

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091119\
 Data File : VX012313.D
 Acq On : 11 Sep 2019 20:17
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 12 05:41:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	123318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	223855	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	210528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	106805	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	90003	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
35) Dibromofluoromethane	5.48	113	70880	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	8.71	98	261385	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
62) 4-Bromofluorobenzene	11.14	95	113024	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	40867	40.534	ug/l	99
3) Chloromethane	1.31	50	43299	47.644	ug/l	100
4) Vinyl Chloride	1.40	62	40616	45.073	ug/l	99
5) Bromomethane	1.62	94	22790	63.667	ug/l	99
6) Chloroethane	1.71	64	27410	45.489	ug/l	100
7) Trichlorofluoromethane	1.92	101	71115	43.606	ug/l	99
8) Diethyl Ether	2.17	74	27879	50.098	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	51348	46.717	ug/l	100
10) Methyl Iodide	2.50	142	35783	34.205	ug/l	99
11) Tert butyl alcohol	3.03	59	43751	235.802	ug/l	97
12) 1,1-Dichloroethene	2.36	96	44163	47.327	ug/l	99
13) Acrolein	2.28	56	23602	258.966	ug/l	98
14) Allyl chloride	2.72	41	89919	47.264	ug/l	99
15) Acrylonitrile	3.13	53	92287	268.278	ug/l	98
16) Acetone	2.43	43	85038	206.037	ug/l	98
17) Carbon Disulfide	2.56	76	86048	43.913	ug/l	98
18) Methyl Acetate	2.76	43	46849	54.004	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	185753	50.407	ug/l	96
20) Methylene Chloride	2.84	84	63678	49.422	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	52743	47.375	ug/l	95
22) Diisopropyl ether	3.84	45	215410	49.509	ug/l	97
23) Vinyl Acetate	3.80	43	688257	257.827	ug/l	98
24) 1,1-Dichloroethane	3.68	63	113181	48.564	ug/l	99
25) 2-Butanone	4.65	43	127768	242.160	ug/l	98
26) 2,2-Dichloropropane	4.56	77	91617	41.872	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	70245	48.872	ug/l	98
28) Bromochloromethane	5.00	49	57547	52.650	ug/l	99
29) Tetrahydrofuran	5.12	42	78287	275.007	ug/l	100
30) Chloroform	5.20	83	127729	48.603	ug/l	98
31) Cyclohexane	5.57	56	72468	44.764	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	105526	46.763	ug/l	99
36) 1,1-Dichloropropene	5.79	75	74638	45.726	ug/l	99
37) Ethyl Acetate	4.82	43	54318	53.833	ug/l	99
38) Carbon Tetrachloride	5.77	117	86155	44.988	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091119\
 Data File : VX012313.D
 Acq On : 11 Sep 2019 20:17
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Sep 12 05:41:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	79798	44.547	ug/l	98
40) Benzene	6.13	78	236699	47.913	ug/l	96
41) Methacrylonitrile	5.03	41	33041	53.117	ug/l	97
42) 1,2-Dichloroethane	6.18	62	96118	49.227	ug/l	99
43) Isopropyl Acetate	6.44	43	109395	51.424	ug/l	99
44) Trichloroethene	7.20	130	63179	47.256	ug/l	98
45) 1,2-Dichloropropane	7.51	63	66201	48.412	ug/l	99
46) Dibromomethane	7.65	93	37933	50.756	ug/l	98
47) Bromodichloromethane	7.89	83	98345	48.220	ug/l	98
48) Methyl methacrylate	7.76	41	53439	52.481	ug/l	97
49) 1,4-Dioxane	7.73	88	14167	1031.067	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	288810	257.236	ug/l	100
52) Toluene	8.78	92	155242	47.575	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	95356	46.843	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	105384	46.686	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	59155	51.090	ug/l	96
56) Ethyl methacrylate	9.17	69	80152	51.127	ug/l	99
57) 1,3-Dichloropropane	9.37	76	100183	50.661	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	210296	261.728	ug/l	100
59) 2-Hexanone	9.48	43	202091	258.875	ug/l	98
60) Dibromochloromethane	9.57	129	67547	49.972	ug/l	99
61) 1,2-Dibromoethane	9.67	107	54500	50.567	ug/l	100
64) Tetrachloroethene	9.33	164	55066	49.457	ug/l	97
65) Chlorobenzene	10.14	112	180076	46.813	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	70492	48.612	ug/l	99
67) Ethyl Benzene	10.25	91	318456	46.547	ug/l	96
68) m/p-Xylenes	10.36	106	235656	93.570	ug/l	97
69) o-Xylene	10.70	106	116494	47.218	ug/l	100
70) Styrene	10.71	104	211177	48.263	ug/l	99
71) Bromoform	10.85	173	37482	49.847	ug/l #	98
73) Isopropylbenzene	11.01	105	318315	45.271	ug/l	100
74) N-amyl acetate	10.89	43	102144	48.858	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	76409	50.599	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	80838	58.917	ug/l	88
77) Bromobenzene	11.25	156	79030	48.819	ug/l	98
78) n-propylbenzene	11.35	91	388690	45.777	ug/l	99
79) 2-Chlorotoluene	11.42	91	244156	46.412	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	298175	47.156	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	20324	44.382	ug/l	96
82) 4-Chlorotoluene	11.51	91	296143	46.843	ug/l	100
83) tert-Butylbenzene	11.77	119	281642	45.871	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	302499	46.278	ug/l	97
85) sec-Butylbenzene	11.94	105	334608	45.674	ug/l	100
86) p-Isopropyltoluene	12.06	119	312273	46.133	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	156648	47.502	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	159650	47.877	ug/l	99
89) n-Butylbenzene	12.39	91	305333	46.022	ug/l	99
90) Hexachloroethane	12.59	117	58529	46.943	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	148513	48.685	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	15663	50.816	ug/l	98

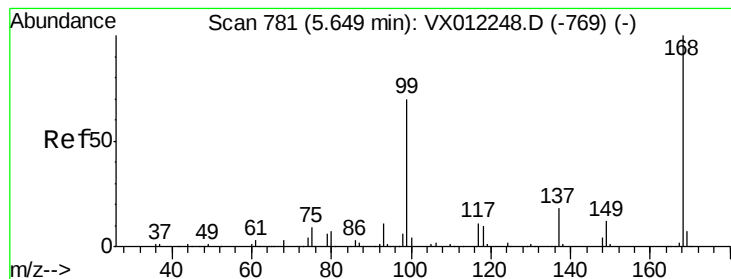
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX091119\
Data File : VX012313.D
Acq On : 11 Sep 2019 20:17
Operator : SY/SP
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 12 05:41:41 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	105644	50.148	ug/l	99
94) Hexachlorobutadiene	13.78	225	52198	49.807	ug/l	98
95) Naphthalene	13.83	128	240858	53.277	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	96687	51.872	ug/l	99

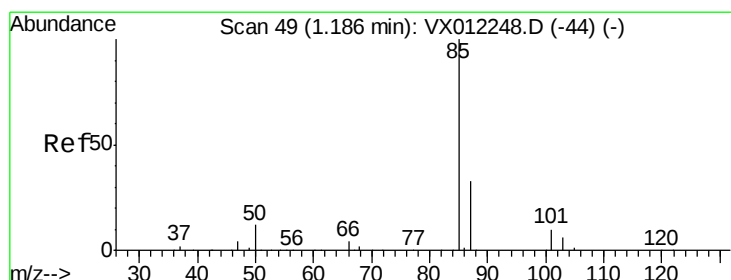
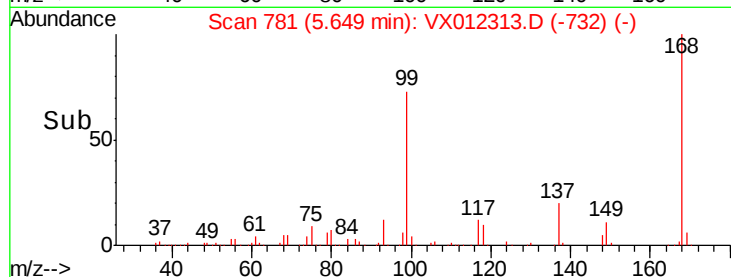
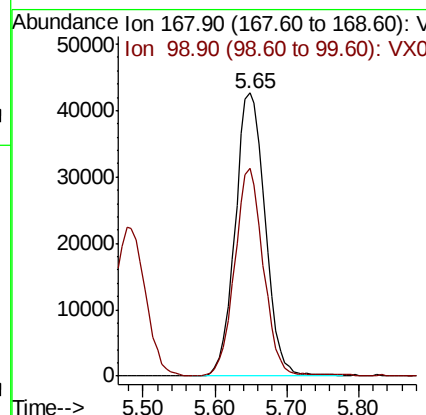
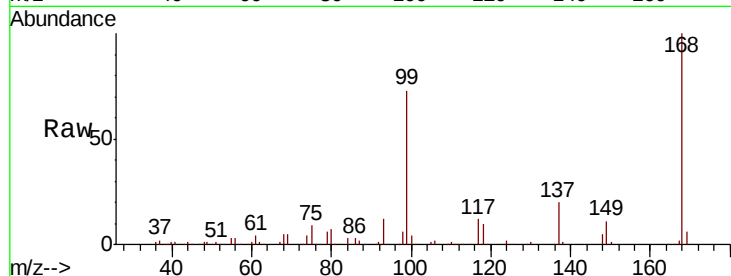
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012313.D
Acq: 11 Sep 2019 20:17

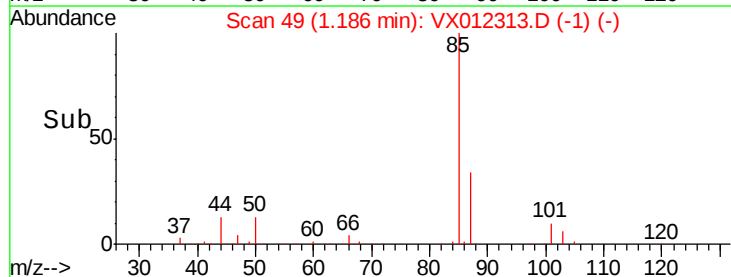
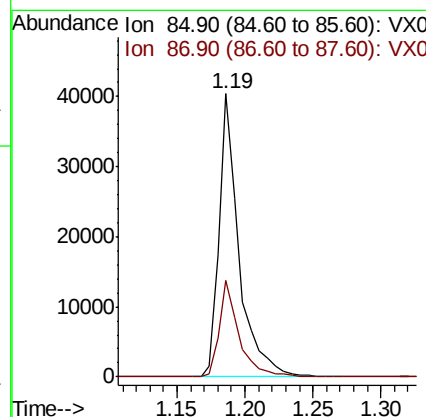
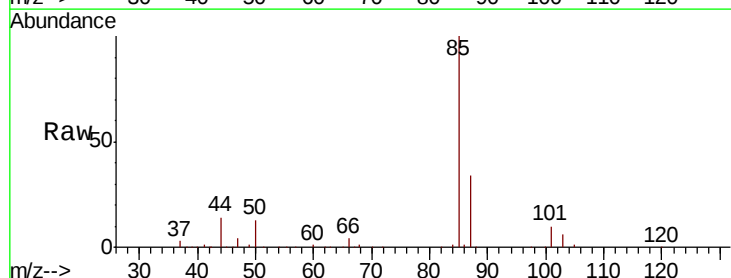
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

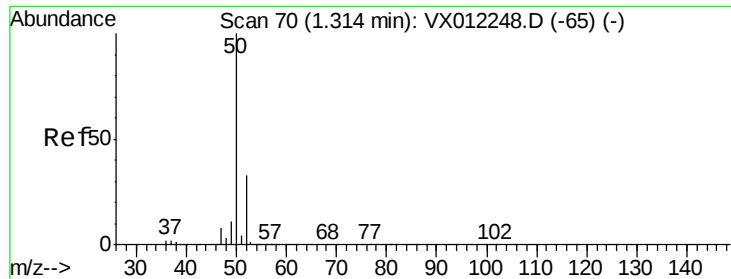
Tgt Ion: 168 Resp: 123318
Ion Ratio Lower Upper
168 100
99 73.1 55.8 83.6



#2
Dichlorodifluoromethane
Concen: 40.534 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX012313.D
Acq: 11 Sep 2019 20:17

Tgt Ion: 85 Resp: 40867
Ion Ratio Lower Upper
85 100
87 33.9 16.7 50.0





#3

Chloromethane

Concen: 47.644 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX012313.D

Acq: 11 Sep 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

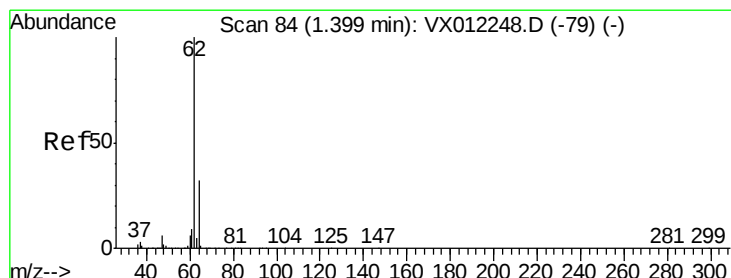
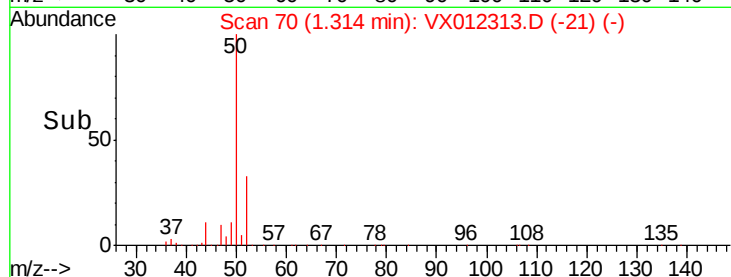
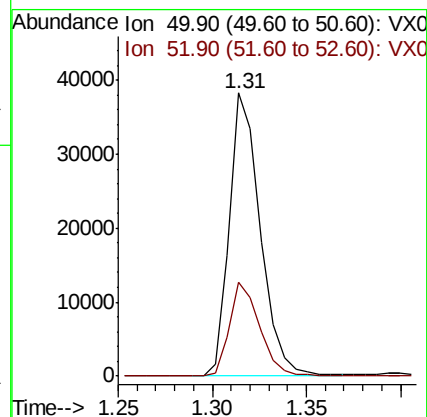
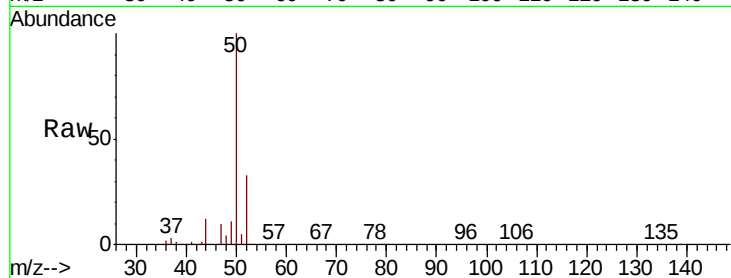
VSTDCCC050EC

Tgt Ion: 50 Resp: 43299

Ion Ratio Lower Upper

50 100

52 33.2 26.7 40.1



#4

Vinyl Chloride

Concen: 45.073 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012313.D

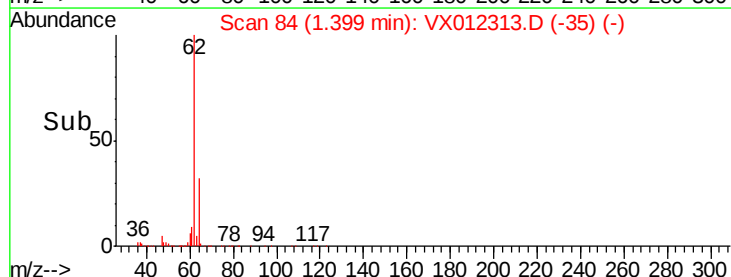
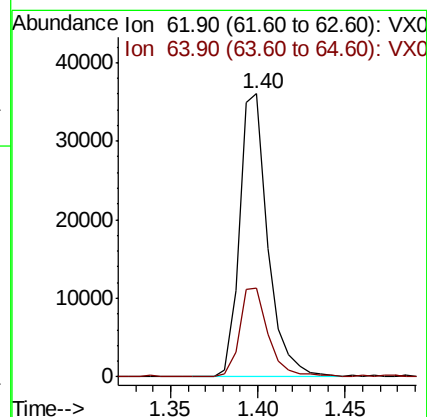
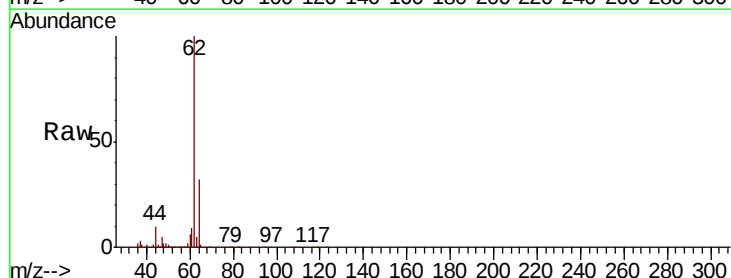
Acq: 11 Sep 2019 20:17

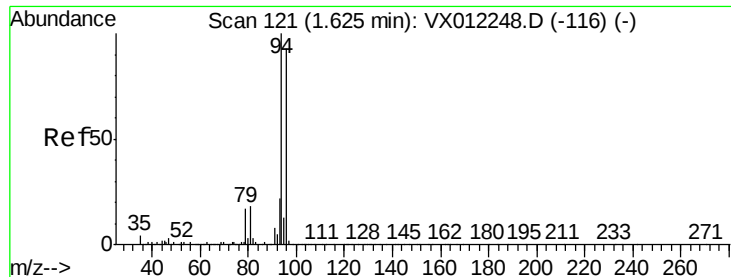
Tgt Ion: 62 Resp: 40616

Ion Ratio Lower Upper

62 100

64 31.3 25.5 38.3





#5

Bromomethane

Concen: 63.667 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012313.D

Acq: 11 Sep 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

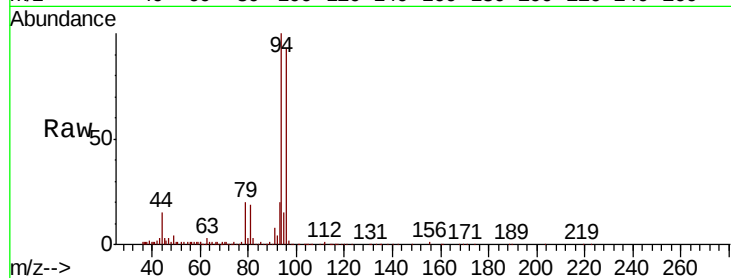
VSTDCCC050EC

Tgt Ion: 94 Resp: 22790

Ion Ratio Lower Upper

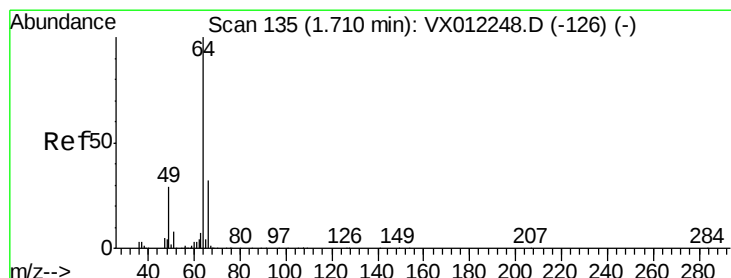
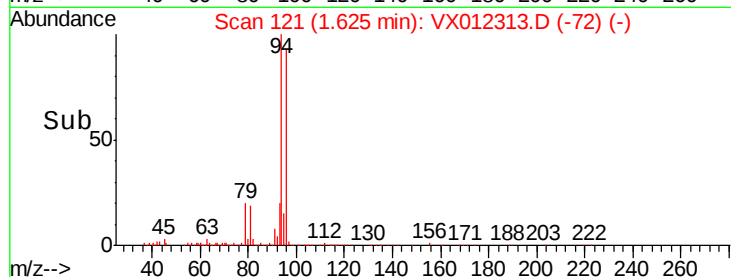
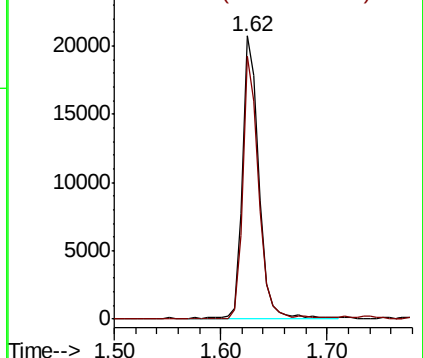
94 100

96 93.5 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.489 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012313.D

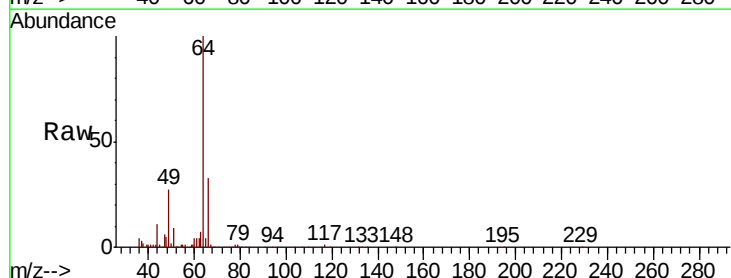
Acq: 11 Sep 2019 20:17

Tgt Ion: 64 Resp: 27410

Ion Ratio Lower Upper

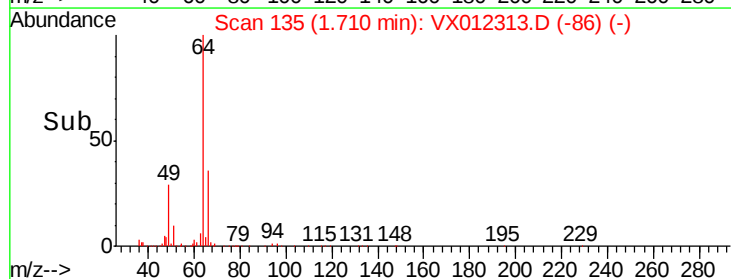
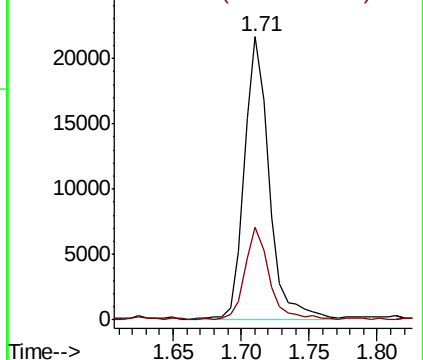
64 100

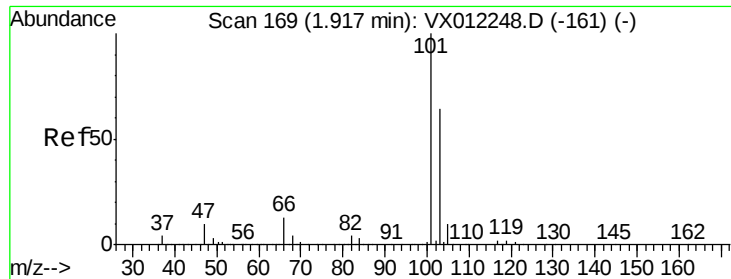
66 32.4 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



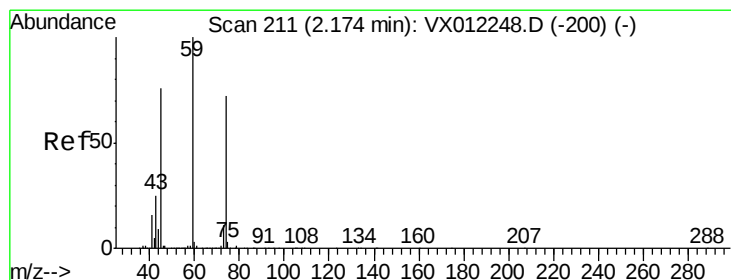
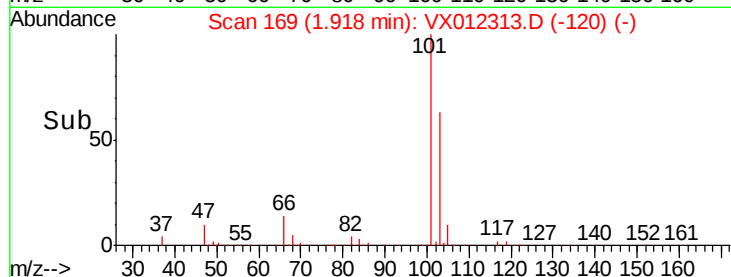
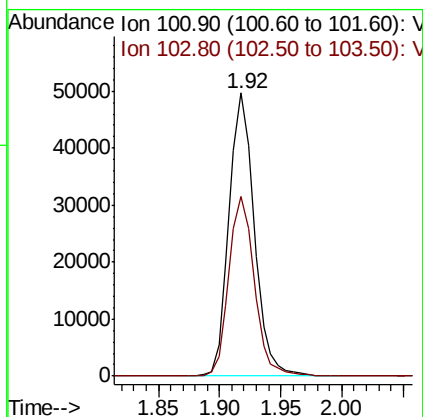
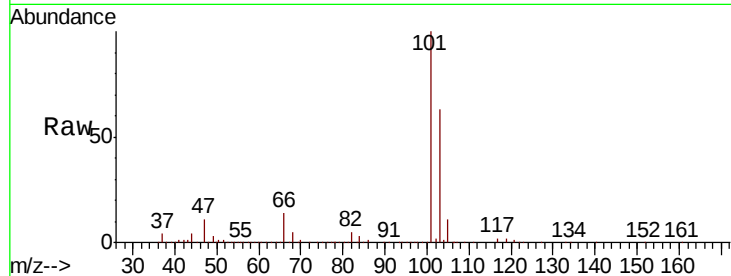


#7

Trichlorofluoromethane
Concen: 43.606 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012313.D
Acq: 11 Sep 2019 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

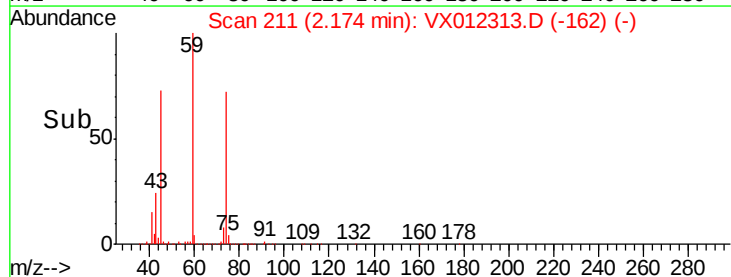
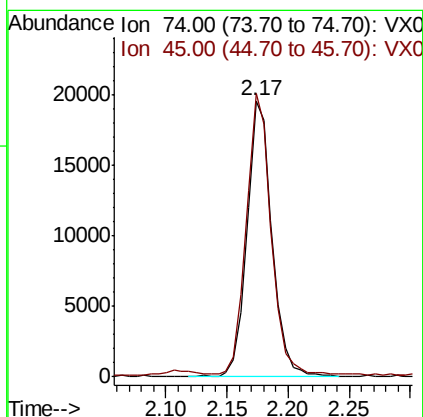
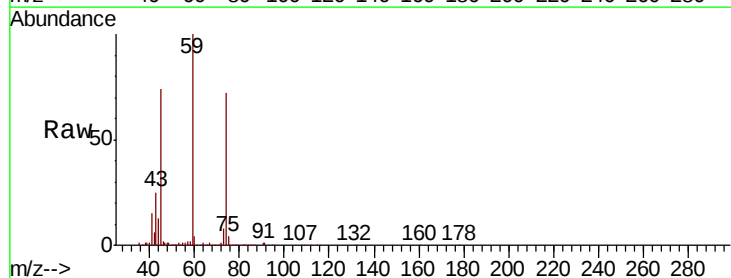
Tgt Ion:101 Resp: 71115
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.2

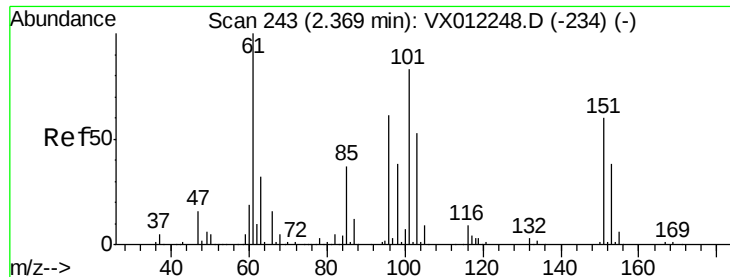


#8

Diethyl Ether
Concen: 50.098 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX012313.D
Acq: 11 Sep 2019 20:17

Tgt Ion: 74 Resp: 27879
Ion Ratio Lower Upper
74 100
45 99.9 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.717 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012313.D

Acq: 11 Sep 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

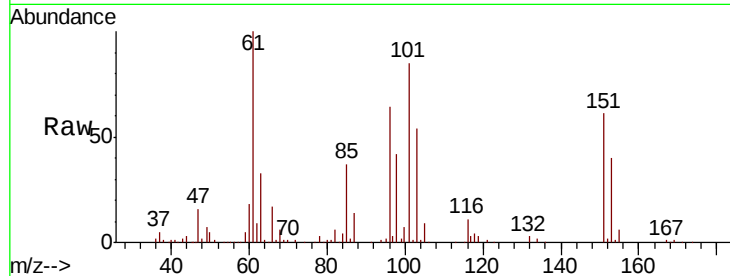
Tgt Ion:101 Resp: 51348

Ion Ratio Lower Upper

101 100

85 46.2 37.0 55.6

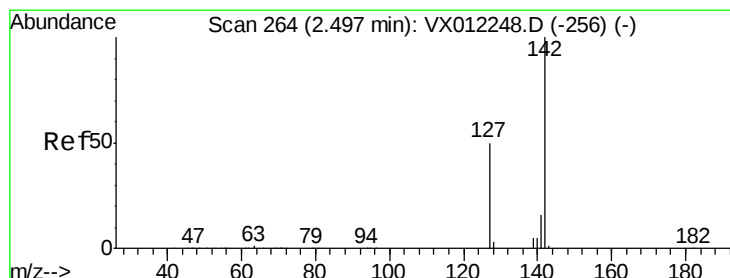
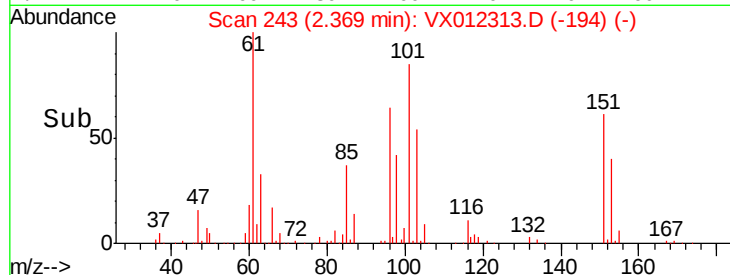
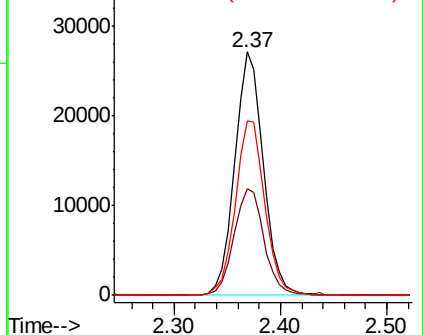
151 73.7 58.6 87.8



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: 34.205 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012313.D

Acq: 11 Sep 2019 20:17

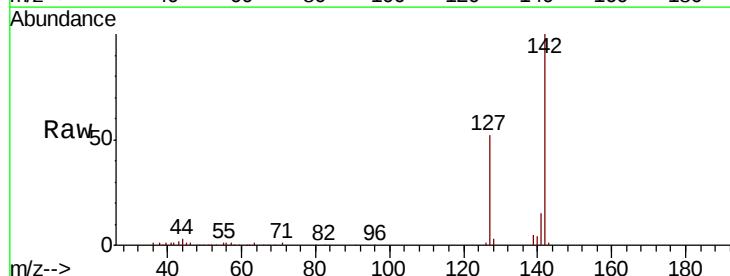
Tgt Ion:142 Resp: 35783

Ion Ratio Lower Upper

142 100

127 50.1 40.6 61.0

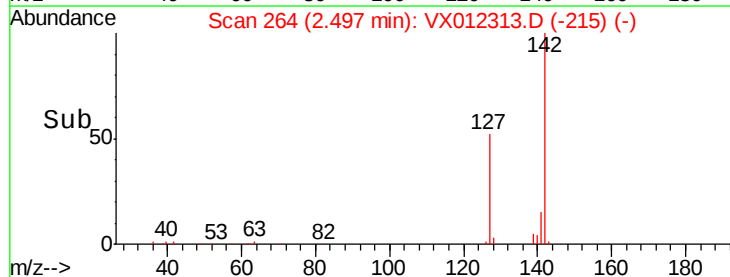
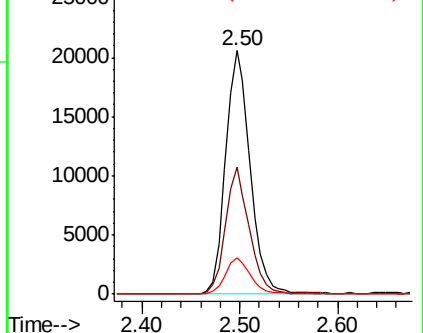
141 15.1 12.0 18.0

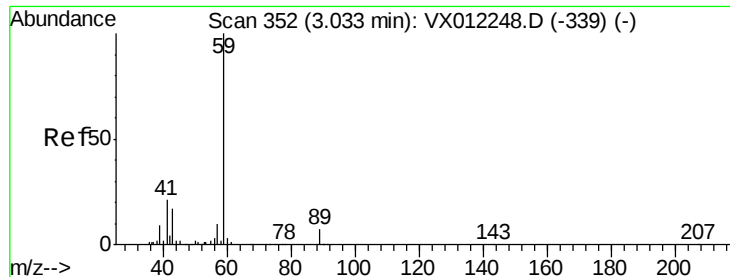


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

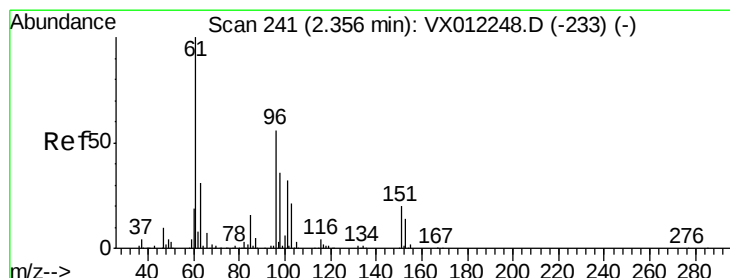
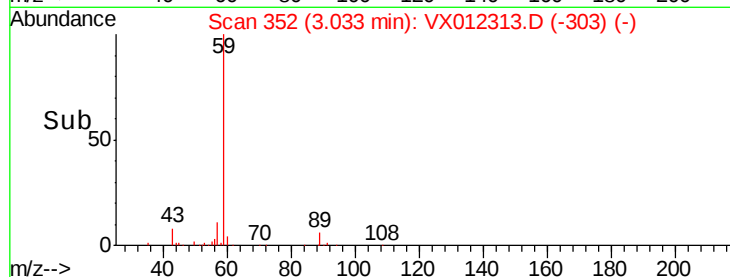
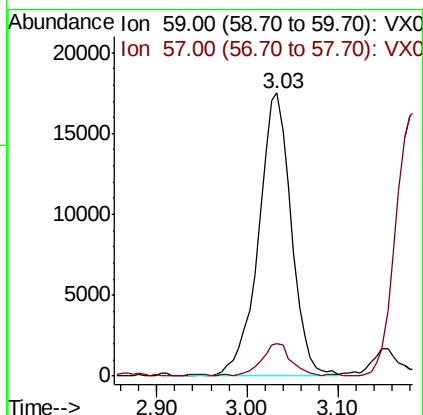
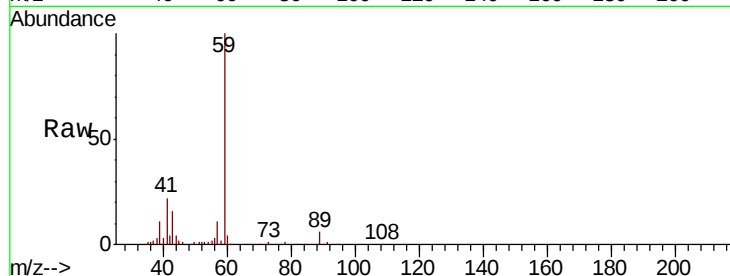




#11
Tert butyl alcohol
Concen: 235.802 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX012313.D
Acq: 11 Sep 2019 20:17

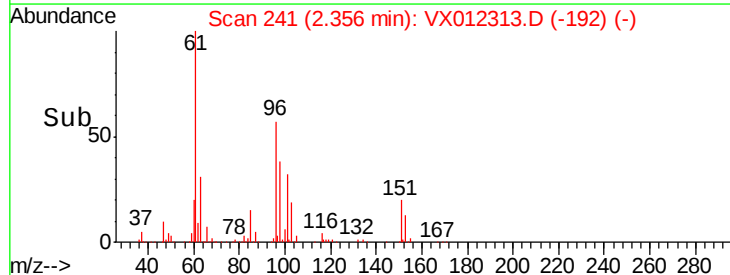
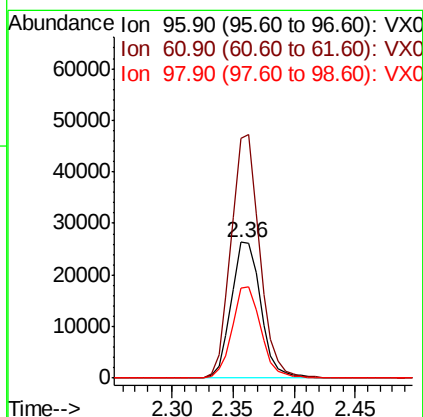
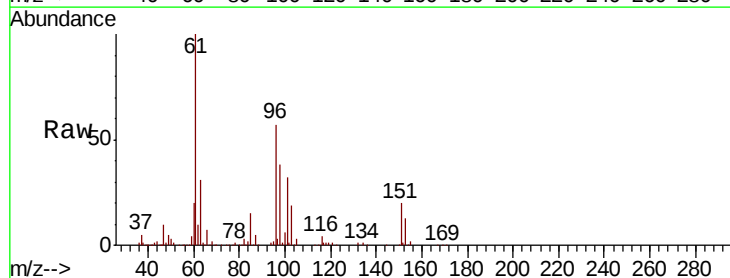
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

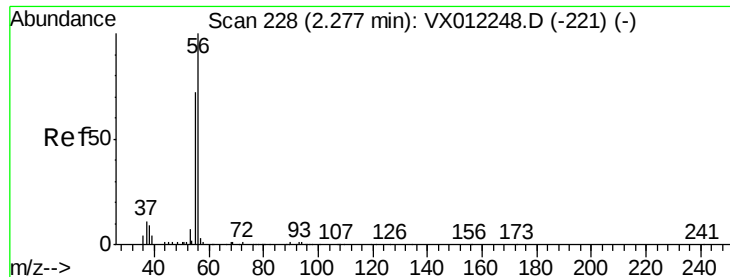
Tgt Ion: 59 Resp: 43751
Ion Ratio Lower Upper
59 100
57 10.6 7.8 11.6



#12
1,1-Dichloroethene
Concen: 47.327 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX012313.D
Acq: 11 Sep 2019 20:17

Tgt Ion: 96 Resp: 44163
Ion Ratio Lower Upper
96 100
61 176.6 142.2 213.2
98 66.3 51.3 76.9





#13

Acrolein

Concen: 258.966 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX012313.D

Acq: 11 Sep 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

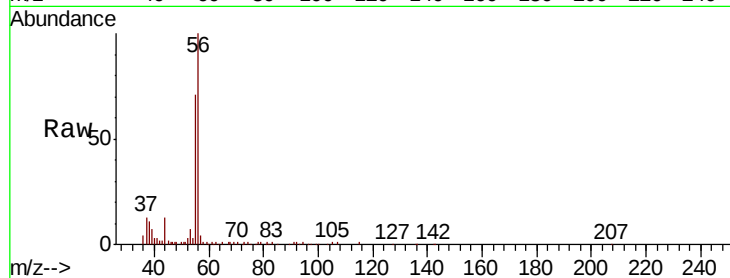
VSTDCCC050EC

Tgt Ion: 56 Resp: 23602

Ion Ratio Lower Upper

56 100

55 72.8 59.8 89.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

15000

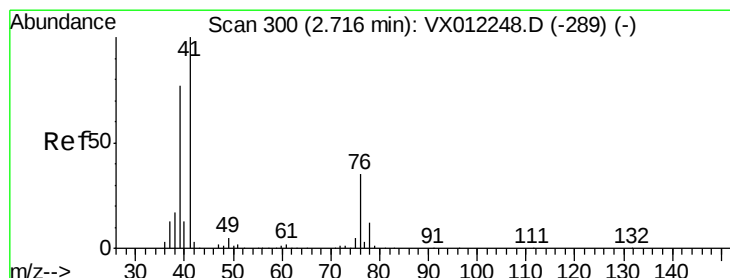
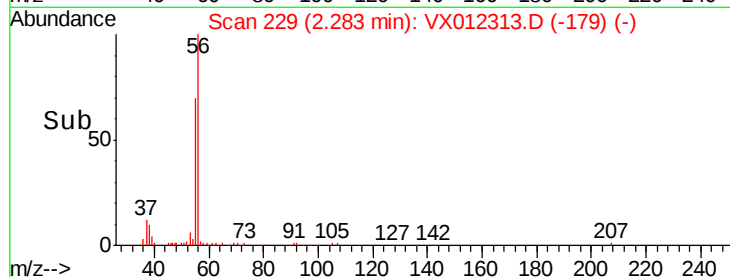
10000

5000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 47.264 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012313.D

Acq: 11 Sep 2019 20:17

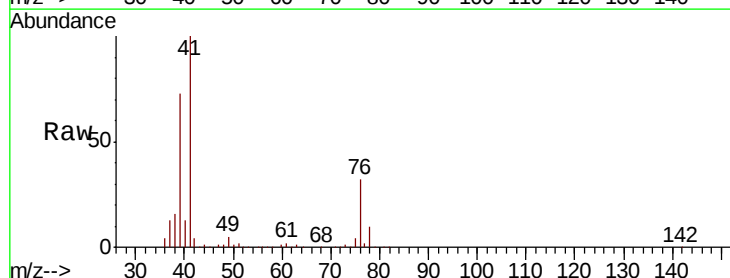
Tgt Ion: 41 Resp: 89919

Ion Ratio Lower Upper

41 100

39 72.5 58.6 87.8

76 32.7 26.3 39.5



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.72

60000

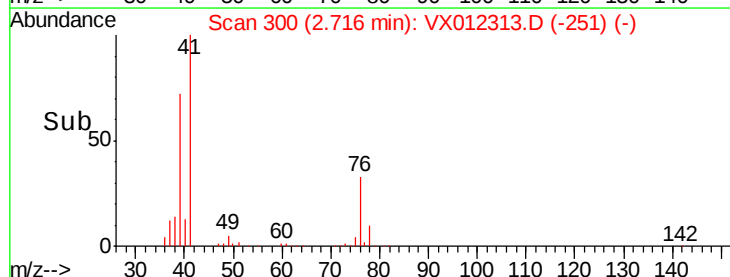
40000

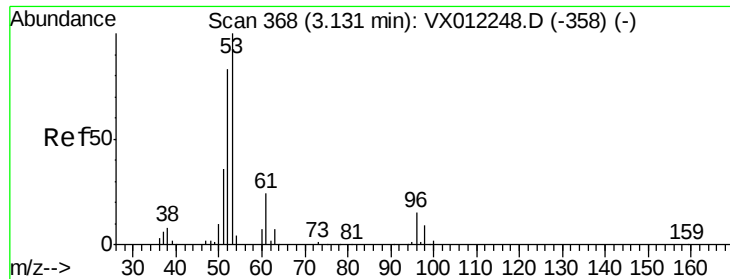
20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 268.278 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012313.D

Acq: 11 Sep 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

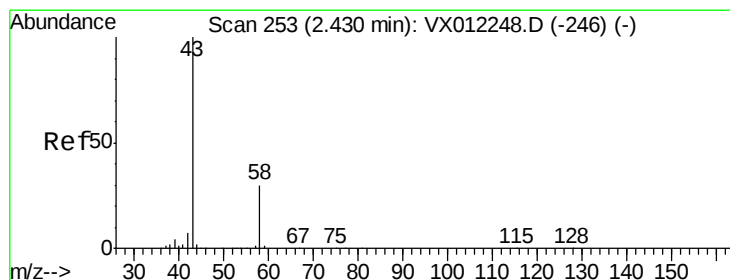
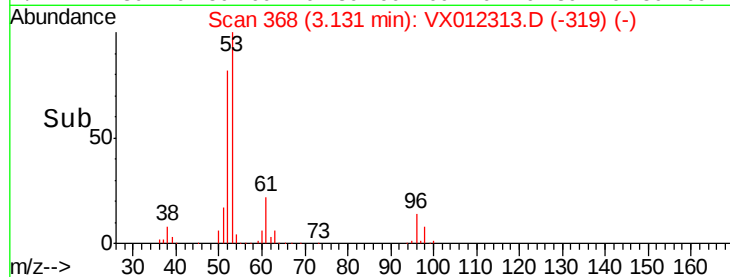
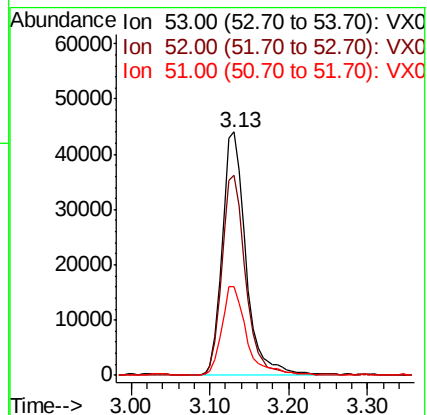
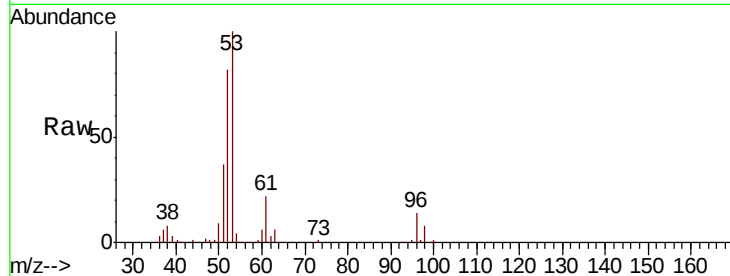
Tgt Ion: 53 Resp: 92287

Ion Ratio Lower Upper

53 100

52 81.4 66.8 100.2

51 37.9 30.7 46.1



#16

Acetone

Concen: 206.037 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX012313.D

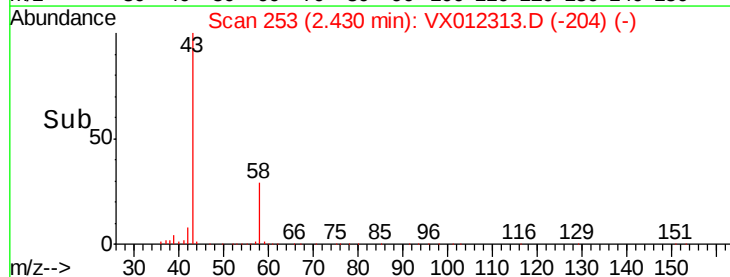
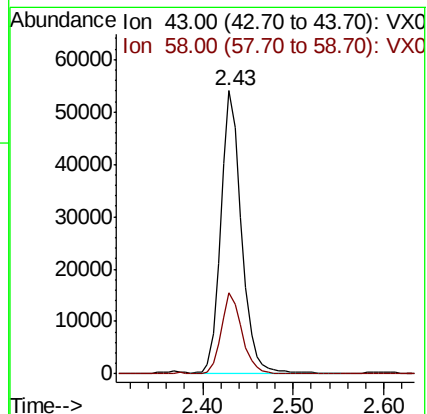
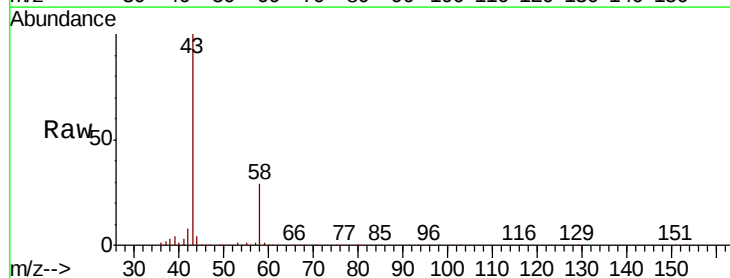
Acq: 11 Sep 2019 20:17

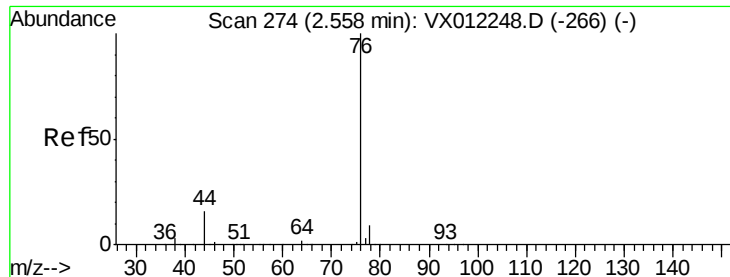
Tgt Ion: 43 Resp: 85038

Ion Ratio Lower Upper

43 100

58 28.6 23.6 35.4

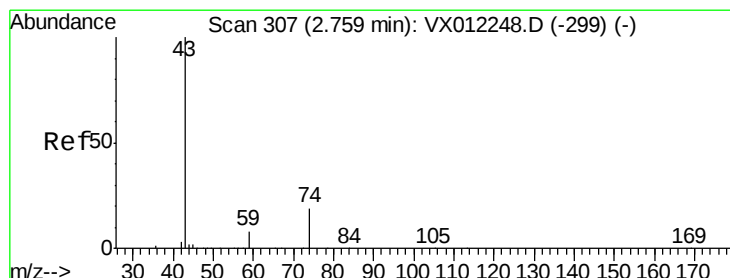
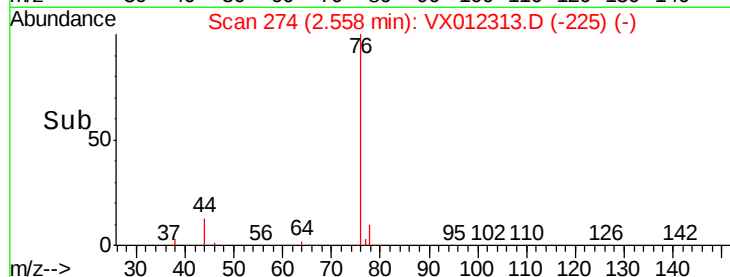
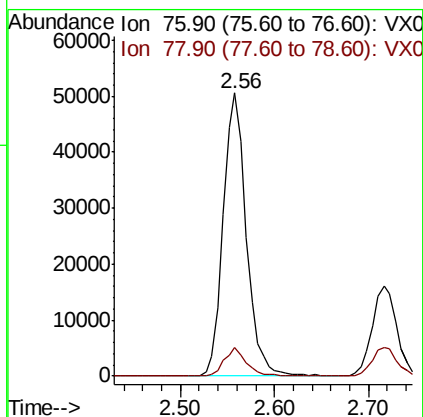
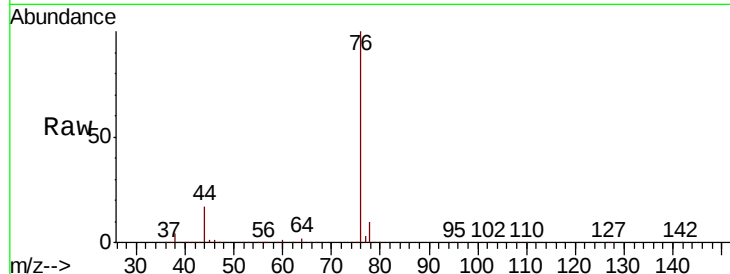




#17
Carbon Disulfide
Concen: 43.913 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012313.D
Acq: 11 Sep 2019 20:17

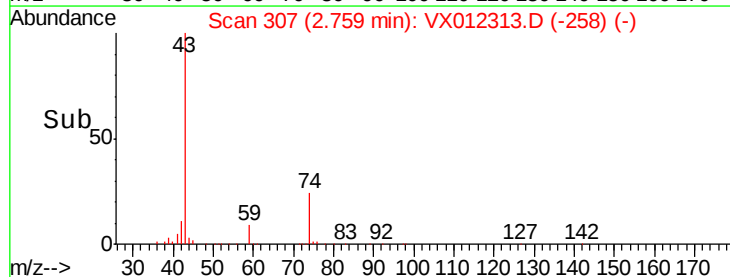
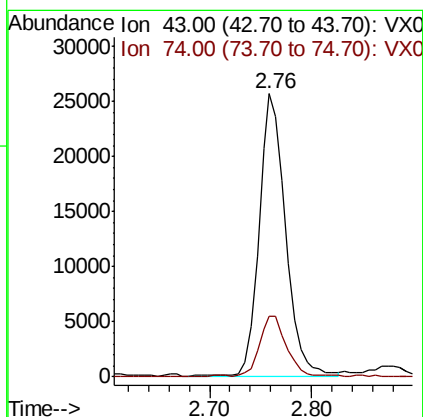
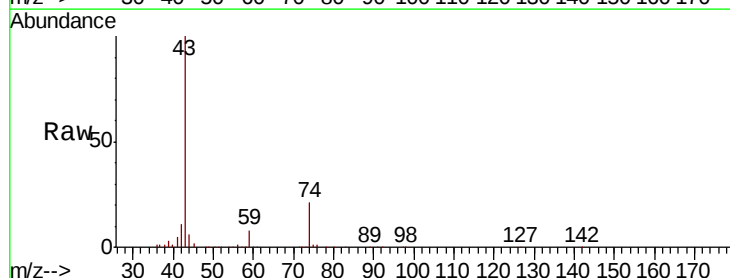
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

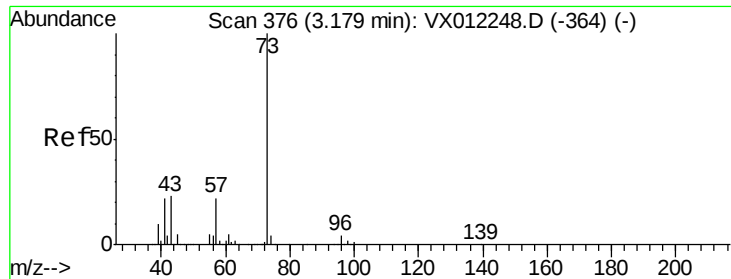
Tgt Ion: 76 Resp: 86048
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.2



#18
Methyl Acetate
Concen: 54.004 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX012313.D
Acq: 11 Sep 2019 20:17

Tgt Ion: 43 Resp: 46849
Ion Ratio Lower Upper
43 100
74 22.1 18.3 27.5

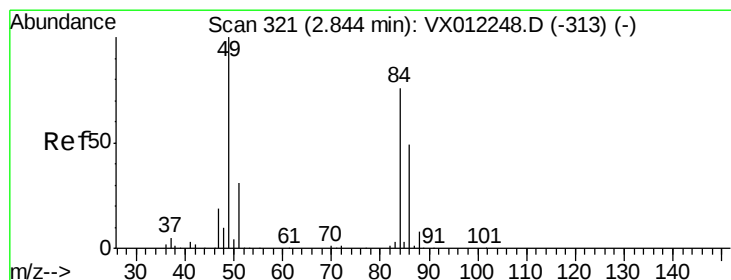
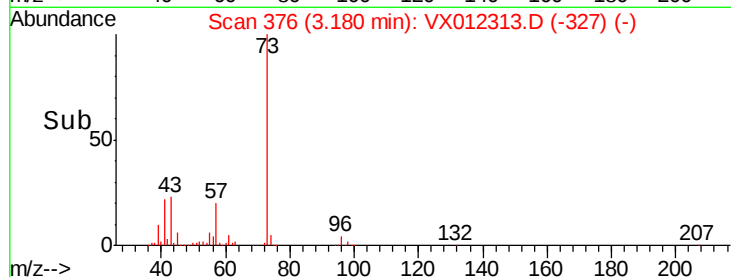
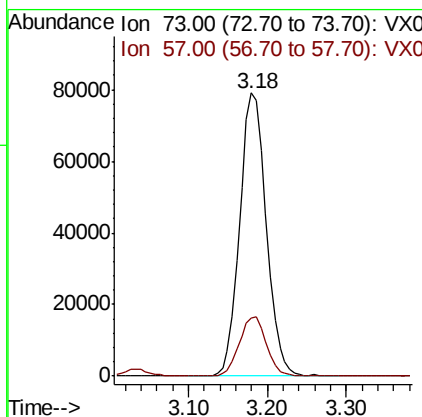
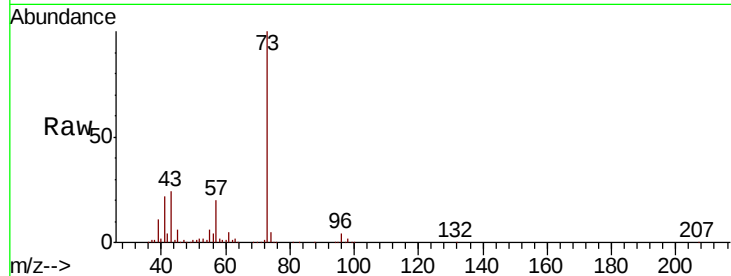




#19
Methyl tert-butyl Ether
Concen: 50.407 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX012313.D
Acq: 11 Sep 2019 20:17

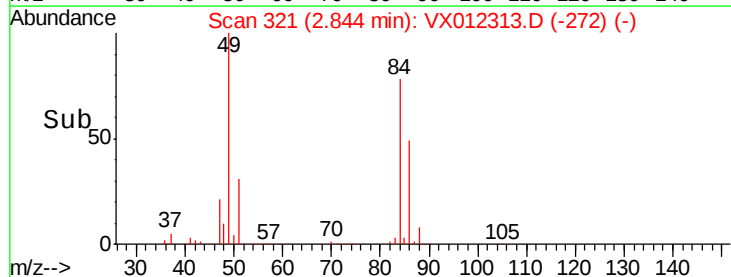
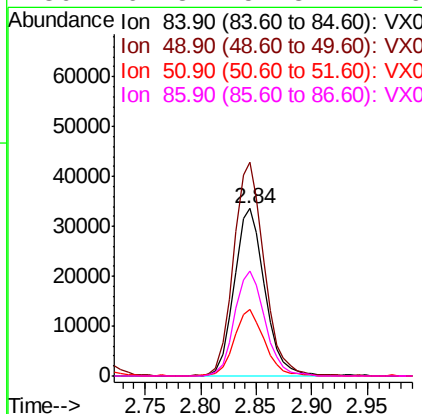
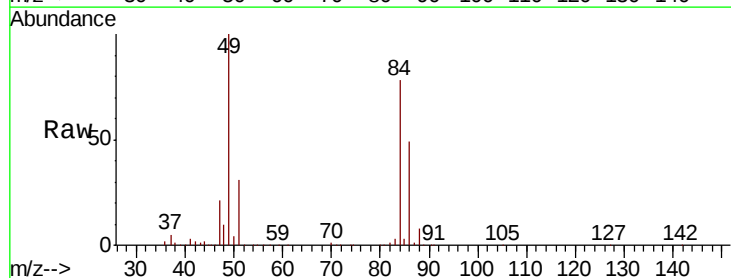
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

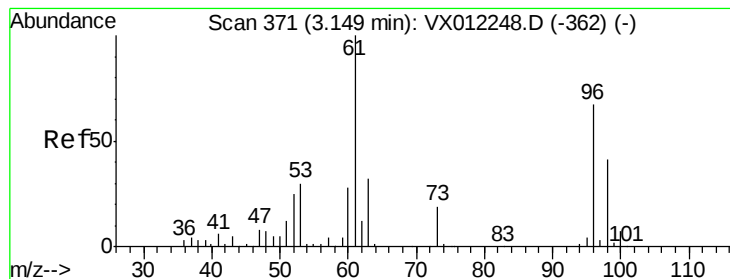
Tgt Ion: 73 Resp: 185753
Ion Ratio Lower Upper
73 100
57 20.4 17.7 26.5



#20
Methylene Chloride
Concen: 49.422 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012313.D
Acq: 11 Sep 2019 20:17

Tgt Ion: 84 Resp: 63678
Ion Ratio Lower Upper
84 100
49 127.7 105.0 157.6
51 39.6 32.6 48.8
86 62.8 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 47.375 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.00 min

Lab File: VX012313.D

Acq: 11 Sep 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

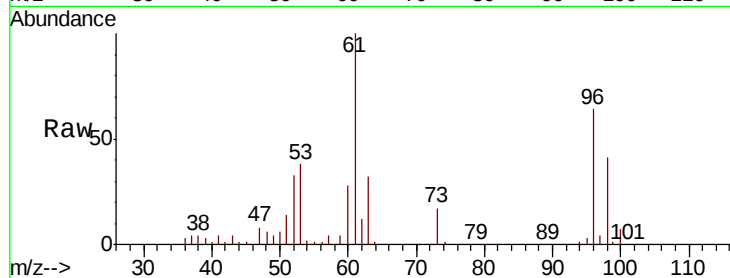
Tgt Ion: 96 Resp: 52743

Ion Ratio Lower Upper

96 100

61 155.6 119.4 179.2

98 64.0 48.4 72.6

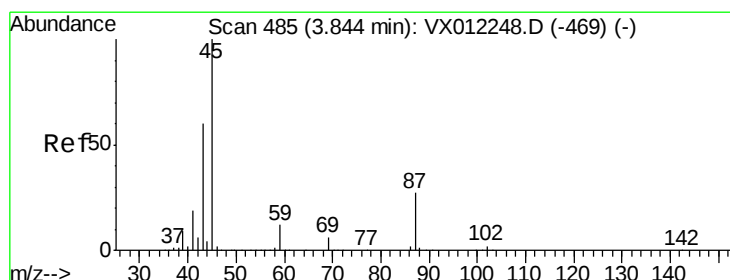
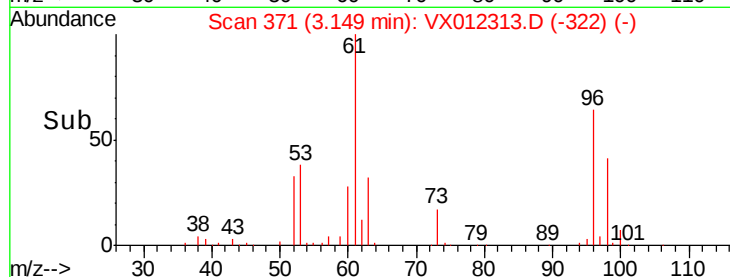
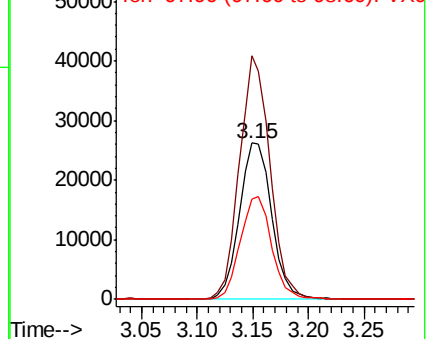


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.509 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012313.D

Acq: 11 Sep 2019 20:17

Tgt Ion: 45 Resp: 215410

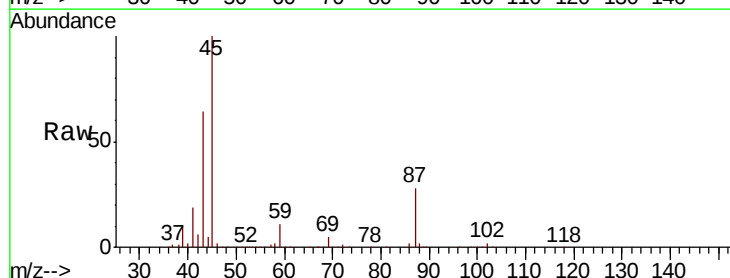
Ion Ratio Lower Upper

45 100

43 63.4 48.3 72.5

87 27.5 21.8 32.8

59 11.3 9.1 13.7



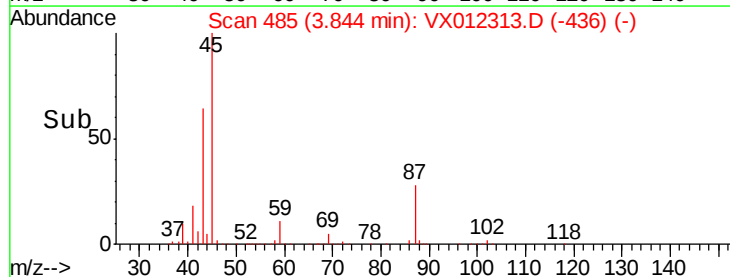
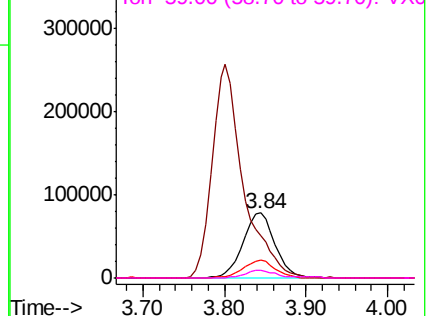
Abundance

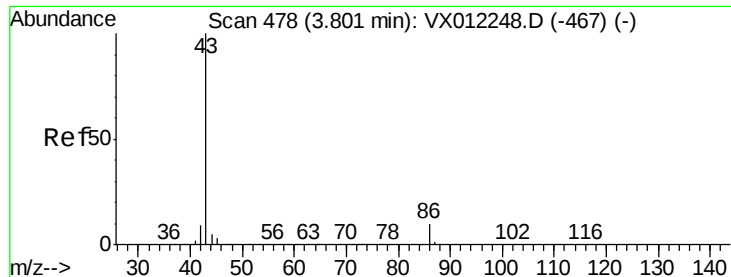
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 257.827 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012313.D

Acq: 11 Sep 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

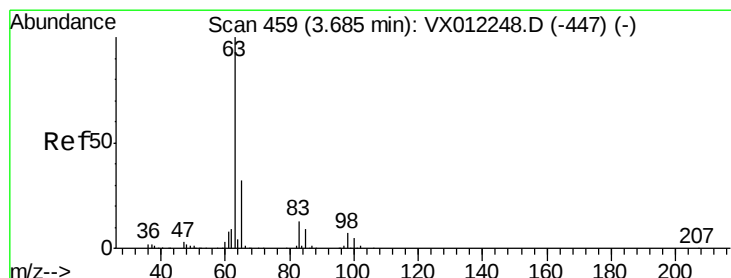
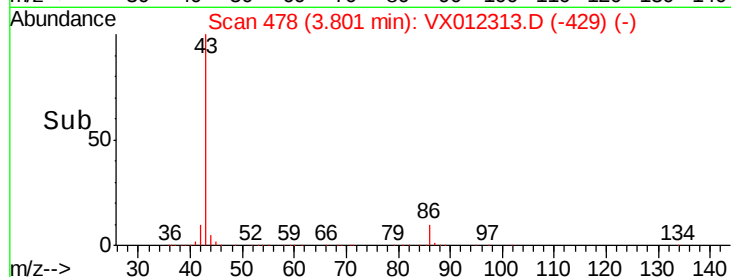
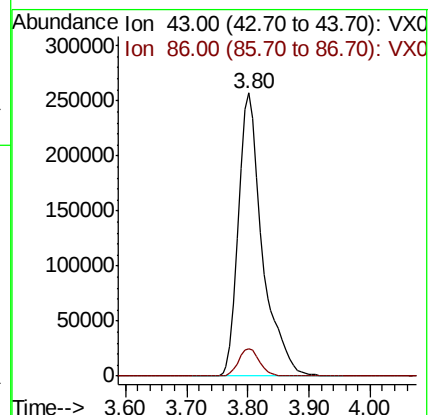
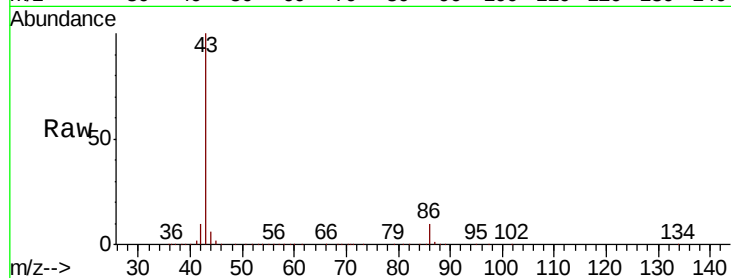
VSTDCCC050EC

Tgt Ion: 43 Resp: 688257

Ion Ratio Lower Upper

43 100

86 9.8 8.3 12.5



#24

1,1-Dichloroethane

Concen: 48.564 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012313.D

Acq: 11 Sep 2019 20:17

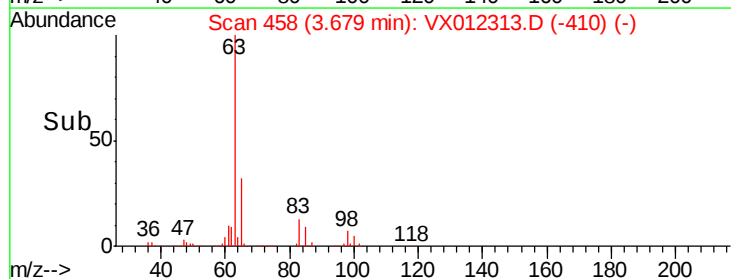
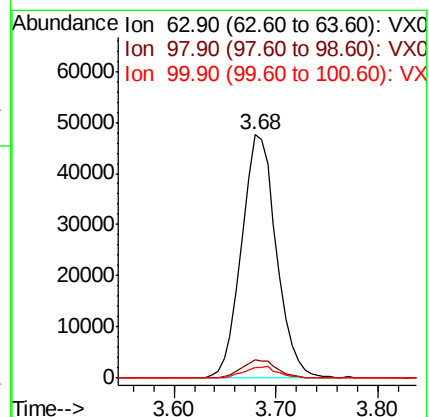
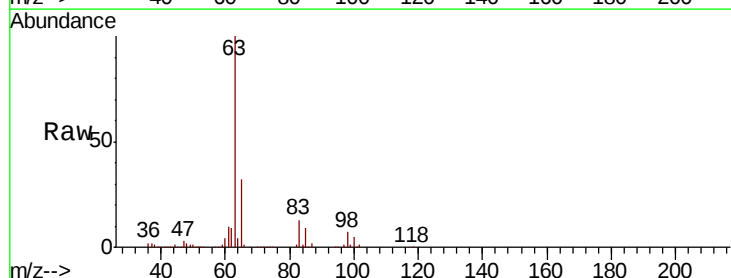
Tgt Ion: 63 Resp: 113181

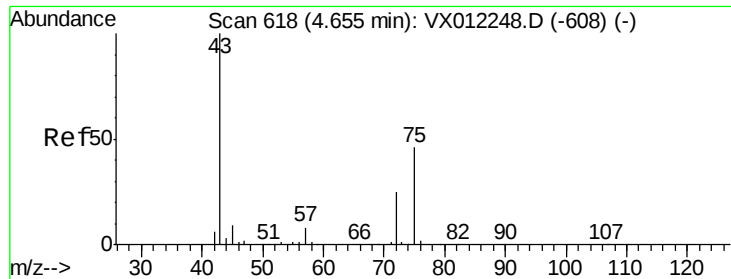
Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.1

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 242.160 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX012313.D

Acq: 11 Sep 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

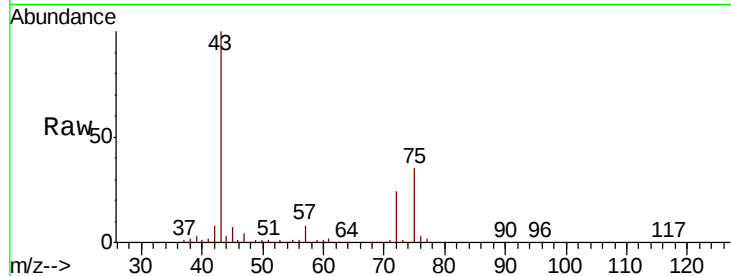
VSTDCCC050EC

Tgt Ion: 43 Resp: 127768

Ion Ratio Lower Upper

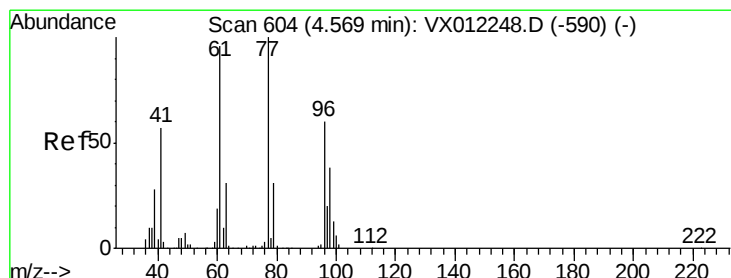
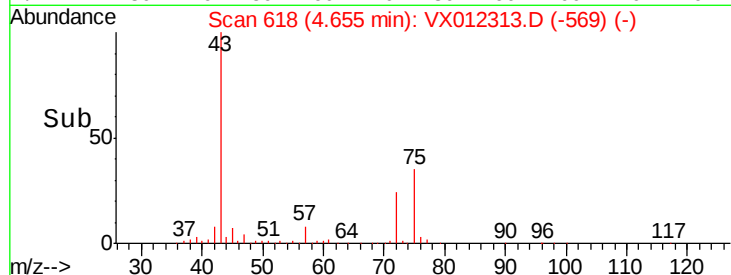
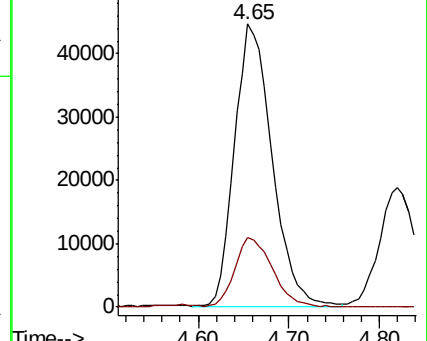
43 100

72 24.1 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 41.872 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012313.D

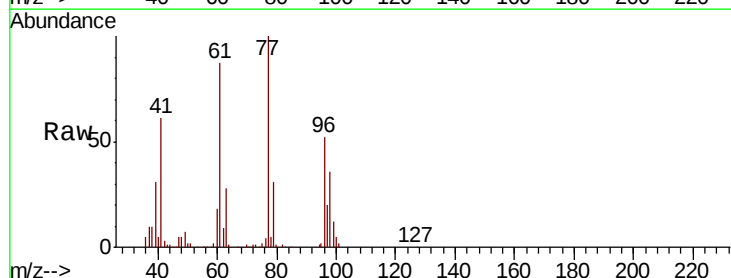
Acq: 11 Sep 2019 20:17

Tgt Ion: 77 Resp: 91617

Ion Ratio Lower Upper

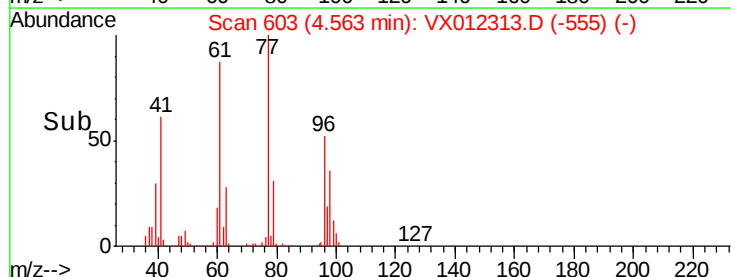
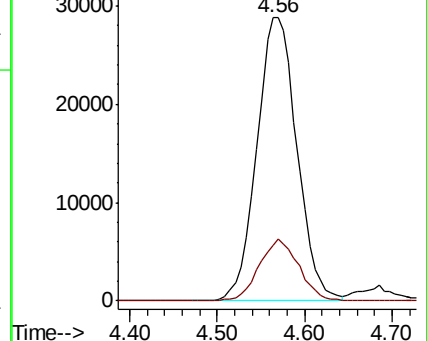
77 100

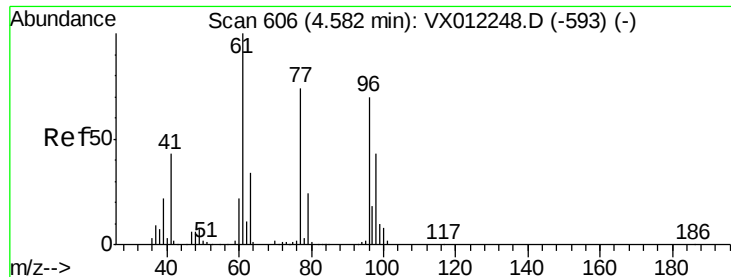
97 21.4 10.7 32.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



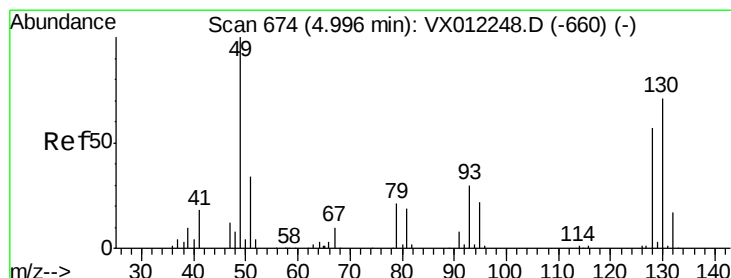
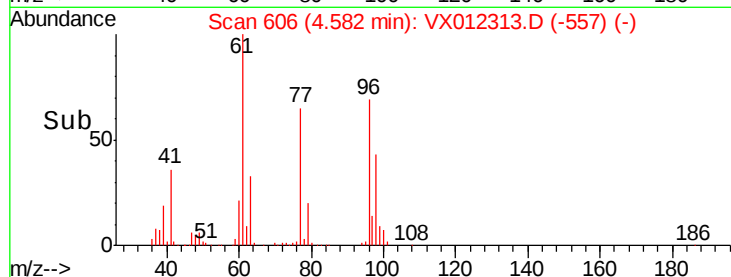
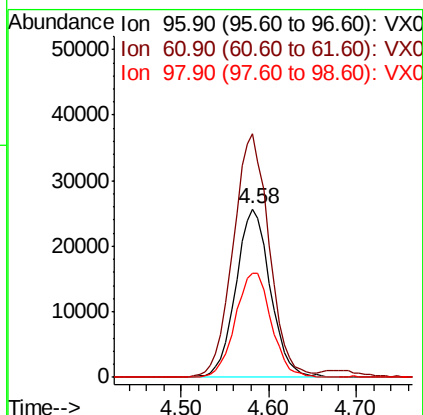
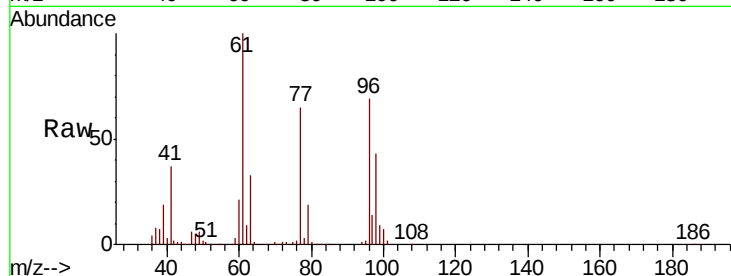


#27

cis-1,2-Dichloroethene
Concen: 48.872 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012313.D
Acq: 11 Sep 2019 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

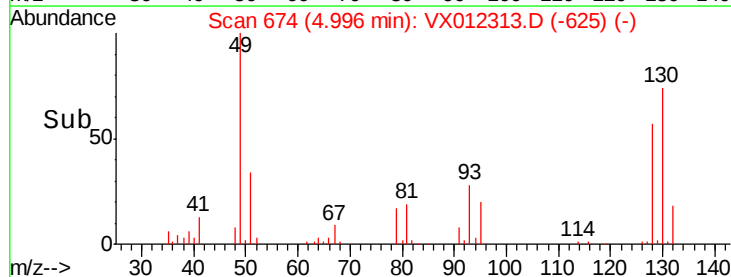
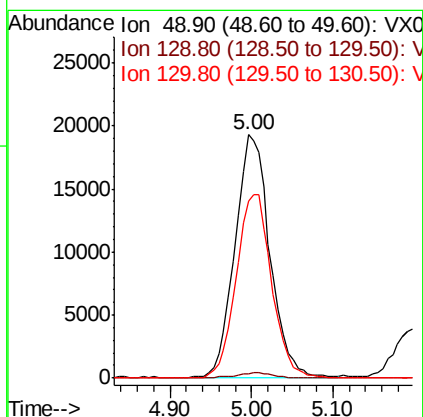
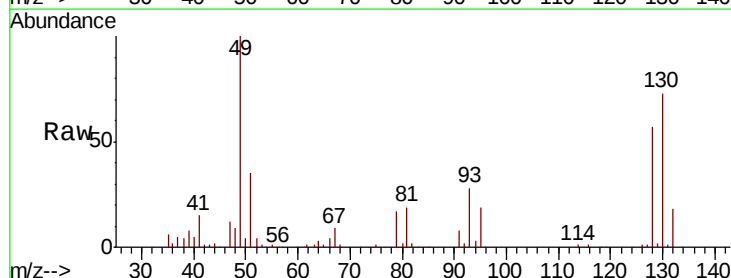
Tgt Ion: 96 Resp: 70245
Ion Ratio Lower Upper
96 100
61 151.0 0.0 310.4
98 64.8 0.0 128.8

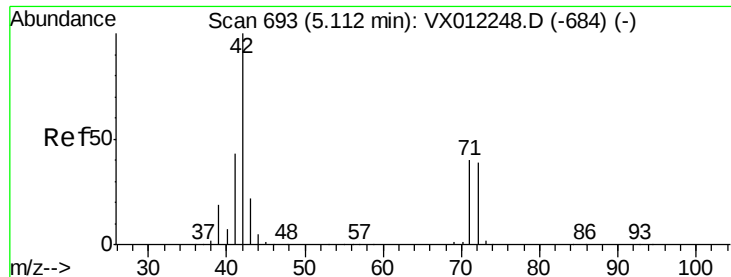


#28

Bromochloromethane
Concen: 52.650 ug/l
RT: 5.00 min Scan# 674
Delta R.T. 0.00 min
Lab File: VX012313.D
Acq: 11 Sep 2019 20:17

Tgt Ion: 49 Resp: 57547
Ion Ratio Lower Upper
49 100
129 2.3 0.0 5.2
130 76.2 60.1 90.1

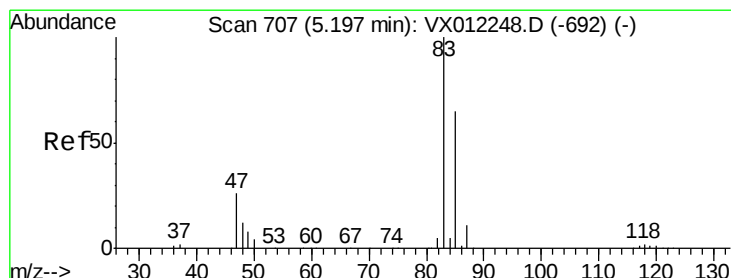
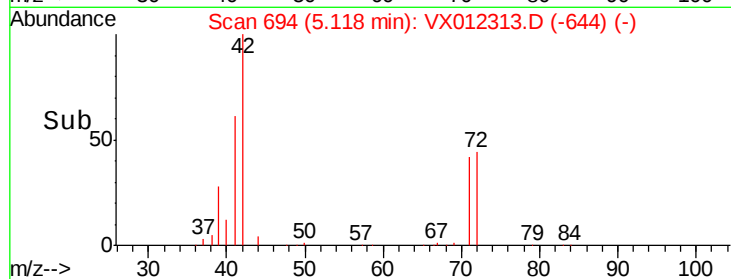
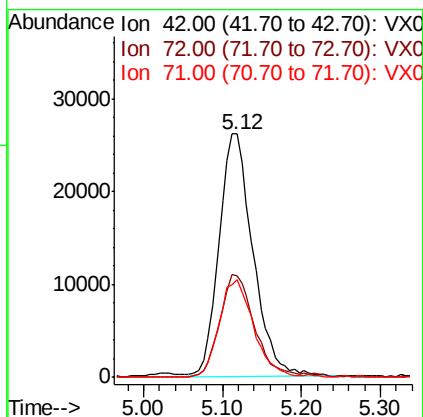
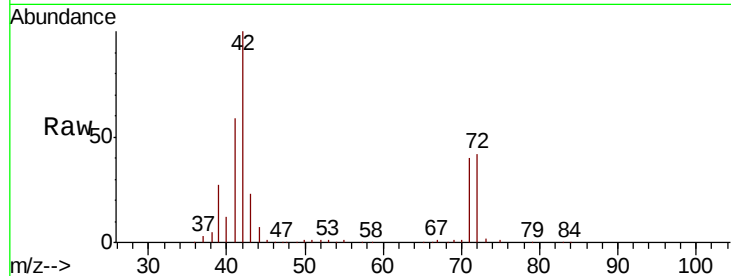




#29
Tetrahydrofuran
Concen: 275.007 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012313.D
Acq: 11 Sep 2019 20:17

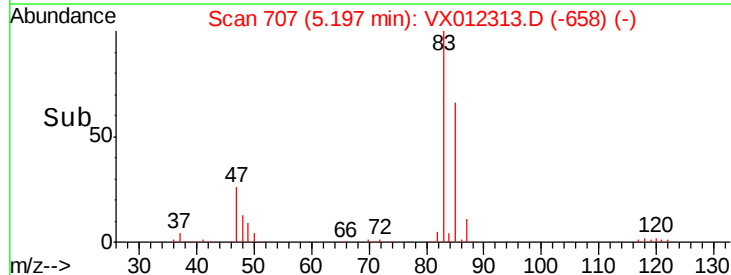
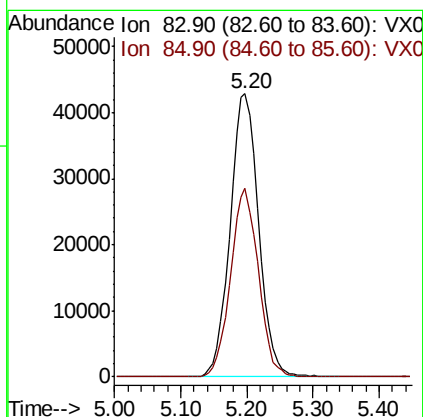
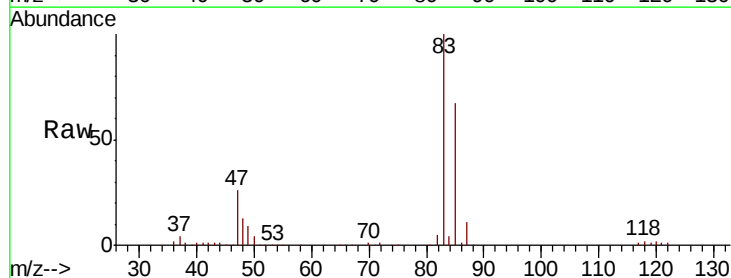
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

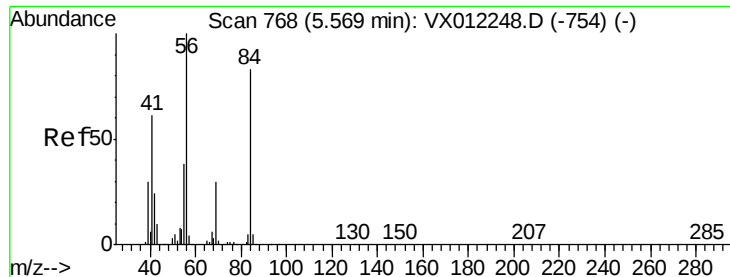
Tgt Ion: 42 Resp: 78287
Ion Ratio Lower Upper
42 100
72 43.5 35.2 52.8
71 40.7 32.5 48.7



#30
Chloroform
Concen: 48.603 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX012313.D
Acq: 11 Sep 2019 20:17

Tgt Ion: 83 Resp: 127729
Ion Ratio Lower Upper
83 100
85 66.9 52.3 78.5

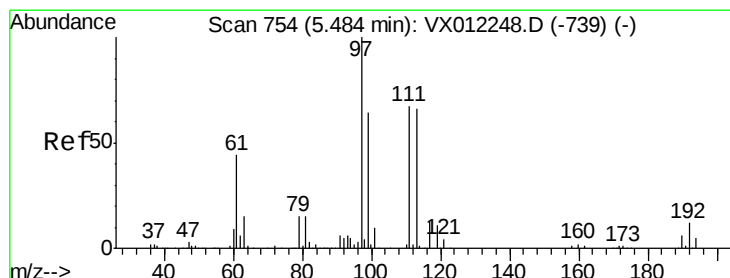
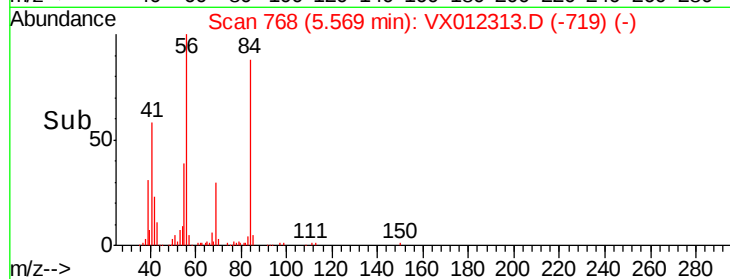
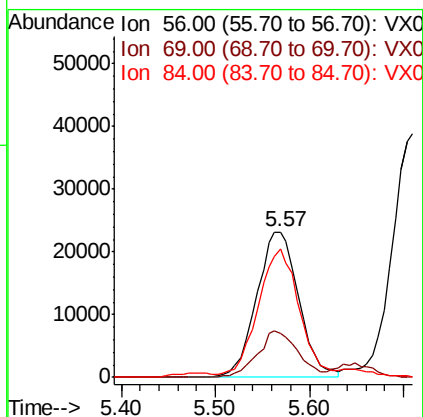
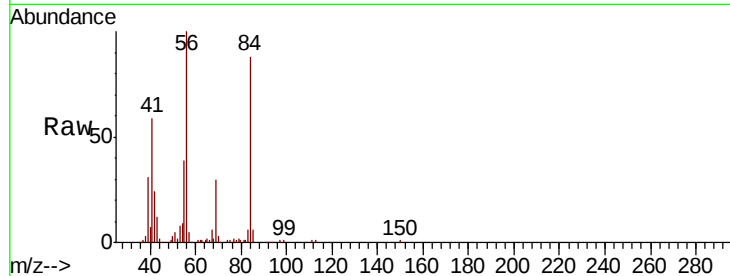




#31
Cyclohexane
Concen: 44.764 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012313.D
Acq: 11 Sep 2019 20:17

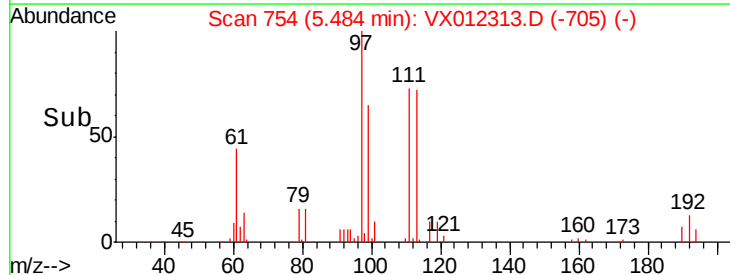
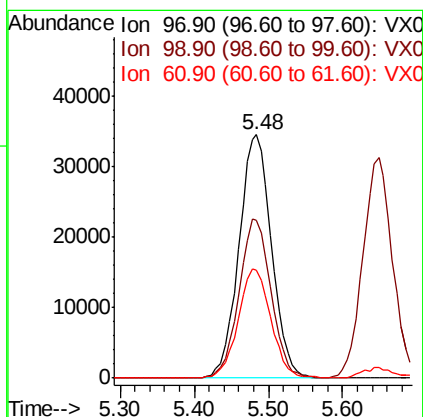
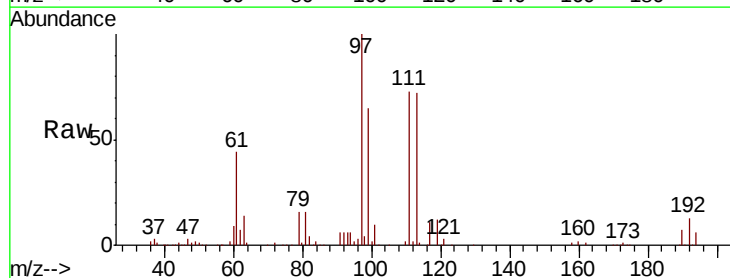
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

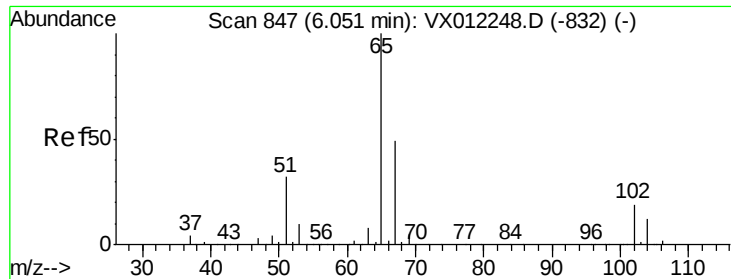
Tgt Ion: 56 Resp: 72468
Ion Ratio Lower Upper
56 100
69 29.4 23.8 35.6
84 85.0 66.6 100.0



#32
1,1,1-Trichloroethane
Concen: 46.763 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012313.D
Acq: 11 Sep 2019 20:17

Tgt Ion: 97 Resp: 105526
Ion Ratio Lower Upper
97 100
99 64.5 51.3 76.9
61 45.1 35.4 53.0

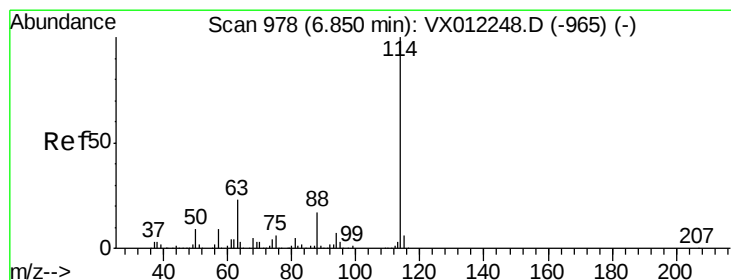
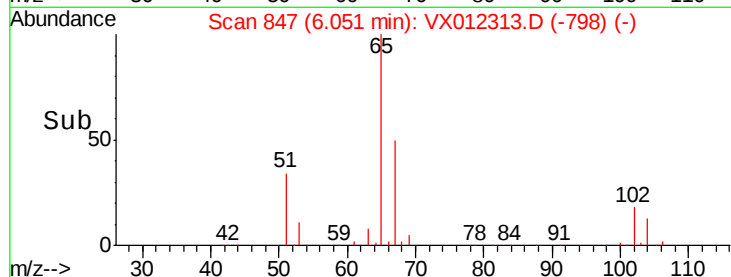
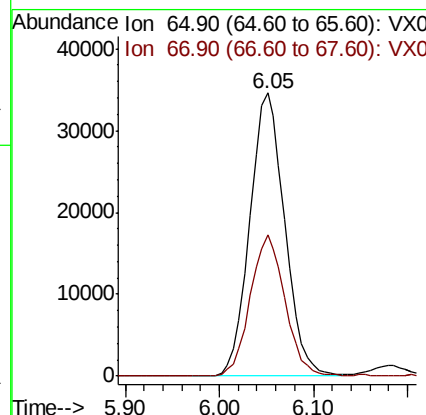
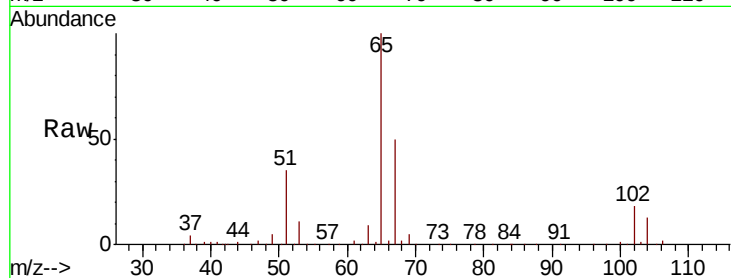




#33
 1,2-Dichloroethane-d4
 Concen: 51.623 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012313.D
 Acq: 11 Sep 2019 20:17

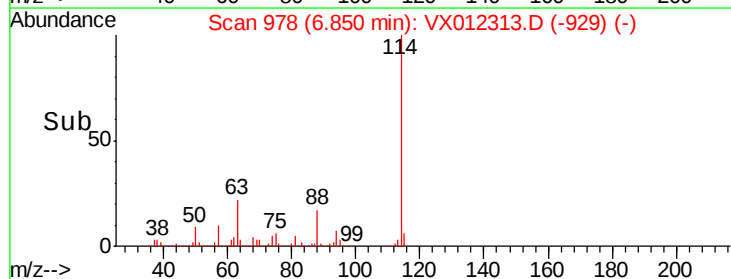
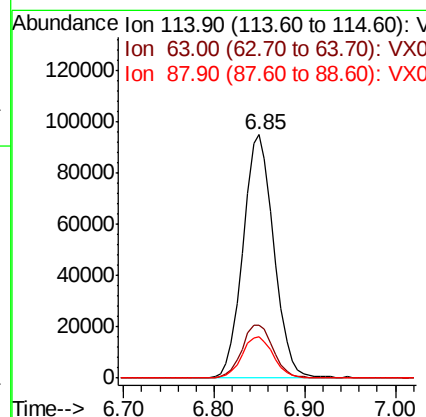
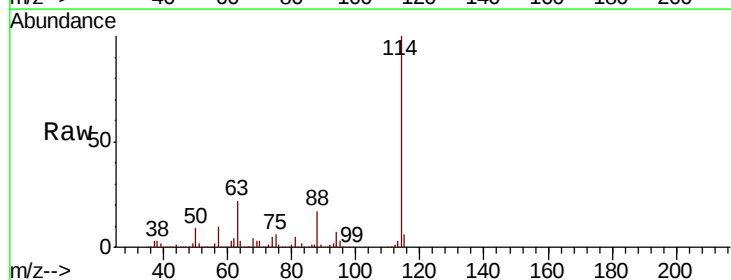
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

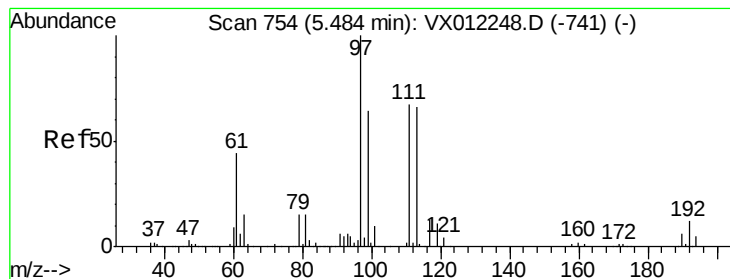
Tgt Ion: 65 Resp: 90003
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012313.D
 Acq: 11 Sep 2019 20:17

Tgt Ion: 114 Resp: 223855
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 45.2
 88 16.8 0.0 34.8





#35

Dibromofluoromethane

Concen: 49.393 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012313.D

Acq: 11 Sep 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

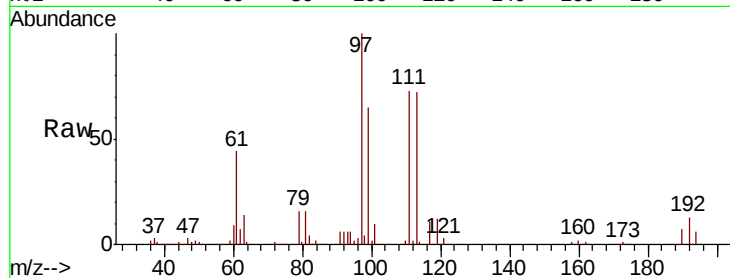
Tgt Ion:113 Resp: 70880

Ion Ratio Lower Upper

113 100

111 102.4 83.0 124.6

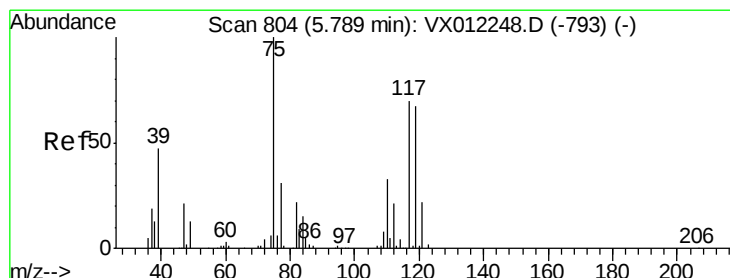
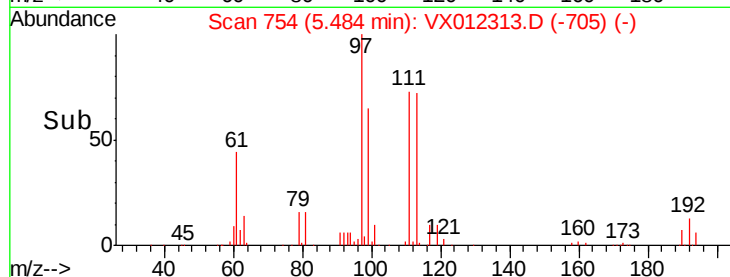
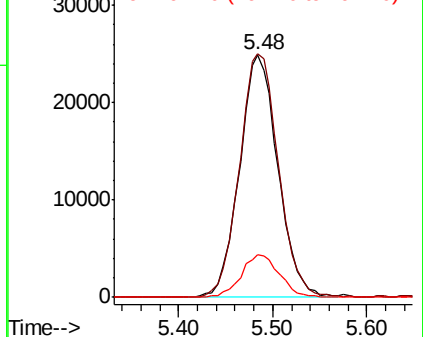
192 17.5 14.3 21.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 45.726 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012313.D

Acq: 11 Sep 2019 20:17

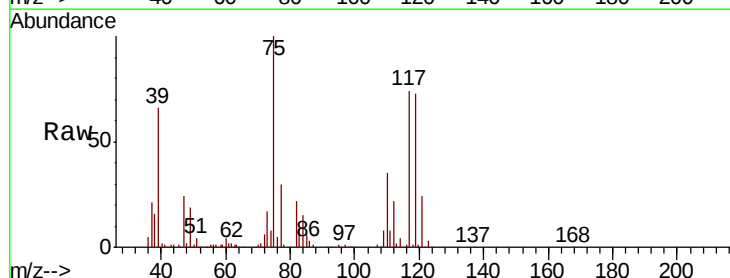
Tgt Ion: 75 Resp: 74638

Ion Ratio Lower Upper

75 100

110 34.6 16.8 50.4

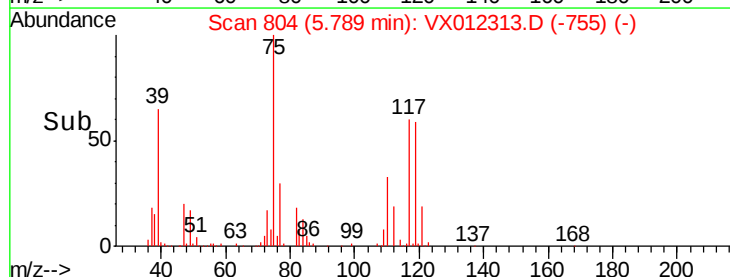
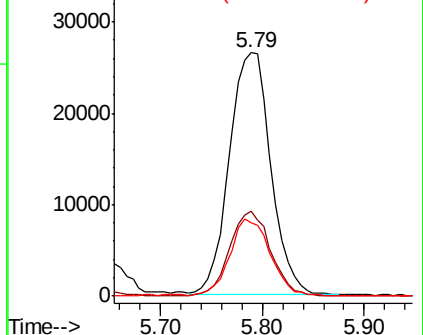
77 30.4 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

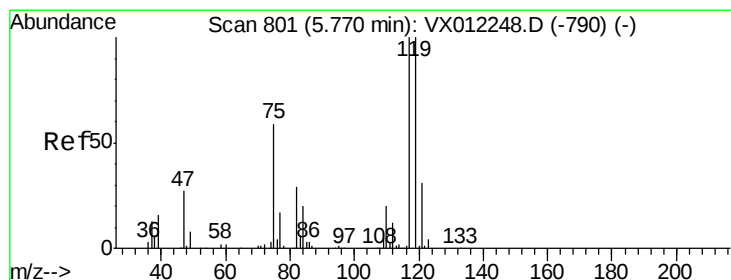
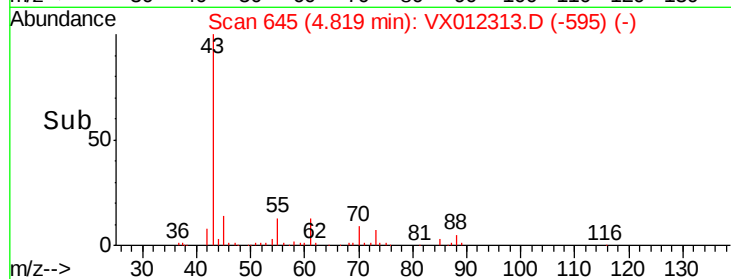
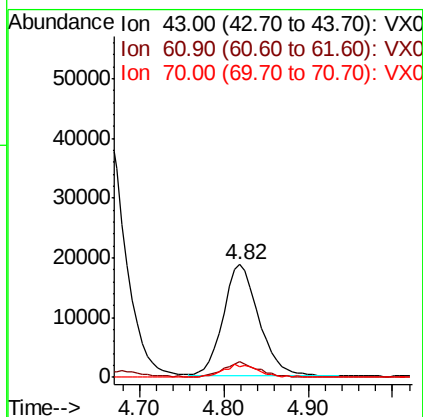
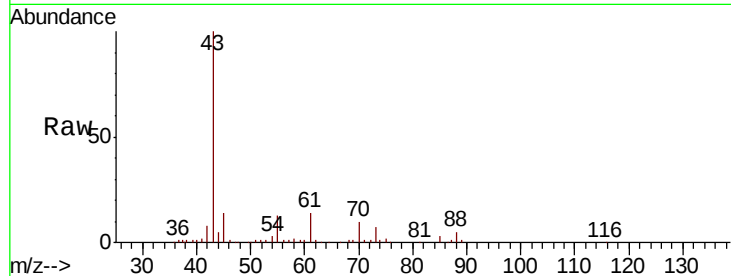




#37
Ethyl Acetate
Concen: 53.833 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012313.D
Acq: 11 Sep 2019 20:17

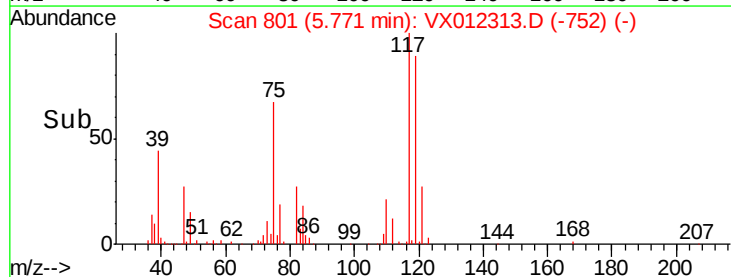
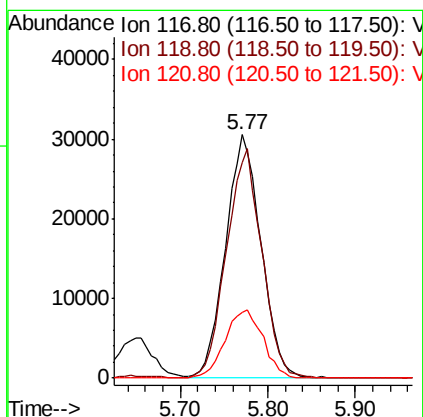
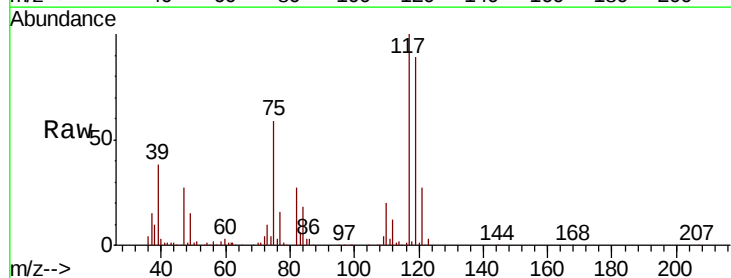
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

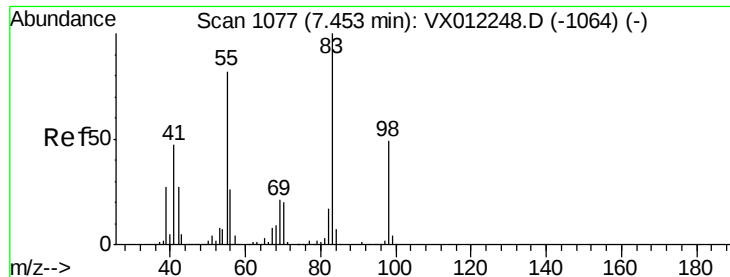
Tgt Ion: 43 Resp: 54318
Ion Ratio Lower Upper
43 100
61 12.4 10.3 15.5
70 11.6 9.1 13.7



#38
Carbon Tetrachloride
Concen: 44.988 ug/l
RT: 5.77 min Scan# 801
Delta R.T. 0.00 min
Lab File: VX012313.D
Acq: 11 Sep 2019 20:17

Tgt Ion: 117 Resp: 86155
Ion Ratio Lower Upper
117 100
119 88.7 79.6 119.4
121 26.8 24.7 37.1

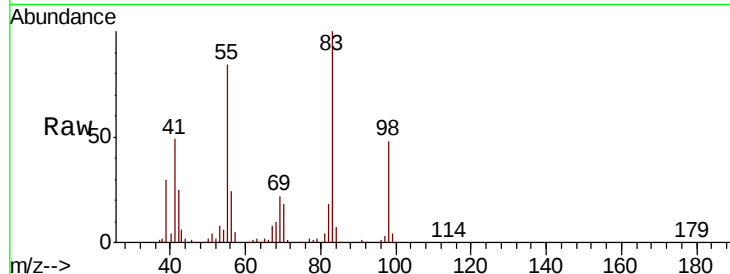




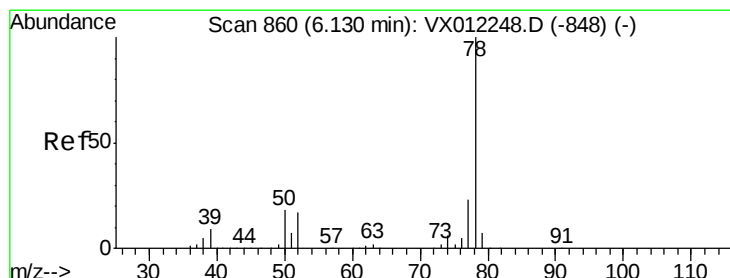
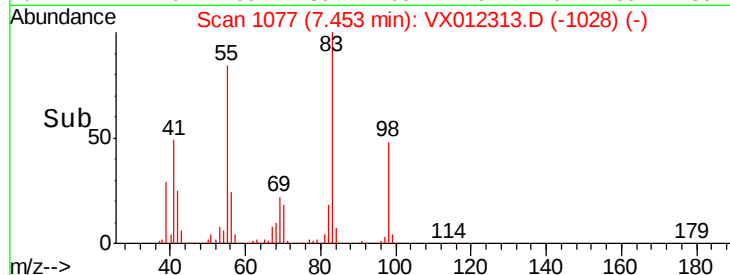
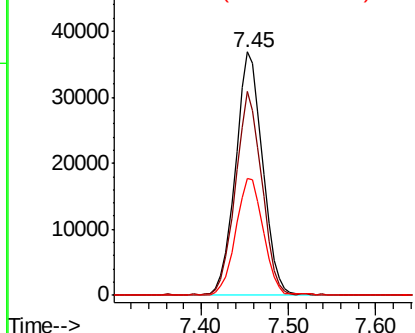
#39
Methylcyclohexane
Concen: 44.547 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX012313.D
Acq: 11 Sep 2019 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 79798
Ion Ratio Lower Upper
83 100
55 83.3 65.4 98.2
98 47.8 39.6 59.4

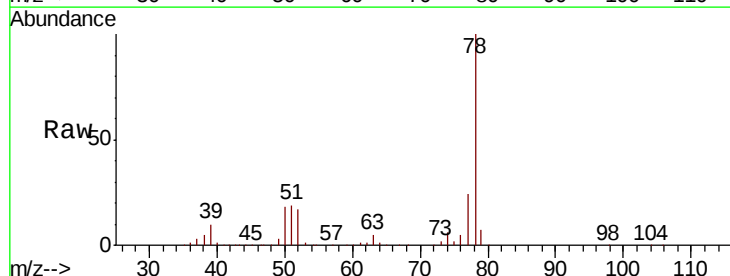


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

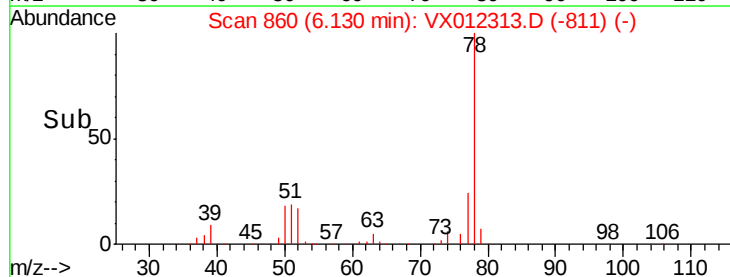
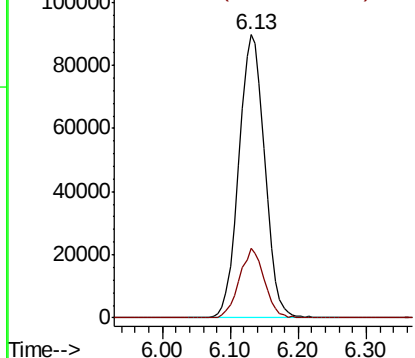


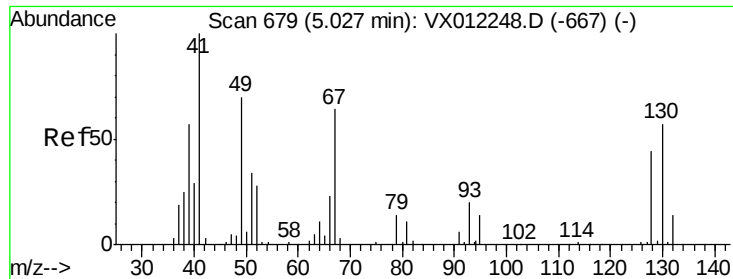
#40
Benzene
Concen: 47.913 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012313.D
Acq: 11 Sep 2019 20:17

Tgt Ion: 78 Resp: 236699
Ion Ratio Lower Upper
78 100
77 24.4 18.0 27.0



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

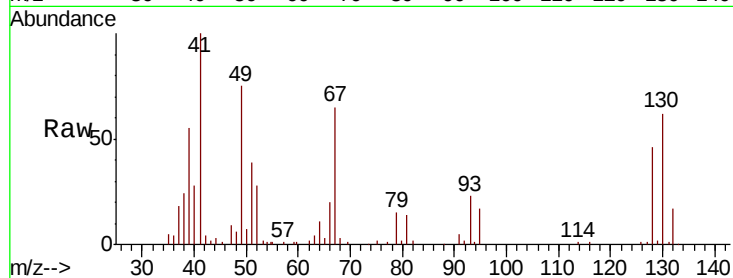




#41
Methacrylonitrile
Concen: 53.117 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012313.D
Acq: 11 Sep 2019 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	33041
Ion	Ratio	Lower	Upper
41	100		
39	56.3	49.0	73.4
67	67.5	55.0	82.4
52	31.6	25.4	38.0



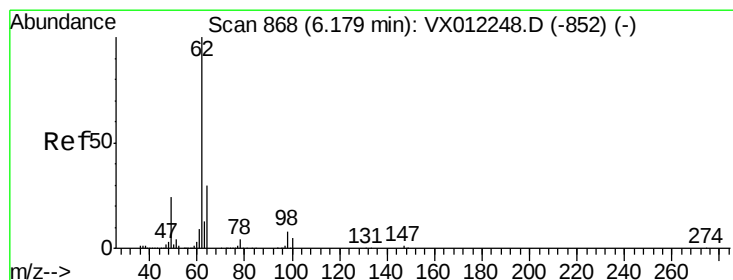
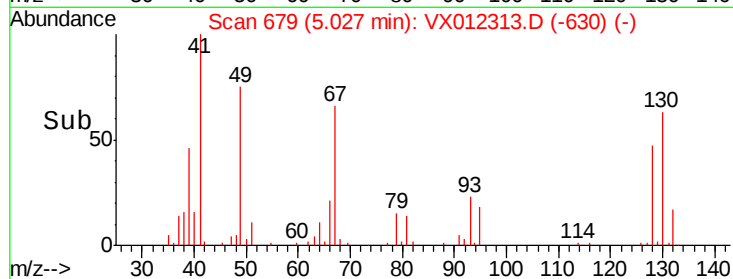
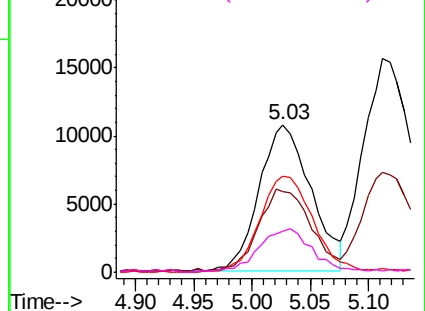
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

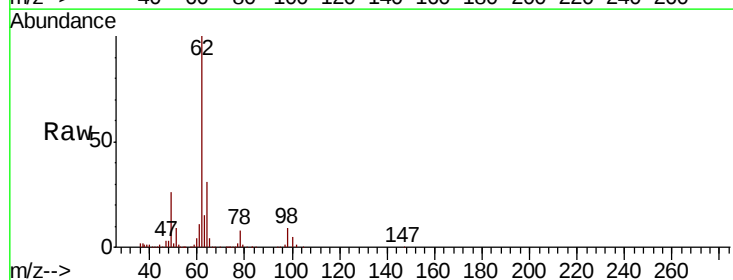
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 49.227 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX012313.D
Acq: 11 Sep 2019 20:17

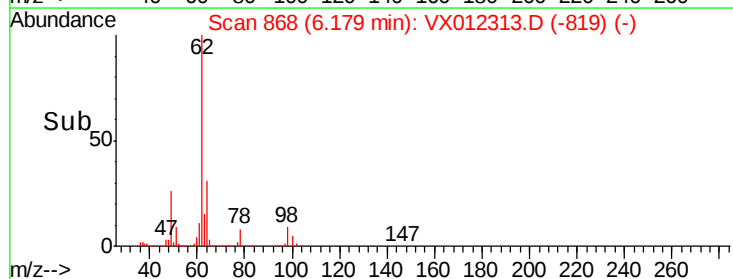
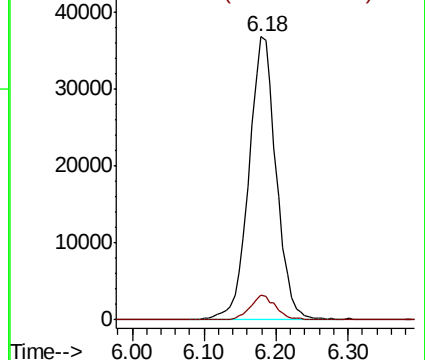
Tgt Ion:	62	Resp:	96118
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.2

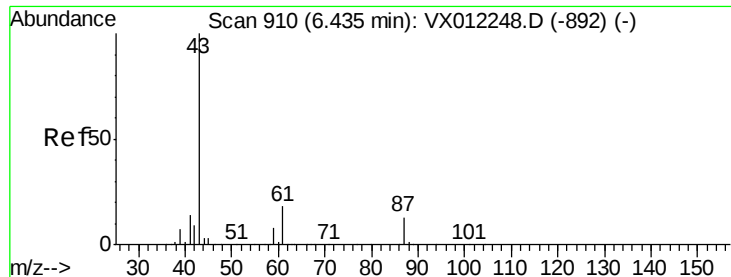


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.424 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012313.D

Acq: 11 Sep 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

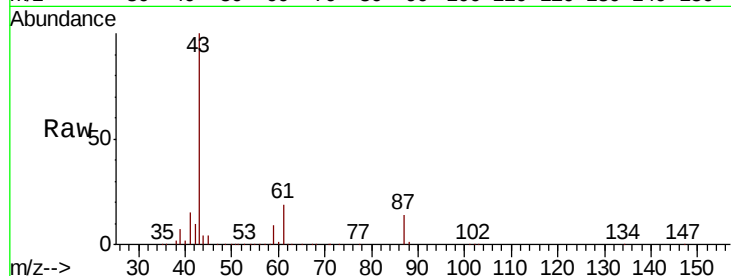
Tgt Ion: 43 Resp: 109395

Ion Ratio Lower Upper

43 100

61 19.1 15.4 23.2

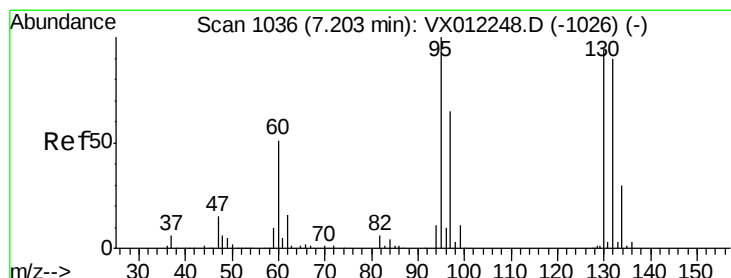
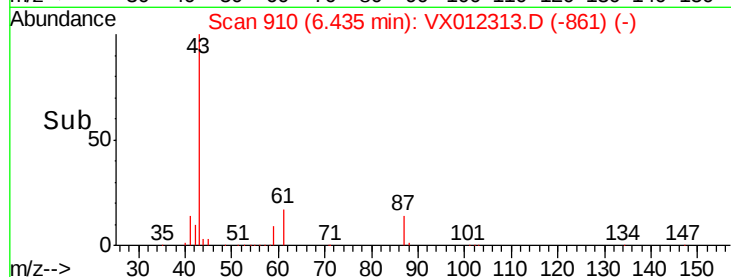
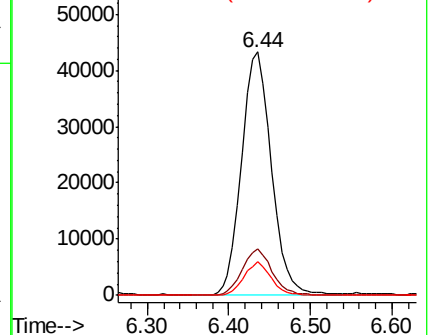
87 12.5 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.256 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012313.D

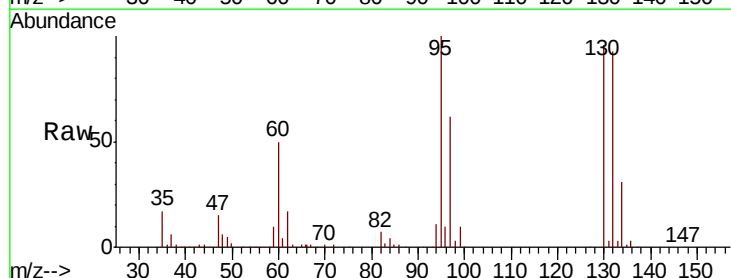
Acq: 11 Sep 2019 20:17

Tgt Ion: 130 Resp: 63179

Ion Ratio Lower Upper

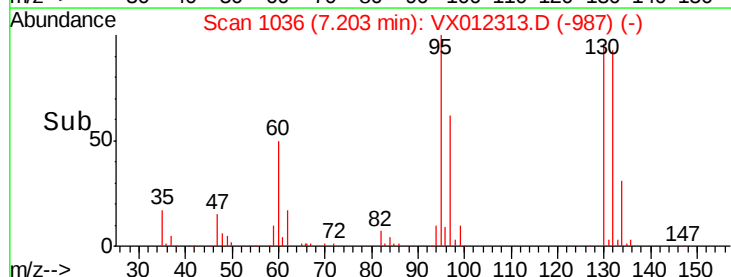
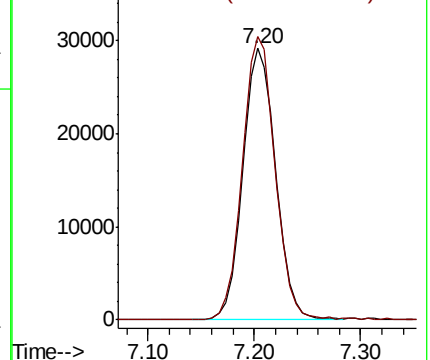
130 100

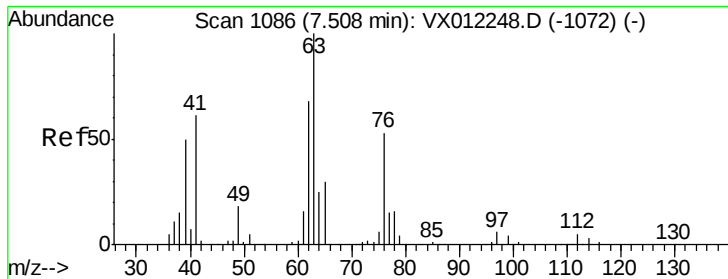
95 104.3 0.0 212.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

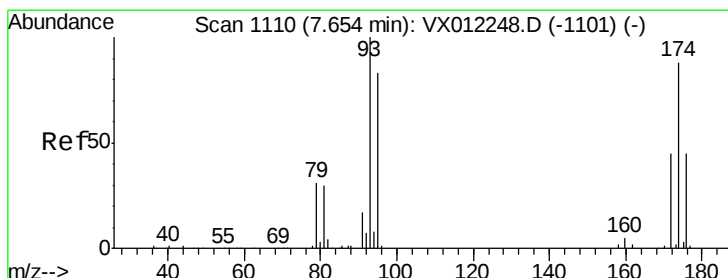
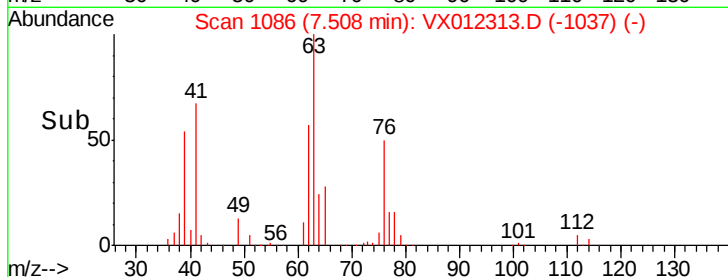
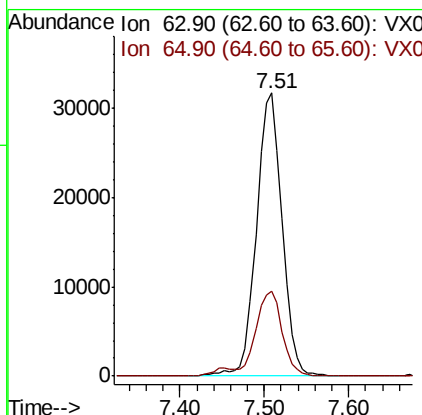
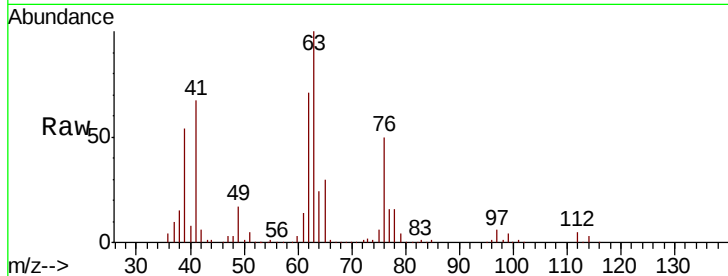




#45
 1,2-Dichloropropane
 Concen: 48.412 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012313.D
 Acq: 11 Sep 2019 20:17

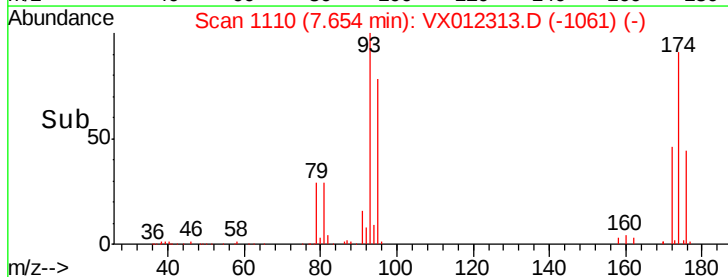
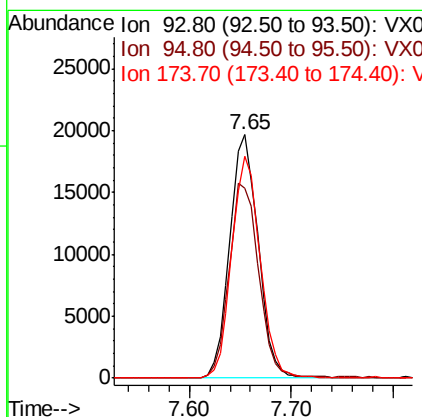
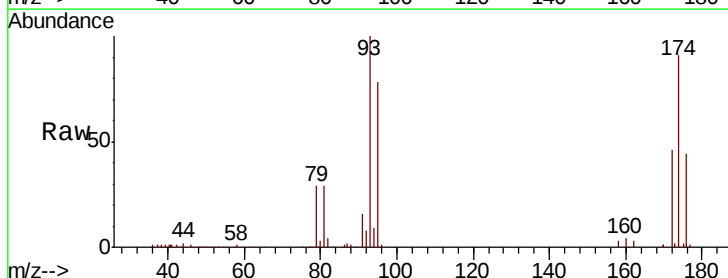
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

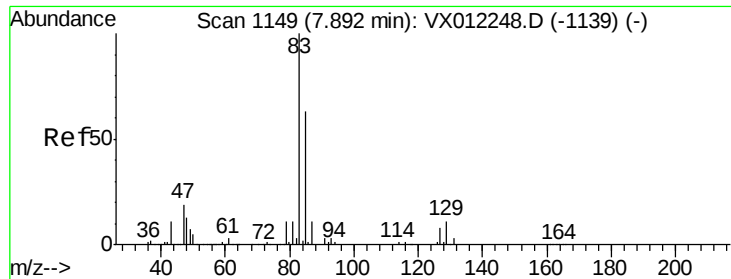
Tgt Ion: 63 Resp: 66201
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.3 36.5



#46
 Dibromomethane
 Concen: 50.756 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012313.D
 Acq: 11 Sep 2019 20:17

Tgt Ion: 93 Resp: 37933
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.7 98.5
 174 90.8 71.0 106.4

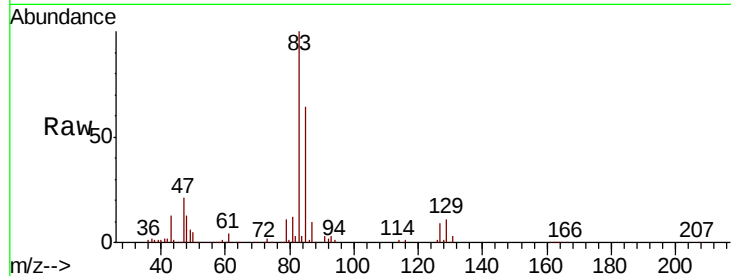




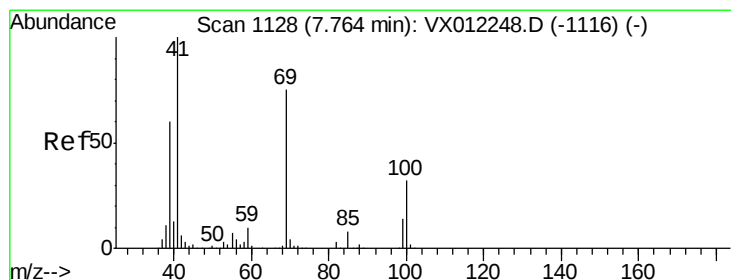
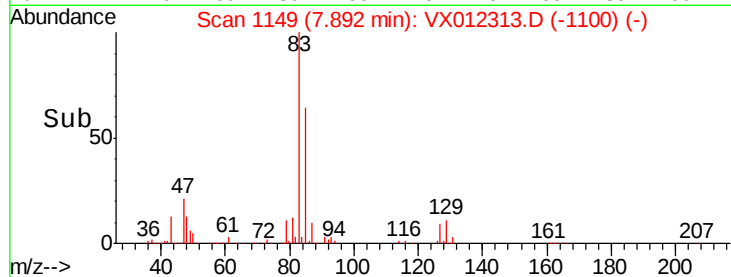
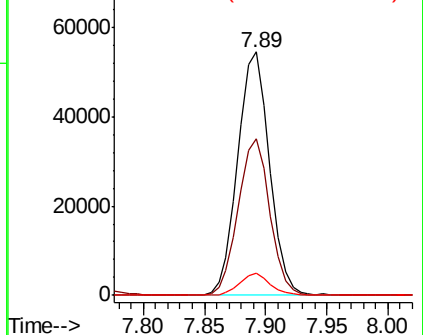
#47
 Bromodichloromethane
 Concen: 48.220 ug/l
 RT: 7.89 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: VX012313.D
 Acq: 11 Sep 2019 20:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 83 Resp: 98345
 Ion Ratio Lower Upper
 83 100
 85 64.1 50.2 75.4
 127 9.2 6.3 9.5

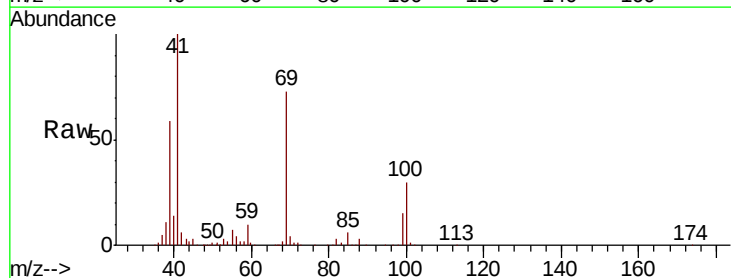


Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 126.80 (126.50 to 127.50): V

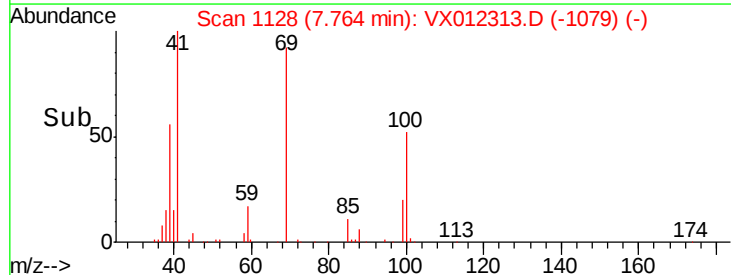
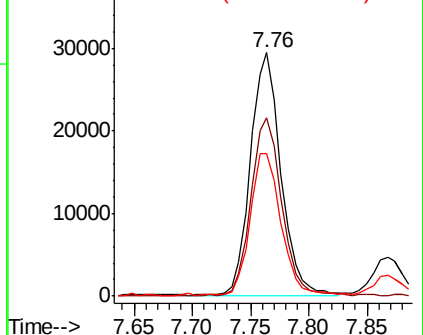


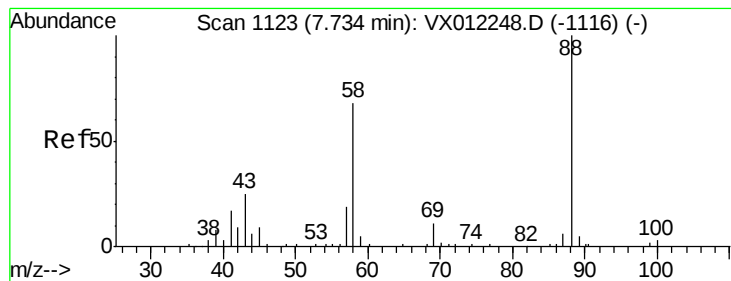
#48
 Methyl methacrylate
 Concen: 52.481 ug/l
 RT: 7.76 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX012313.D
 Acq: 11 Sep 2019 20:17

Tgt Ion: 41 Resp: 53439
 Ion Ratio Lower Upper
 41 100
 69 74.9 61.8 92.6
 39 58.8 48.6 73.0



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: 1031.067 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012313.D

Acq: 11 Sep 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

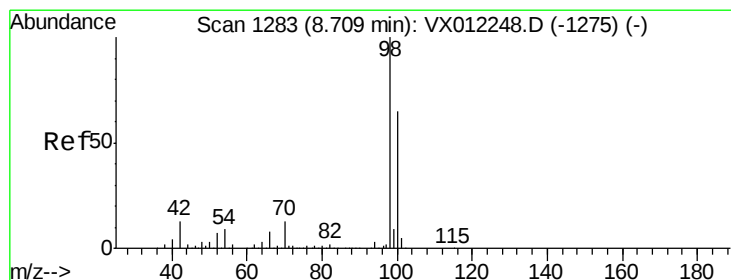
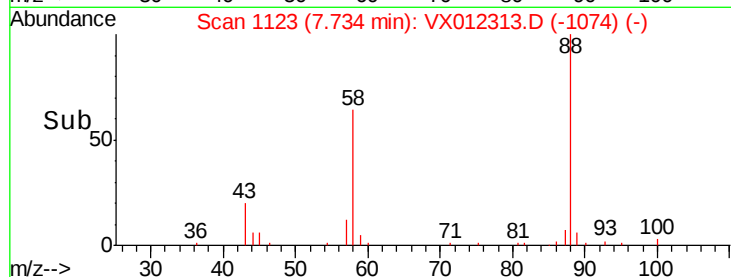
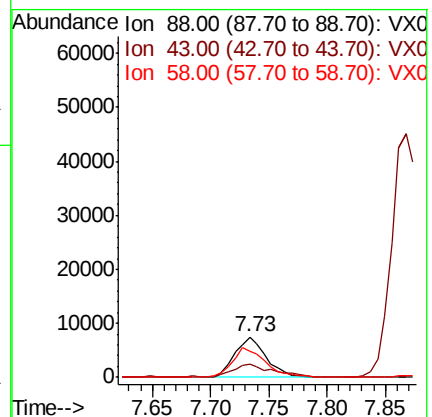
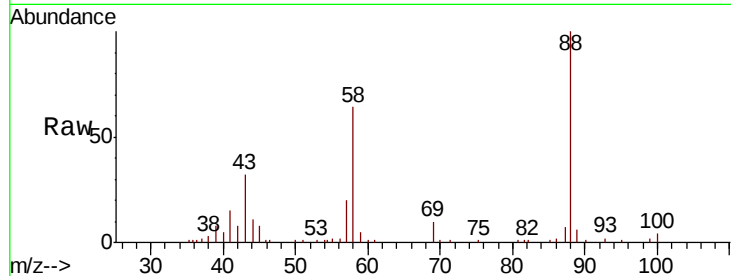
Tgt Ion: 88 Resp: 14167

Ion Ratio Lower Upper

88 100

43 38.5 31.0 46.4

58 74.4 61.5 92.3



#50

Toluene-d8

Concen: 51.933 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012313.D

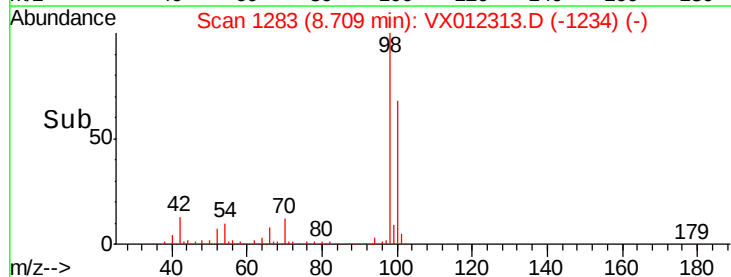
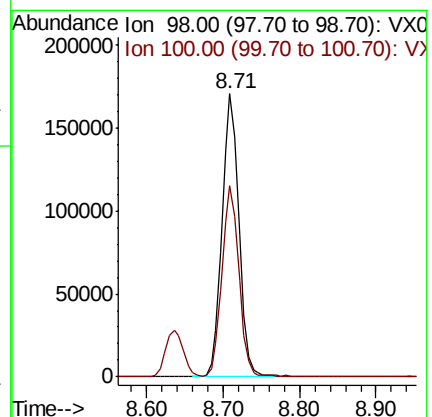
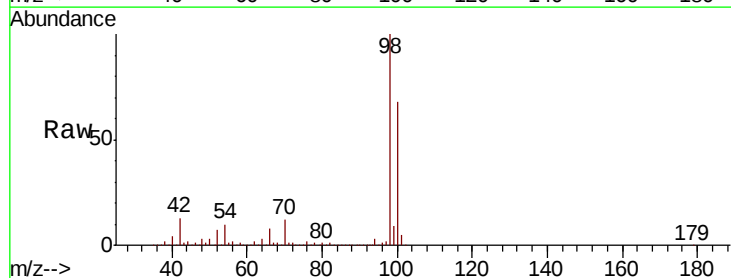
Acq: 11 Sep 2019 20:17

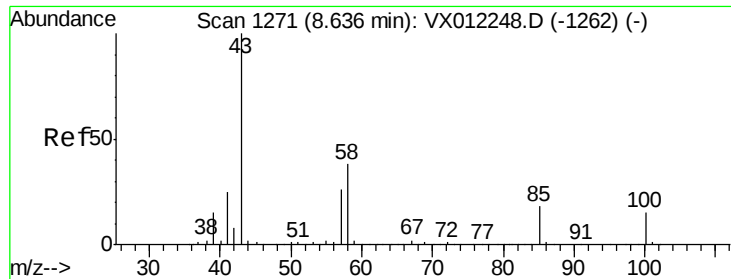
Tgt Ion: 98 Resp: 261385

Ion Ratio Lower Upper

98 100

100 67.9 54.1 81.1





#51

4-Methyl-2-Pentanone

Concen: 257.236 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012313.D

Acq: 11 Sep 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

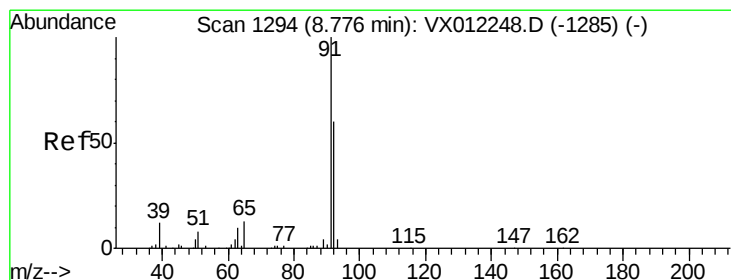
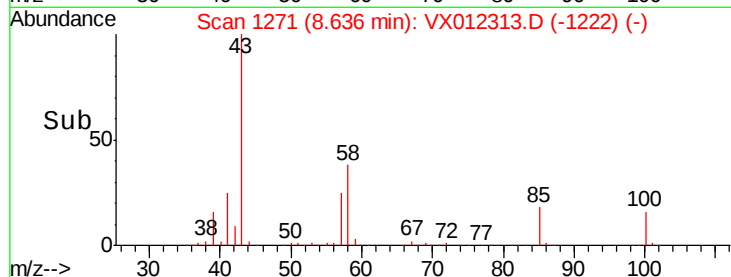
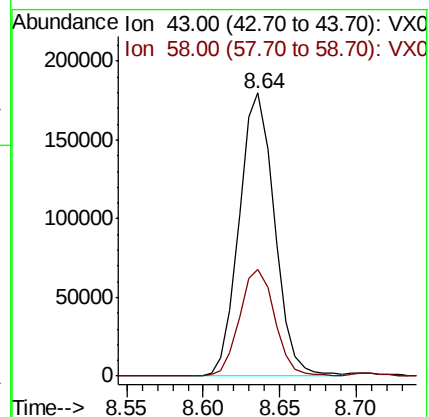
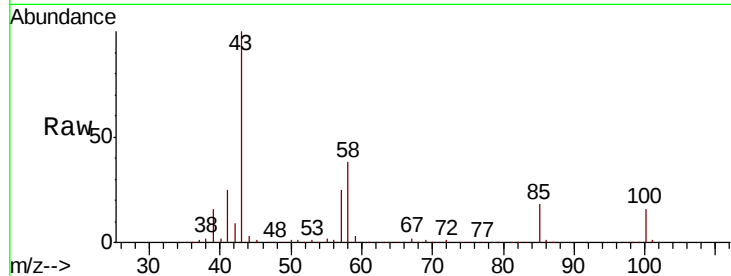
VSTDCCC050EC

Tgt Ion: 43 Resp: 288810

Ion Ratio Lower Upper

43 100

58 37.7 30.1 45.1



#52

Toluene

Concen: 47.575 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX012313.D

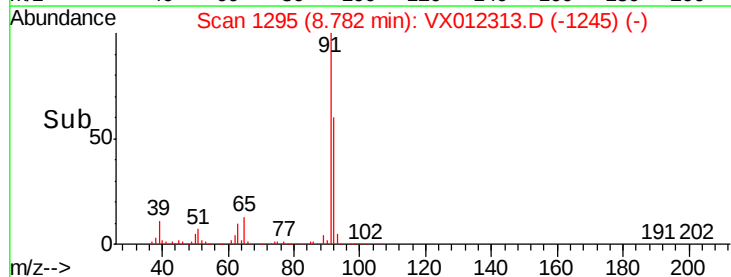
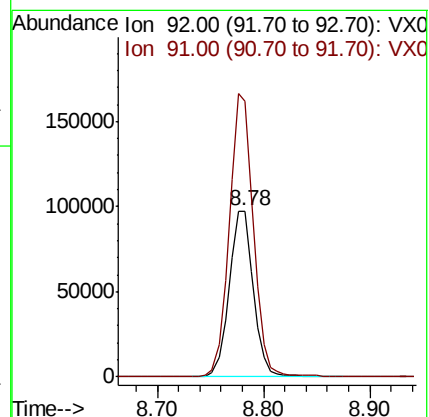
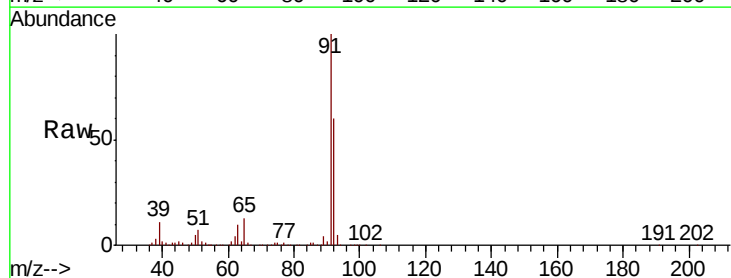
Acq: 11 Sep 2019 20:17

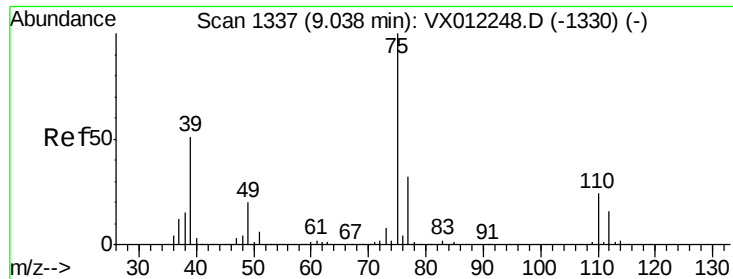
Tgt Ion: 92 Resp: 155242

Ion Ratio Lower Upper

92 100

91 169.9 133.6 200.4

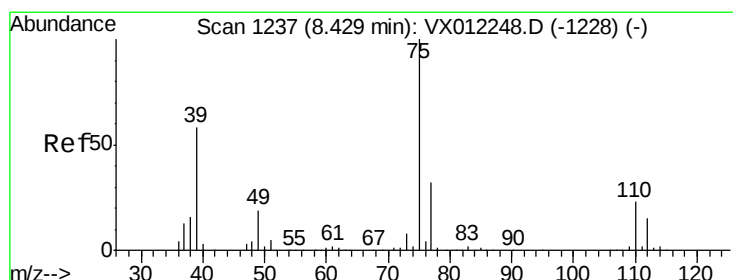
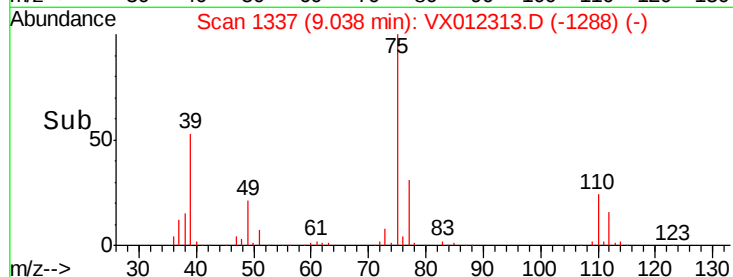
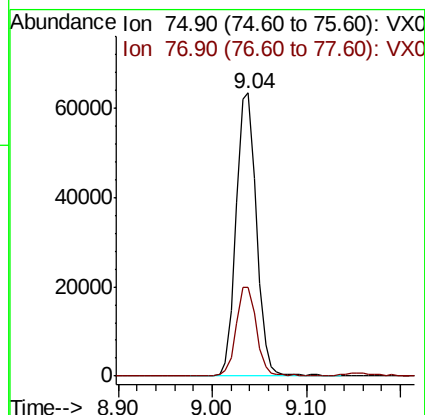
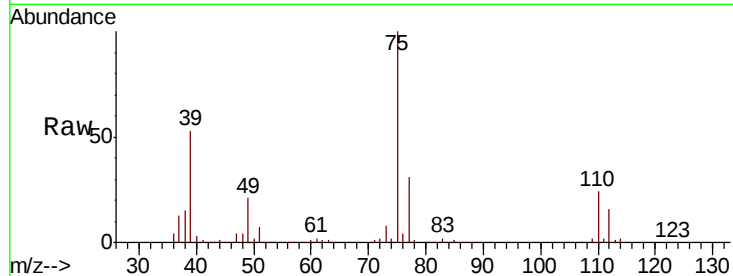




#53
t-1,3-Dichloropropene
Concen: 46.843 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012313.D
Acq: 11 Sep 2019 20:17

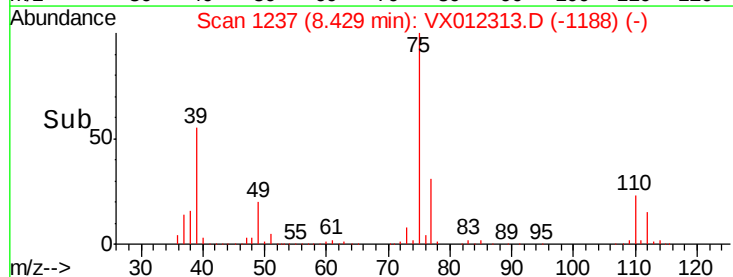
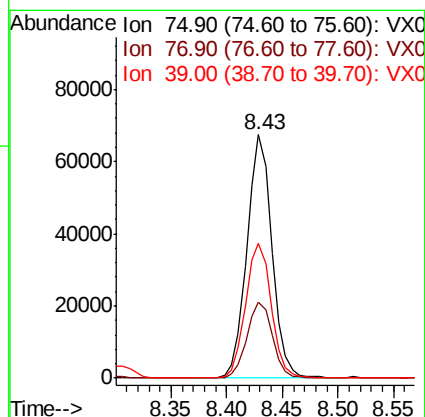
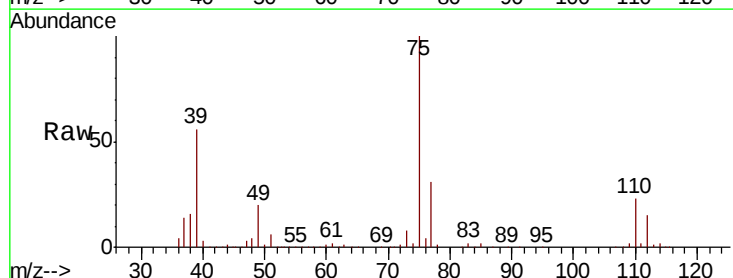
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

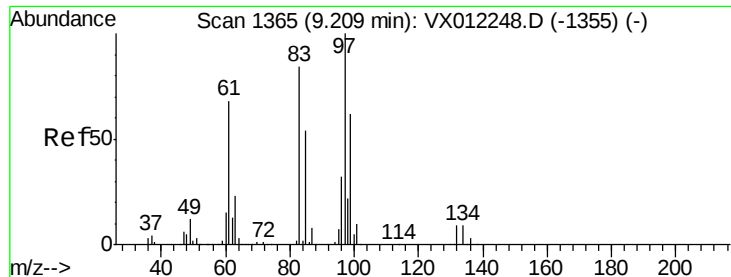
Tgt Ion: 75 Resp: 95356
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 46.686 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012313.D
Acq: 11 Sep 2019 20:17

Tgt Ion: 75 Resp: 105384
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2
39 55.3 46.5 69.7

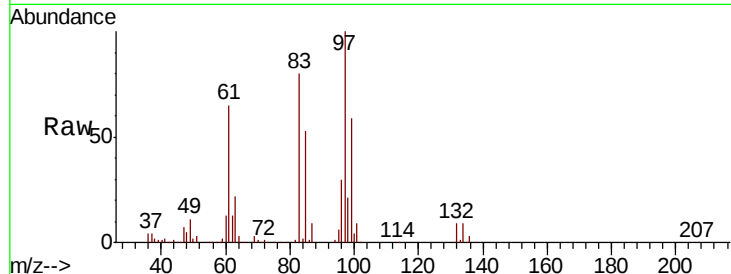




#55
 1,1,2-Trichloroethane
 Concen: 51.090 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012313.D
 Acq: 11 Sep 2019 20:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	59155
Ion	Ratio	Lower	Upper
97	100		
83	80.3	67.4	101.2
85	52.7	43.4	65.2
99	58.8	49.8	74.6



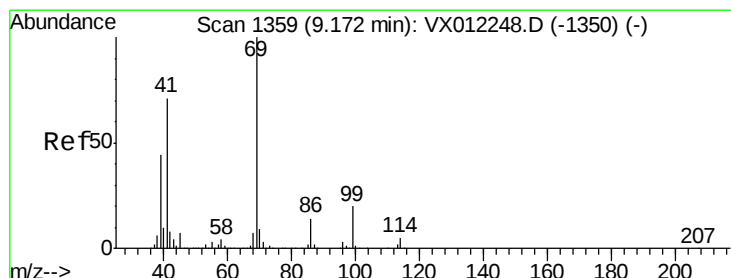
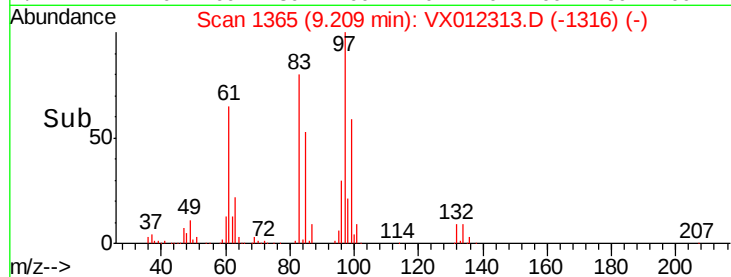
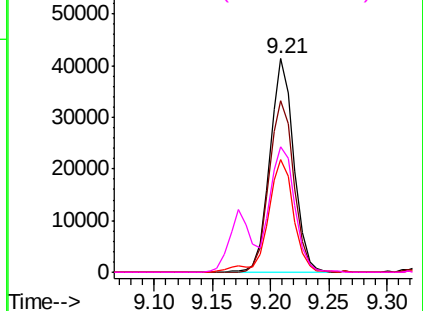
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

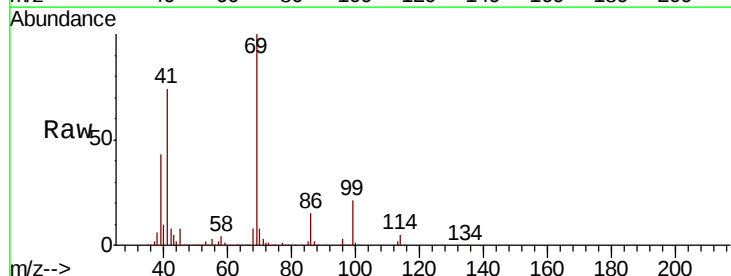
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 51.127 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012313.D
 Acq: 11 Sep 2019 20:17

Tgt Ion:	69	Resp:	80152
Ion	Ratio	Lower	Upper
69	100		
41	71.0	57.7	86.5
39	42.1	34.0	51.0

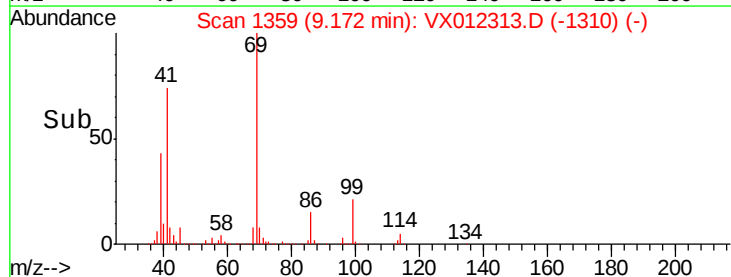
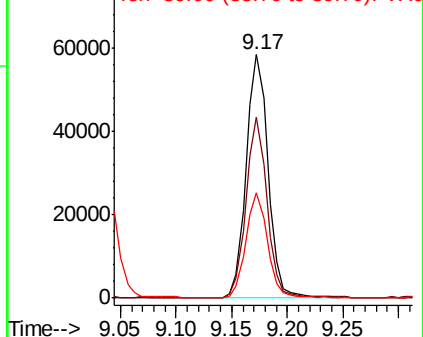


Abundance

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: 50.661 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012313.D

Acq: 11 Sep 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

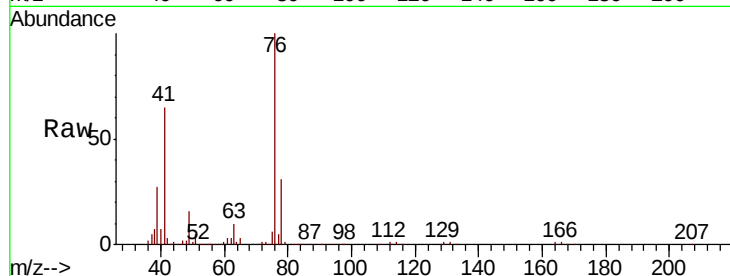
VSTDCCC050EC

Tgt Ion: 76 Resp: 100183

Ion Ratio Lower Upper

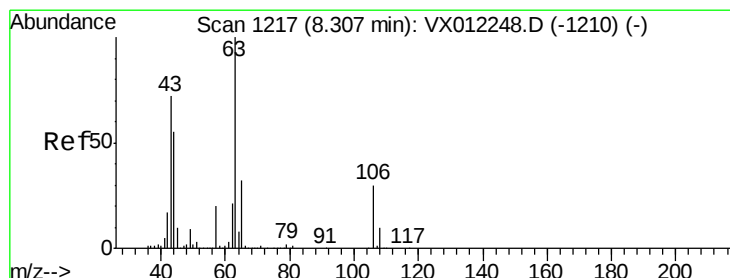
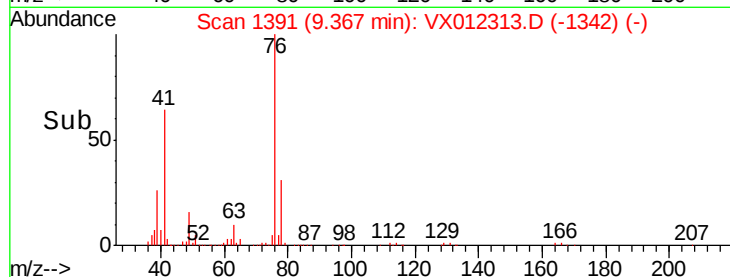
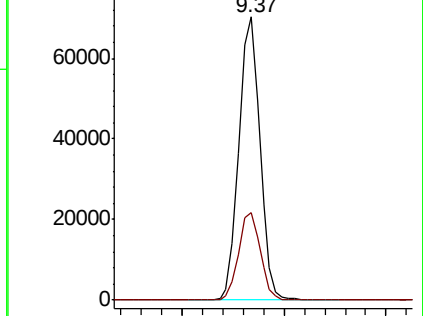
76 100

78 31.9 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 261.728 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012313.D

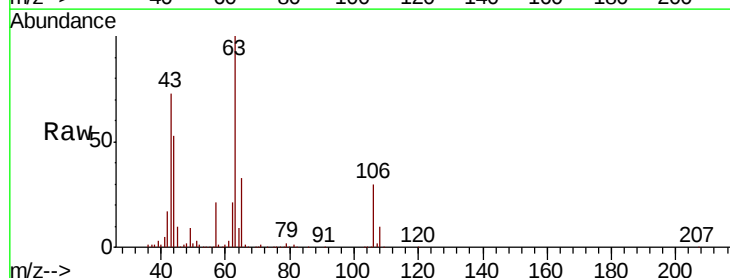
Acq: 11 Sep 2019 20:17

Tgt Ion: 63 Resp: 210296

Ion Ratio Lower Upper

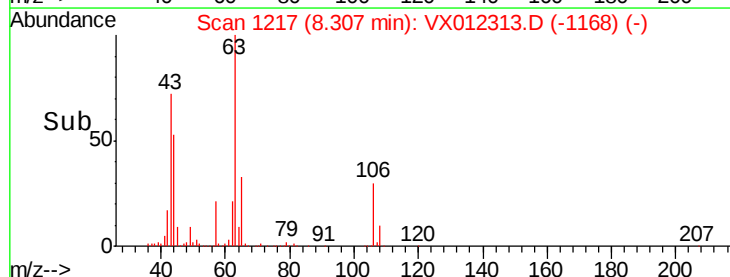
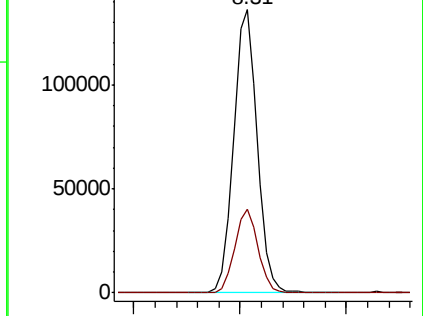
63 100

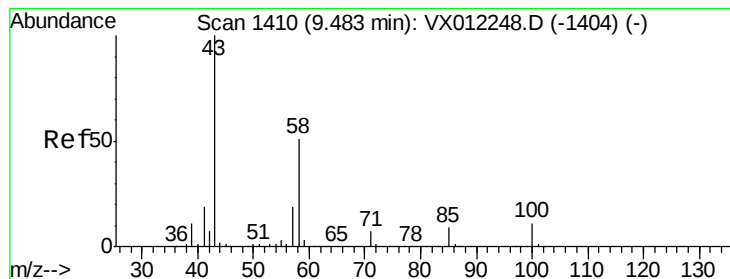
106 29.5 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 258.875 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX012313.D

Acq: 11 Sep 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

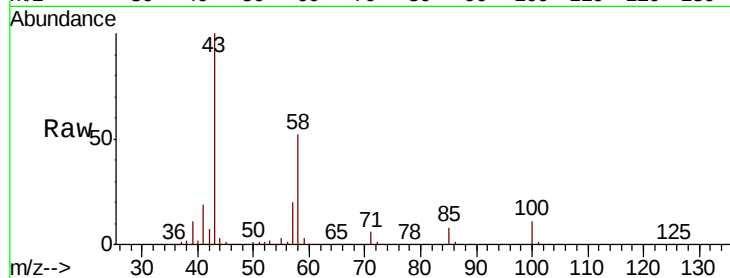
VSTDCCC050EC

Tgt Ion: 43 Resp: 202091

Ion Ratio Lower Upper

43 100

58 52.9 25.8 77.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

150000

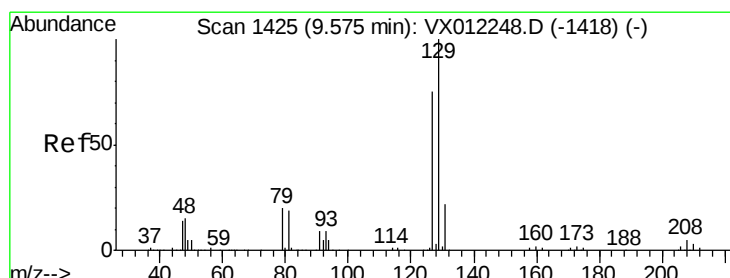
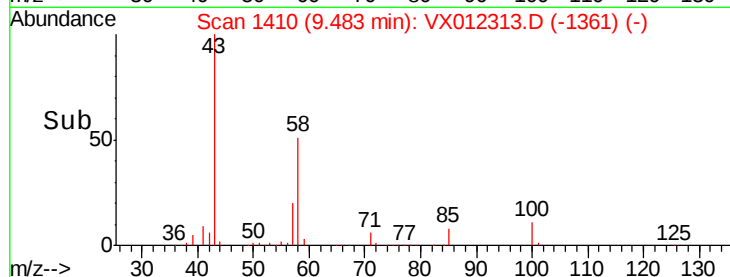
100000

50000

0

9.40 9.50 9.60

Time-->



#60

Dibromochloromethane

Concen: 49.972 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX012313.D

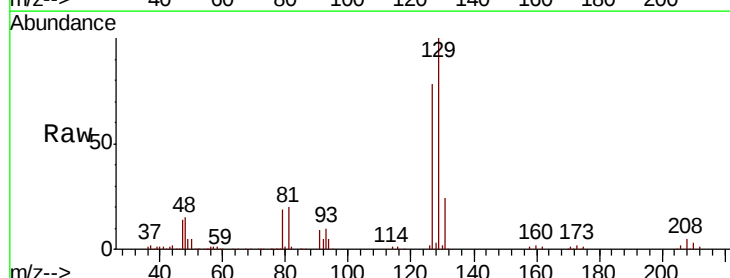
Acq: 11 Sep 2019 20:17

Tgt Ion: 129 Resp: 67547

Ion Ratio Lower Upper

129 100

127 76.9 38.1 114.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

50000

40000

30000

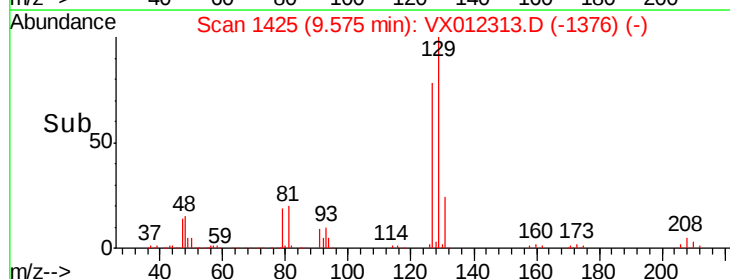
20000

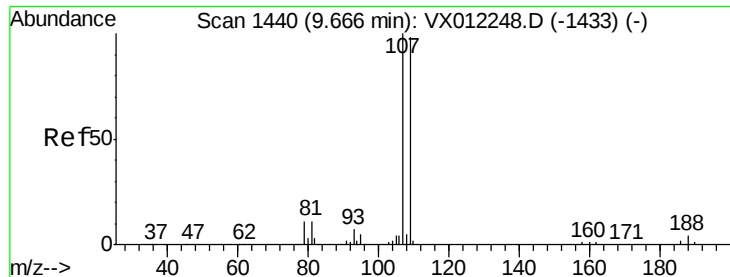
10000

0

9.50 9.55 9.60 9.65

Time-->





#61

1,2-Dibromoethane

Concen: 50.567 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012313.D

Acq: 11 Sep 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

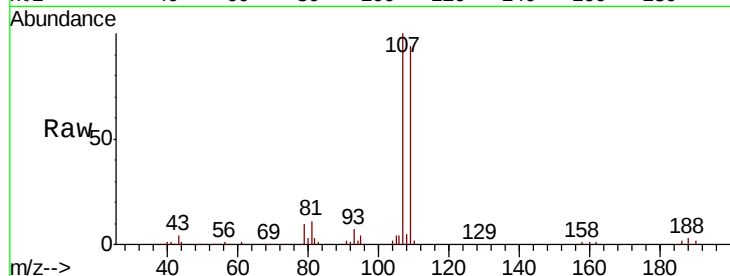
VSTDCCC050EC

Tgt Ion: 107 Resp: 54500

Ion Ratio Lower Upper

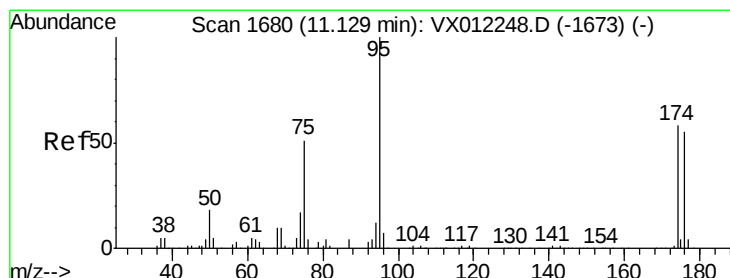
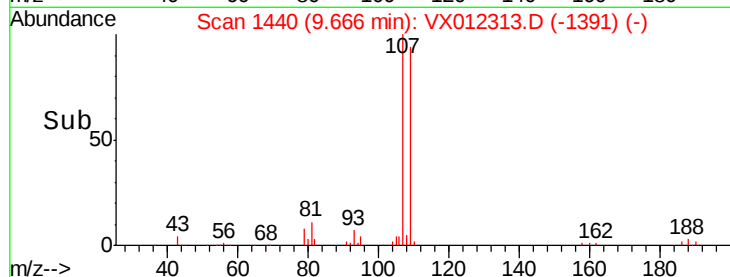
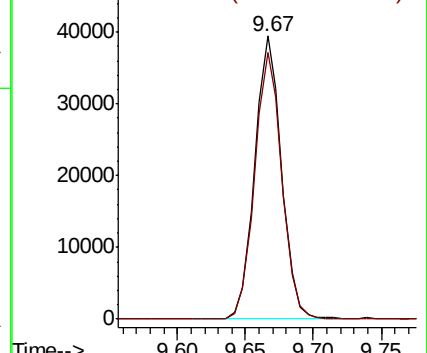
107 100

109 95.5 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.439 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX012313.D

Acq: 11 Sep 2019 20:17

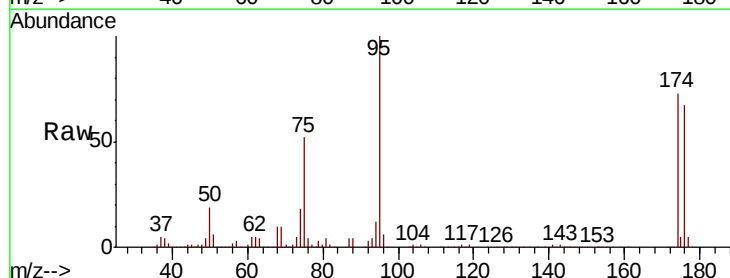
Tgt Ion: 95 Resp: 113024

Ion Ratio Lower Upper

95 100

174 68.2 0.0 127.0

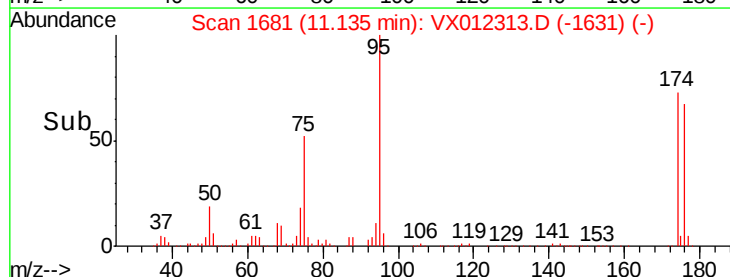
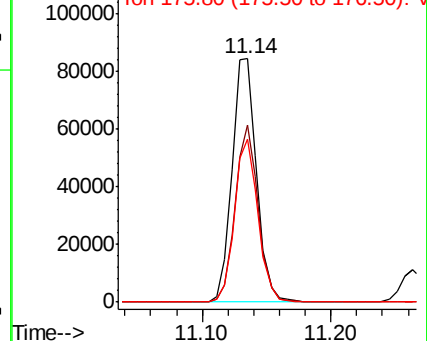
176 63.9 0.0 125.8

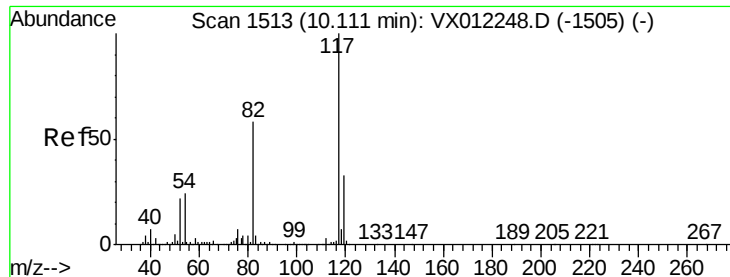


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

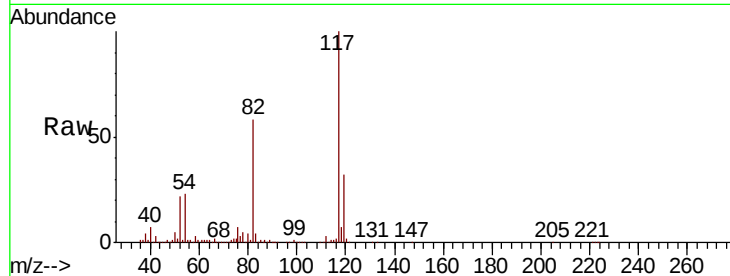




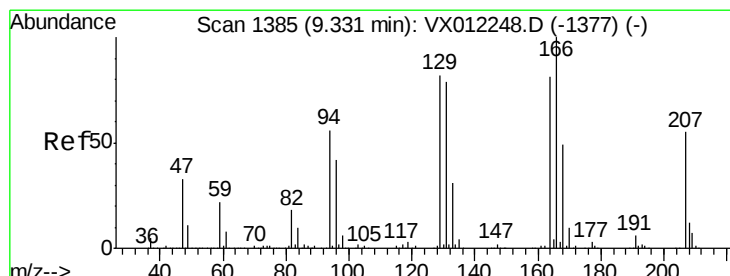
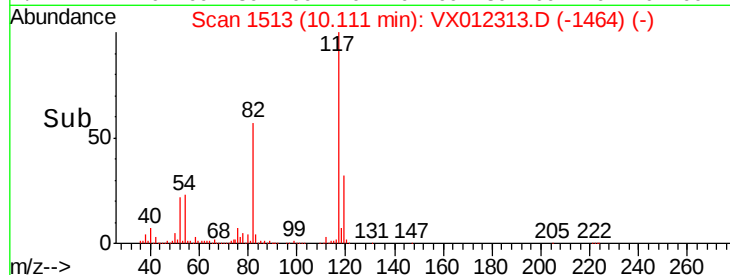
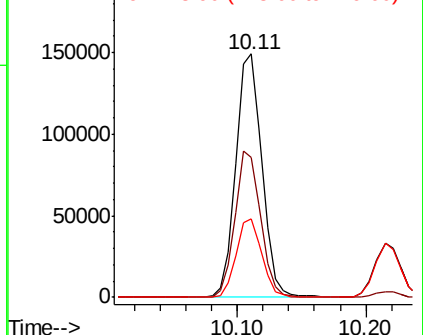
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012313.D
Acq: 11 Sep 2019 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 210528
Ion Ratio Lower Upper
117 100
82 57.6 46.4 69.6
119 32.3 26.6 39.8

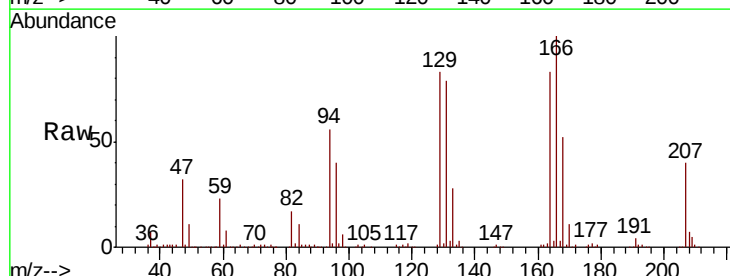


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

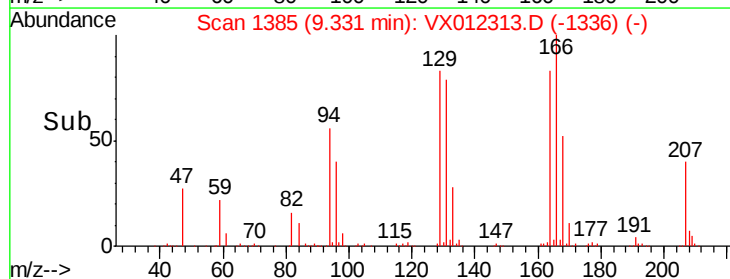
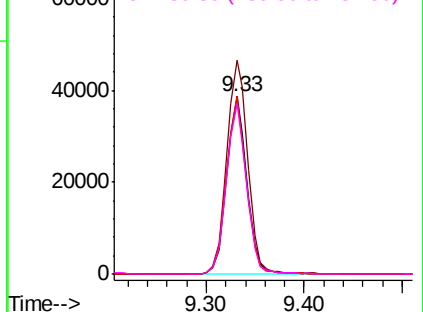


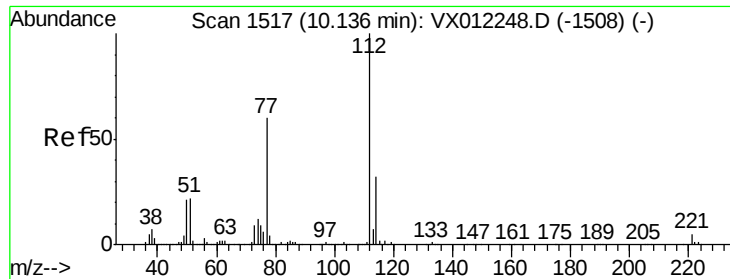
#64
Tetrachloroethene
Concen: 49.457 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012313.D
Acq: 11 Sep 2019 20:17

Tgt Ion:164 Resp: 55066
Ion Ratio Lower Upper
164 100
166 120.2 99.4 149.0
129 100.2 81.8 122.8
131 95.6 78.3 117.5



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: 46.813 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012313.D

Acq: 11 Sep 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

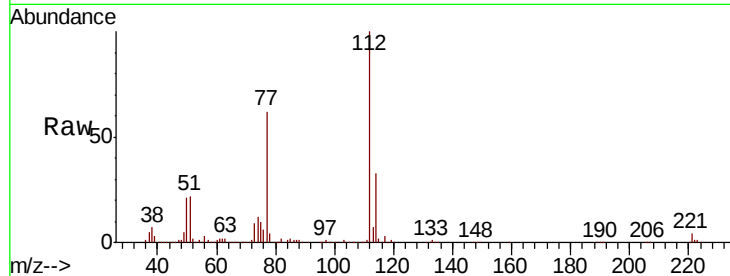
VSTDCCC050EC

Tgt Ion:112 Resp: 180076

Ion Ratio Lower Upper

112 100

114 32.5 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

150000

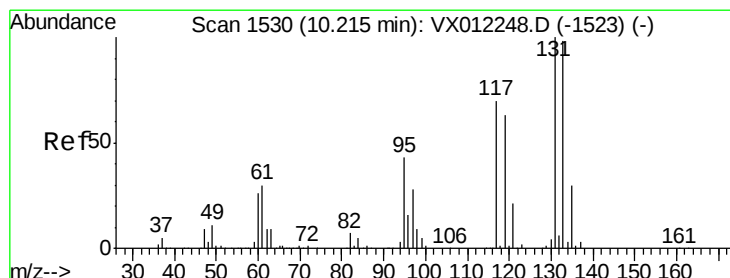
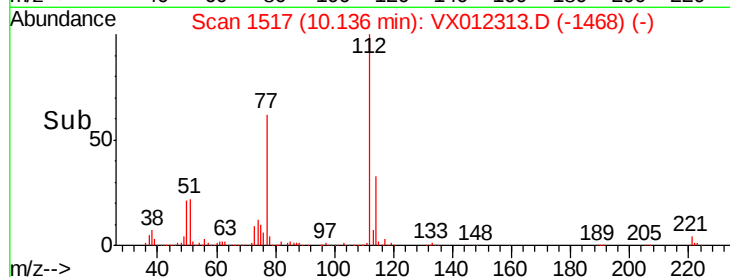
100000

50000

0

Time-->

10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 48.612 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX012313.D

Acq: 11 Sep 2019 20:17

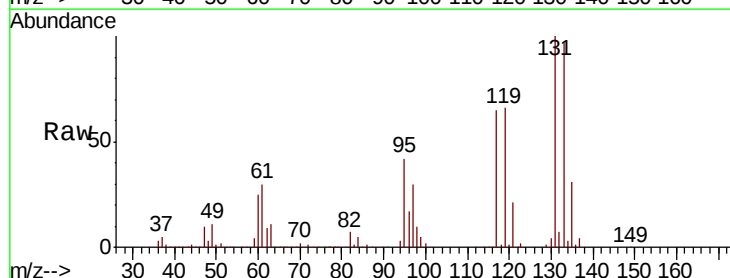
Tgt Ion:131 Resp: 70492

Ion Ratio Lower Upper

131 100

133 95.0 48.0 144.2

119 64.0 31.6 95.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

60000

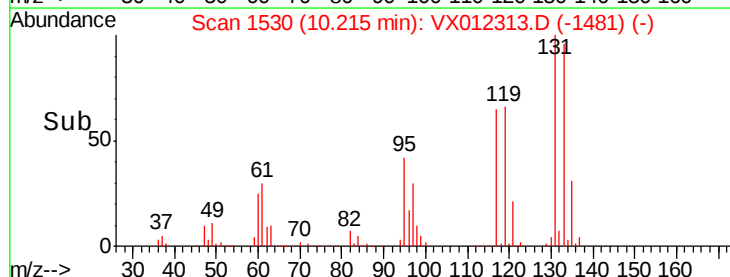
40000

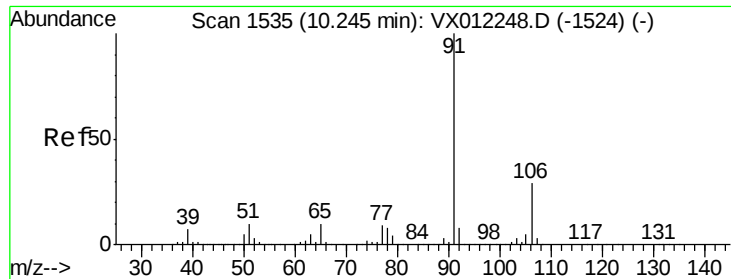
20000

0

Time-->

10.20 10.30

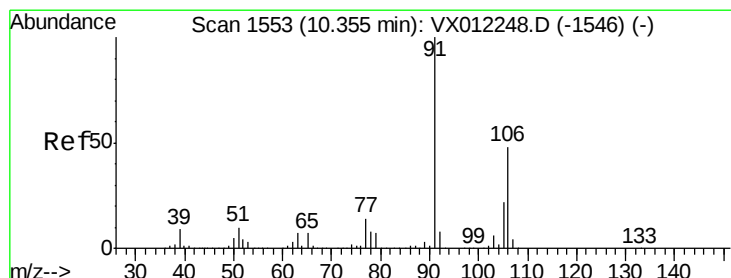
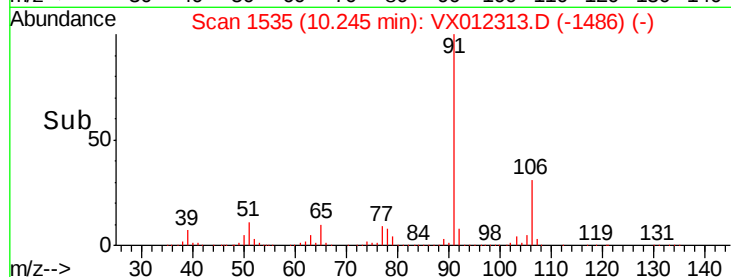
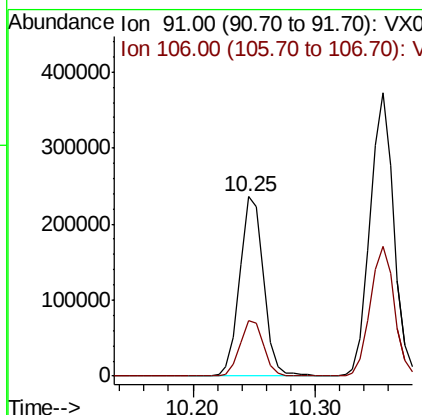
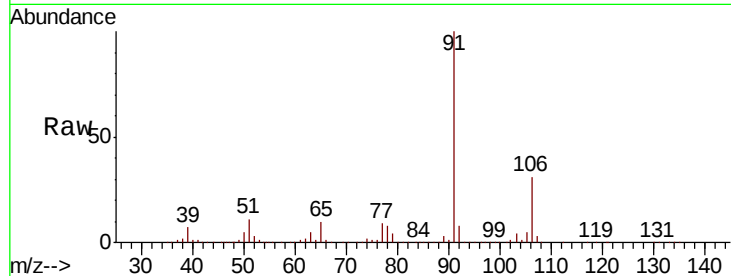




#67
Ethyl Benzene
Concen: 46.547 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012313.D
Acq: 11 Sep 2019 20:17

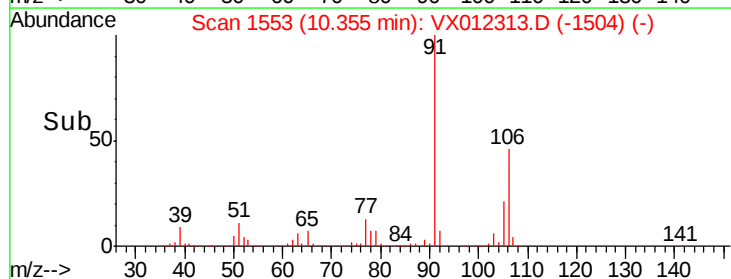
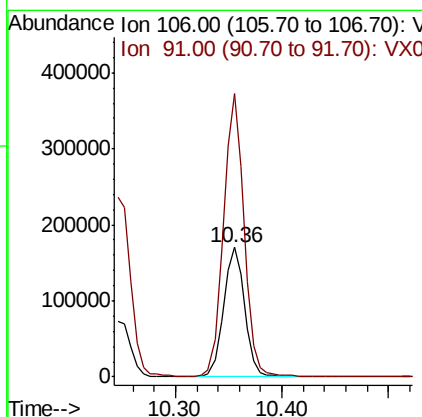
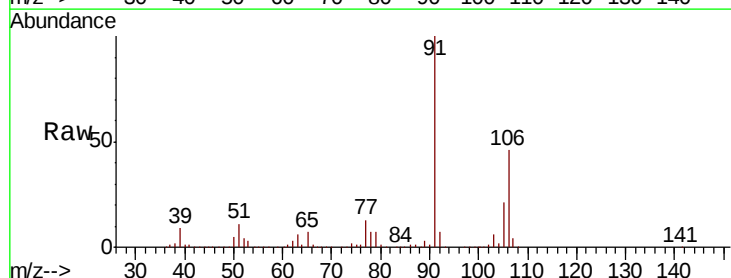
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

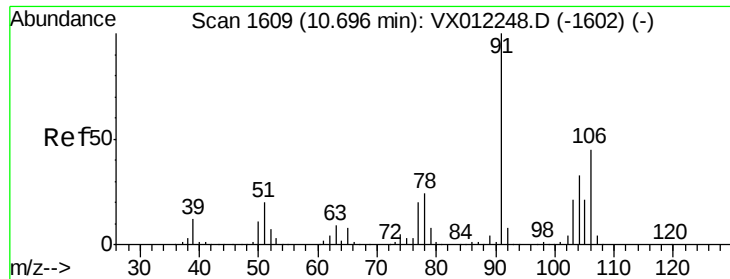
Tgt Ion: 91 Resp: 318456
Ion Ratio Lower Upper
91 100
106 30.9 23.1 34.7



#68
m/p-Xylenes
Concen: 93.570 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012313.D
Acq: 11 Sep 2019 20:17

Tgt Ion: 106 Resp: 235656
Ion Ratio Lower Upper
106 100
91 213.2 167.0 250.6

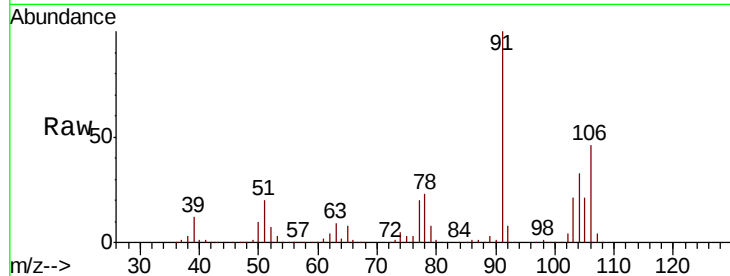




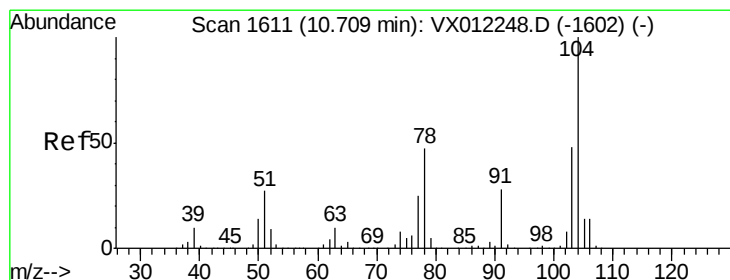
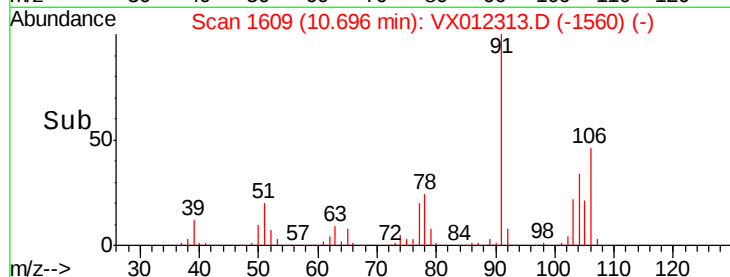
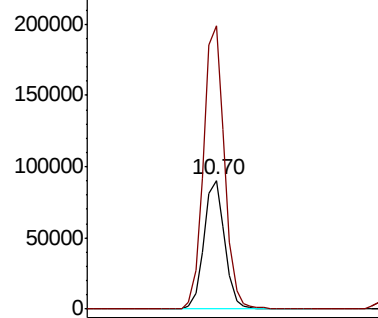
#69
o-Xylene
Concen: 47.218 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012313.D
Acq: 11 Sep 2019 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 116494
Ion Ratio Lower Upper
106 100
91 221.6 110.5 331.4

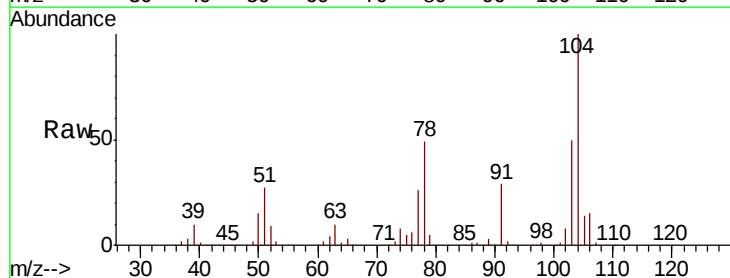


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

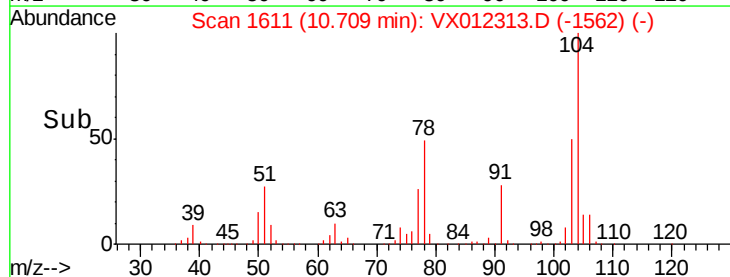
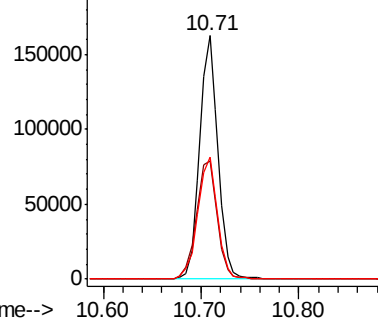


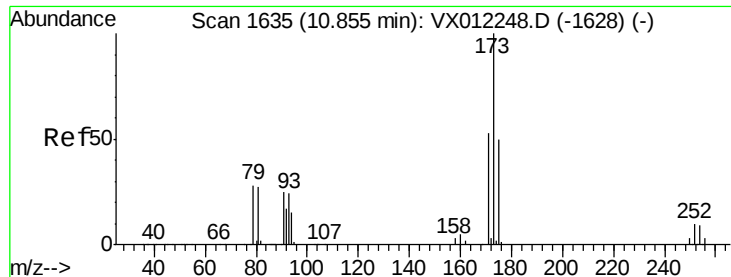
#70
Styrene
Concen: 48.263 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012313.D
Acq: 11 Sep 2019 20:17

Tgt Ion:104 Resp: 211177
Ion Ratio Lower Upper
104 100
78 55.4 44.2 66.2
103 54.2 42.5 63.7



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: 49.847 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012313.D

Acq: 11 Sep 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

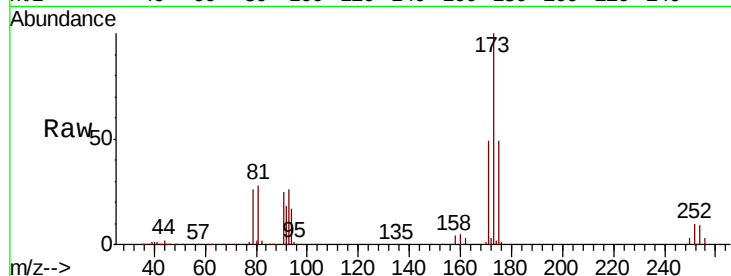
Tgt Ion:173 Resp: 37482

Ion Ratio Lower Upper

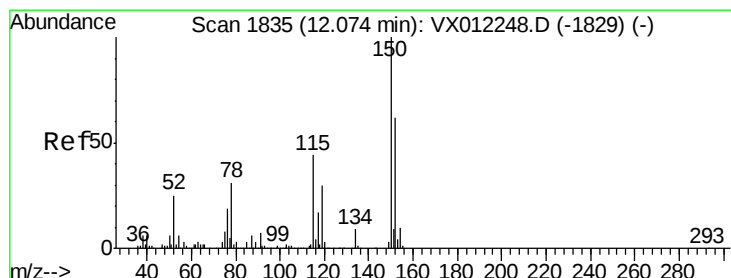
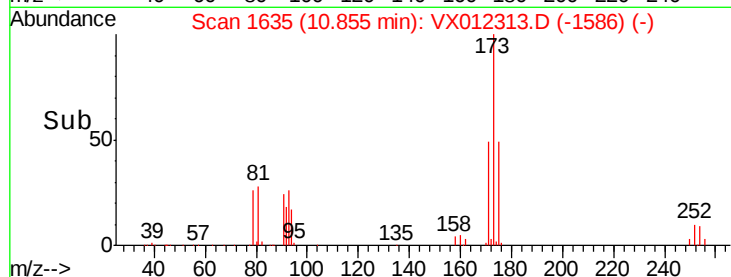
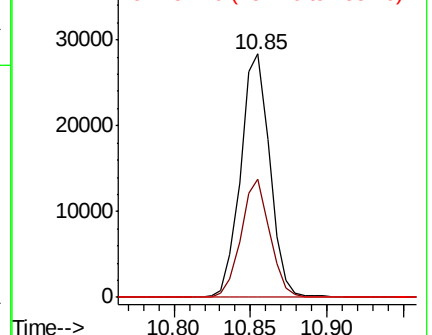
173 100

175 47.9 24.5 73.5

254 0.1 0.2 0.4#



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: VX012313.D

Acq: 11 Sep 2019 20:17

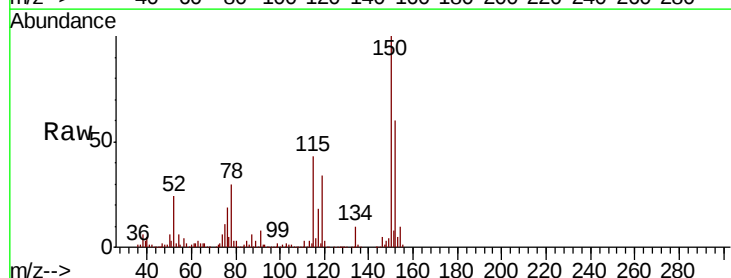
Tgt Ion:152 Resp: 106805

Ion Ratio Lower Upper

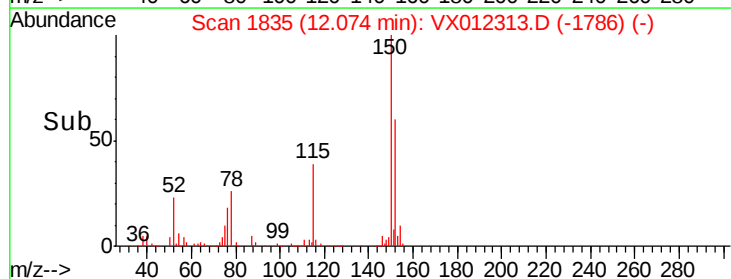
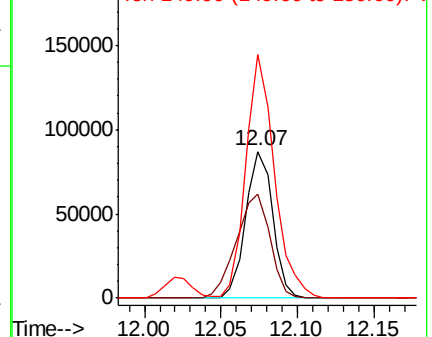
152 100

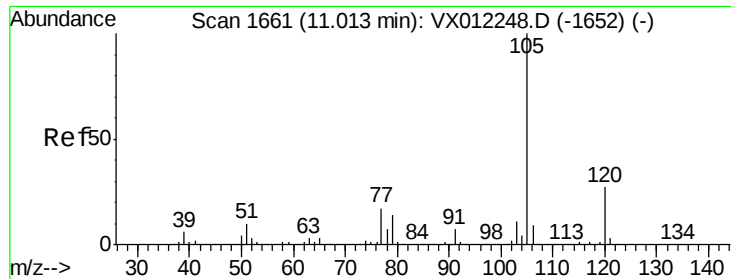
115 87.9 45.5 136.4

150 175.5 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.271 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012313.D

Acq: 11 Sep 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

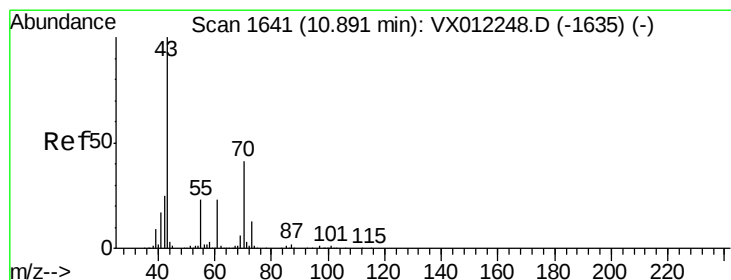
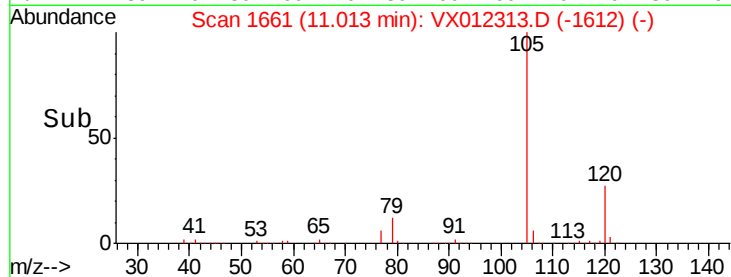
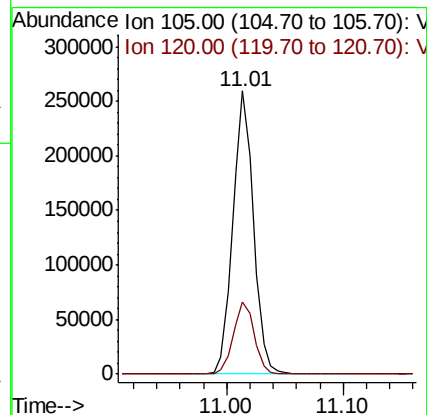
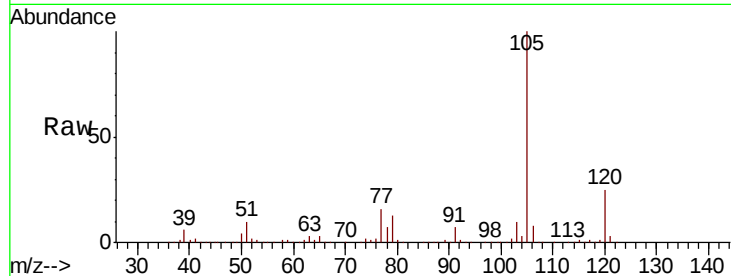
VSTDCCC050EC

Tgt Ion:105 Resp: 318315

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.5



#74

N-ethyl acetate

Concen: 48.858 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012313.D

Acq: 11 Sep 2019 20:17

Tgt Ion: 43 Resp: 102144

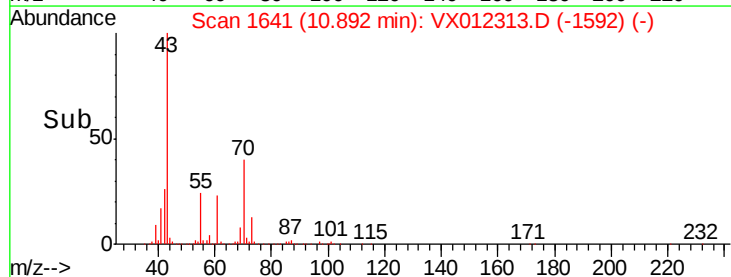
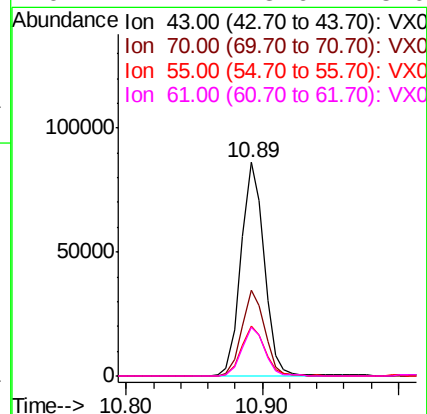
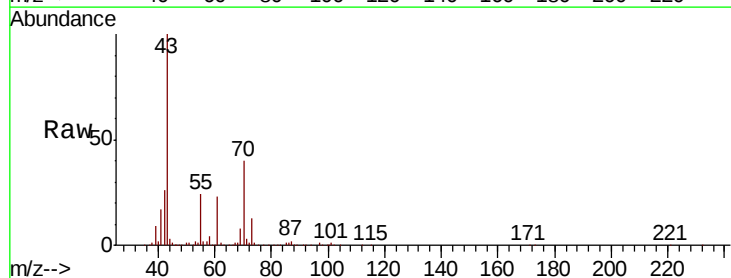
Ion Ratio Lower Upper

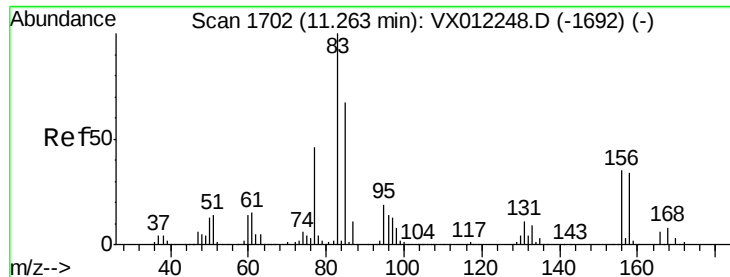
43 100

70 39.9 32.9 49.3

55 23.5 19.1 28.7

61 22.7 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.599 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012313.D

Acq: 11 Sep 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

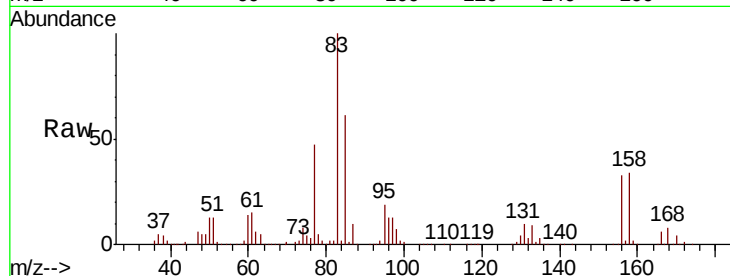
Tgt Ion: 83 Resp: 76409

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.4

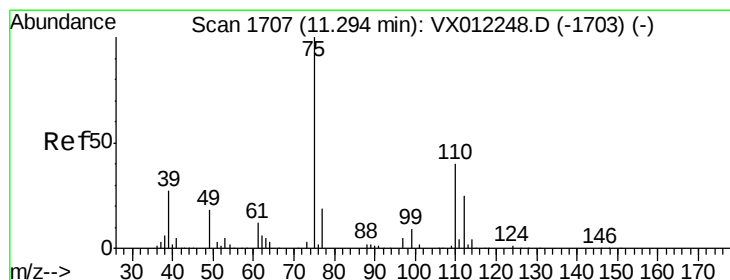
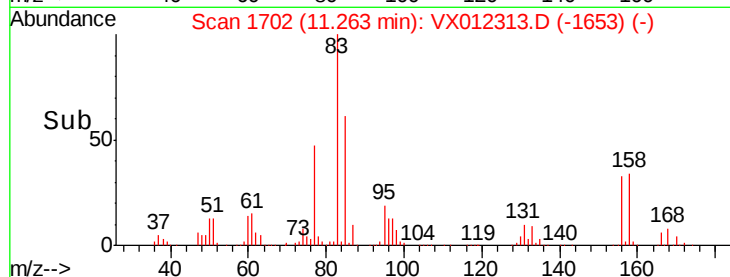
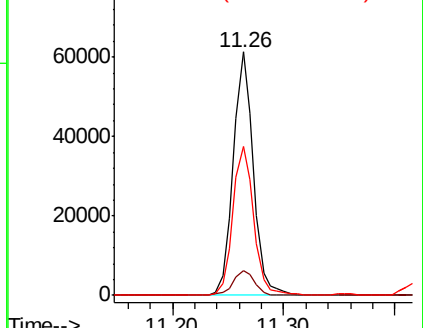
85 63.7 32.8 98.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 58.917 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012313.D

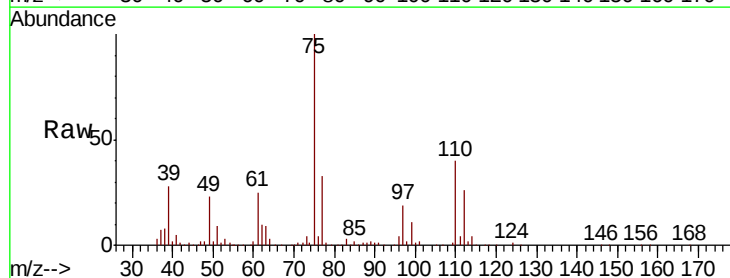
Acq: 11 Sep 2019 20:17

Tgt Ion: 75 Resp: 80838

Ion Ratio Lower Upper

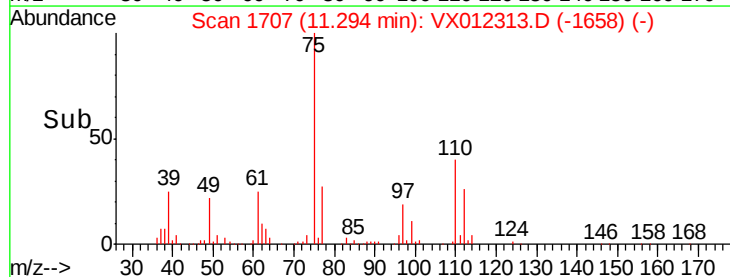
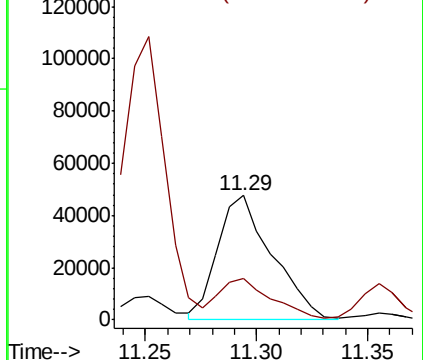
75 100

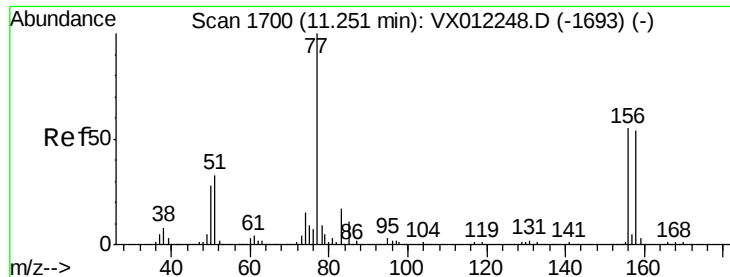
77 32.0 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.819 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012313.D

Acq: 11 Sep 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

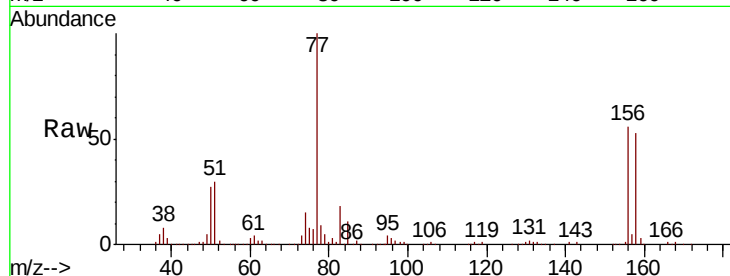
Tgt Ion:156 Resp: 79030

Ion Ratio Lower Upper

156 100

77 181.3 92.2 276.6

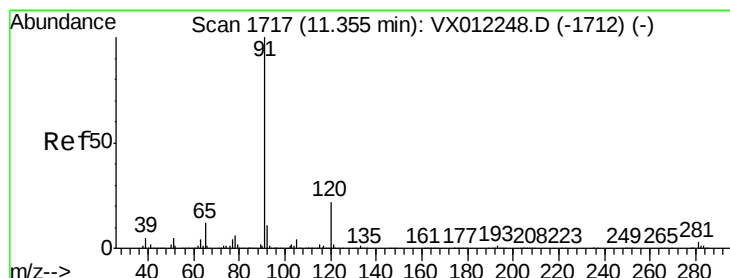
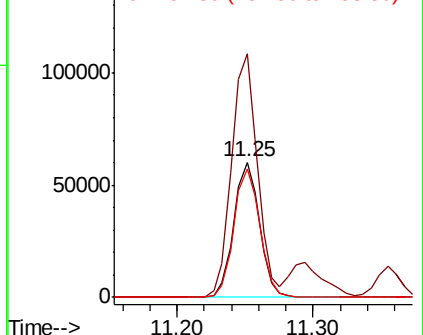
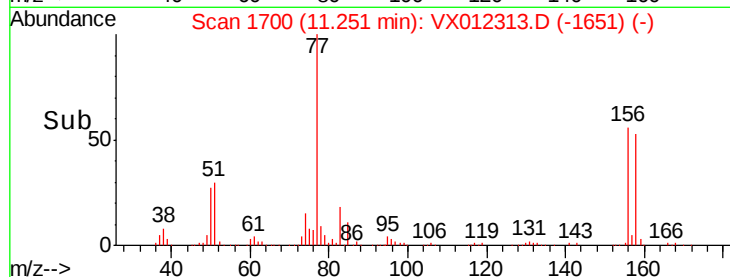
158 96.7 48.8 146.3



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: 45.777 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012313.D

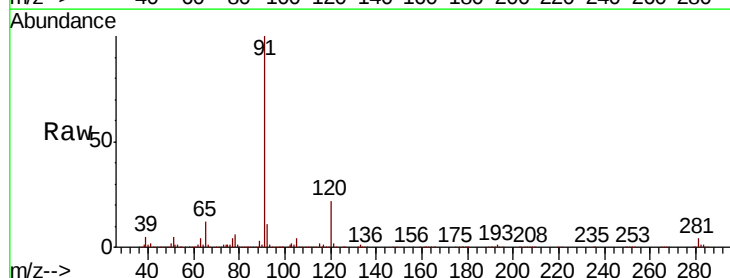
Acq: 11 Sep 2019 20:17

Tgt Ion: 91 Resp: 388690

Ion Ratio Lower Upper

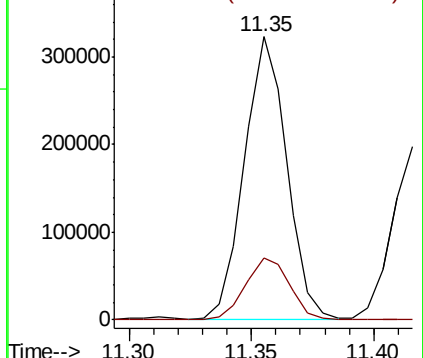
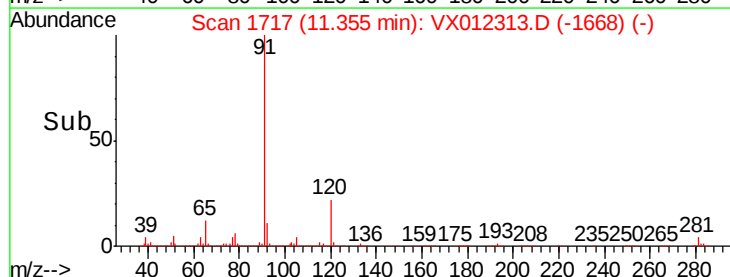
91 100

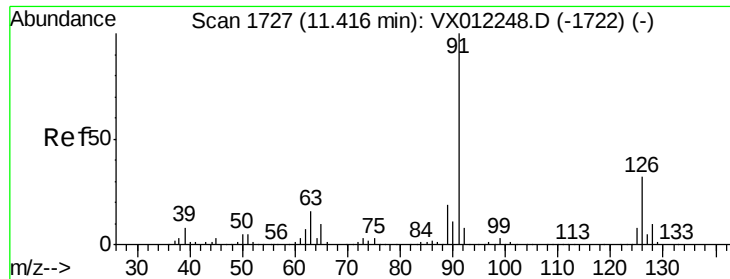
120 22.8 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

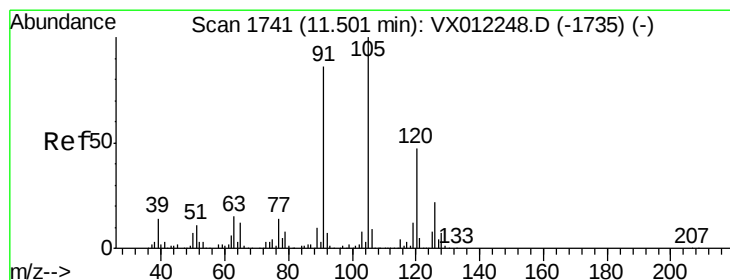
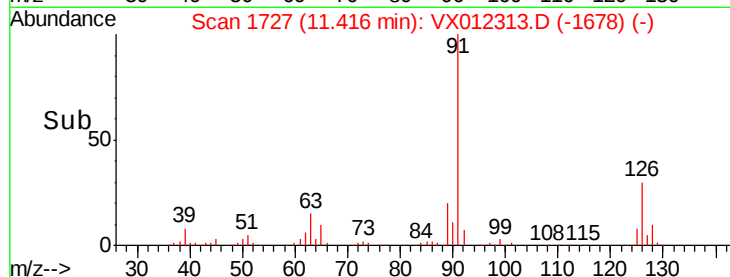
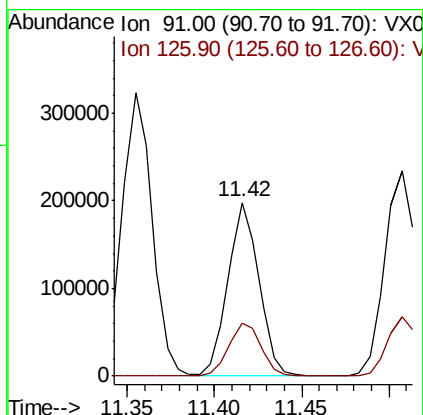
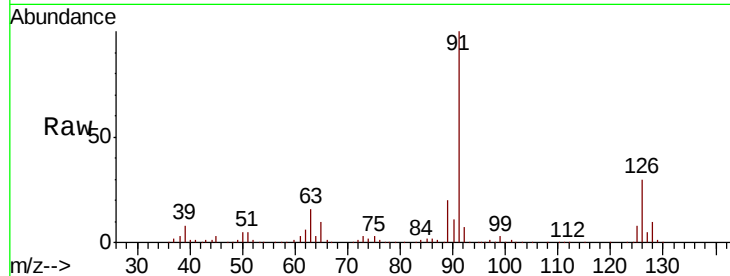




#79
 2-Chlorotoluene
 Concen: 46.412 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012313.D
 Acq: 11 Sep 2019 20:17

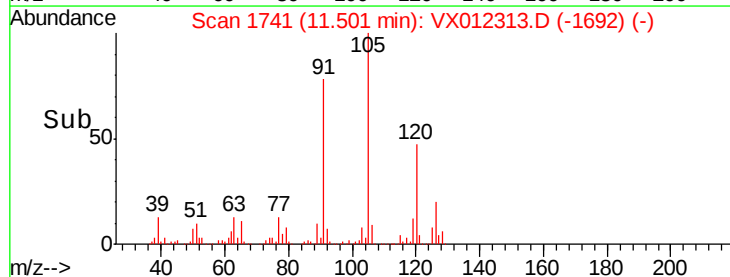
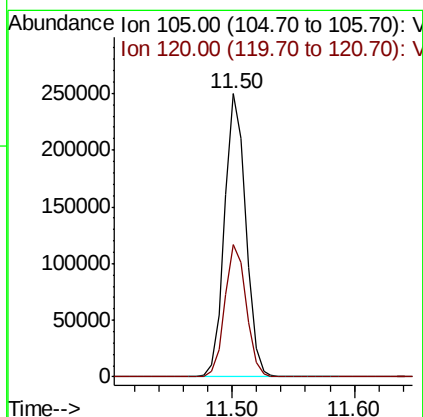
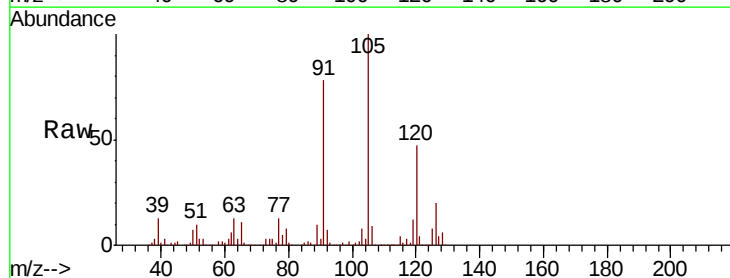
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

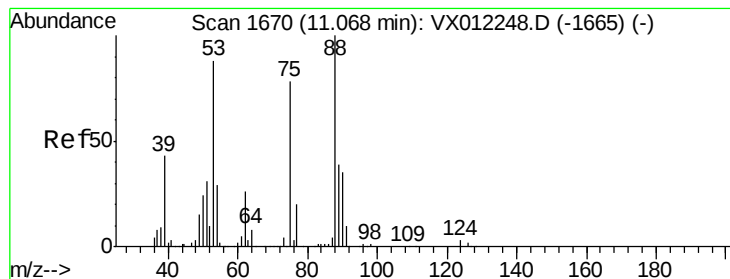
Tgt Ion: 91 Resp: 244156
 Ion Ratio Lower Upper
 91 100
 126 32.2 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 47.156 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012313.D
 Acq: 11 Sep 2019 20:17

Tgt Ion: 105 Resp: 298175
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 44.382 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012313.D

Acq: 11 Sep 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

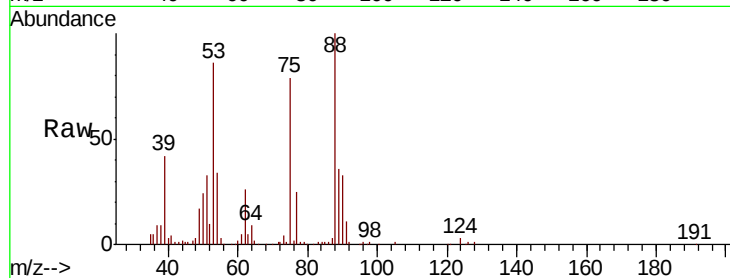
Tgt Ion: 75 Resp: 20324

Ion Ratio Lower Upper

75 100

53 111.1 88.1 132.1

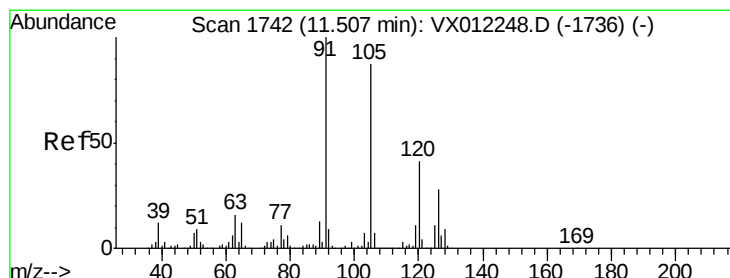
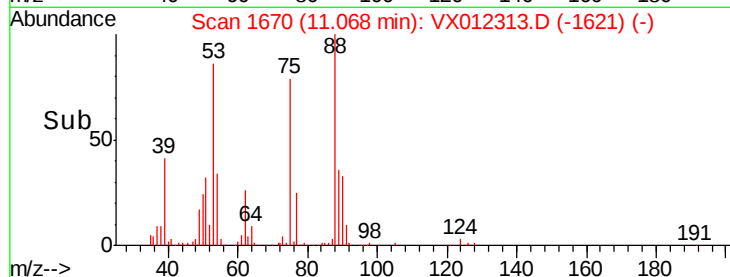
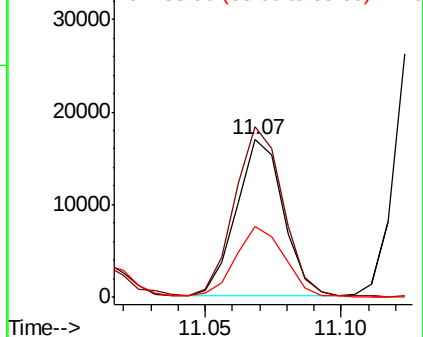
89 47.7 43.5 65.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 46.843 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012313.D

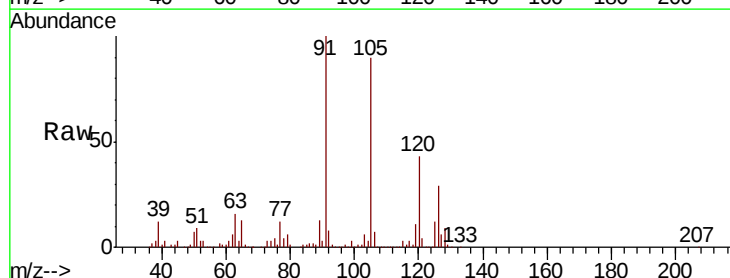
Acq: 11 Sep 2019 20:17

Tgt Ion: 91 Resp: 296143

Ion Ratio Lower Upper

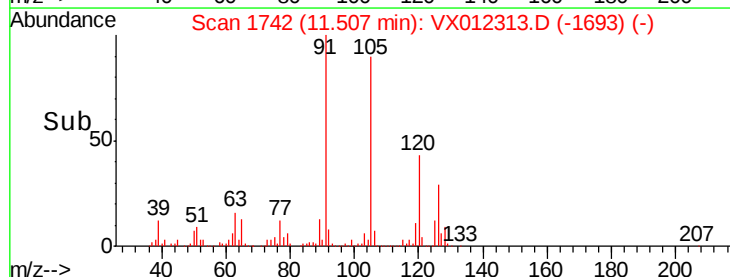
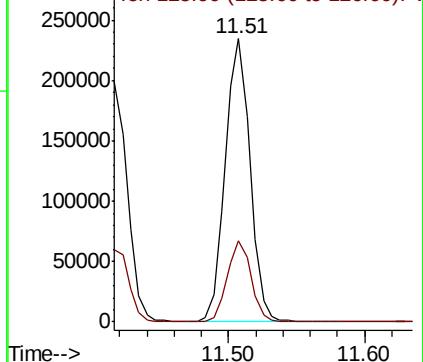
91 100

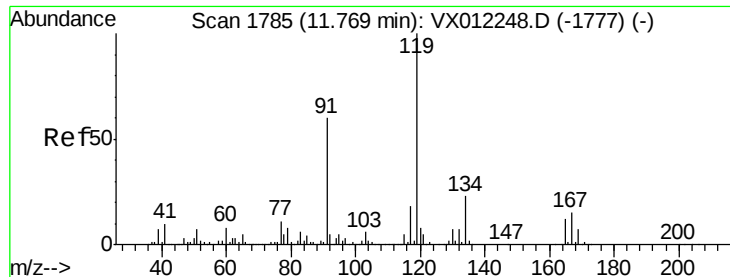
126 27.8 14.0 42.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

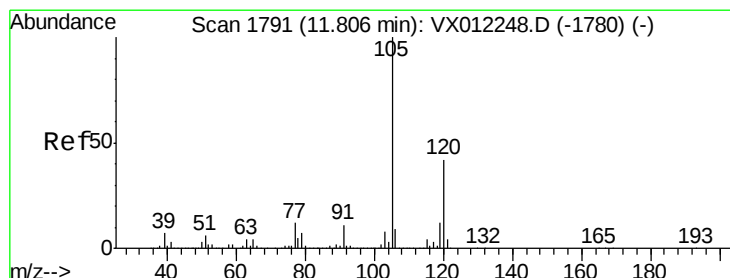
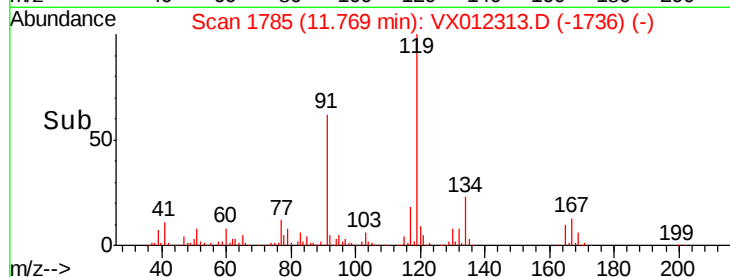
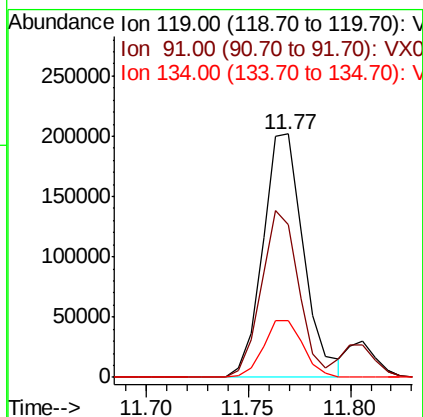
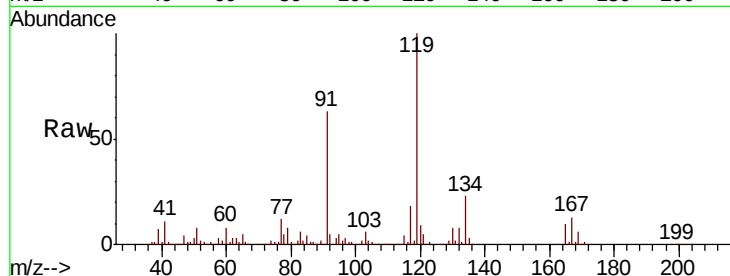




#83
 tert-Butylbenzene
 Concen: 45.871 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: VX012313.D
 Acq: 11 Sep 2019 20:17

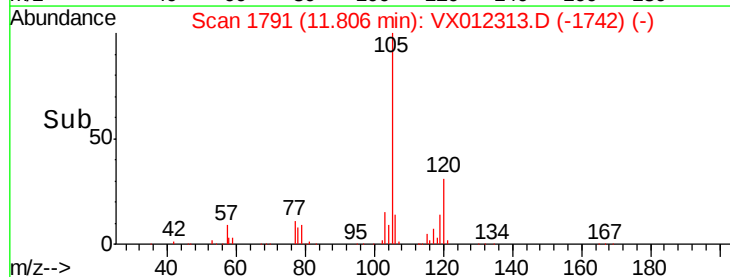
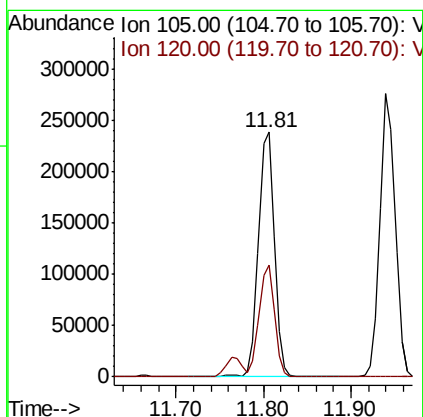
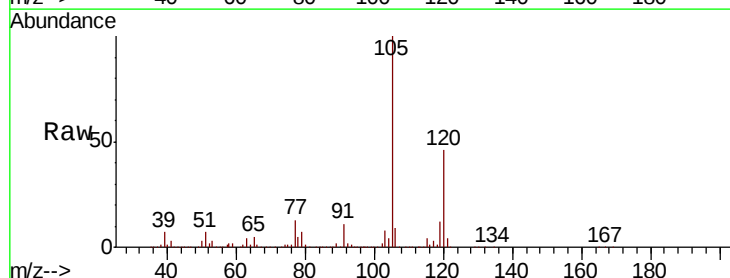
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

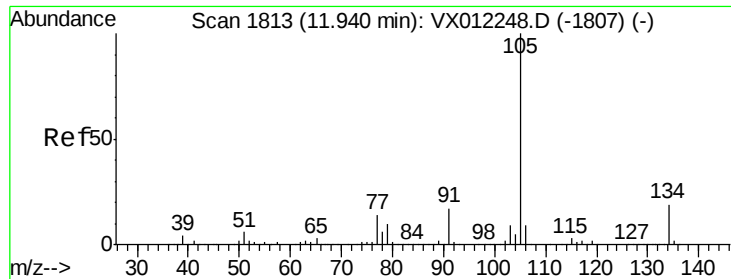
Tgt Ion:119 Resp: 281642
 Ion Ratio Lower Upper
 119 100
 91 62.5 30.9 92.8
 134 22.7 11.2 33.6



#84
 1,2,4-Trimethylbenzene
 Concen: 46.278 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012313.D
 Acq: 11 Sep 2019 20:17

Tgt Ion:105 Resp: 302499
 Ion Ratio Lower Upper
 105 100
 120 44.2 21.3 63.9





#85

sec-Butylbenzene

Concen: 45.674 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012313.D

Acq: 11 Sep 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

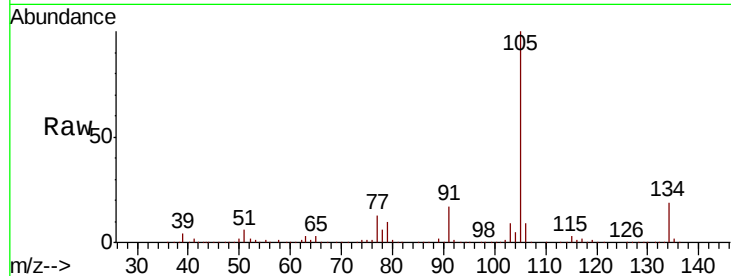
VSTDCCC050EC

Tgt Ion:105 Resp: 334608

Ion Ratio Lower Upper

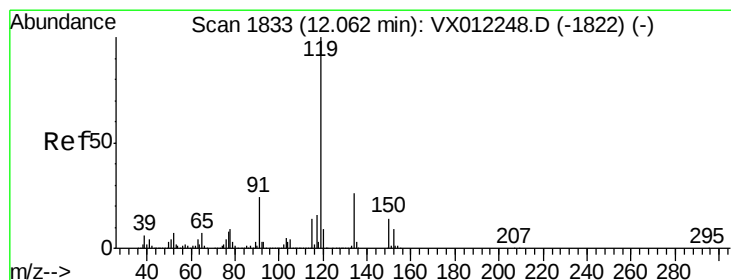
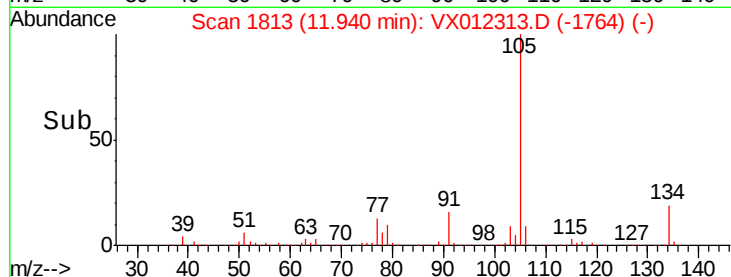
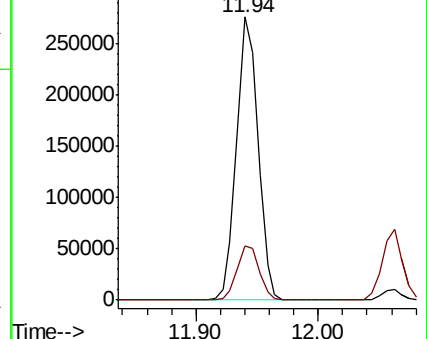
105 100

134 19.8 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.133 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012313.D

Acq: 11 Sep 2019 20:17

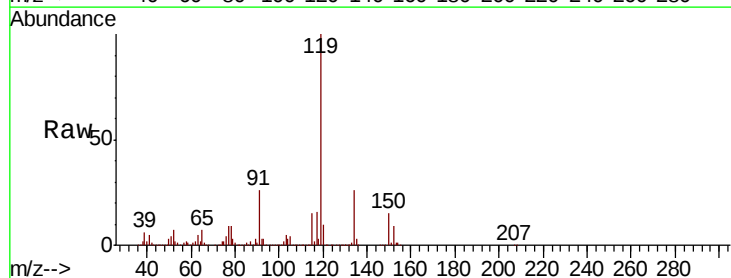
Tgt Ion:119 Resp: 312273

Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

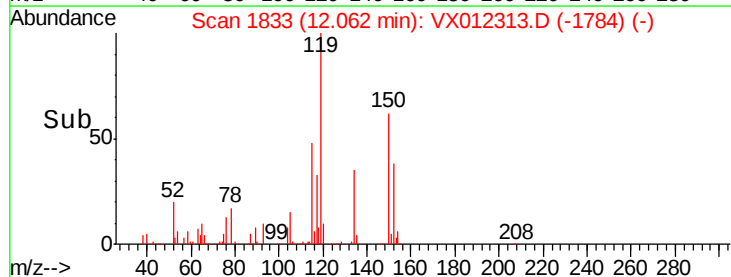
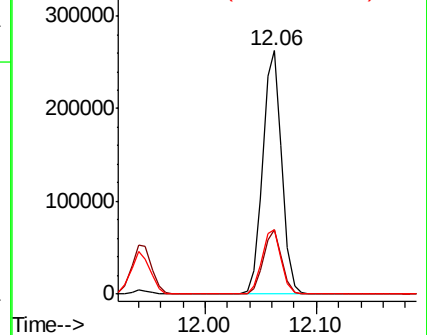
91 26.8 13.1 39.1

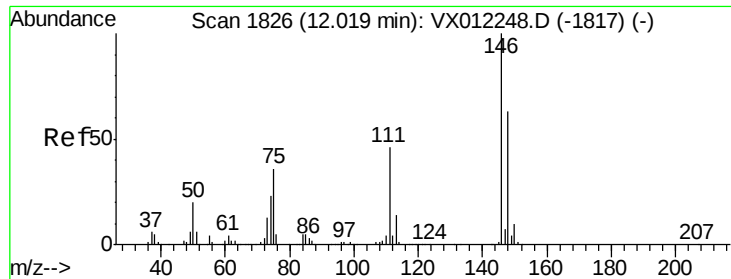


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

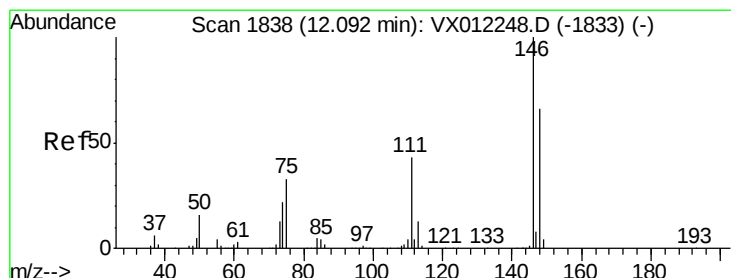
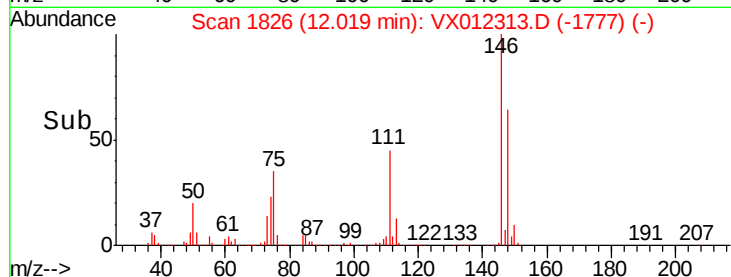
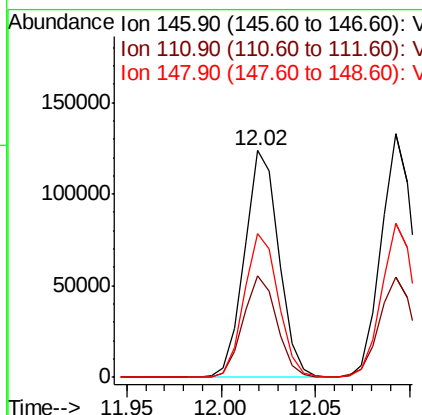
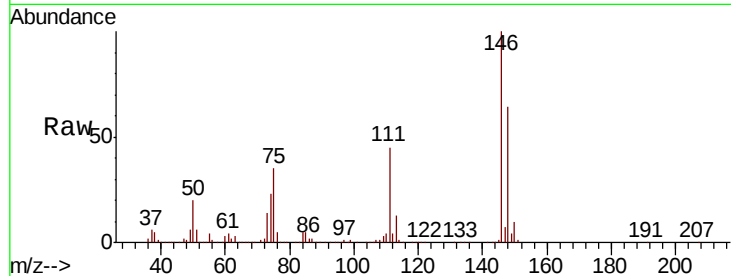




#87
 1,3-Dichlorobenzene
 Concen: 47.502 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012313.D
 Acq: 11 Sep 2019 20:17

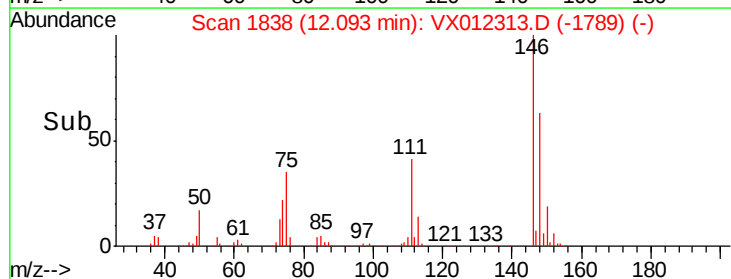
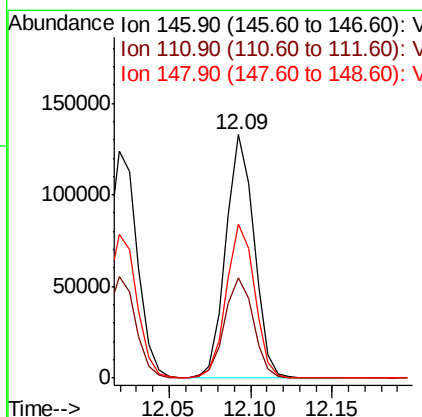
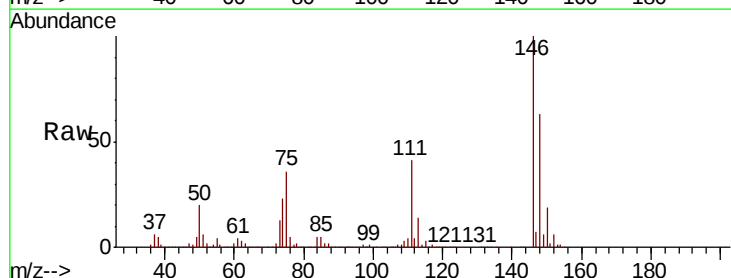
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

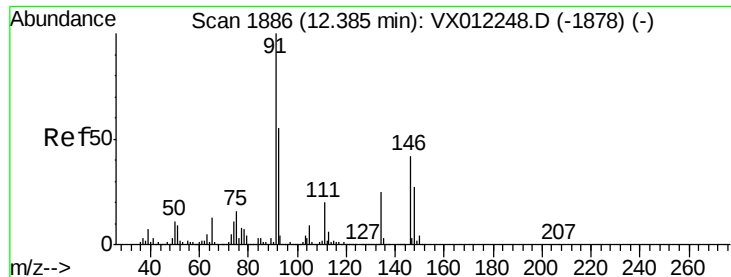
Tgt Ion:146 Resp: 156648
 Ion Ratio Lower Upper
 146 100
 111 43.9 22.3 66.8
 148 63.2 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 47.877 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012313.D
 Acq: 11 Sep 2019 20:17

Tgt Ion:146 Resp: 159650
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.6 64.8
 148 63.7 32.4 97.2

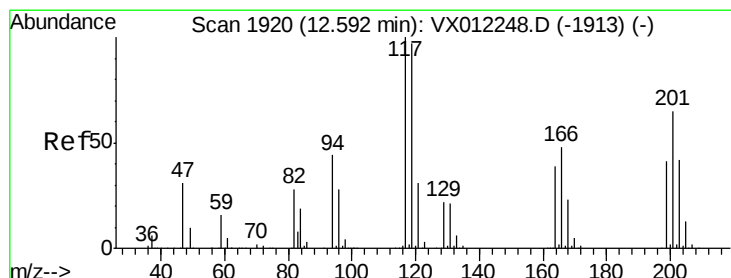
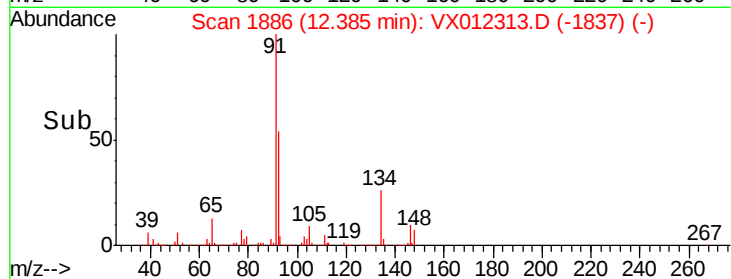
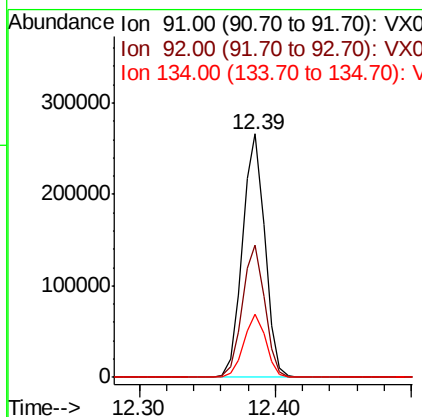
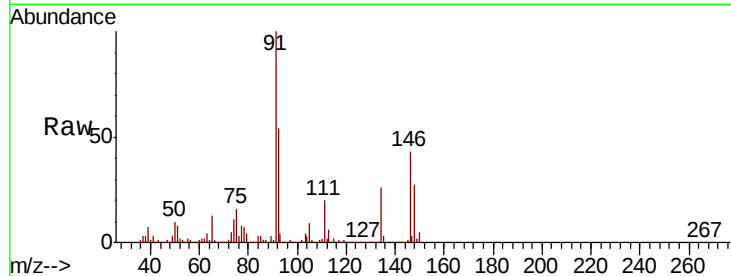




#89
n-Butylbenzene
Concen: 46.022 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012313.D
Acq: 11 Sep 2019 20:17

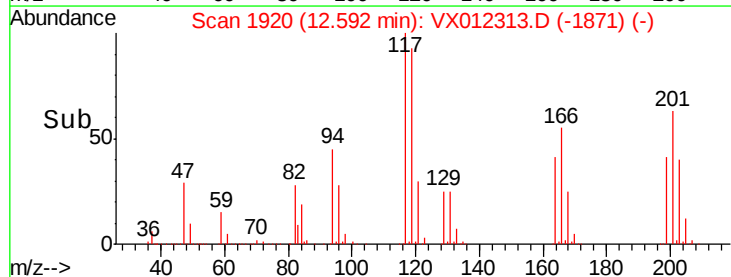
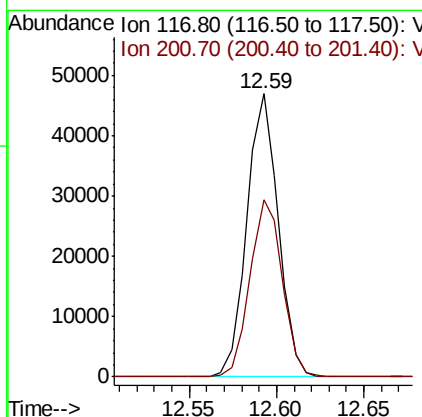
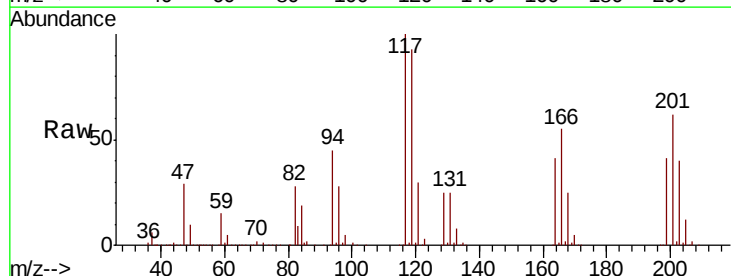
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

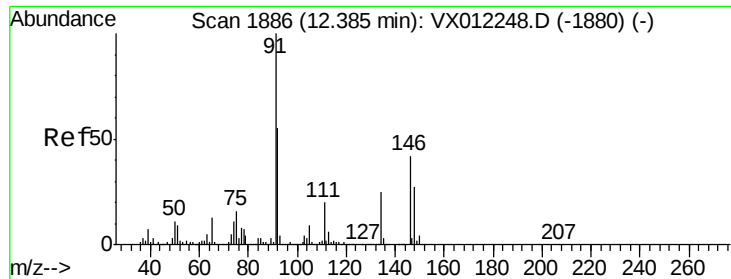
Tgt Ion: 91 Resp: 305333
Ion Ratio Lower Upper
91 100
92 54.4 27.6 82.7
134 25.6 12.5 37.5



#90
Hexachloroethane
Concen: 46.943 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012313.D
Acq: 11 Sep 2019 20:17

Tgt Ion: 117 Resp: 58529
Ion Ratio Lower Upper
117 100
201 64.2 32.2 96.6





#91

1,2-Dichlorobenzene

Concen: 48.685 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012313.D

Acq: 11 Sep 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

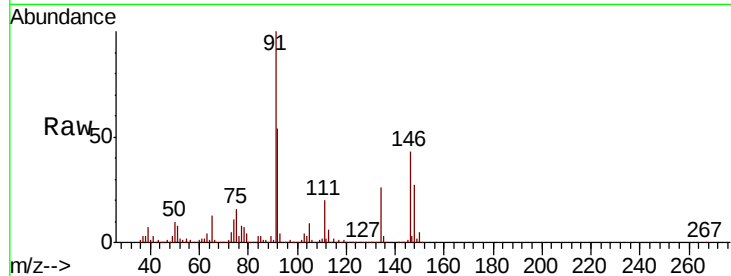
Tgt Ion:146 Resp: 148513

Ion Ratio Lower Upper

146 100

111 45.1 23.2 69.6

148 62.7 32.4 97.0

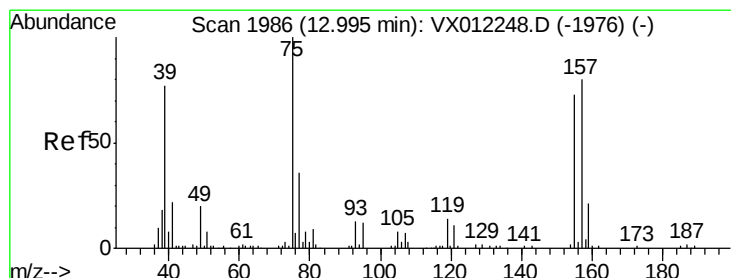
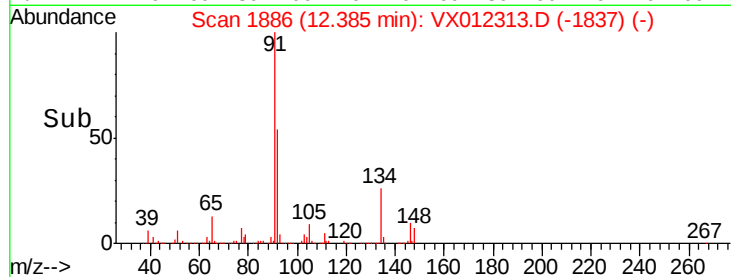
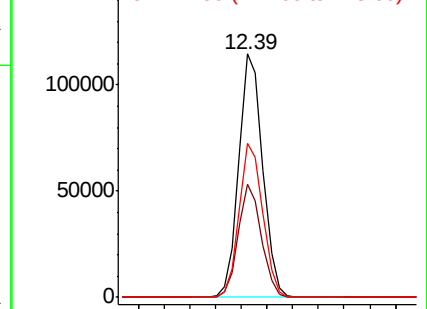


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.816 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012313.D

Acq: 11 Sep 2019 20:17

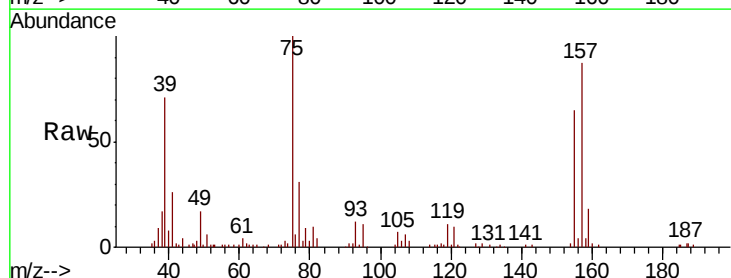
Tgt Ion: 75 Resp: 15663

Ion Ratio Lower Upper

75 100

155 69.7 35.3 105.7

157 89.5 43.2 129.6

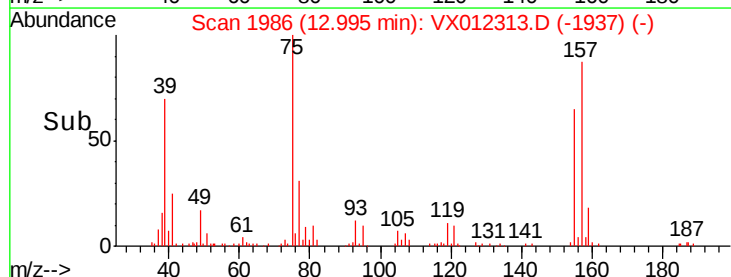
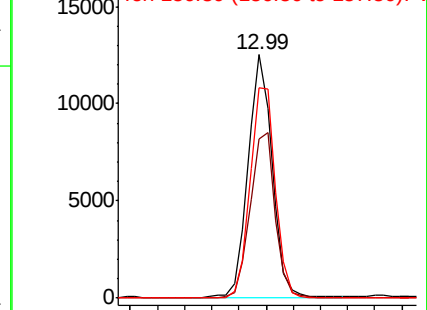


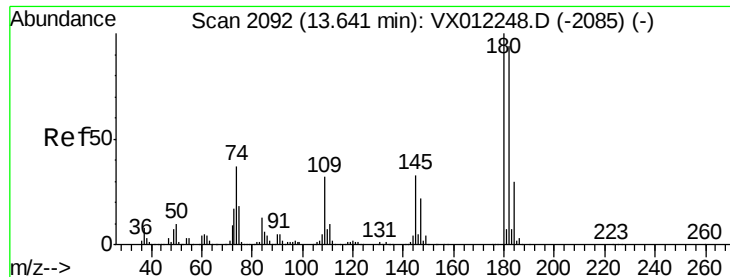
Abundance

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

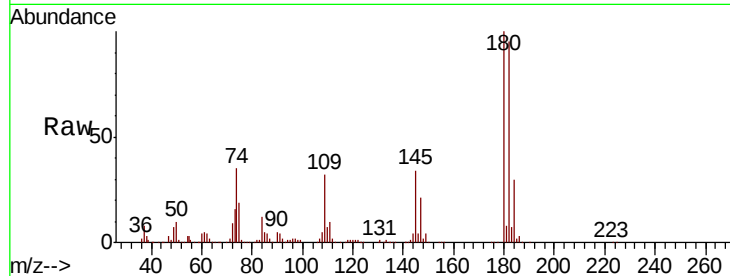




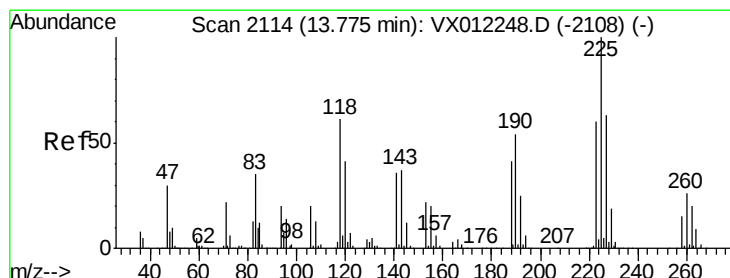
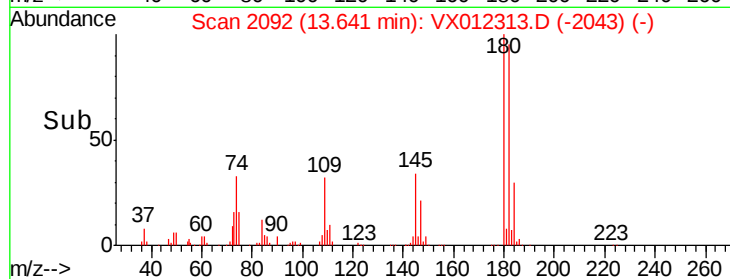
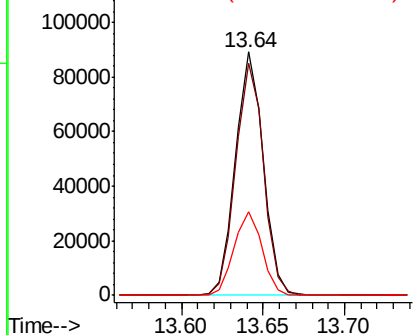
#93
 1,2,4-Trichlorobenzene
 Concen: 50.148 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012313.D
 Acq: 11 Sep 2019 20:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	46.9	140.8
145	34.5	17.1	51.2

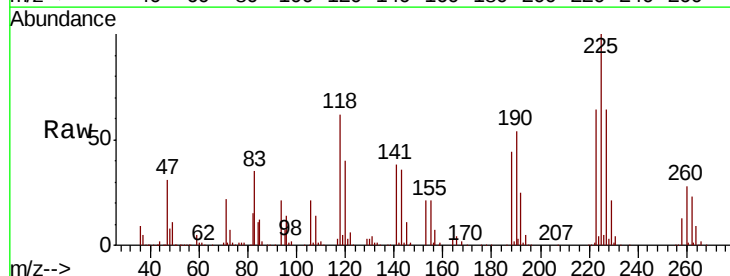


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

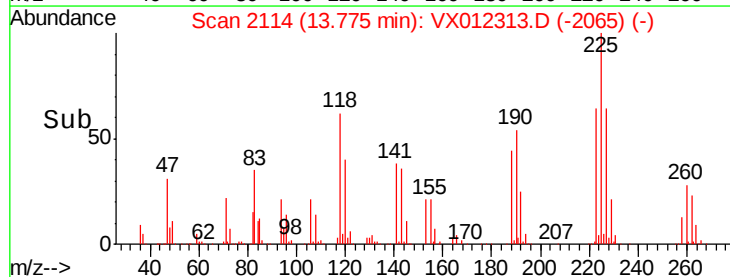
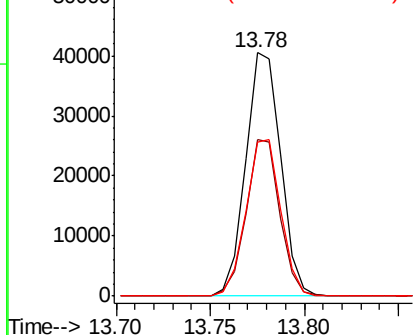


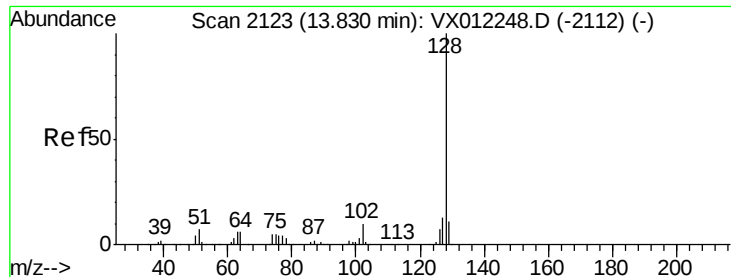
#94
 Hexachlorobutadiene
 Concen: 49.807 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX012313.D
 Acq: 11 Sep 2019 20:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	32.1	96.5
227	63.8	32.5	97.5



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

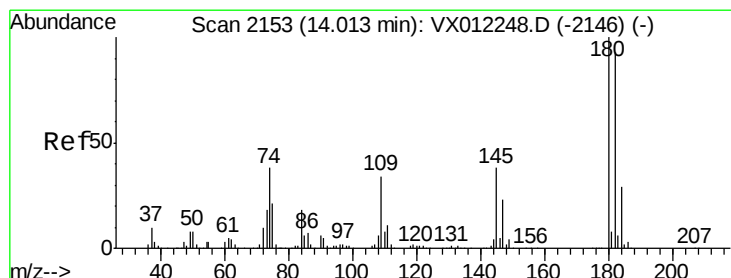
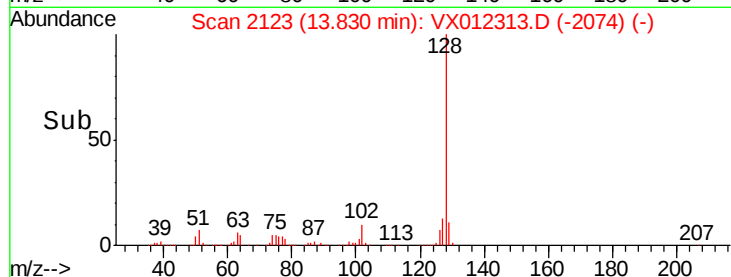
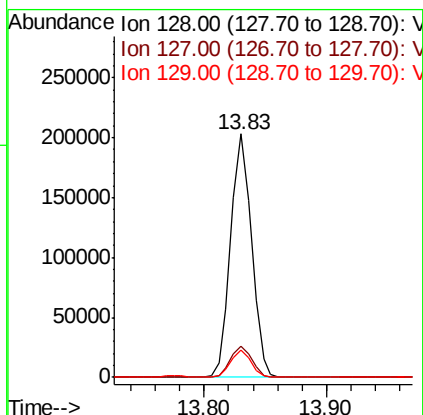
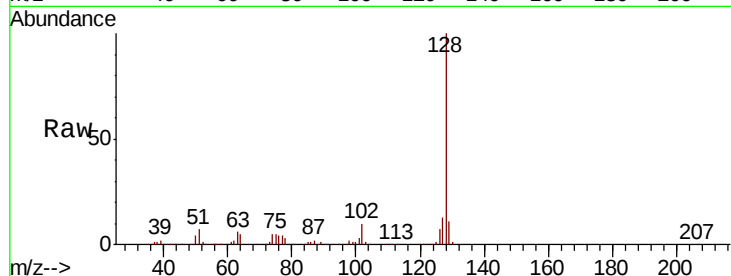




#95
Naphthalene
Concen: 53.277 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012313.D
Acq: 11 Sep 2019 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 240858
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 51.872 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012313.D
Acq: 11 Sep 2019 20:17

Tgt Ion:180 Resp: 96687
Ion Ratio Lower Upper
180 100
182 95.1 47.0 141.0
145 36.5 18.6 55.8

