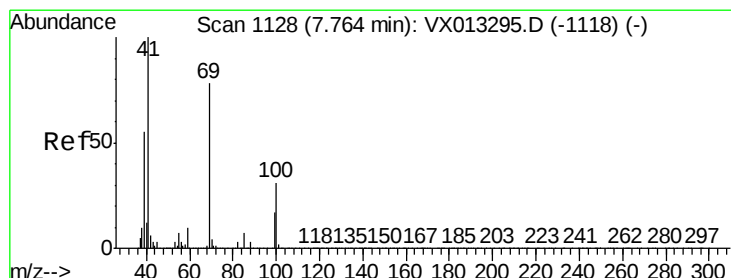
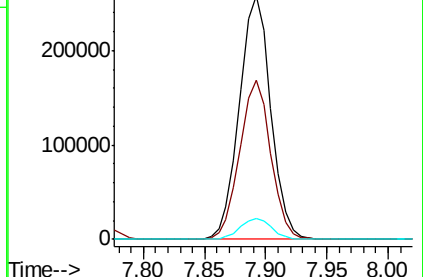
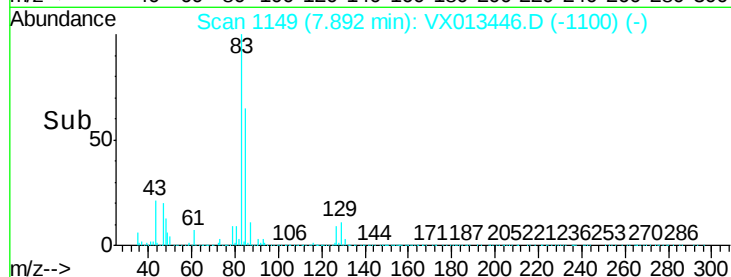
127 8.6 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.252 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013446.D

Acq: 15 Nov 2019 15:12

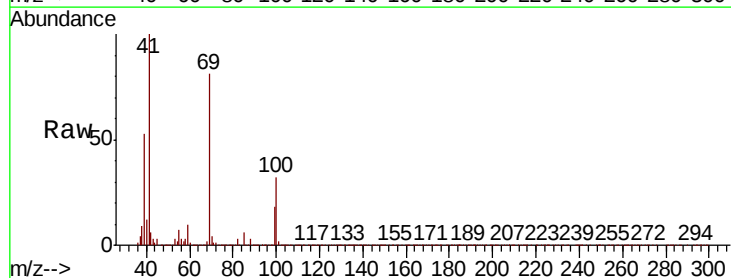
Tgt Ion: 41 Resp: 433102

Ion Ratio Lower Upper

41 100

69 81.3 63.0 94.6

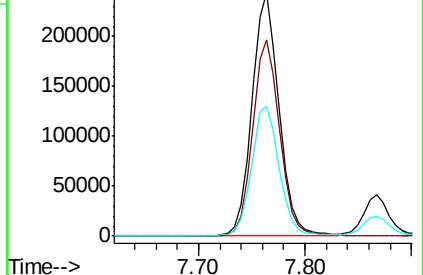
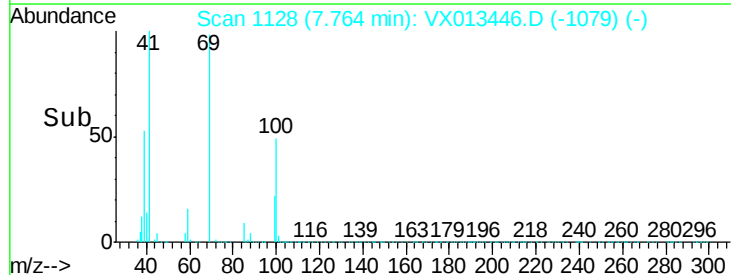
39 54.7 45.9 68.9

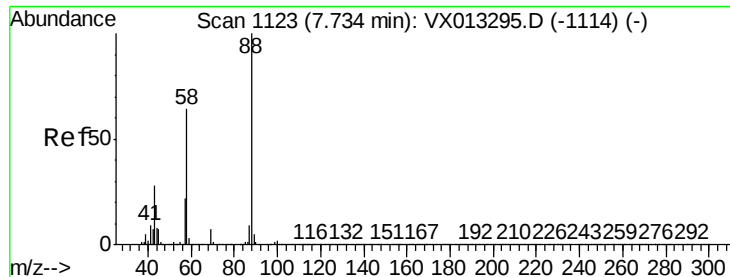


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 900.709 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013446.D

Acq: 15 Nov 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

S36-0162MSD

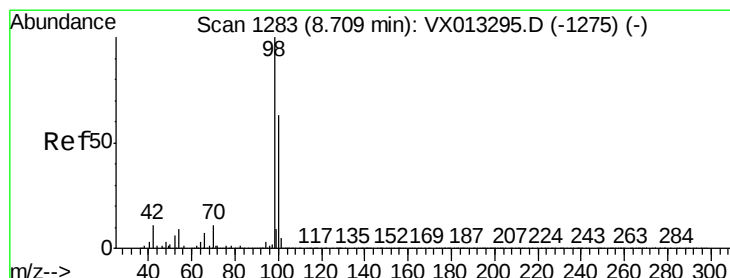
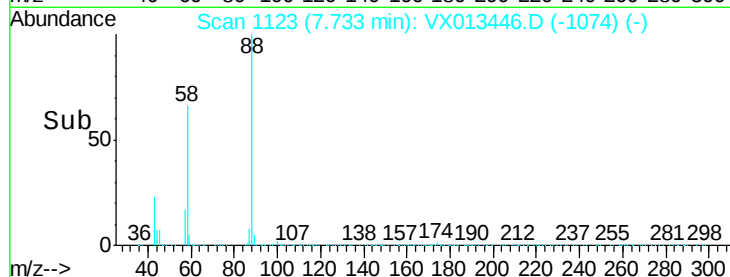
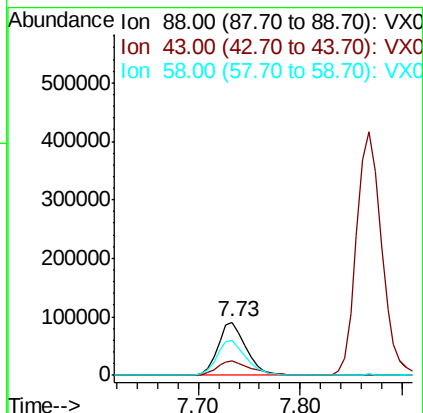
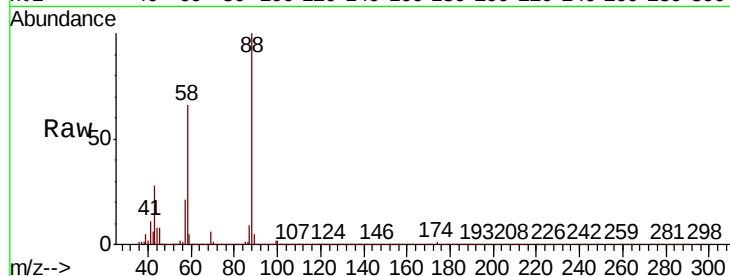
Tot Ion: 88 Resp: 170972

Ion Ratio Lower Upper

88 100

43 33.3 26.6 39.8

58 69.0 55.0 82.6



#50

Toluene-d8

Concen: 44.682 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013446.D

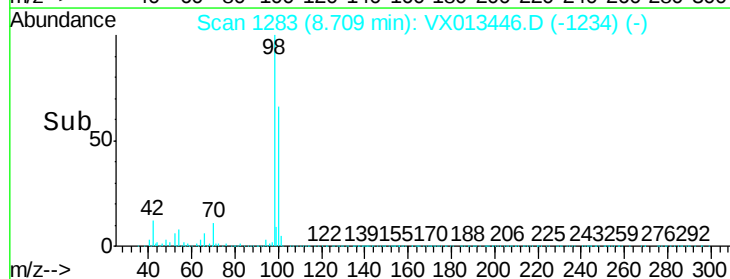
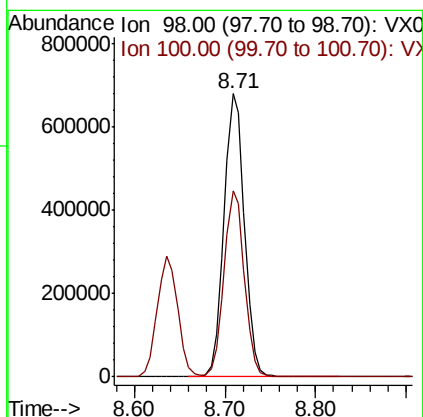
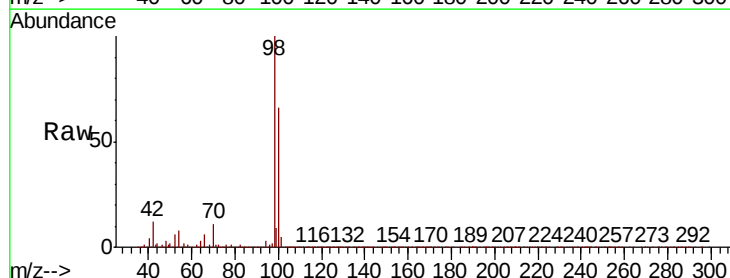
Acq: 15 Nov 2019 15:12

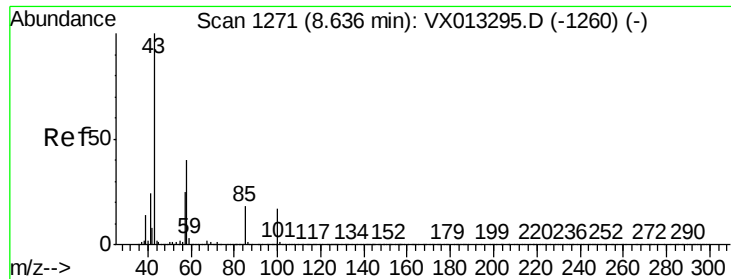
Tgt Ion: 98 Resp: 1062789

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.2

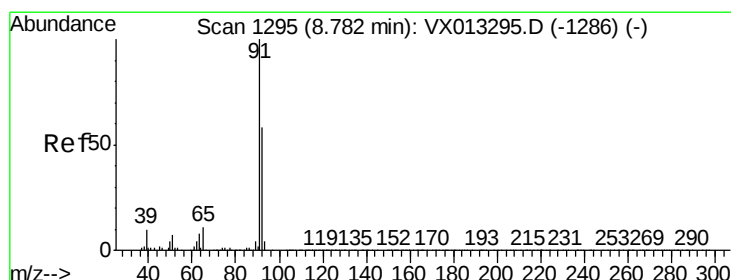
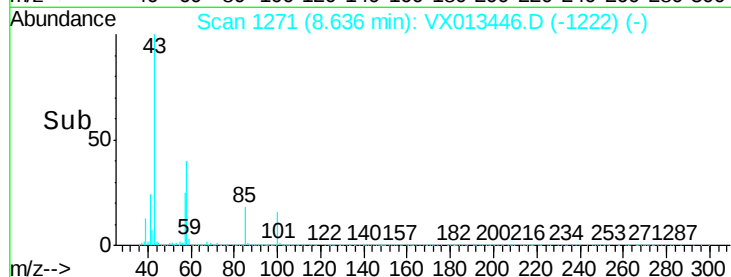
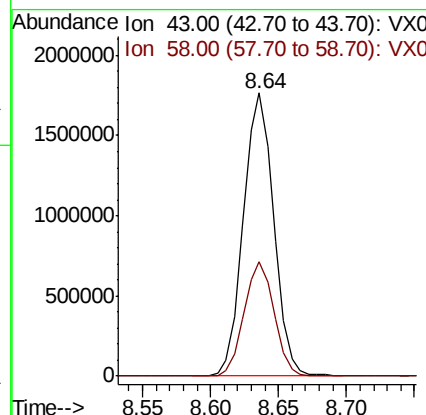
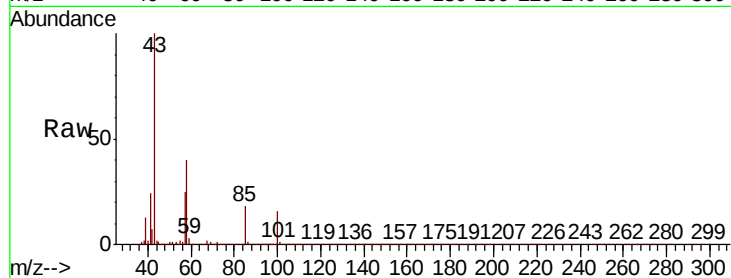




#51
4-Methyl-2-Pentanone
Concen: 253.014 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013446.D
Acq: 15 Nov 2019 15:12

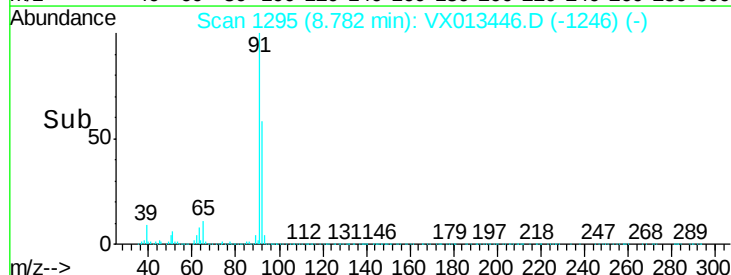
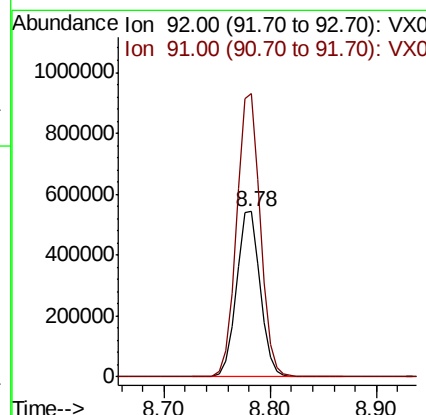
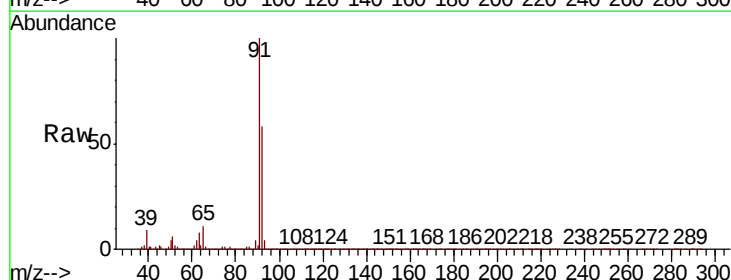
Instrument :
MSVOA_X
ClientSampleId :
S36-0162MSD

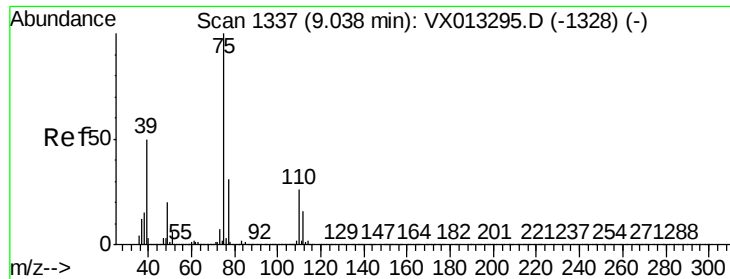
Tot Ion: 43 Resp: 2756350
Ion Ratio Lower Upper
43 100
58 39.9 31.4 47.0



#52
Toluene
Concen: 50.948 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX013446.D
Acq: 15 Nov 2019 15:12

Tgt Ion: 92 Resp: 848820
Ion Ratio Lower Upper
92 100
91 170.5 138.0 207.0

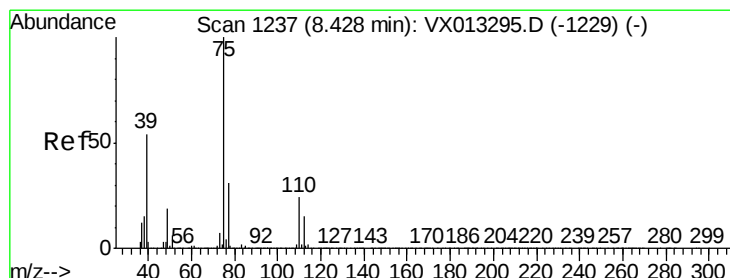
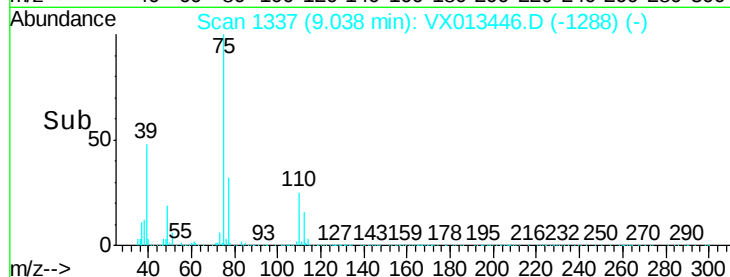
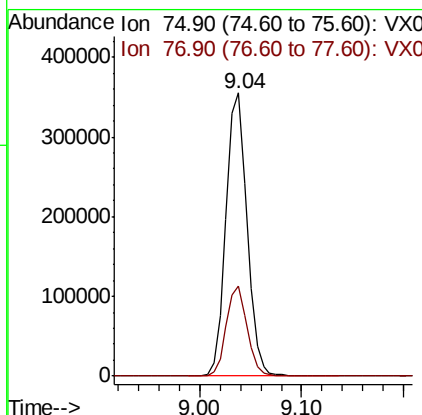
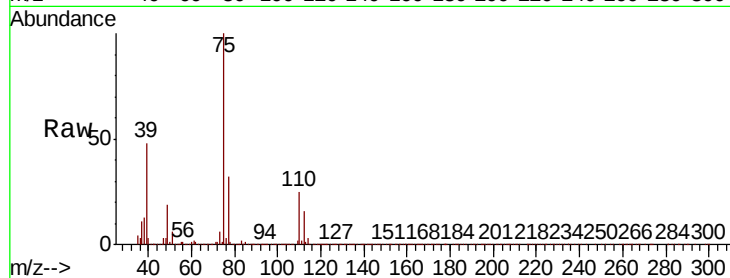




#53
t-1,3-Dichloropropene
Concen: 52.893 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013446.D
Acq: 15 Nov 2019 15:12

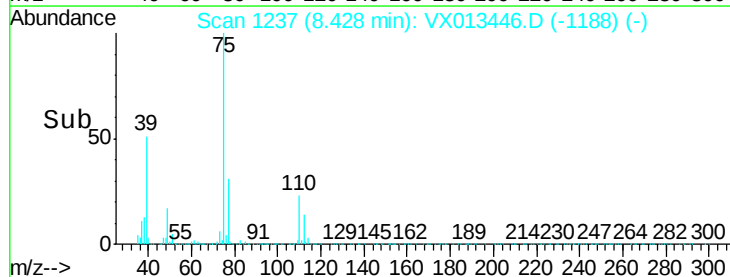
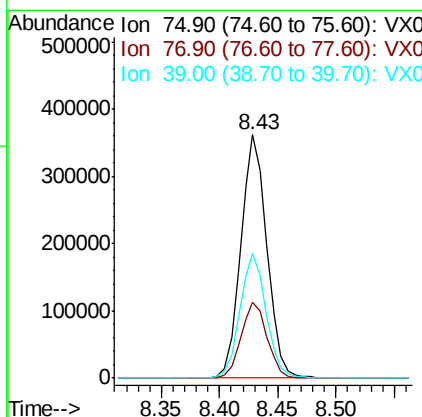
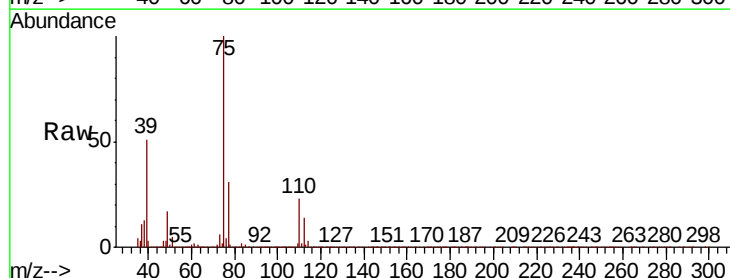
Instrument :
MSVOA_X
ClientSampleId :
S36-0162MSD

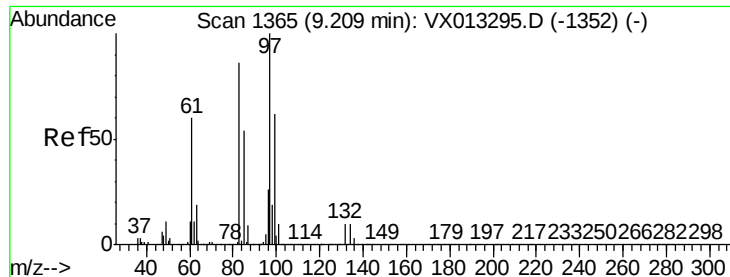
Tot Ion: 75 Resp: 510039
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 52.122 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013446.D
Acq: 15 Nov 2019 15:12

Tgt Ion: 75 Resp: 562210
Ion Ratio Lower Upper
75 100
77 31.0 24.7 37.1
39 50.8 43.0 64.6

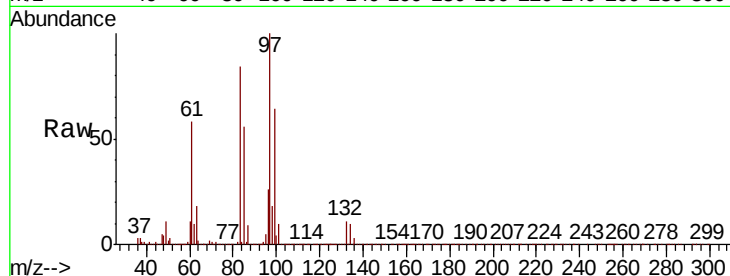




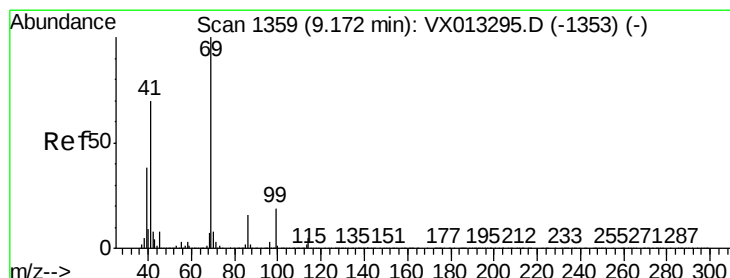
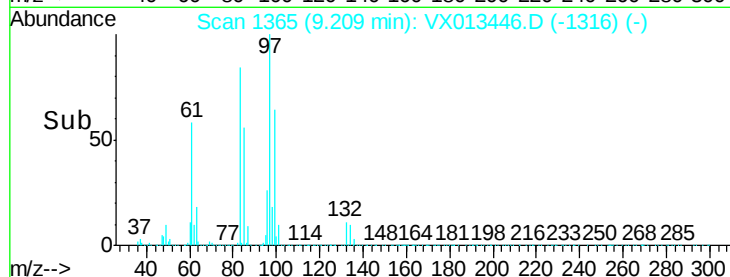
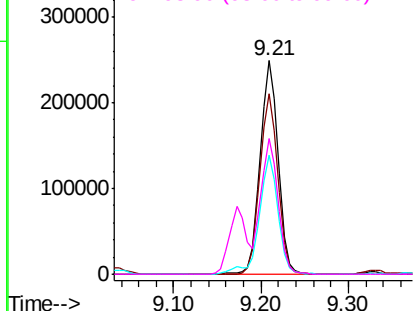
#55
 1,1,2-Trichloroethane
 Concen: 51.837 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013446.D
 Acq: 15 Nov 2019 15:12

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0162MSD

Tot Ion:	97	Resp:	357967
Ion	Ratio	Lower	Upper
97	100		
83	84.3	68.6	103.0
85	55.8	43.1	64.7
99	63.6	49.4	74.0

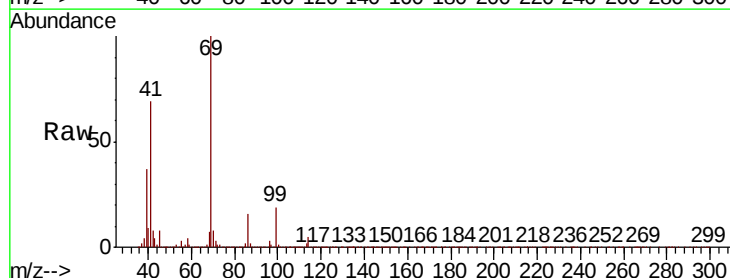


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

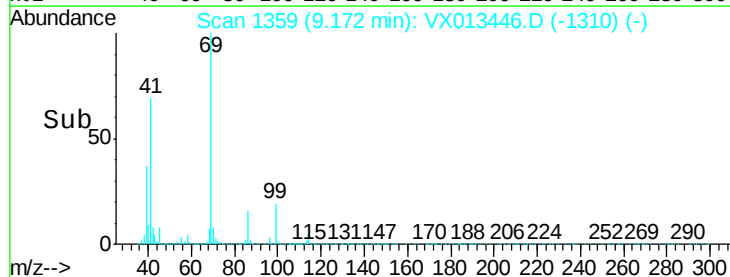
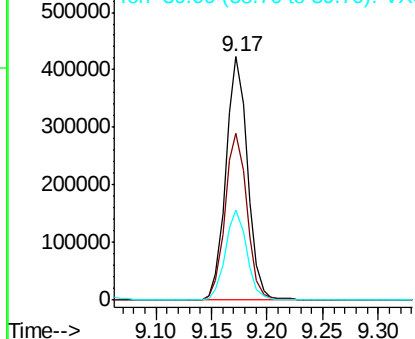


#56
 Ethyl methacrylate
 Concen: 48.432 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013446.D
 Acq: 15 Nov 2019 15:12

Tgt Ion:	69	Resp:	570389
Ion	Ratio	Lower	Upper
69	100		
41	68.9	56.2	84.2
39	36.2	31.1	46.7



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.092 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013446.D

Acq: 15 Nov 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

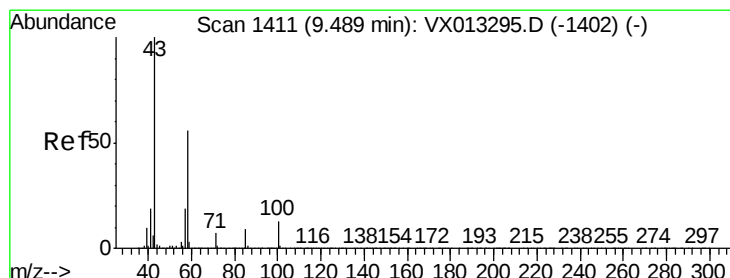
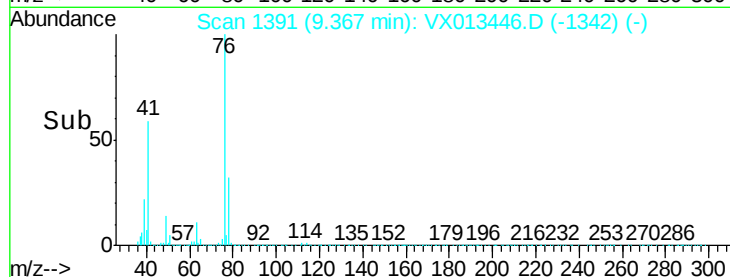
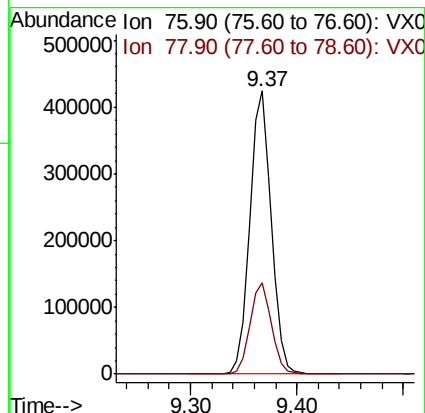
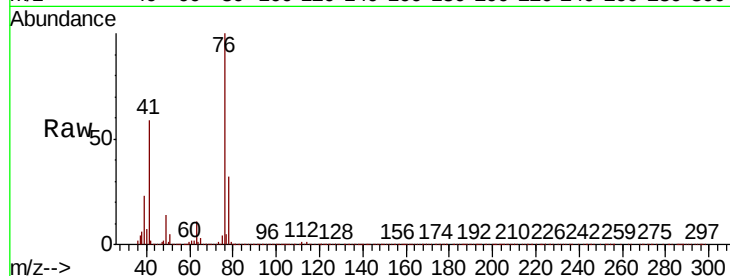
S36-0162MSD

Tot Ion: 76 Resp: 598927

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



#59

2-Hexanone

Concen: 249.067 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX013446.D

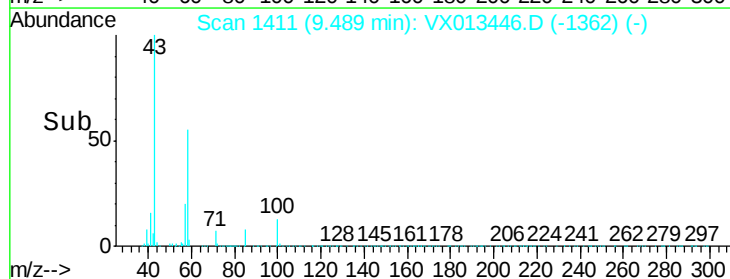
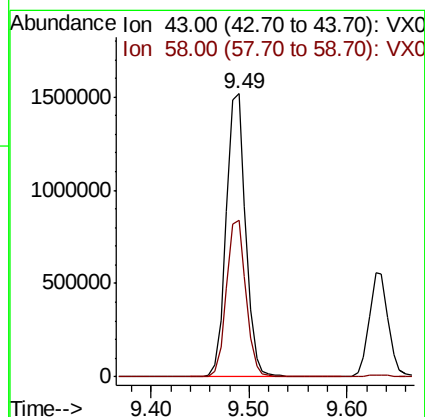
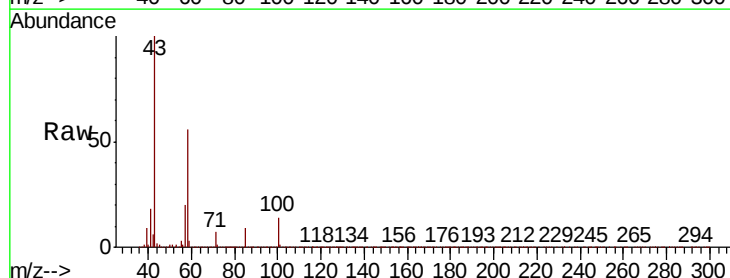
Acq: 15 Nov 2019 15:12

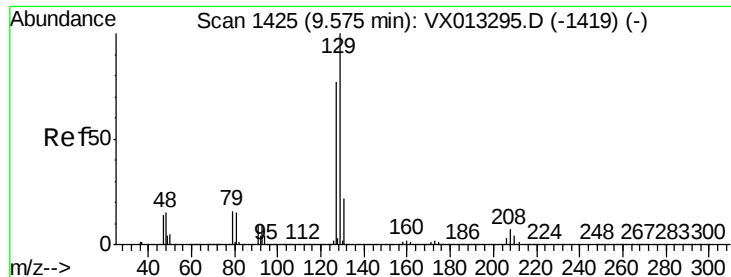
Tgt Ion: 43 Resp: 2096822

Ion Ratio Lower Upper

43 100

58 55.4 27.3 81.8





#60

Dibromochloromethane

Concen: 52.480 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX013446.D

Acq: 15 Nov 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

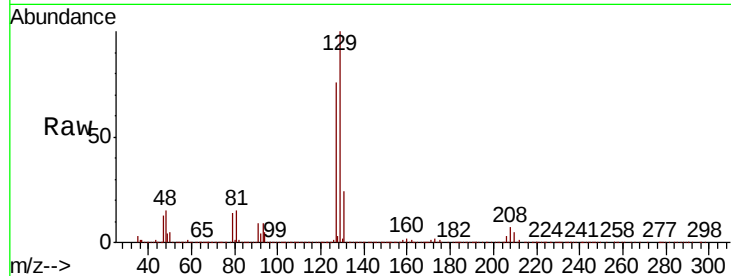
S36-0162MSD

Tot Ion:129 Resp: 370644

Ion Ratio Lower Upper

129 100

127 77.2 39.1 117.2



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

250000

200000

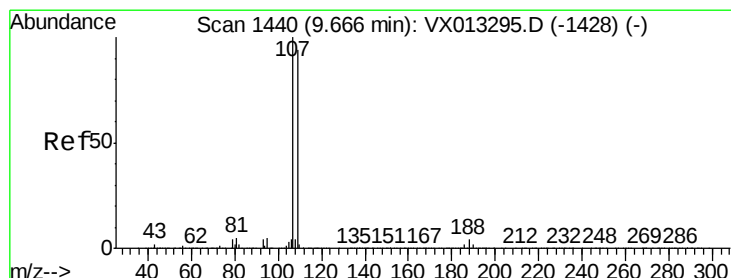
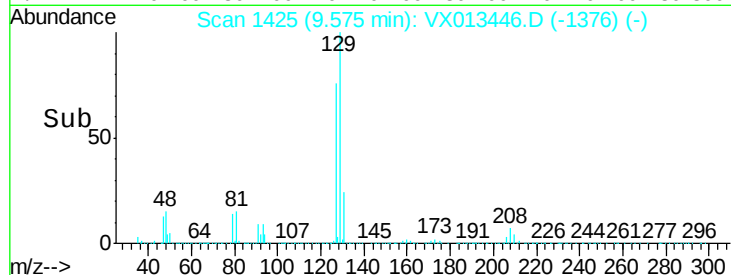
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 50.417 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013446.D

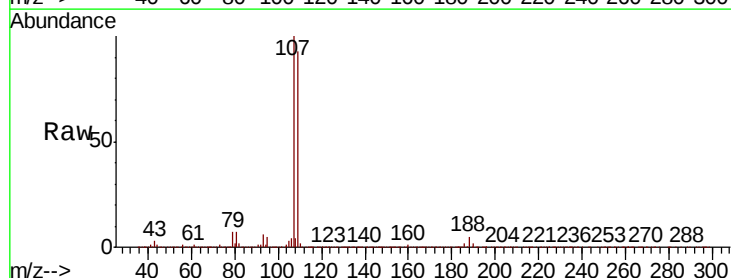
Acq: 15 Nov 2019 15:12

Tgt Ion:107 Resp: 369703

Ion Ratio Lower Upper

107 100

109 94.5 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

300000

250000

200000

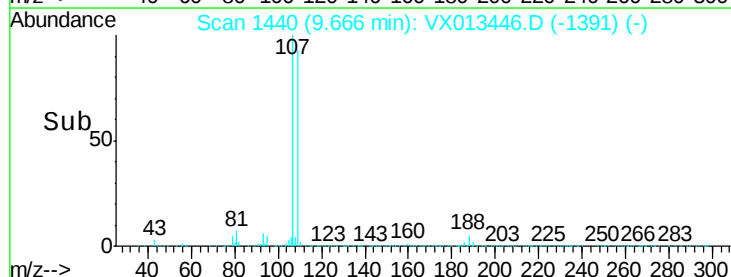
150000

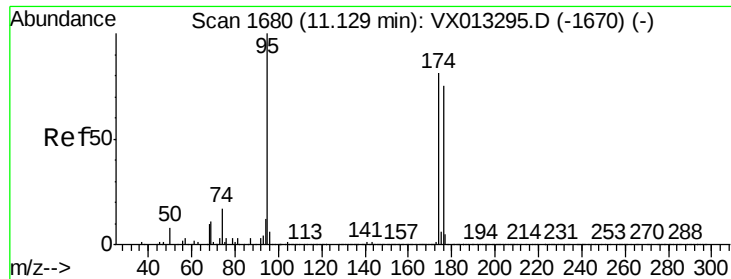
100000

50000

0

Time-->

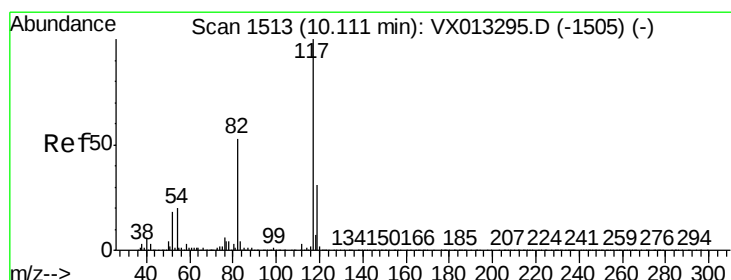
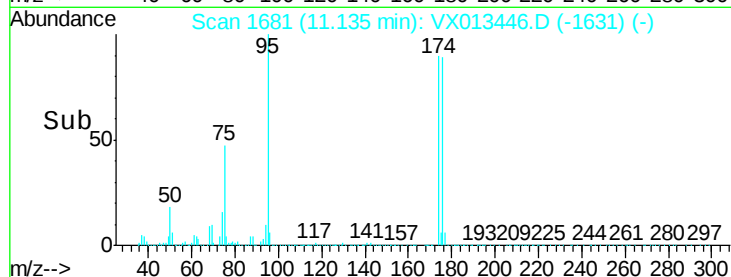
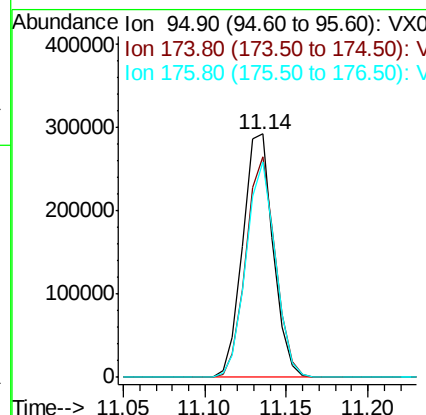
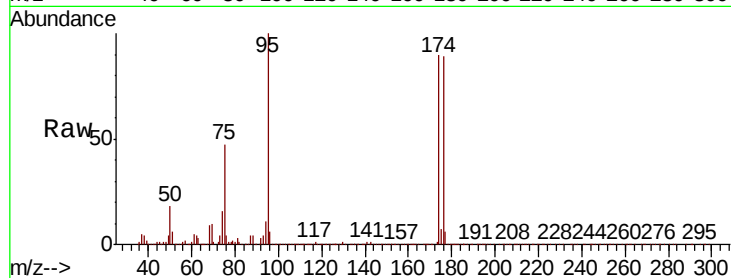




#62
4-Bromofluorobenzene
Concen: 44.191 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013446.D
Acq: 15 Nov 2019 15:12

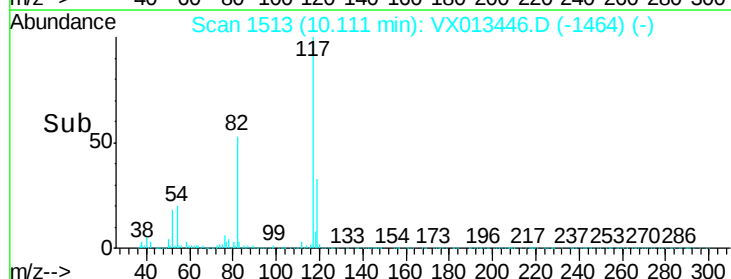
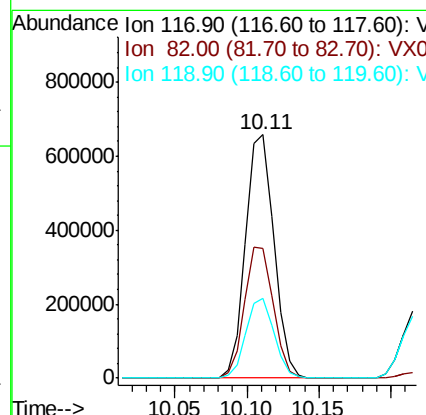
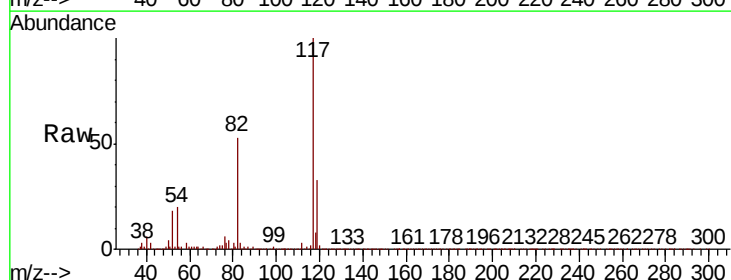
Instrument :
MSVOA_X
ClientSampleId :
S36-0162MSD

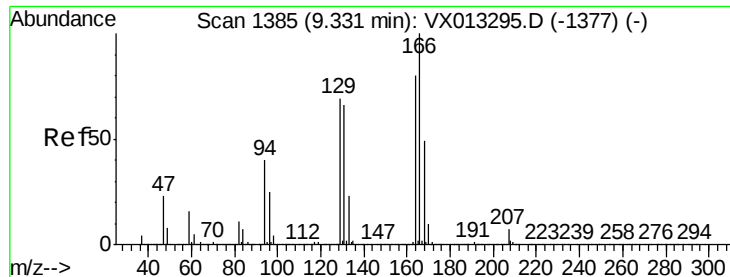
Tot Ion	Ratio	Lower	Upper
95	100		
174	88.3	0.0	179.8
176	85.7	0.0	173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013446.D
Acq: 15 Nov 2019 15:12

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.6	64.0
119	33.0	24.8	37.2





#64

Tetrachloroethene

Concen: 47.061 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013446.D

Acq: 15 Nov 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

S36-0162MSD

Tot Ion:164 Resp: 304678

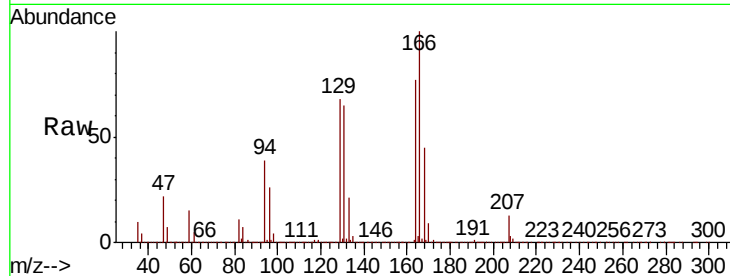
Ion Ratio Lower Upper

164 100

166 129.1 100.4 150.6

129 87.8 69.4 104.2

131 83.7 66.6 100.0

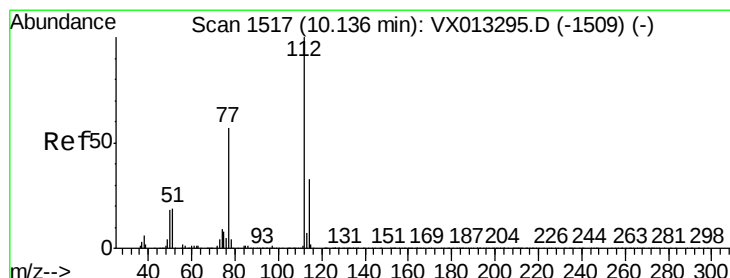
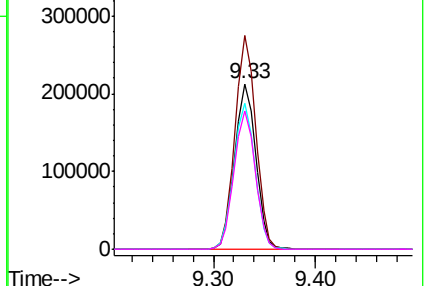
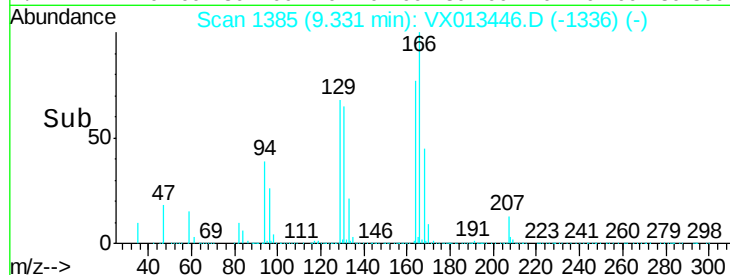


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 50.310 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013446.D

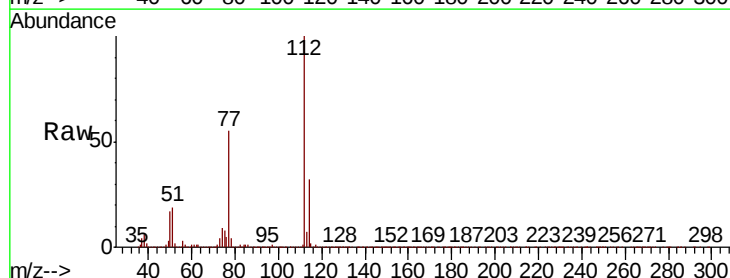
Acq: 15 Nov 2019 15:12

Tgt Ion:112 Resp: 921142

Ion Ratio Lower Upper

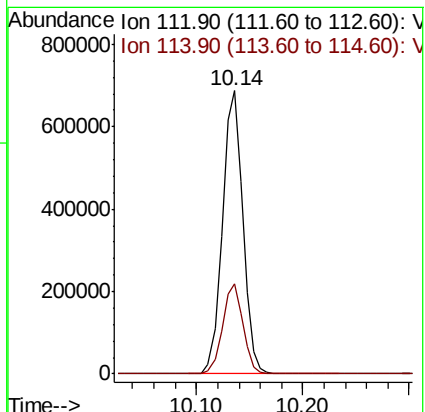
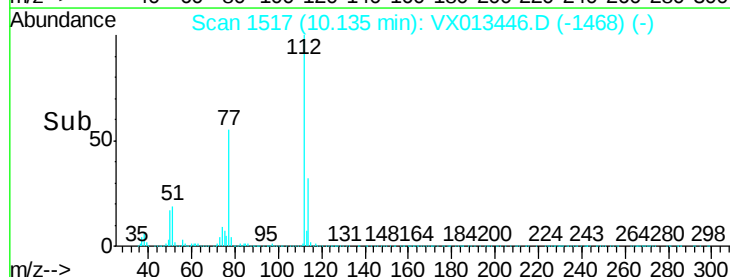
112 100

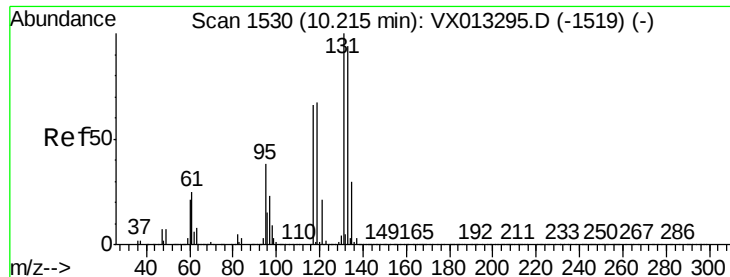
114 31.7 26.4 39.6



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: 52.534 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013446.D

Acq: 15 Nov 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

S36-0162MSD

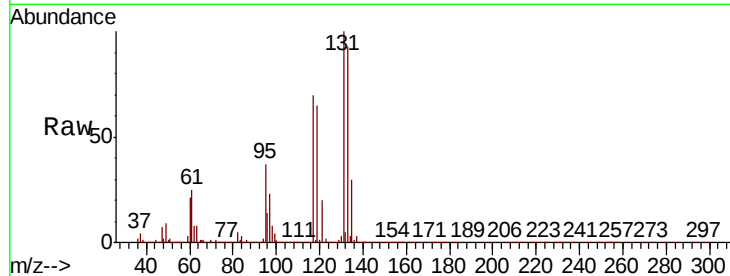
Tot Ion:131 Resp: 353168

Ion Ratio Lower Upper

131 100

133 93.5 48.0 144.0

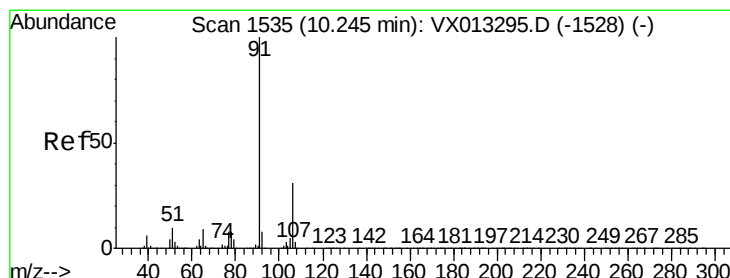
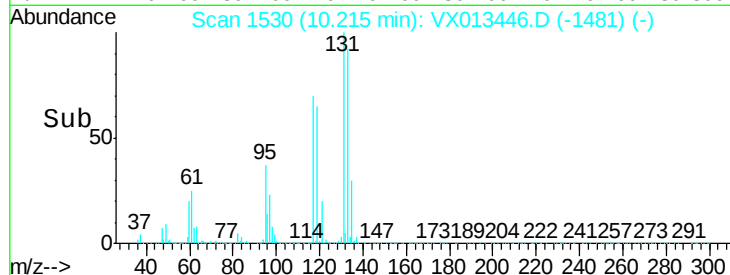
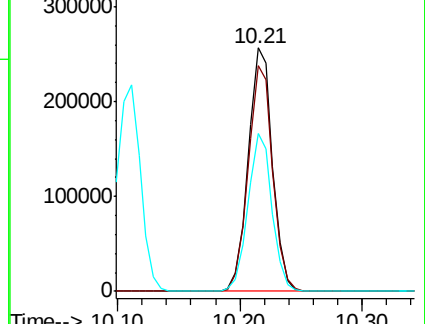
119 64.0 33.0 99.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 50.689 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013446.D

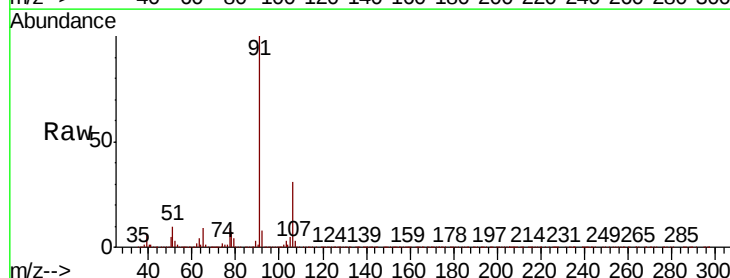
Acq: 15 Nov 2019 15:12

Tgt Ion: 91 Resp: 1601758

Ion Ratio Lower Upper

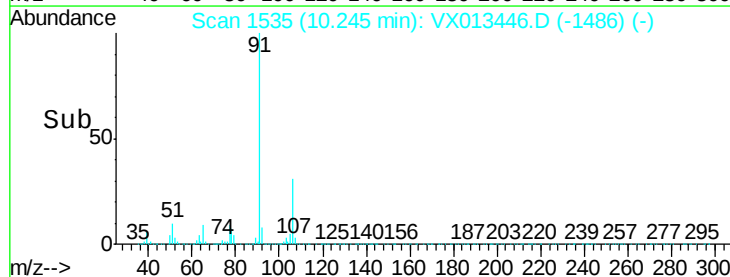
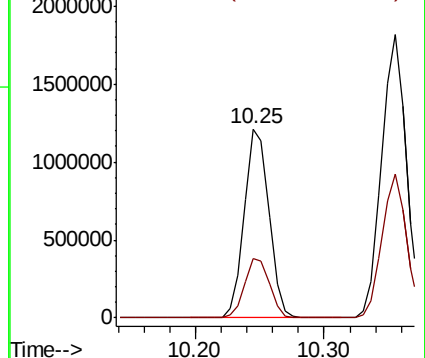
91 100

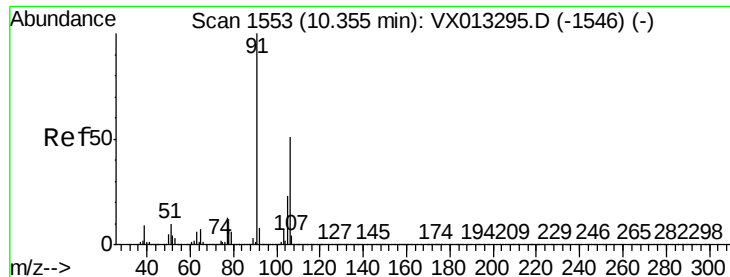
106 31.2 24.6 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 101.270 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013446.D

Acq: 15 Nov 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

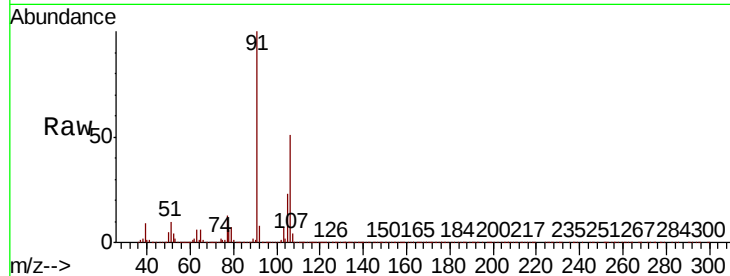
S36-0162MSD

Tot Ion:106 Resp: 1210255

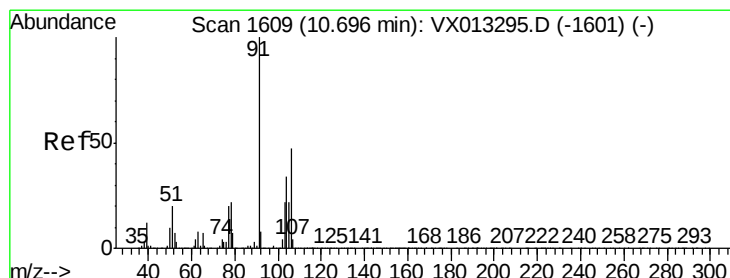
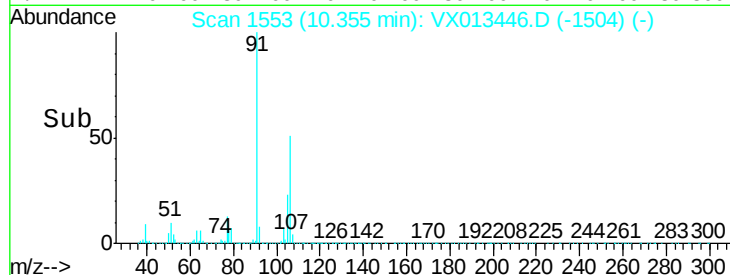
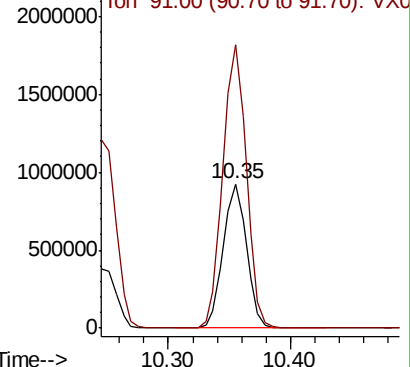
Ion Ratio Lower Upper

106 100

91 198.4 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): V



#69

o-Xylene

Concen: 50.635 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX013446.D

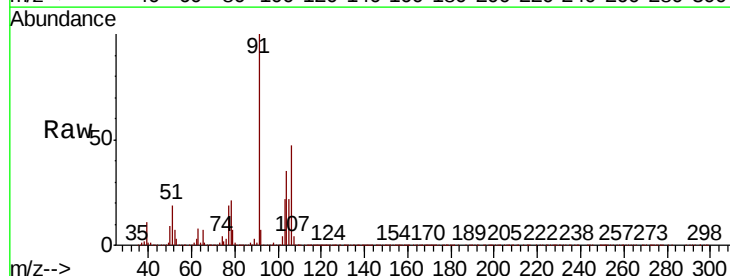
Acq: 15 Nov 2019 15:12

Tgt Ion:106 Resp: 592439

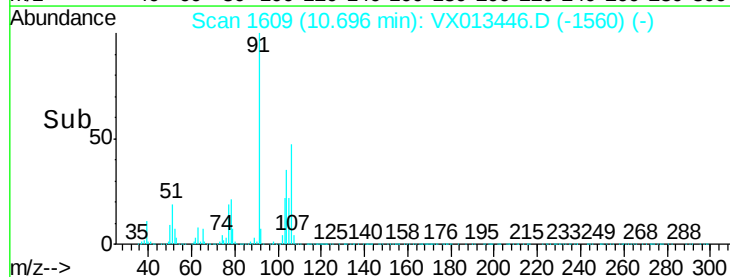
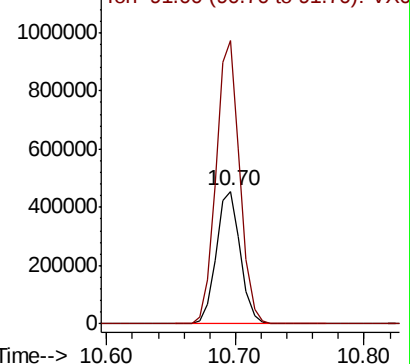
Ion Ratio Lower Upper

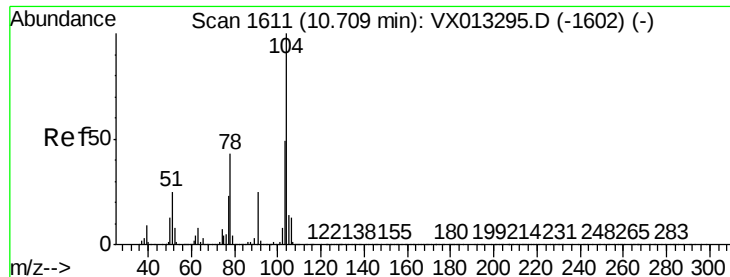
106 100

91 210.5 105.7 317.0



Abundance Ion 106.00 (105.70 to 106.70): V





#70

Stvrene

Concen: 52.487 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VX013446.D

Acq: 15 Nov 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

S36-0162MSD

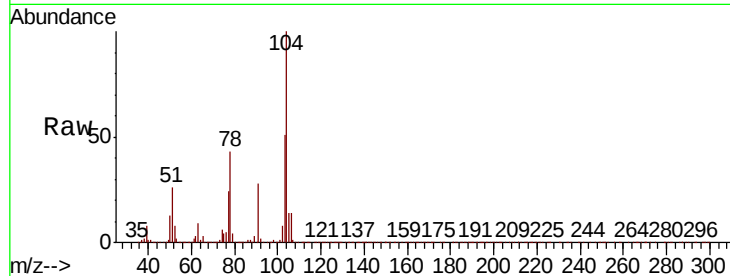
Tot Ion:104 Resp: 1026545

Ion Ratio Lower Upper

104 100

78 48.5 40.0 60.0

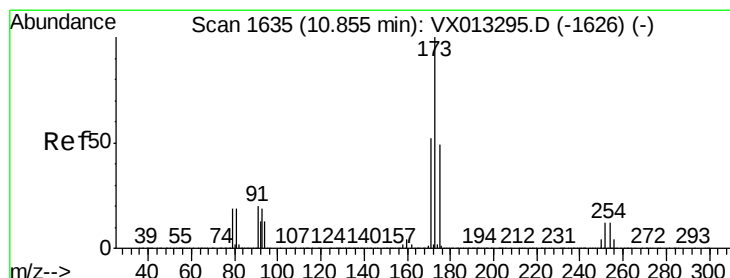
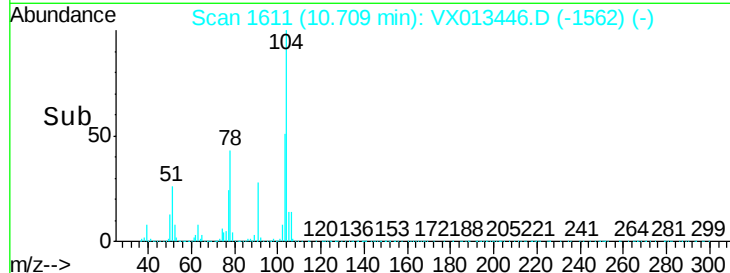
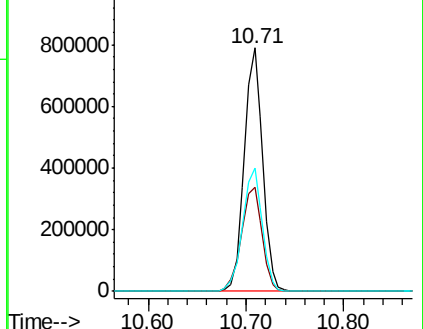
103 54.7 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 46.754 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013446.D

Acq: 15 Nov 2019 15:12

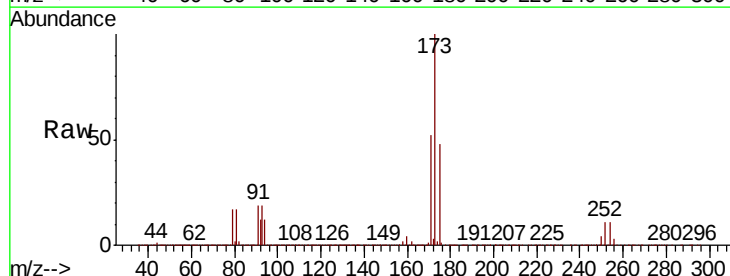
Tgt Ion:173 Resp: 290047

Ion Ratio Lower Upper

173 100

175 48.6 24.8 74.4

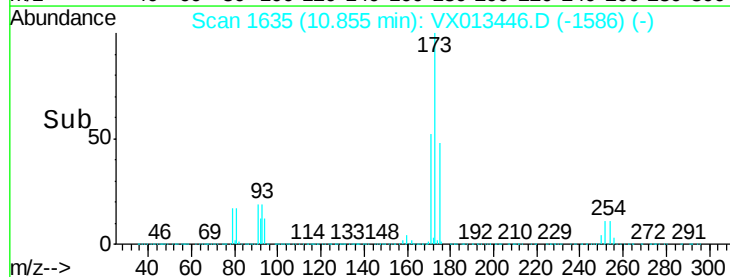
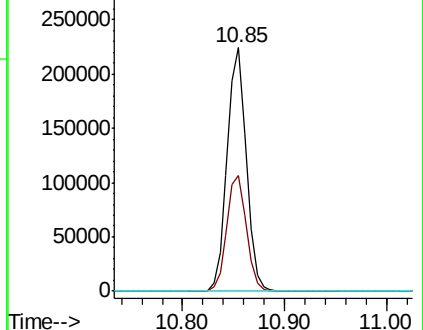
254 0.1 0.2 0.2#

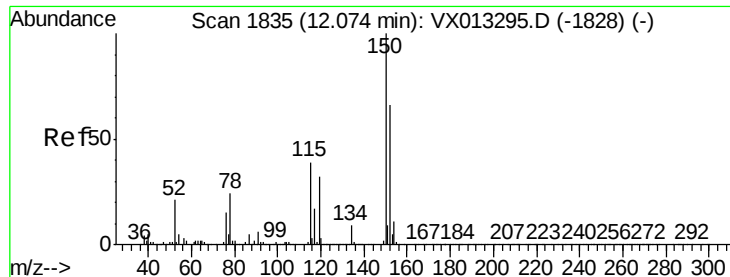


Abundance Ion 172.70 (172.40 to 173.40): V

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: VX013446.D

Acq: 15 Nov 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

S36-0162MSD

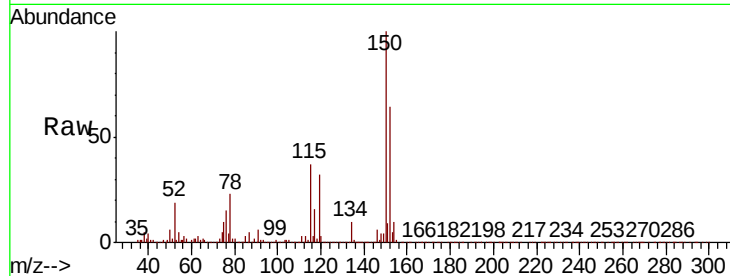
Tot Ion:152 Resp: 446171

Ion Ratio Lower Upper

152 100

115 78.0 39.5 118.3

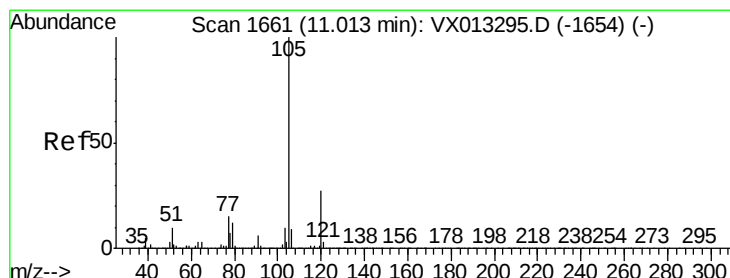
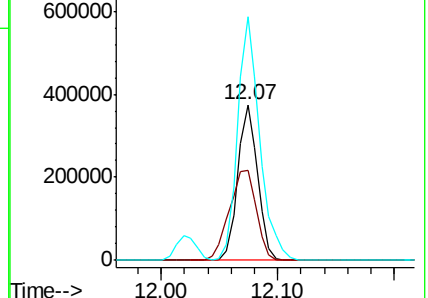
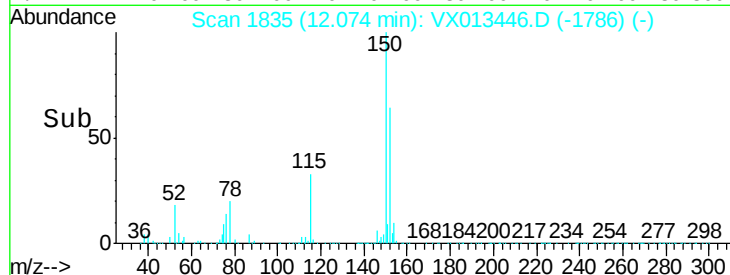
150 172.8 0.0 344.4



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: 53.702 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013446.D

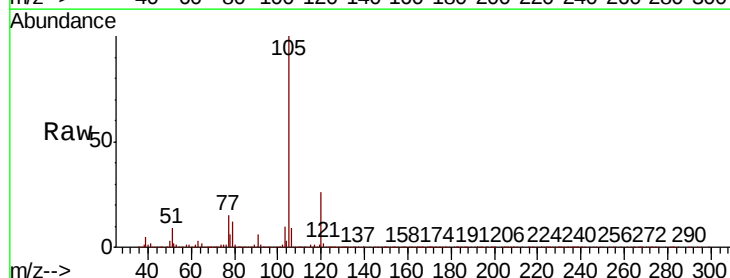
Acq: 15 Nov 2019 15:12

Tgt Ion:105 Resp: 1588601

Ion Ratio Lower Upper

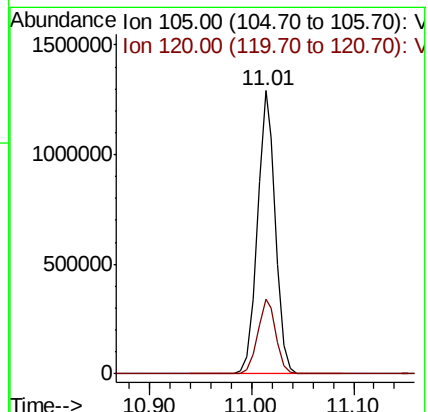
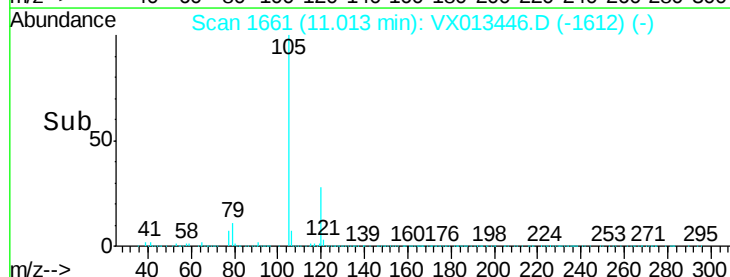
105 100

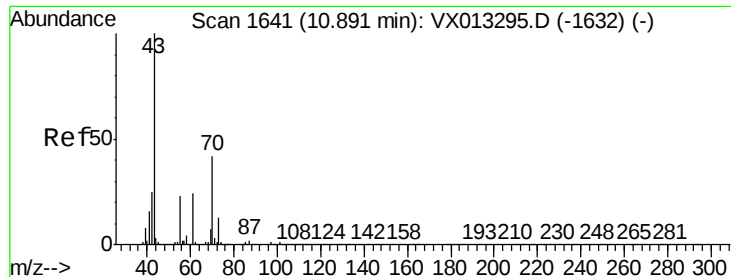
120 26.8 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

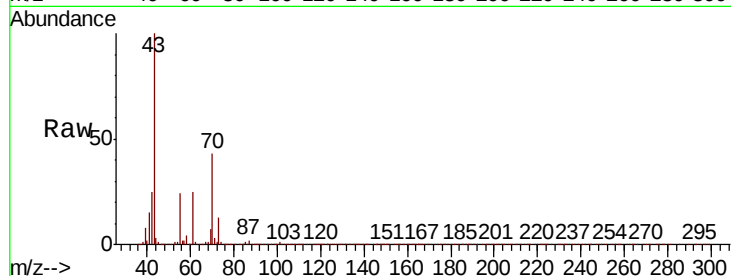




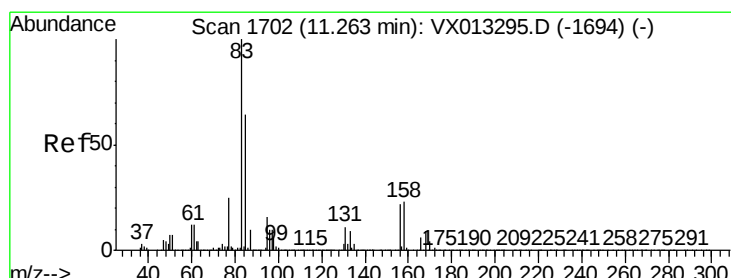
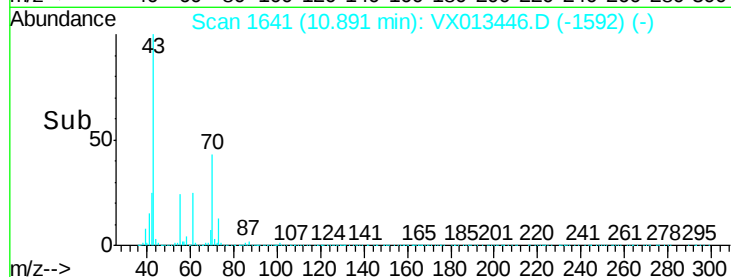
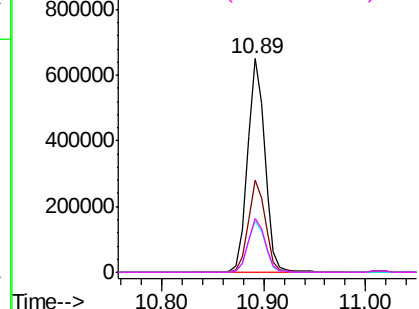
#74
N-amvl acetate
Concen: 54.948 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX013446.D
Acq: 15 Nov 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
S36-0162MSD

Tot Ion:	43	Resp:	753760
Ion	Ratio	Lower	Upper
43	100		
70	43.2	34.1	51.1
55	24.2	18.9	28.3
61	25.1	19.2	28.8

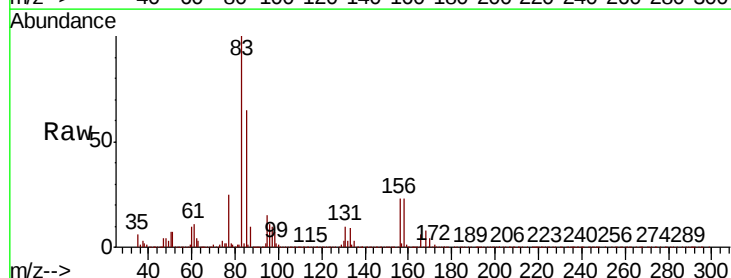


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 70.00 (69.70 to 70.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 61.00 (60.70 to 61.70): VX0

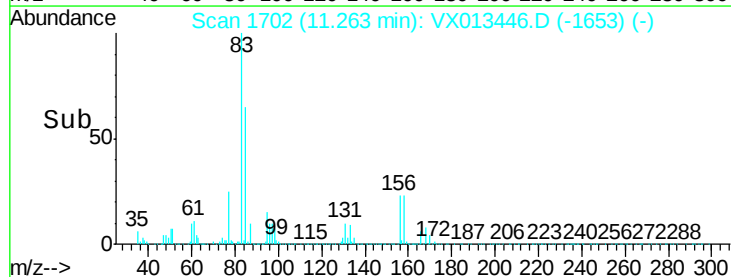
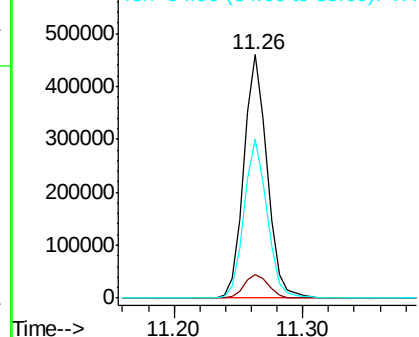


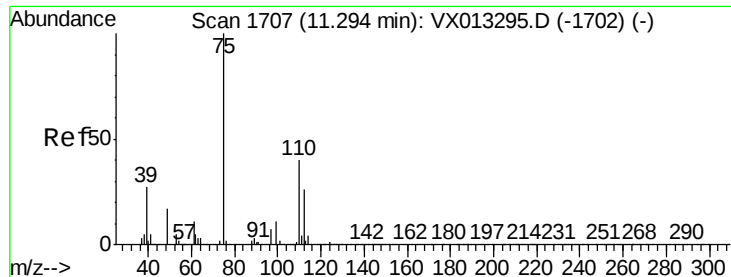
#75
1,1,2,2-Tetrachloroethane
Concen: 53.368 ug/l
RT: 11.26 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VX013446.D
Acq: 15 Nov 2019 15:12

Tgt Ion:	83	Resp:	575937
Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.1	15.3
85	64.6	32.3	96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 72.288 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013446.D

Acq: 15 Nov 2019 15:12

Instrument :

MSVOA_X

ClientSampled :

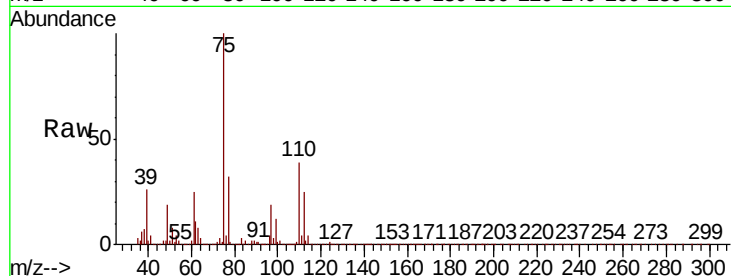
S36-0162MSD

Tot Ion: 75 Resp: 655096

Ion Ratio Lower Upper

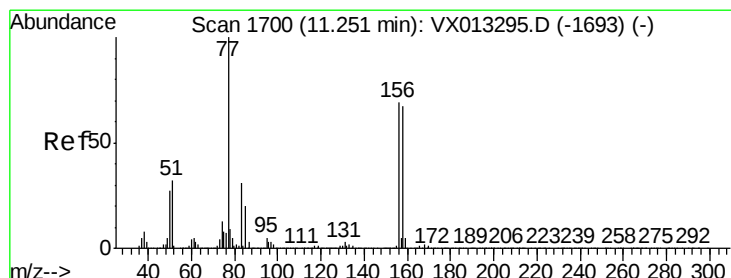
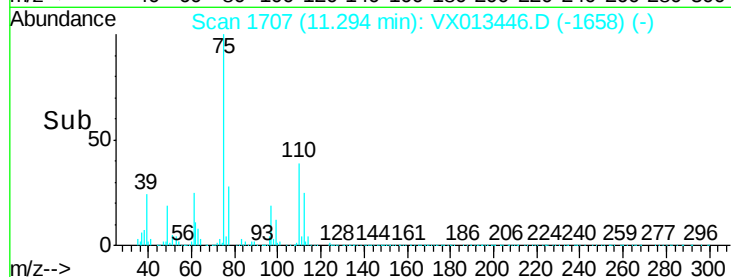
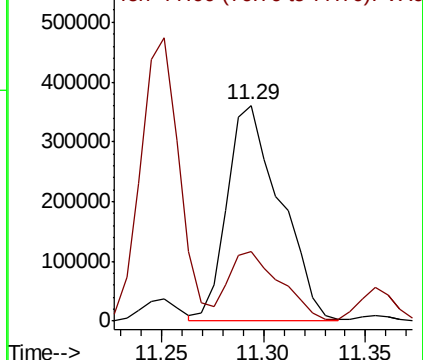
75 100

77 31.0 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 52.794 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013446.D

Acq: 15 Nov 2019 15:12

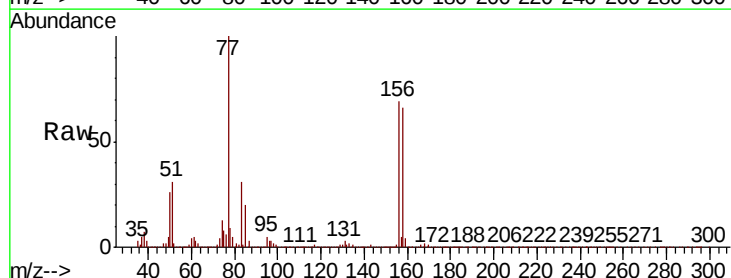
Tgt Ion: 156 Resp: 416344

Ion Ratio Lower Upper

156 100

77 149.3 75.8 227.4

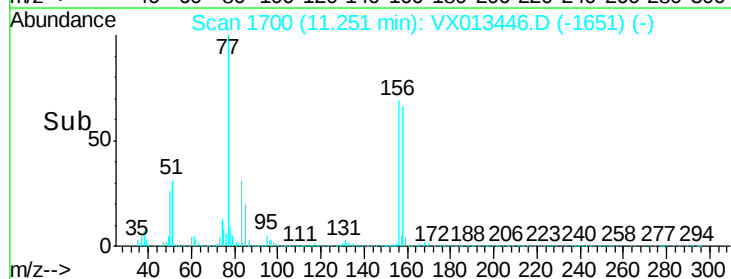
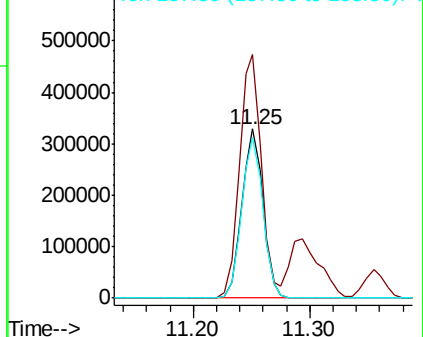
158 96.1 47.6 142.8

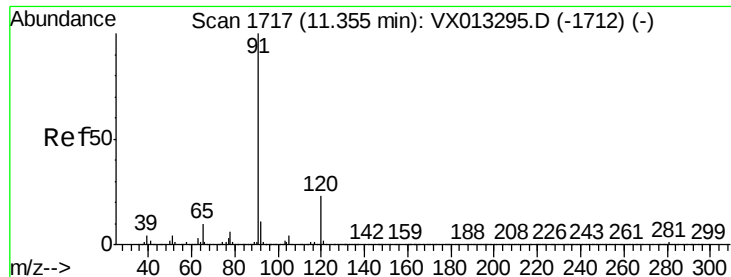


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

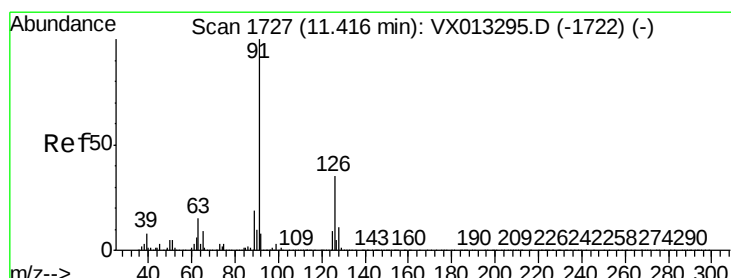
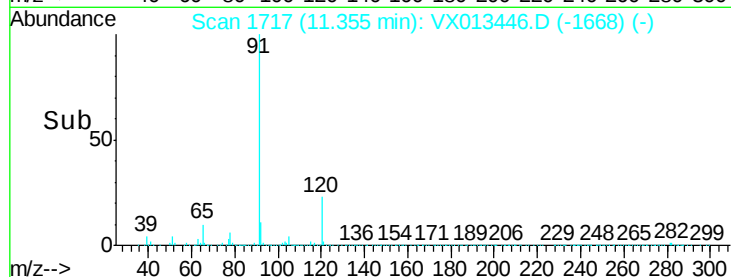
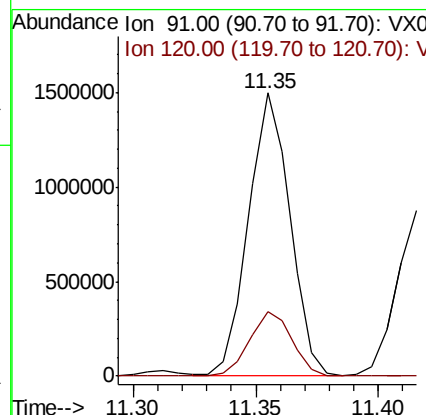
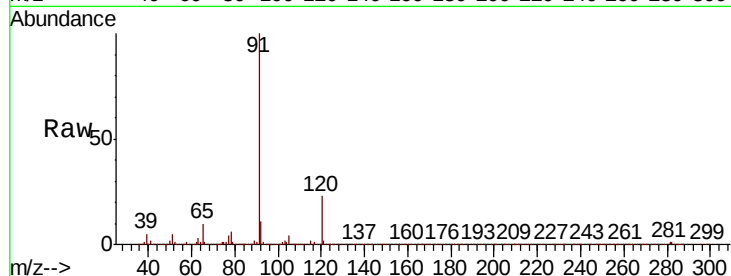




#78
n-propylbenzene
Concen: 53.635 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX013446.D
Acq: 15 Nov 2019 15:12

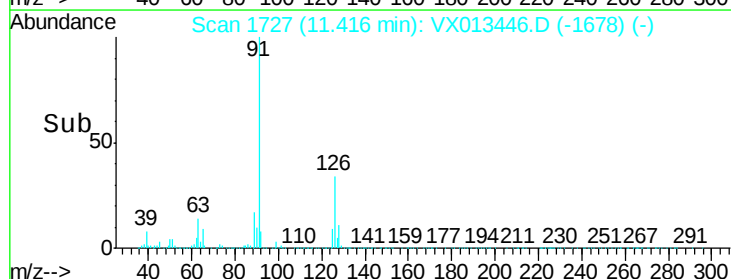
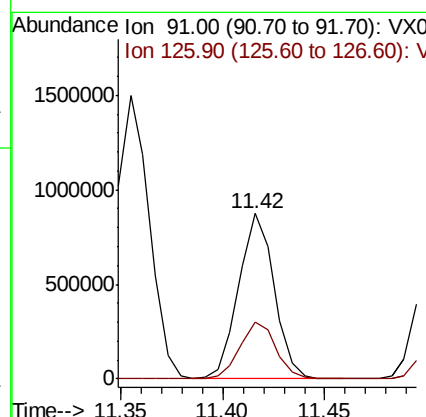
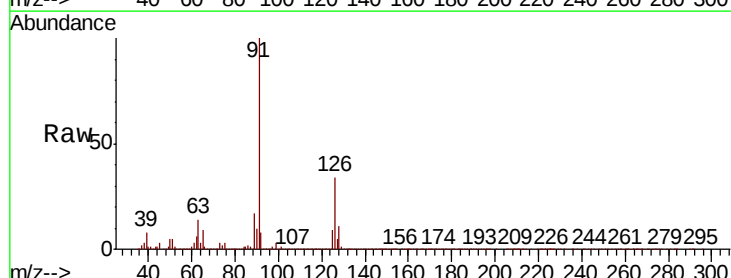
Instrument :
MSVOA_X
ClientSampleId :
S36-0162MSD

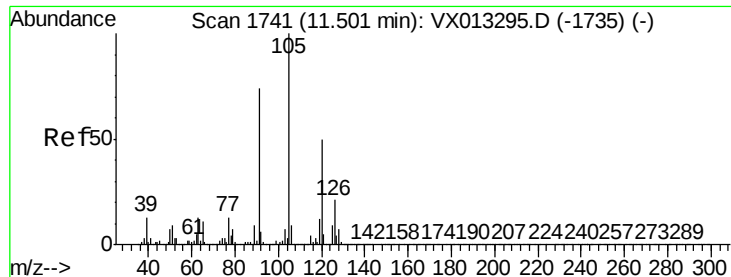
Tot Ion: 91 Resp: 1767405
Ion Ratio Lower Upper
91 100
120 23.4 11.6 34.8



#79
2-Chlorotoluene
Concen: 52.832 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX013446.D
Acq: 15 Nov 2019 15:12

Tgt Ion: 91 Resp: 1048919
Ion Ratio Lower Upper
91 100
126 34.9 17.3 52.0

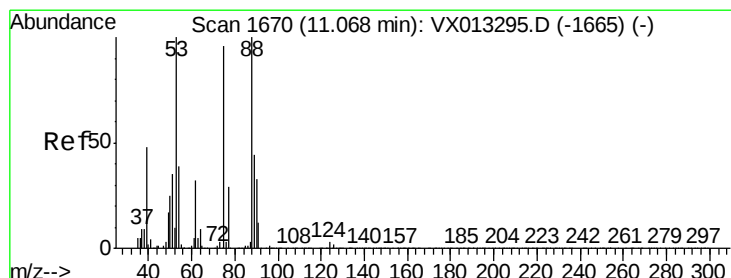
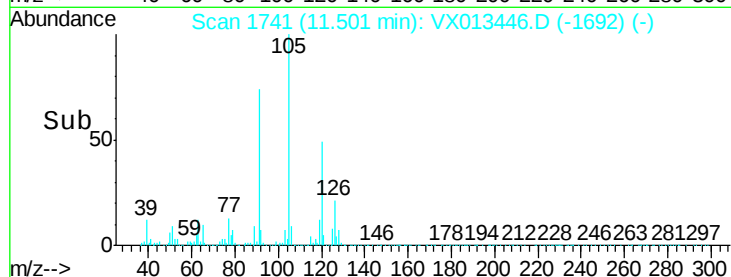
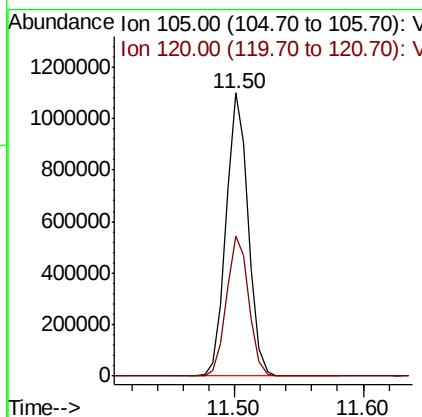
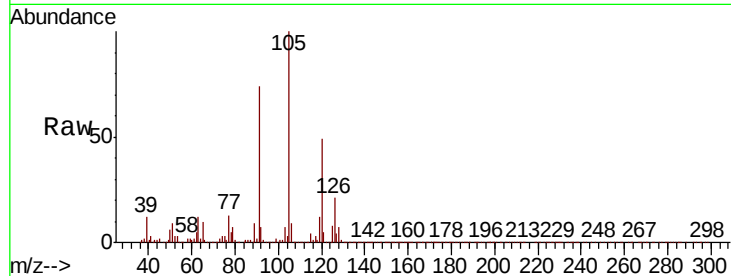




#80
 1,3,5-Trimethylbenzene
 Concen: 53.662 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013446.D
 Acq: 15 Nov 2019 15:12

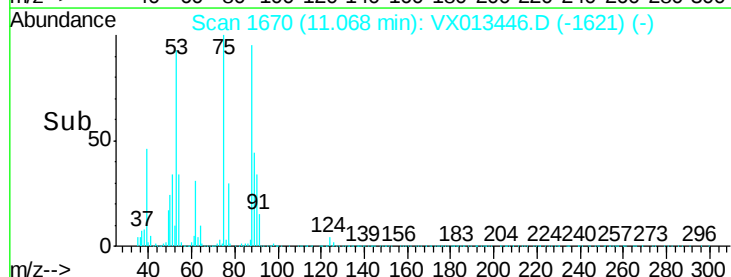
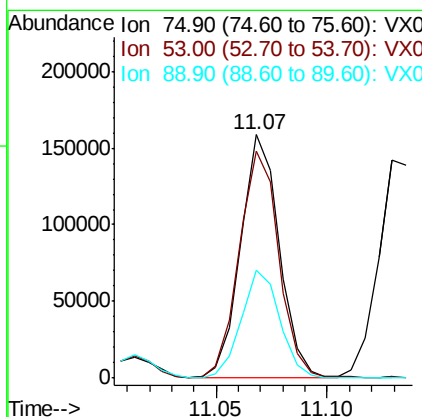
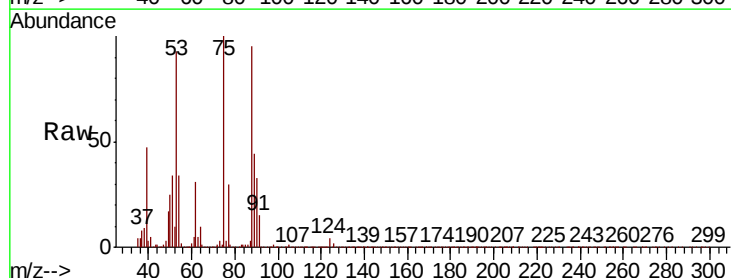
Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0162MSD

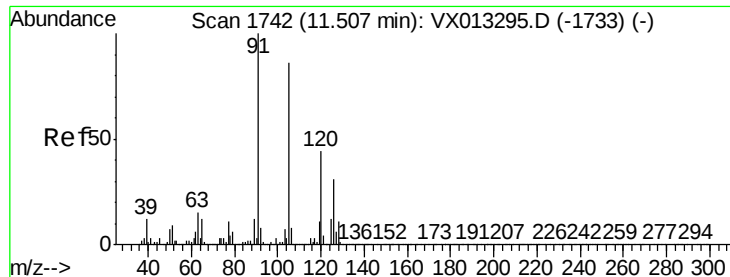
Tot Ion:105 Resp: 1322233
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.9 74.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.386 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: VX013446.D
 Acq: 15 Nov 2019 15:12

Tgt Ion: 75 Resp: 191479
 Ion Ratio Lower Upper
 75 100
 53 95.4 81.0 121.6
 89 45.1 36.0 54.0

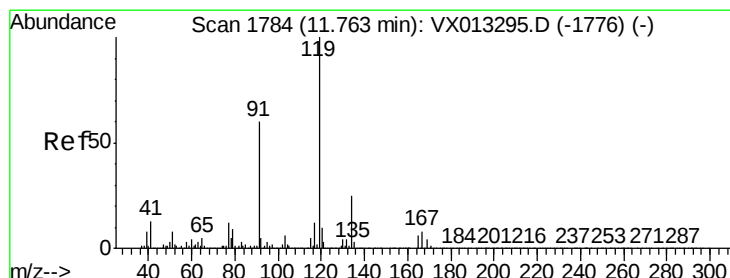
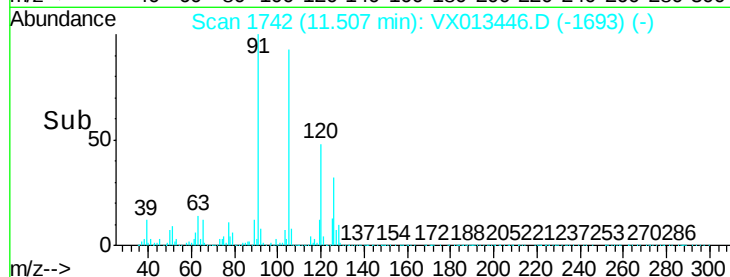
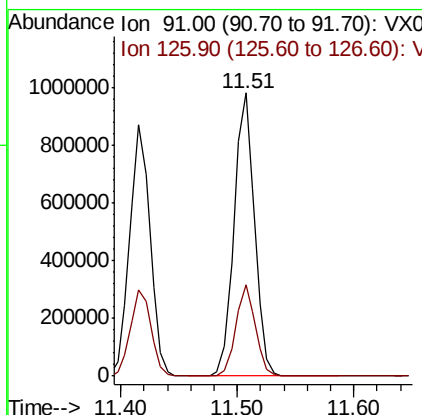
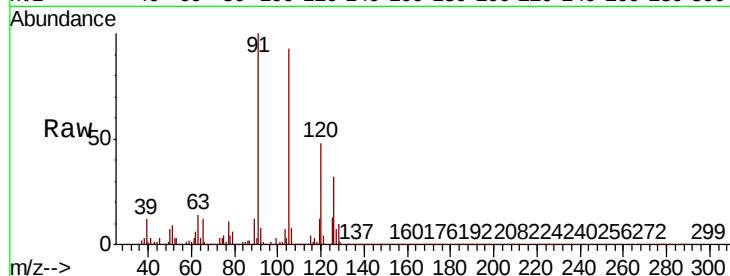




#82
4-Chlorotoluene
Concen: 51.752 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013446.D
Acq: 15 Nov 2019 15:12

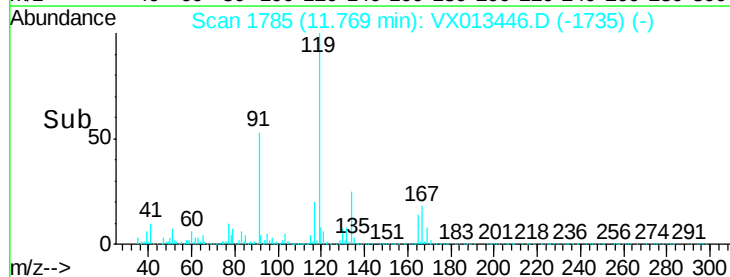
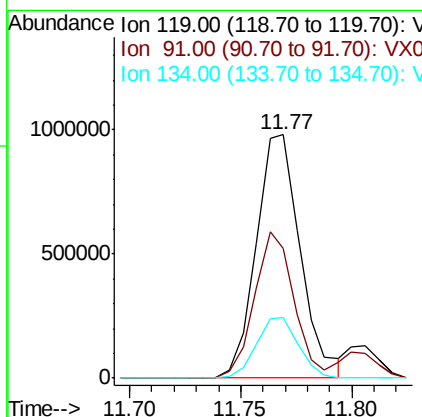
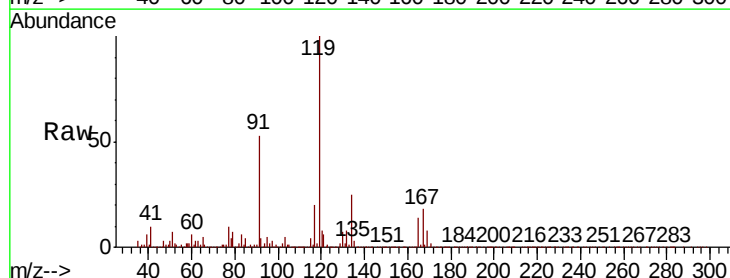
Instrument :
MSVOA_X
ClientSampleId :
S36-0162MSD

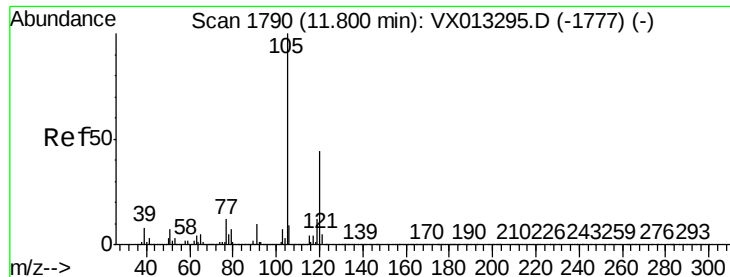
Tot Ion: 91 Resp: 1202739
Ion Ratio Lower Upper
91 100
126 30.7 15.3 45.8



#83
tert-Butylbenzene
Concen: 54.599 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX013446.D
Acq: 15 Nov 2019 15:12

Tgt Ion: 119 Resp: 1354265
Ion Ratio Lower Upper
119 100
91 53.6 26.9 80.7
134 23.7 11.7 35.1

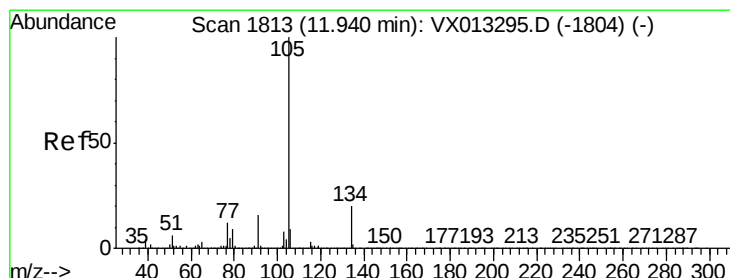
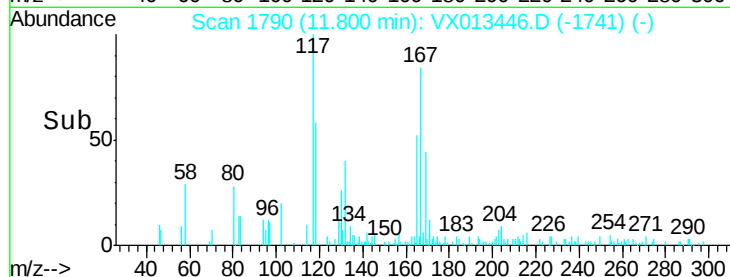
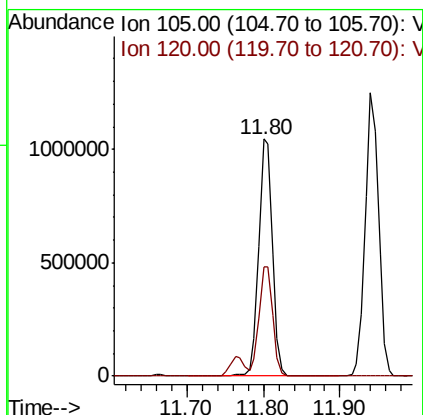
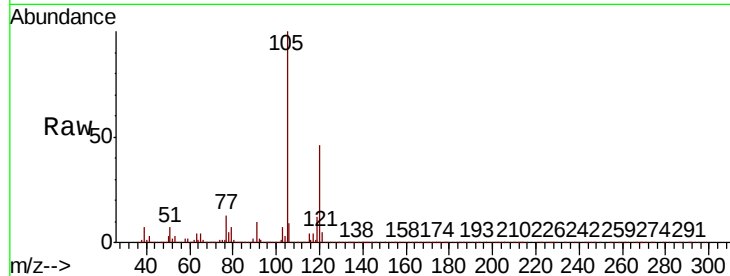




#84
 1,2,4-Trimethylbenzene
 Concen: 53.282 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX013446.D
 Acq: 15 Nov 2019 15:12

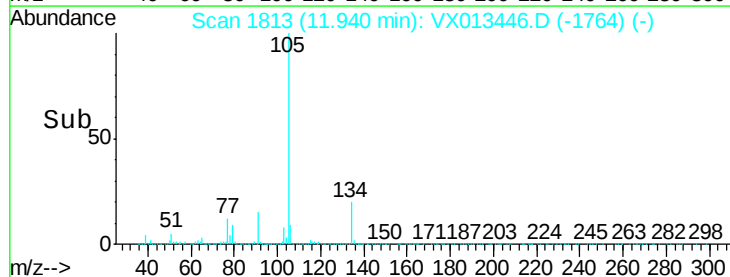
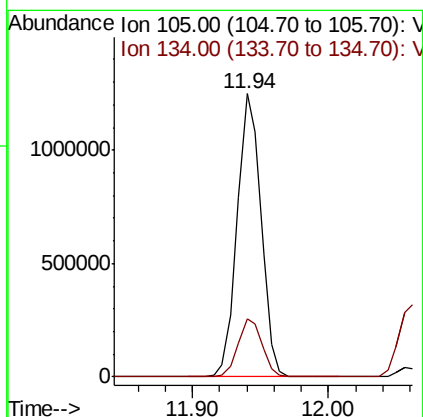
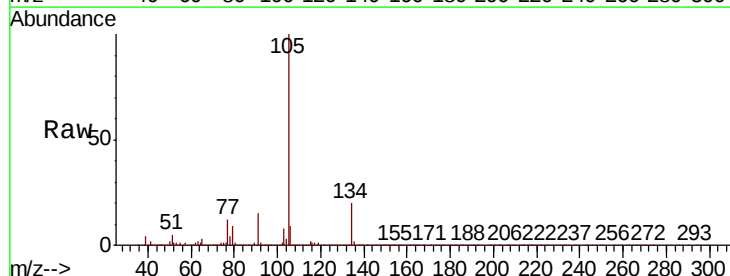
Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0162MSD

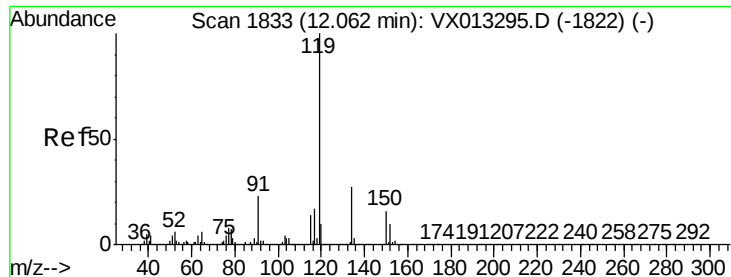
Tot Ion:105 Resp: 1316998
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.7 68.1



#85
 sec-Butylbenzene
 Concen: 53.512 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013446.D
 Acq: 15 Nov 2019 15:12

Tgt Ion:105 Resp: 1525445
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.3 30.9





#86

p-Isopropyltoluene

Concen: 53.333 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013446.D

Acq: 15 Nov 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

S36-0162MSD

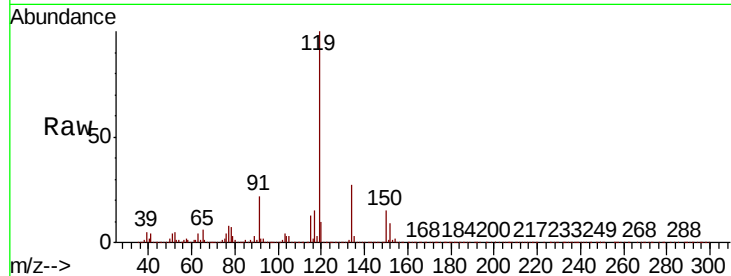
Tot Ion:119 Resp: 1399977

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

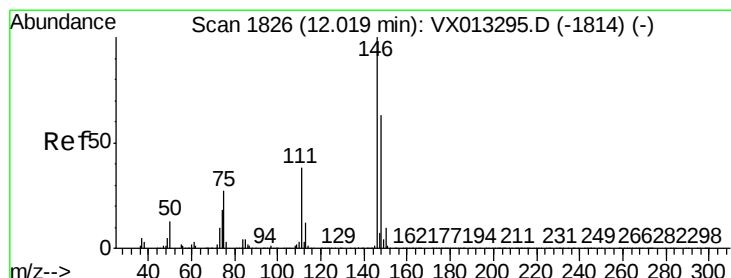
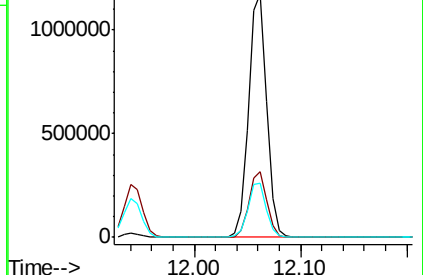
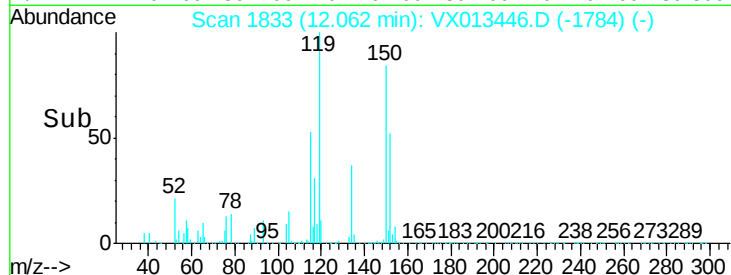
91 22.4 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 50.886 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX013446.D

Acq: 15 Nov 2019 15:12

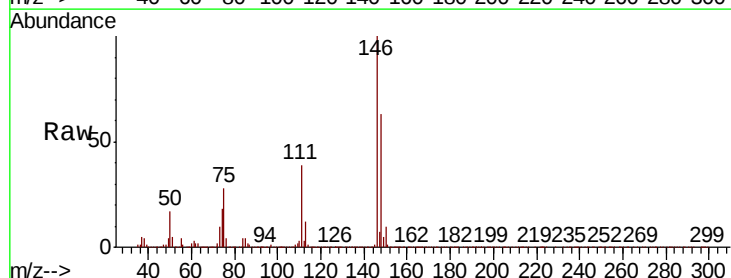
Tgt Ion:146 Resp: 715307

Ion Ratio Lower Upper

146 100

111 38.2 18.9 56.5

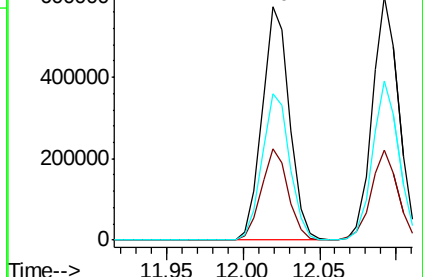
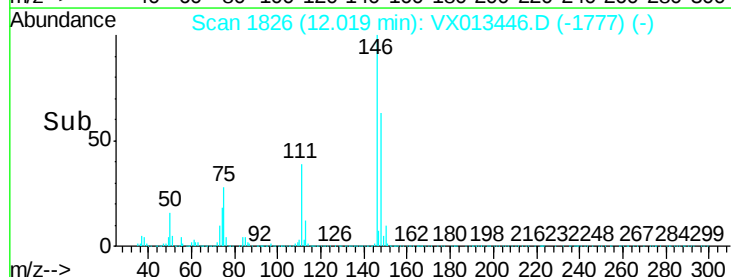
148 64.0 31.9 95.7

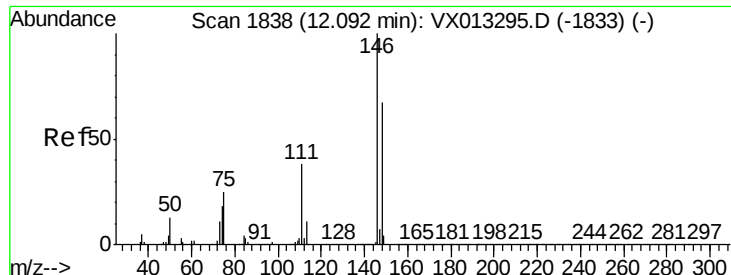


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

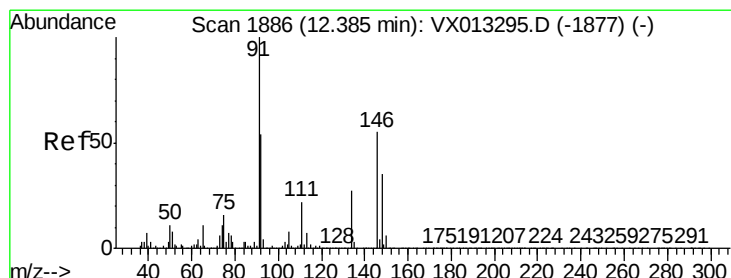
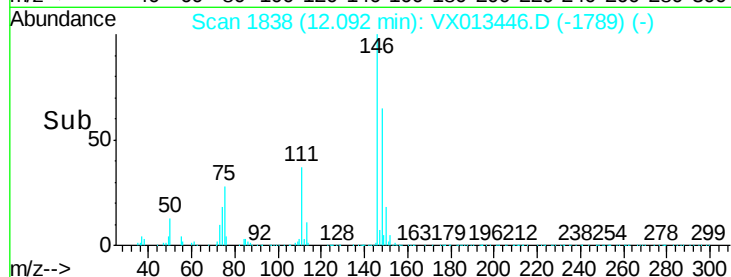
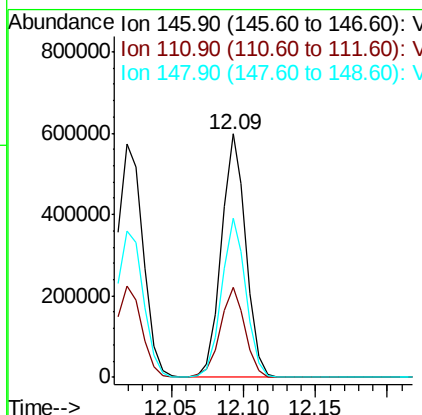
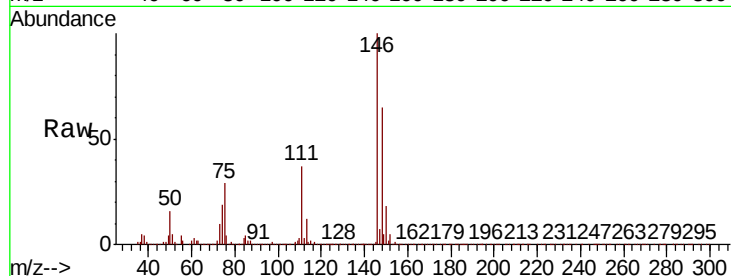




#88
 1,4-Dichlorobenzene
 Concen: 49.925 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013446.D
 Acq: 15 Nov 2019 15:12

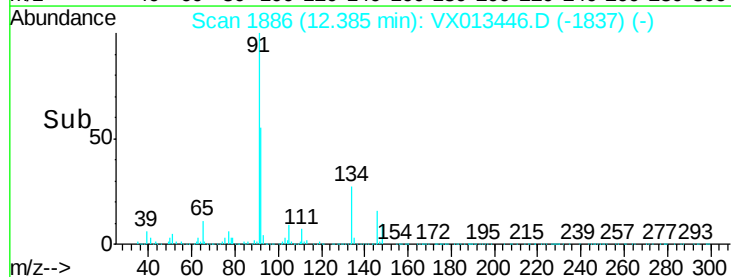
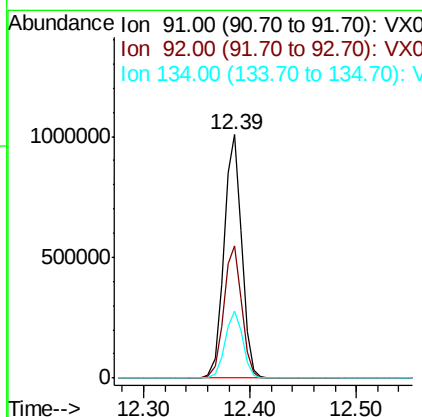
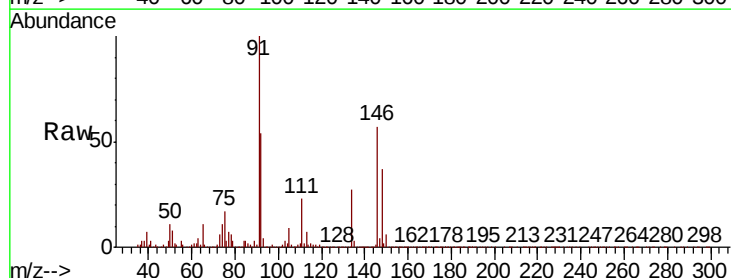
Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0162MSD

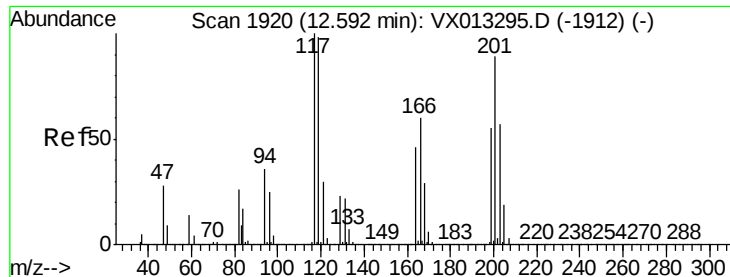
Tot Ion:146 Resp: 715033
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.8 56.4
 148 64.9 32.4 97.0



#89
 n-Butylbenzene
 Concen: 51.006 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013446.D
 Acq: 15 Nov 2019 15:12

Tgt Ion: 91 Resp: 1168286
 Ion Ratio Lower Upper
 91 100
 92 54.8 27.3 81.8
 134 27.3 13.5 40.5

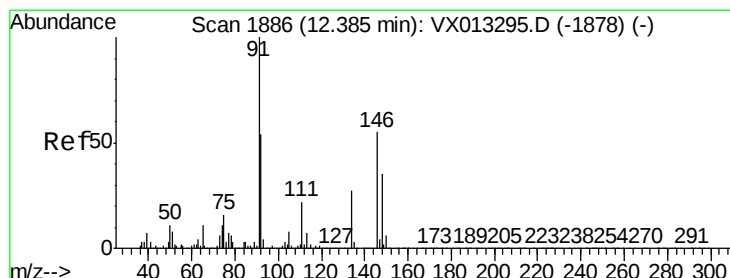
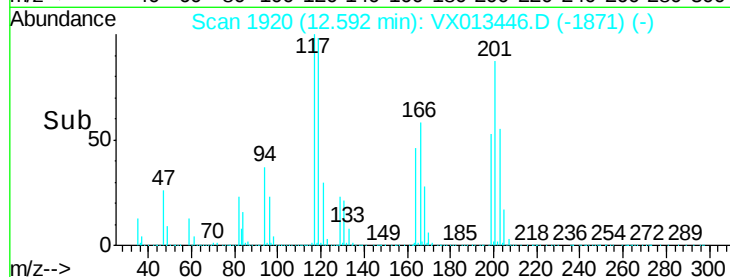
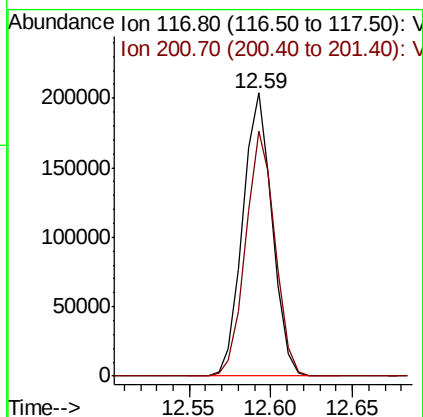
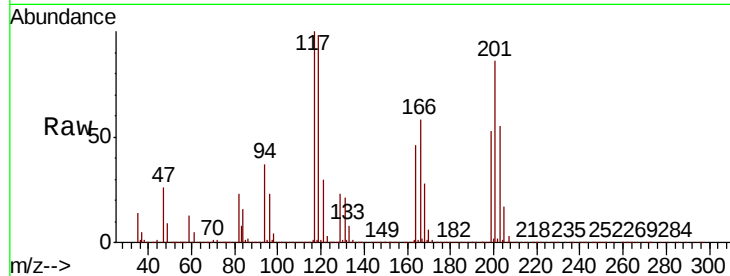




#90
Hexachloroethane
Concen: 54.755 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013446.D
Acq: 15 Nov 2019 15:12

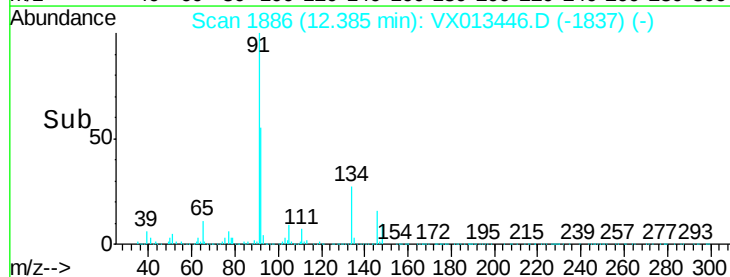
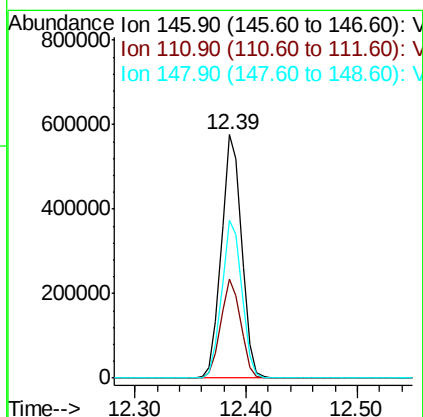
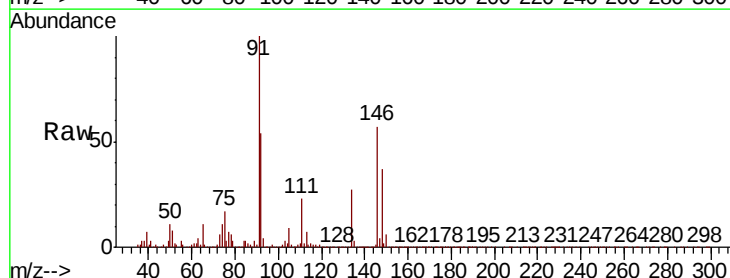
Instrument :
MSVOA_X
ClientSampled :
S36-0162MSD

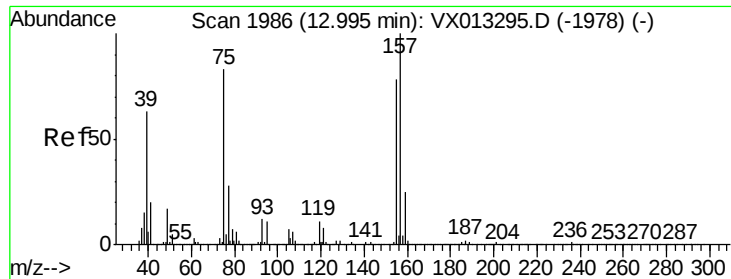
Tot Ion:117 Resp: 256085
Ion Ratio Lower Upper
117 100
201 86.4 43.9 131.7



#91
1,2-Dichlorobenzene
Concen: 51.576 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013446.D
Acq: 15 Nov 2019 15:12

Tgt Ion:146 Resp: 724718
Ion Ratio Lower Upper
146 100
111 40.0 20.1 60.2
148 64.5 32.0 96.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 47.239 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013446.D

Acq: 15 Nov 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

S36-0162MSD

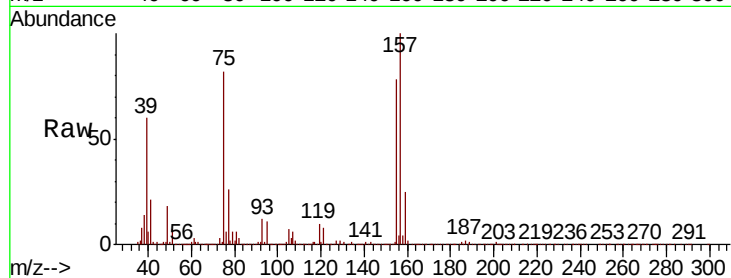
Tot Ion: 75 Resp: 124202

Ion Ratio Lower Upper

75 100

155 97.7 47.1 141.4

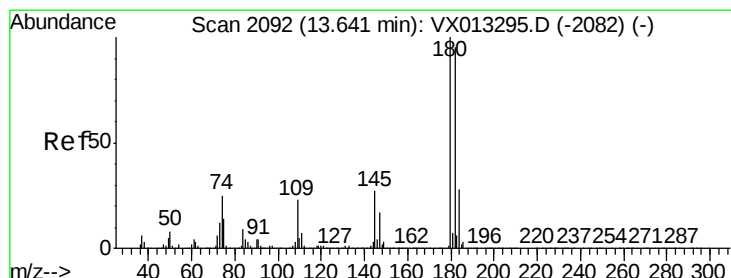
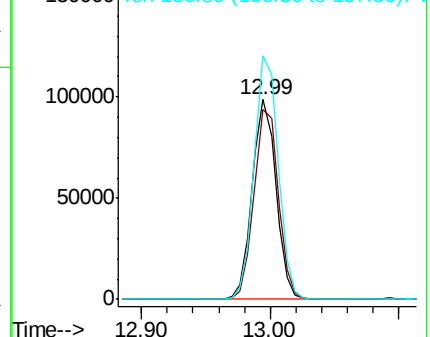
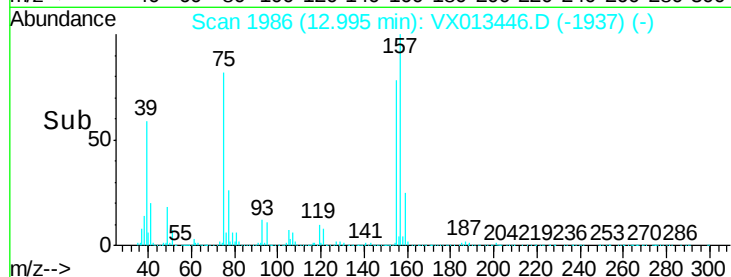
157 124.1 61.3 183.8



Abundance Ion 74.90 (74.60 to 75.60): VX013446.D (-1937) (-)

Ion 154.80 (154.50 to 155.50): VX013446.D (-1937) (-)

Ion 156.80 (156.50 to 157.50): VX013446.D (-1937) (-)



#93

1,2,4-Trichlorobenzene

Concen: 49.259 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX013446.D

Acq: 15 Nov 2019 15:12

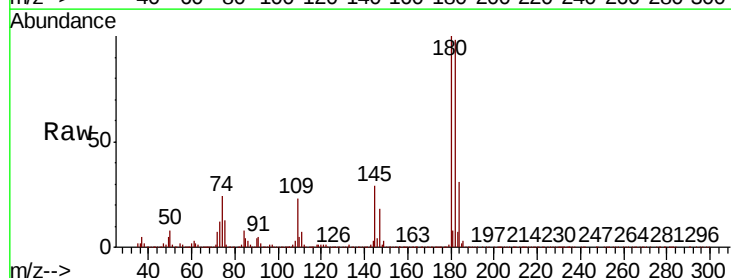
Tgt Ion: 180 Resp: 482810

Ion Ratio Lower Upper

180 100

182 95.0 48.4 145.0

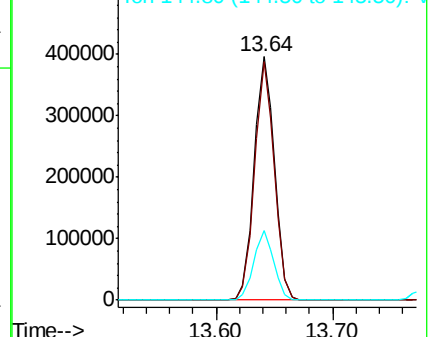
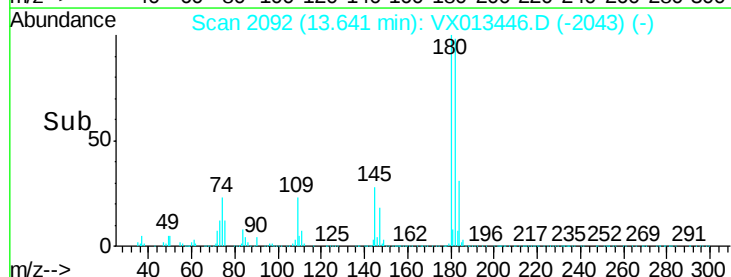
145 28.0 14.1 42.4

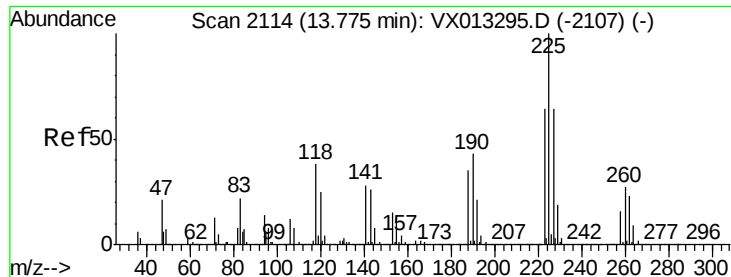


Abundance Ion 179.80 (179.50 to 180.50): VX013446.D (-2043) (-)

Ion 181.80 (181.50 to 182.50): VX013446.D (-2043) (-)

Ion 144.80 (144.50 to 145.50): VX013446.D (-2043) (-)





#94

Hexachlorobutadiene

Concen: 47.762 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VX013446.D

Acq: 15 Nov 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

S36-0162MSD

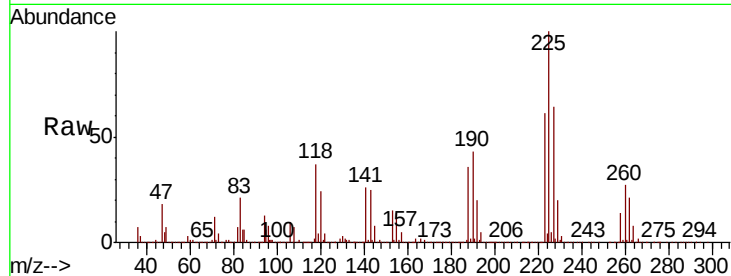
Tot Ion:225 Resp: 229031

Ion Ratio Lower Upper

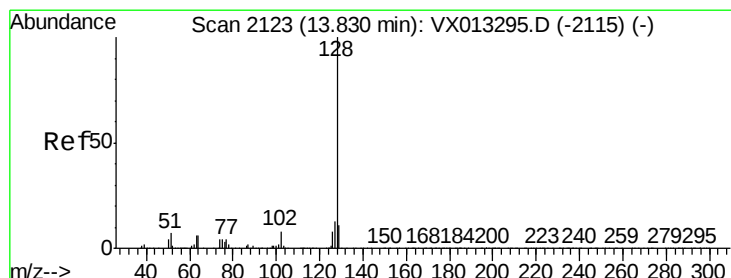
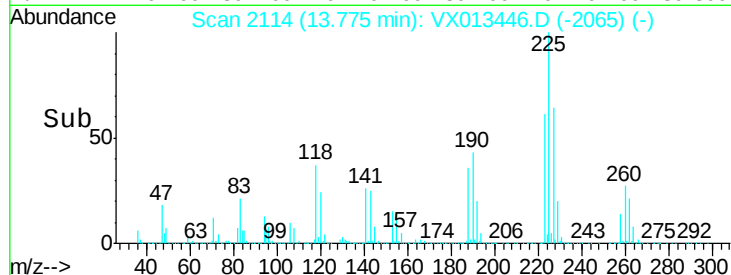
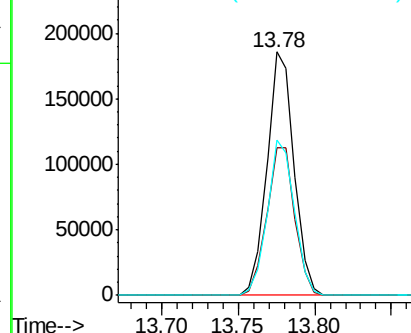
225 100

223 63.3 31.9 95.7

227 63.9 31.9 95.9



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: 50.413 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013446.D

Acq: 15 Nov 2019 15:12

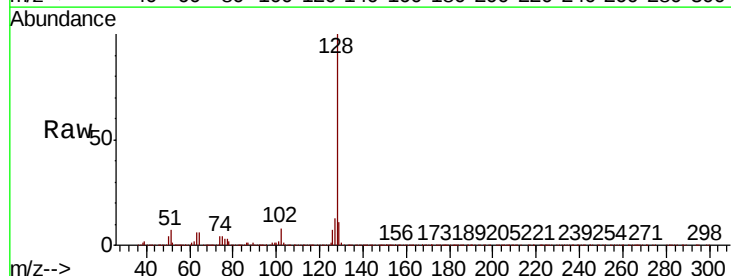
Tgt Ion:128 Resp: 1550327

Ion Ratio Lower Upper

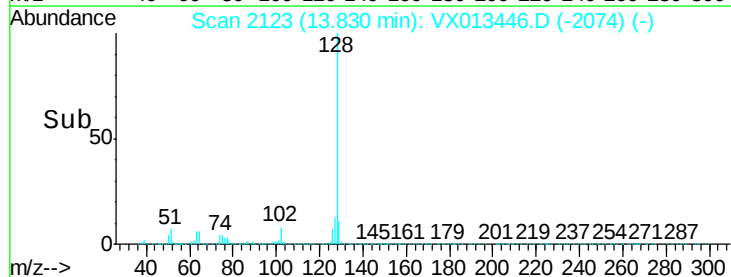
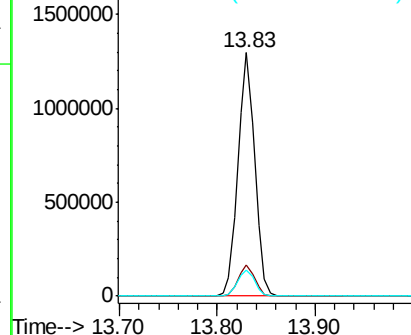
128 100

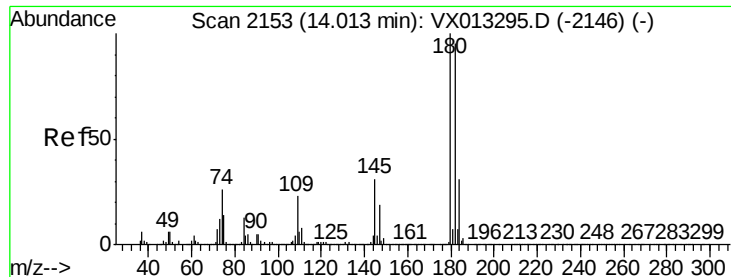
127 12.7 10.2 15.2

129 11.0 8.5 12.7



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: 50.128 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX013446.D
 Acq: 15 Nov 2019 15:12

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0162MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	48.0	144.2
145	30.0	15.4	46.4

