

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012514.D
 Acq On : 19 Sep 2019 07:44
 Operator : JC/SP
 Sample : K4858-08MSD 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MSD

Quant Time: Sep 19 08:44:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	168349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	303019	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	266105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122810	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	133854	55.48	ug/l	0.00
Spiked Amount			Recovery	=	110.96%	
35) Dibromofluoromethane	5.49	113	97590	53.21	ug/l	0.00
Spiked Amount			Recovery	=	106.42%	
50) Toluene-d8	8.71	98	323915	47.71	ug/l	0.00
Spiked Amount			Recovery	=	95.42%	
62) 4-Bromofluorobenzene	11.13	95	130289	46.22	ug/l	0.00
Spiked Amount			Recovery	=	92.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	47170	42.059	ug/l	97
3) Chloromethane	1.32	50	50320	54.369	ug/l	99
4) Vinyl Chloride	1.40	62	53330	53.312	ug/l	100
5) Bromomethane	1.63	94	18304	46.574	ug/l	96
6) Chloroethane	1.71	64	38310	48.940	ug/l	96
7) Trichlorofluoromethane	1.92	101	83873	45.738	ug/l	99
8) Diethyl Ether	2.18	74	47025	56.775	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	49957	37.653	ug/l	99
10) Methyl Iodide	2.50	142	58079	50.920	ug/l	96
11) Tert butyl alcohol	3.03	59	156568	256.030	ug/l	99
12) 1,1-Dichloroethene	2.36	96	55547	52.481	ug/l	97
13) Acrolein	2.28	56	57503	271.558	ug/l	100
14) Allyl chloride	2.72	41	129196	52.430	ug/l	100
15) Acrylonitrile	3.13	53	293858	281.056	ug/l	99
16) Acetone	2.43	43	269433	244.209	ug/l	100
17) Carbon Disulfide	2.56	76	66189	44.427	ug/l	99
18) Methyl Acetate	2.76	43	140665	55.948	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	331468	57.438	ug/l	99
20) Methylene Chloride	2.84	84	81691	55.945	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	59485	54.122	ug/l	99
22) Diisopropyl ether	3.84	45	329633	57.132	ug/l	99
23) Vinyl Acetate	3.80	43	1391058	293.093	ug/l	99
24) 1,1-Dichloroethane	3.69	63	157568	57.079	ug/l	98
25) 2-Butanone	4.65	43	426571	254.874	ug/l	99
26) 2,2-Dichloropropane	4.58	77	86525	31.870	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	92634	56.420	ug/l	92
28) Bromochloromethane	5.00	49	81338	57.153	ug/l	96
29) Tetrahydrofuran	5.11	42	260931	282.212	ug/l	99
30) Chloroform	5.20	83	174491	55.038	ug/l	99
31) Cyclohexane	5.57	56	59278	35.572	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	134132	50.620	ug/l	100
36) 1,1-Dichloropropene	5.79	75	77927	42.315	ug/l	96
37) Ethyl Acetate	4.82	43	156692	55.430	ug/l	99
38) Carbon Tetrachloride	5.78	117	98293	42.914	ug/l	93

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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	54148	30.245	ug/l	95
40) Benzene	6.13	78	302742	51.696	ug/l	97
41) Methacrylonitrile	5.03	41	93384	51.304	ug/l	97
42) 1,2-Dichloroethane	6.18	62	143085	52.679	ug/l	99
43) Isopropyl Acetate	6.43	43	265980	52.423	ug/l	99
44) Trichloroethene	7.20	130	502766	326.366	ug/l	96
45) 1,2-Dichloropropane	7.51	63	94355	52.443	ug/l	100
46) Dibromomethane	7.65	93	63750	54.754	ug/l	99
47) Bromodichloromethane	7.89	83	139127	53.667	ug/l	98
48) Methyl methacrylate	7.76	41	125210	52.352	ug/l	98
49) 1,4-Dioxane	7.73	88	56262	966.543	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	861095	258.798	ug/l	99
52) Toluene	8.78	92	184493	48.891	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	135312	50.212	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	140409	50.328	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	103312	53.141	ug/l	98
56) Ethyl methacrylate	9.17	69	166116	54.650	ug/l	98
57) 1,3-Dichloropropane	9.37	76	166852	53.791	ug/l	100
59) 2-Hexanone	9.49	43	656328	252.839	ug/l	99
60) Dibromochloromethane	9.58	129	111638	56.374	ug/l	99
61) 1,2-Dibromoethane	9.67	107	97326	54.814	ug/l	97
64) Tetrachloroethene	9.33	164	55690	45.670	ug/l	96
65) Chlorobenzene	10.14	112	219342	49.941	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	98849	54.229	ug/l	100
67) Ethyl Benzene	10.25	91	344683	45.679	ug/l	98
68) m/p-Xylenes	10.36	106	254583	92.726	ug/l	99
69) o-Xylene	10.70	106	138698	49.122	ug/l	100
70) Stvrene	10.71	104	251106	50.264	ug/l	99
71) Bromoform	10.85	173	78448	49.985	ug/l #	100
73) Isopropylbenzene	11.01	105	339094	44.006	ug/l	99
74) N-amyl acetate	10.89	43	235003	56.647	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	173236	57.311	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	188249	66.730	ug/l	87
77) Bromobenzene	11.25	156	99624	53.012	ug/l	99
78) n-propylbenzene	11.35	91	360869	42.019	ug/l	99
79) 2-Chlorotoluene	11.42	91	261599	46.822	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	293879	44.719	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	44118	43.372	ug/l	98
82) 4-Chlorotoluene	11.51	91	299216	46.663	ug/l	99
83) tert-Butylbenzene	11.77	119	305090	43.325	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	311304	46.136	ug/l	99
85) sec-Butylbenzene	11.94	105	303232	39.079	ug/l	100
86) p-Isopropyltoluene	12.06	119	287316	40.324	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	172009	48.658	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	176255	48.539	ug/l	99
89) n-Butylbenzene	12.39	91	228320	35.914	ug/l	100
90) Hexachloroethane	12.59	117	54889	42.013	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	191168	51.740	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45707	58.325	ug/l	97
93) 1,2,4-Trichlorobenzene	13.64	180	117991	49.579	ug/l	99

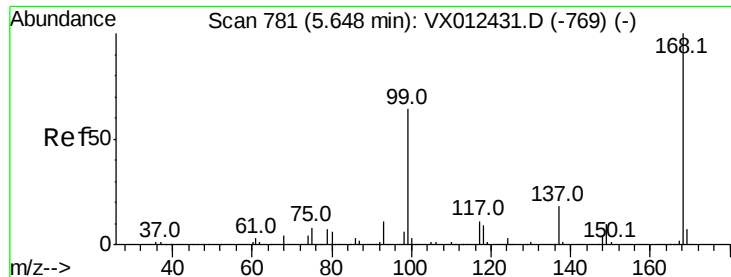
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091819\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	37888	33.778	ug/l	98
95) Naphthalene	13.83	128	481330	56.841	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	125598	51.790	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

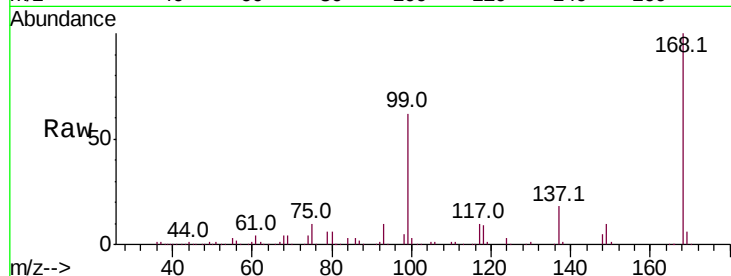
RE122D2-20190909MSD

Tot Ion:168 Resp: 168349

Ion Ratio Lower Upper

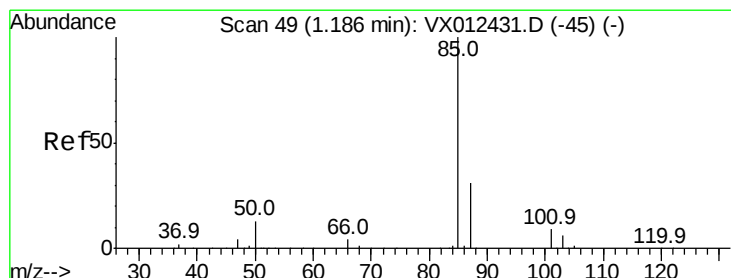
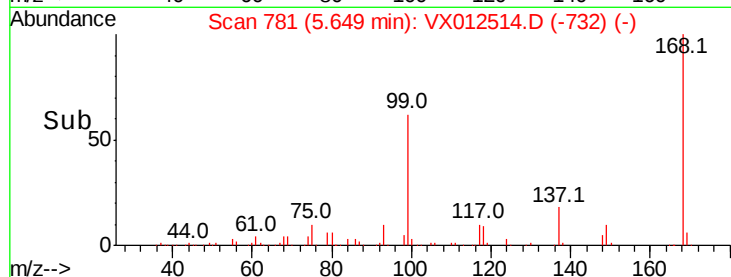
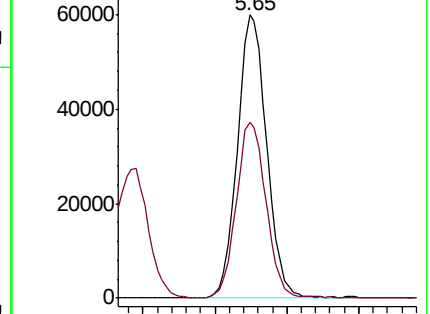
168 100

99 61.7 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 42.059 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012514.D

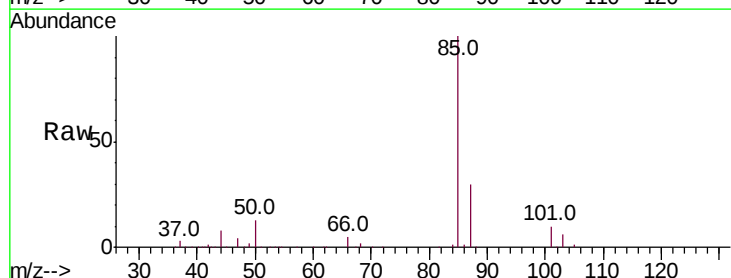
Acq: 19 Sep 2019 07:44

Tgt Ion: 85 Resp: 47170

Ion Ratio Lower Upper

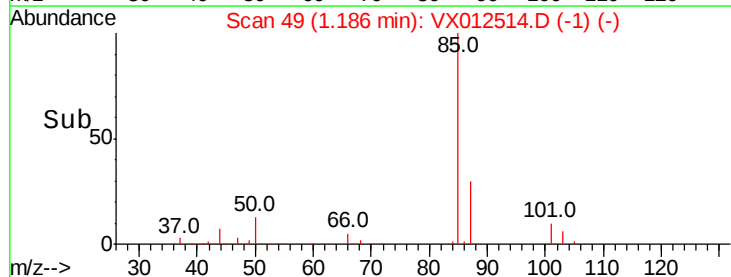
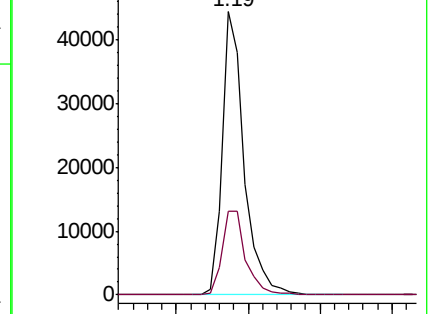
85 100

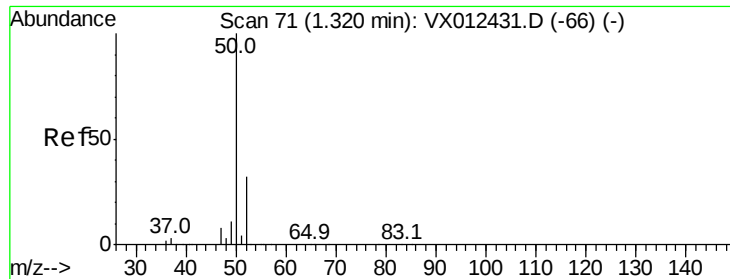
87 29.7 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 54.369 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

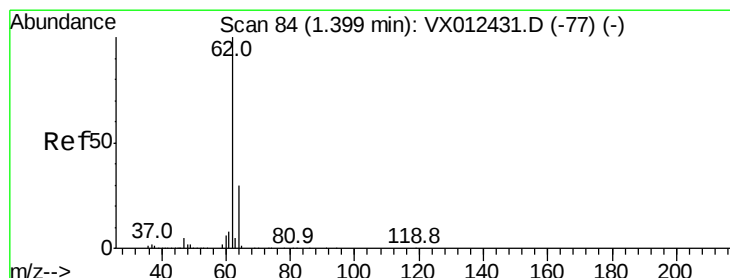
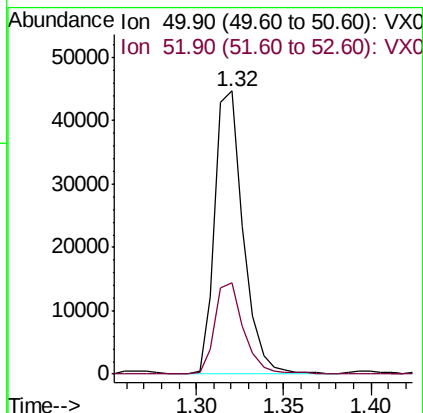
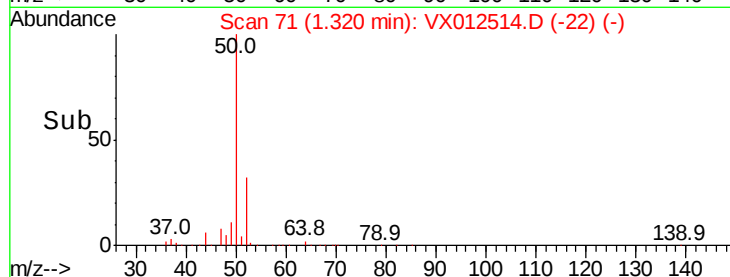
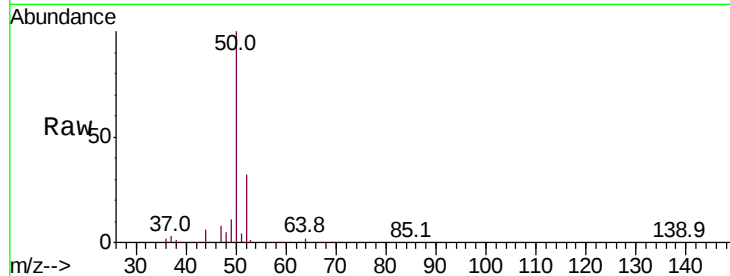
RE122D2-20190909MSD

Tot Ion: 50 Resp: 50320

Ion Ratio Lower Upper

50 100

52 32.5 25.7 38.5



#4

Vinyl Chloride

Concen: 53.312 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012514.D

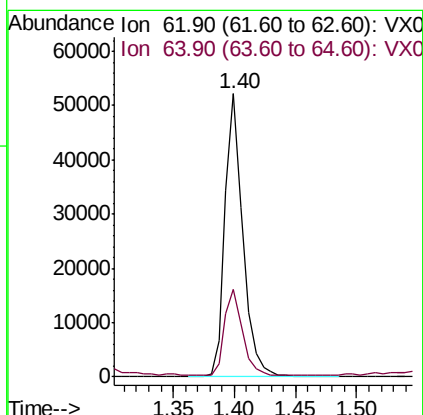
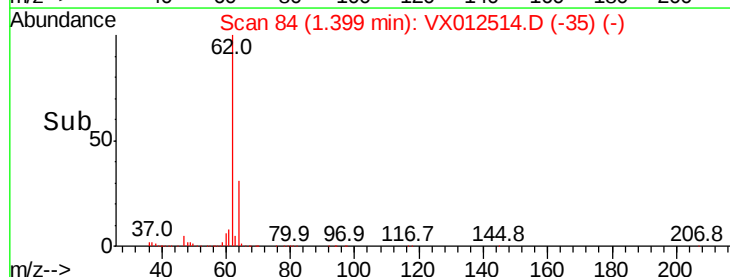
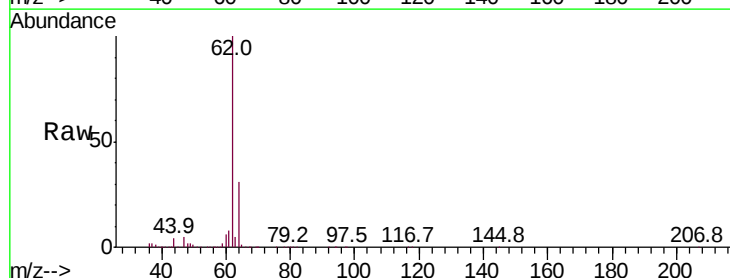
Acq: 19 Sep 2019 07:44

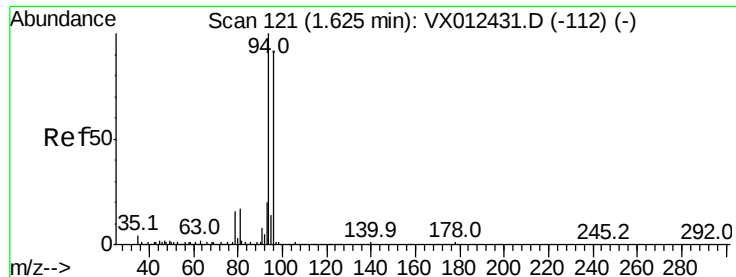
Tgt Ion: 62 Resp: 53330

Ion Ratio Lower Upper

62 100

64 30.2 24.2 36.2





#5

Bromomethane

Concen: 46.574 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

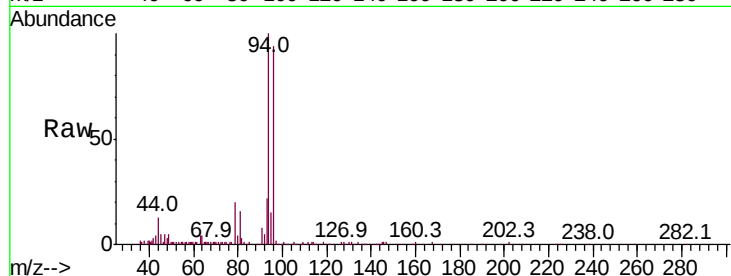
RE122D2-20190909MSD

Tot Ion: 94 Resp: 18304

Ion Ratio Lower Upper

94 100

96 94.8 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

20000

15000

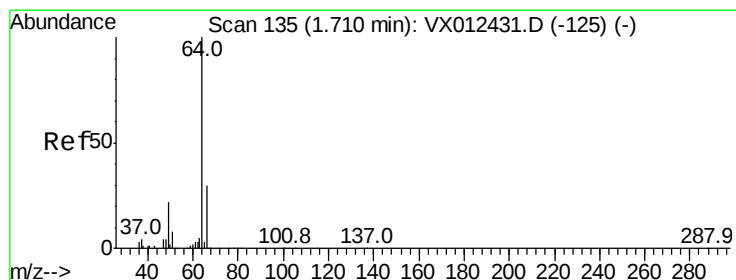
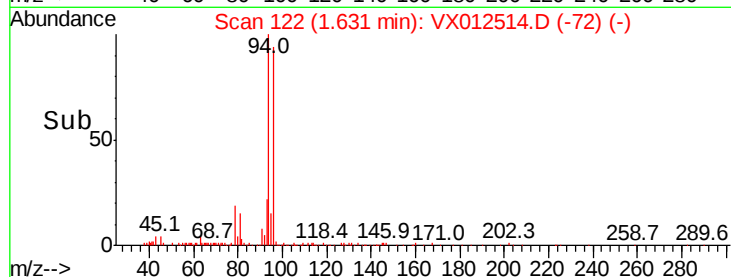
10000

5000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 48.940 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012514.D

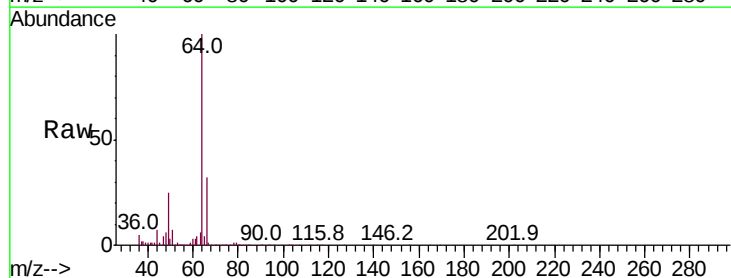
Acq: 19 Sep 2019 07:44

Tgt Ion: 64 Resp: 38310

Ion Ratio Lower Upper

64 100

66 32.2 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

30000

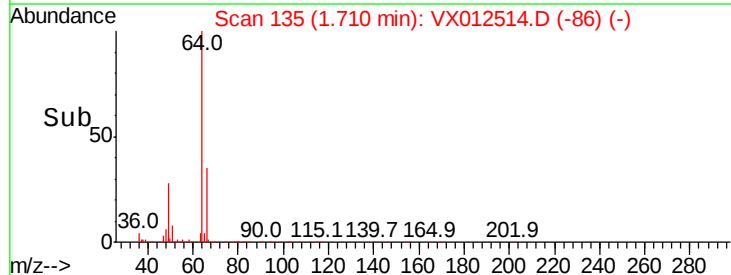
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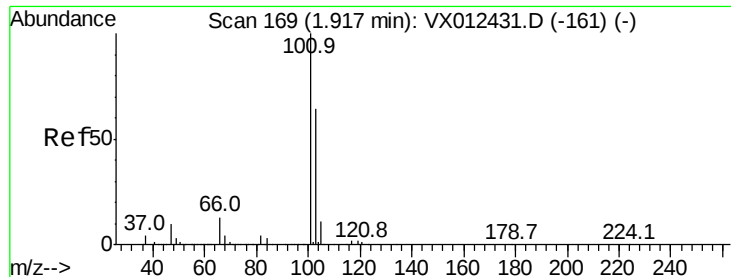
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0

1.65 1.70 1.75 1.80

Time-->



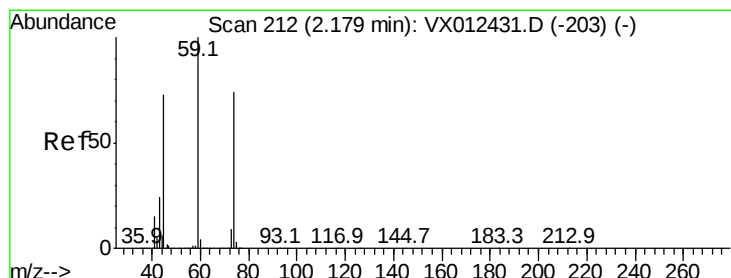
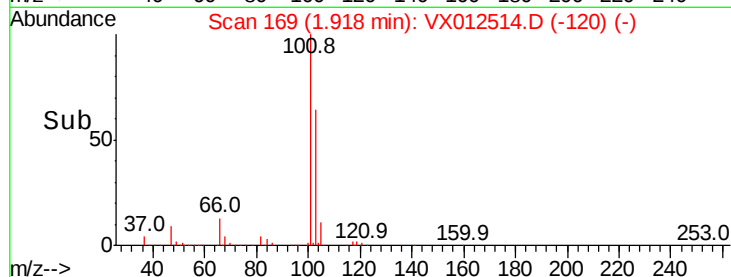
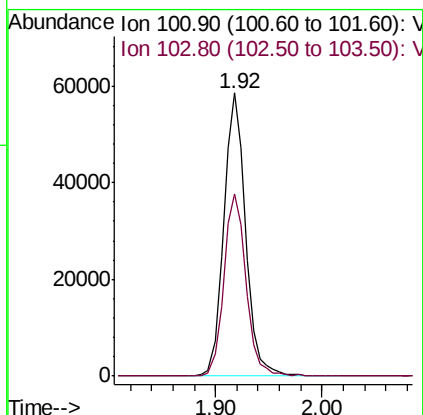
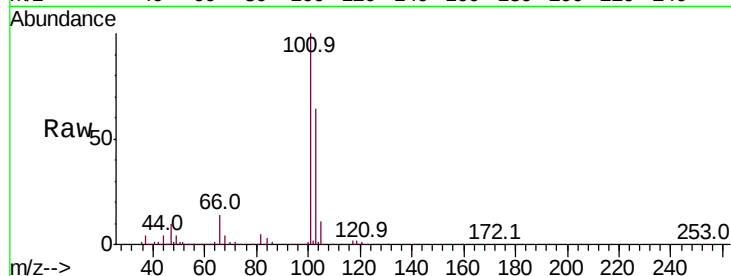


#7

Trichlorofluoromethane
 Concen: 45.738 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012514.D
 Acq: 19 Sep 2019 07:44

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MSD

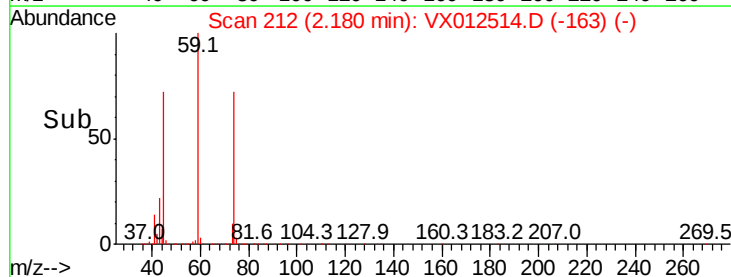
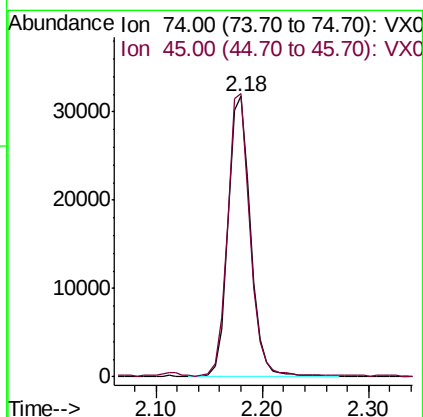
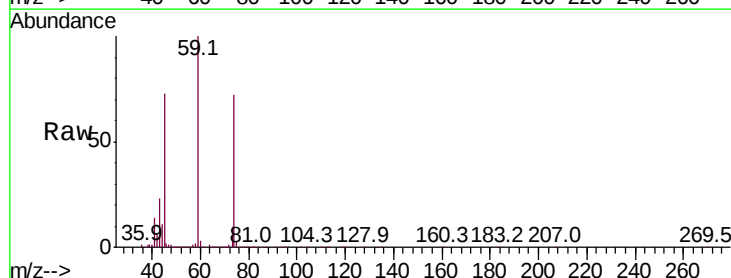
Tot Ion:101 Resp: 83873
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.0 76.4

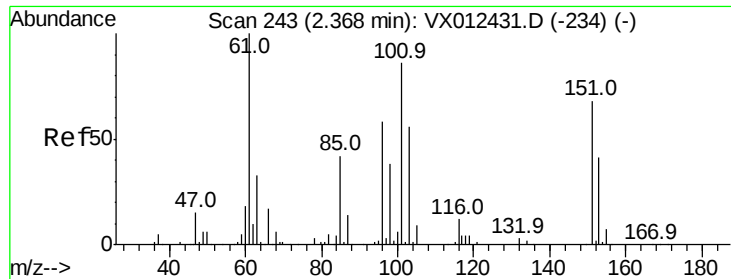


#8

Diethyl Ether
 Concen: 56.775 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012514.D
 Acq: 19 Sep 2019 07:44

Tgt Ion: 74 Resp: 47025
 Ion Ratio Lower Upper
 74 100
 45 99.5 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 37.653 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MSD

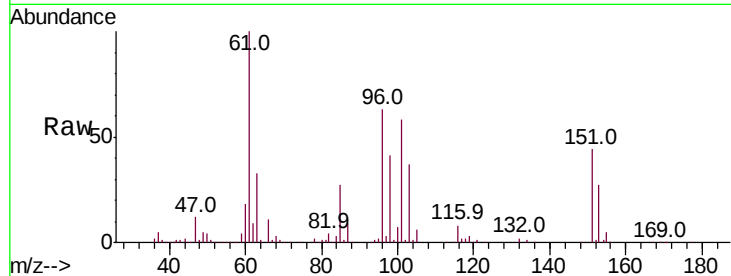
Tot Ion:101 Resp: 49957

Ion Ratio Lower Upper

101 100

85 46.6 37.3 55.9

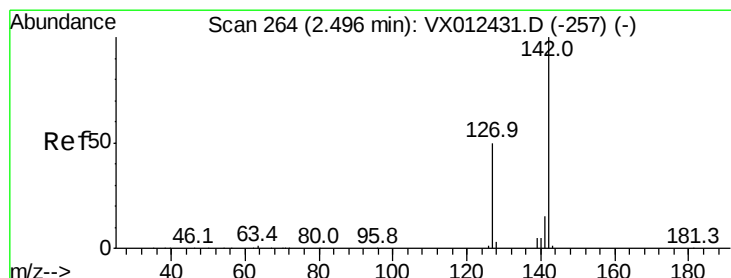
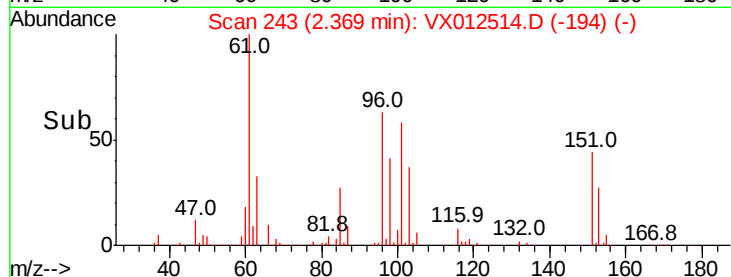
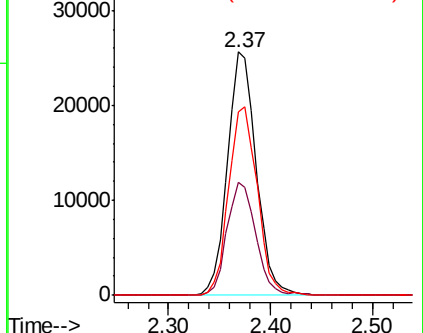
151 77.0 61.0 91.4



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: 50.920 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

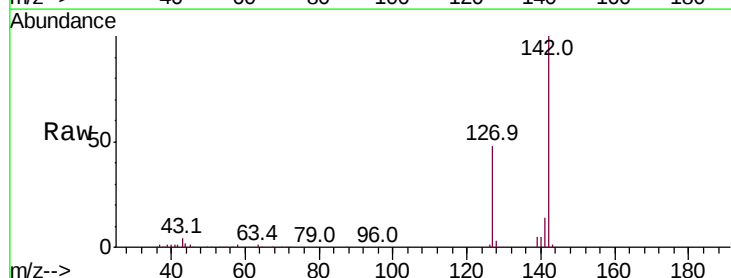
Tgt Ion:142 Resp: 58079

Ion Ratio Lower Upper

142 100

127 47.4 40.8 61.2

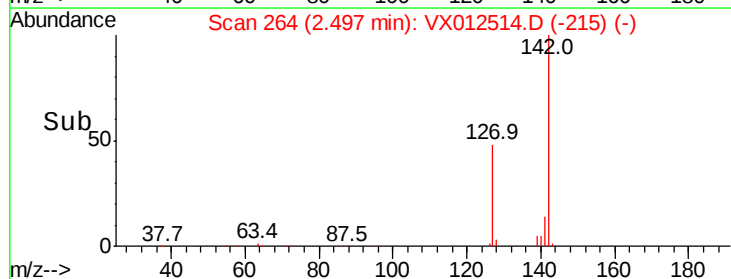
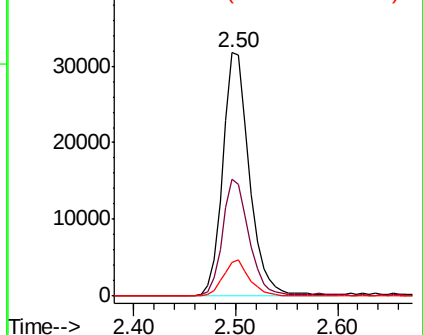
141 14.5 12.1 18.1

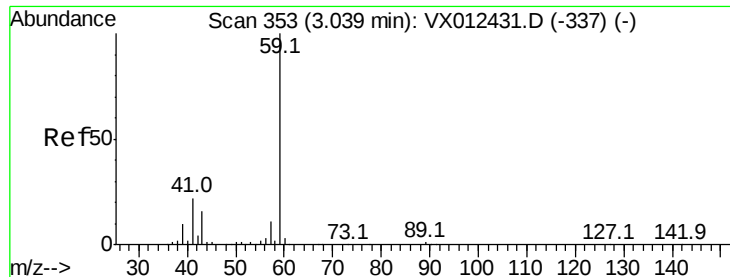


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

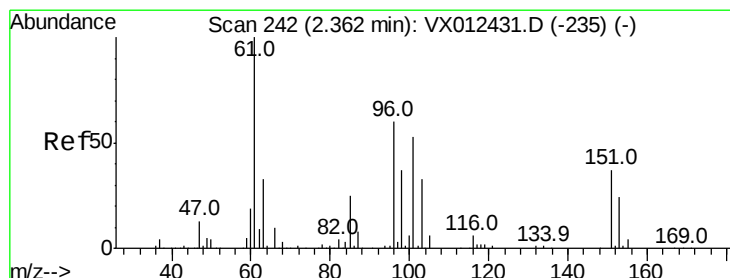
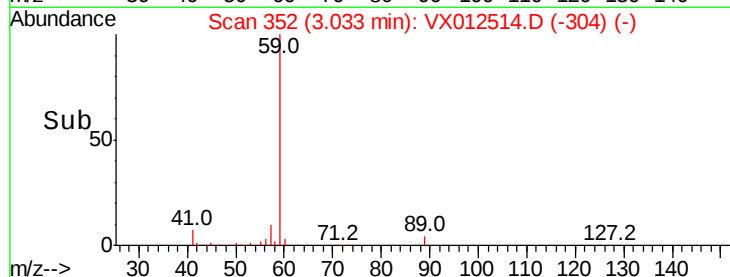
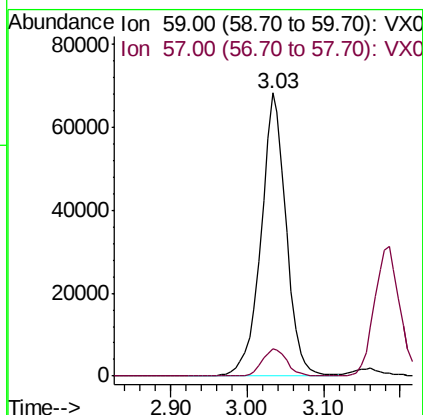
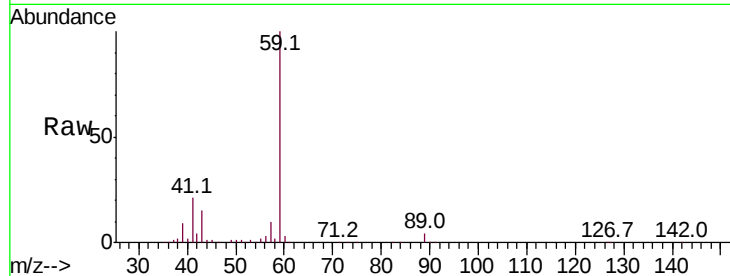




#11
Tert butyl alcohol
Concen: 256.030 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

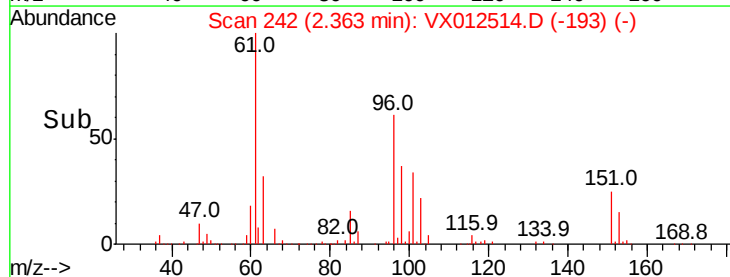
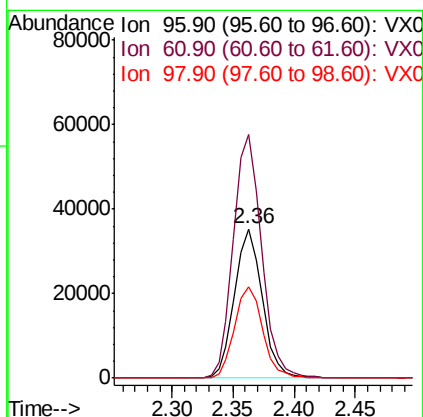
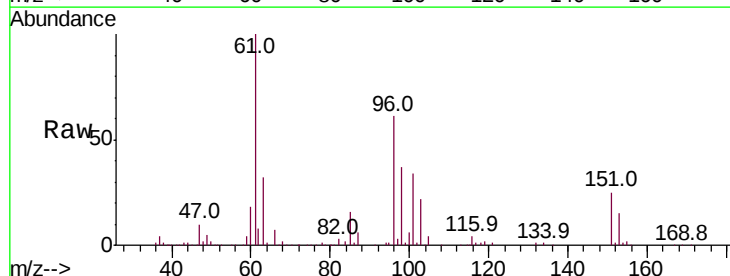
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MSD

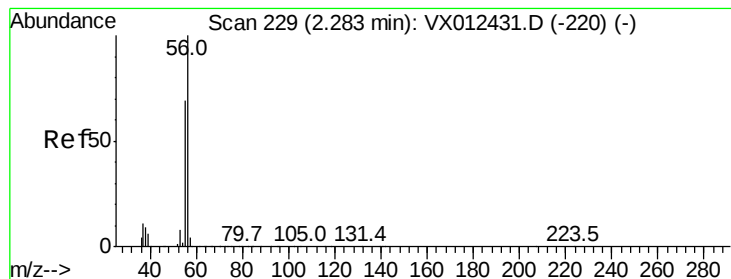
Tot Ion: 59 Resp: 156568
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5



#12
1,1-Dichloroethene
Concen: 52.481 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Tgt Ion: 96 Resp: 55547
Ion Ratio Lower Upper
96 100
61 163.1 133.8 200.6
98 61.1 49.9 74.9





#13

Acrolein

Concen: 271.558 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

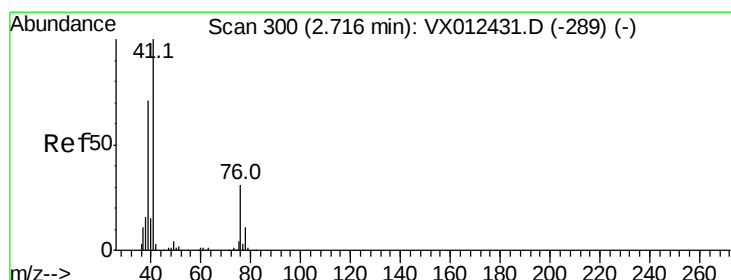
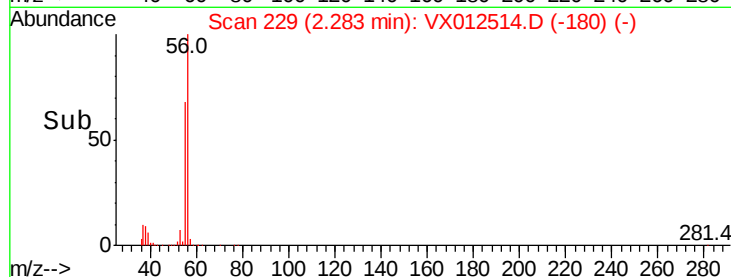
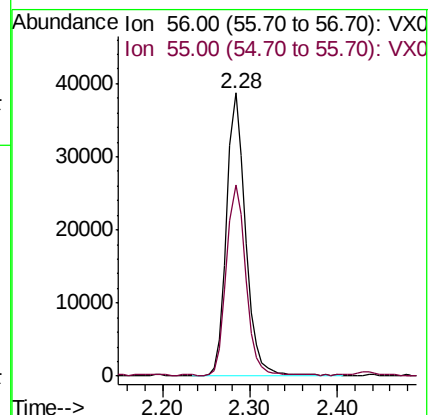
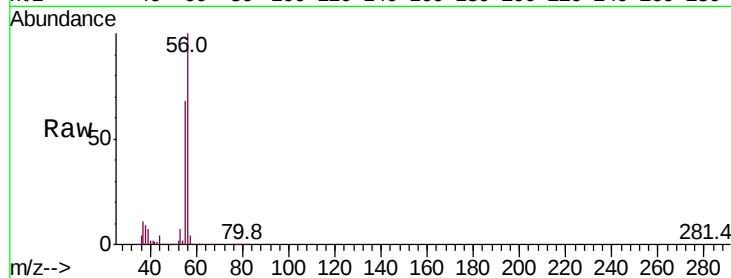
RE122D2-20190909MSD

Tot Ion: 56 Resp: 57503

Ion Ratio Lower Upper

56 100

55 70.0 55.8 83.8



#14

Allyl chloride

Concen: 52.430 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

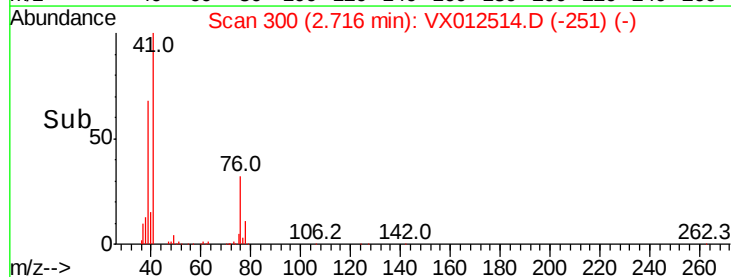
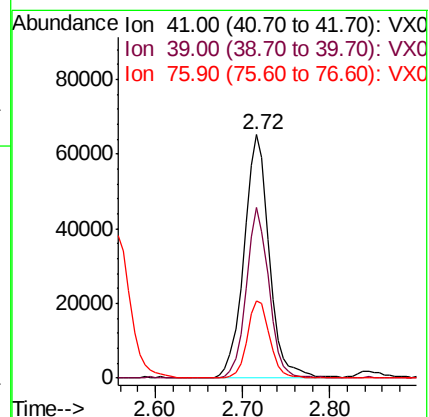
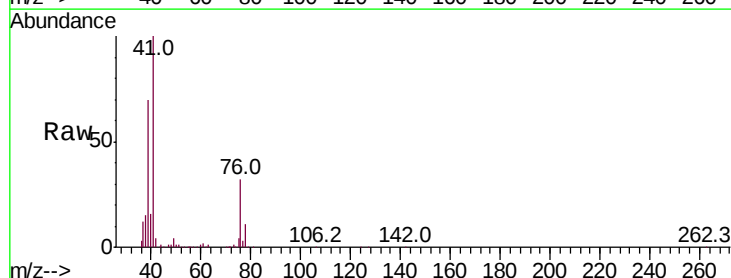
Tgt Ion: 41 Resp: 129196

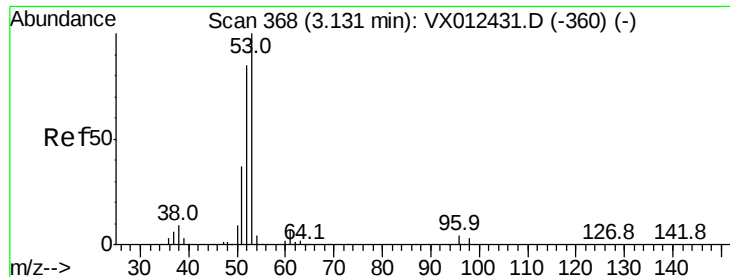
Ion Ratio Lower Upper

41 100

39 63.9 51.3 76.9

76 28.5 22.6 33.8





#15

Acrylonitrile

Concen: 281.056 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MSD

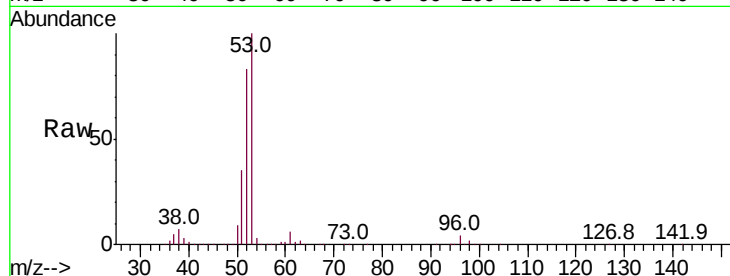
Tot Ion: 53 Resp: 293858

Ion Ratio Lower Upper

53 100

52 83.2 67.0 100.4

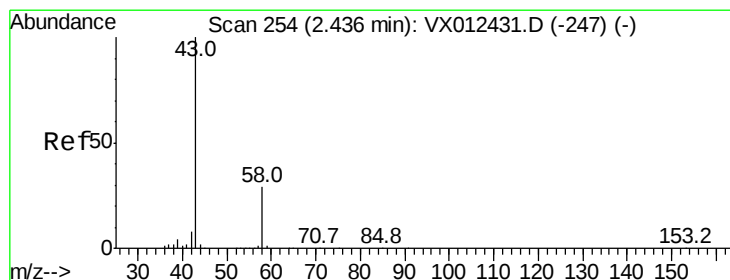
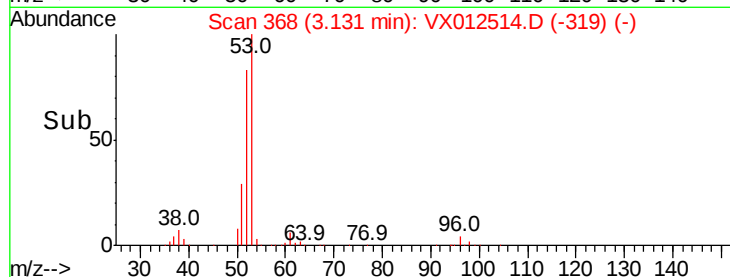
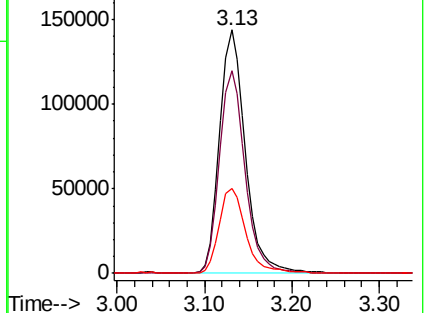
51 36.4 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 244.209 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012514.D

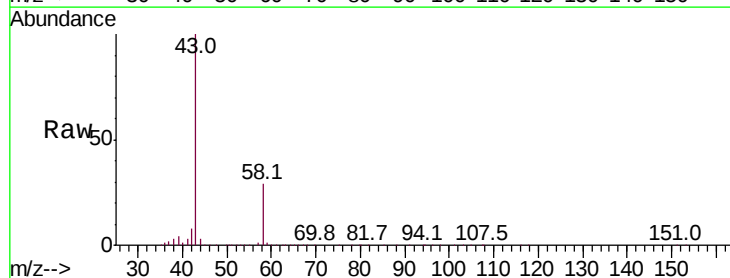
Acq: 19 Sep 2019 07:44

Tgt Ion: 43 Resp: 269433

Ion Ratio Lower Upper

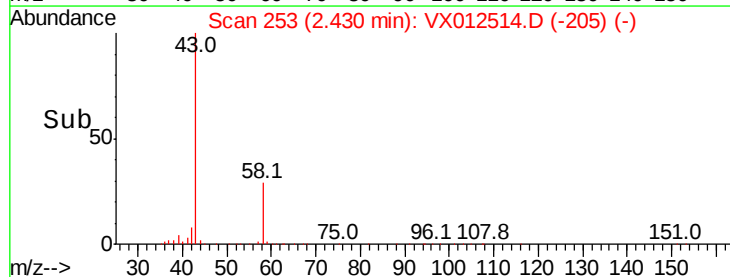
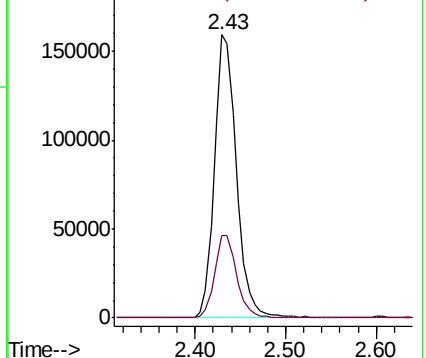
43 100

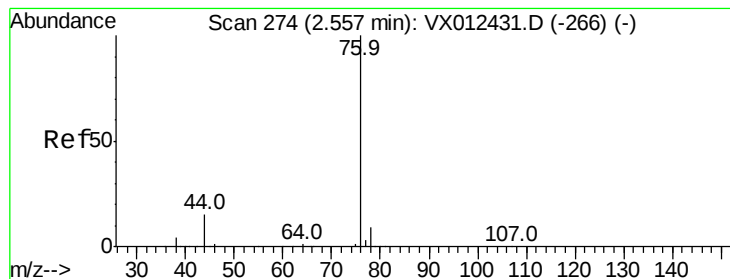
58 29.2 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 44.427 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

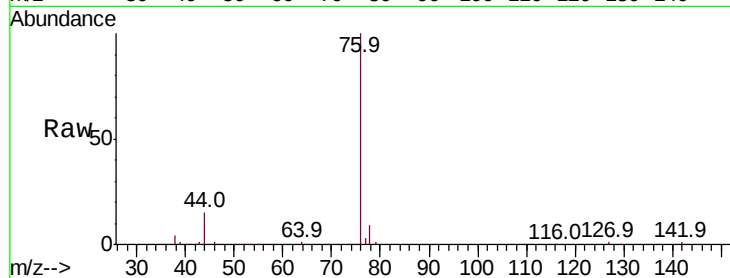
RE122D2-20190909MSD

Tot Ion: 76 Resp: 66189

Ion Ratio Lower Upper

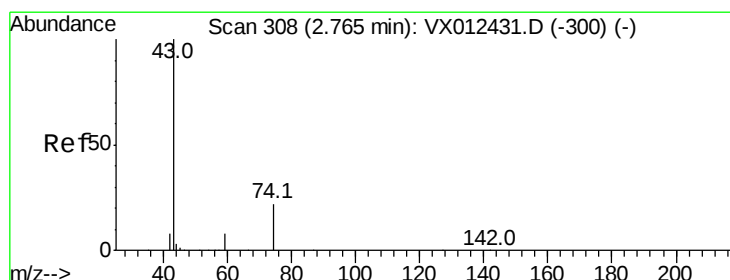
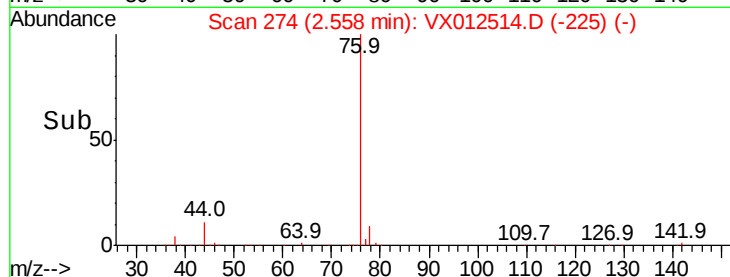
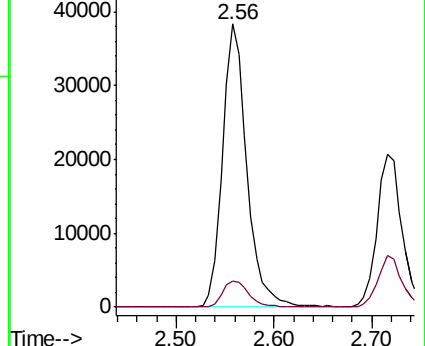
76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 55.948 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012514.D

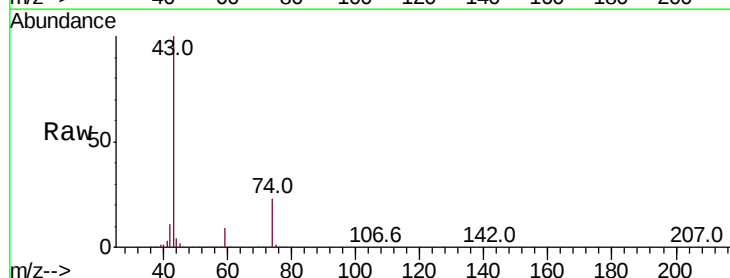
Acq: 19 Sep 2019 07:44

Tgt Ion: 43 Resp: 140665

Ion Ratio Lower Upper

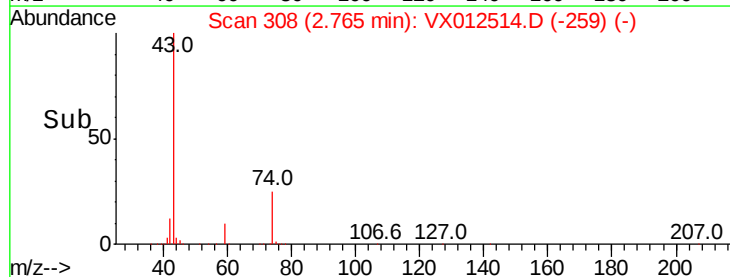
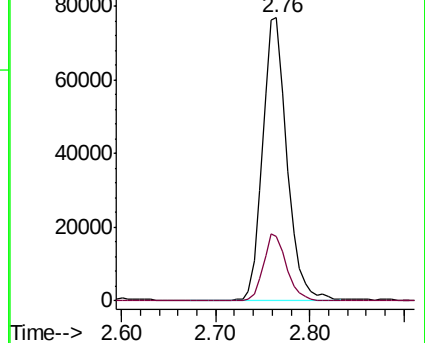
43 100

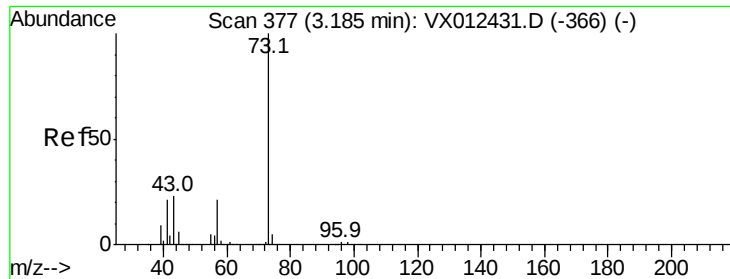
74 22.8 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 57.438 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

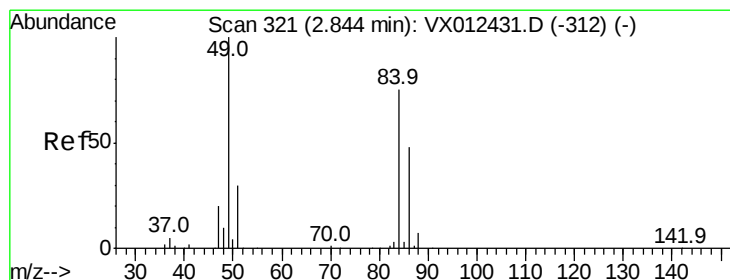
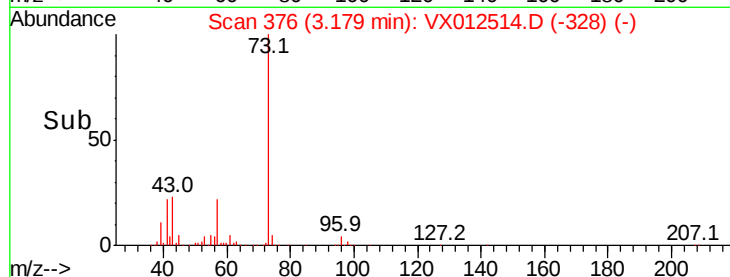
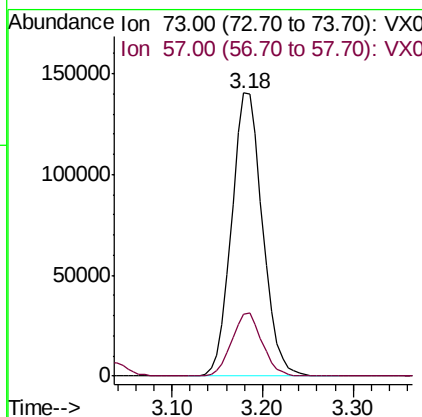
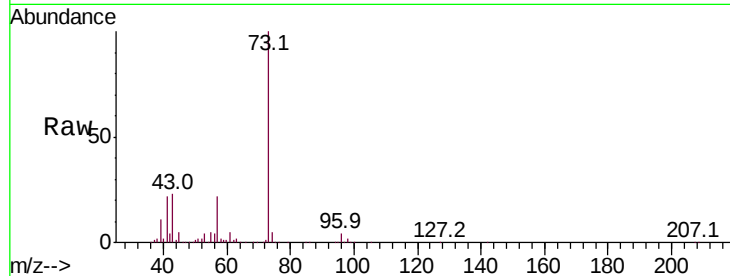
Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MSD

Tot Ion: 73 Resp: 331468

Ion	Ratio	Lower	Upper
73	100		
57	21.7	16.8	25.2



#20

Methylene Chloride

Concen: 55.945 ug/l

RT: 2.84 min Scan# 321

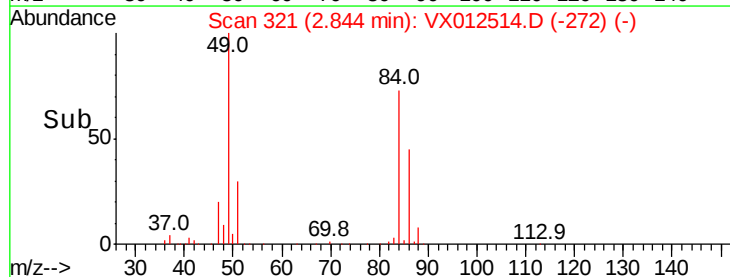
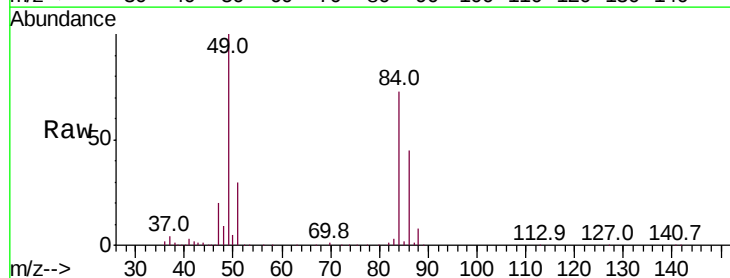
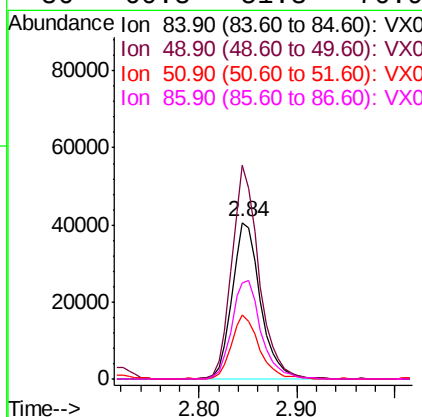
Delta R.T. 0.00 min

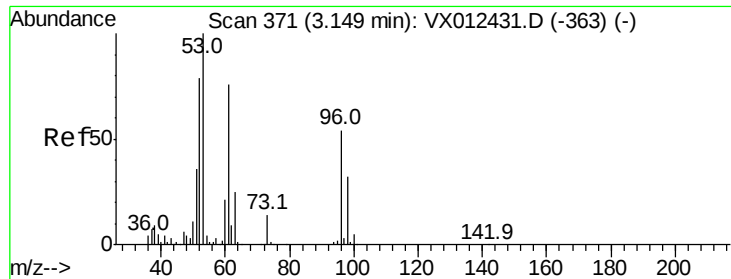
Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Tgt Ion: 84 Resp: 81691

Ion	Ratio	Lower	Upper
84	100		
49	136.3	106.8	160.2
51	40.5	32.3	48.5
86	60.8	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 54.122 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MSD

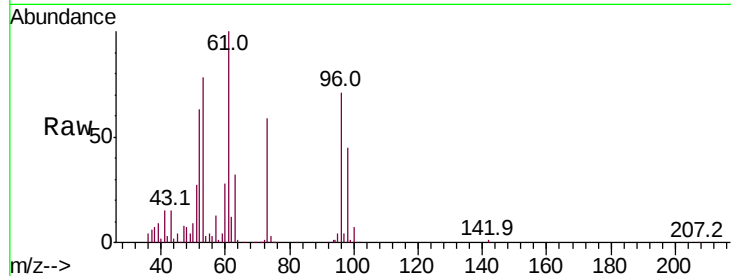
Tot Ion: 96 Resp: 59485

Ion Ratio Lower Upper

96 100

61 140.6 112.0 168.0

98 62.6 47.8 71.8

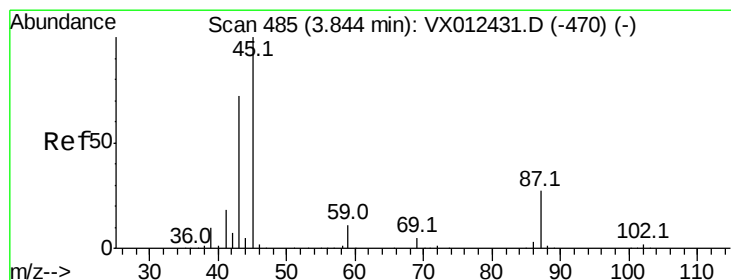
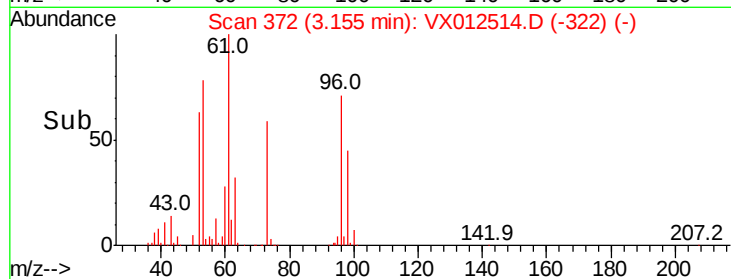
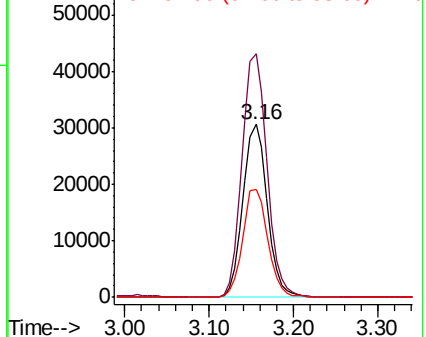


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 57.132 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Tgt Ion: 45 Resp: 329633

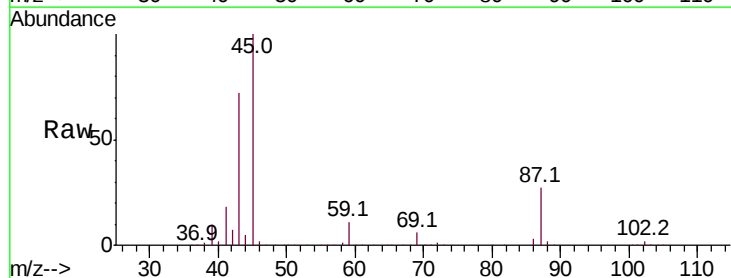
Ion Ratio Lower Upper

45 100

43 71.9 57.8 86.8

87 27.4 21.3 31.9

59 11.5 8.5 12.7



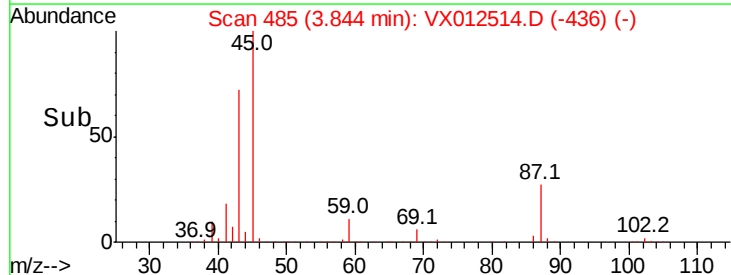
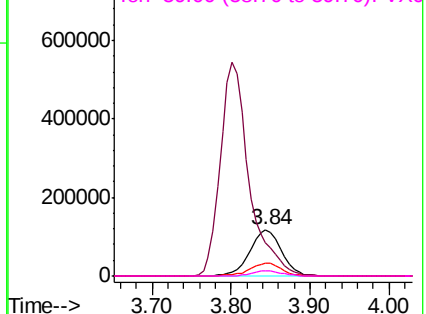
Abundance

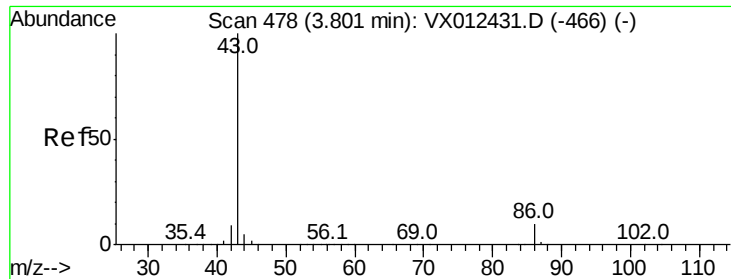
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 293.093 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

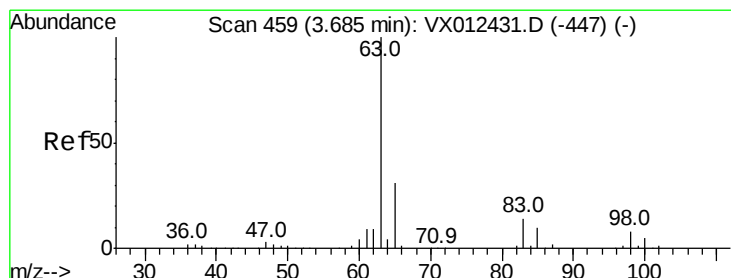
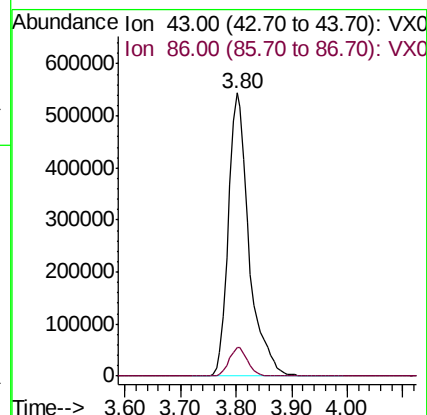
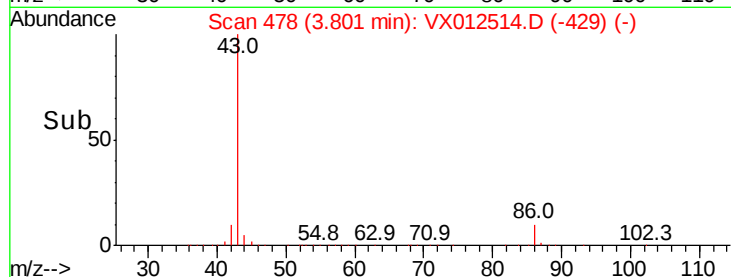
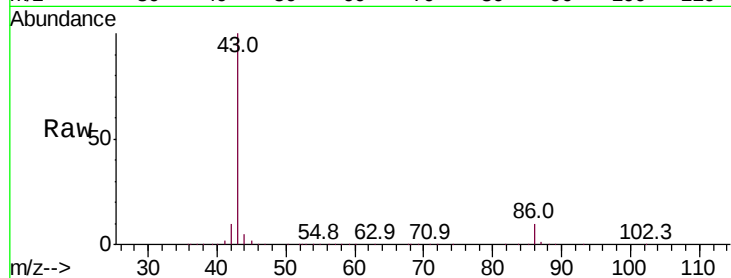
RE122D2-20190909MSD

Tot Ion: 43 Resp: 1391058

Ion Ratio Lower Upper

43 100

86 10.1 7.8 11.8



#24

1,1-Dichloroethane

Concen: 57.079 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

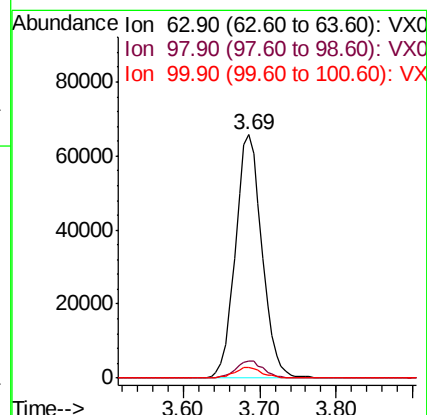
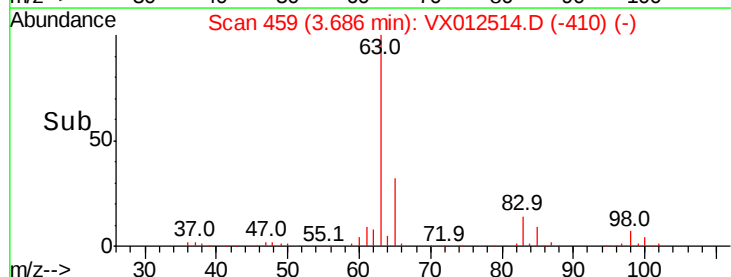
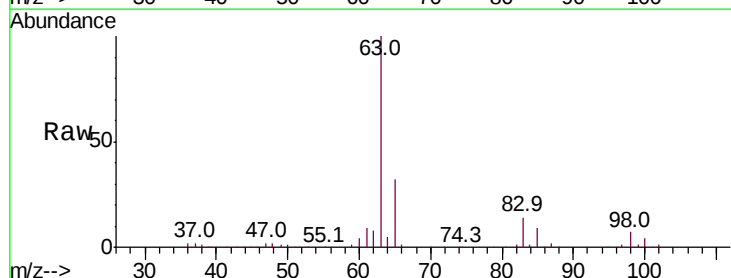
Tgt Ion: 63 Resp: 157568

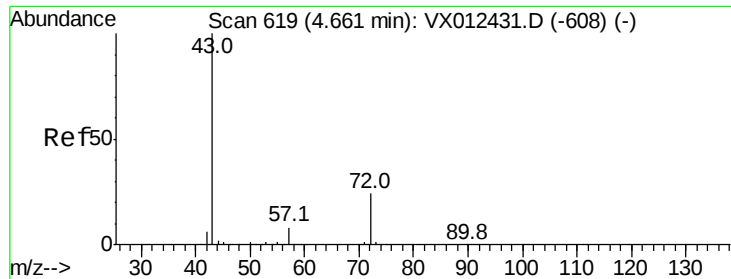
Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.7

100 4.3 2.3 6.9

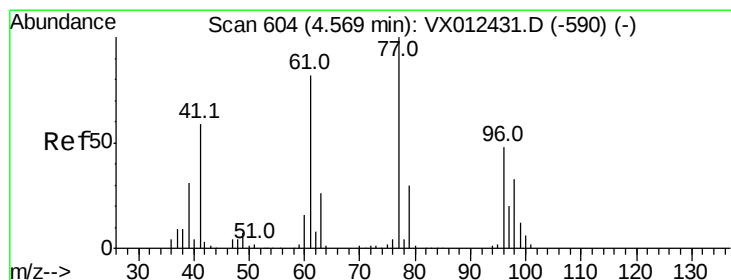
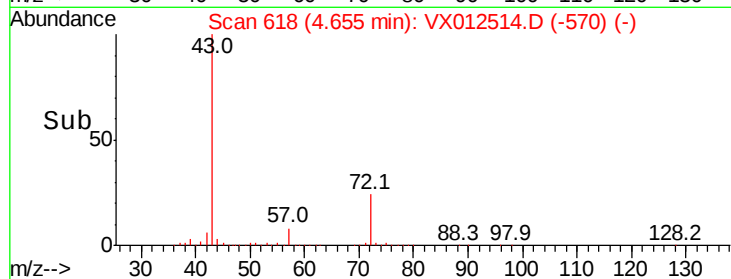
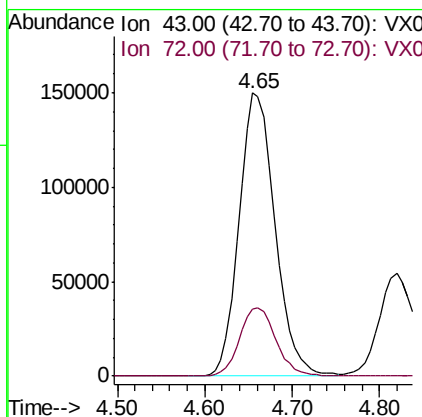
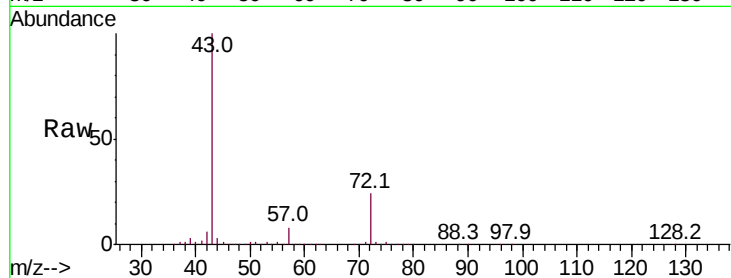




#25
2-Butanone
Concen: 254.874 ug/l
RT: 4.65 min Scan# 618
Delta R.T. -0.01 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

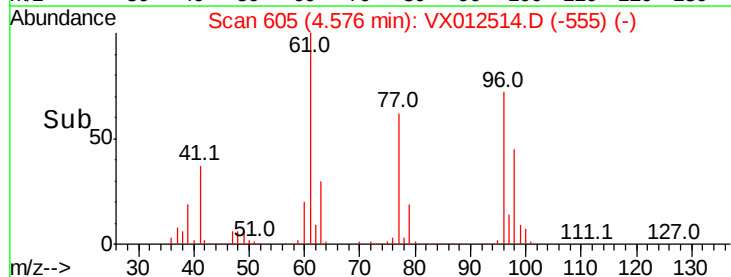
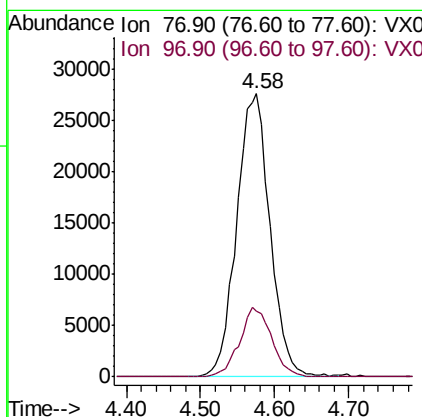
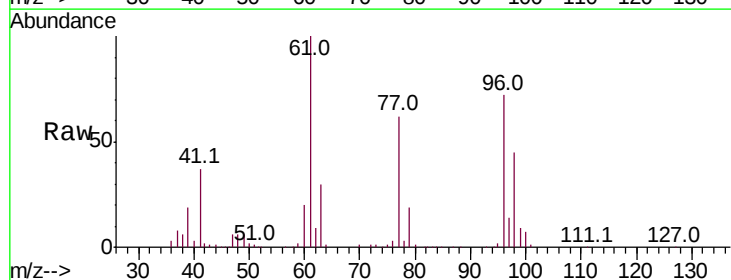
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MSD

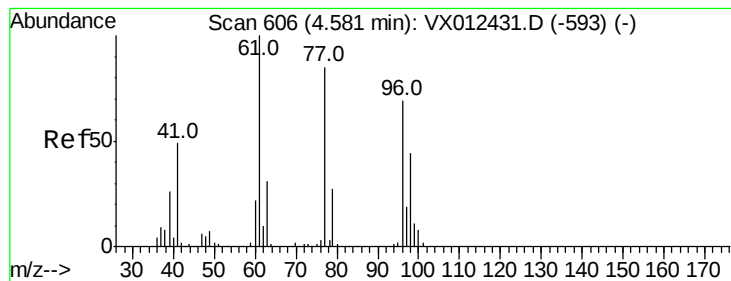
Tot Ion: 43 Resp: 426571
Ion Ratio Lower Upper
43 100
72 23.5 19.2 28.8



#26
2,2-Dichloropropane
Concen: 31.870 ug/l
RT: 4.58 min Scan# 605
Delta R.T. 0.01 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Tgt Ion: 77 Resp: 86525
Ion Ratio Lower Upper
77 100
97 23.7 10.5 31.6



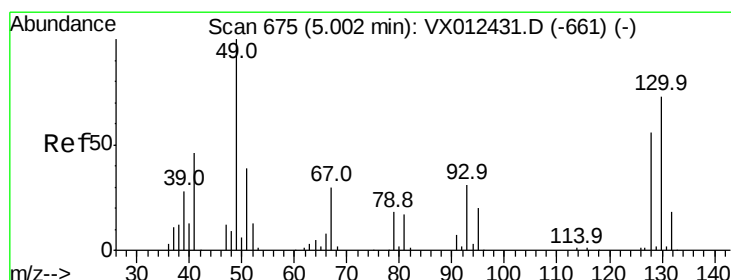
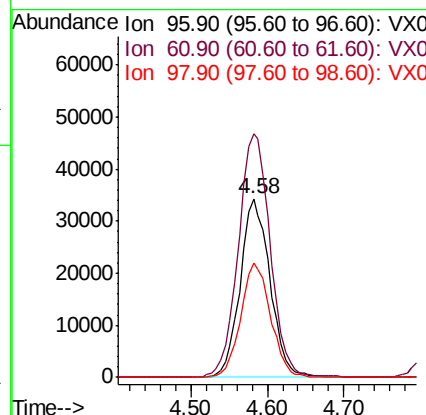
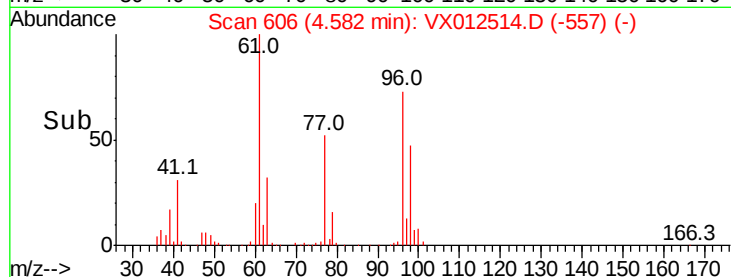
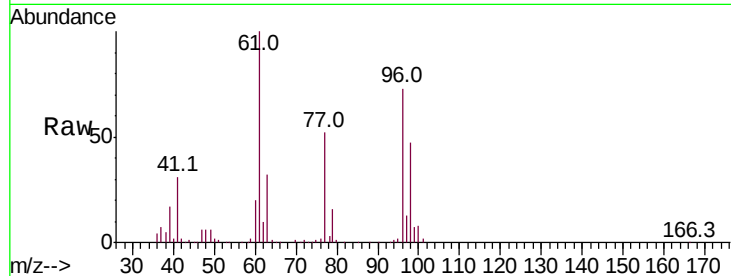


#27

cis-1,2-Dichloroethene
Concen: 56.420 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MSD

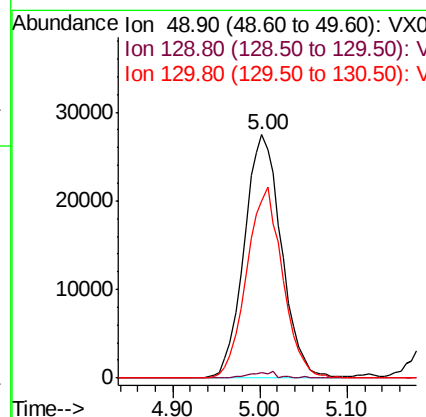
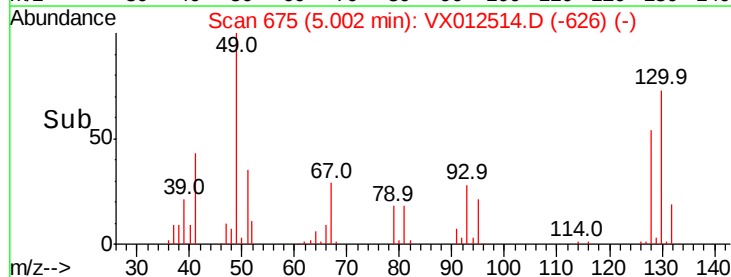
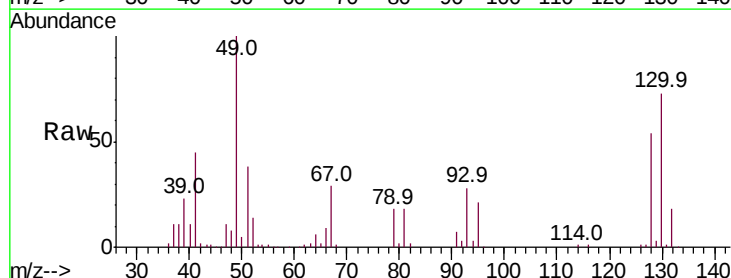
Tot Ion: 96 Resp: 92634
Ion Ratio Lower Upper
96 100
61 145.3 0.0 319.4
98 64.4 0.0 130.6

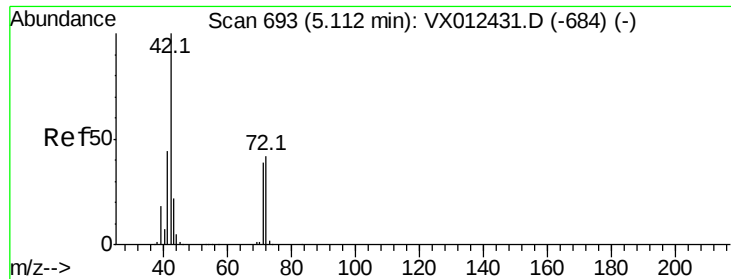


#28

Bromochloromethane
Concen: 57.153 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Tgt Ion: 49 Resp: 81338
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 75.8 58.2 87.4

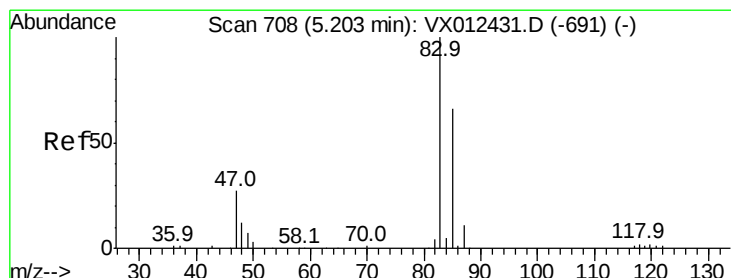
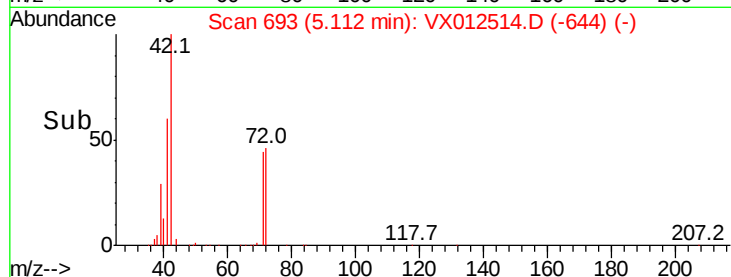
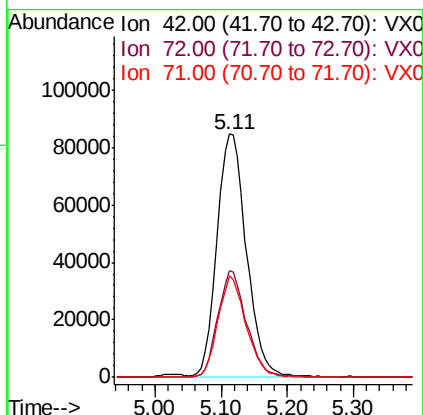
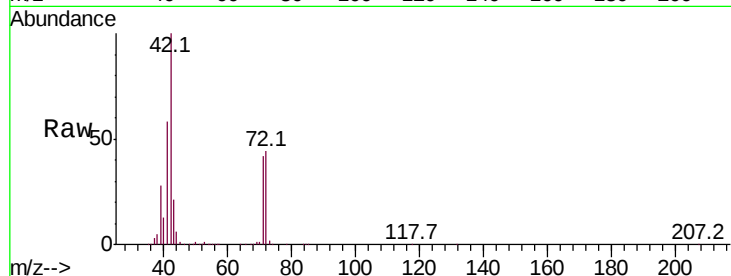




#29
Tetrahydrofuran
Concen: 282.212 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

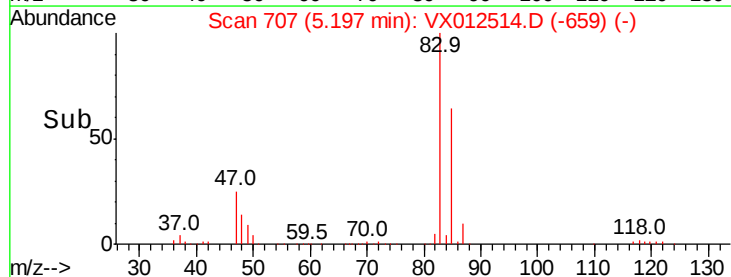
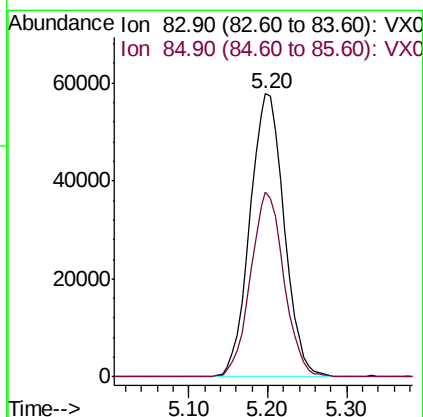
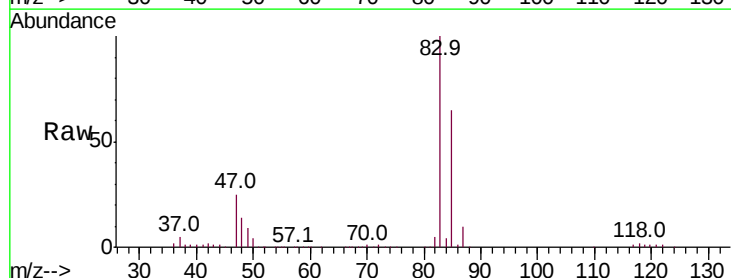
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MSD

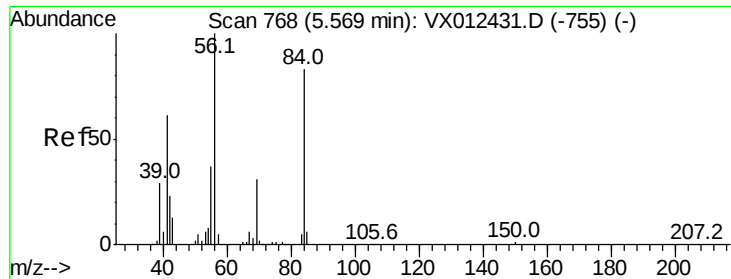
Tot Ion: 42 Resp: 260931
Ion Ratio Lower Upper
42 100
72 42.9 34.0 51.0
71 39.8 31.5 47.3



#30
Chloroform
Concen: 55.038 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Tgt Ion: 83 Resp: 174491
Ion Ratio Lower Upper
83 100
85 65.4 53.0 79.4

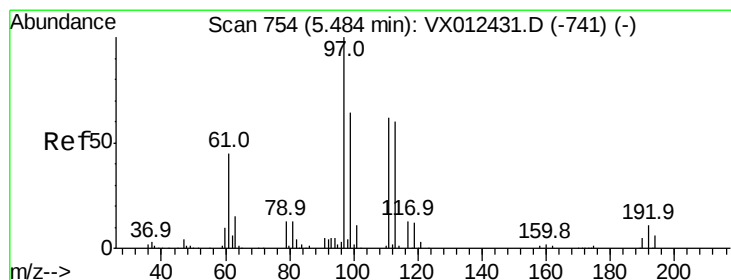
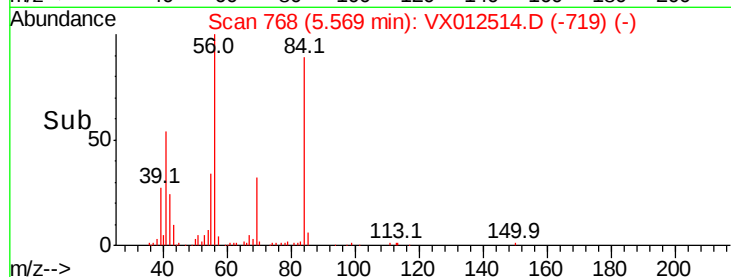
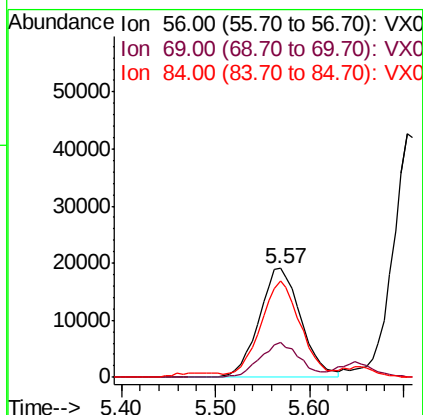
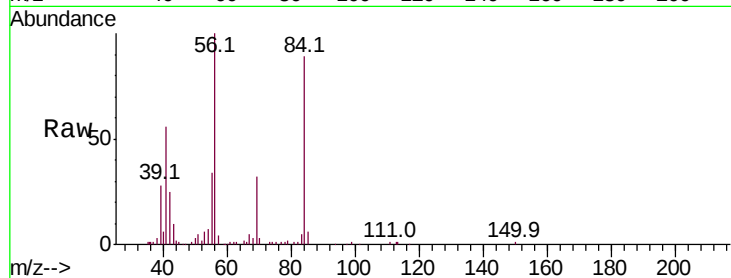




#31
Cyclohexane
Concen: 35.572 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

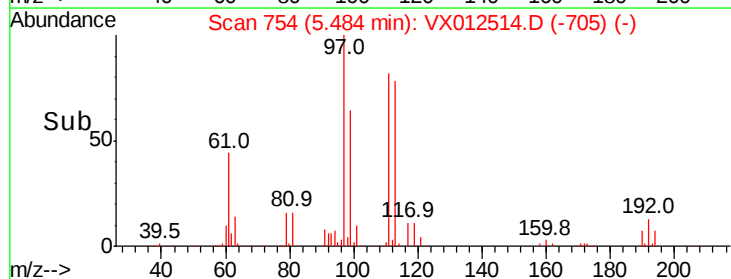
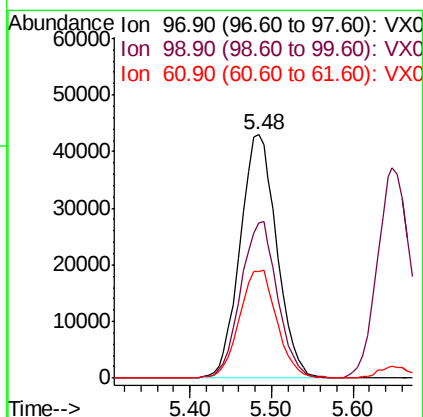
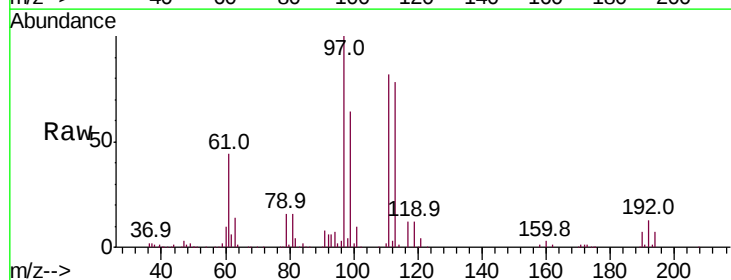
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MSD

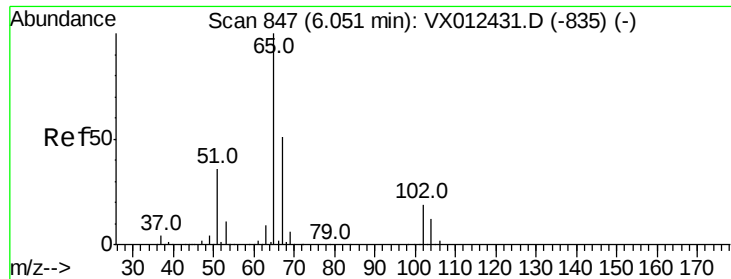
Tot Ion: 56 Resp: 59278
Ion Ratio Lower Upper
56 100
69 31.6 25.0 37.6
84 84.6 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 50.620 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Tgt Ion: 97 Resp: 134132
Ion Ratio Lower Upper
97 100
99 64.4 51.3 76.9
61 45.4 36.1 54.1

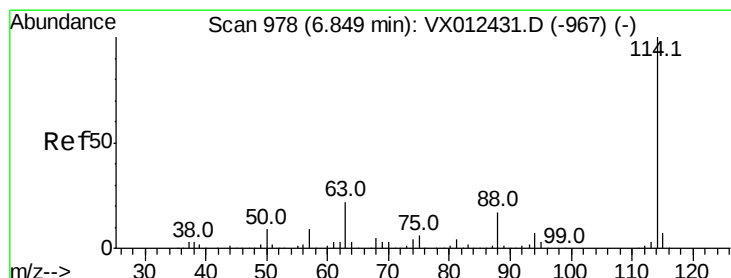
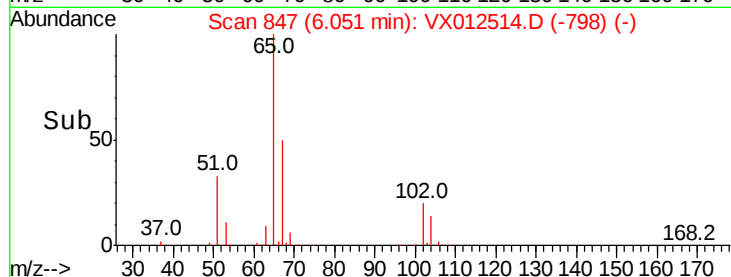
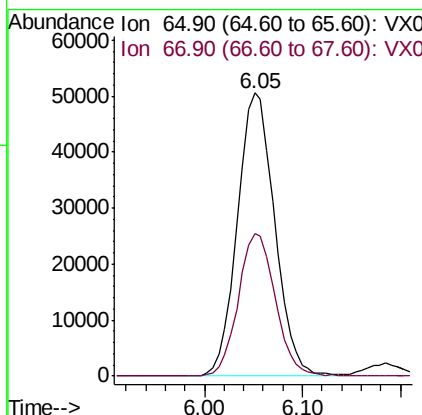
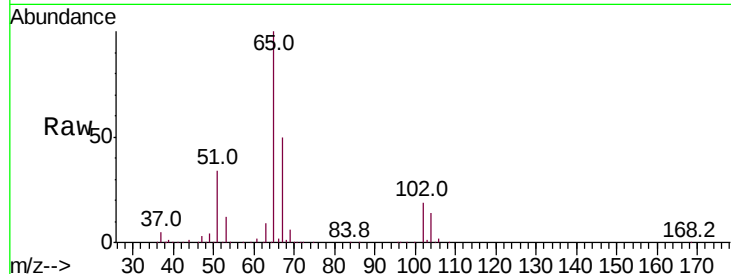




#33
 1,2-Dichloroethane-d4
 Concen: 55.477 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012514.D
 Acq: 19 Sep 2019 07:44

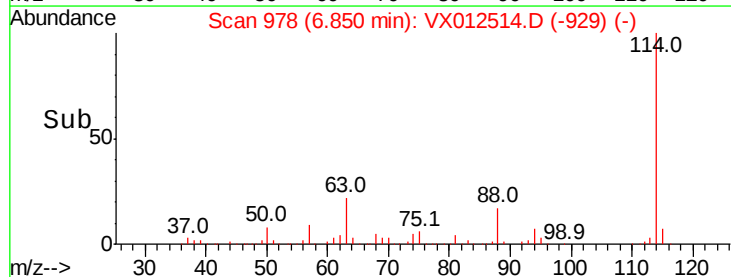
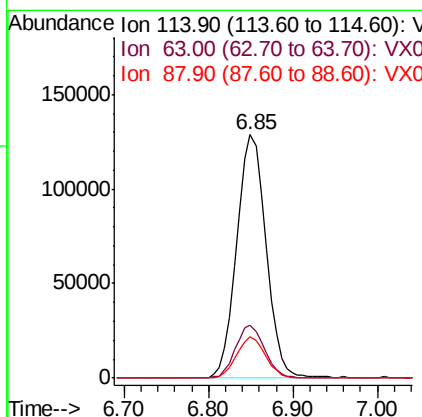
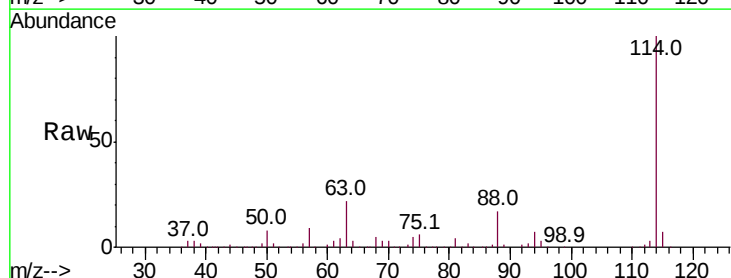
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MSD

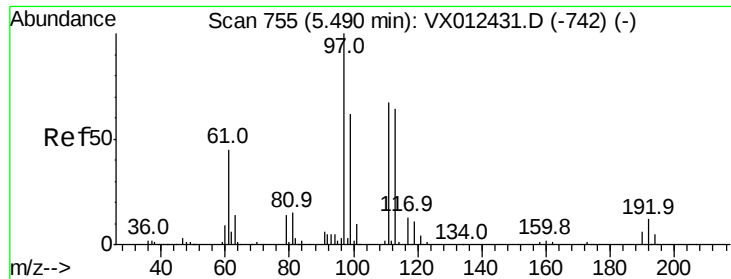
Tot Ion: 65 Resp: 133854
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012514.D
 Acq: 19 Sep 2019 07:44

Tgt Ion: 114 Resp: 303019
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 17.1 0.0 33.2

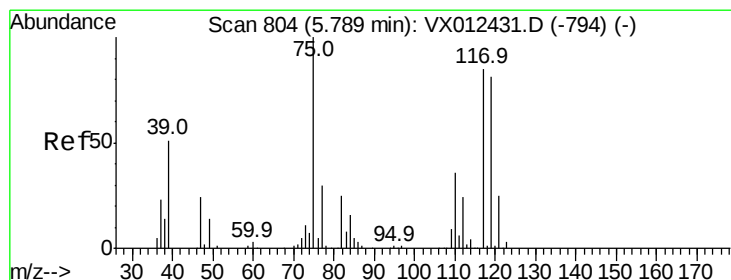
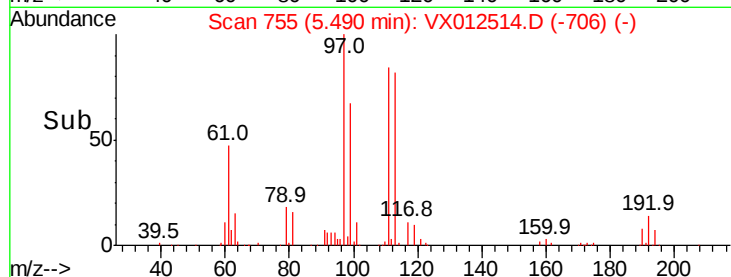
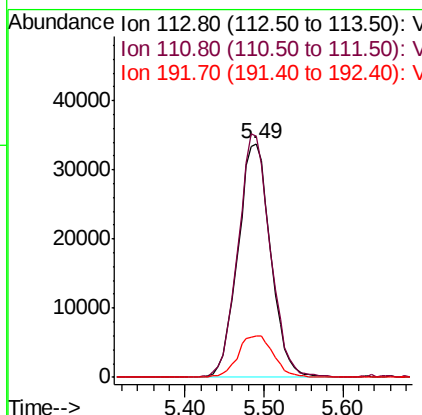
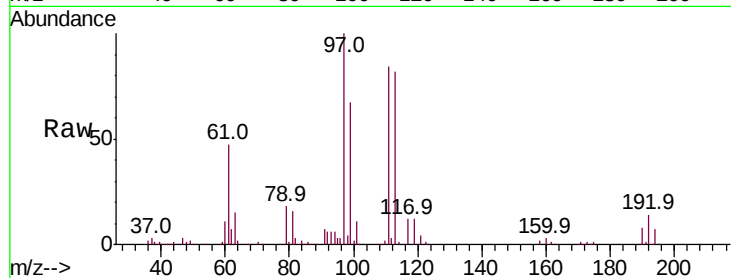




#35
 Dibromofluoromethane
 Concen: 53.210 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012514.D
 Acq: 19 Sep 2019 07:44

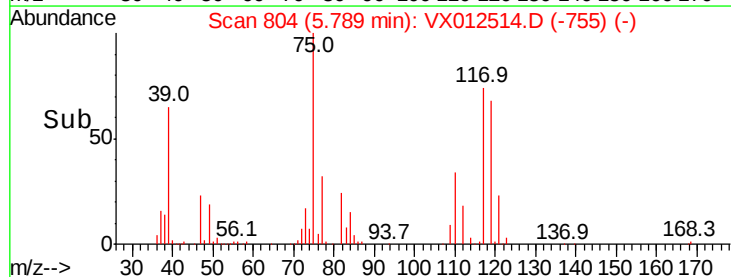
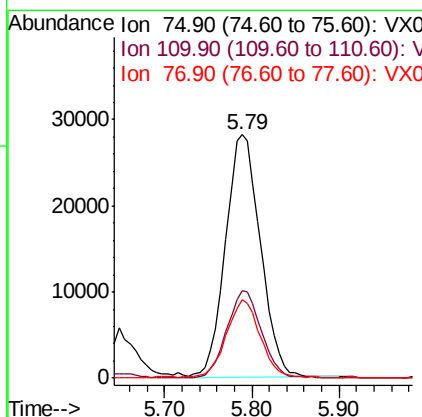
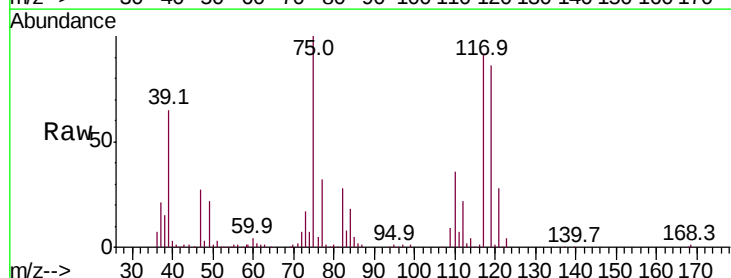
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MSD

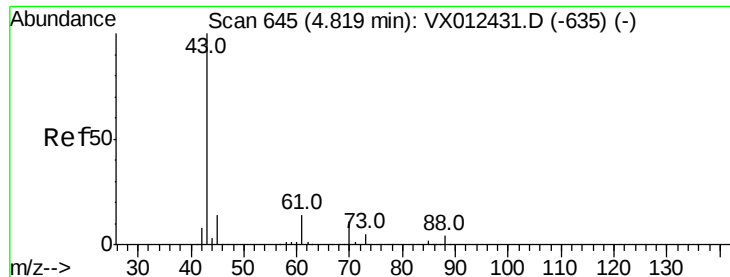
Tot Ion:113 Resp: 97590
 Ion Ratio Lower Upper
 113 100
 111 102.3 83.4 125.2
 192 19.2 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 42.315 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX012514.D
 Acq: 19 Sep 2019 07:44

Tgt Ion: 75 Resp: 77927
 Ion Ratio Lower Upper
 75 100
 110 35.8 16.7 50.0
 77 31.8 24.2 36.2

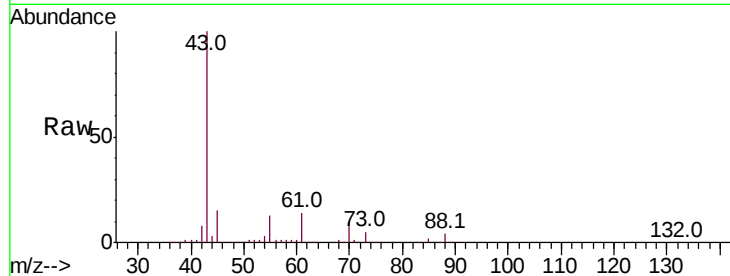




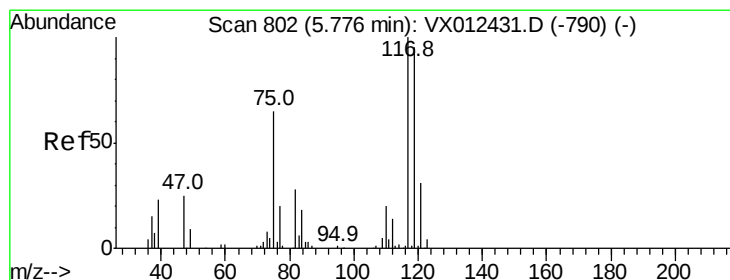
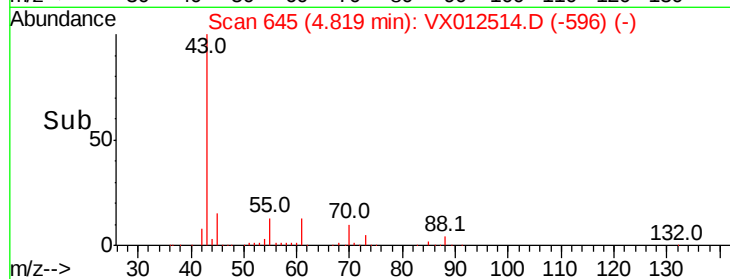
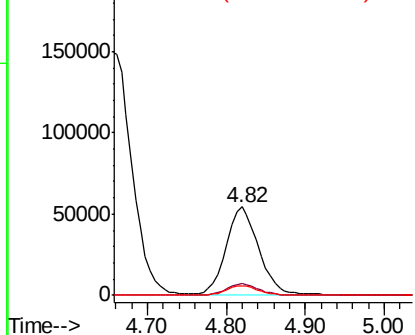
#37
Ethyl Acetate
Concen: 55.430 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MSD

Tot Ion: 43 Resp: 156692
Ion Ratio Lower Upper
43 100
61 13.2 10.2 15.4
70 10.9 8.7 13.1

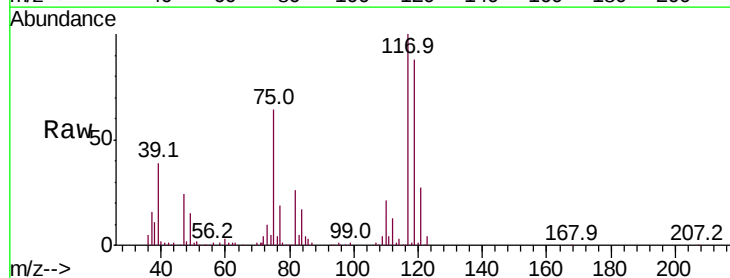


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

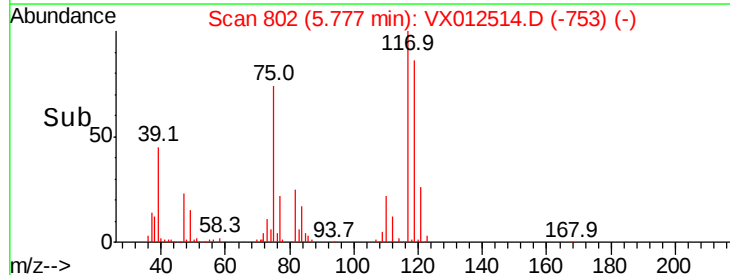
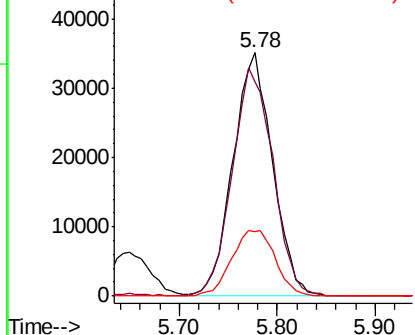


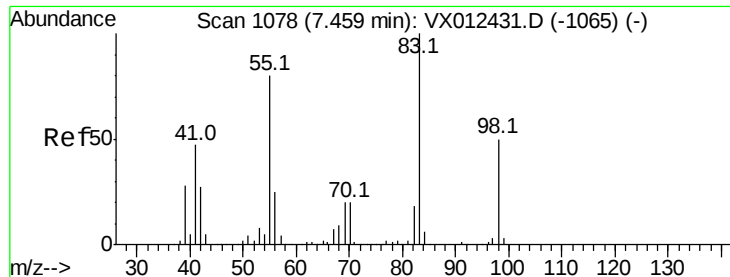
#38
Carbon Tetrachloride
Concen: 42.914 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Tgt Ion: 117 Resp: 98293
Ion Ratio Lower Upper
117 100
119 87.9 75.7 113.5
121 26.7 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

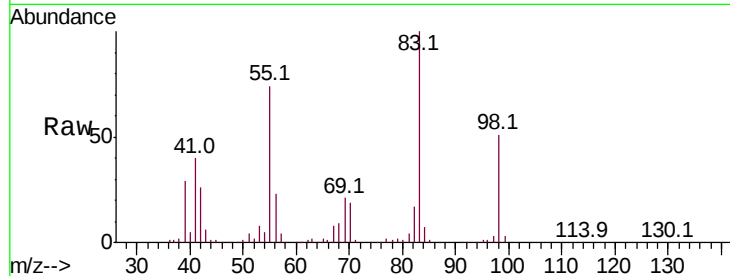




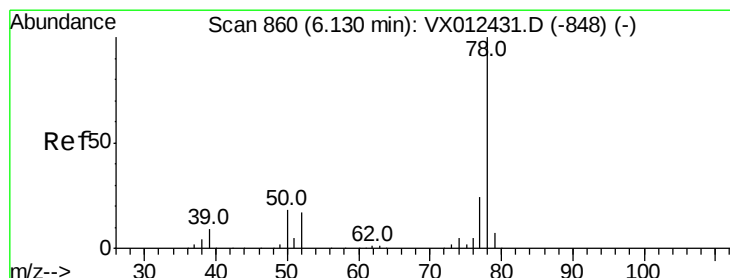
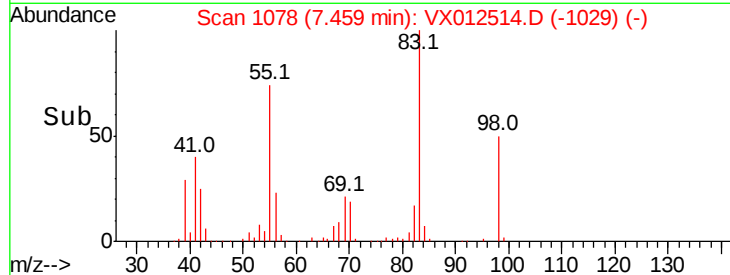
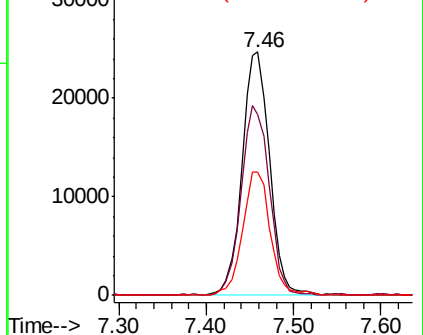
#39
Methvlcvclohexane
Concen: 30.245 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MSD

Tot Ion: 83 Resp: 54148
Ion Ratio Lower Upper
83 100
55 73.8 64.4 96.6
98 50.8 40.1 60.1

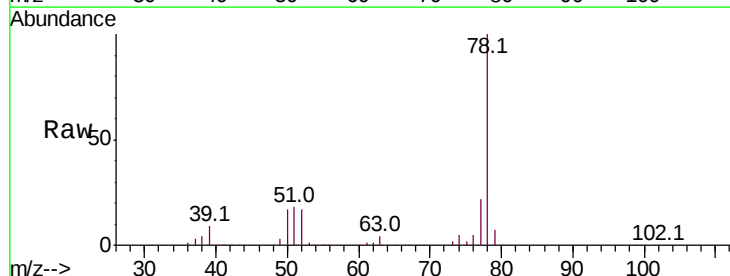


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

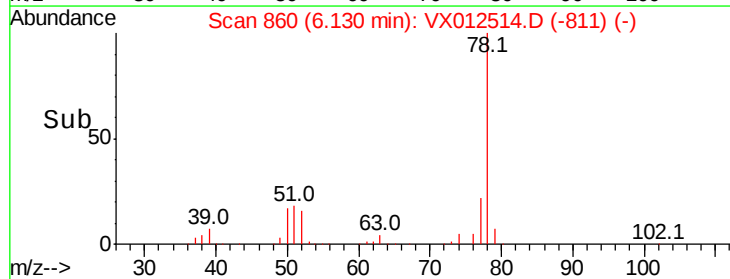
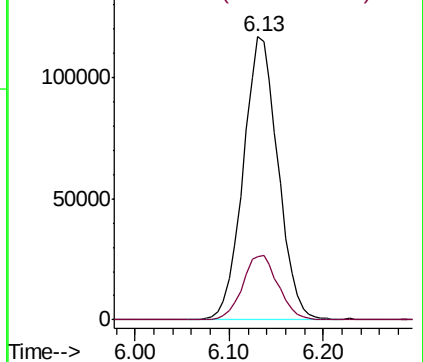


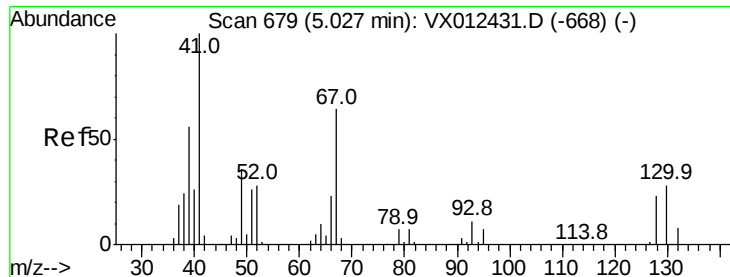
#40
Benzene
Concen: 51.696 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Tgt Ion: 78 Resp: 302742
Ion Ratio Lower Upper
78 100
77 22.4 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 51.304 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MSD

Tot Ion: 41 Resp: 93384

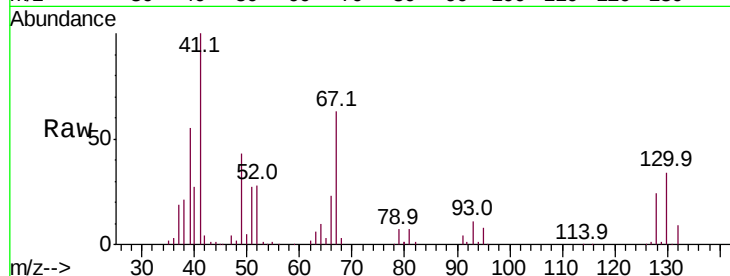
Ion Ratio Lower Upper

41 100

39 54.7 46.0 69.0

67 68.3 52.2 78.2

52 28.3 22.7 34.1

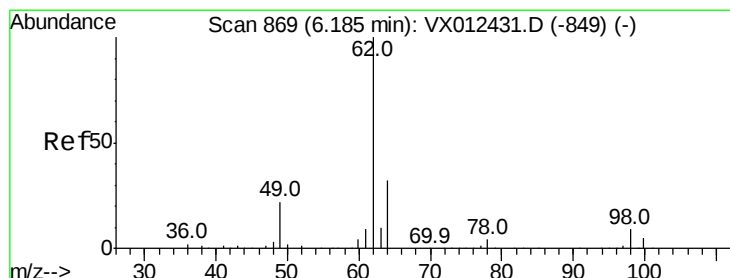
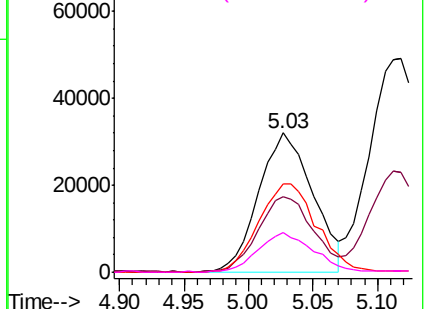
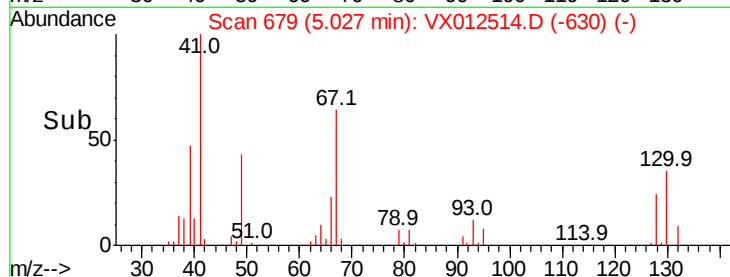


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 52.679 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX012514.D

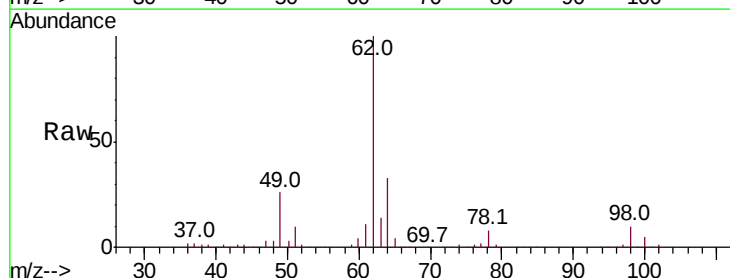
Acq: 19 Sep 2019 07:44

Tgt Ion: 62 Resp: 143085

Ion Ratio Lower Upper

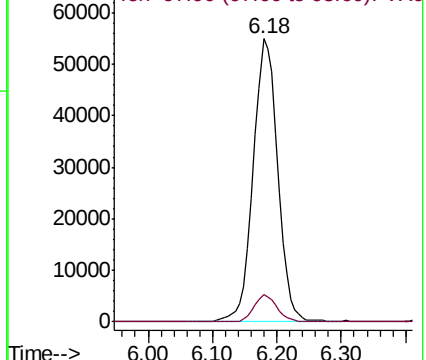
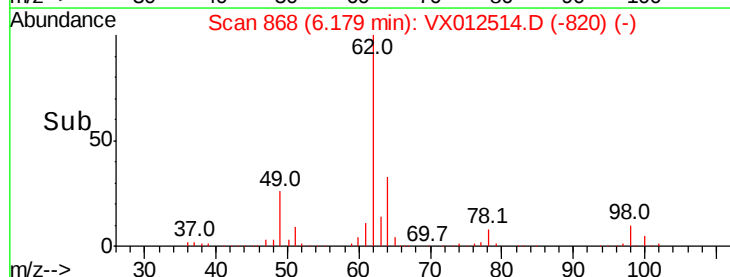
62 100

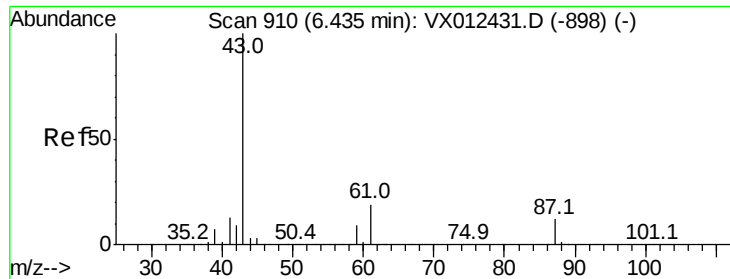
98 9.1 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



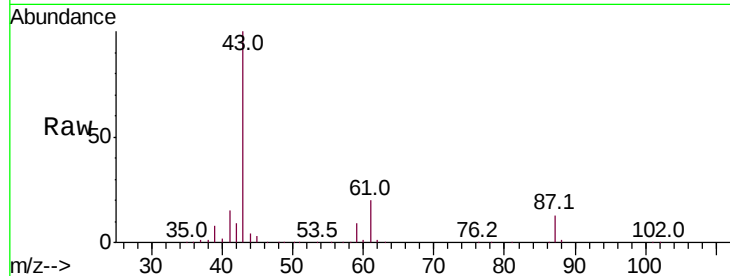


#43

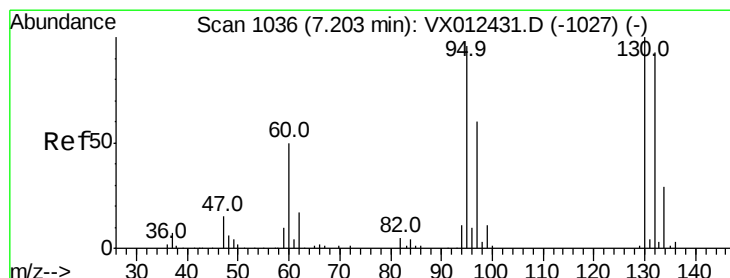
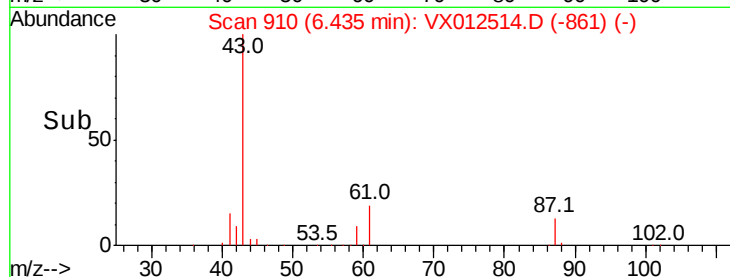
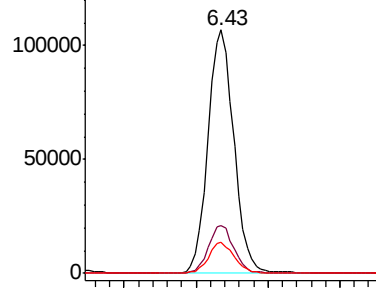
Isopropyl Acetate
 Concen: 52.423 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012514.D
 Acq: 19 Sep 2019 07:44

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MSD

Tot Ion: 43 Resp: 265980
 Ion Ratio Lower Upper
 43 100
 61 19.4 15.4 23.0
 87 12.7 9.8 14.8



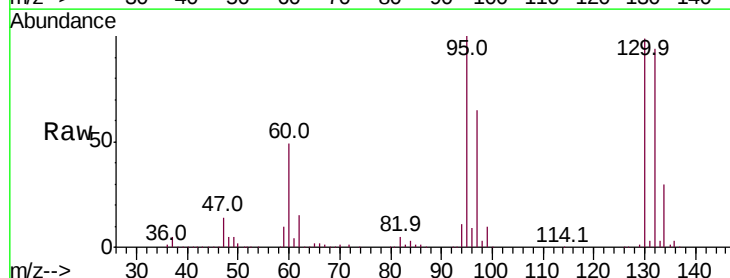
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



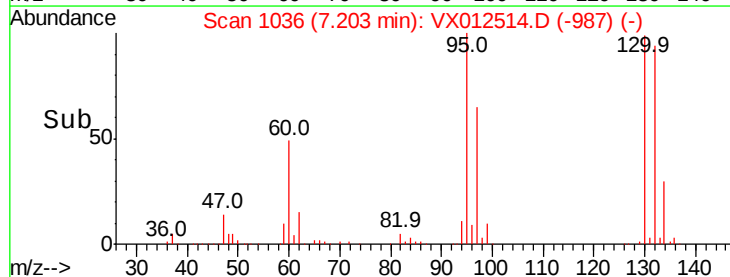
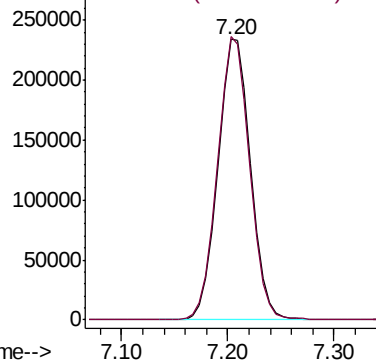
#44

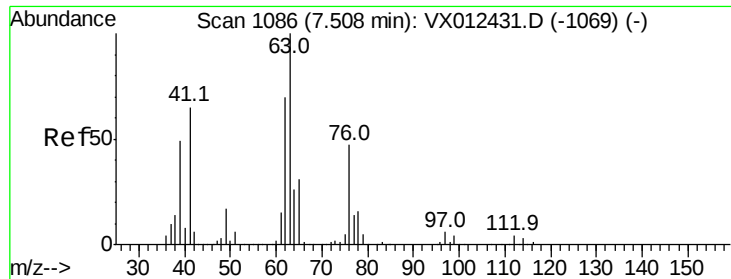
Trichloroethene
 Concen: 326.366 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX012514.D
 Acq: 19 Sep 2019 07:44

Tgt Ion:130 Resp: 502766
 Ion Ratio Lower Upper
 130 100
 95 100.9 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 52.443 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

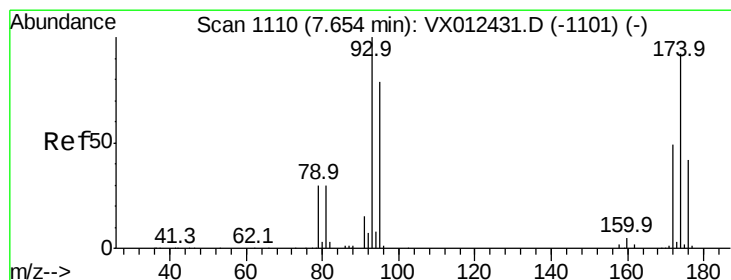
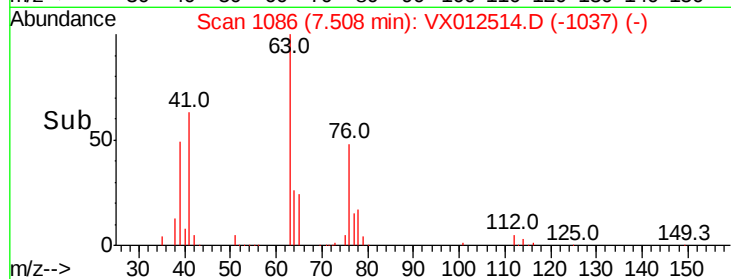
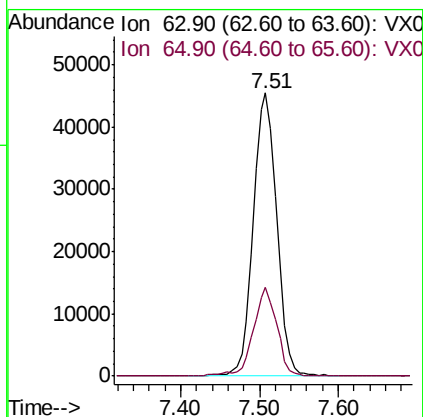
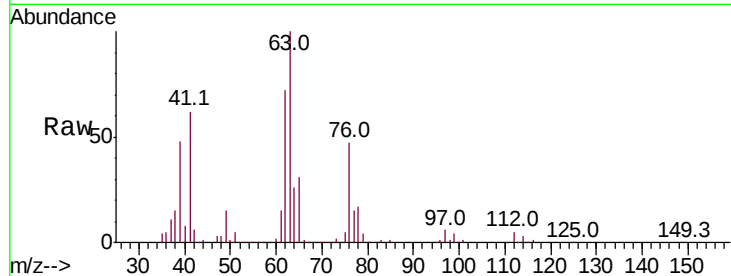
RE122D2-20190909MSD

Tot Ion: 63 Resp: 94355

Ion Ratio Lower Upper

63 100

65 31.2 25.0 37.6



#46

Dibromomethane

Concen: 54.754 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

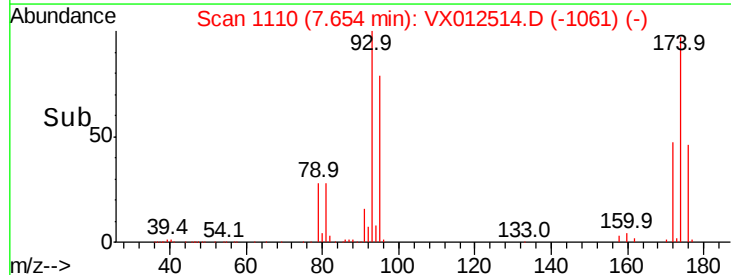
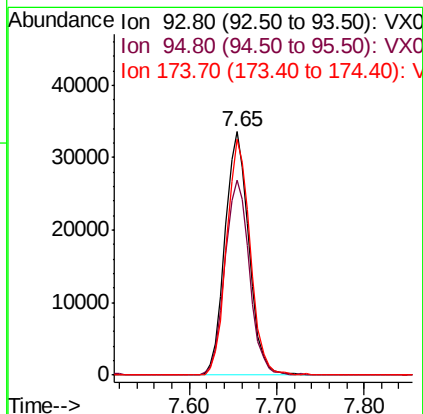
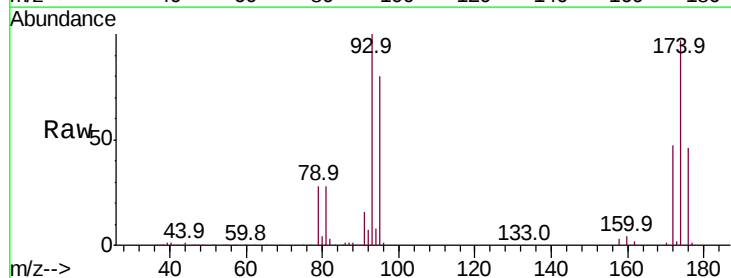
Tgt Ion: 93 Resp: 63750

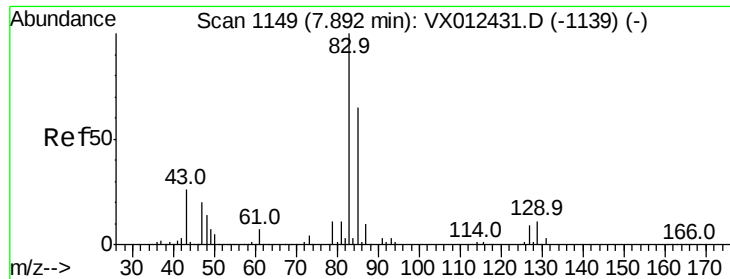
Ion Ratio Lower Upper

93 100

95 82.1 66.6 100.0

174 95.6 77.4 116.0





#47

Bromodichloromethane

Concen: 53.667 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MSD

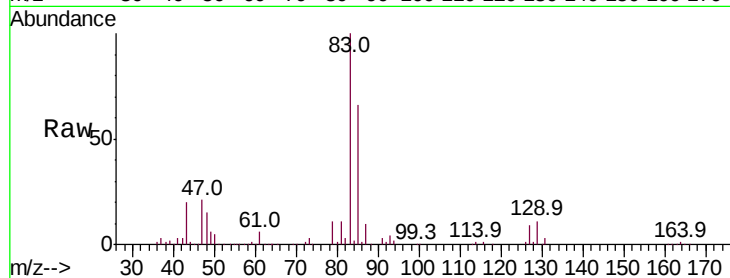
Tot Ion: 83 Resp: 139127

Ion Ratio Lower Upper

83 100

85 66.1 51.8 77.6

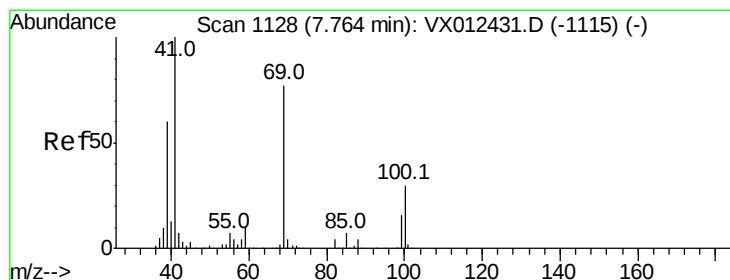
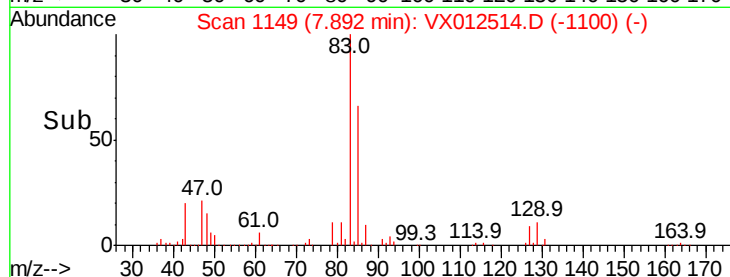
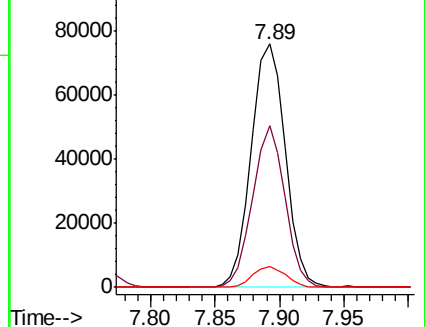
127 8.5 7.3 10.9



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: 52.352 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

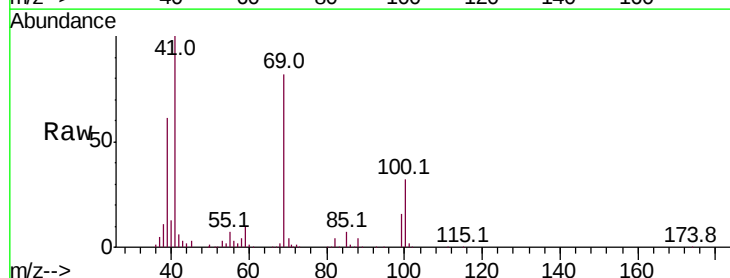
Tgt Ion: 41 Resp: 125210

Ion Ratio Lower Upper

41 100

69 78.5 59.9 89.9

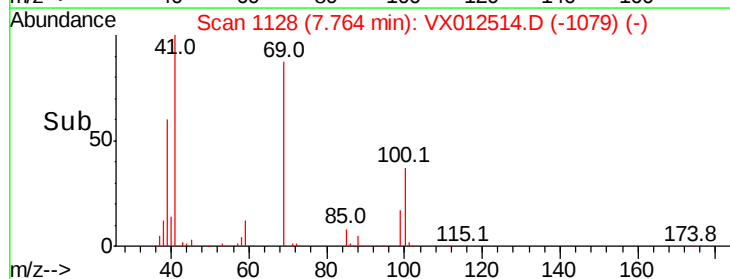
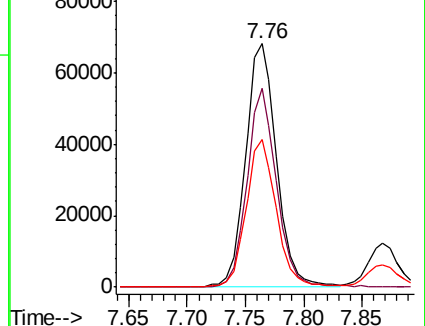
39 59.4 47.8 71.6

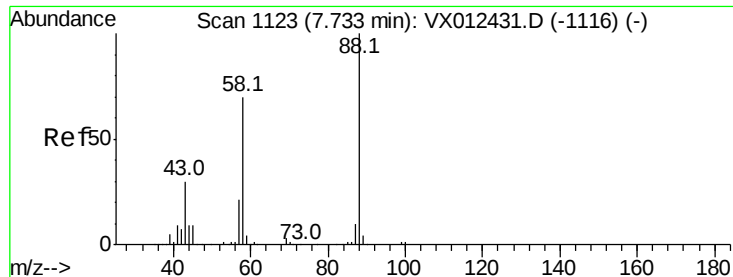


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 966.543 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MSD

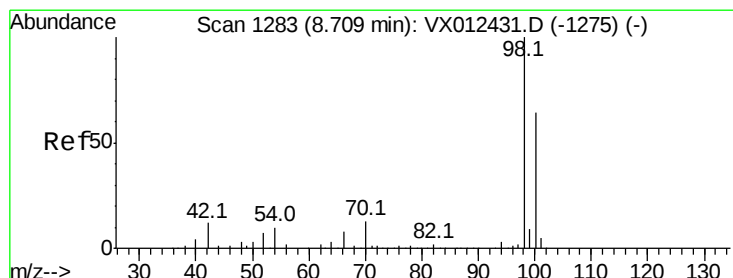
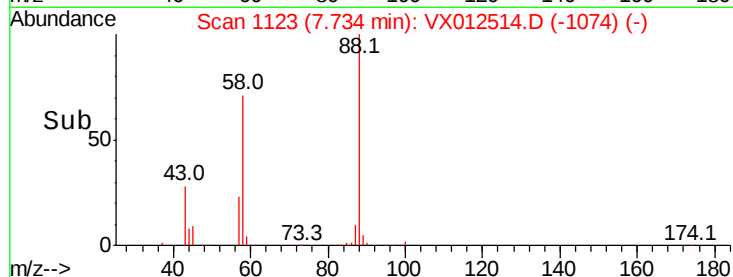
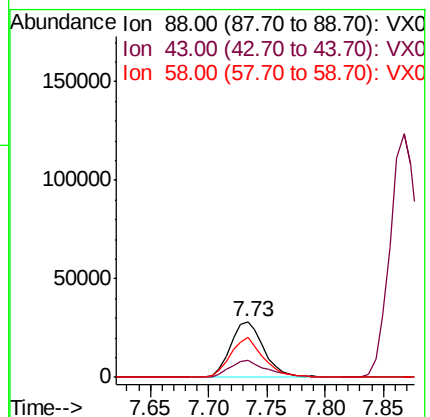
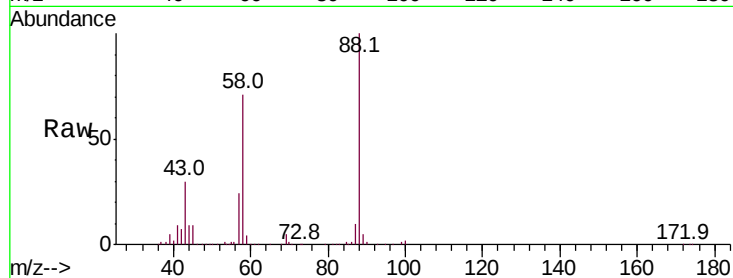
Tot Ion: 88 Resp: 56262

Ion Ratio Lower Upper

88 100

43 34.3 29.4 44.0

58 71.1 57.5 86.3



#50

Toluene-d8

Concen: 47.714 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012514.D

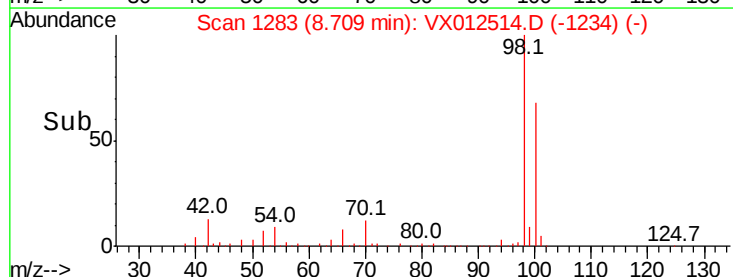
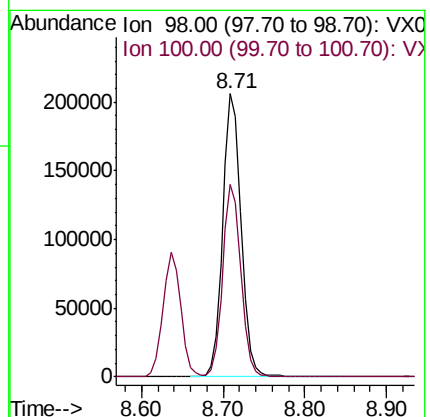
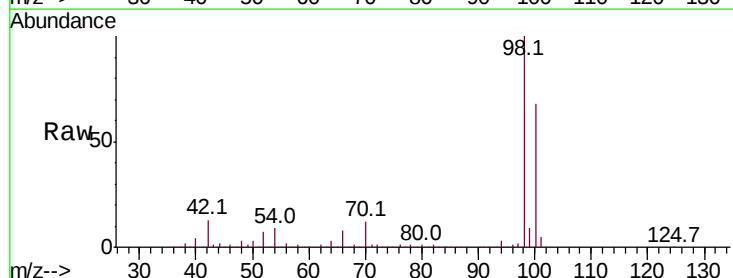
Acq: 19 Sep 2019 07:44

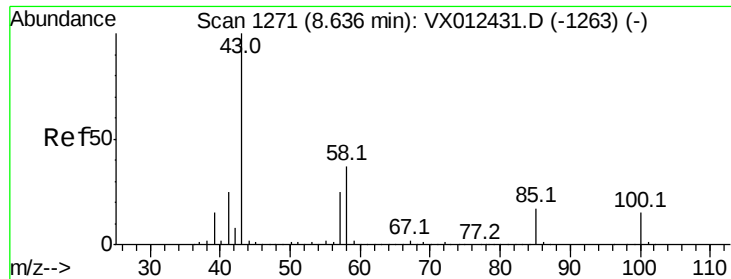
Tgt Ion: 98 Resp: 323915

Ion Ratio Lower Upper

98 100

100 67.1 53.4 80.2

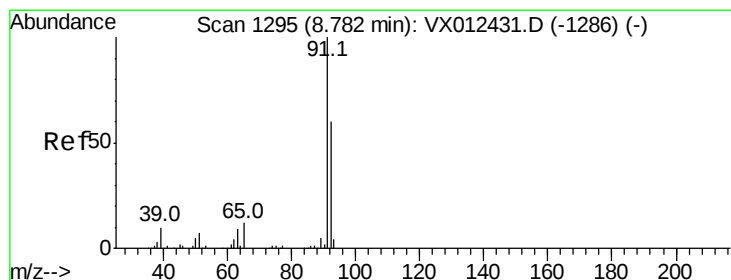
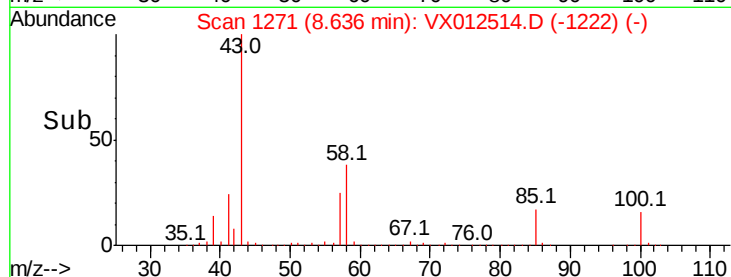
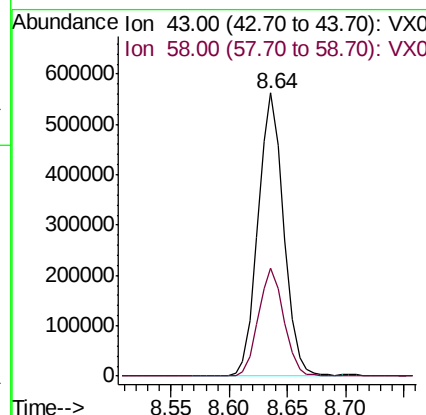
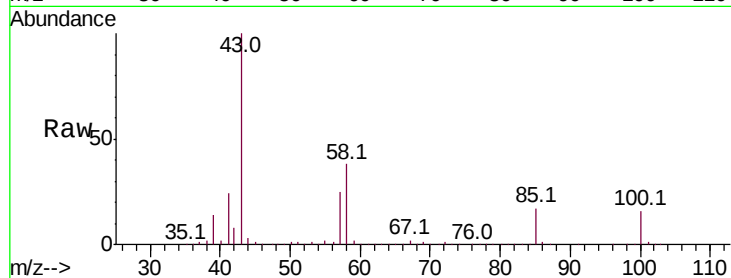




#51
 4-Methyl-2-Pentanone
 Concen: 258.798 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX012514.D
 Acq: 19 Sep 2019 07:44

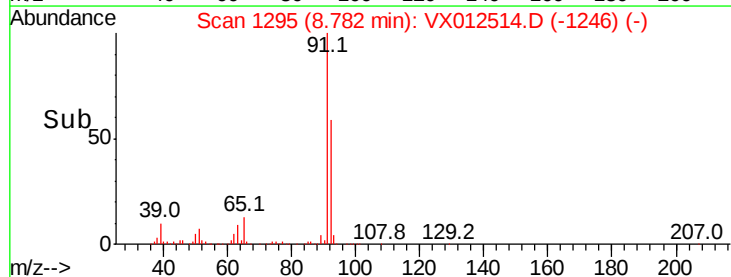
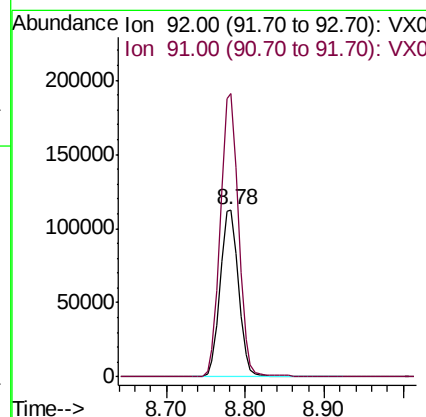
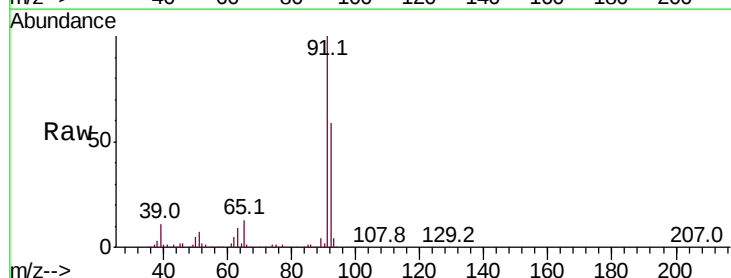
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MSD

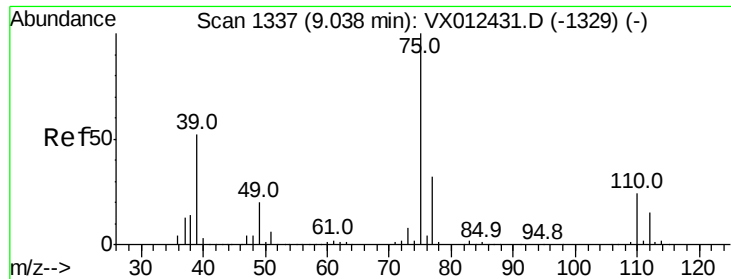
Tot Ion: 43 Resp: 861095
 Ion Ratio Lower Upper
 43 100
 58 37.9 29.8 44.6



#52
 Toluene
 Concen: 48.891 ug/l
 RT: 8.78 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: VX012514.D
 Acq: 19 Sep 2019 07:44

Tgt Ion: 92 Resp: 184493
 Ion Ratio Lower Upper
 92 100
 91 167.7 135.4 203.0





#53

t-1,3-Dichloropropene

Concen: 50.212 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

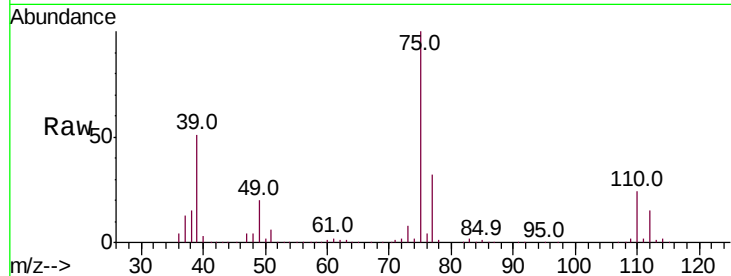
RE122D2-20190909MSD

Tot Ion: 75 Resp: 135312

Ion Ratio Lower Upper

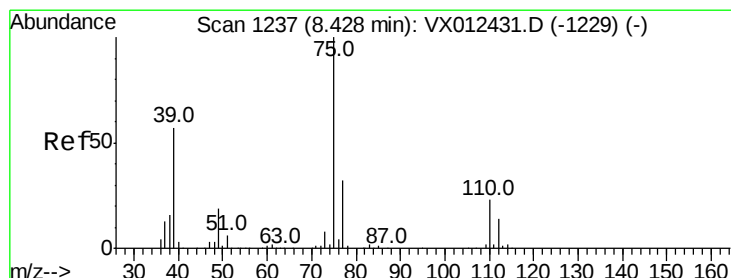
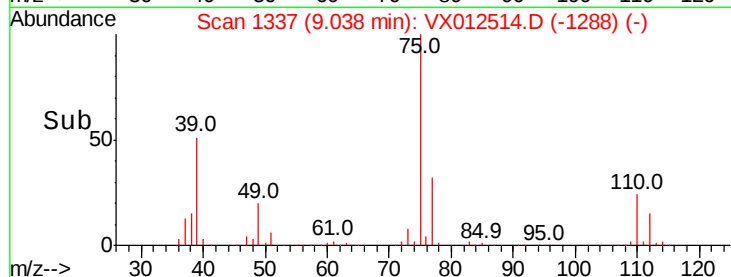
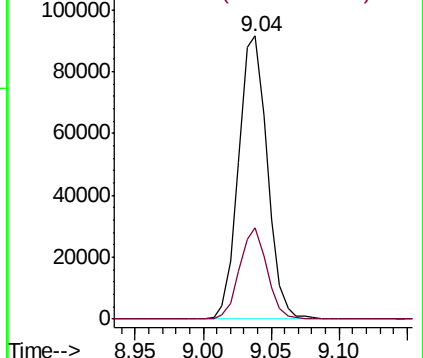
75 100

77 32.1 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 50.328 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

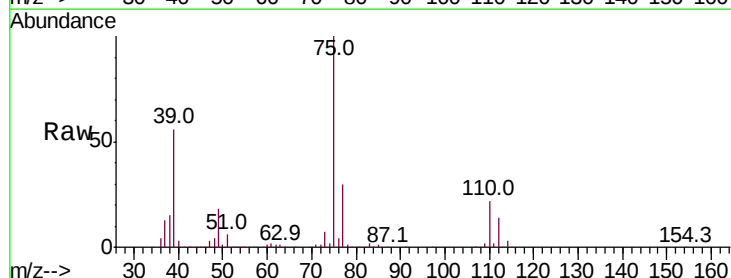
Tgt Ion: 75 Resp: 140409

Ion Ratio Lower Upper

75 100

77 30.0 25.8 38.8

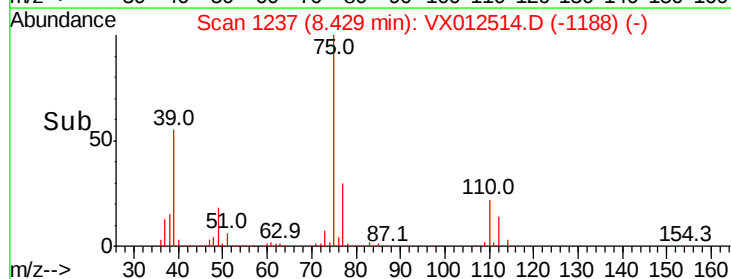
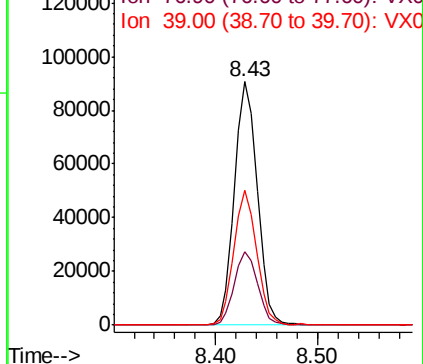
39 55.4 45.5 68.3

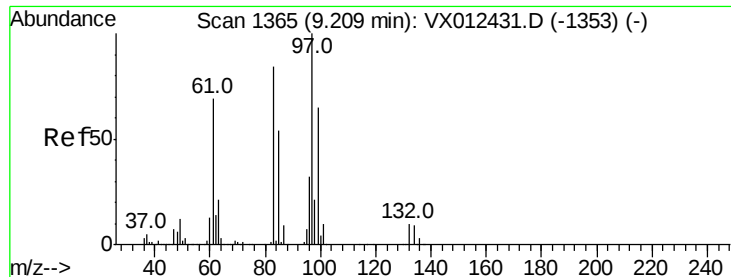


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 53.141 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MSD

Tot Ion: 97 Resp: 103312

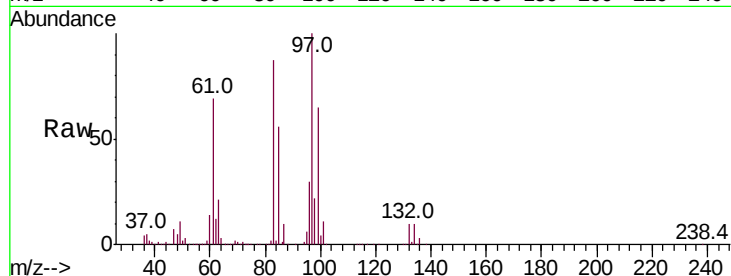
Ion Ratio Lower Upper

97 100

83 87.3 67.4 101.2

85 55.6 43.5 65.3

99 64.7 51.8 77.8

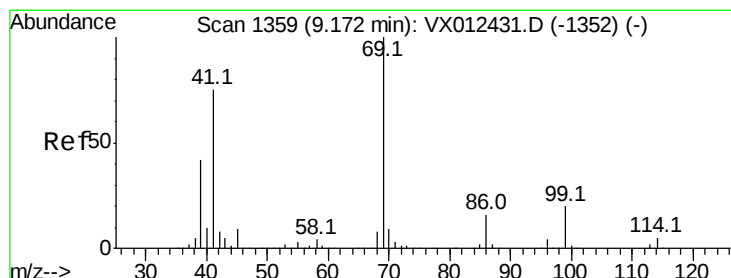
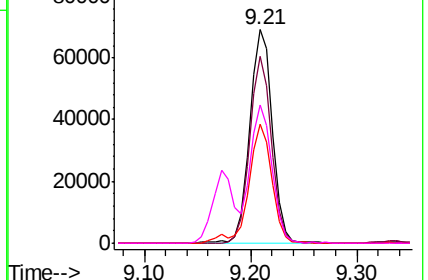
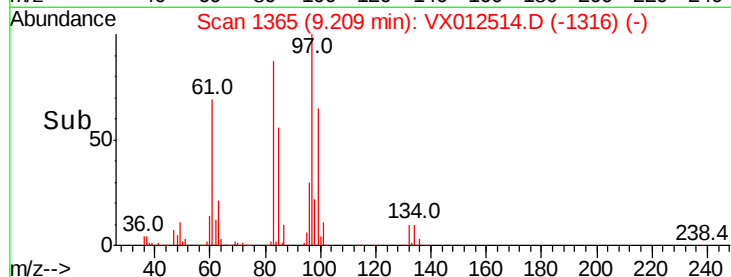


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 54.650 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

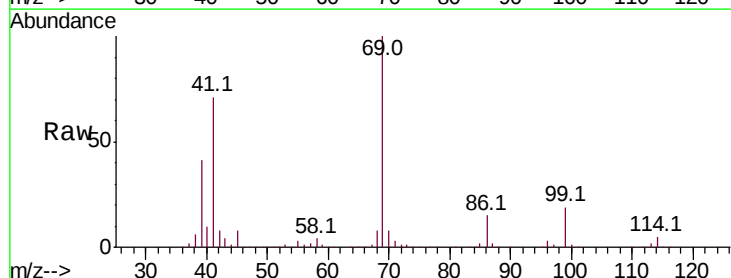
Tgt Ion: 69 Resp: 166116

Ion Ratio Lower Upper

69 100

41 70.8 58.4 87.6

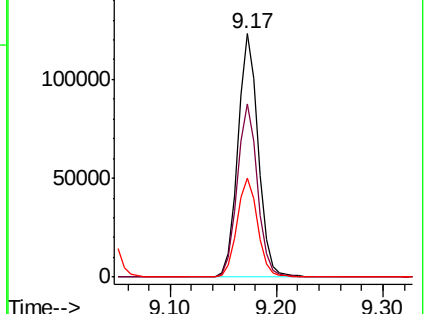
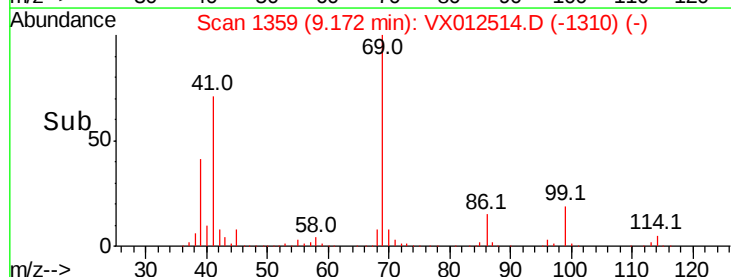
39 40.8 33.4 50.0

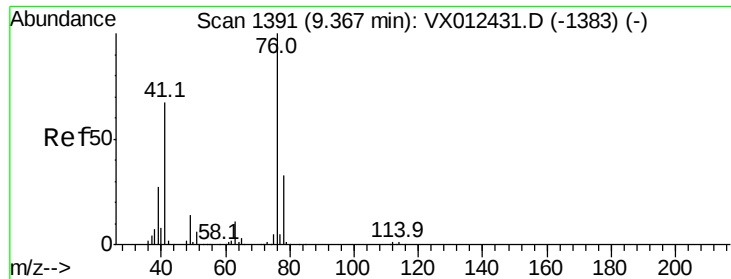


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 53.791 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

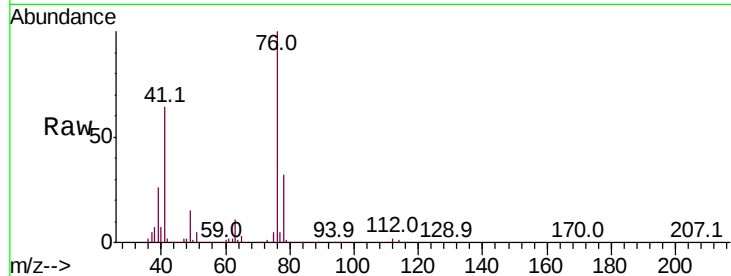
RE122D2-20190909MSD

Tot Ion: 76 Resp: 166852

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

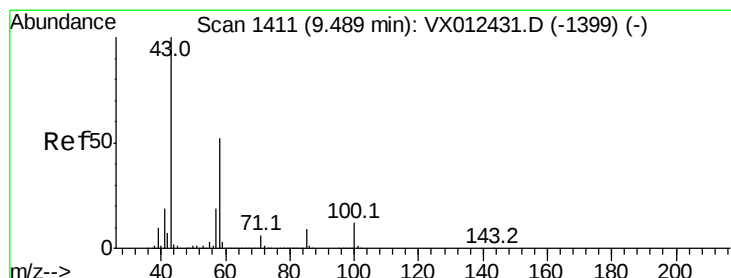
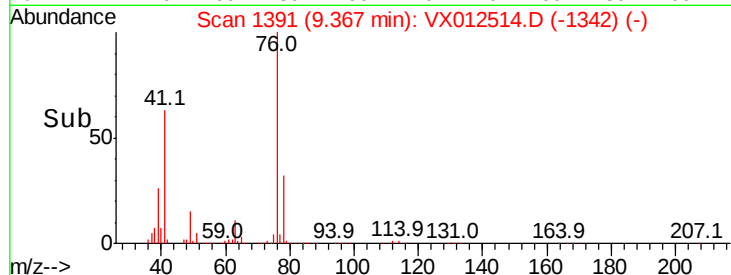
100000

50000

0

9.30 9.35 9.40 9.45

Time-->



#59

2-Hexanone

Concen: 252.839 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX012514.D

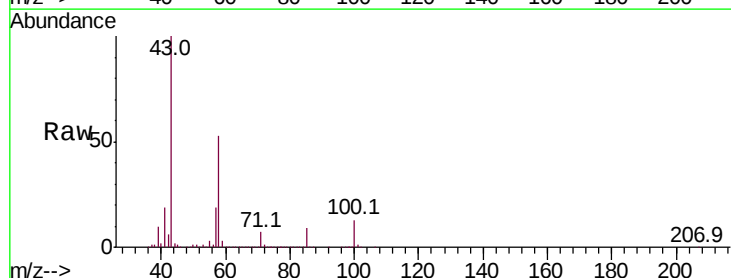
Acq: 19 Sep 2019 07:44

Tgt Ion: 43 Resp: 656328

Ion Ratio Lower Upper

43 100

58 52.2 25.7 77.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

500000

400000

300000

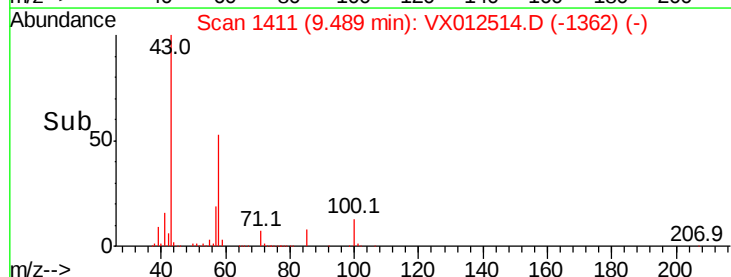
200000

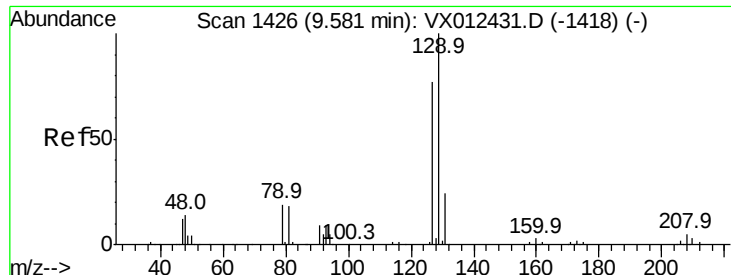
100000

0

9.40 9.50 9.60

Time-->





#60

Dibromochloromethane

Concen: 56.374 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

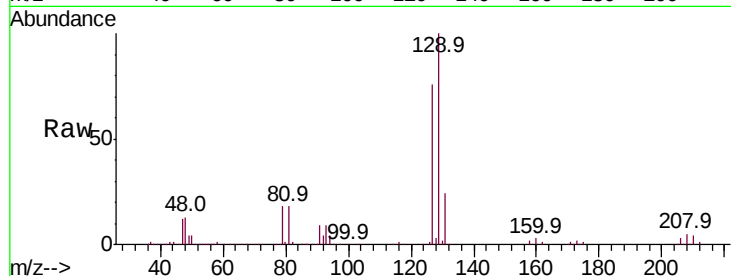
RE122D2-20190909MSD

Tot Ion:129 Resp: 111638

Ion Ratio Lower Upper

129 100

127 77.0 38.9 116.6



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.58

80000

60000

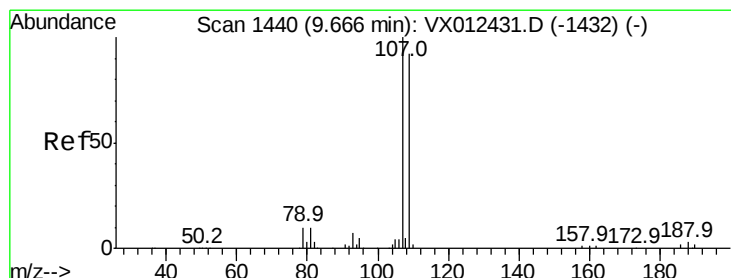
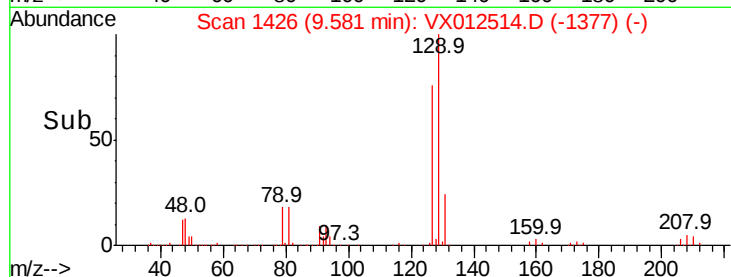
40000

20000

0

9.50 9.55 9.60 9.65 9.70

Time-->



#61

1,2-Dibromoethane

Concen: 54.814 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012514.D

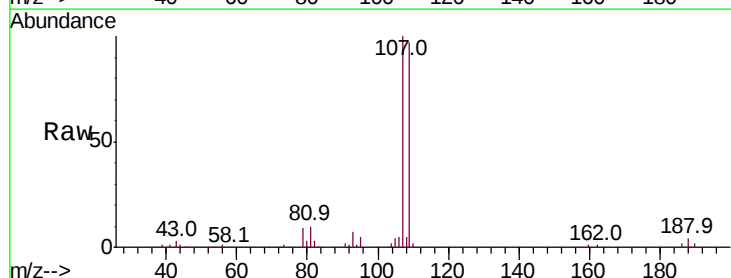
Acq: 19 Sep 2019 07:44

Tgt Ion:107 Resp: 97326

Ion Ratio Lower Upper

107 100

109 96.3 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

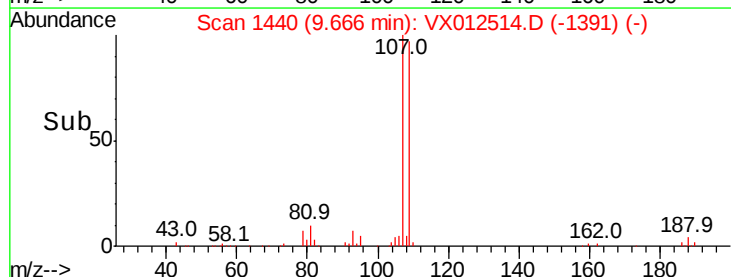
40000

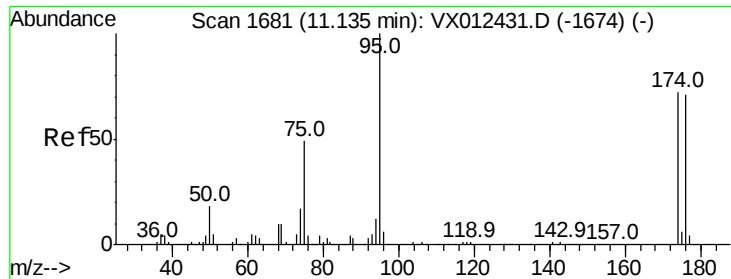
20000

0

9.60 9.65 9.70 9.75

Time-->

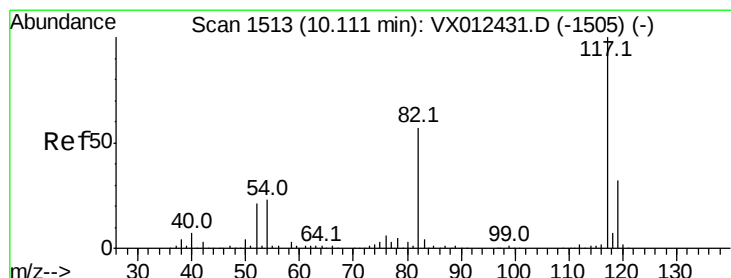
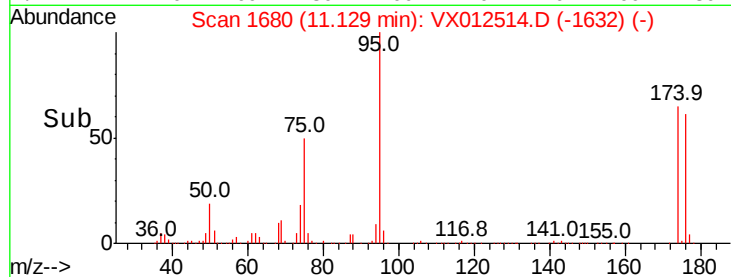
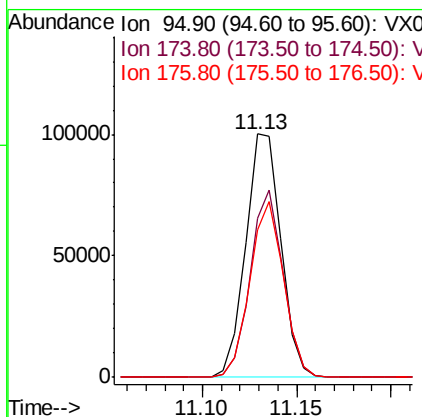
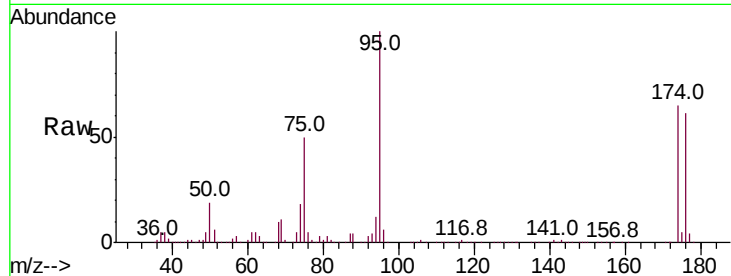




#62
4-Bromofluorobenzene
Concen: 46.223 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

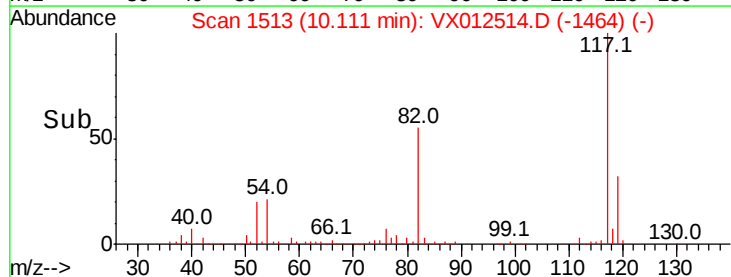
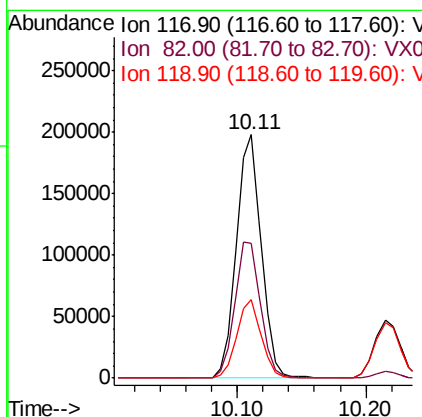
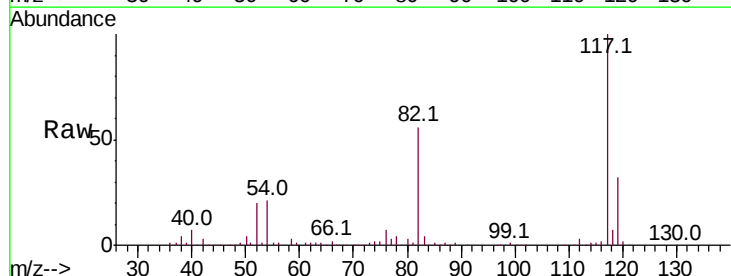
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MSD

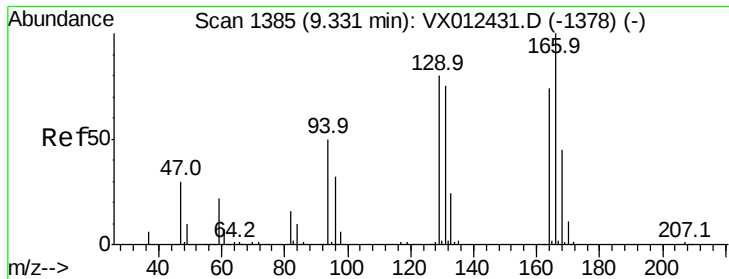
Tot Ion: 95 Resp: 130289
Ion Ratio Lower Upper
95 100
174 72.0 0.0 140.0
176 69.0 0.0 135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Tgt Ion: 117 Resp: 266105
Ion Ratio Lower Upper
117 100
82 55.5 45.9 68.9
119 32.0 25.3 37.9





#64

Tetrachloroethene

Concen: 45.670 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MSD

Tot Ion:164 Resp: 55690

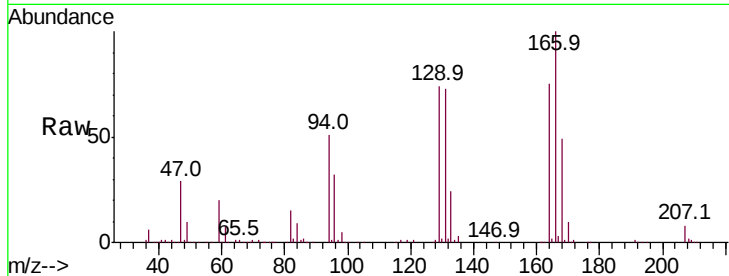
Ion Ratio Lower Upper

164 100

166 133.6 107.8 161.6

129 99.0 86.2 129.2

131 97.0 80.4 120.6



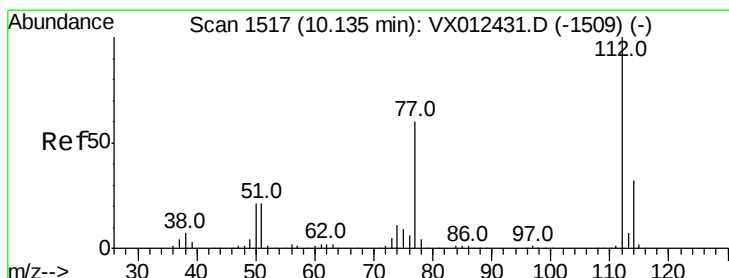
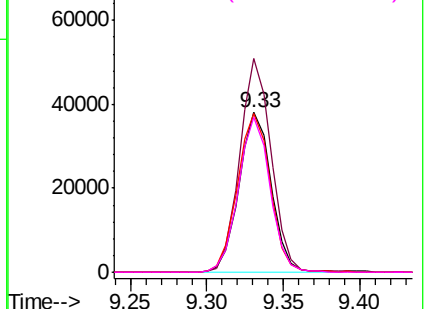
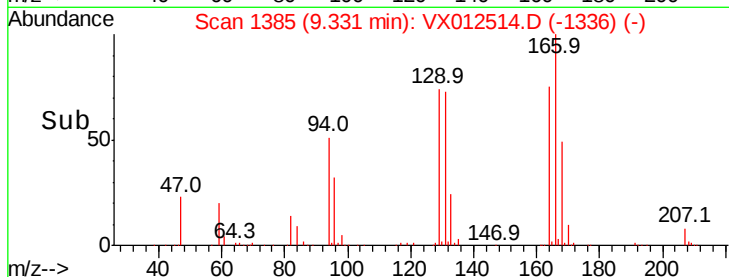
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 49.941 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012514.D

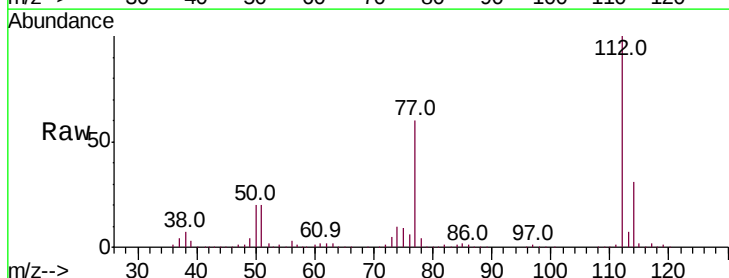
Acq: 19 Sep 2019 07:44

Tgt Ion:112 Resp: 219342

Ion Ratio Lower Upper

112 100

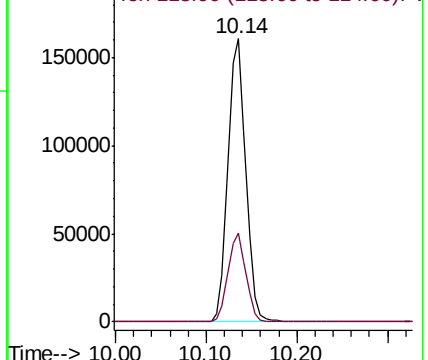
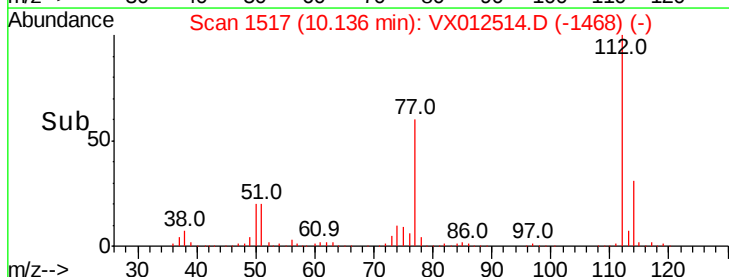
114 31.5 25.4 38.0

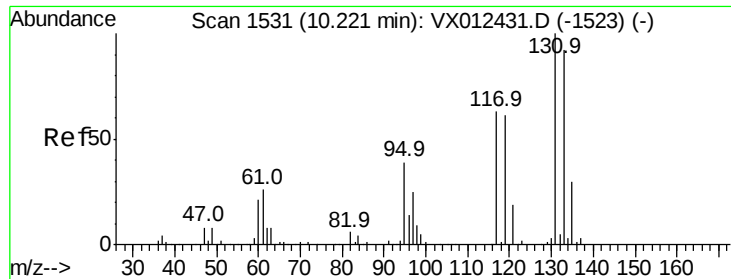


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 54.229 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MSD

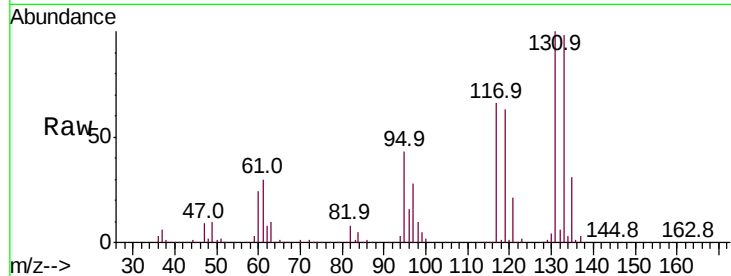
Tot Ion:131 Resp: 98849

Ion Ratio Lower Upper

131 100

133 95.2 47.6 142.9

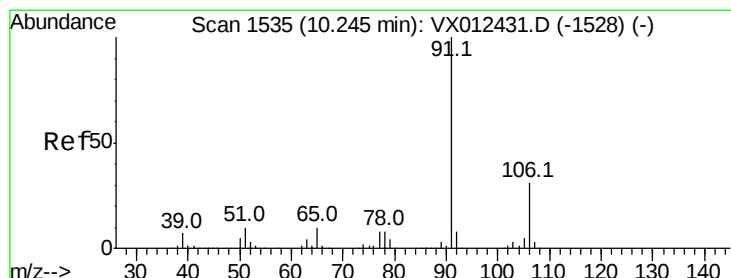
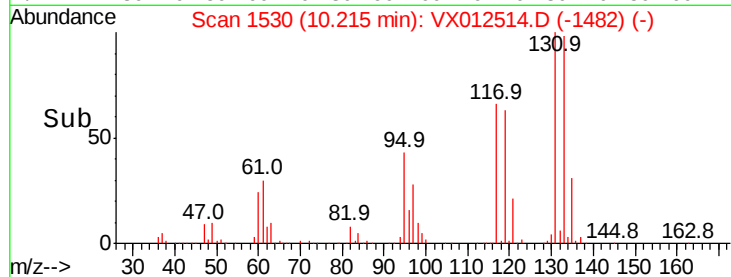
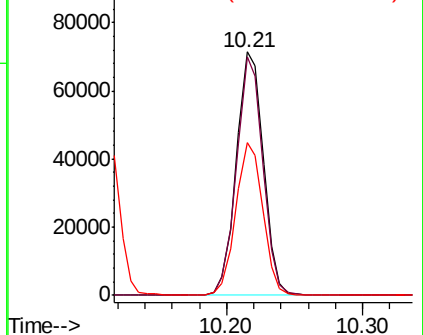
119 62.6 31.3 93.8



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: 45.679 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX012514.D

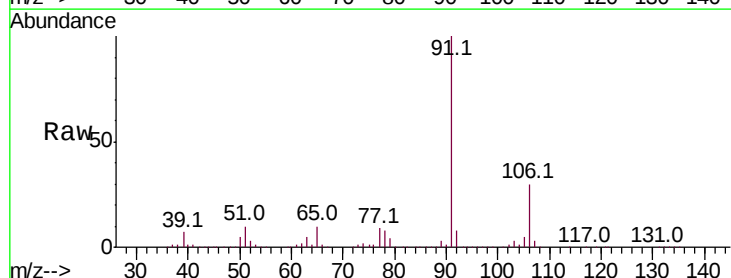
Acq: 19 Sep 2019 07:44

Tgt Ion: 91 Resp: 344683

Ion Ratio Lower Upper

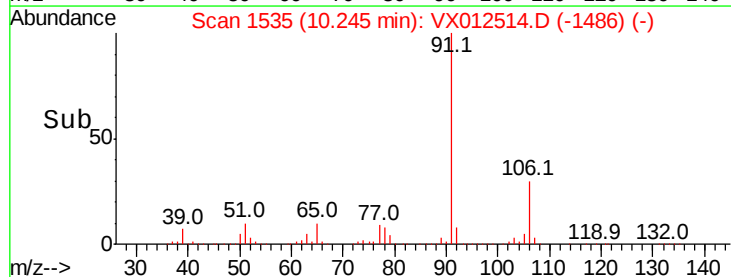
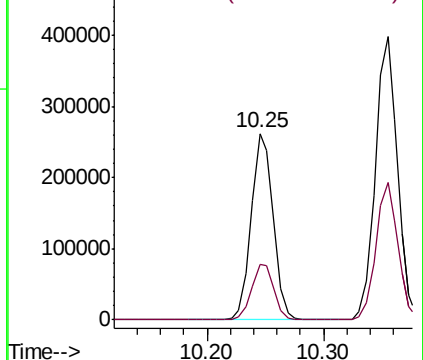
91 100

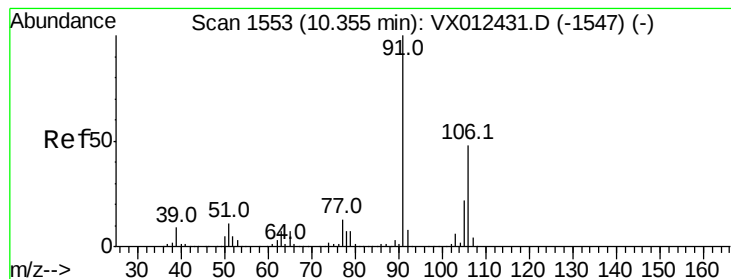
106 29.6 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 92.726 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

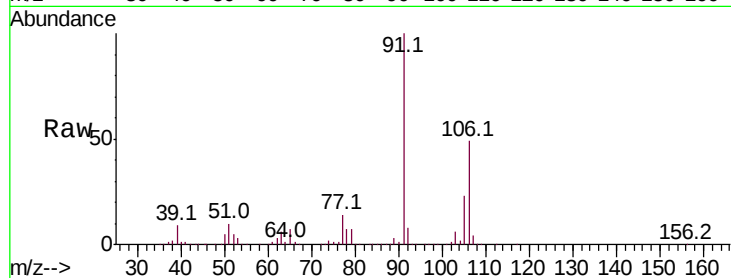
RE122D2-20190909MSD

Tot Ion:106 Resp: 254583

Ion Ratio Lower Upper

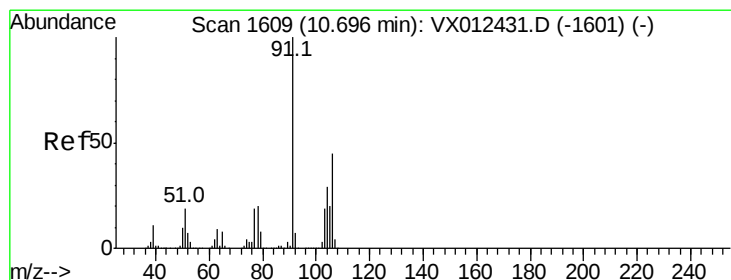
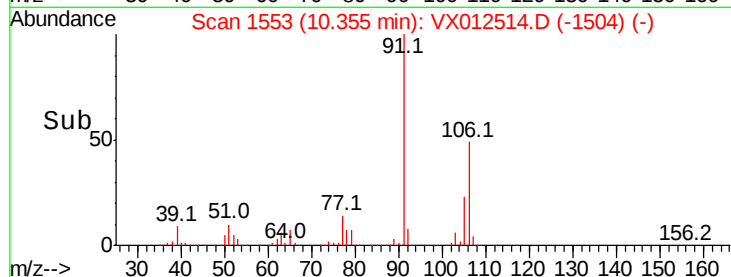
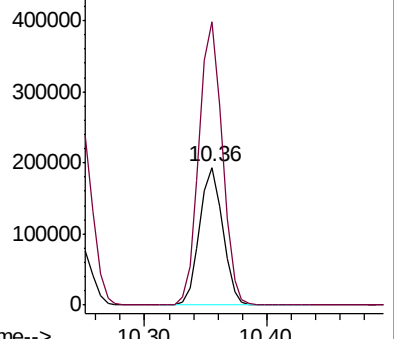
106 100

91 206.3 166.6 250.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 49.122 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX012514.D

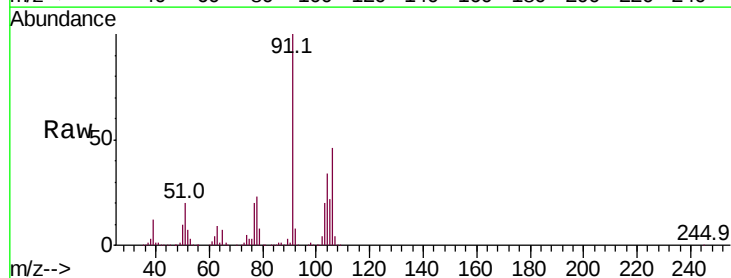
Acq: 19 Sep 2019 07:44

Tgt Ion:106 Resp: 138698

Ion Ratio Lower Upper

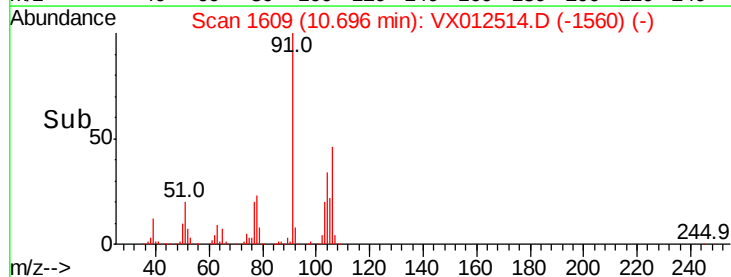
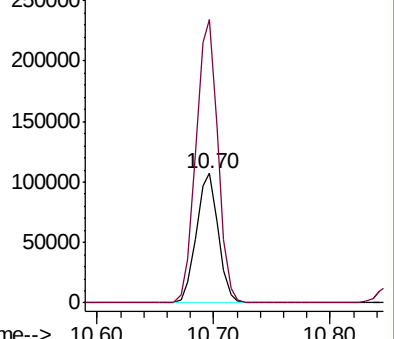
106 100

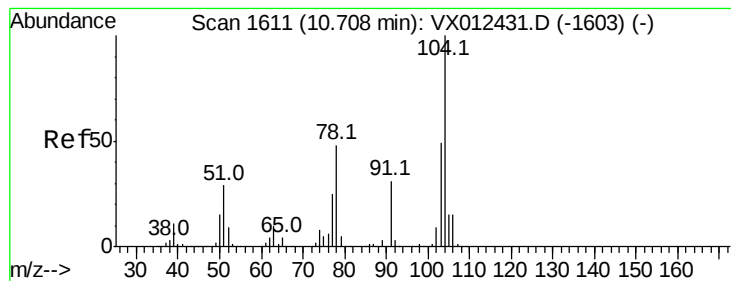
91 218.5 109.4 328.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Stvrene

Concen: 50.264 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MSD

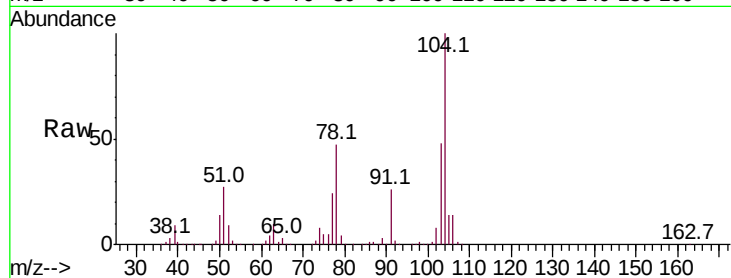
Tot Ion:104 Resp: 251106

Ion Ratio Lower Upper

104 100

78 54.0 43.4 65.2

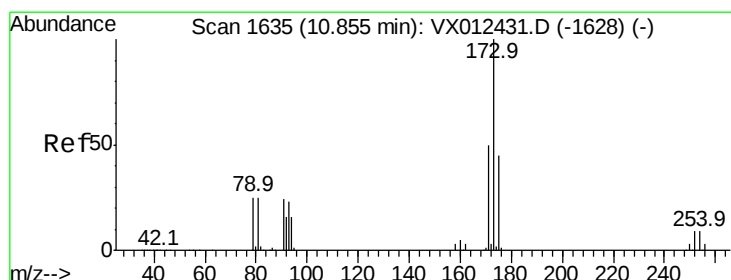
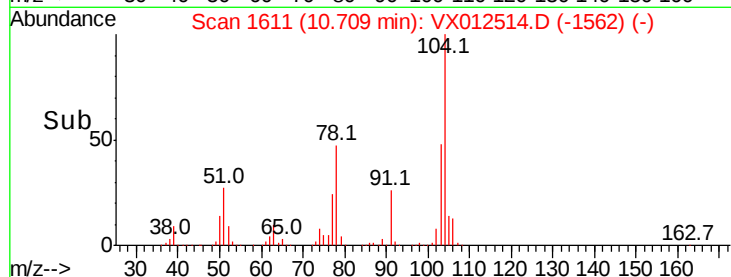
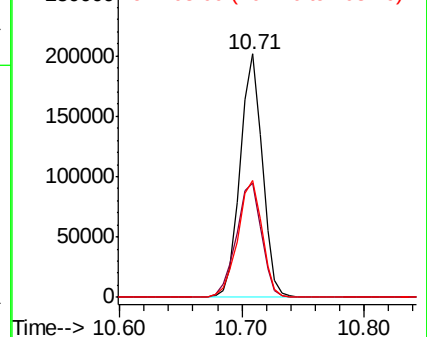
103 52.9 43.3 64.9



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: 49.985 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

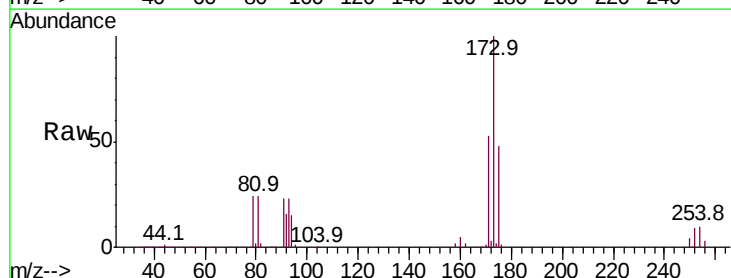
Tgt Ion:173 Resp: 78448

Ion Ratio Lower Upper

173 100

175 47.6 23.7 71.1

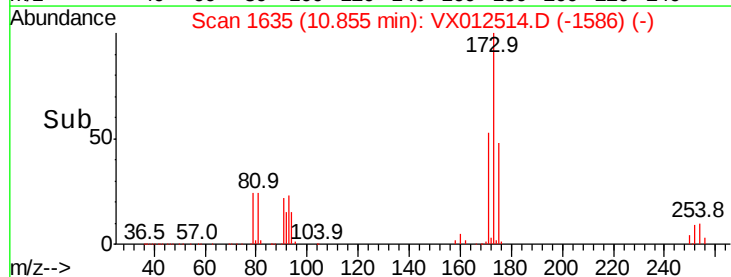
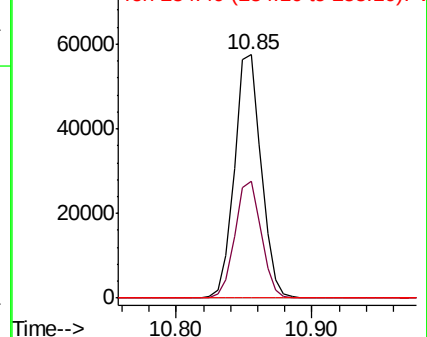
254 0.1 0.1 0.1#

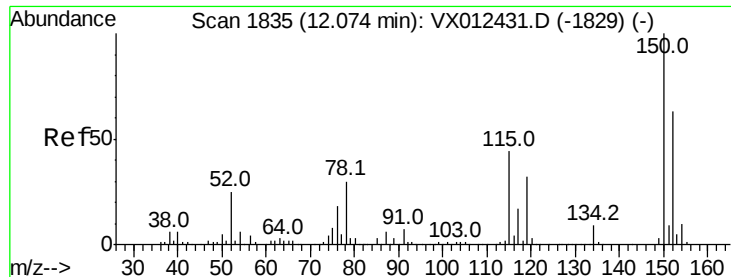


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MSD

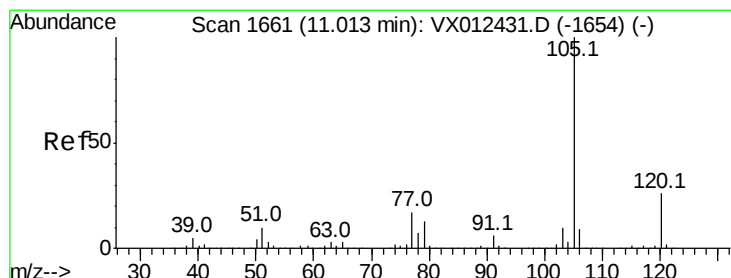
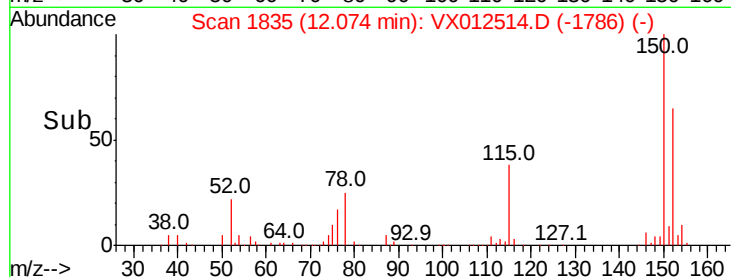
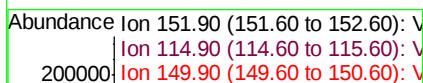
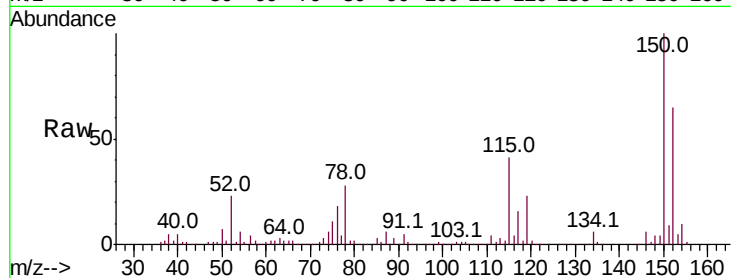
Tot Ion:152 Resp: 122810

Ion Ratio Lower Upper

152 100

115 79.5 44.1 132.3

150 169.8 0.0 343.8



#73

Isopropylbenzene

Concen: 44.006 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012514.D

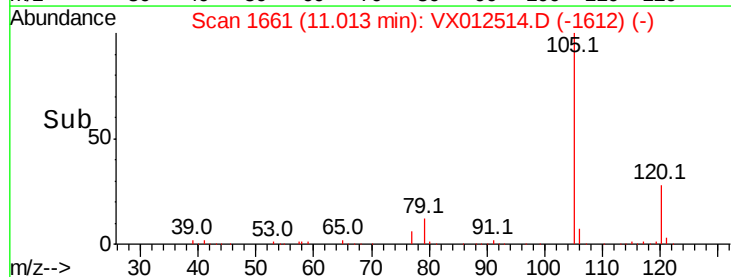
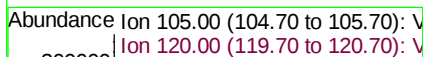
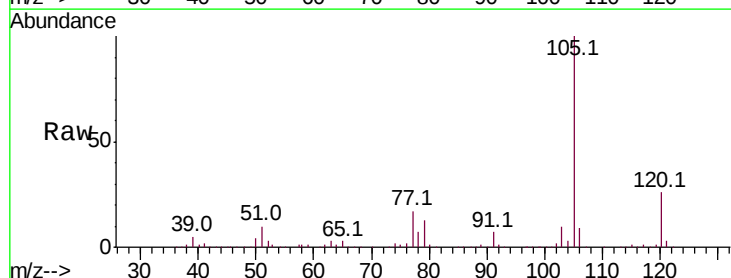
Acq: 19 Sep 2019 07:44

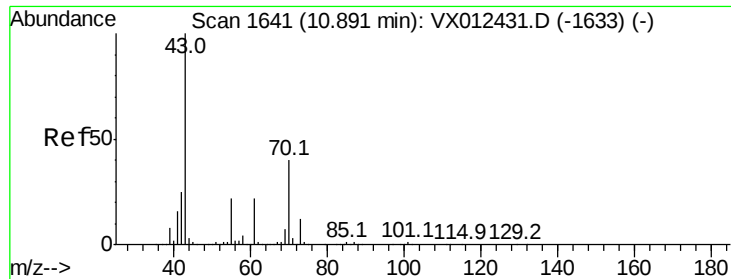
Tgt Ion:105 Resp: 339094

Ion Ratio Lower Upper

105 100

120 26.4 12.9 38.7





#74

N-amvl acetate

Concen: 56.647 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

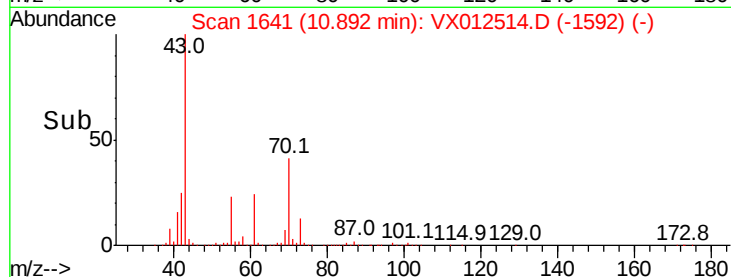
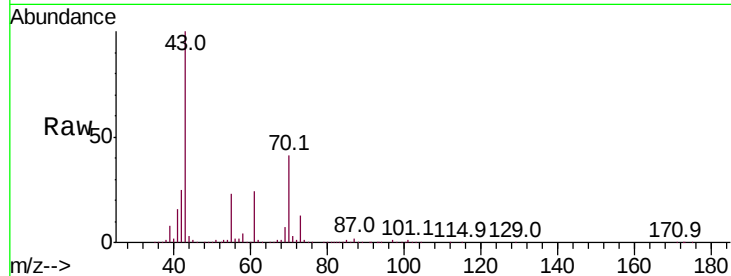
MSVOA_X

ClientSampleId :

RE122D2-20190909MSD

Tot Ion: 43 Resp: 235003

Ion	Ratio	Lower	Upper
43	100		
70	41.6	32.4	48.6
55	23.5	18.2	27.4
61	24.2	18.5	27.7



Abundance

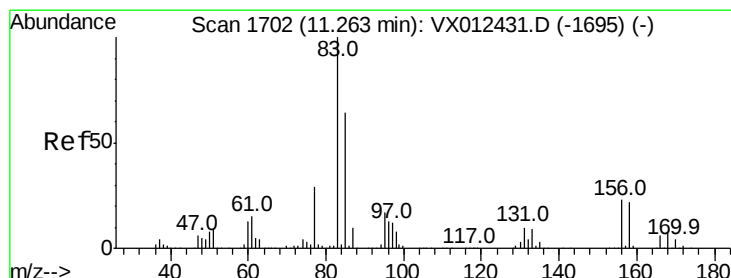
Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 57.311 ug/l

RT: 11.26 min Scan# 1702

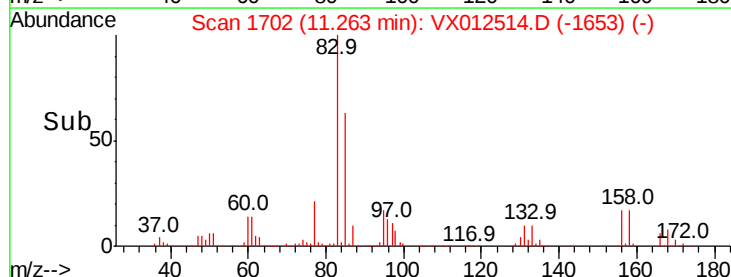
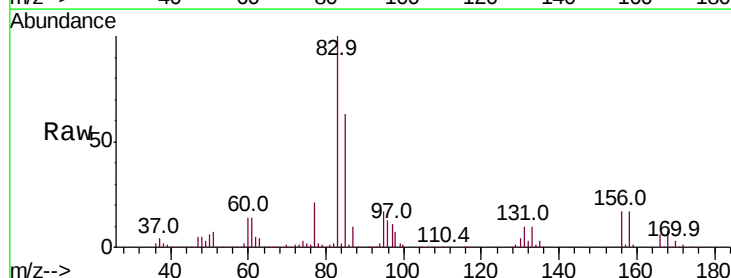
Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Tgt Ion: 83 Resp: 173236

Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.2	15.6
85	63.9	32.0	96.0



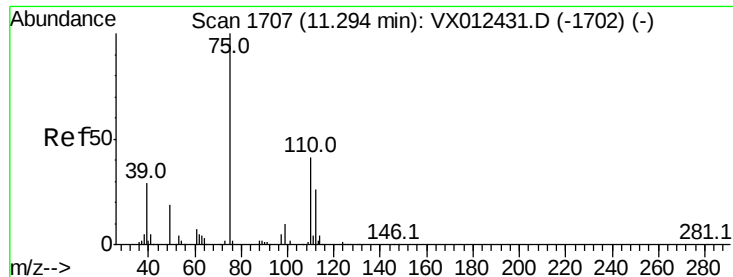
Abundance

Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

Time-->



#76

1,2,3-Trichloropropane

Concen: 66.730 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

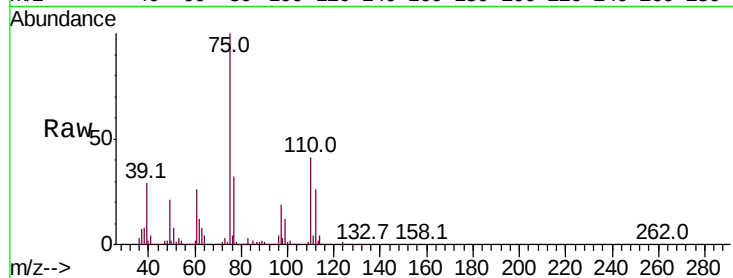
RE122D2-20190909MSD

Tot Ion: 75 Resp: 188249

Ion Ratio Lower Upper

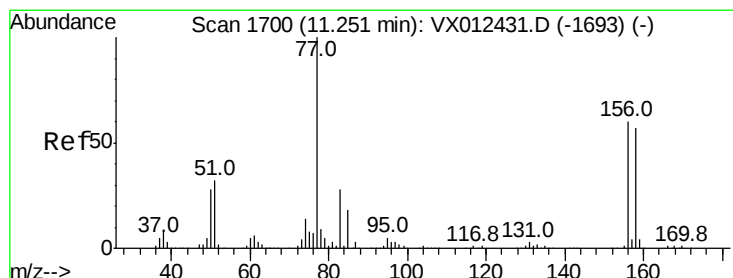
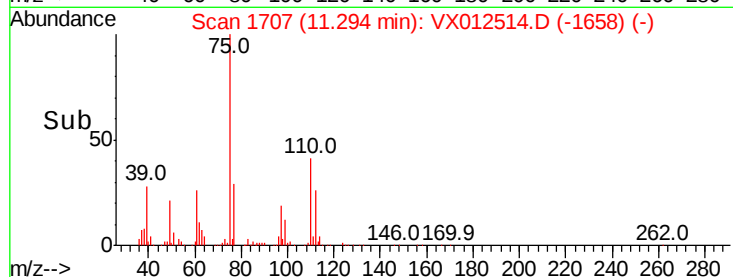
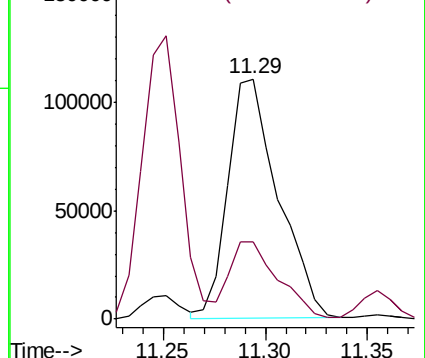
75 100

77 31.2 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 53.012 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

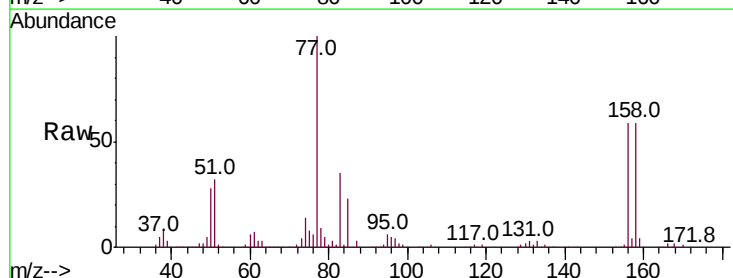
Tgt Ion: 156 Resp: 99624

Ion Ratio Lower Upper

156 100

77 173.1 87.3 261.8

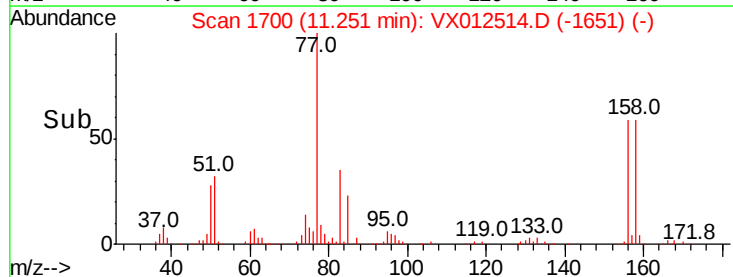
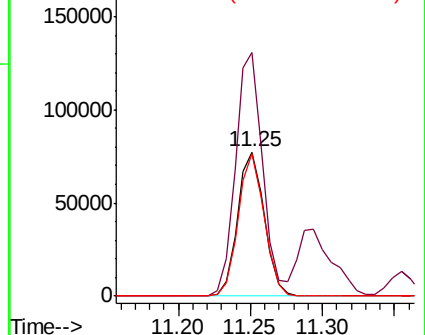
158 96.9 48.5 145.6

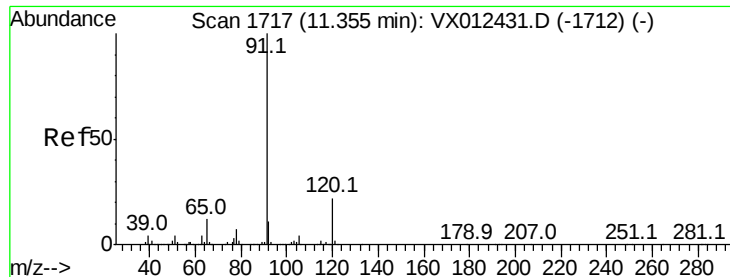


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 42.019 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

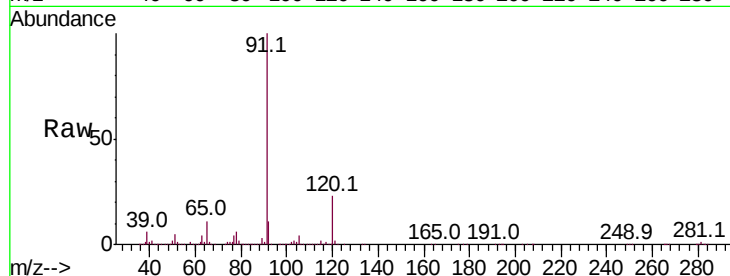
RE122D2-20190909MSD

Tot Ion: 91 Resp: 360869

Ion Ratio Lower Upper

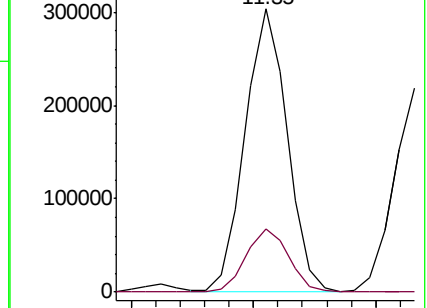
91 100

120 22.8 11.3 33.8

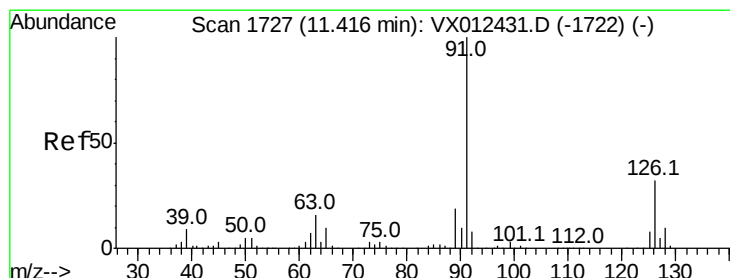
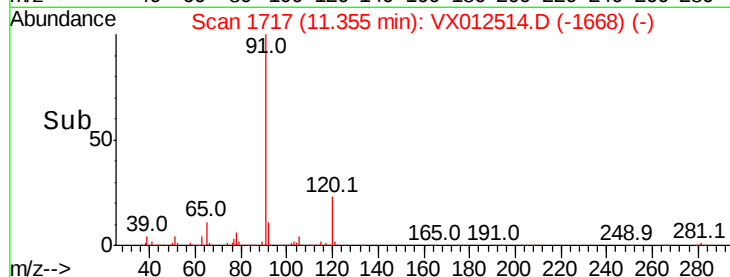


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



Time--> 11.30 11.35 11.40



#79

2-Chlorotoluene

Concen: 46.822 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012514.D

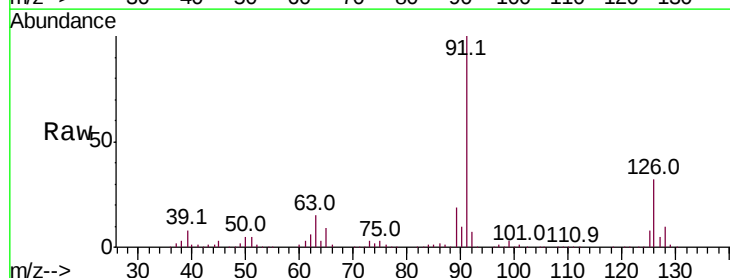
Acq: 19 Sep 2019 07:44

Tgt Ion: 91 Resp: 261599

Ion Ratio Lower Upper

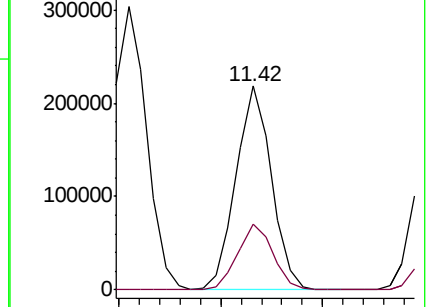
91 100

126 32.5 16.4 49.4

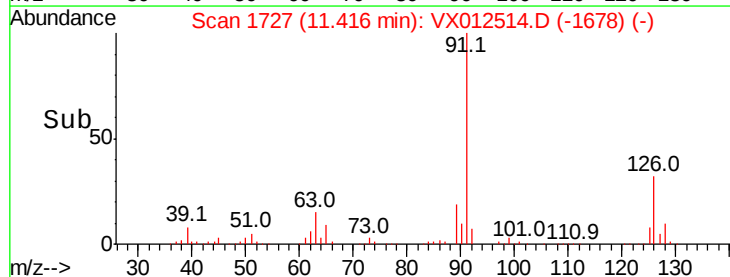


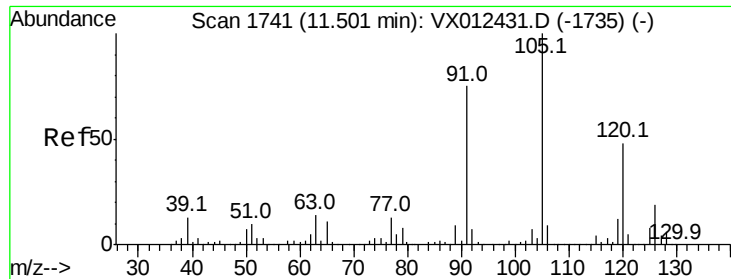
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



Time--> 11.35 11.40 11.45

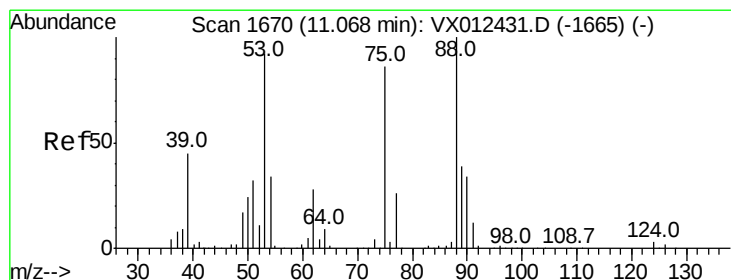
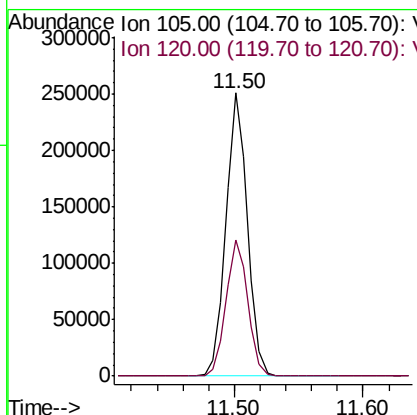
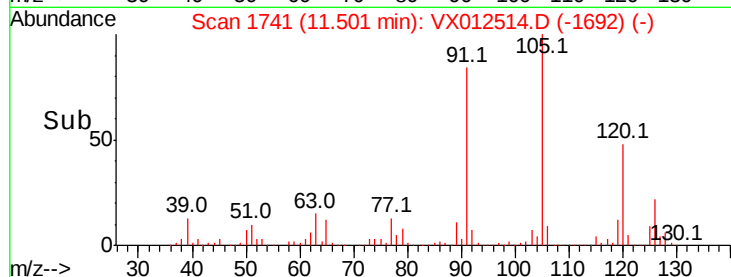
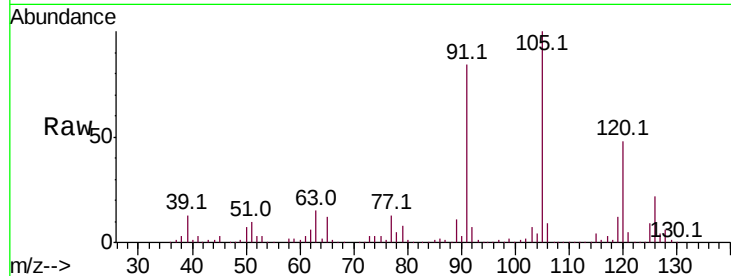




#80
 1,3,5-Trimethylbenzene
 Concen: 44.719 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012514.D
 Acq: 19 Sep 2019 07:44

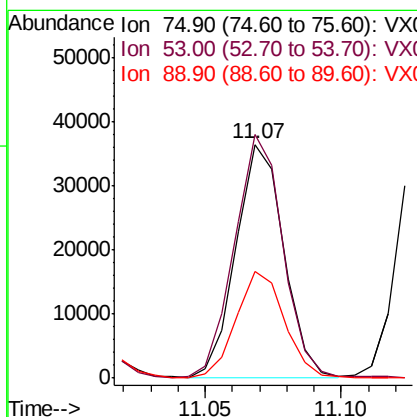
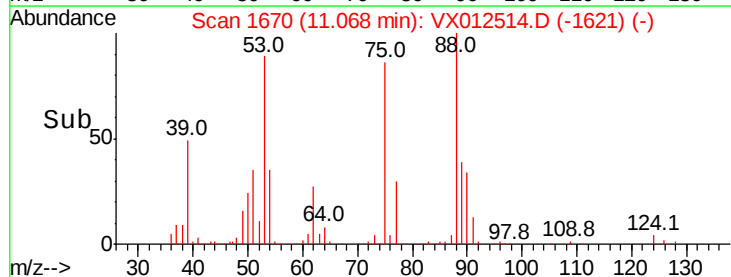
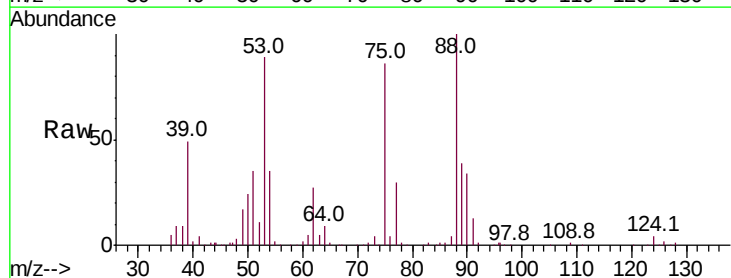
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MSD

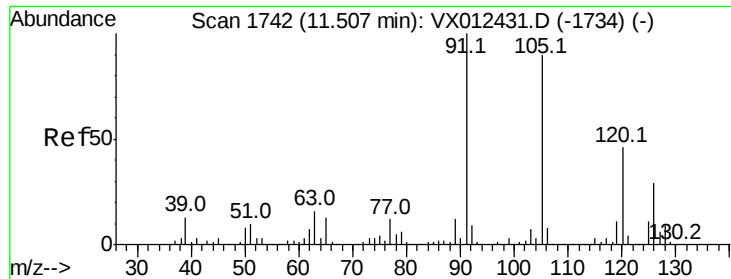
Tot Ion:105 Resp: 293879
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.372 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012514.D
 Acq: 19 Sep 2019 07:44

Tgt Ion: 75 Resp: 44118
 Ion Ratio Lower Upper
 75 100
 53 105.8 83.6 125.4
 89 46.7 36.3 54.5

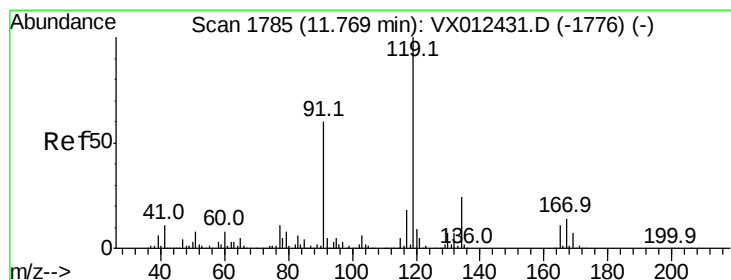
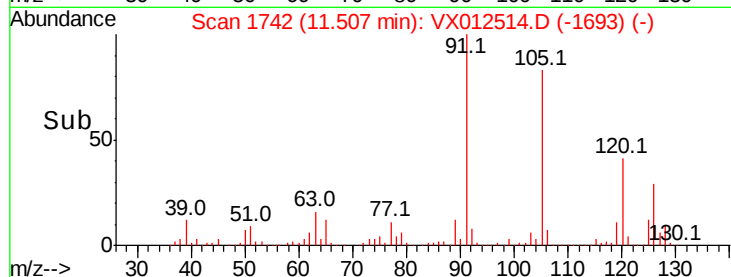
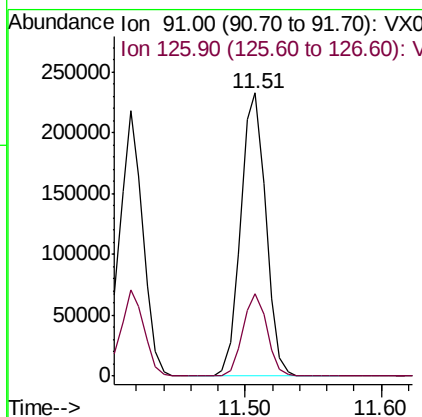
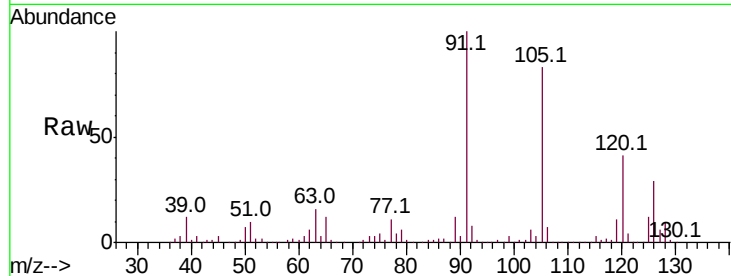




#82
4-Chlorotoluene
Concen: 46.663 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

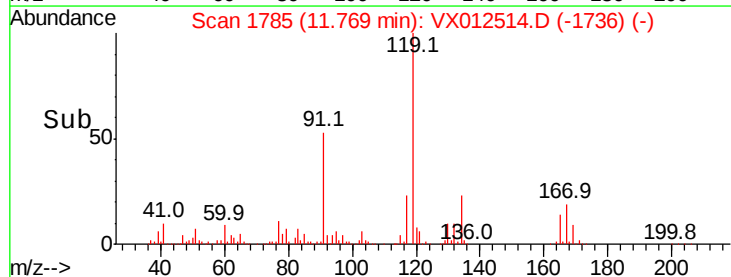
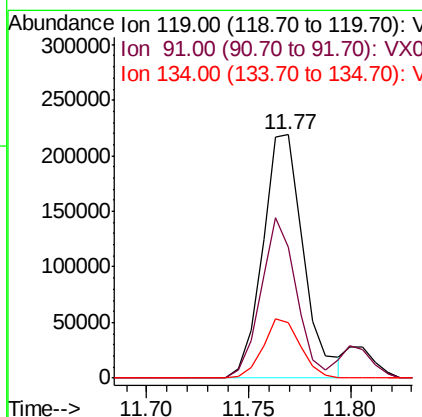
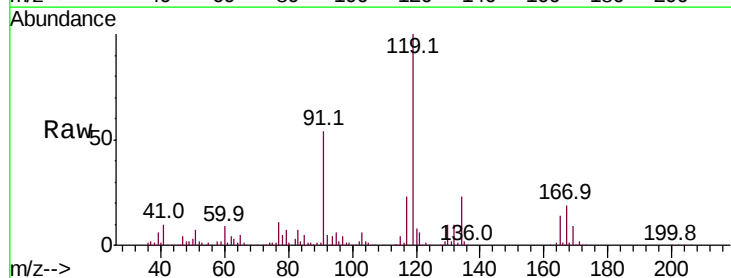
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MSD

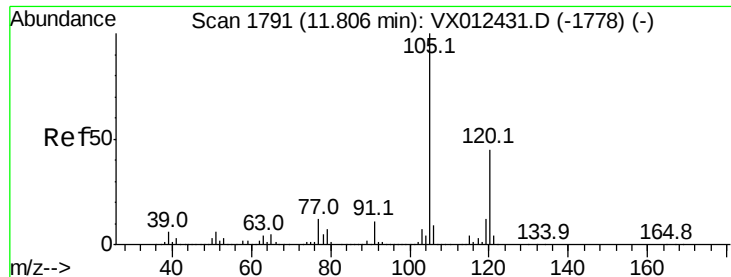
Tot Ion: 91 Resp: 299216
Ion Ratio Lower Upper
91 100
126 28.3 14.4 43.0



#83
tert-Butylbenzene
Concen: 43.325 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Tgt Ion: 119 Resp: 305090
Ion Ratio Lower Upper
119 100
91 57.2 30.0 90.0
134 22.5 11.3 33.9

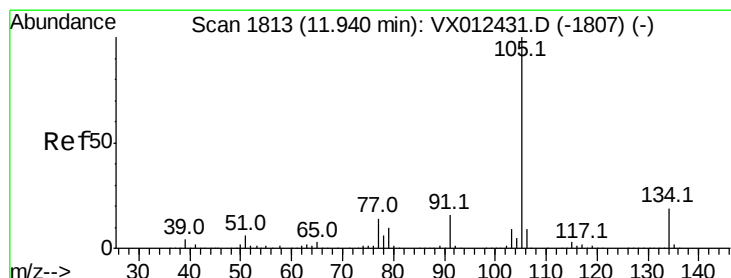
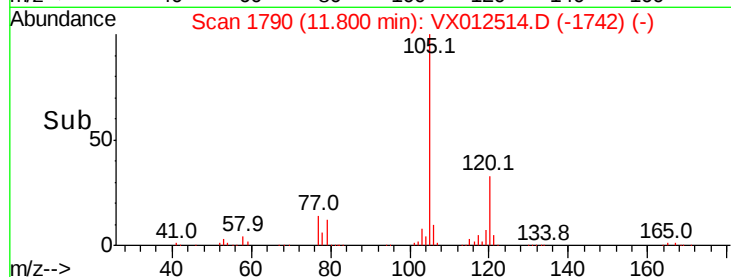
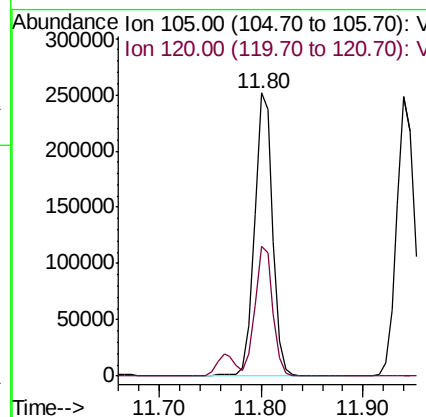
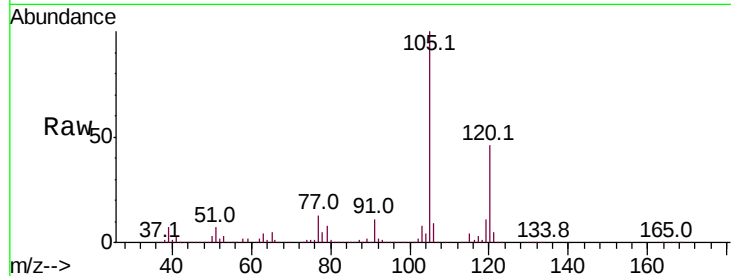




#84
 1,2,4-Trimethylbenzene
 Concen: 46.136 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012514.D
 Acq: 19 Sep 2019 07:44

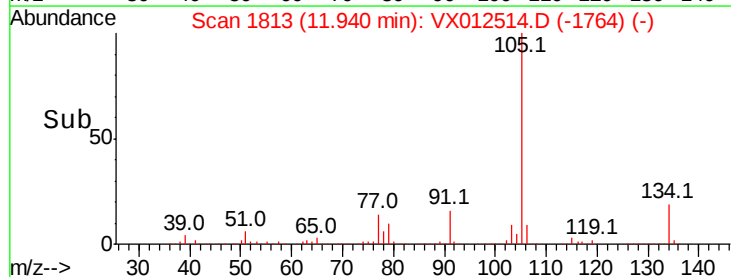
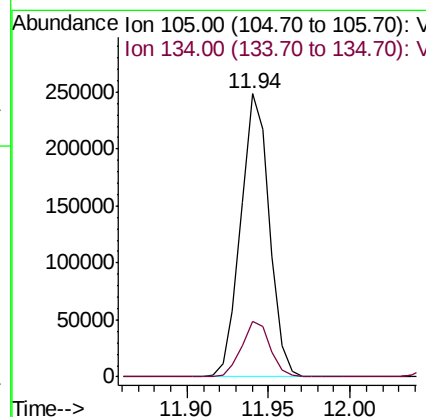
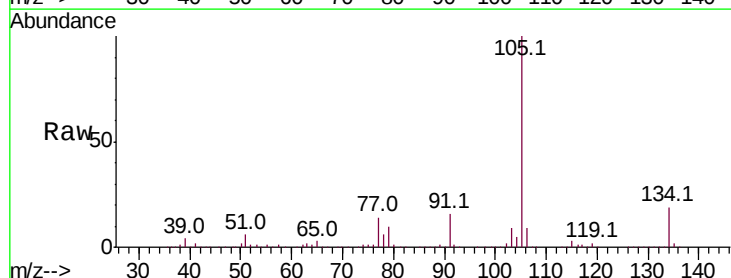
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MSD

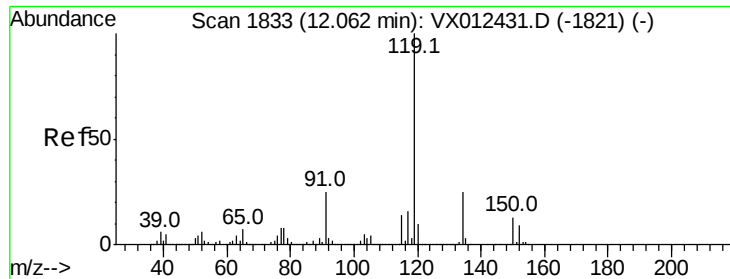
Tot Ion:105 Resp: 311304
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.2 66.6



#85
 sec-Butylbenzene
 Concen: 39.079 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012514.D
 Acq: 19 Sep 2019 07:44

Tgt Ion:105 Resp: 303232
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

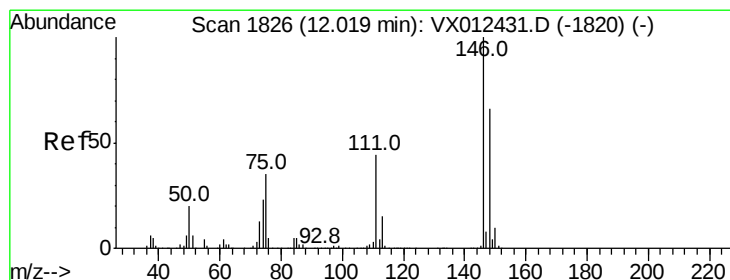
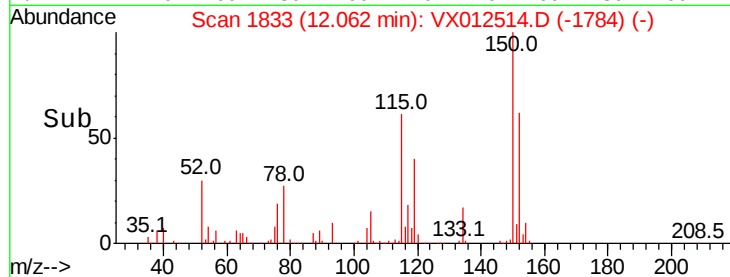
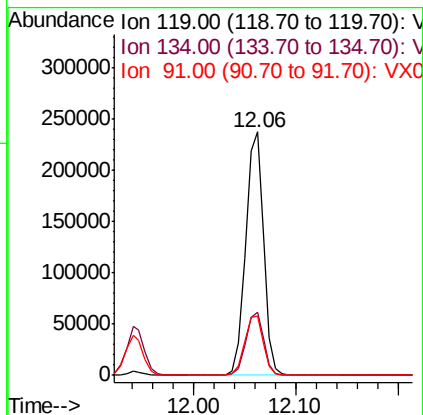
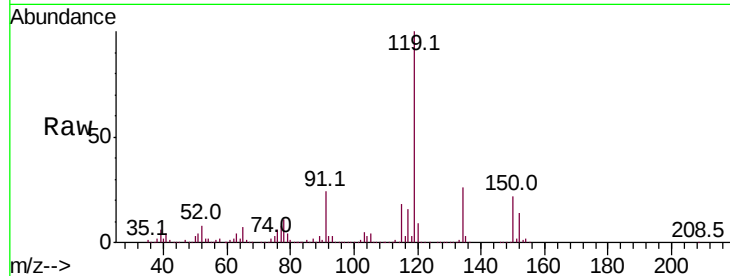




#86
p-Isopropyltoluene
Concen: 40.324 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

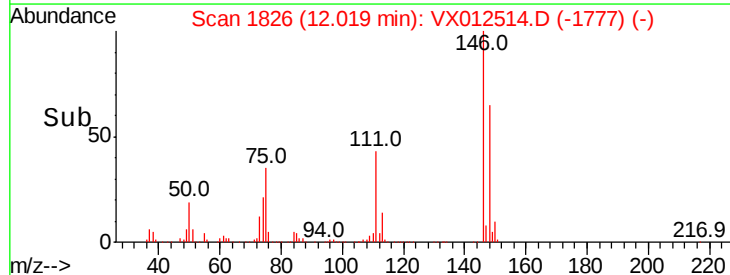
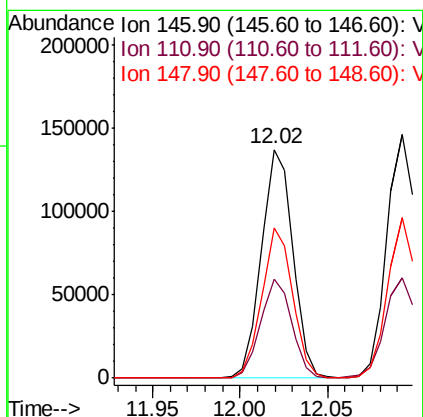
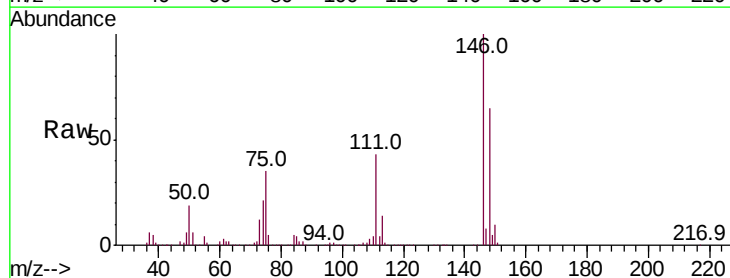
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MSD

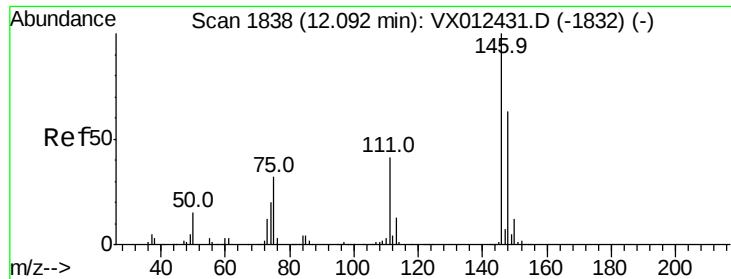
Tot Ion:119 Resp: 287316
Ion Ratio Lower Upper
119 100
134 25.9 12.7 38.1
91 25.2 12.8 38.4



#87
1,3-Dichlorobenzene
Concen: 48.658 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Tgt Ion:146 Resp: 172009
Ion Ratio Lower Upper
146 100
111 43.1 21.3 64.0
148 64.5 32.4 97.2

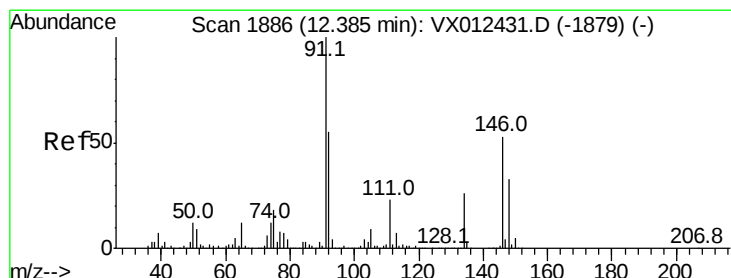
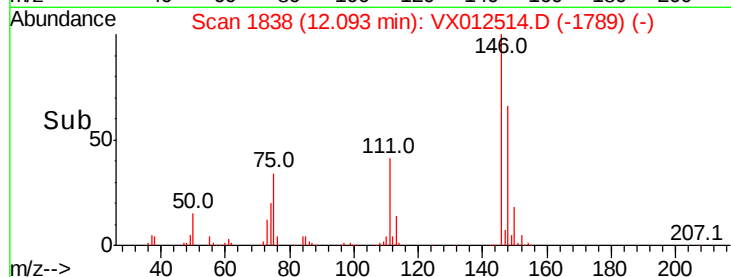
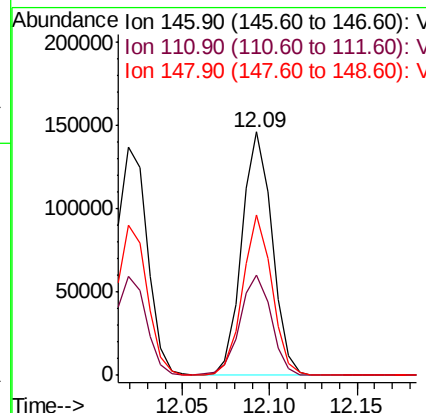
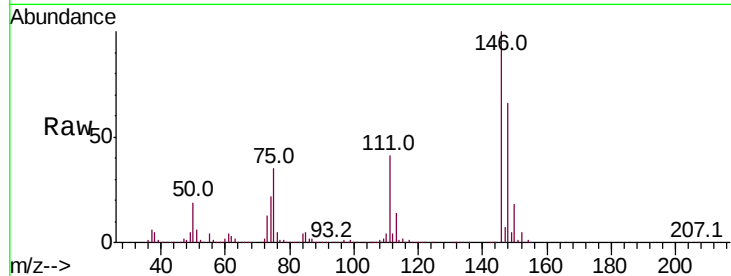




#88
 1,4-Dichlorobenzene
 Concen: 48.539 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012514.D
 Acq: 19 Sep 2019 07:44

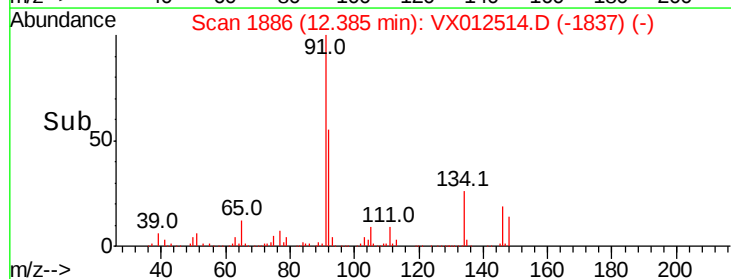
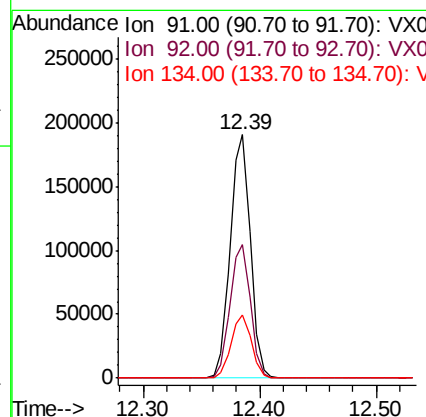
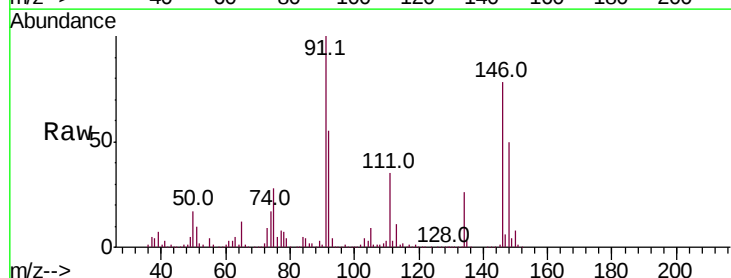
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909MSD

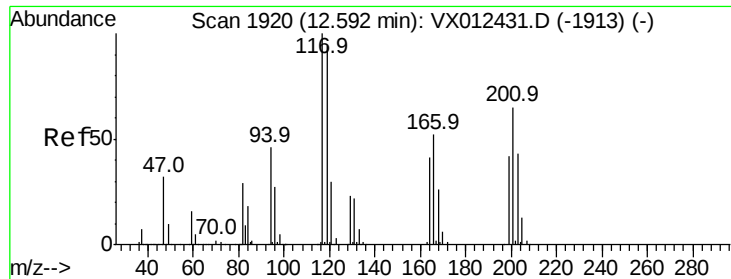
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.1	63.3
148	63.9	32.1	96.5



#89
 n-Butylbenzene
 Concen: 35.914 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012514.D
 Acq: 19 Sep 2019 07:44

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.5	27.7	83.0
134	26.1	12.9	38.6

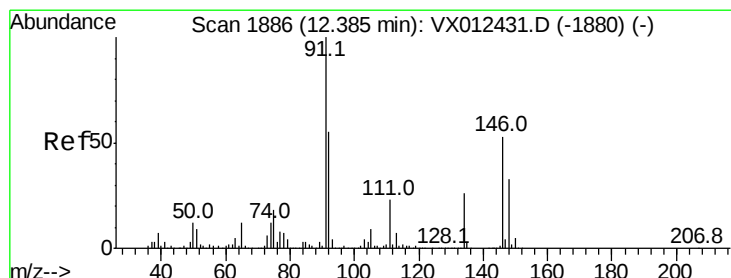
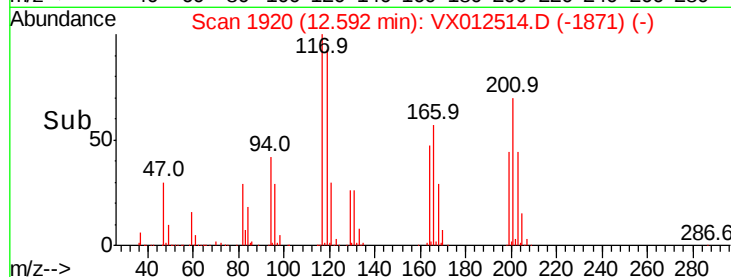
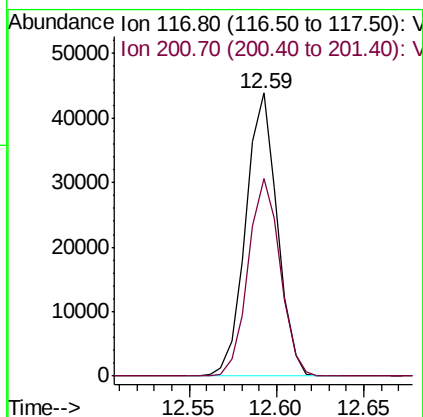
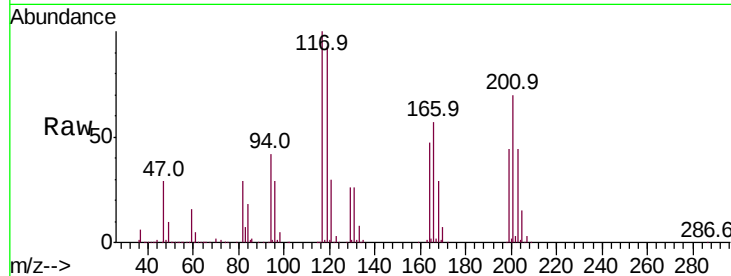




#90
Hexachloroethane
Concen: 42.013 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

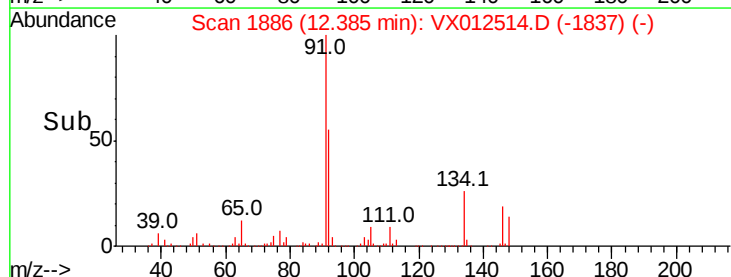
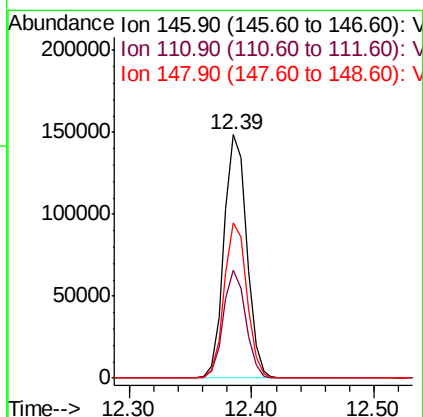
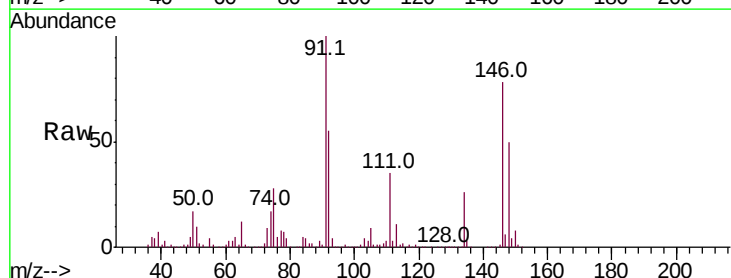
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909MSD

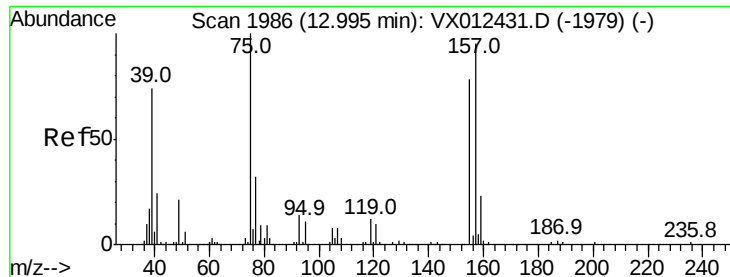
Tot Ion:117 Resp: 54889
Ion Ratio Lower Upper
117 100
201 71.2 33.3 99.8



#91
1,2-Dichlorobenzene
Concen: 51.740 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012514.D
Acq: 19 Sep 2019 07:44

Tgt Ion:146 Resp: 191168
Ion Ratio Lower Upper
146 100
111 43.8 22.1 66.1
148 63.5 31.3 93.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 58.325 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MSD

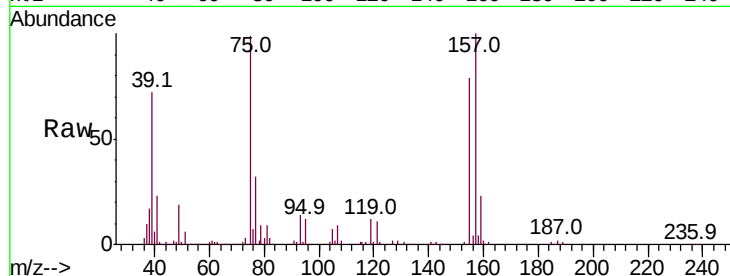
Tot Ion: 75 Resp: 45707

Ion Ratio Lower Upper

75 100

155 76.6 38.6 115.8

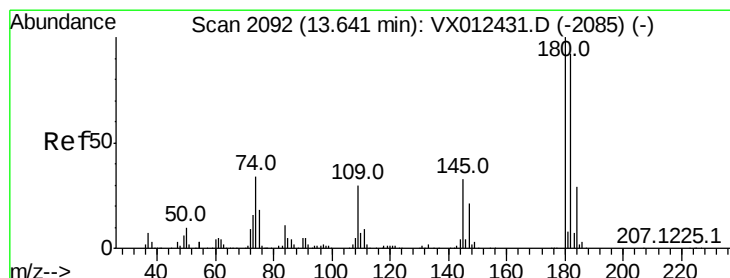
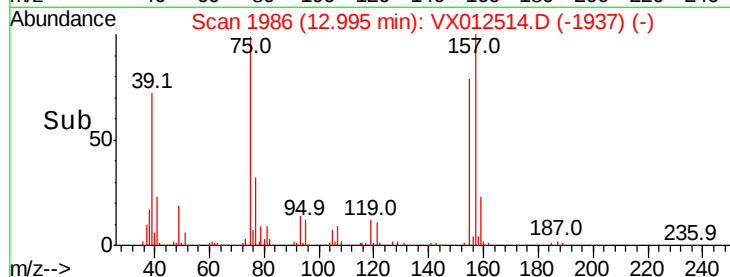
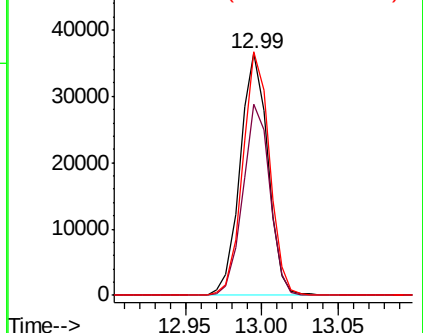
157 97.0 50.6 151.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 49.579 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

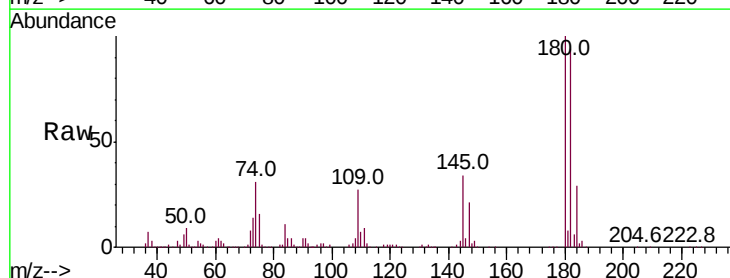
Tgt Ion:180 Resp: 117991

Ion Ratio Lower Upper

180 100

182 93.4 47.0 141.0

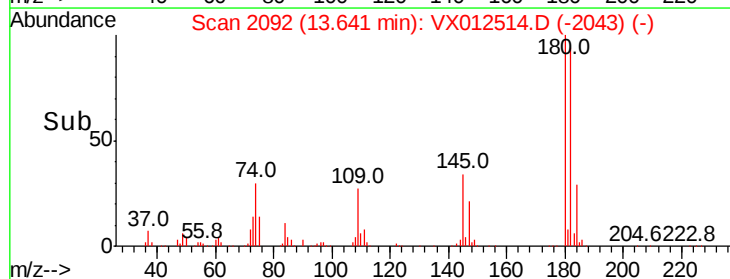
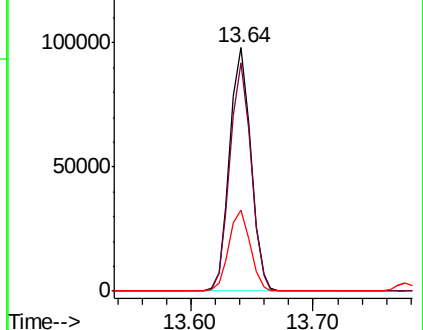
145 33.5 16.8 50.4

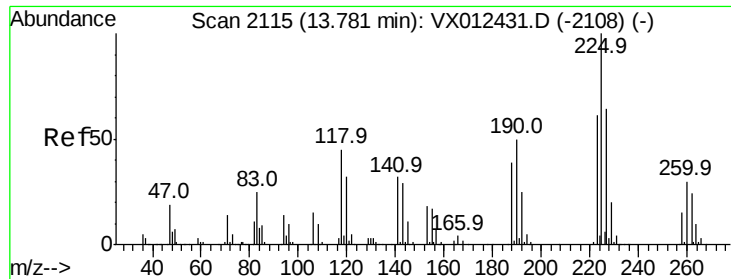


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 33.778 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MSD

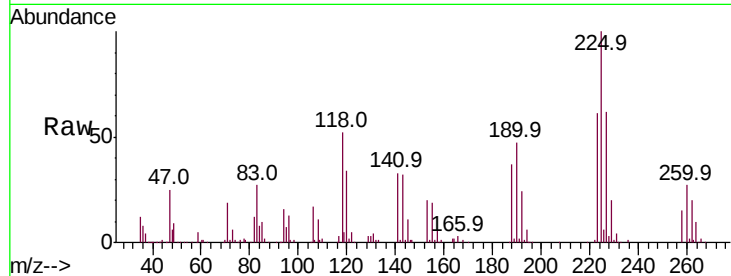
Tot Ion:225 Resp: 37888

Ion Ratio Lower Upper

225 100

223 61.1 32.0 96.2

227 63.3 31.9 95.5

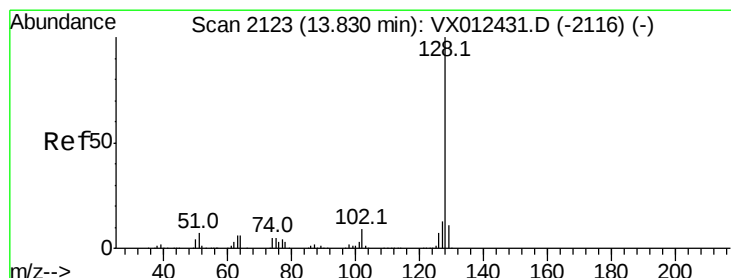
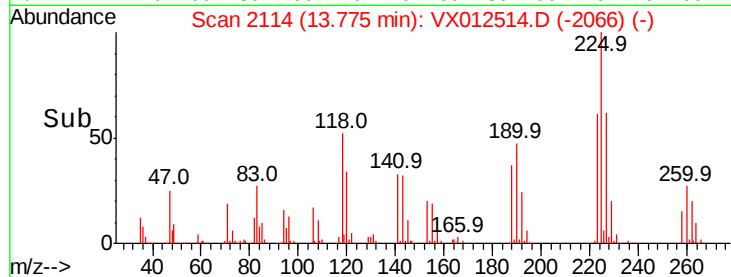
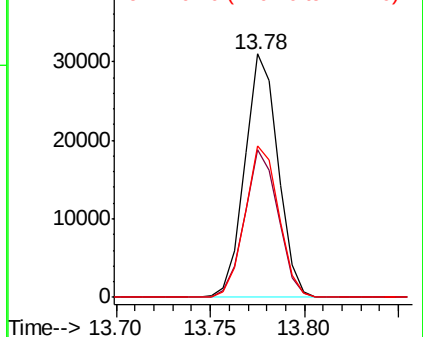


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 56.841 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

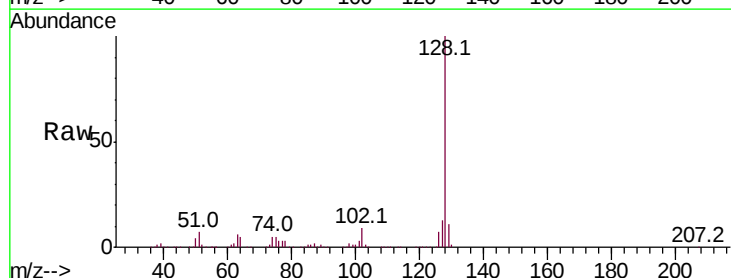
Tgt Ion:128 Resp: 481330

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 10.8 8.8 13.2

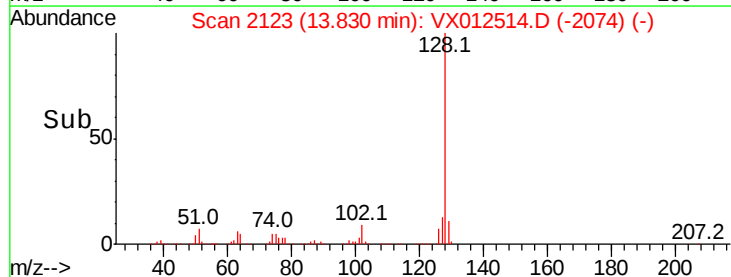
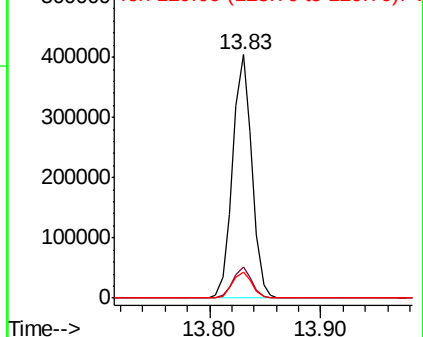


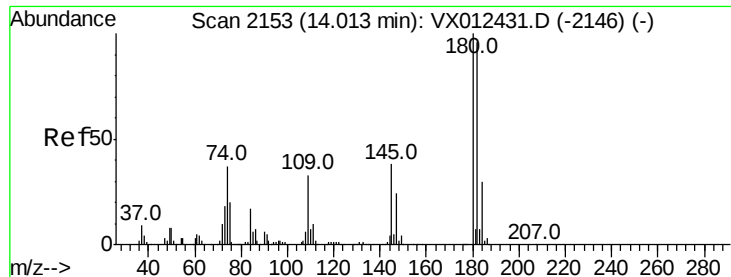
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 51.790 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX012514.D

Acq: 19 Sep 2019 07:44

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909MSD

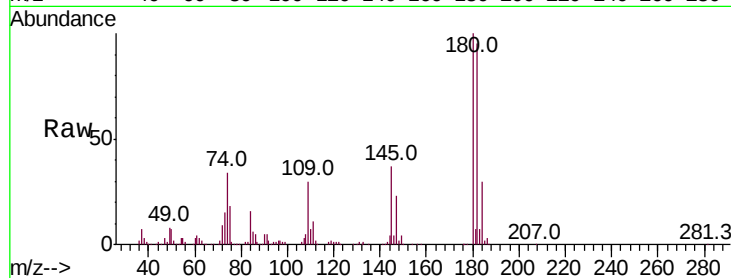
Tot Ion:180 Resp: 125598

Ion Ratio Lower Upper

180 100

182 94.5 47.1 141.3

145 35.9 18.0 54.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

