

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091319\
 Data File : VX012375.D
 Acq On : 13 Sep 2019 09:47
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 13 12:04:42 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	5.64	168	148597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	247697	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	225391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	110951	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	94958	45.20	ug/l	0.00
Spiked Amount			Recovery	=	90.40%	
35) Dibromofluoromethane	5.48	113	78922	49.70	ug/l	0.00
Spiked Amount			Recovery	=	99.40%	
50) Toluene-d8	8.71	98	291108	52.27	ug/l	0.00
Spiked Amount			Recovery	=	104.54%	
62) 4-Bromofluorobenzene	11.13	95	119769	46.39	ug/l	0.00
Spiked Amount			Recovery	=	92.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	51591	42.465	ug/l	98
3) Chloromethane	1.31	50	48215	44.028	ug/l	94
4) Vinyl Chloride	1.39	62	48605	44.763	ug/l	99
5) Bromomethane	1.62	94	25453	58.637	ug/l	97
6) Chloroethane	1.71	64	32977	45.418	ug/l	98
7) Trichlorofluoromethane	1.92	101	91253	46.436	ug/l	100
8) Diethyl Ether	2.17	74	30695	45.775	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	64318	48.562	ug/l	98
10) Methyl Iodide	2.50	142	42143	33.432	ug/l	99
11) Tert butyl alcohol	3.02	59	47151	209.882	ug/l	99
12) 1,1-Dichloroethene	2.36	96	53019	47.152	ug/l	96
13) Acrolein	2.28	56	28356	258.199	ug/l	93
14) Allyl chloride	2.72	41	105155	45.870	ug/l	98
15) Acrylonitrile	3.13	53	91865	221.621	ug/l	99
16) Acetone	2.43	43	119114	239.503	ug/l	98
17) Carbon Disulfide	2.56	76	99024	41.938	ug/l	99
18) Methyl Acetate	2.76	43	44768	42.826	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	199335	44.890	ug/l	99
20) Methylene Chloride	2.84	84	69229	44.318	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	61060	45.516	ug/l	98
22) Diisopropyl ether	3.84	45	239111	45.608	ug/l	92
23) Vinyl Acetate	3.80	43	732590	227.748	ug/l	99
24) 1,1-Dichloroethane	3.68	63	130059	46.313	ug/l	99
25) 2-Butanone	4.65	43	146696	230.736	ug/l	98
26) 2,2-Dichloropropane	4.56	77	120540	45.719	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	77819	44.931	ug/l	99
28) Bromochloromethane	5.00	49	61219	46.481	ug/l	100
29) Tetrahydrofuran	5.11	42	76532	223.107	ug/l	98
30) Chloroform	5.19	83	141239	44.601	ug/l	97
31) Cyclohexane	5.56	56	88907	45.576	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	123580	45.448	ug/l	99
36) 1,1-Dichloropropene	5.78	75	88671	49.095	ug/l	98
37) Ethyl Acetate	4.81	43	53041	47.507	ug/l	98
38) Carbon Tetrachloride	5.77	117	103229	48.715	ug/l	96

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	97368	49.124	ug/l	99
40) Benzene	6.13	78	268682	49.152	ug/l	97
41) Methacrylonitrile	5.03	41	33063	48.036	ug/l	97
42) 1,2-Dichloroethane	6.18	62	101164	46.824	ug/l	100
43) Isopropyl Acetate	6.43	43	108615	46.143	ug/l	100
44) Trichloroethene	7.20	130	73461	49.657	ug/l	94
45) 1,2-Dichloropropane	7.51	63	73234	48.401	ug/l	97
46) Dibromomethane	7.65	93	40175	48.582	ug/l	96
47) Bromodichloromethane	7.89	83	108204	47.947	ug/l	100
48) Methyl methacrylate	7.76	41	53038	47.074	ug/l	98
49) 1,4-Dioxane	7.73	88	13330	876.769	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	290024	233.453	ug/l	100
52) Toluene	8.78	92	174523	48.336	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	106283	47.186	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	120983	48.438	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	63419	49.501	ug/l	97
56) Ethyl methacrylate	9.17	69	82926	47.805	ug/l	98
57) 1,3-Dichloropropane	9.37	76	106400	48.625	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	212442	238.949	ug/l	100
59) 2-Hexanone	9.48	43	219652	254.287	ug/l	99
60) Dibromochloromethane	9.57	129	72280	48.327	ug/l	98
61) 1,2-Dibromoethane	9.67	107	57722	48.401	ug/l	97
64) Tetrachloroethene	9.33	164	59653	50.044	ug/l	100
65) Chlorobenzene	10.14	112	202135	49.082	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	77584	49.975	ug/l	100
67) Ethyl Benzene	10.25	91	359332	49.058	ug/l	97
68) m/p-Xylenes	10.36	106	268858	99.713	ug/l	100
69) o-Xylene	10.70	106	130500	49.407	ug/l	100
70) Styrene	10.71	104	232687	49.672	ug/l	99
71) Bromoform	10.85	173	38939	48.369	ug/l #	99
73) Isopropylbenzene	11.01	105	358571	49.091	ug/l	100
74) N-amyl acetate	10.89	43	98633	45.416	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	75986	48.439	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	80490	56.471	ug/l	87
77) Bromobenzene	11.25	156	84362	50.165	ug/l	96
78) n-propylbenzene	11.35	91	432275	49.008	ug/l	99
79) 2-Chlorotoluene	11.42	91	258967	47.388	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	321866	49.000	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	22084	46.423	ug/l	97
82) 4-Chlorotoluene	11.51	91	316592	48.206	ug/l	99
83) tert-Butylbenzene	11.76	119	320110	50.188	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	326817	48.129	ug/l	98
85) sec-Butylbenzene	11.94	105	374621	49.225	ug/l	100
86) p-Isopropyltoluene	12.06	119	346849	49.326	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	170868	49.878	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	168597	48.671	ug/l	98
89) n-Butylbenzene	12.39	91	323828	46.985	ug/l	99
90) Hexachloroethane	12.59	117	60073	46.381	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	154554	48.772	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	14242	44.479	ug/l	96

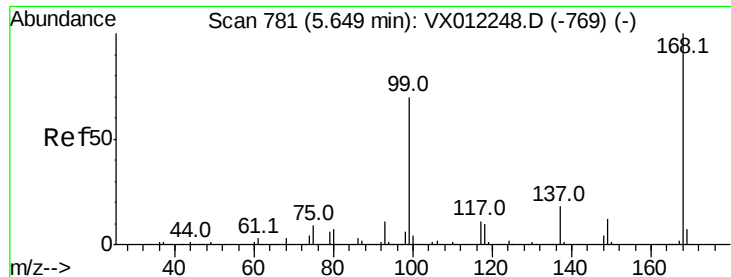
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091319\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	102606	46.886	ug/l	99
94) Hexachlorobutadiene	13.78	225	52268	48.010	ug/l	98
95) Naphthalene	13.83	128	209753	44.663	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	88431	45.670	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

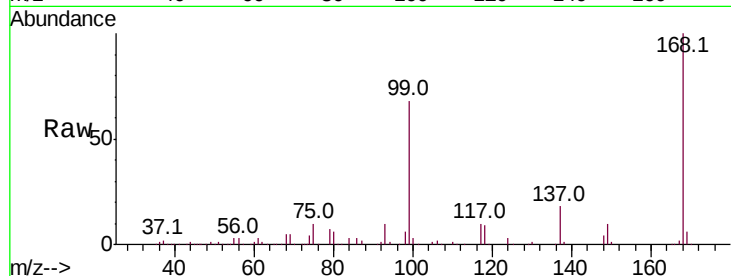
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 148597

Ion Ratio Lower Upper

168 100

99 67.6 55.8 83.6

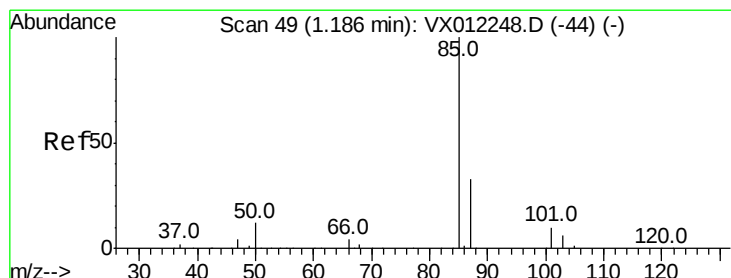
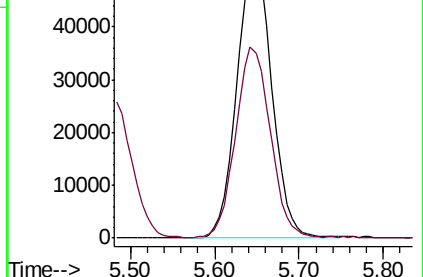
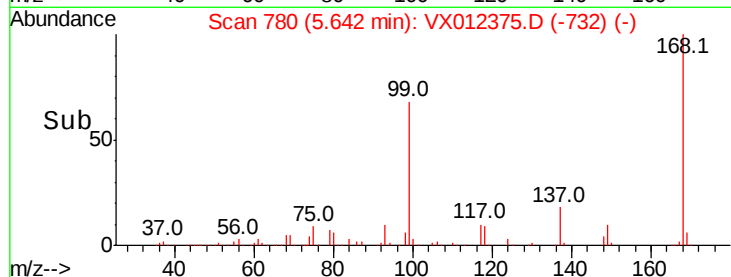


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

Time-->



#2

Dichlorodifluoromethane

Concen: 42.465 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012375.D

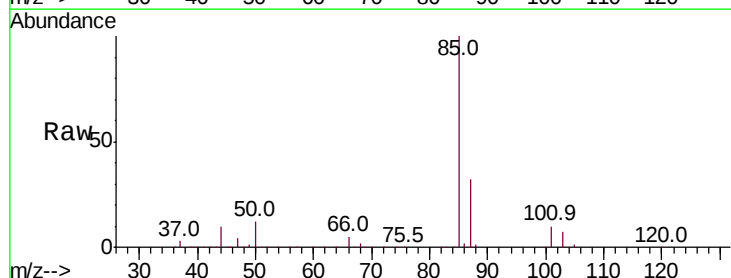
Acq: 13 Sep 2019 09:47

Tgt Ion: 85 Resp: 51591

Ion Ratio Lower Upper

85 100

87 32.0 16.7 50.0

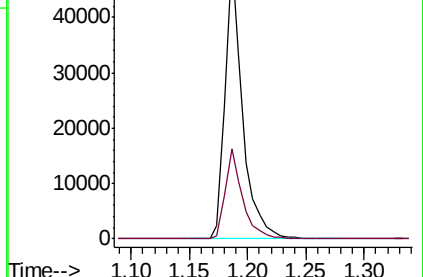
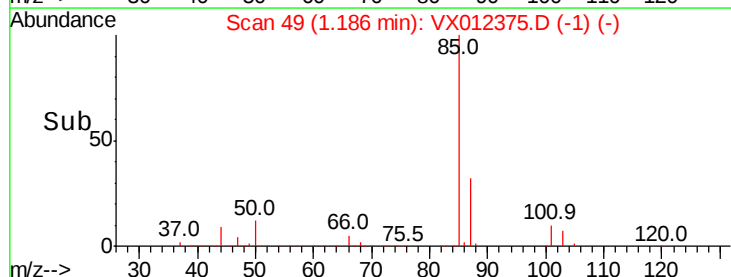


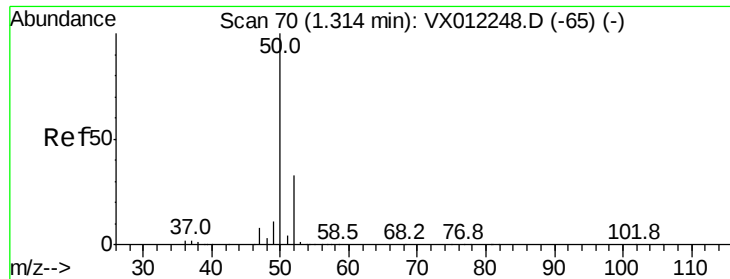
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

Time-->





#3

Chloromethane

Concen: 44.028 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

Instrument :

MSVOA_X

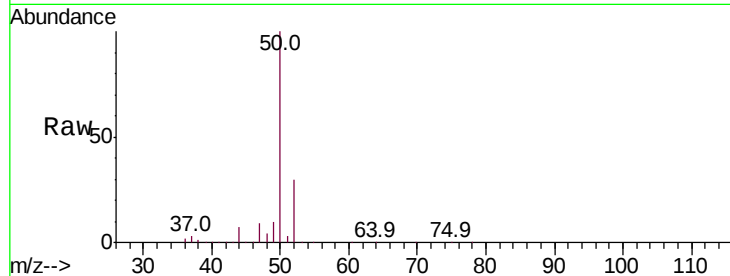
ClientSampled :

Tot Ion: 50 Resp: 48215

Ion Ratio Lower Upper

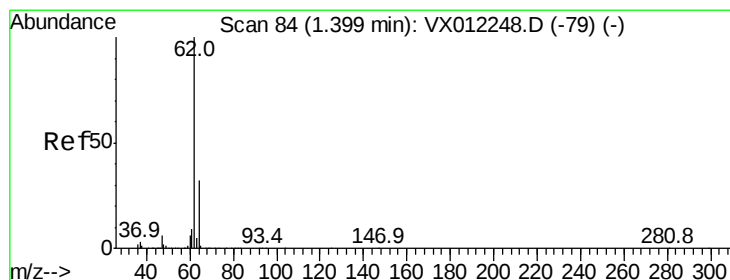
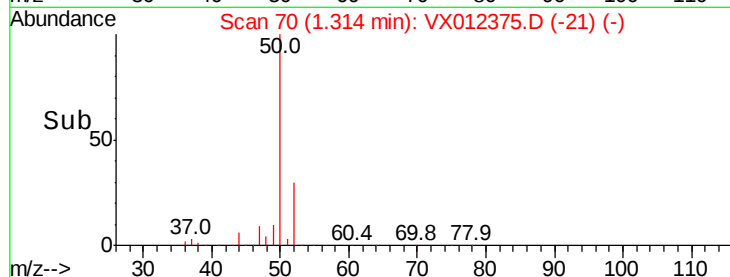
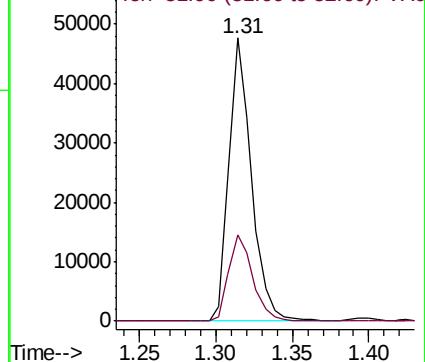
50 100

52 30.2 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.763 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.01 min

Lab File: VX012375.D

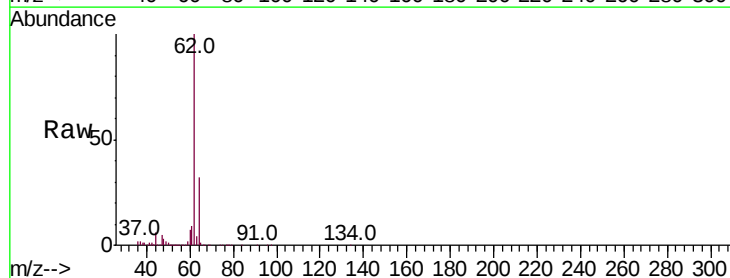
Acq: 13 Sep 2019 09:47

Tgt Ion: 62 Resp: 48605

Ion Ratio Lower Upper

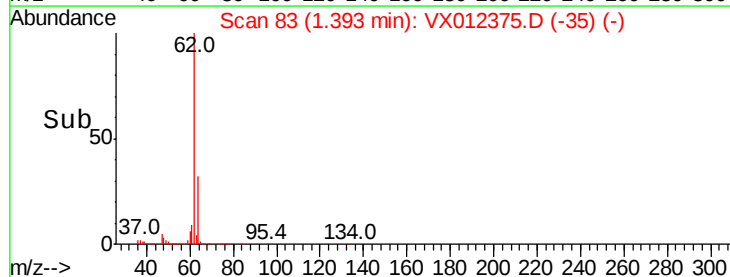
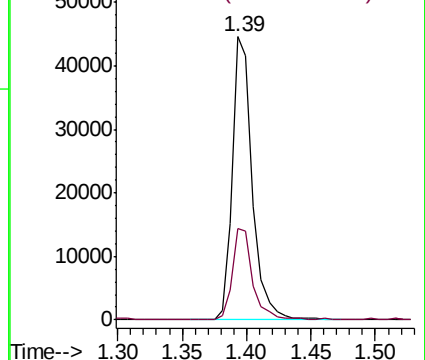
62 100

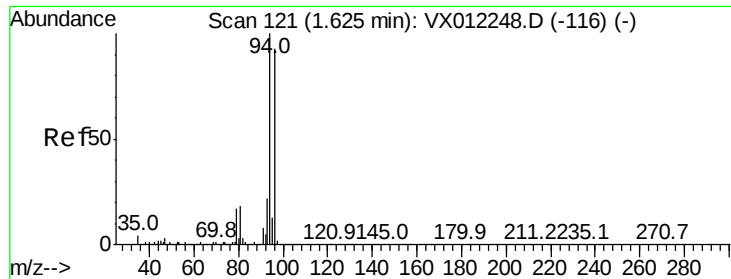
64 32.2 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 58.637 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

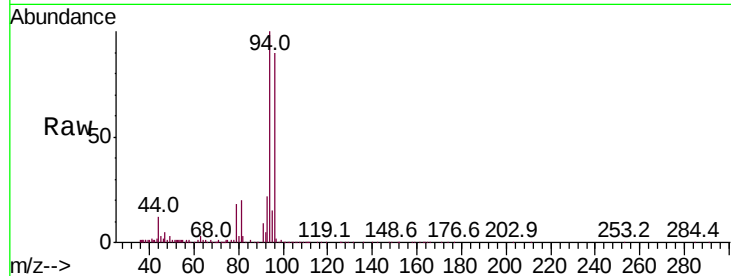
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 25453

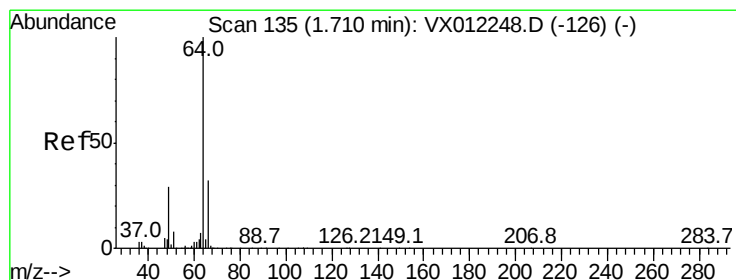
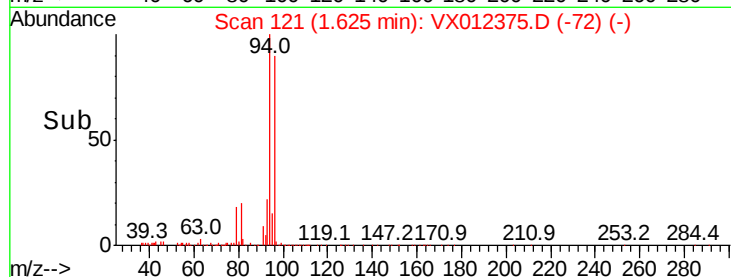
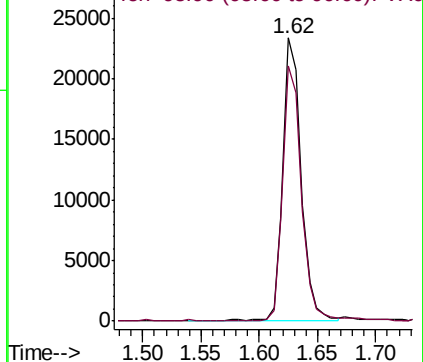
Ion Ratio Lower Upper

94 100

96 89.6 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: 45.418 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012375.D

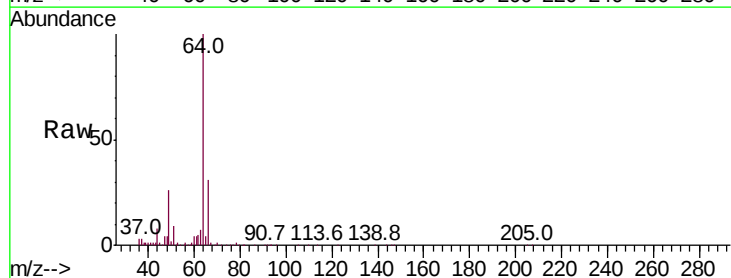
Acq: 13 Sep 2019 09:47

Tgt Ion: 64 Resp: 32977

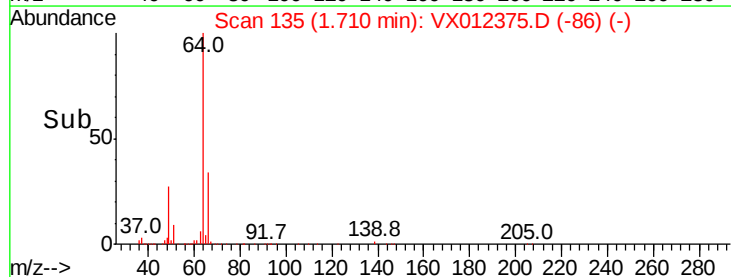
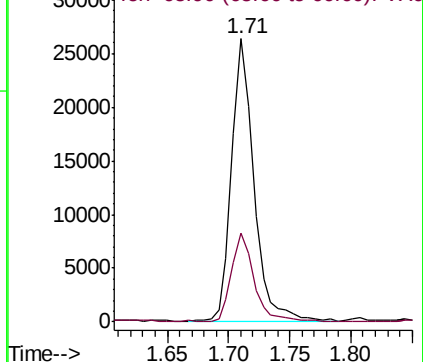
Ion Ratio Lower Upper

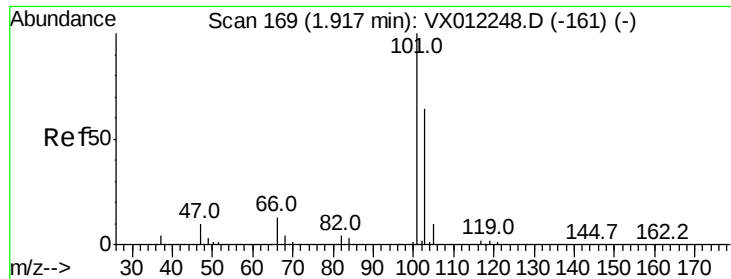
64 100

66 31.3 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



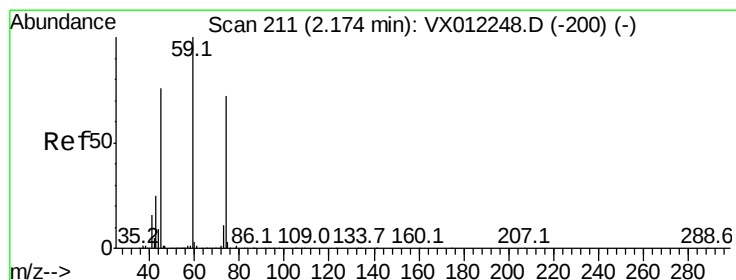
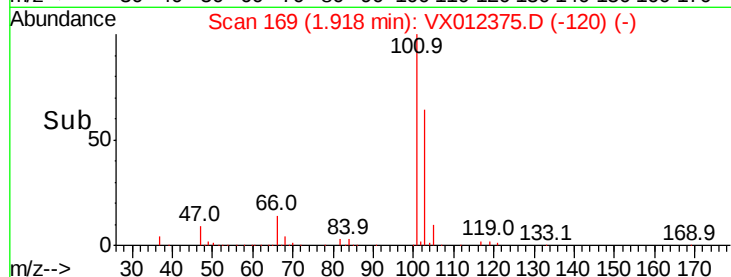
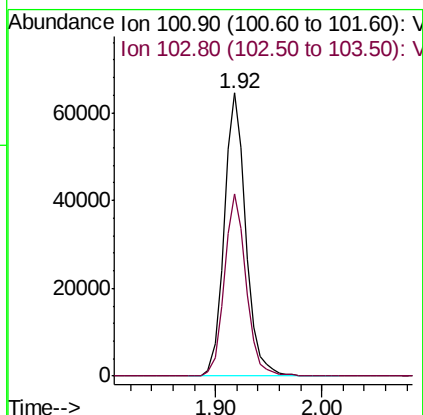
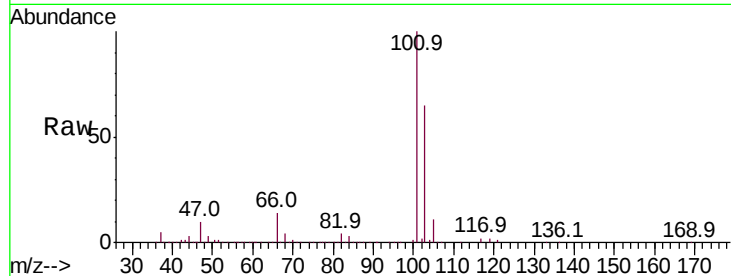


#7

Trichlorofluoromethane
Concen: 46.436 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012375.D
Acq: 13 Sep 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :

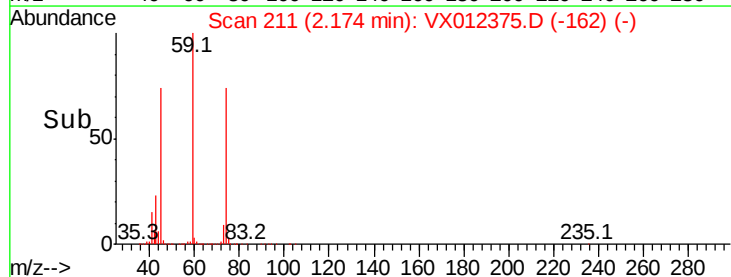
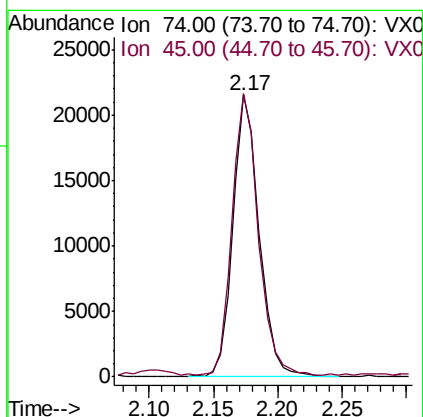
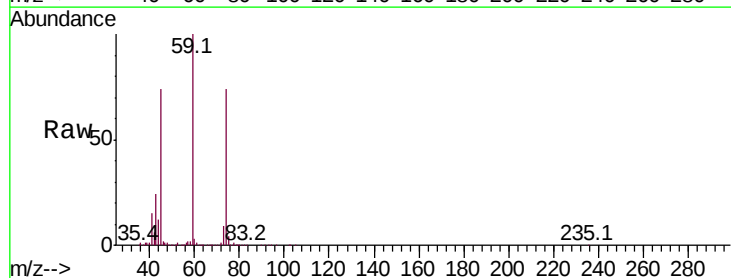
Tot Ion:101 Resp: 91253
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2

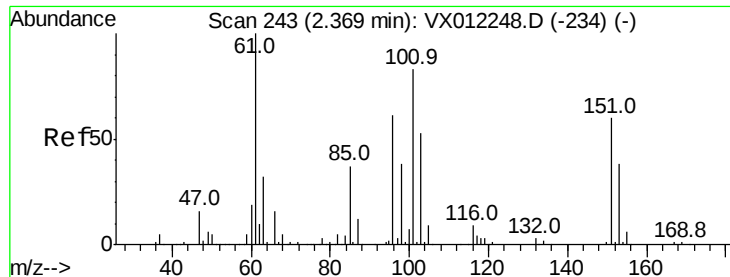


#8

Diethyl Ether
Concen: 45.775 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX012375.D
Acq: 13 Sep 2019 09:47

Tgt Ion: 74 Resp: 30695
Ion Ratio Lower Upper
74 100
45 99.6 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.562 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

Instrument :
MSVOA_X
ClientSampled :

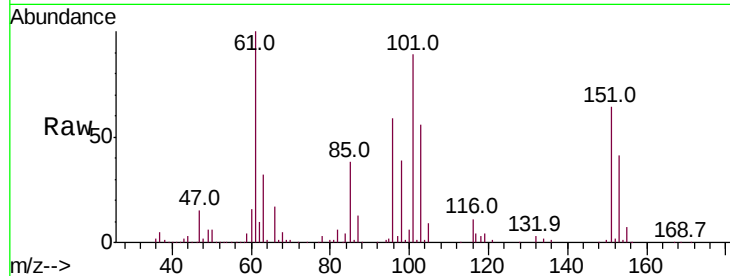
Tot Ion:101 Resp: 64318

Ion Ratio Lower Upper

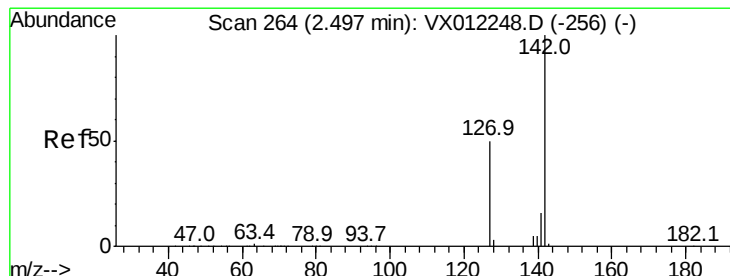
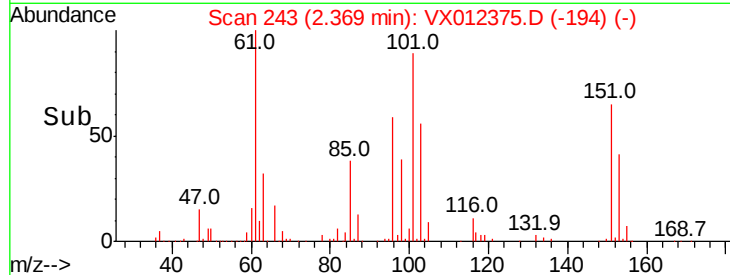
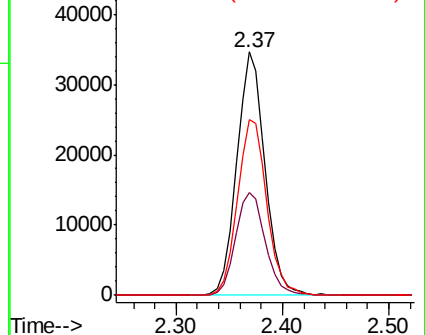
101 100

85 44.8 37.0 55.6

151 75.3 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: 33.432 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

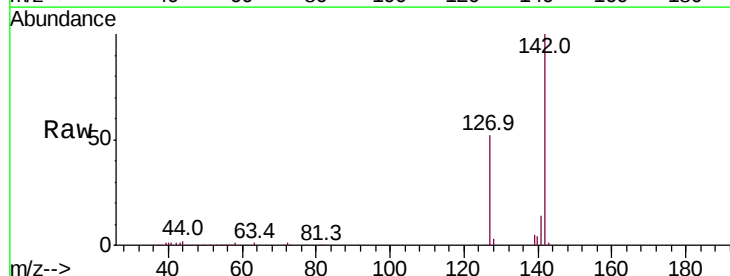
Tgt Ion:142 Resp: 42143

Ion Ratio Lower Upper

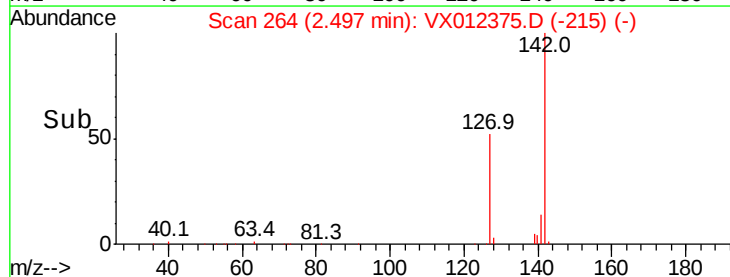
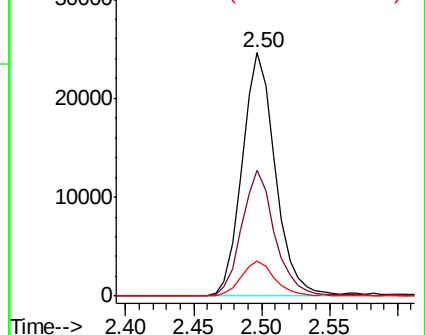
142 100

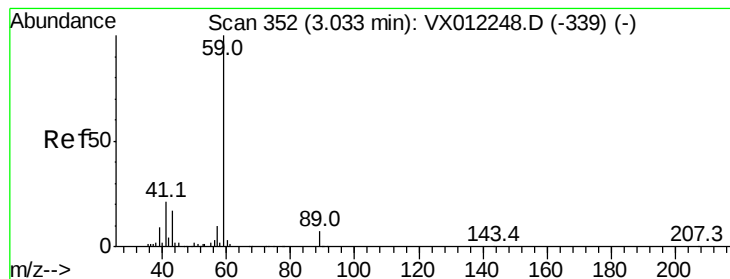
127 51.4 40.6 61.0

141 14.6 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



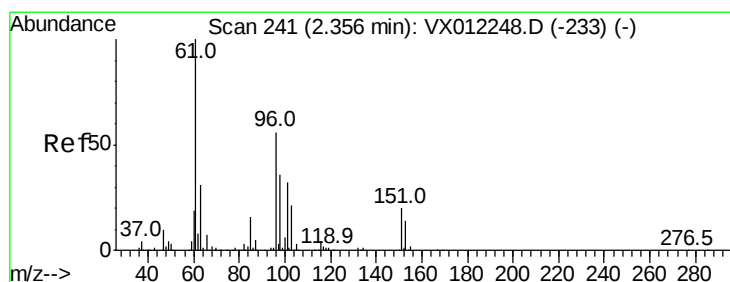
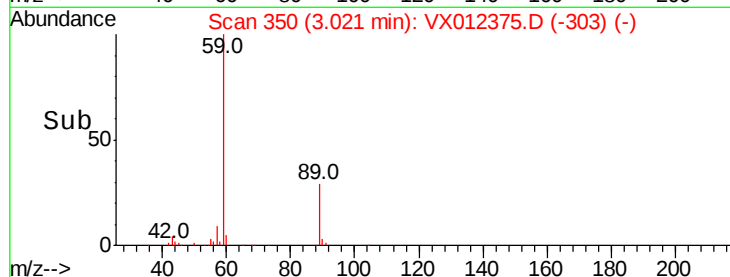
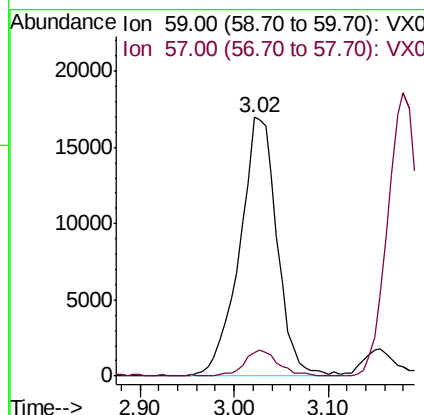
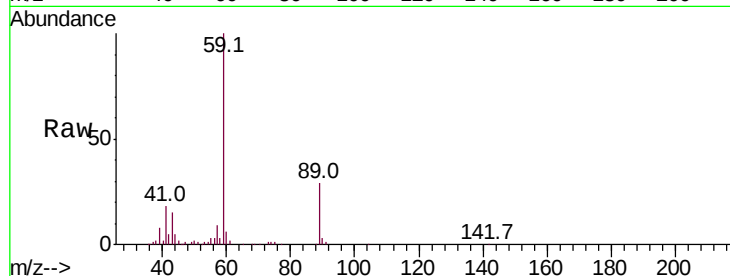


#11

Tert butyl alcohol
 Concen: 209.882 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX012375.D
 Acq: 13 Sep 2019 09:47

Instrument :
 MSVOA_X
 ClientSampleId :

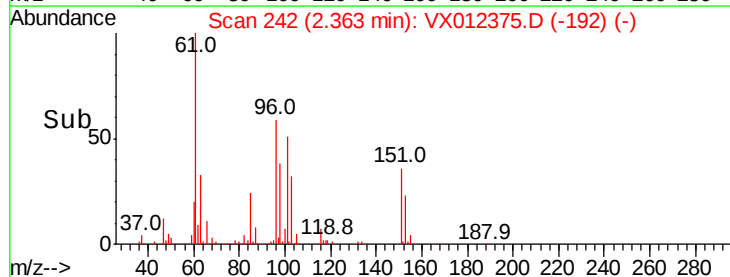
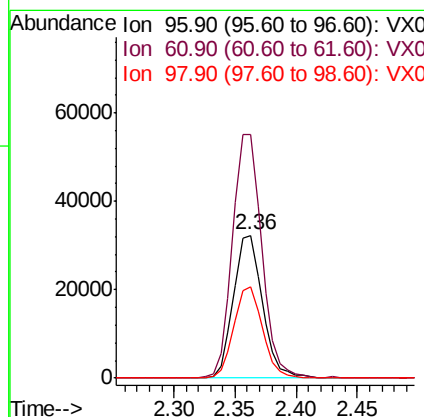
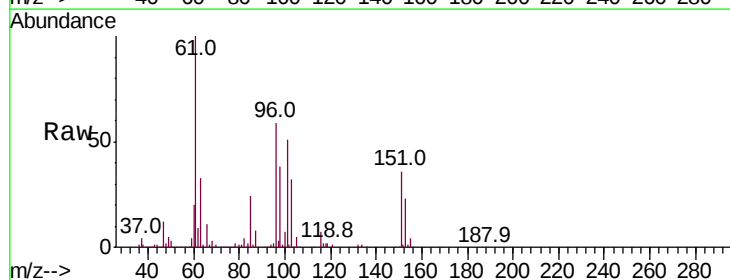
Tot Ion: 59 Resp: 47151
 Ion Ratio Lower Upper
 59 100
 57 9.2 7.8 11.6

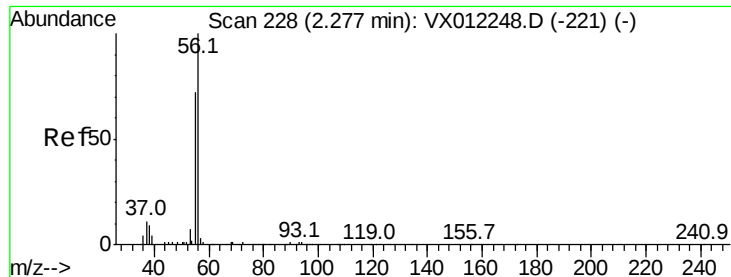


#12

1,1-Dichloroethene
 Concen: 47.152 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.01 min
 Lab File: VX012375.D
 Acq: 13 Sep 2019 09:47

Tgt Ion: 96 Resp: 53019
 Ion Ratio Lower Upper
 96 100
 61 170.0 142.2 213.2
 98 64.3 51.3 76.9





#13

Acrolein

Concen: 258.199 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

Instrument :

MSVOA_X

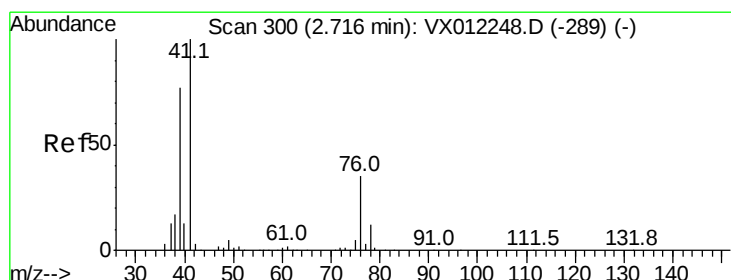
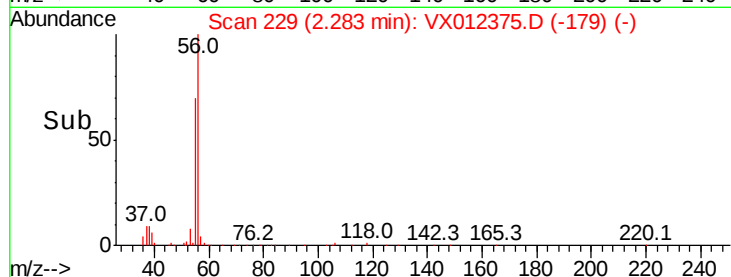
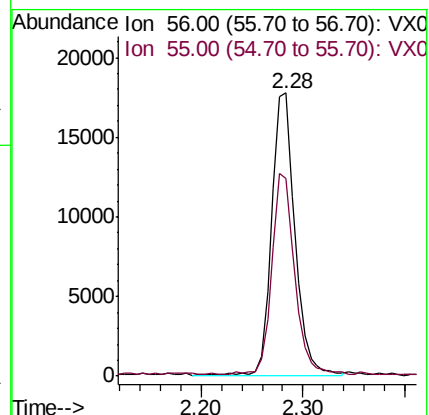
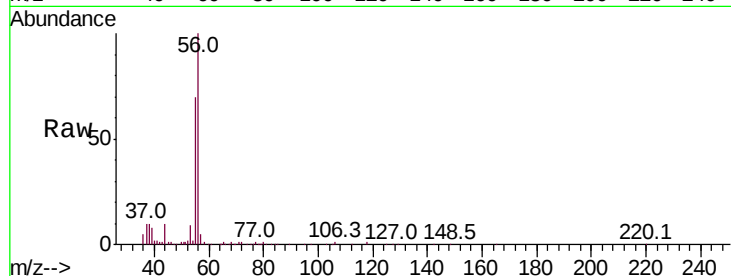
ClientSampleId :

Tot Ion: 56 Resp: 28356

Ion Ratio Lower Upper

56 100

55 68.6 59.8 89.6



#14

Allyl chloride

Concen: 45.870 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

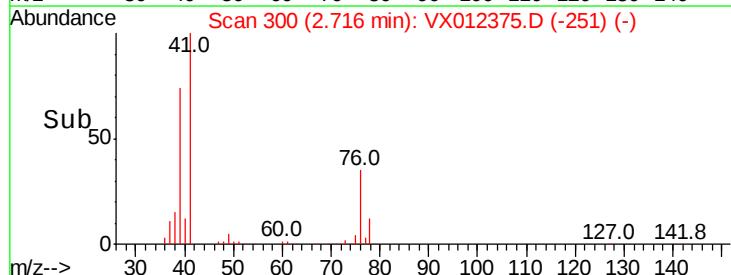
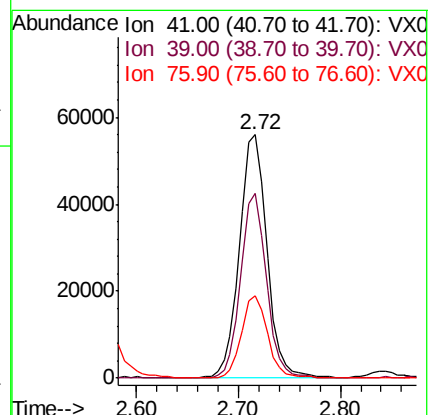
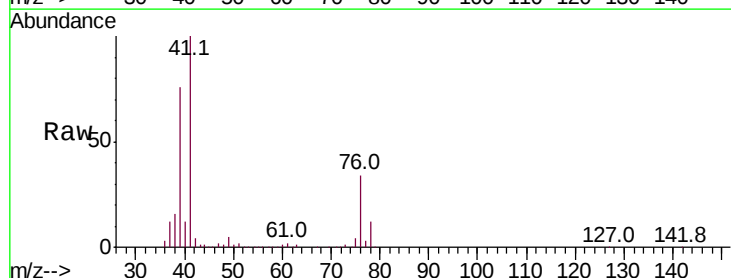
Tgt Ion: 41 Resp: 105155

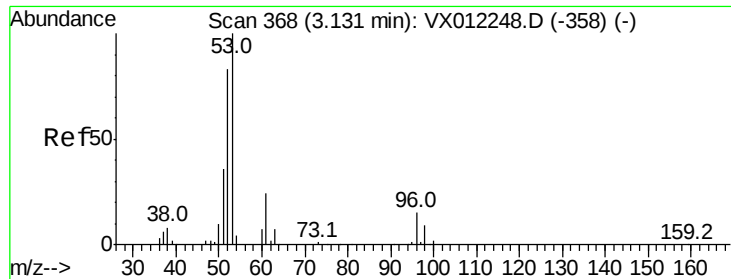
Ion Ratio Lower Upper

41 100

39 71.2 58.6 87.8

76 31.9 26.3 39.5





#15

Acrylonitrile

Concen: 221.621 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

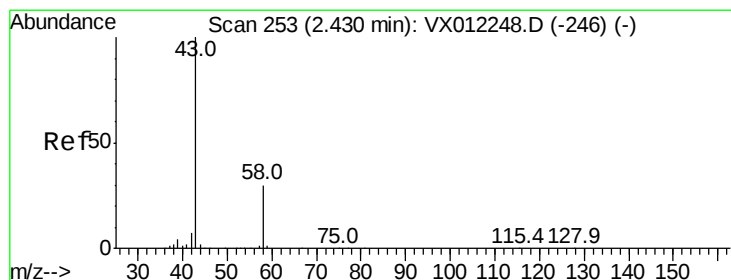
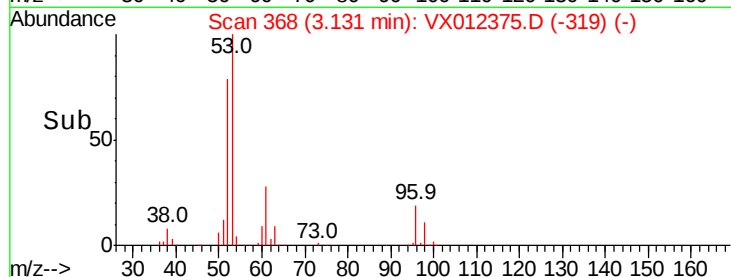
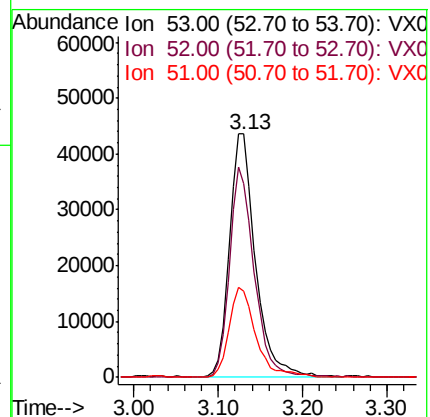
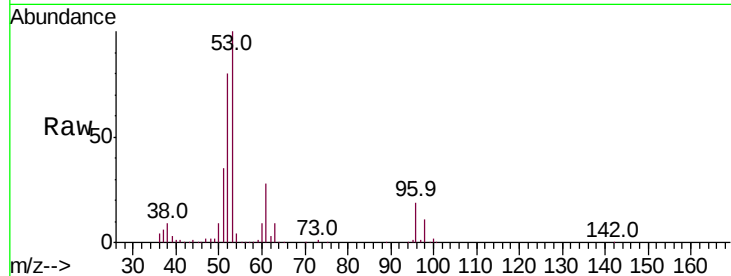
Tot Ion: 53 Resp: 91865

Ion Ratio Lower Upper

53 100

52 82.4 66.8 100.2

51 37.9 30.7 46.1



#16

Acetone

Concen: 239.503 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX012375.D

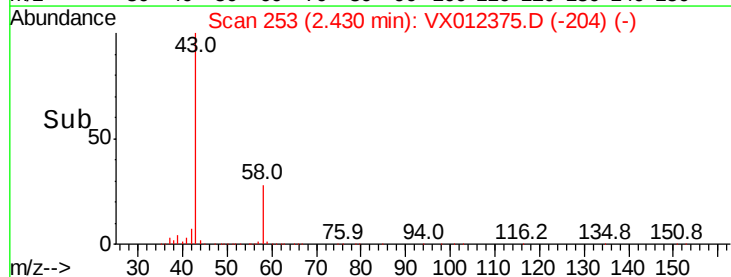
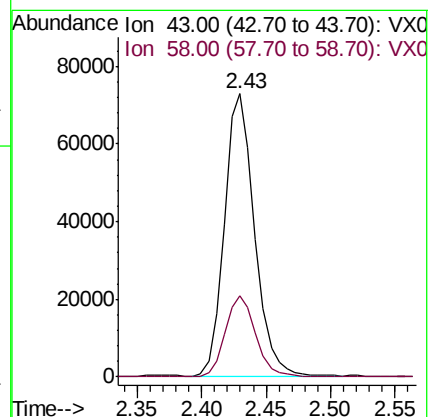
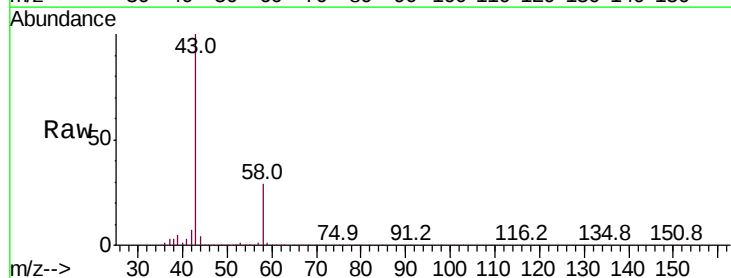
Acq: 13 Sep 2019 09:47

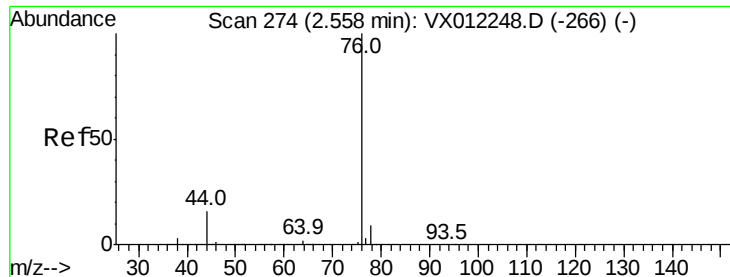
Tgt Ion: 43 Resp: 119114

Ion Ratio Lower Upper

43 100

58 28.4 23.6 35.4





#17

Carbon Disulfide

Concen: 41.938 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

Instrument :

MSVOA_X

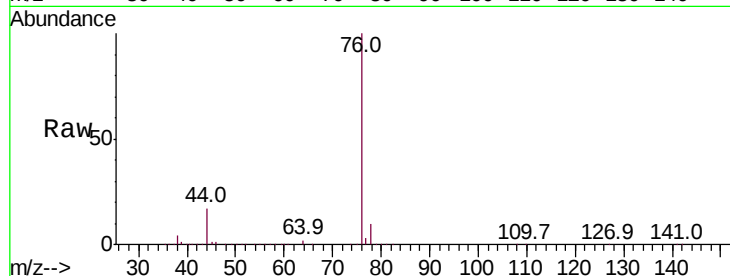
ClientSampleId :

Tot Ion: 76 Resp: 99024

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

60000

50000

40000

30000

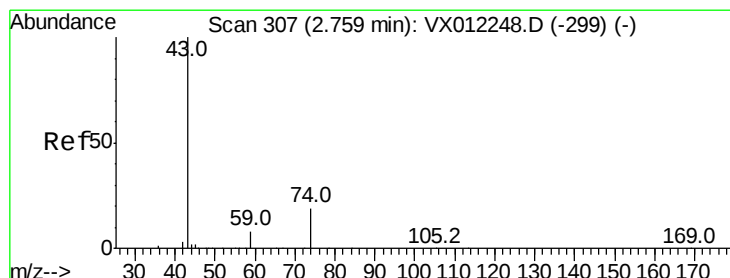
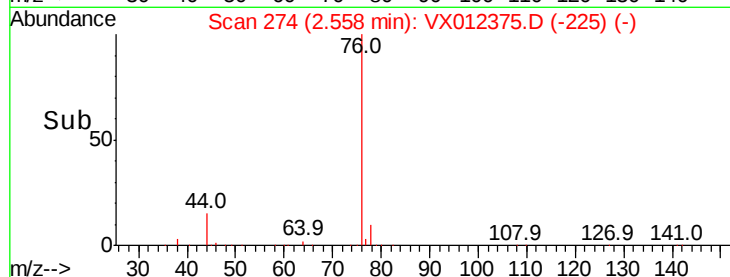
20000

10000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 42.826 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX012375.D

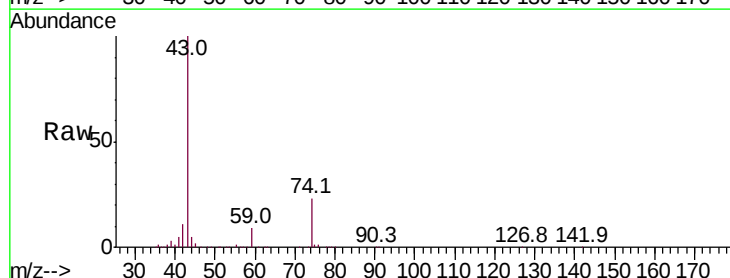
Acq: 13 Sep 2019 09:47

Tgt Ion: 43 Resp: 44768

Ion Ratio Lower Upper

43 100

74 23.1 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

30000

25000

20000

15000

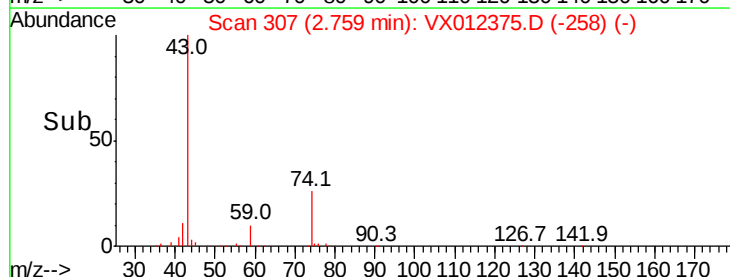
10000

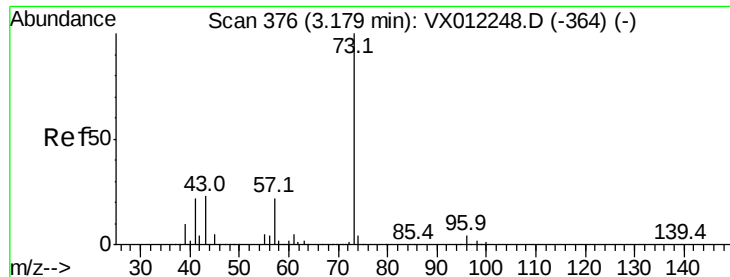
5000

0

Time-->

2.65 2.70 2.75 2.80 2.85



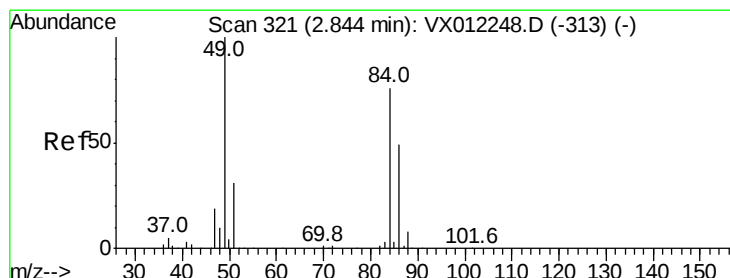
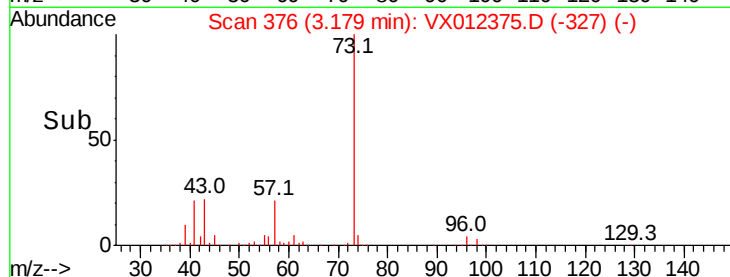
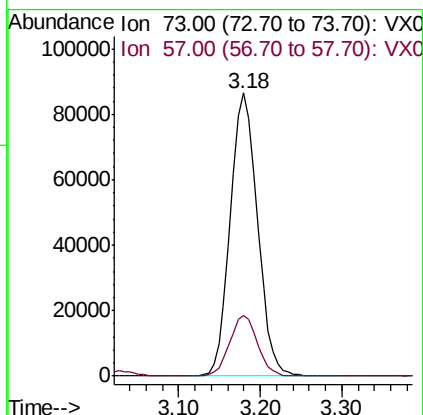
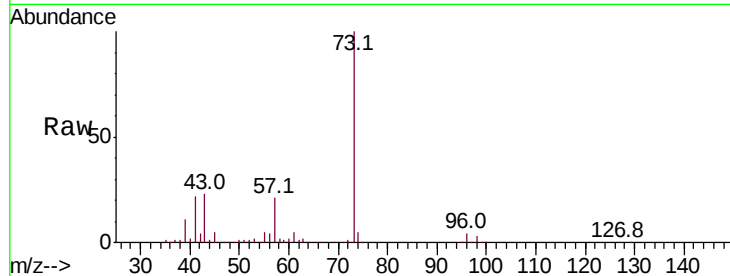


#19

Methyl tert-butyl Ether
 Concen: 44.890 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VX012375.D
 Acq: 13 Sep 2019 09:47

Instrument :
 MSVOA_X
 ClientSampleId :

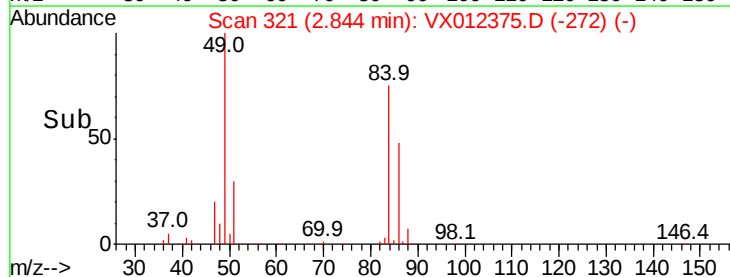
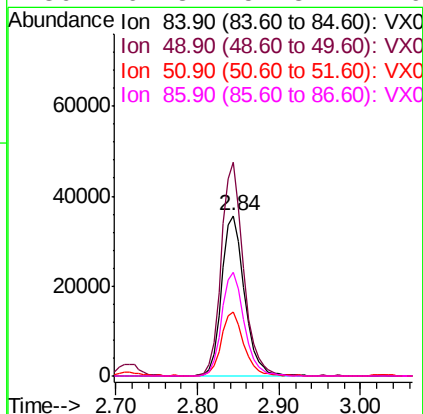
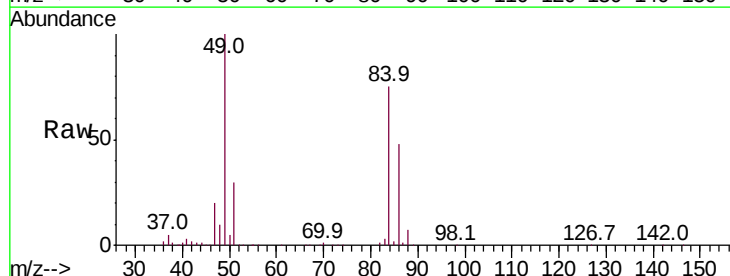
Tot Ion: 73 Resp: 199335
 Ion Ratio Lower Upper
 73 100
 57 21.4 17.7 26.5

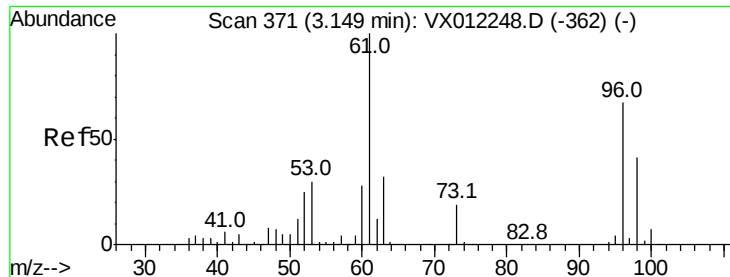


#20

Methylene Chloride
 Concen: 44.318 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX012375.D
 Acq: 13 Sep 2019 09:47

Tgt Ion: 84 Resp: 69229
 Ion Ratio Lower Upper
 84 100
 49 133.1 105.0 157.6
 51 39.8 32.6 48.8
 86 64.3 51.8 77.6

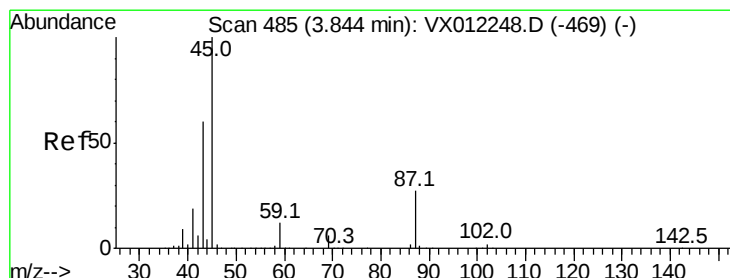
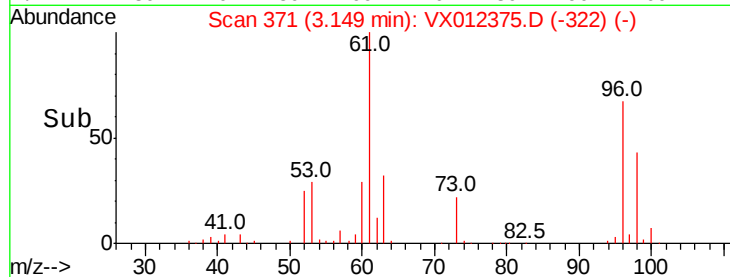
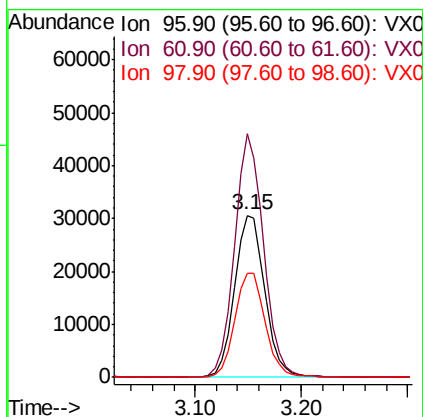
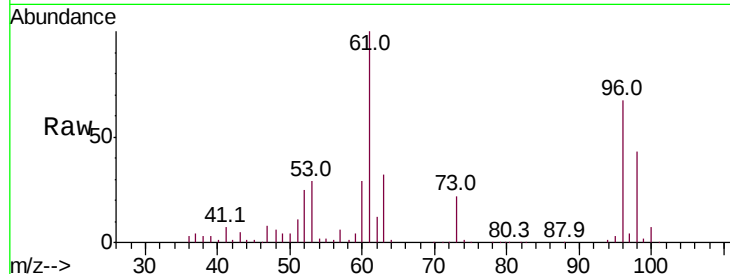




#21
trans-1,2-Dichloroethene
Concen: 45.516 ug/l
RT: 3.15 min Scan# 371
Delta R.T. 0.00 min
Lab File: VX012375.D
Acq: 13 Sep 2019 09:47

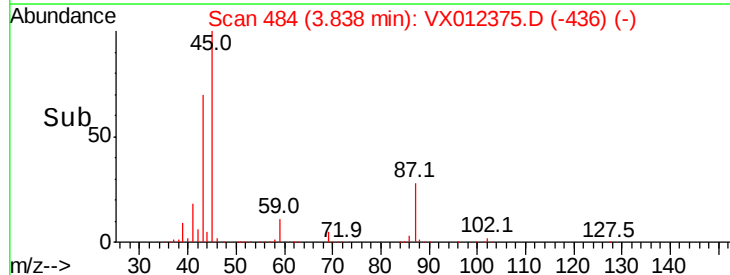
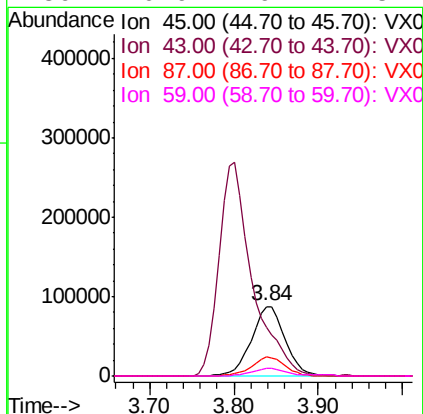
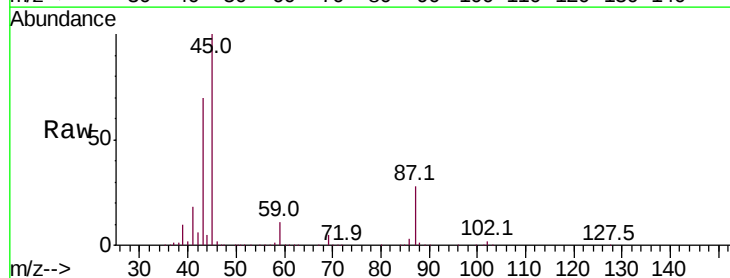
Instrument :
MSVOA_X
ClientSampleId :

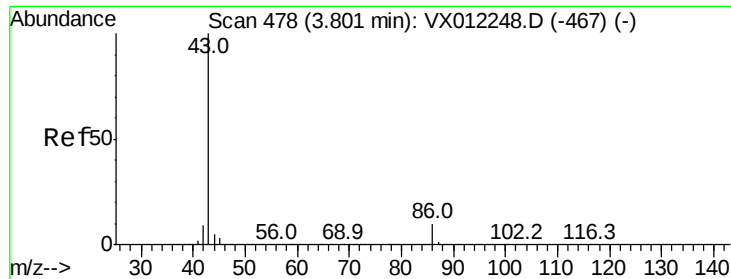
Tot Ion	Ratio	Lower	Upper
96	100		
61	150.3	119.4	179.2
98	63.9	48.4	72.6



#22
Diisopropyl ether
Concen: 45.608 ug/l
RT: 3.84 min Scan# 484
Delta R.T. -0.01 min
Lab File: VX012375.D
Acq: 13 Sep 2019 09:47

Tgt Ion	Ratio	Lower	Upper
45	100		
43	69.6	48.3	72.5
87	27.9	21.8	32.8
59	10.9	9.1	13.7





#23

Vinyl Acetate

Concen: 227.748 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

Instrument :

MSVOA_X

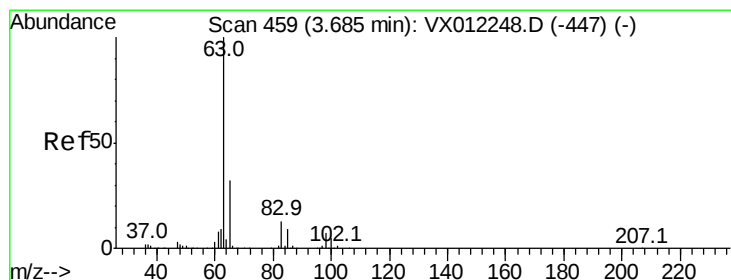
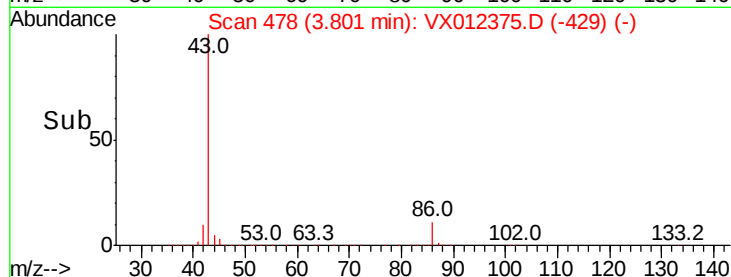
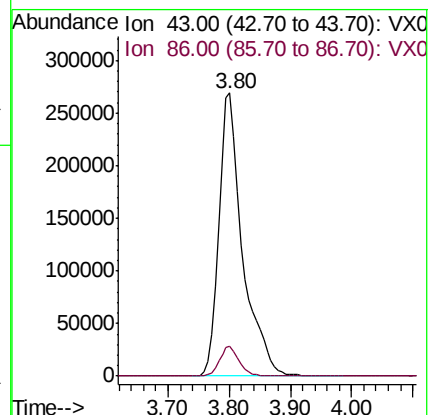
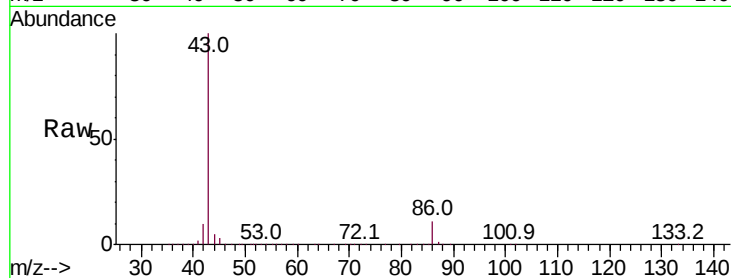
ClientSampleId :

Tot Ion: 43 Resp: 732590

Ion Ratio Lower Upper

43 100

86 10.6 8.3 12.5



#24

1,1-Dichloroethane

Concen: 46.313 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

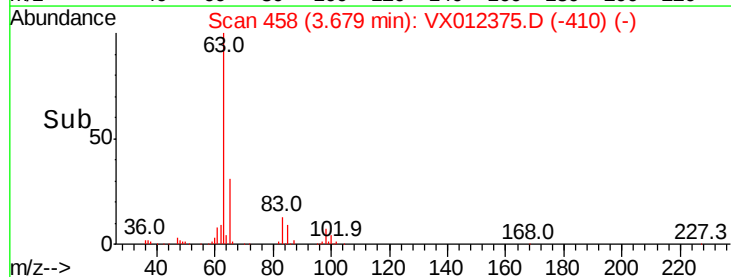
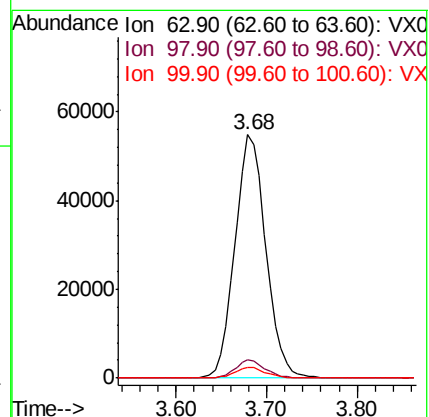
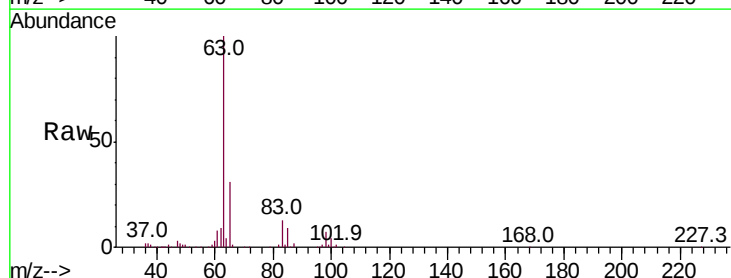
Tgt Ion: 63 Resp: 130059

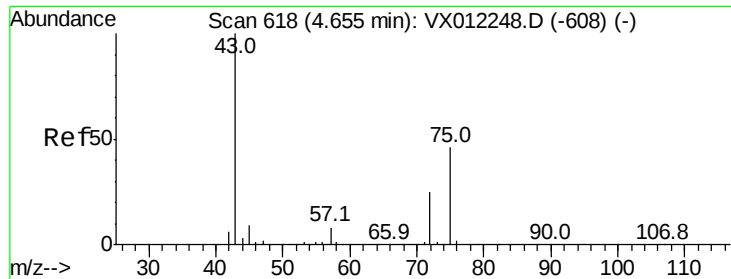
Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.1

100 4.5 2.4 7.2





#25

2-Butanone

Concen: 230.736 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

Instrument :

MSVOA_X

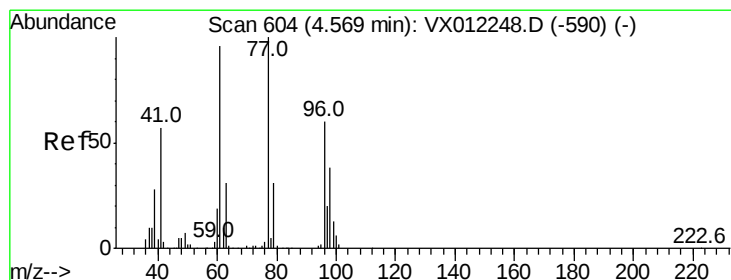
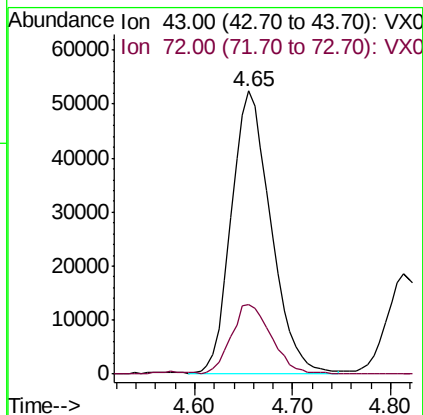
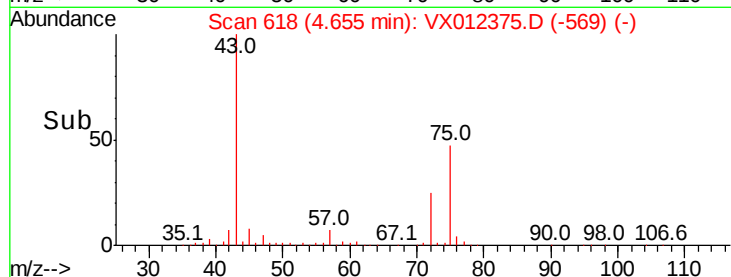
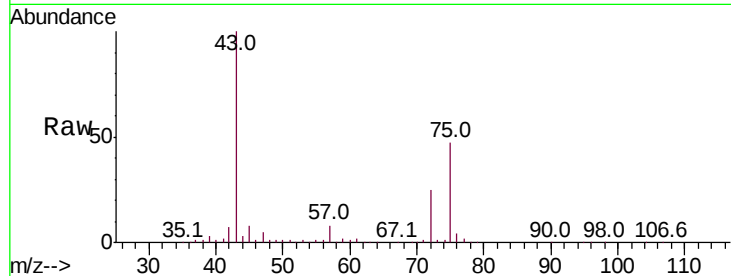
ClientSampleId :

Tot Ion: 43 Resp: 146696

Ion Ratio Lower Upper

43 100

72 24.3 20.2 30.2



#26

2,2-Dichloropropane

Concen: 45.719 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012375.D

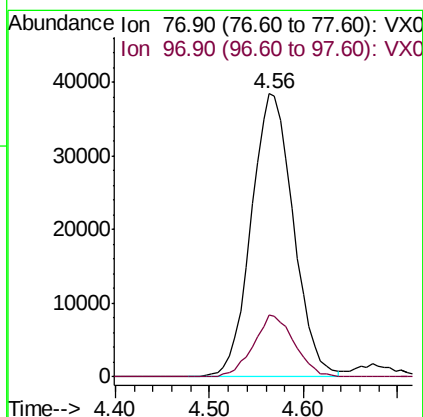
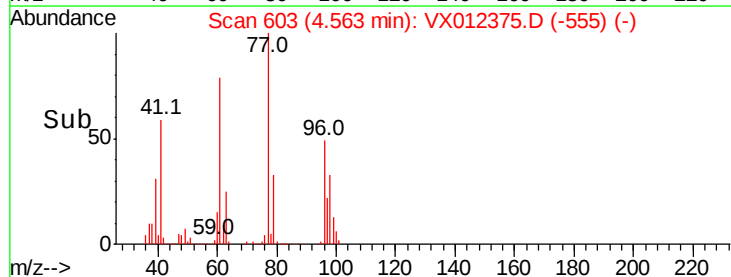
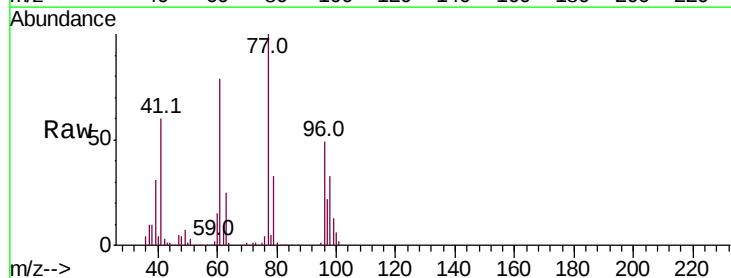
Acq: 13 Sep 2019 09:47

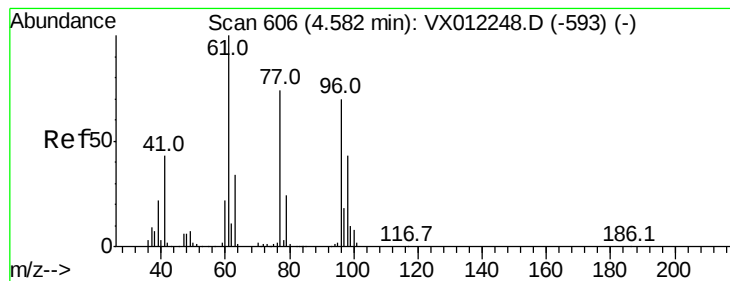
Tgt Ion: 77 Resp: 120540

Ion Ratio Lower Upper

77 100

97 21.4 10.7 32.1



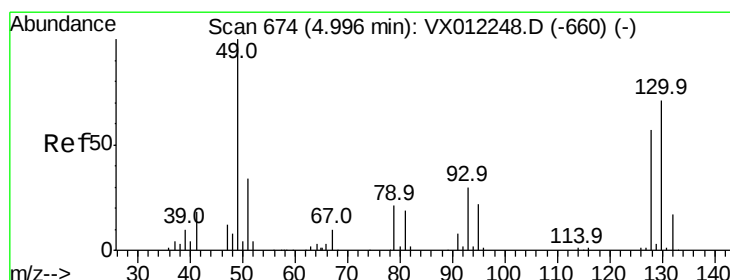
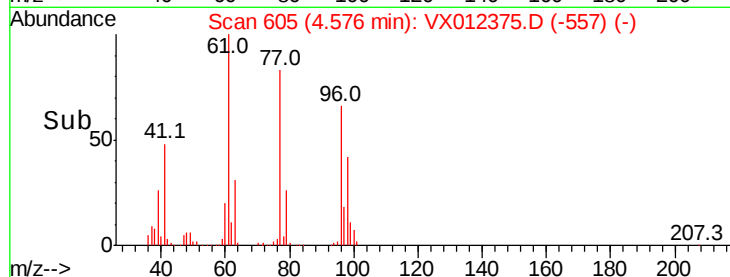
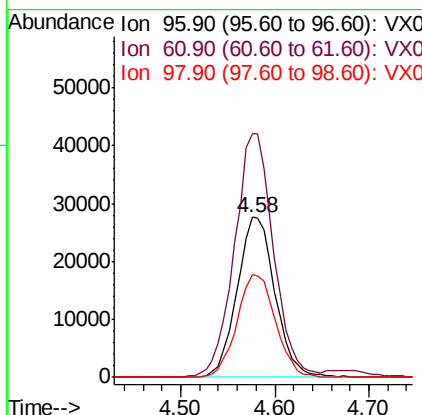
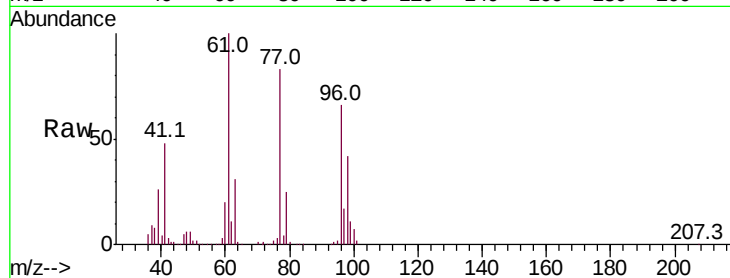


#27

cis-1,2-Dichloroethene
 Concen: 44.931 ug/l
 RT: 4.58 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: VX012375.D
 Acq: 13 Sep 2019 09:47

Instrument :
 MSVOA_X
 ClientSampleId :

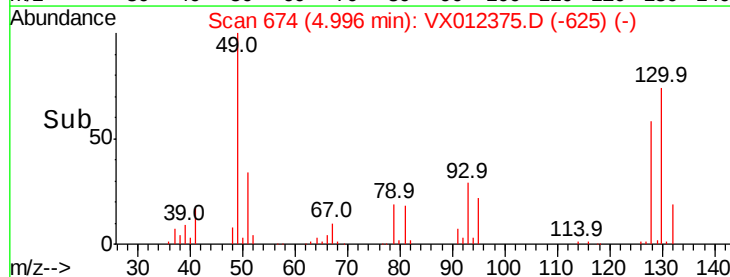
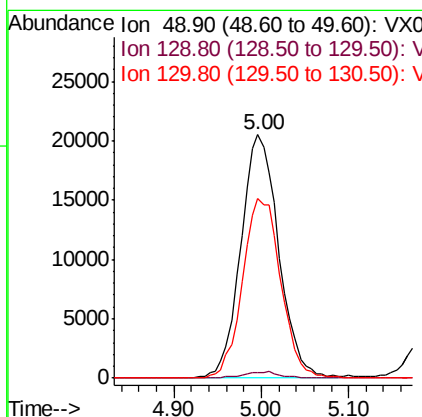
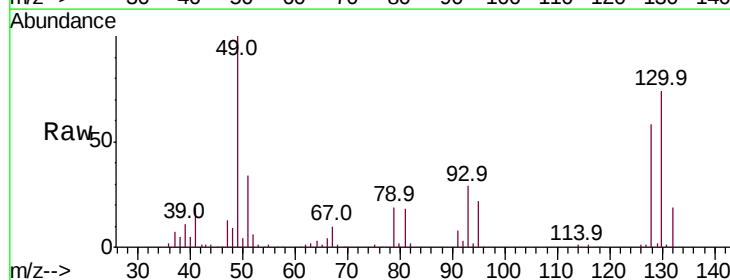
Tot Ion: 96 Resp: 77819
 Ion Ratio Lower Upper
 96 100
 61 156.6 0.0 310.4
 98 65.4 0.0 128.8

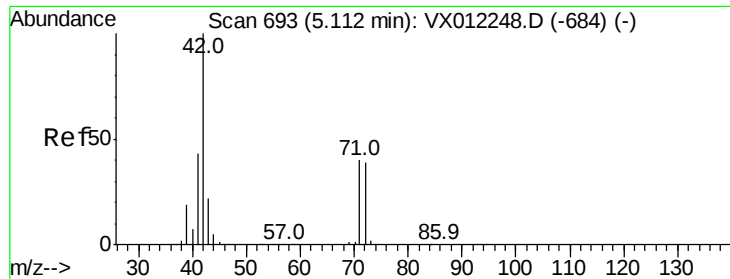


#28

Bromochloromethane
 Concen: 46.481 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. 0.00 min
 Lab File: VX012375.D
 Acq: 13 Sep 2019 09:47

Tgt Ion: 49 Resp: 61219
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.2
 130 75.4 60.1 90.1





#29

Tetrahydrofuran

Concen: 223.107 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

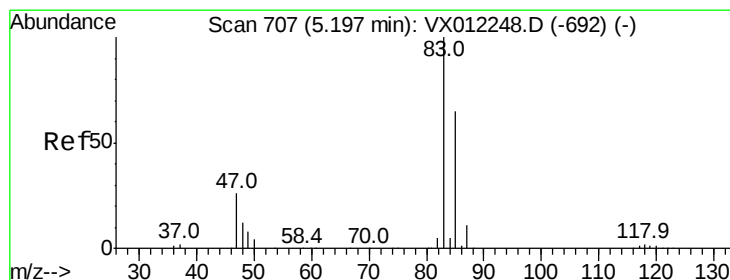
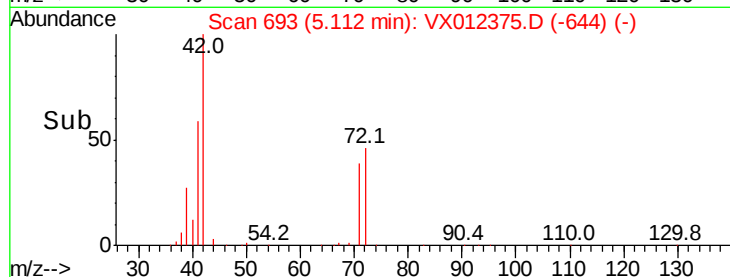
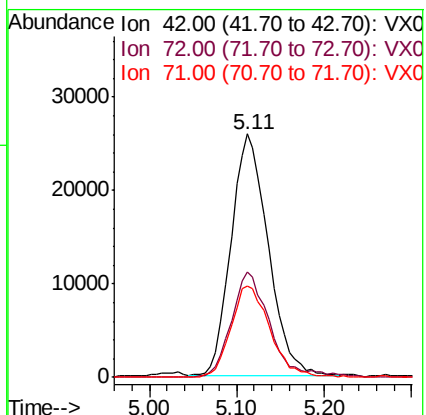
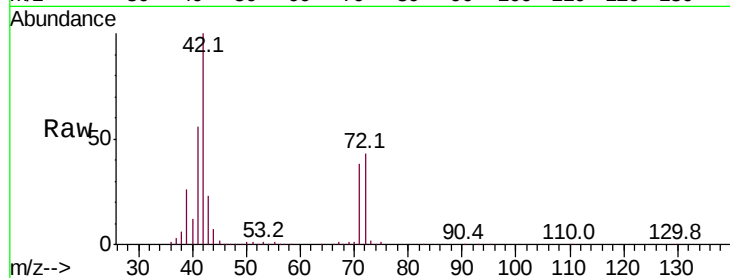
Tot Ion: 42 Resp: 76532

Ion Ratio Lower Upper

42 100

72 45.2 35.2 52.8

71 39.7 32.5 48.7



#30

Chloroform

Concen: 44.601 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX012375.D

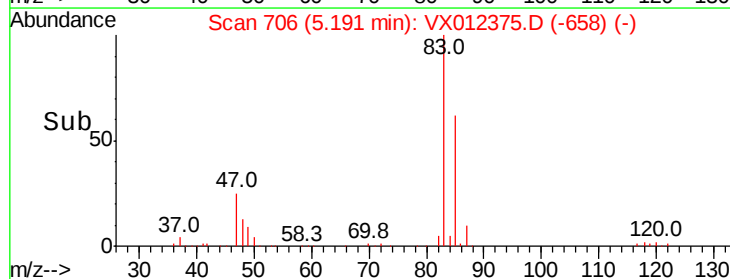
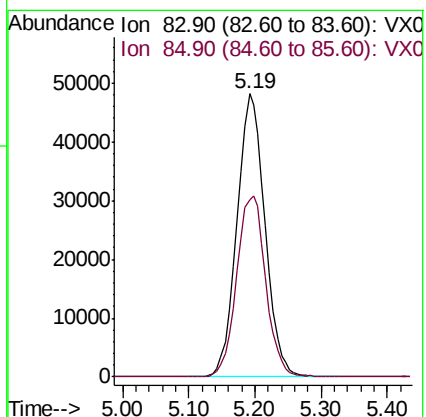
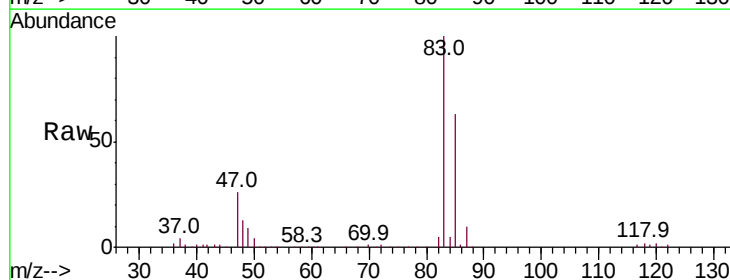
Acq: 13 Sep 2019 09:47

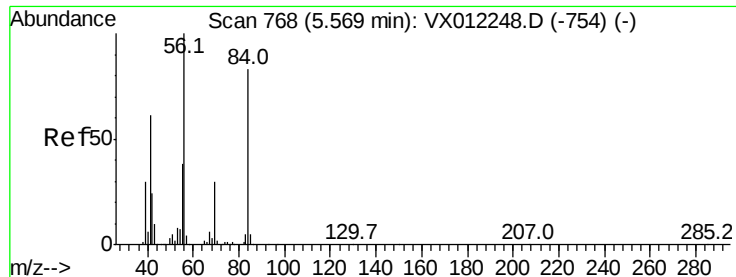
Tgt Ion: 83 Resp: 141239

Ion Ratio Lower Upper

83 100

85 62.7 52.3 78.5





#31

Cyclohexane

Concen: 45.576 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

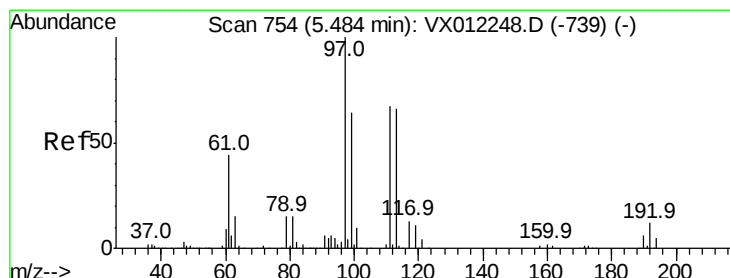
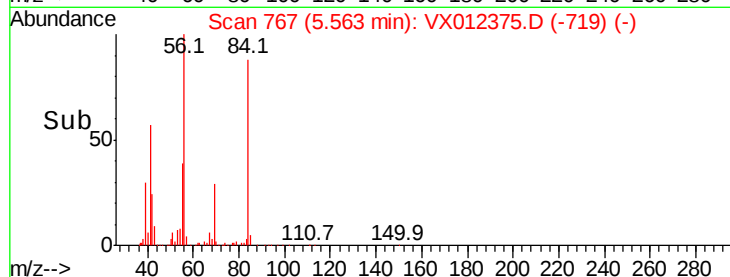
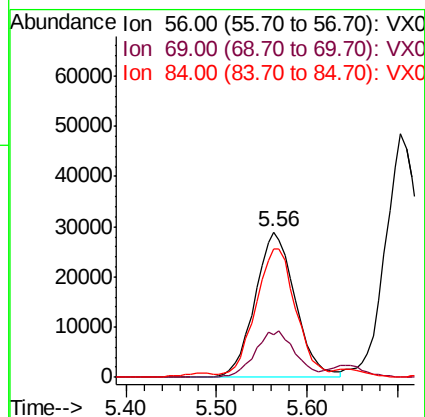
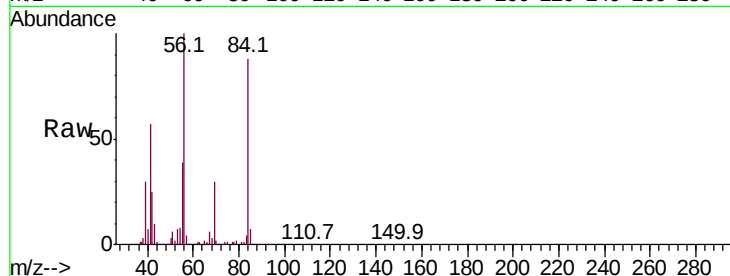
Tot Ion: 56 Resp: 88907

Ion Ratio Lower Upper

56 100

69 29.5 23.8 35.6

84 85.8 66.6 100.0



#32

1,1,1-Trichloroethane

Concen: 45.448 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

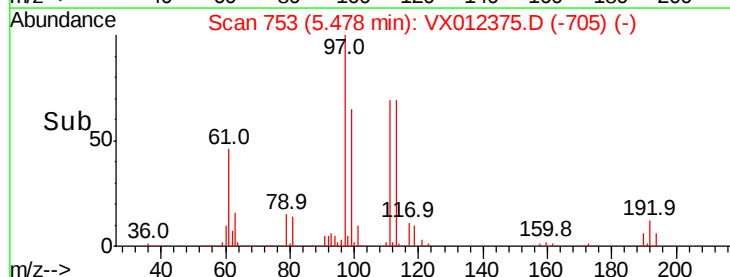
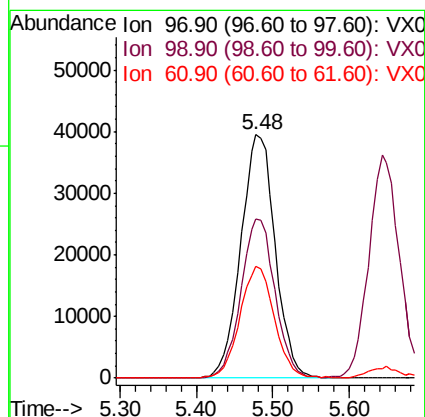
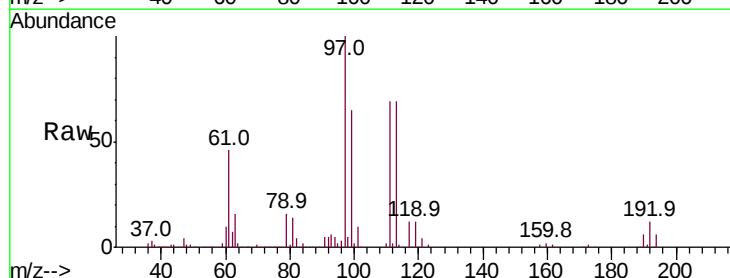
Tgt Ion: 97 Resp: 123580

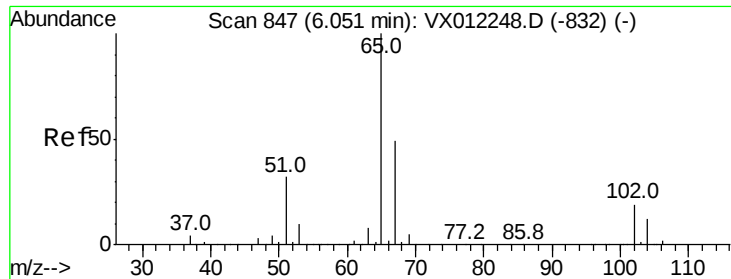
Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

61 45.9 35.4 53.0

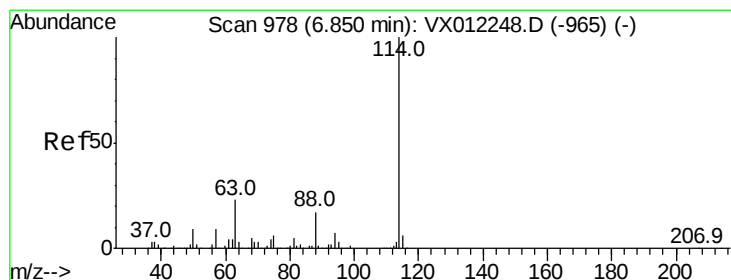
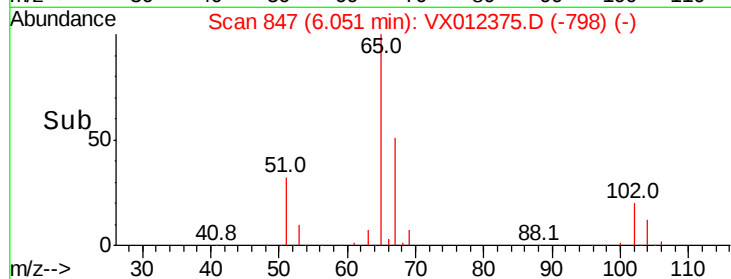
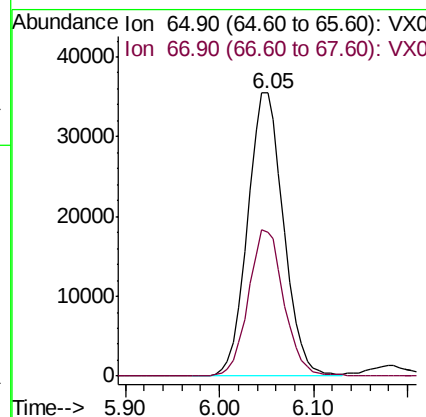
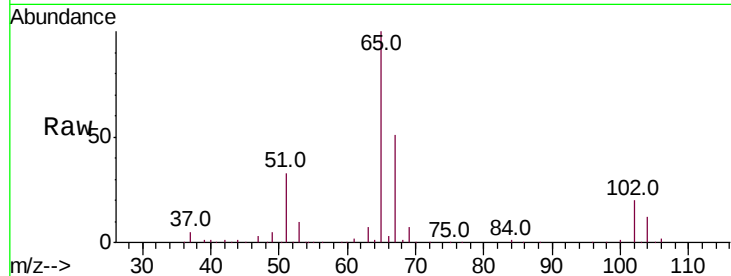




#33
 1,2-Dichloroethane-d4
 Concen: 45.199 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012375.D
 Acq: 13 Sep 2019 09:47

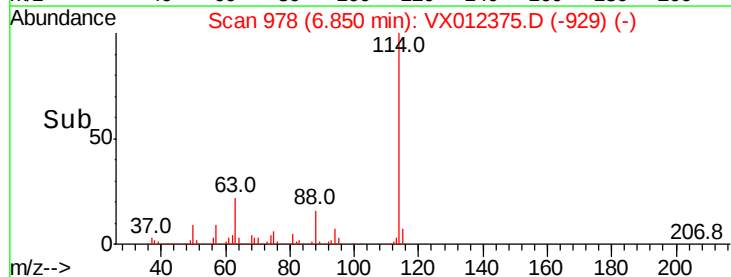
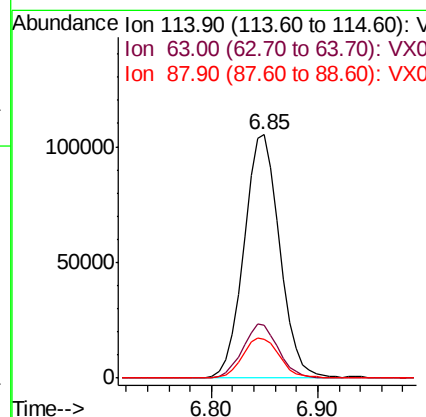
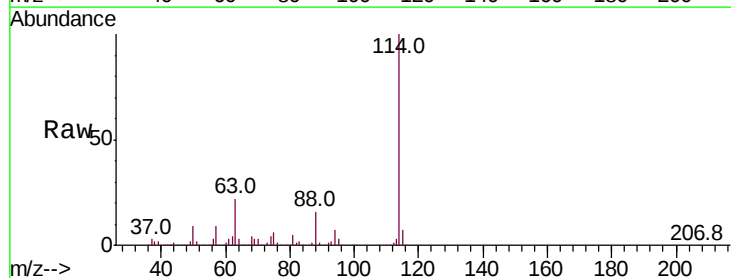
Instrument :
 MSVOA_X
 ClientSampleId :

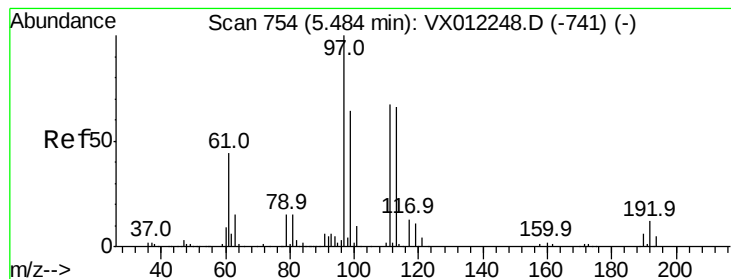
Tot Ion: 65 Resp: 94958
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012375.D
 Acq: 13 Sep 2019 09:47

Tgt Ion: 114 Resp: 247697
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 45.2
 88 16.2 0.0 34.8





#35

Dibromofluoromethane

Concen: 49.704 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

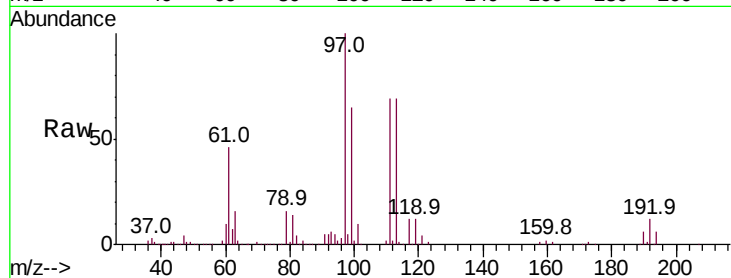
Tot Ion:113 Resp: 78922

Ion Ratio Lower Upper

113 100

111 102.3 83.0 124.6

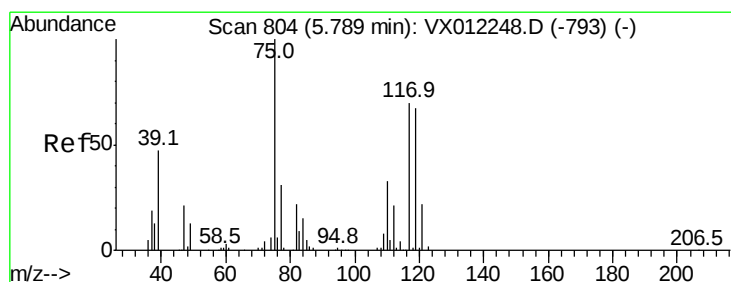
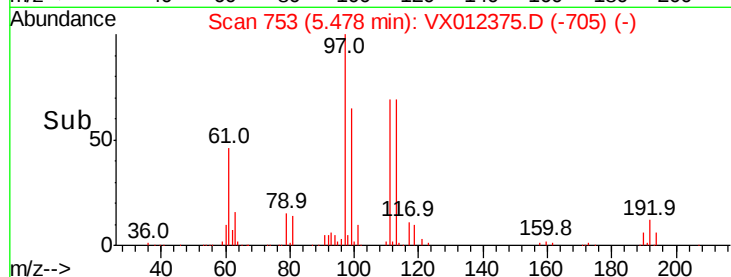
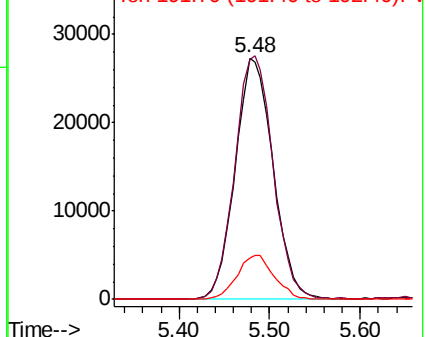
192 18.0 14.3 21.5



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: 49.095 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

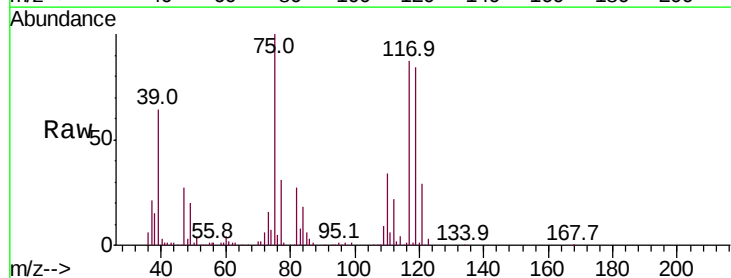
Tgt Ion: 75 Resp: 88671

Ion Ratio Lower Upper

75 100

110 35.0 16.8 50.4

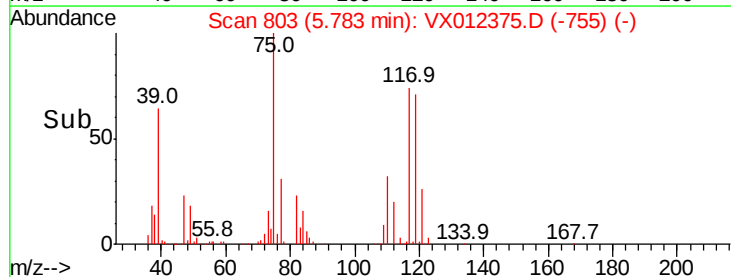
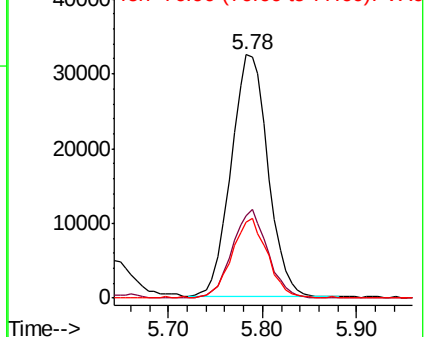
77 30.8 24.5 36.7

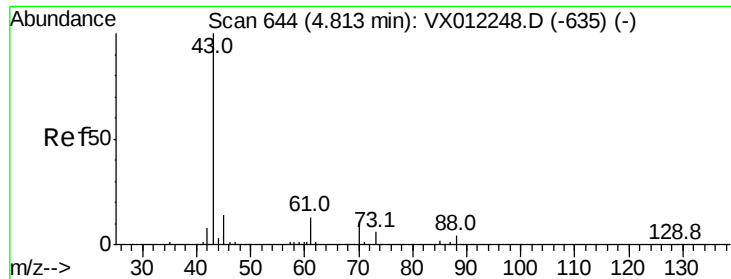


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

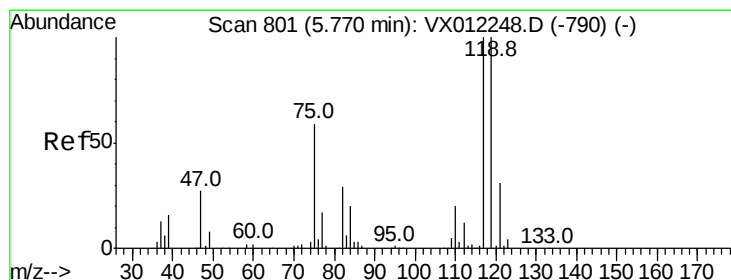
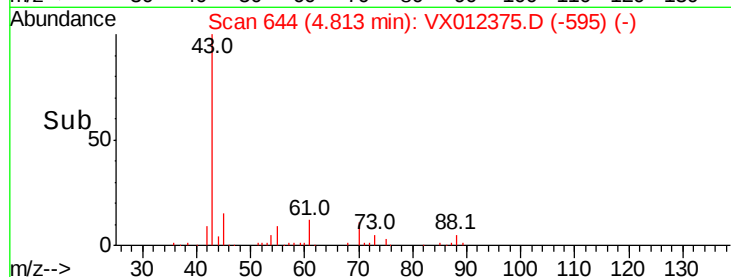
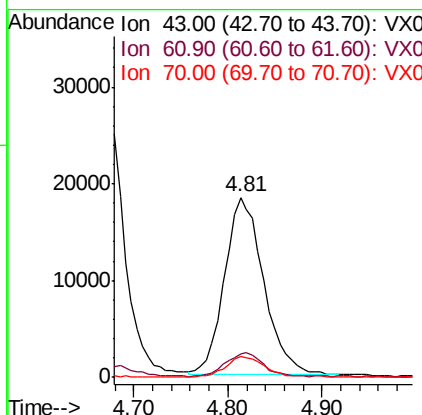
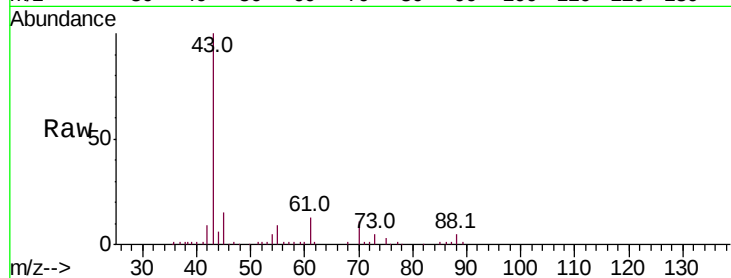




#37
Ethyl Acetate
Concen: 47.507 ug/l
RT: 4.81 min Scan# 644
Delta R.T. 0.00 min
Lab File: VX012375.D
Acq: 13 Sep 2019 09:47

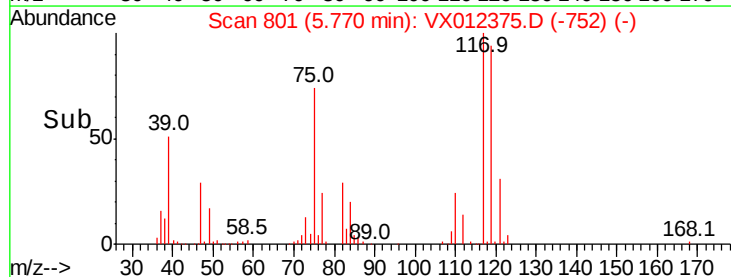
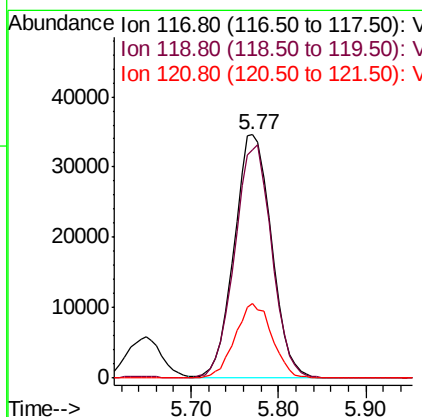
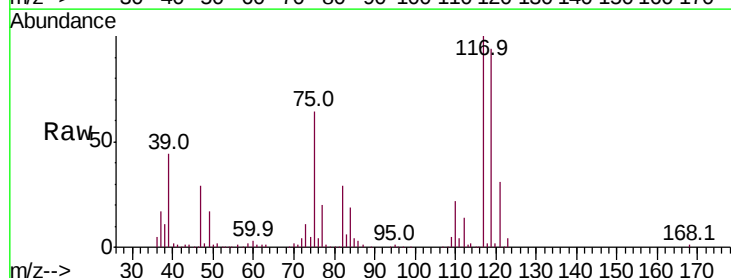
Instrument :
MSVOA_X
ClientSampleId :

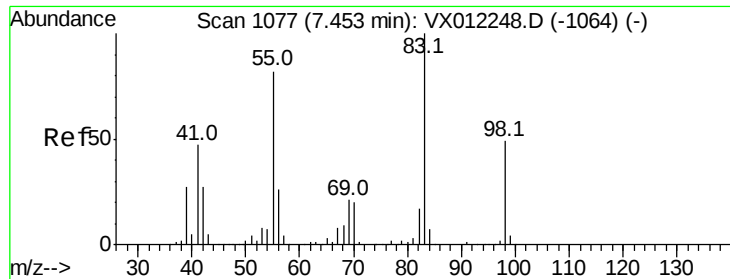
Tot Ion: 43 Resp: 53041
Ion Ratio Lower Upper
43 100
61 14.0 10.3 15.5
70 12.2 9.1 13.7



#38
Carbon Tetrachloride
Concen: 48.715 ug/l
RT: 5.77 min Scan# 801
Delta R.T. 0.00 min
Lab File: VX012375.D
Acq: 13 Sep 2019 09:47

Tgt Ion: 117 Resp: 103229
Ion Ratio Lower Upper
117 100
119 93.7 79.6 119.4
121 30.8 24.7 37.1

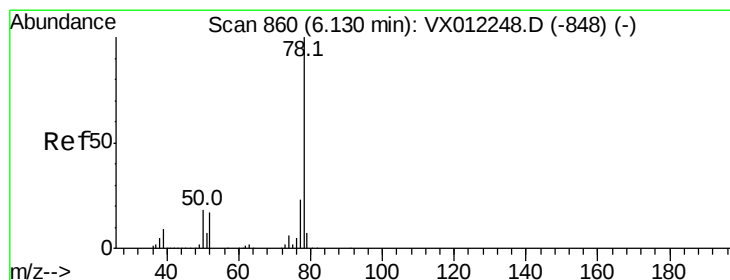
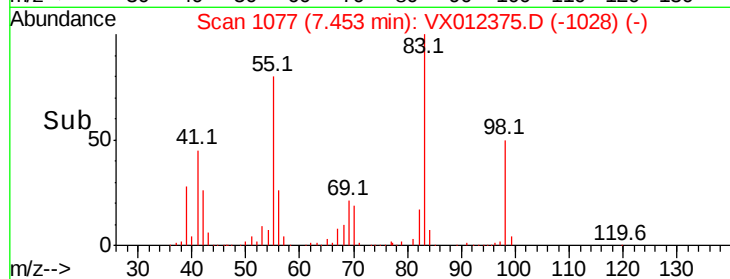
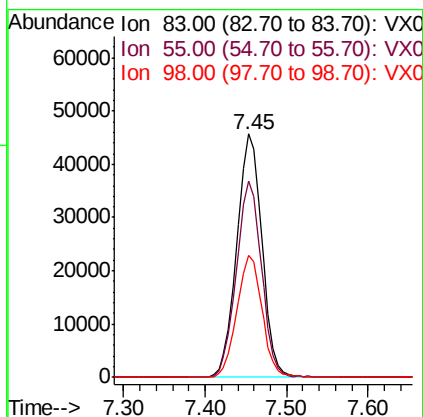
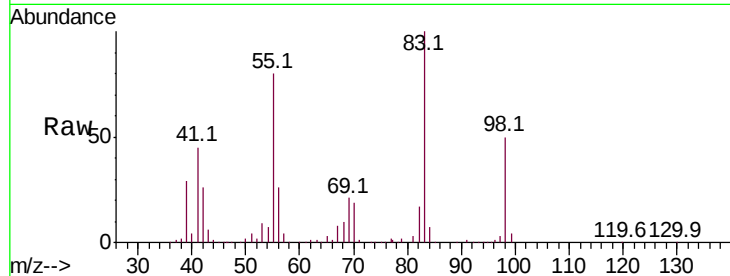




#39
Methylvlcvclohexane
Concen: 49.124 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX012375.D
Acq: 13 Sep 2019 09:47

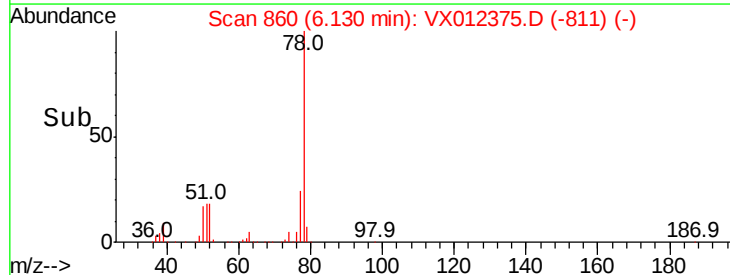
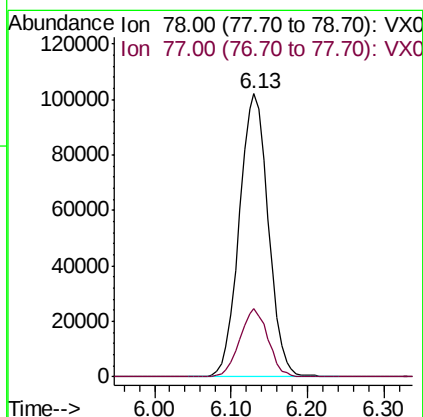
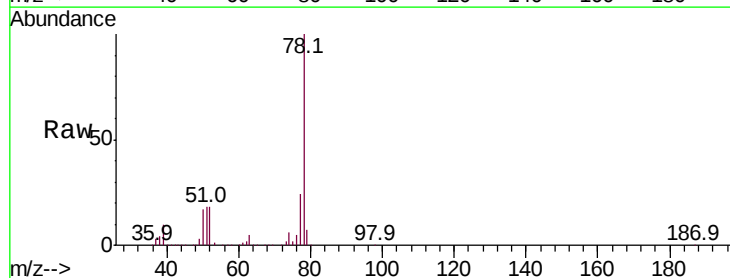
Instrument :
MSVOA_X
ClientSampleId :

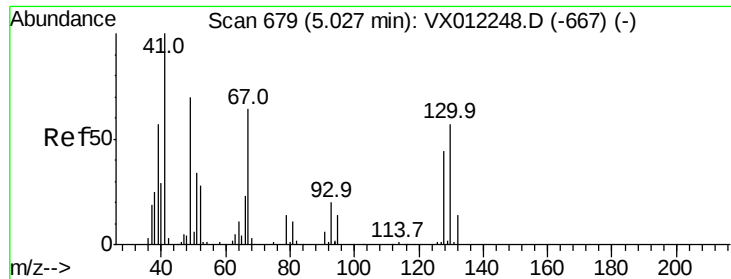
Tot Ion: 83 Resp: 97368
Ion Ratio Lower Upper
83 100
55 80.4 65.4 98.2
98 50.1 39.6 59.4



#40
Benzene
Concen: 49.152 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012375.D
Acq: 13 Sep 2019 09:47

Tgt Ion: 78 Resp: 268682
Ion Ratio Lower Upper
78 100
77 24.0 18.0 27.0

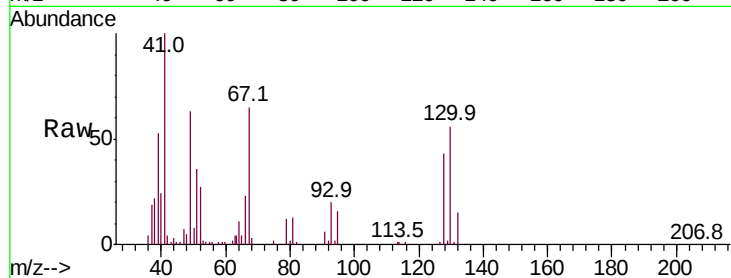




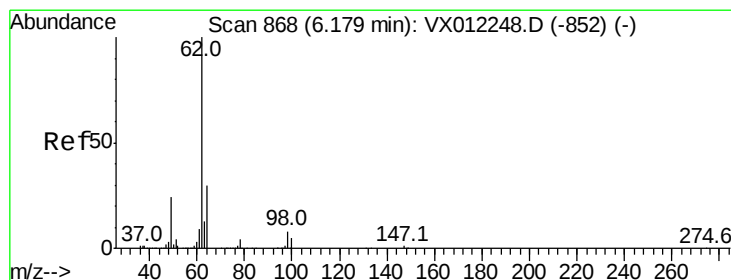
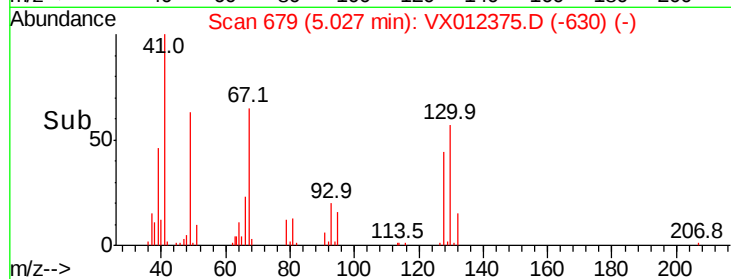
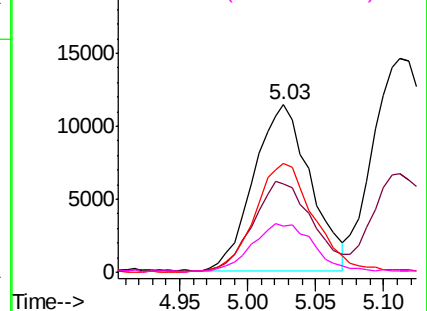
#41
Methacrylonitrile
Concen: 48.036 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012375.D
Acq: 13 Sep 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	33063
Ion	Ratio	Lower	Upper
41	100		
39	56.9	49.0	73.4
67	69.2	55.0	82.4
52	32.6	25.4	38.0

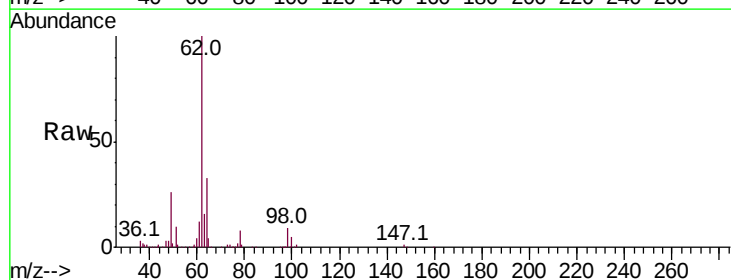


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

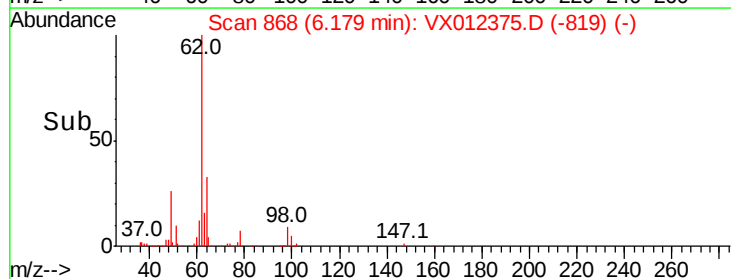
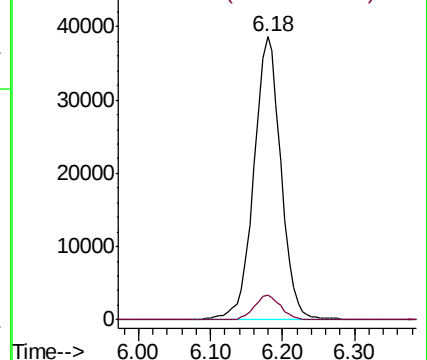


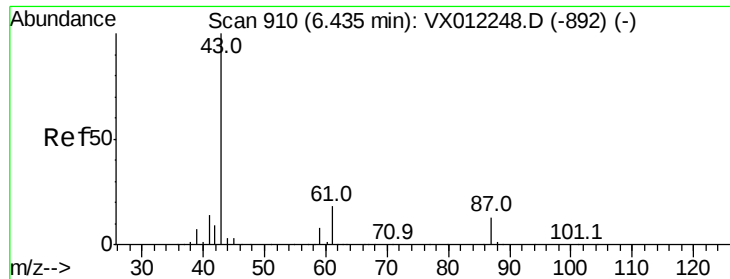
#42
1,2-Dichloroethane
Concen: 46.824 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX012375.D
Acq: 13 Sep 2019 09:47

Tgt Ion:	62	Resp:	101164
Ion	Ratio	Lower	Upper
62	100		
98	8.5	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: 46.143 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

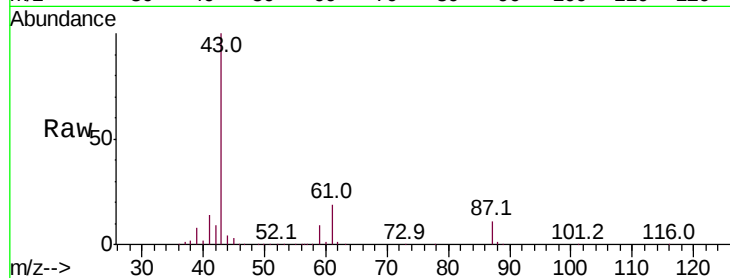
Tot Ion: 43 Resp: 108615

Ion Ratio Lower Upper

43 100

61 19.4 15.4 23.2

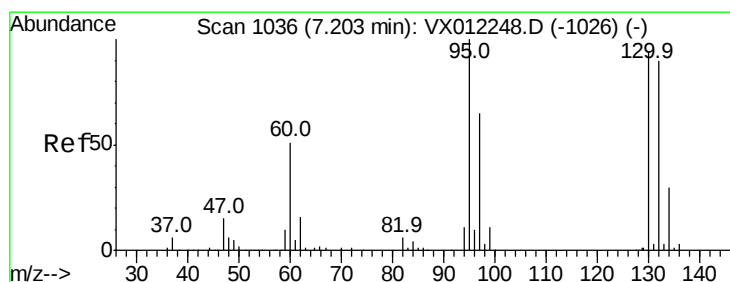
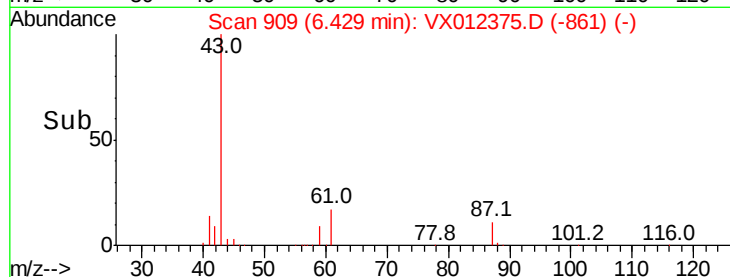
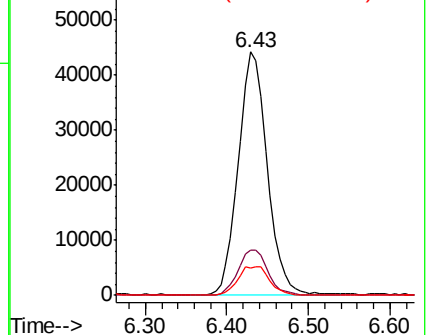
87 13.0 10.5 15.7



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: 49.657 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012375.D

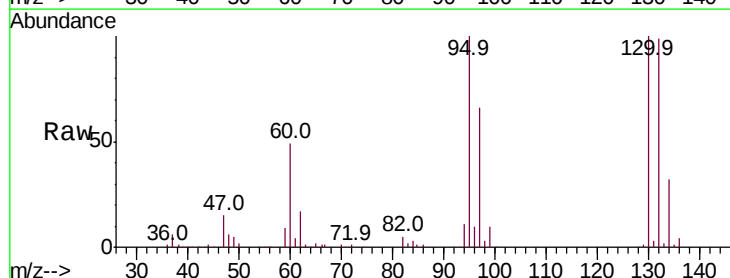
Acq: 13 Sep 2019 09:47

Tgt Ion:130 Resp: 73461

Ion Ratio Lower Upper

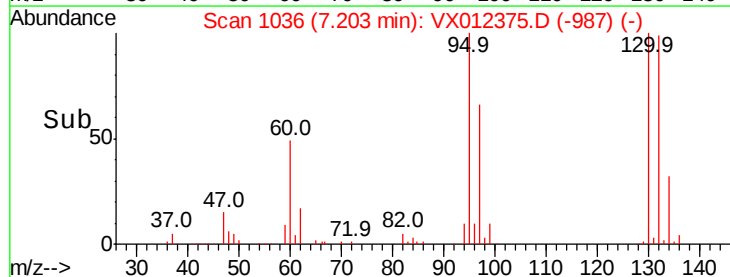
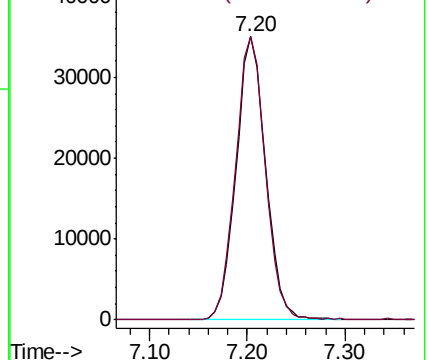
130 100

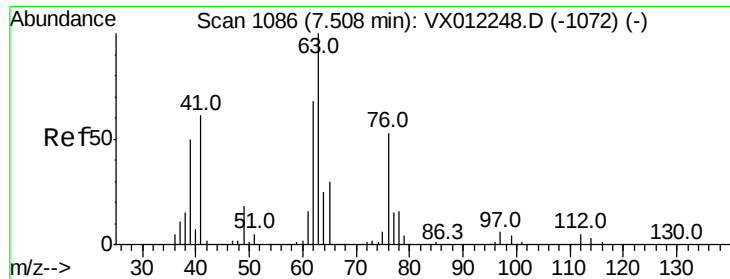
95 99.9 0.0 212.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 48.401 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

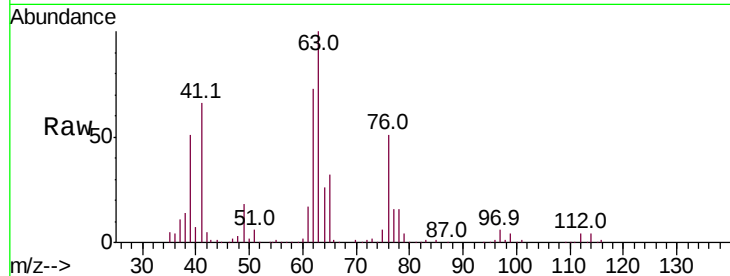
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 63 Resp: 73234

Ion Ratio Lower Upper

63 100

65 31.8 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

40000

30000

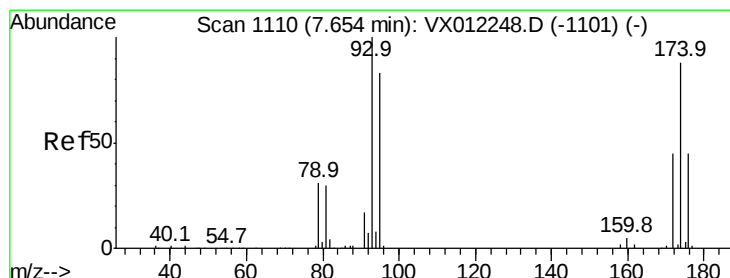
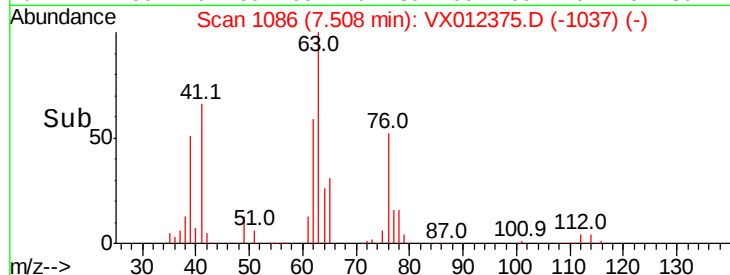
20000

10000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 48.582 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

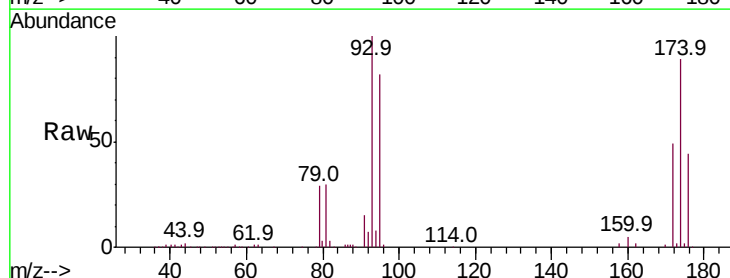
Tgt Ion: 93 Resp: 40175

Ion Ratio Lower Upper

93 100

95 84.1 65.7 98.5

174 93.2 71.0 106.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

25000

20000

15000

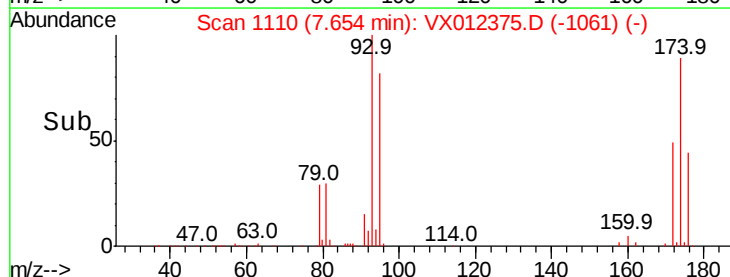
10000

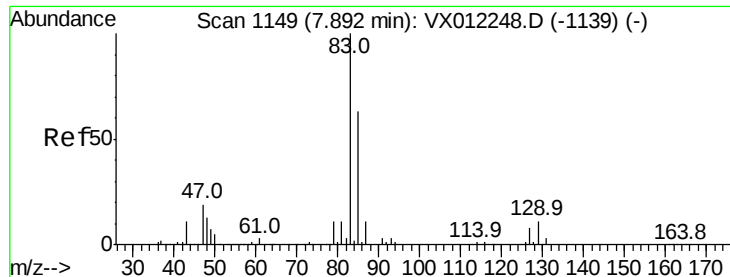
5000

0

Time-->

7.60 7.70





#47

Bromodichloromethane

Concen: 47.947 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

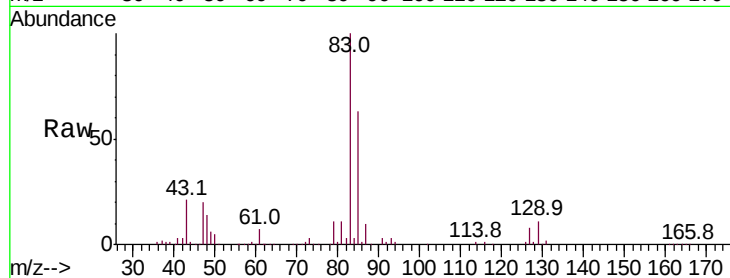
Tot Ion: 83 Resp: 108204

Ion Ratio Lower Upper

83 100

85 63.1 50.2 75.4

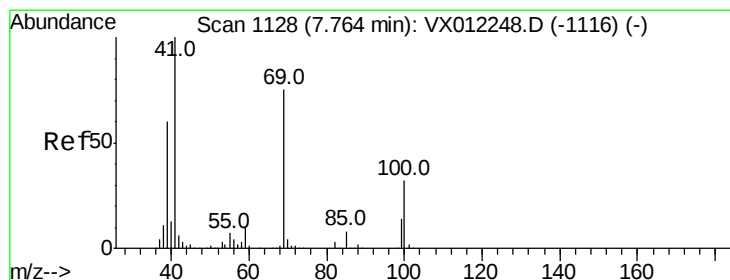
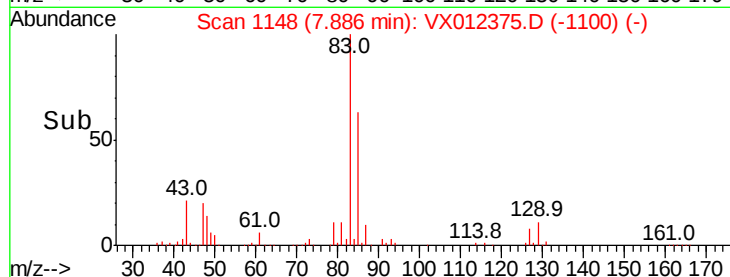
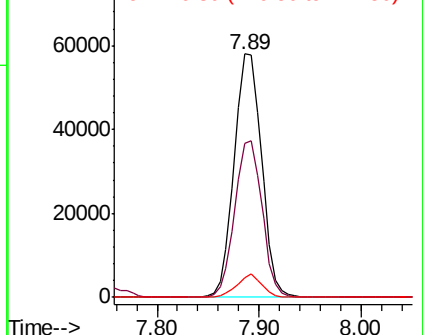
127 8.0 6.3 9.5



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: 47.074 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

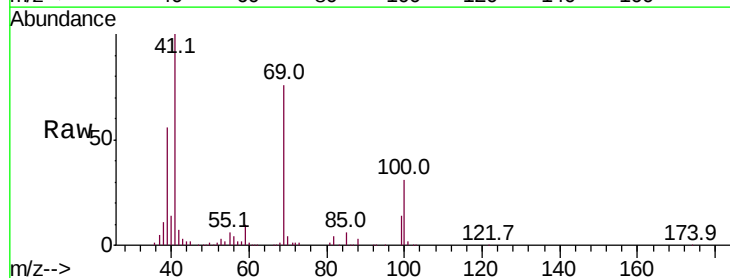
Tgt Ion: 41 Resp: 53038

Ion Ratio Lower Upper

41 100

69 76.4 61.8 92.6

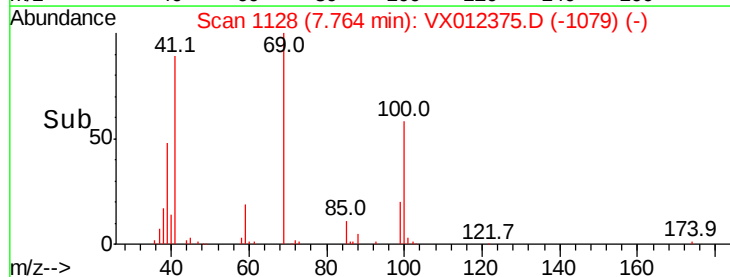
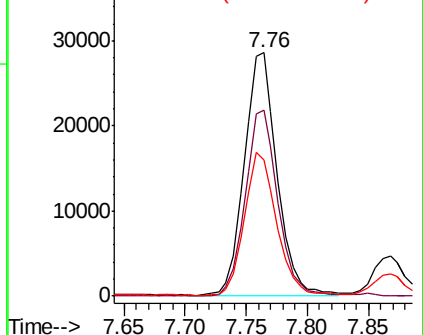
39 57.5 48.6 73.0

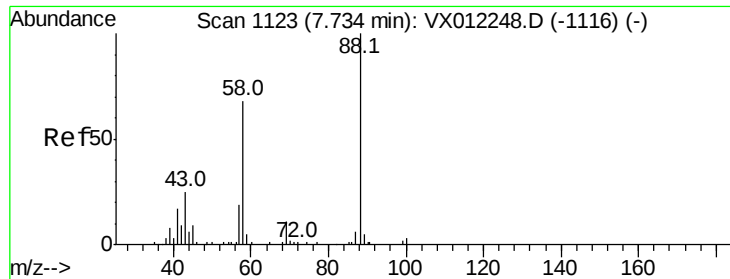


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

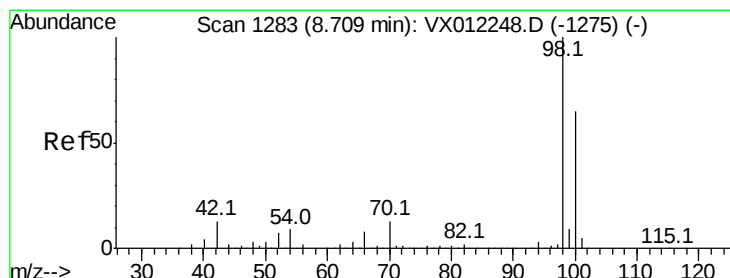
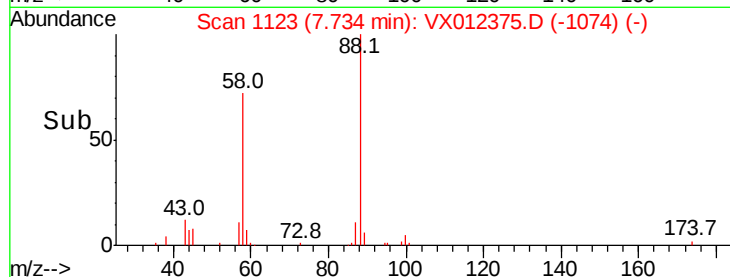
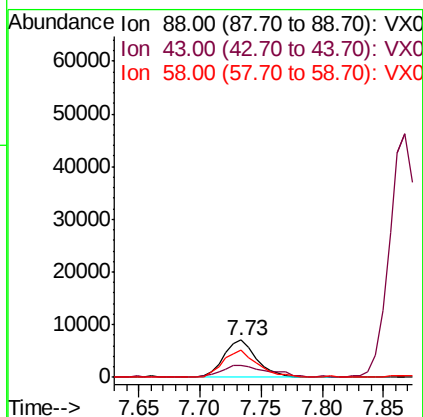
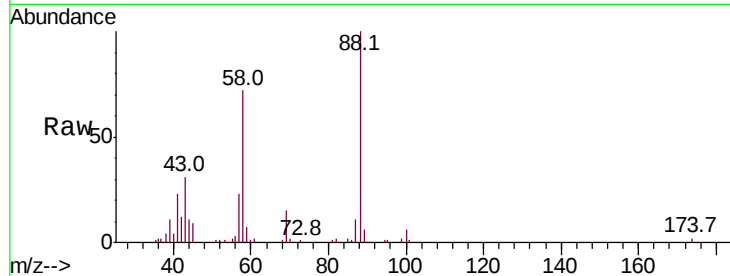




#49
1,4-Dioxane
Concen: 876.769 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012375.D
Acq: 13 Sep 2019 09:47

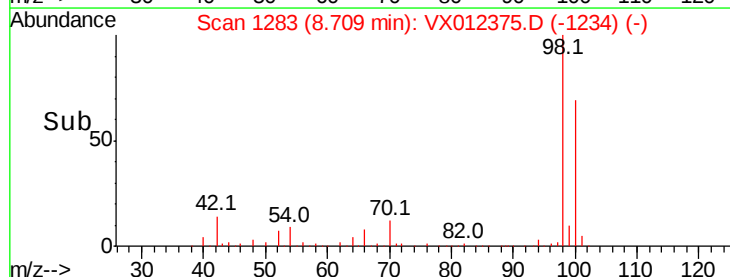
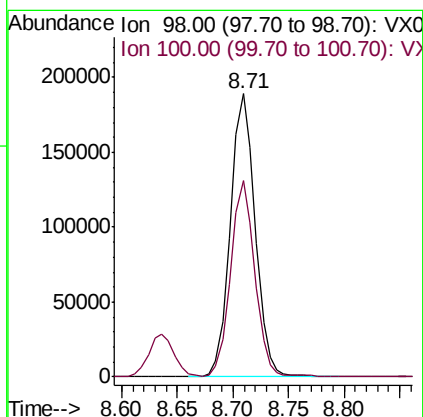
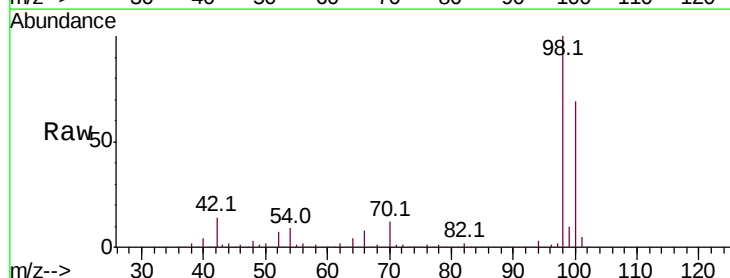
Instrument :
MSVOA_X
ClientSampleId :

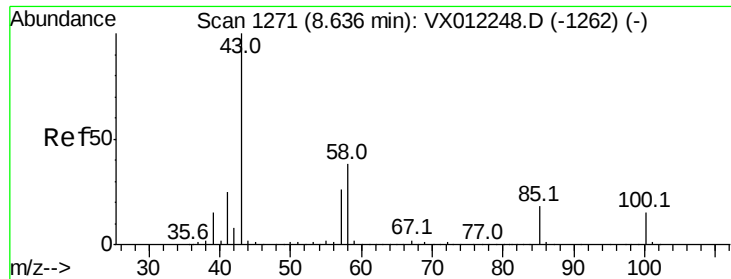
Tot Ion: 88 Resp: 13330
Ion Ratio Lower Upper
88 100
43 40.7 31.0 46.4
58 75.1 61.5 92.3



#50
Toluene-d8
Concen: 52.272 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012375.D
Acq: 13 Sep 2019 09:47

Tgt Ion: 98 Resp: 291108
Ion Ratio Lower Upper
98 100
100 67.7 54.1 81.1





#51

4-Methyl-2-Pentanone

Concen: 233.453 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

Instrument :

MSVOA_X

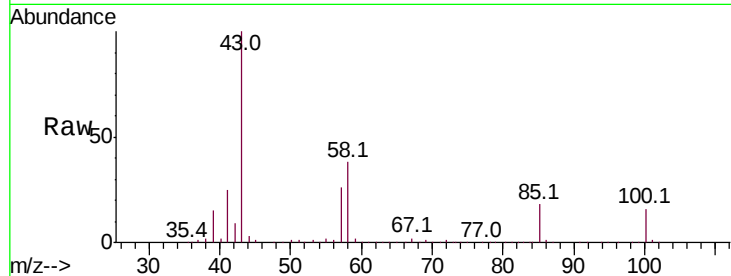
ClientSampleId :

Tot Ion: 43 Resp: 290024

Ion Ratio Lower Upper

43 100

58 37.8 30.1 45.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

200000

150000

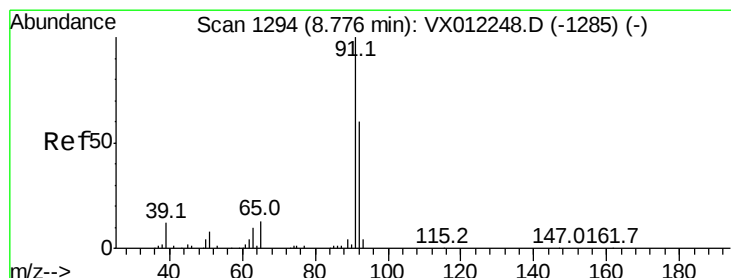
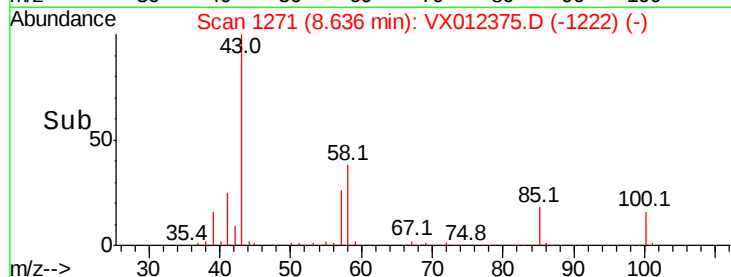
100000

50000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 48.336 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX012375.D

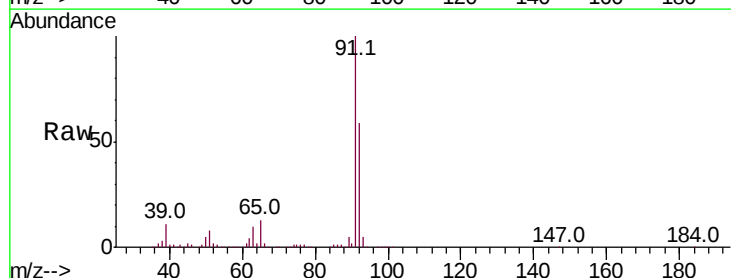
Acq: 13 Sep 2019 09:47

Tgt Ion: 92 Resp: 174523

Ion Ratio Lower Upper

92 100

91 170.5 133.6 200.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

200000

150000

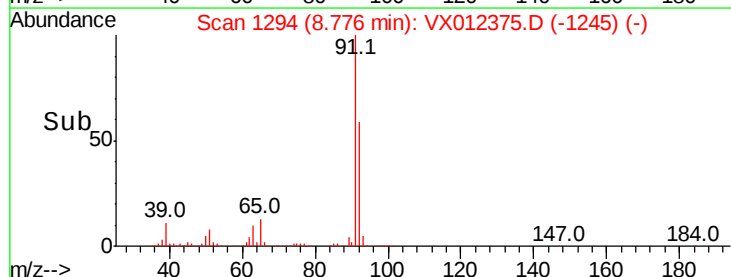
100000

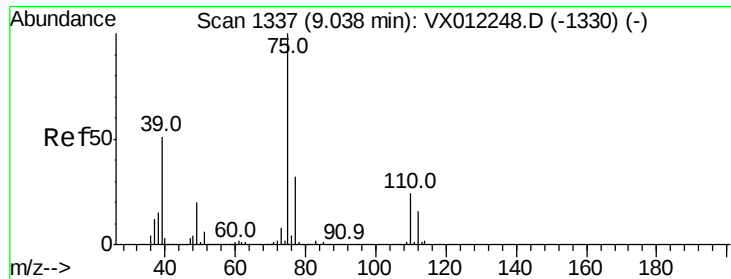
50000

0

8.70 8.80 8.90

Time-->

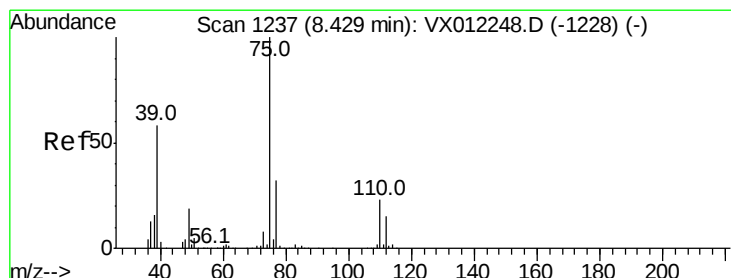
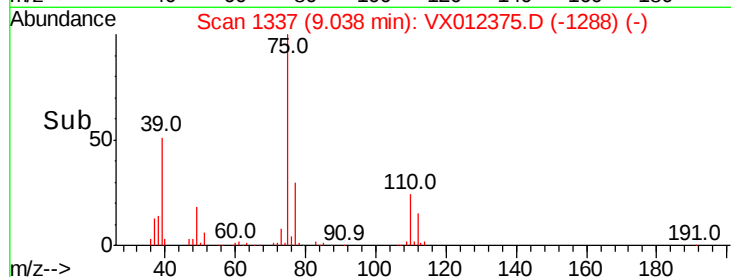
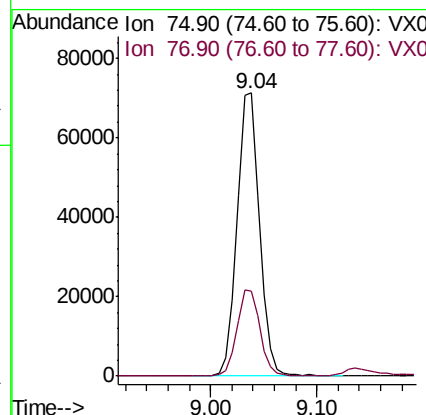
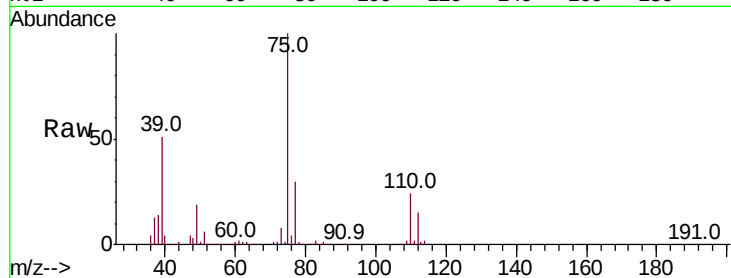




#53
t-1,3-Dichloropropene
Concen: 47.186 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012375.D
Acq: 13 Sep 2019 09:47

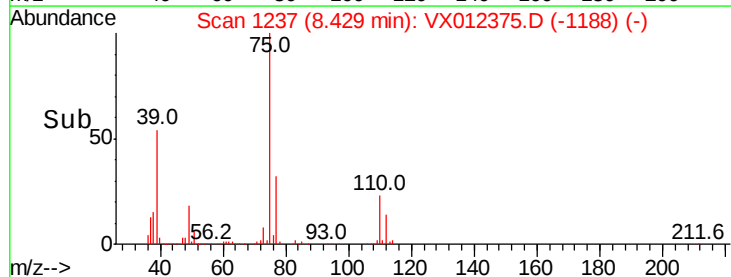
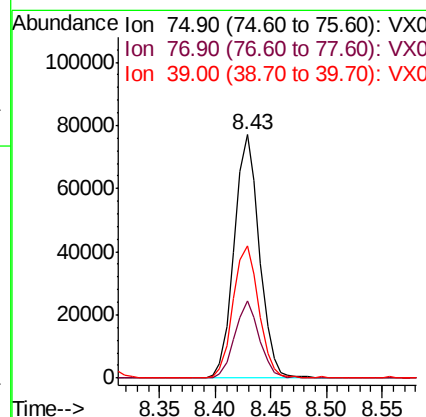
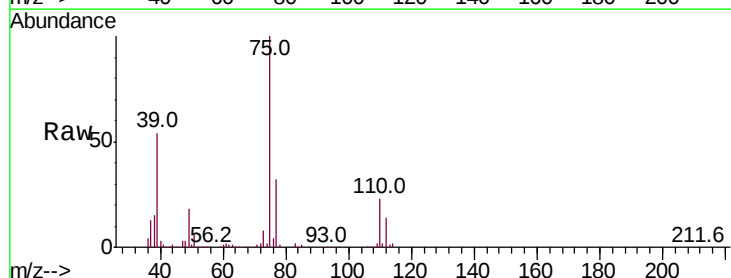
Instrument :
MSVOA_X
ClientSampleId :

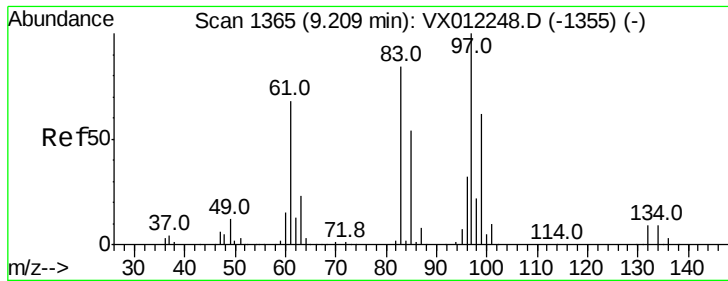
Tot Ion: 75 Resp: 106283
Ion Ratio Lower Upper
75 100
77 30.0 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 48.438 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012375.D
Acq: 13 Sep 2019 09:47

Tgt Ion: 75 Resp: 120983
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2
39 53.9 46.5 69.7

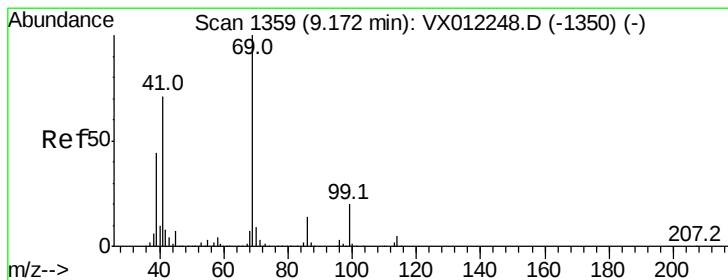
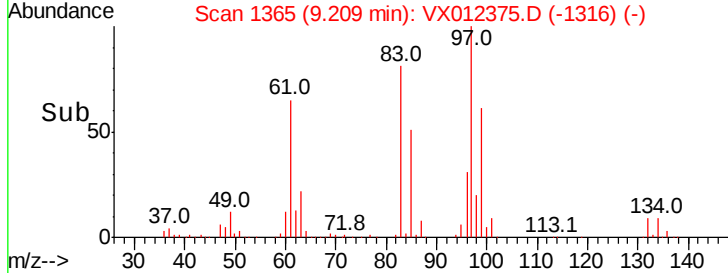
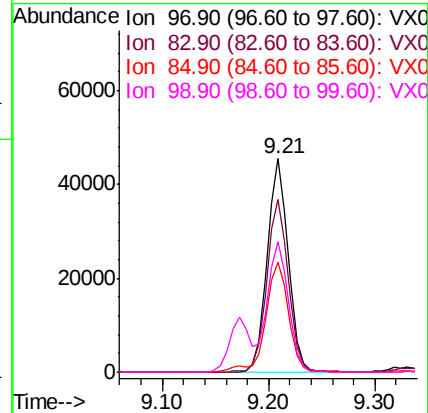
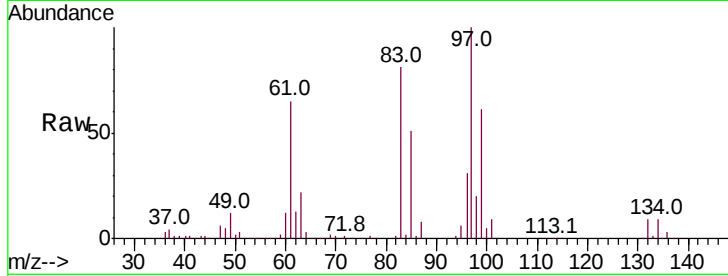




#55
1,1,2-Trichloroethane
Concen: 49.501 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX012375.D
Acq: 13 Sep 2019 09:47

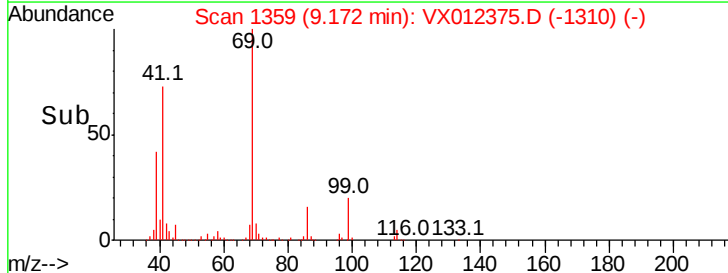
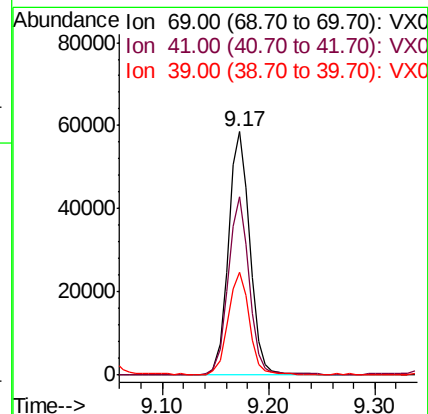
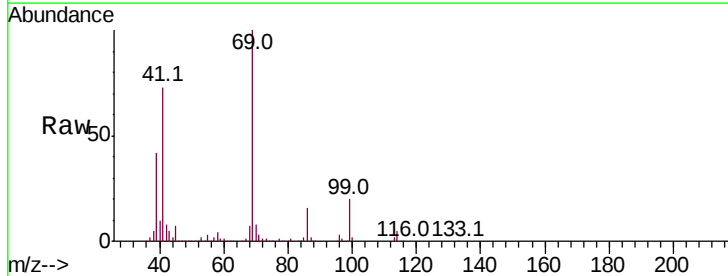
Instrument :
MSVOA_X
ClientSampleId :

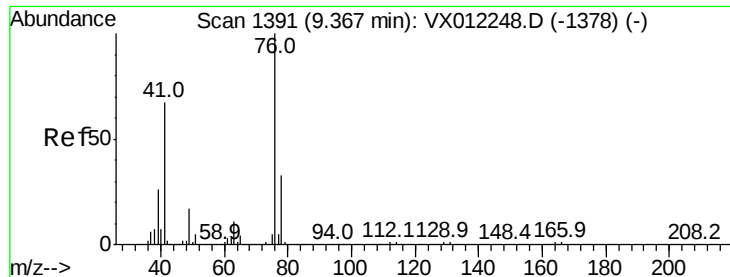
Tot Ion:	97	Resp:	63419
Ion	Ratio	Lower	Upper
97	100		
83	80.8	67.4	101.2
85	51.2	43.4	65.2
99	61.2	49.8	74.6



#56
Ethyl methacrylate
Concen: 47.805 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX012375.D
Acq: 13 Sep 2019 09:47

Tgt Ion:	69	Resp:	82926
Ion	Ratio	Lower	Upper
69	100		
41	71.2	57.7	86.5
39	40.9	34.0	51.0





#57

1,3-Dichloropropane

Concen: 48.625 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

Instrument :

MSVOA_X

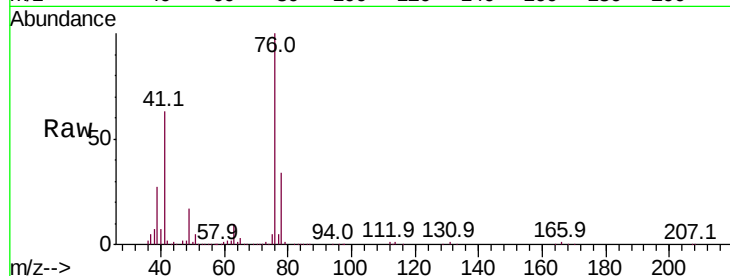
ClientSampleId :

Tot Ion: 76 Resp: 106400

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

80000

60000

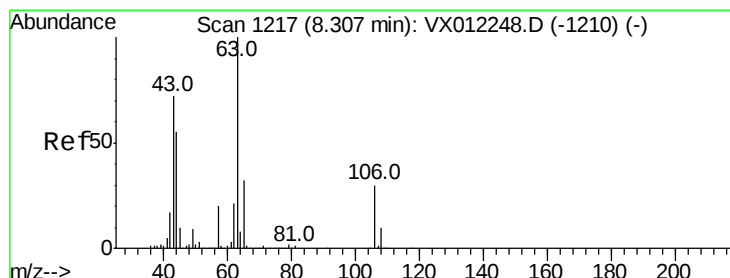
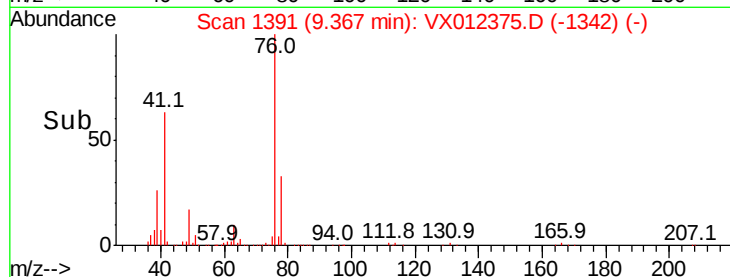
40000

20000

0

9.25 9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 238.949 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012375.D

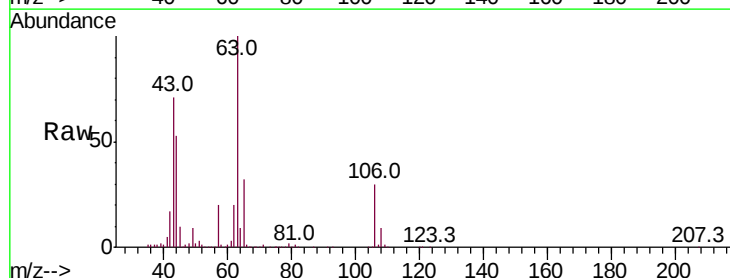
Acq: 13 Sep 2019 09:47

Tgt Ion: 63 Resp: 212442

Ion Ratio Lower Upper

63 100

106 29.4 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

150000

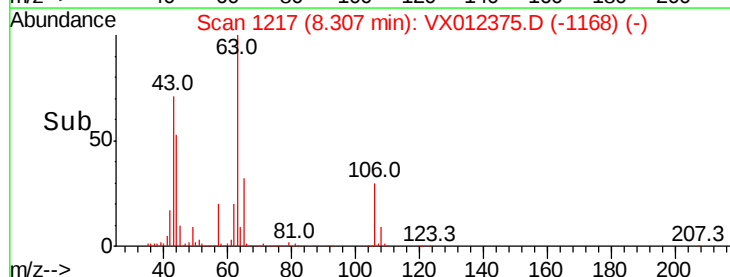
100000

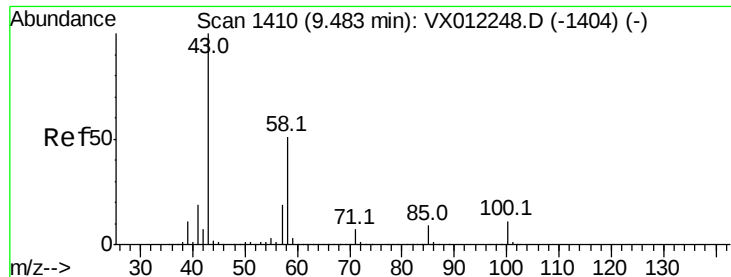
50000

0

8.20 8.25 8.30 8.35 8.40

Time-->

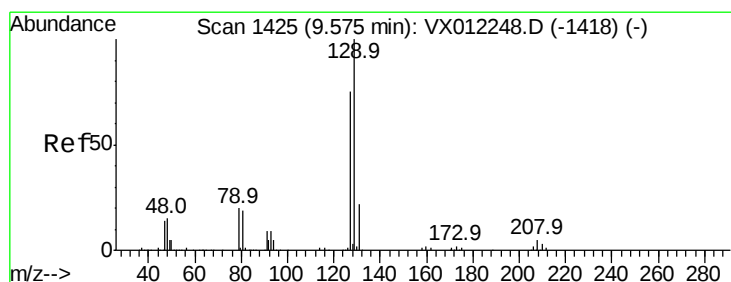
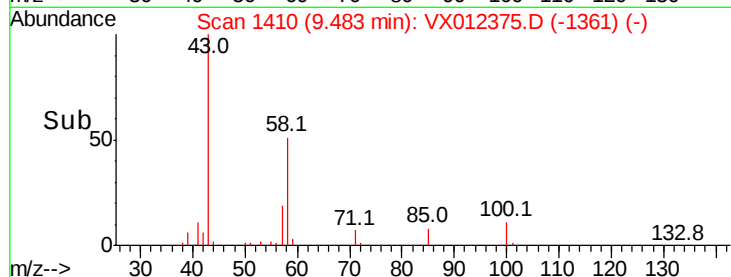
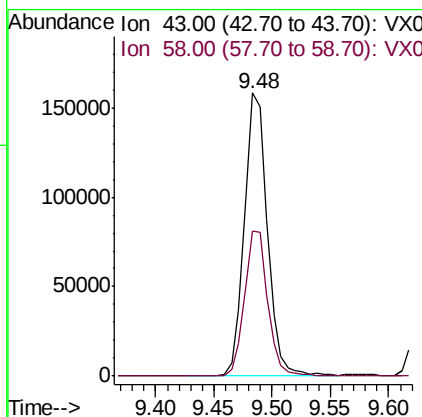
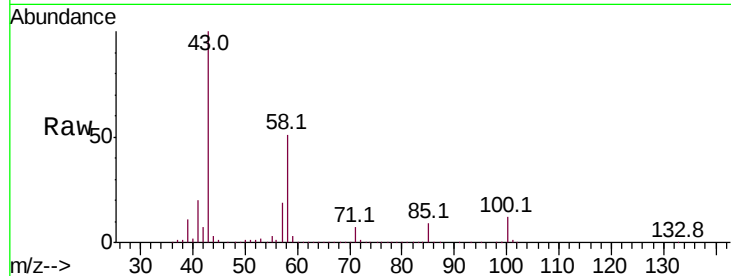




#59
2-Hexanone
Concen: 254.287 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX012375.D
Acq: 13 Sep 2019 09:47

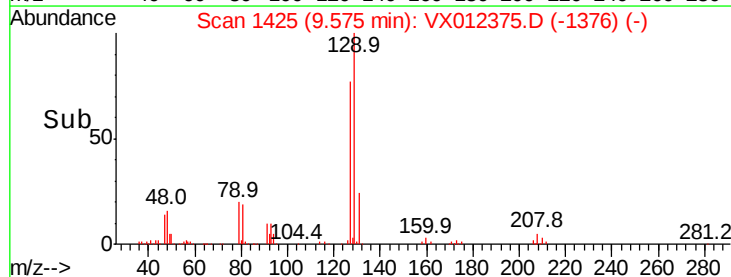
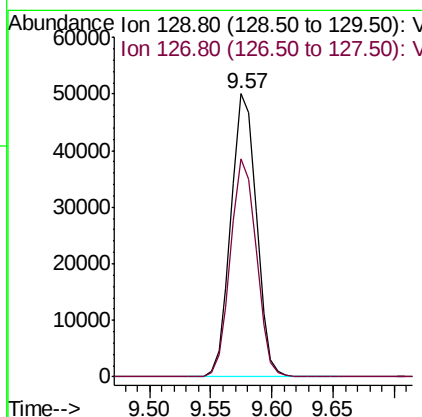
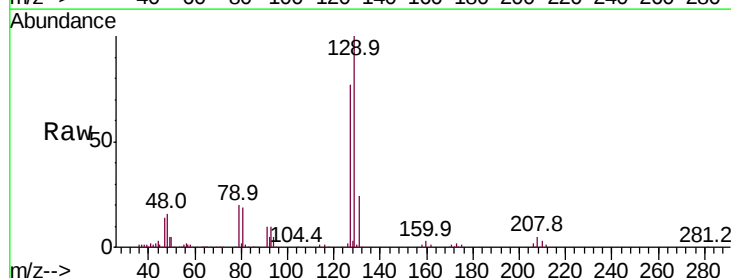
Instrument :
MSVOA_X
ClientSampleId :

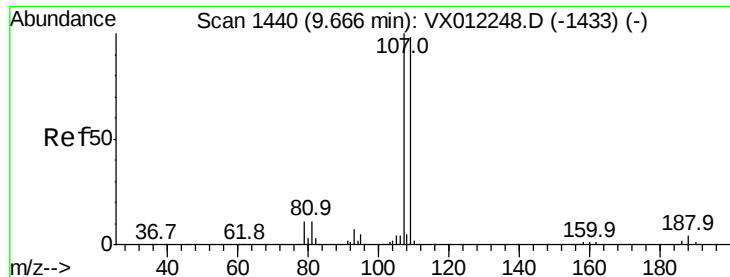
Tot Ion: 43 Resp: 219652
Ion Ratio Lower Upper
43 100
58 52.3 25.8 77.3



#60
Dibromochloromethane
Concen: 48.327 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX012375.D
Acq: 13 Sep 2019 09:47

Tgt Ion: 129 Resp: 72280
Ion Ratio Lower Upper
129 100
127 77.7 38.1 114.3





#61

1,2-Dibromoethane

Concen: 48.401 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

Instrument :

MSVOA_X

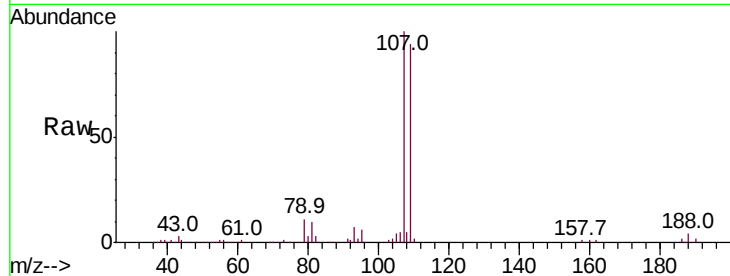
ClientSampleId :

Tot Ion:107 Resp: 57722

Ion Ratio Lower Upper

107 100

109 92.9 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

40000

30000

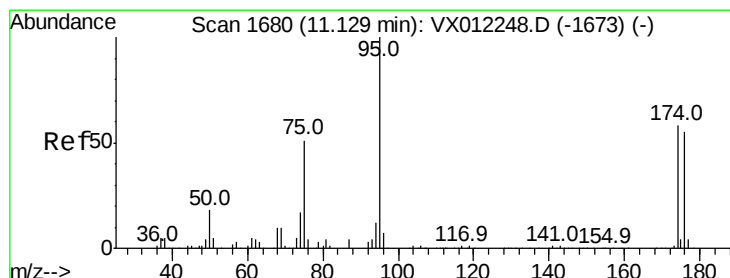
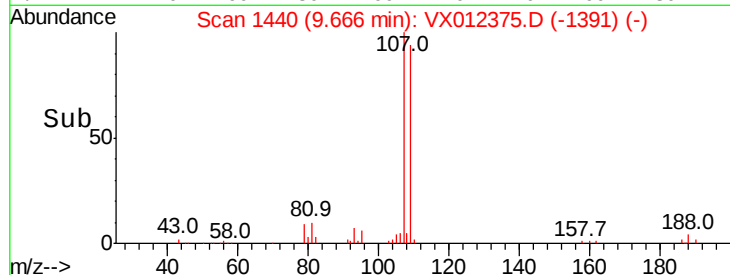
20000

10000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 46.389 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

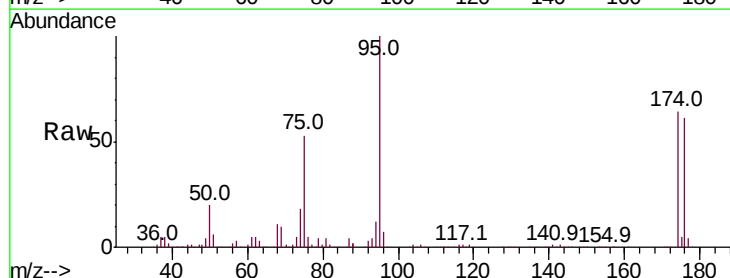
Tgt Ion: 95 Resp: 119769

Ion Ratio Lower Upper

95 100

174 70.0 0.0 127.0

176 67.5 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

120000

100000

80000

60000

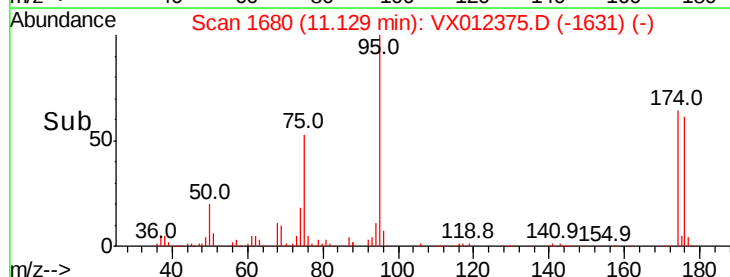
40000

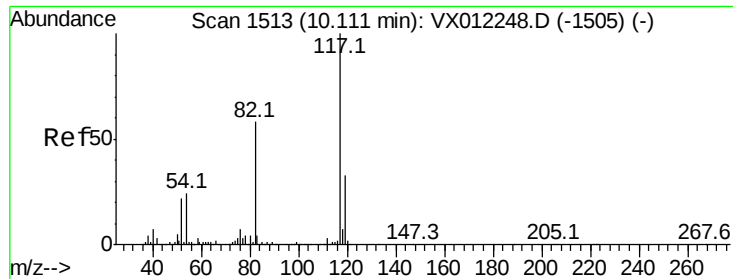
20000

0

11.10 11.13 11.16 11.19 11.22

Time-->

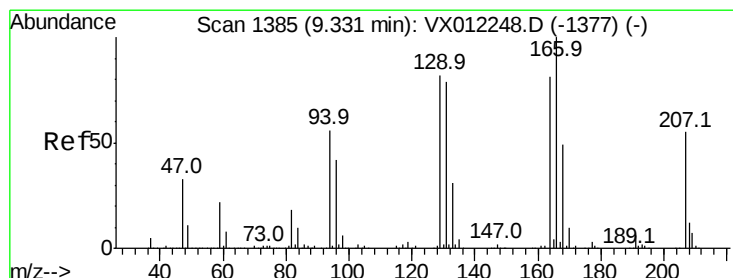
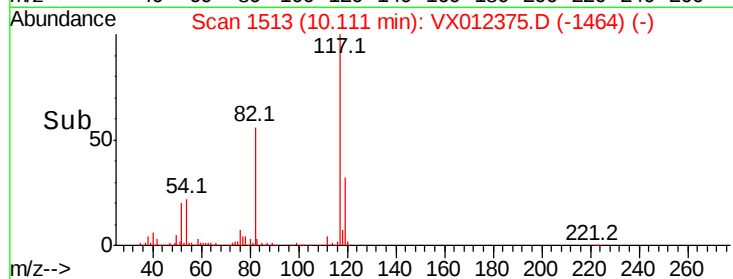
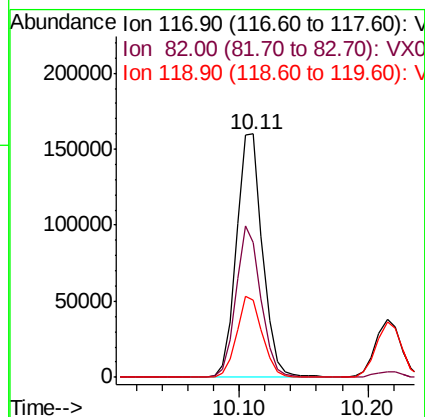
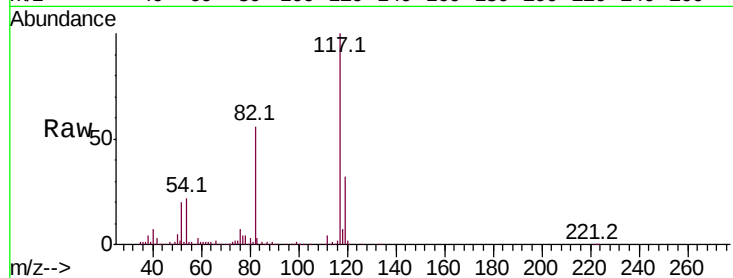




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012375.D
Acq: 13 Sep 2019 09:47

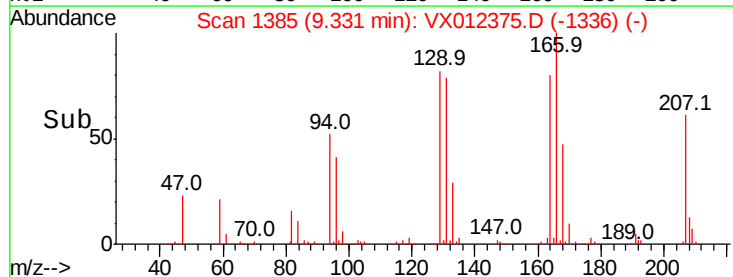
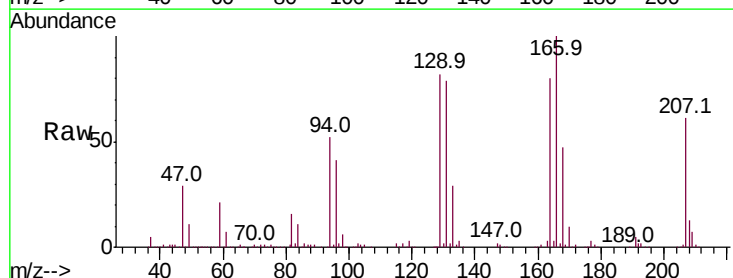
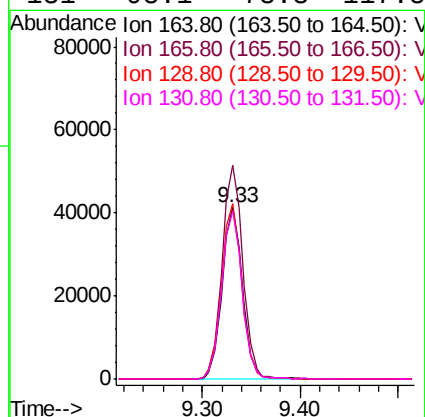
Instrument :
MSVOA_X
ClientSampleId :

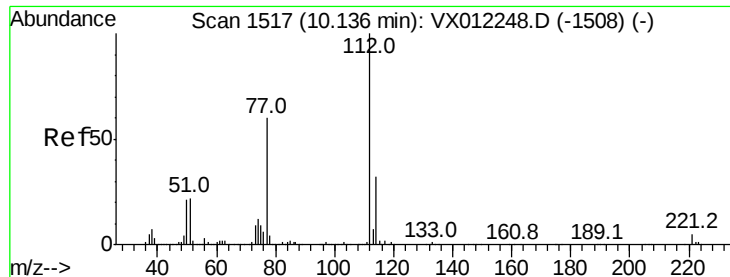
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	46.4	69.6
119	31.7	26.6	39.8



#64
Tetrachloroethene
Concen: 50.044 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012375.D
Acq: 13 Sep 2019 09:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.7	99.4	149.0
129	102.1	81.8	122.8
131	98.1	78.3	117.5

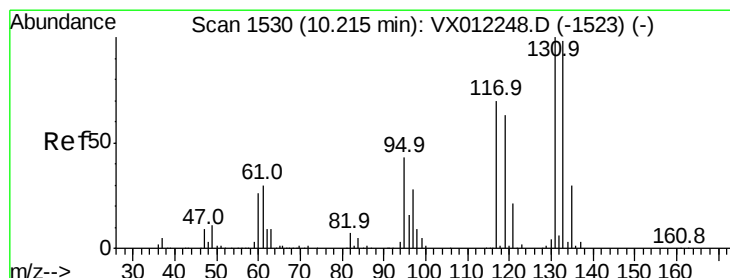
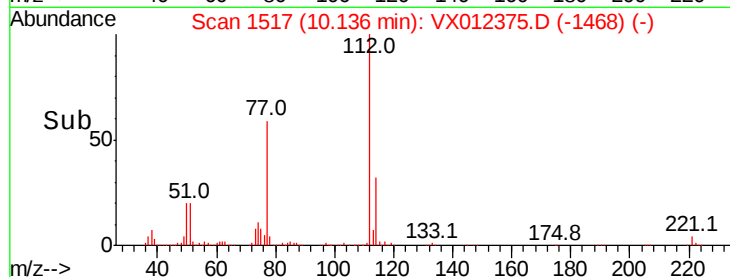
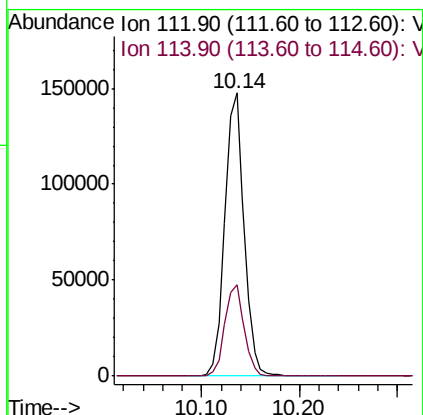
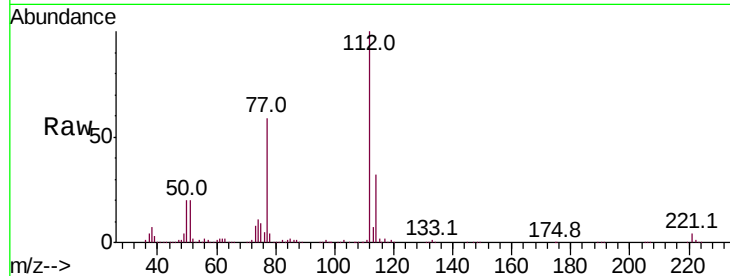




#65
Chlorobenzene
Concen: 49.082 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012375.D
Acq: 13 Sep 2019 09:47

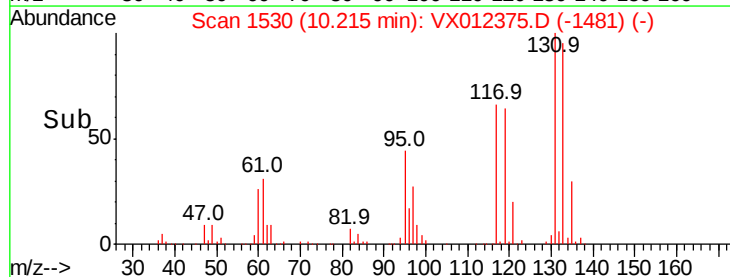
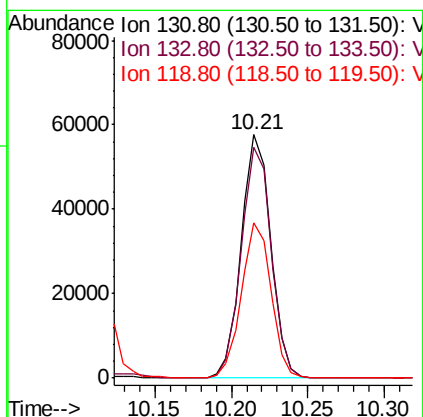
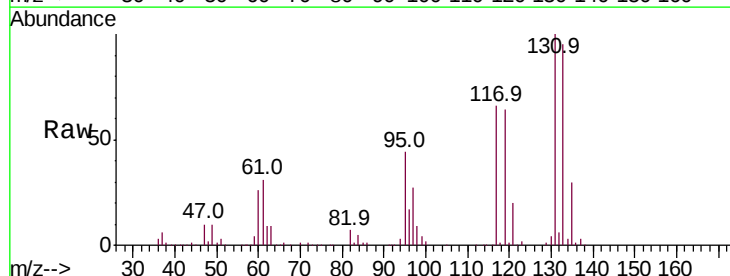
Instrument :
MSVOA_X
ClientSampleId :

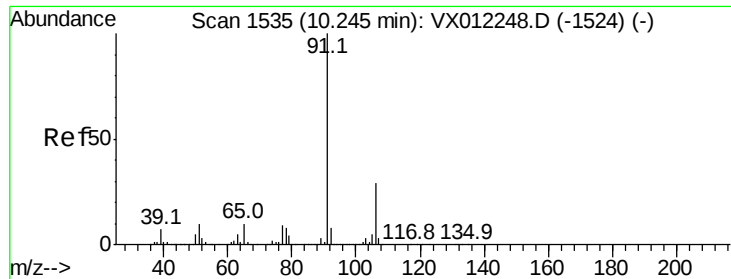
Tot Ion:112 Resp: 202135
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.975 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX012375.D
Acq: 13 Sep 2019 09:47

Tgt Ion:131 Resp: 77584
Ion Ratio Lower Upper
131 100
133 96.6 48.0 144.2
119 63.7 31.6 95.0

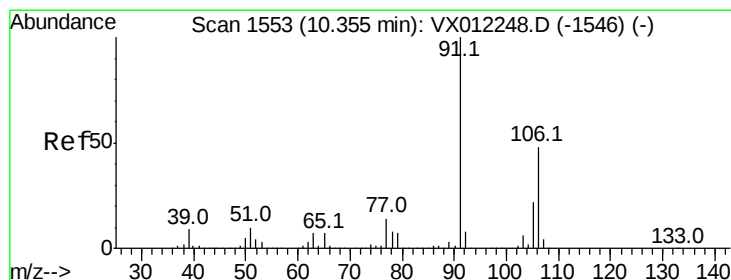
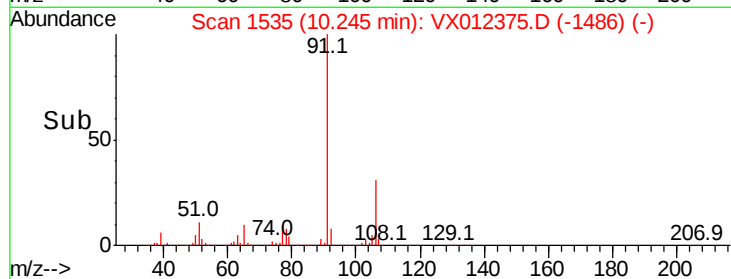
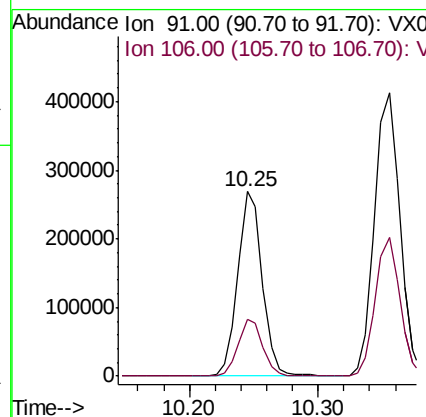
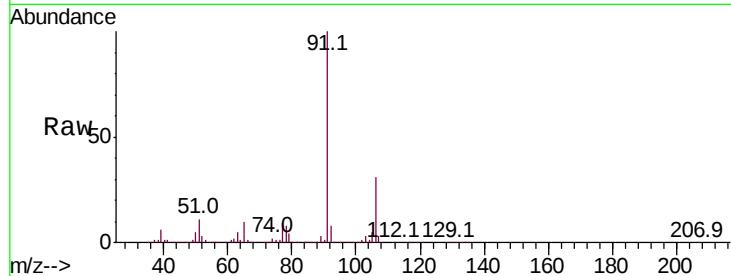




#67
Ethyl Benzene
Concen: 49.058 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012375.D
Acq: 13 Sep 2019 09:47

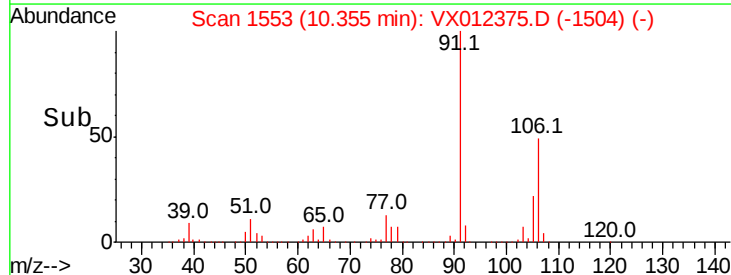
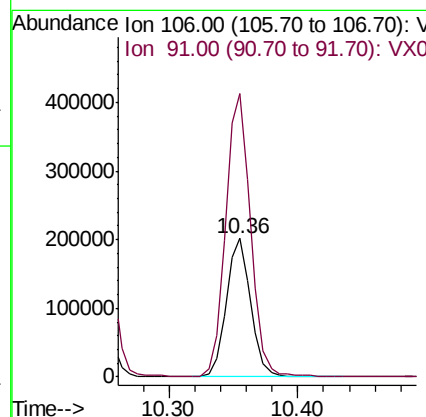
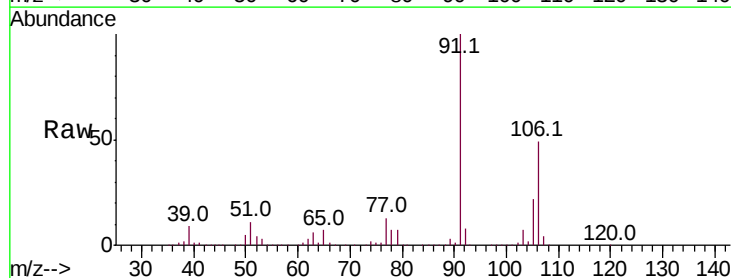
Instrument :
MSVOA_X
ClientSampleId :

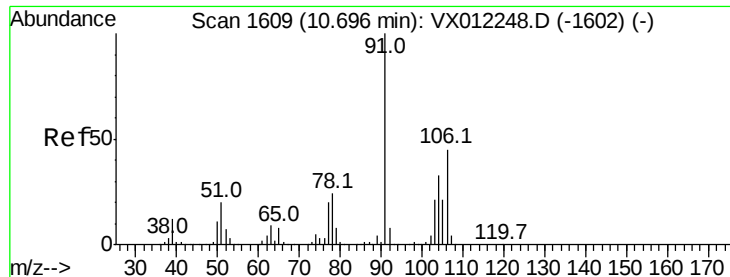
Tot Ion: 91 Resp: 359332
Ion Ratio Lower Upper
91 100
106 30.5 23.1 34.7



#68
m/p-Xylenes
Concen: 99.713 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012375.D
Acq: 13 Sep 2019 09:47

Tgt Ion: 106 Resp: 268858
Ion Ratio Lower Upper
106 100
91 209.1 167.0 250.6

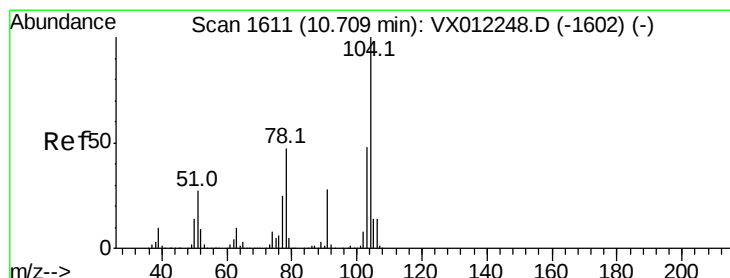
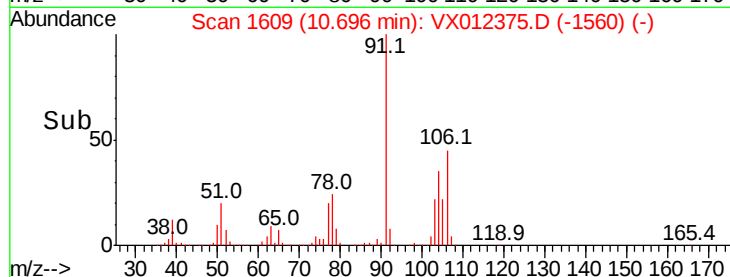
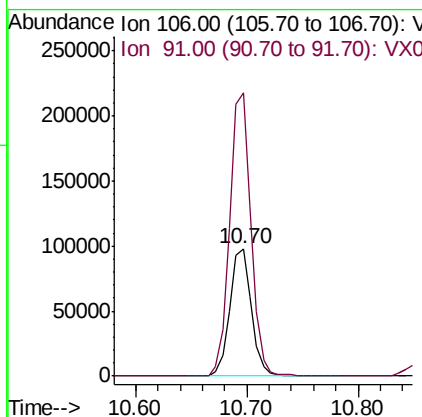
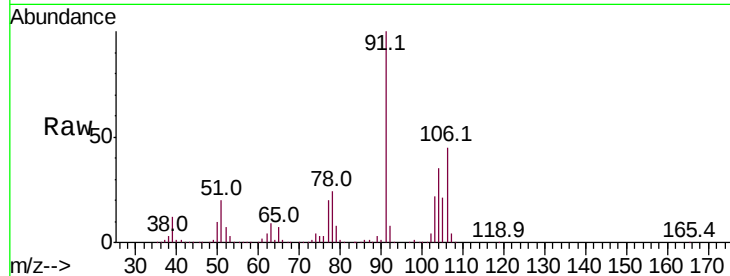




#69
o-Xylene
Concen: 49.407 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012375.D
Acq: 13 Sep 2019 09:47

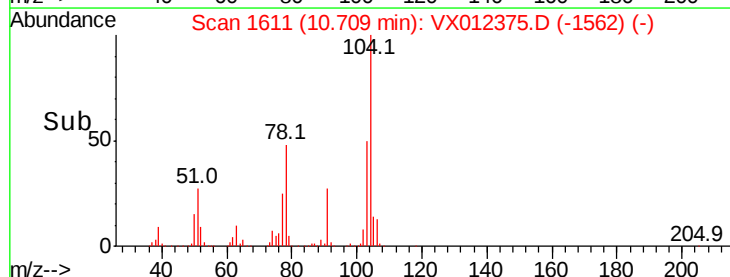
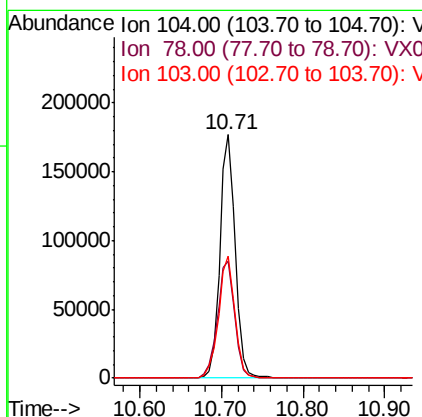
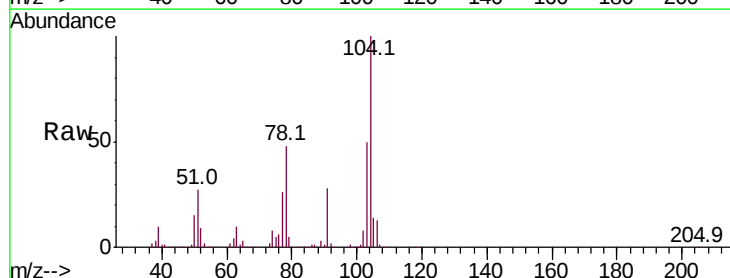
Instrument :
MSVOA_X
ClientSampled :

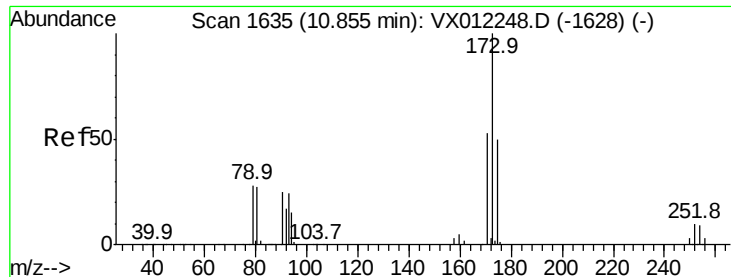
Tot Ion:106 Resp: 130500
Ion Ratio Lower Upper
106 100
91 220.4 110.5 331.4



#70
Styrene
Concen: 49.672 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012375.D
Acq: 13 Sep 2019 09:47

Tgt Ion:104 Resp: 232687
Ion Ratio Lower Upper
104 100
78 54.5 44.2 66.2
103 53.7 42.5 63.7





#71

Bromoform

Concen: 48.369 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

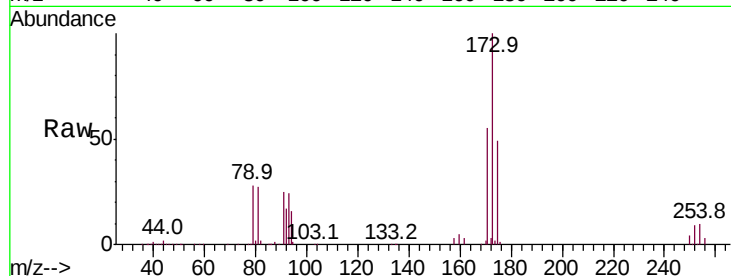
Tot Ion:173 Resp: 38939

Ion Ratio Lower Upper

173 100

175 48.3 24.5 73.5

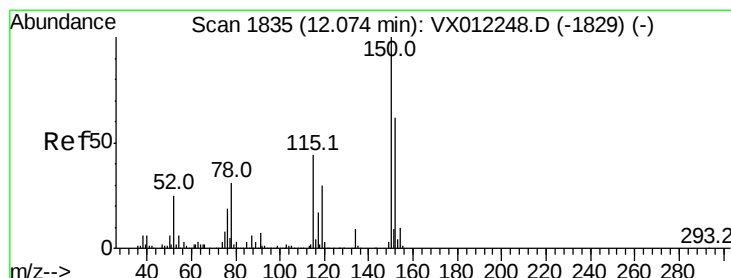
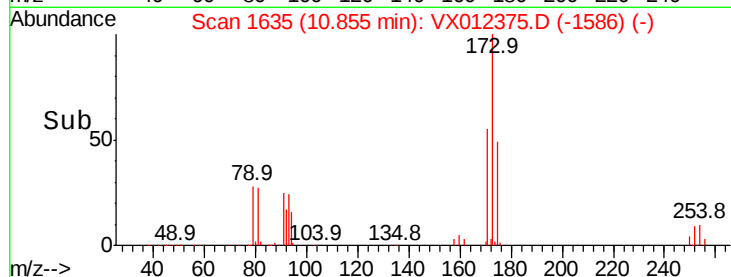
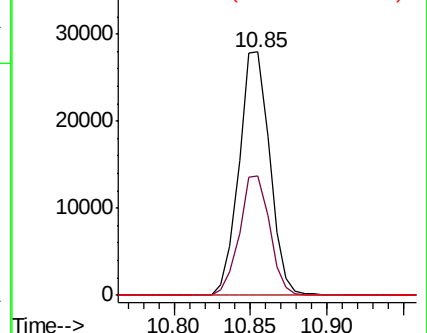
254 0.0 0.2 0.4#



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: VX012375.D

Acq: 13 Sep 2019 09:47

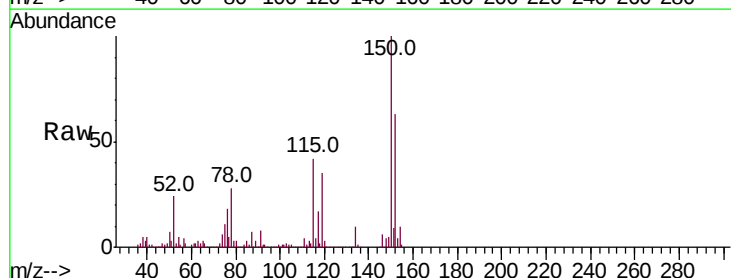
Tgt Ion:152 Resp: 110951

Ion Ratio Lower Upper

152 100

115 88.3 45.5 136.4

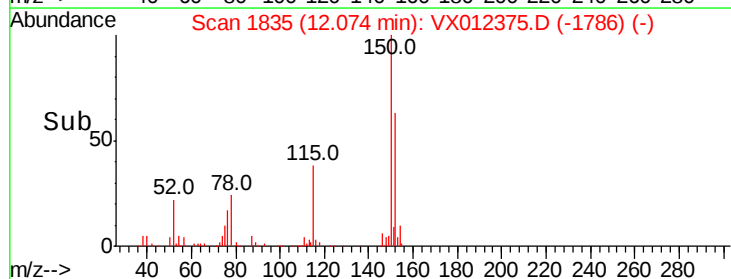
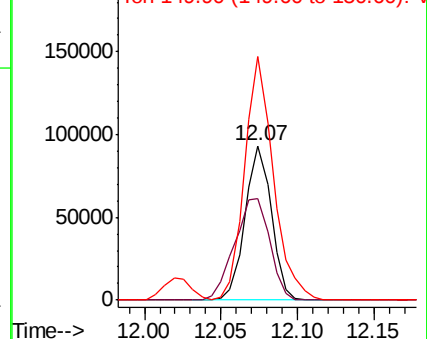
150 172.7 0.0 346.4

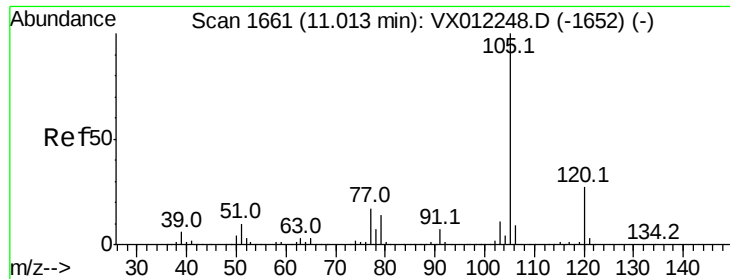


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.091 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

Instrument :

MSVOA_X

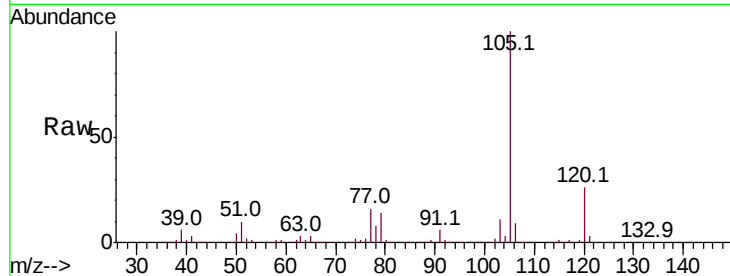
ClientSampleId :

Tot Ion:105 Resp: 358571

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

300000

200000

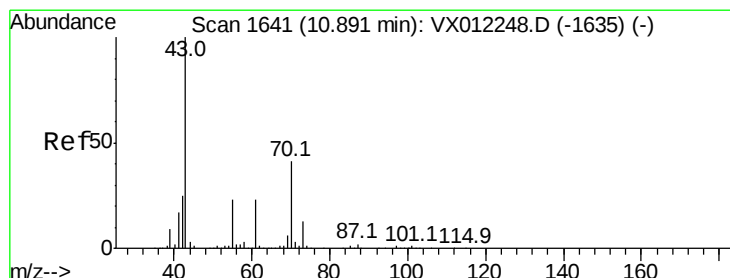
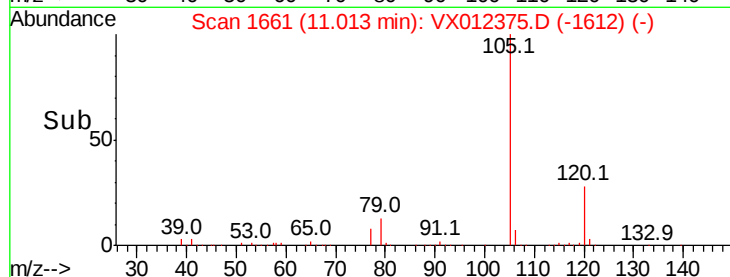
100000

0

Time-->

11.00

11.10



#74

N-ethyl acetate

Concen: 45.416 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

Tgt Ion: 43 Resp: 98633

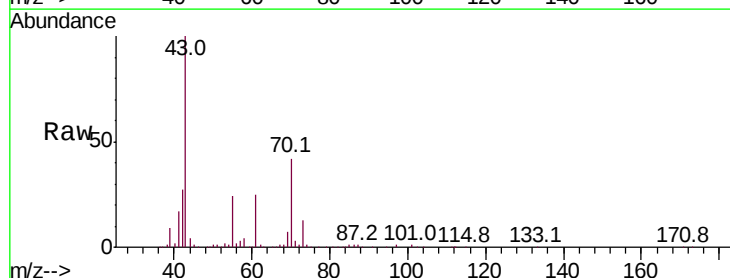
Ion Ratio Lower Upper

43 100

70 41.5 32.9 49.3

55 24.6 19.1 28.7

61 24.1 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.89

120000

100000

80000

60000

40000

20000

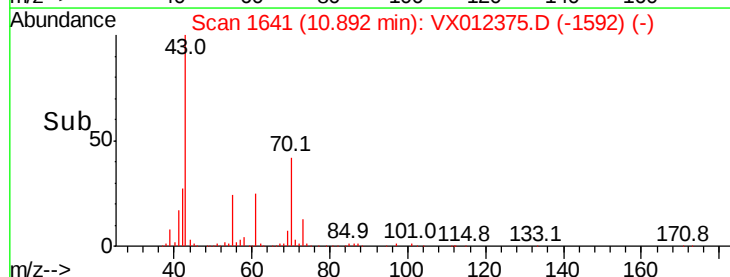
0

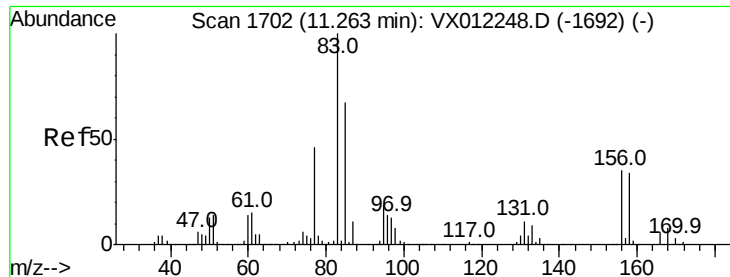
Time-->

10.80

10.90

11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 48.439 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

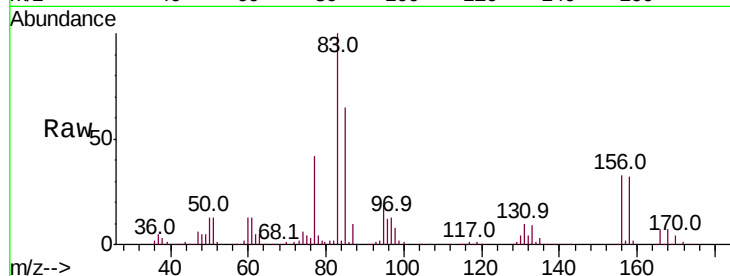
Tot Ion: 83 Resp: 75986

Ion Ratio Lower Upper

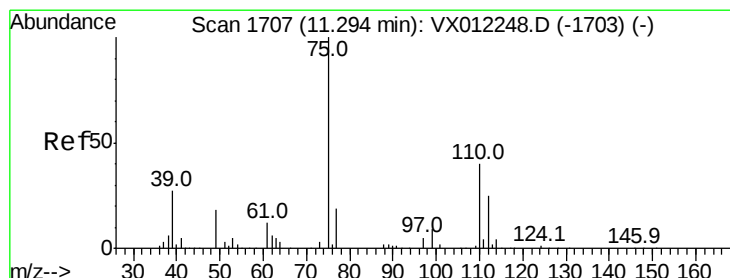
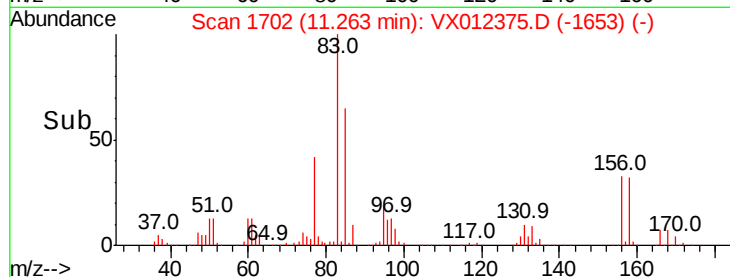
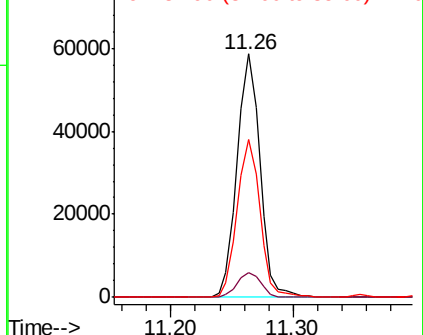
83 100

131 10.7 5.5 16.4

85 64.8 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: 56.471 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012375.D

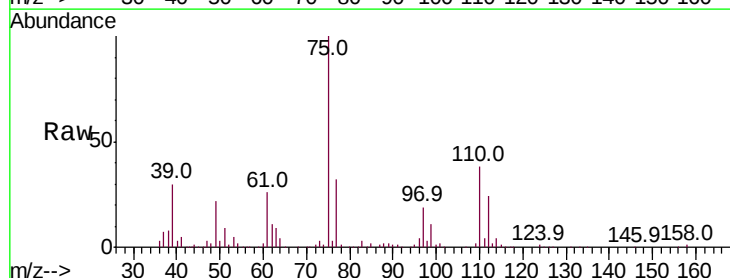
Acq: 13 Sep 2019 09:47

Tgt Ion: 75 Resp: 80490

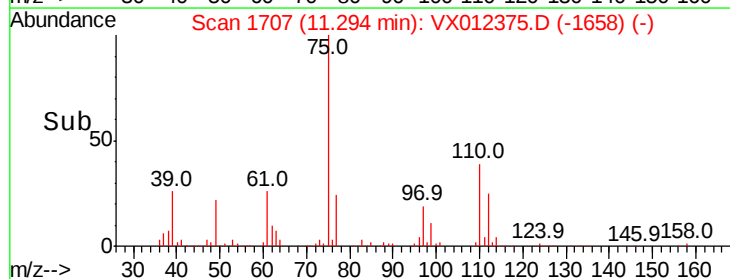
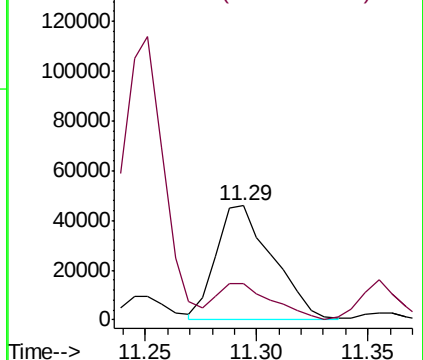
Ion Ratio Lower Upper

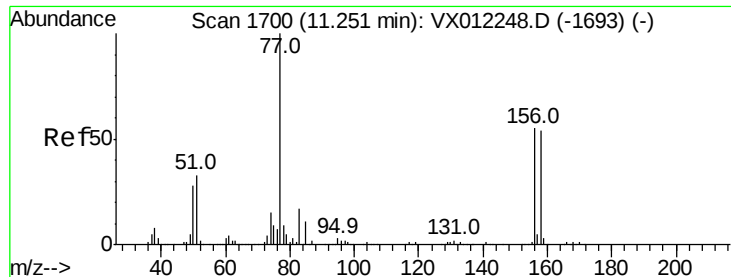
75 100

77 31.2 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.165 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

Instrument :

MSVOA_X

ClientSampled :

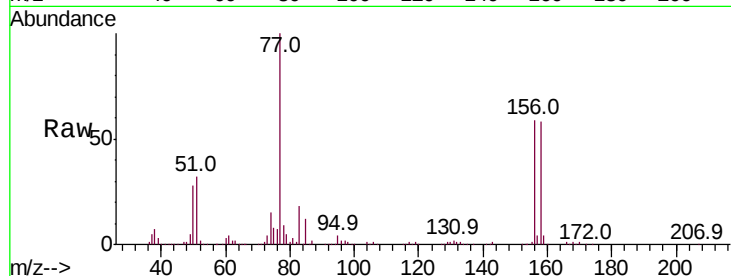
Tot Ion:156 Resp: 84362

Ion Ratio Lower Upper

156 100

77 176.0 92.2 276.6

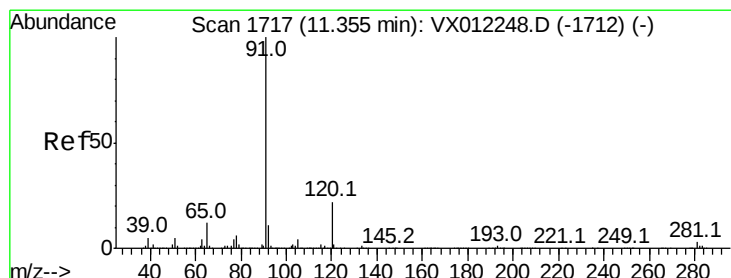
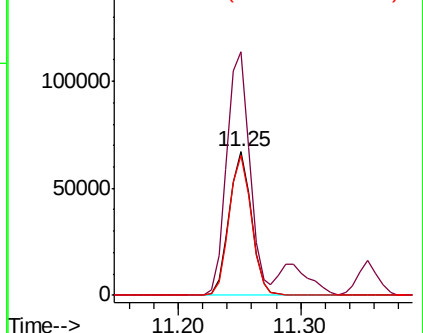
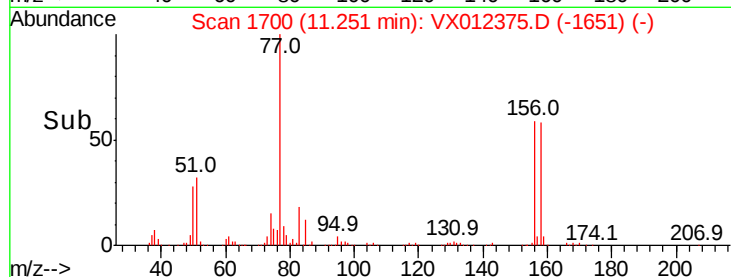
158 97.6 48.8 146.3



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: 49.008 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012375.D

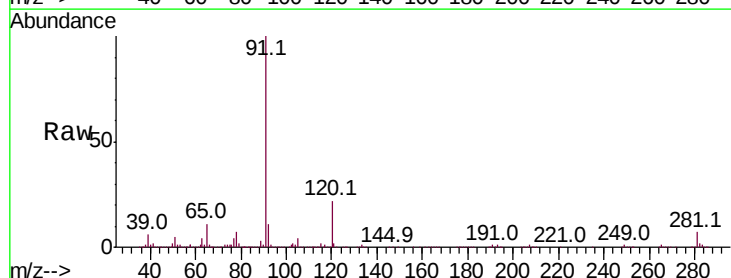
Acq: 13 Sep 2019 09:47

Tgt Ion: 91 Resp: 432275

Ion Ratio Lower Upper

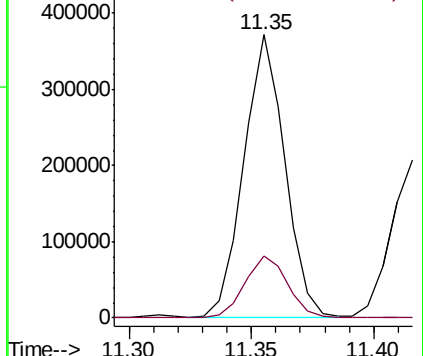
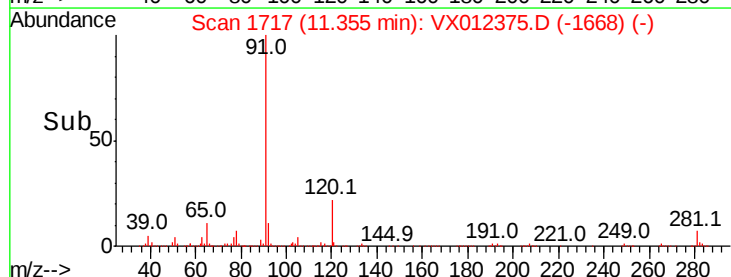
91 100

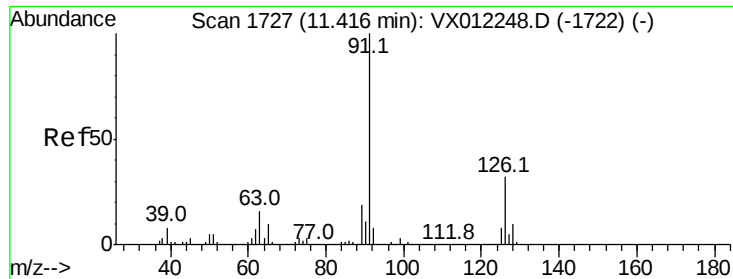
120 22.8 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

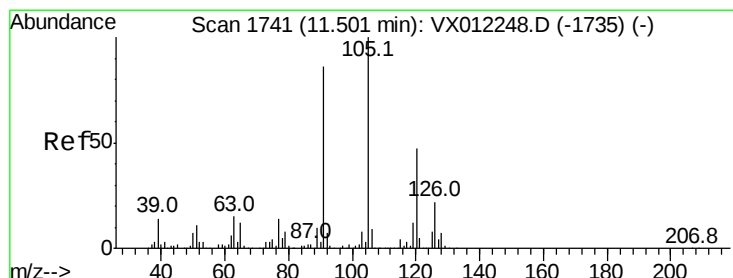
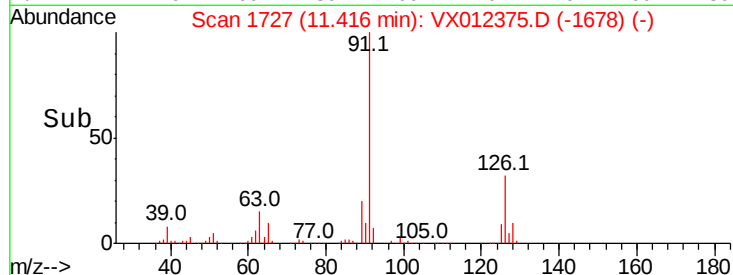
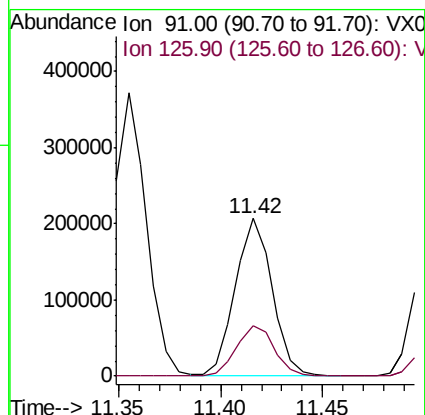
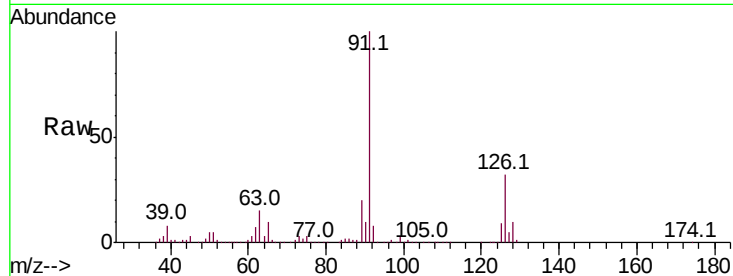




#79
 2-Chlorotoluene
 Concen: 47.388 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012375.D
 Acq: 13 Sep 2019 09:47

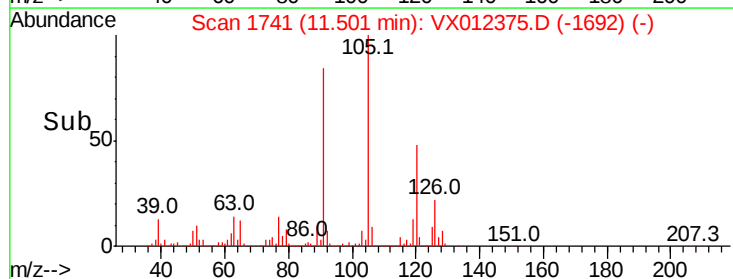
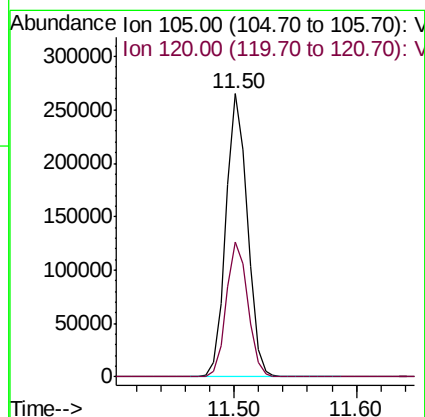
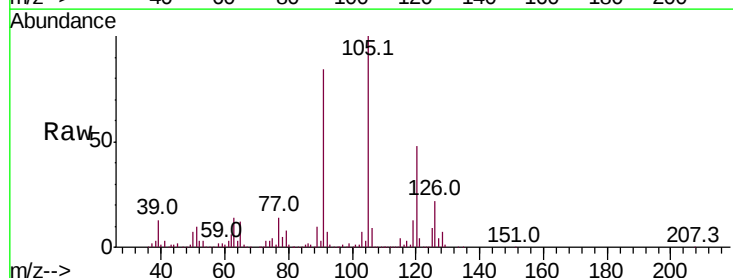
Instrument :
 MSVOA_X
 ClientSampleId :

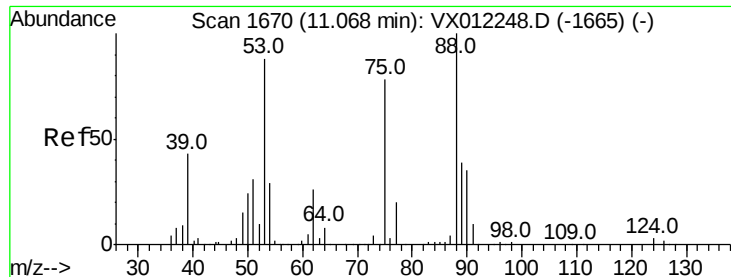
Tot Ion: 91 Resp: 258967
 Ion Ratio Lower Upper
 91 100
 126 32.8 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 49.000 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012375.D
 Acq: 13 Sep 2019 09:47

Tgt Ion:105 Resp: 321866
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.7 71.1

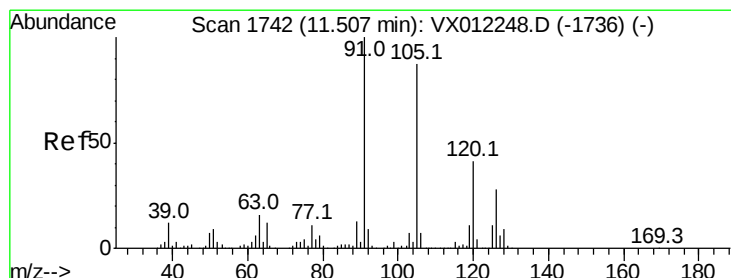
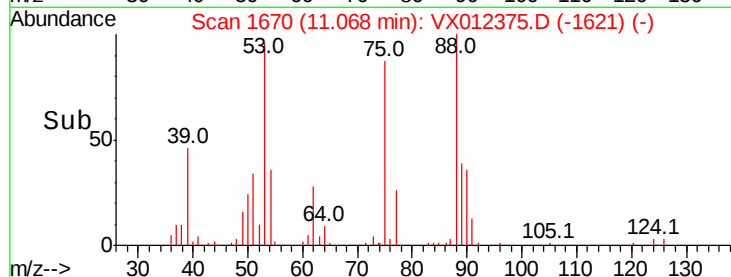
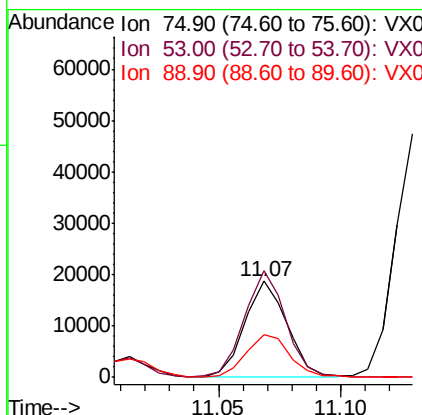
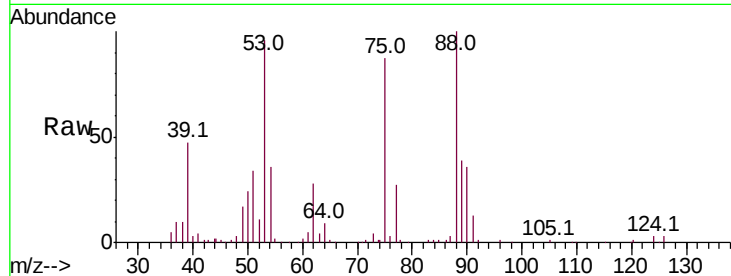




#81
trans-1,4-Dichloro-2-butene
Concen: 46.423 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012375.D
Acq: 13 Sep 2019 09:47

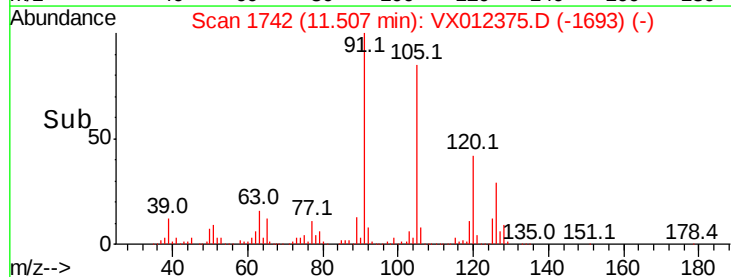
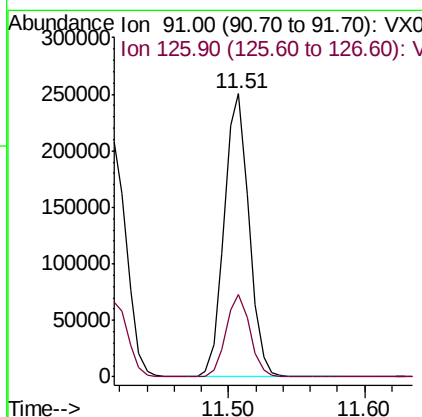
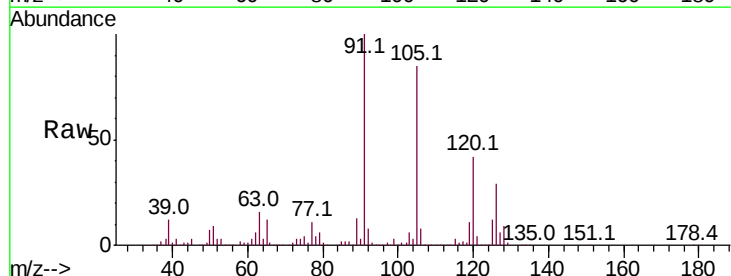
Instrument :
MSVOA_X
ClientSampleId :

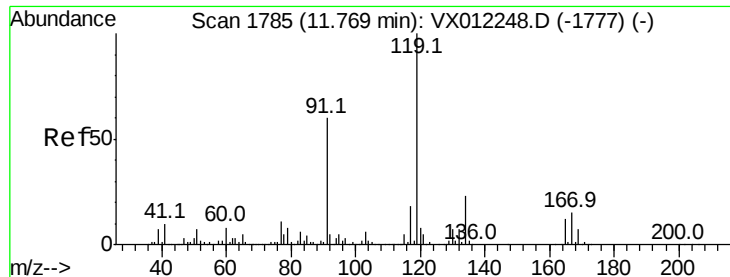
Tot Ion: 75 Resp: 22084
Ion Ratio Lower Upper
75 100
53 110.3 88.1 132.1
89 47.4 43.5 65.3



#82
4-Chlorotoluene
Concen: 48.206 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012375.D
Acq: 13 Sep 2019 09:47

Tgt Ion: 91 Resp: 316592
Ion Ratio Lower Upper
91 100
126 28.3 14.0 42.0





#83

tert-Butylbenzene

Concen: 50.188 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

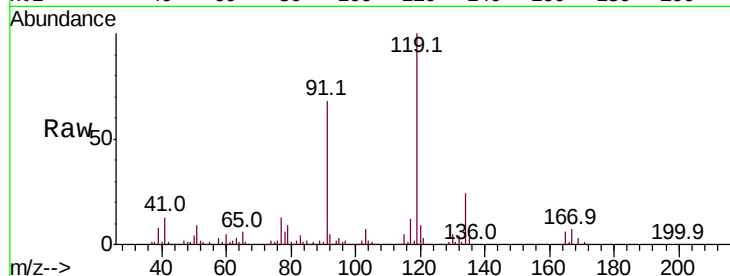
Tot Ion:119 Resp: 320110

Ion Ratio Lower Upper

119 100

91 60.7 30.9 92.8

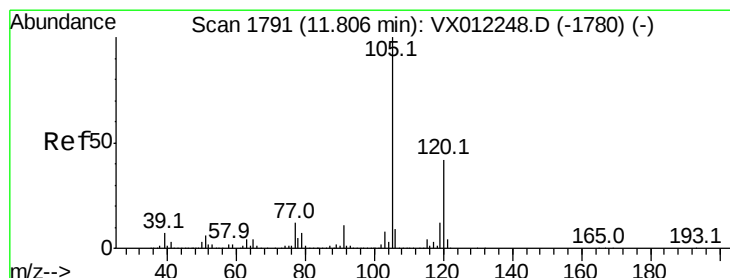
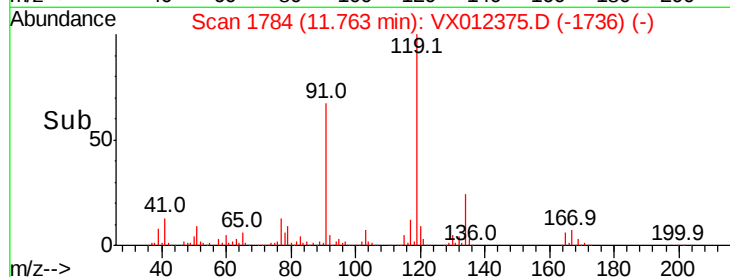
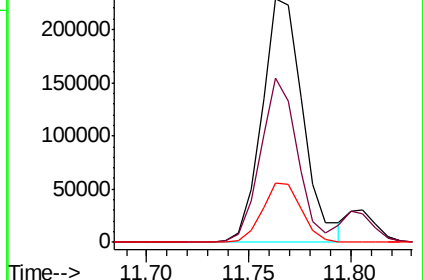
134 23.2 11.2 33.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.129 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX012375.D

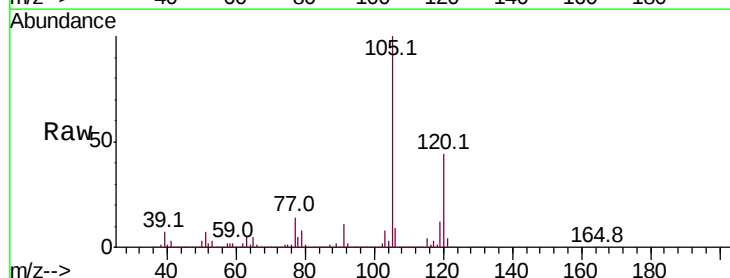
Acq: 13 Sep 2019 09:47

Tgt Ion:105 Resp: 326817

Ion Ratio Lower Upper

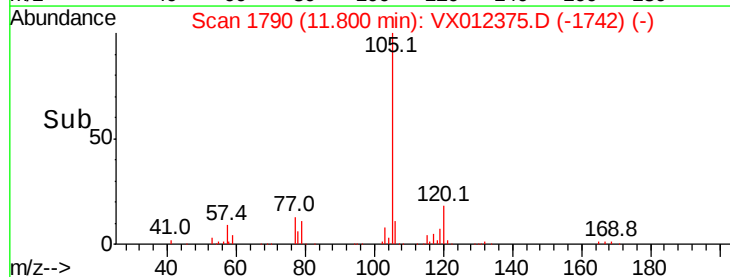
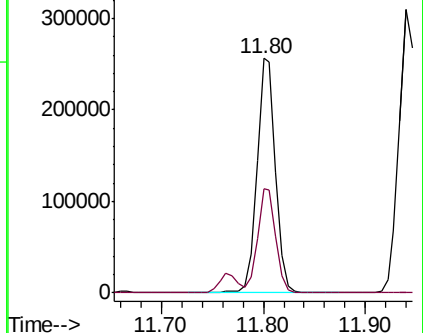
105 100

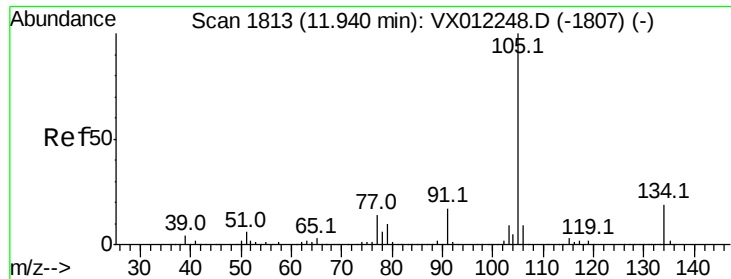
120 43.6 21.3 63.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.225 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

Instrument :

MSVOA_X

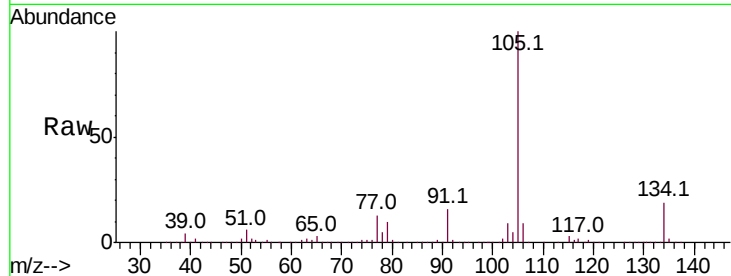
ClientSampleId :

Tot Ion:105 Resp: 374621

Ion Ratio Lower Upper

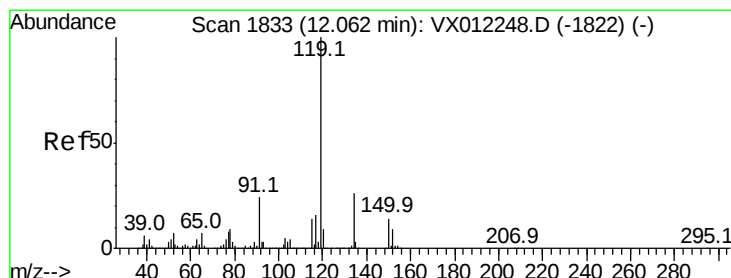
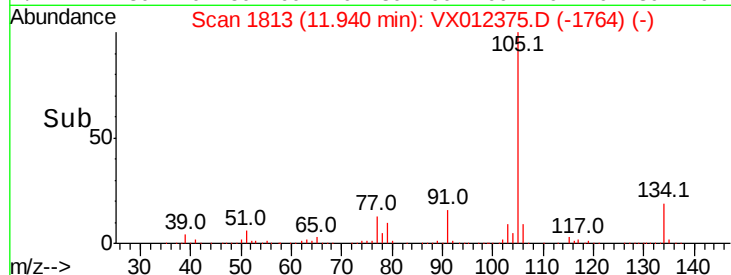
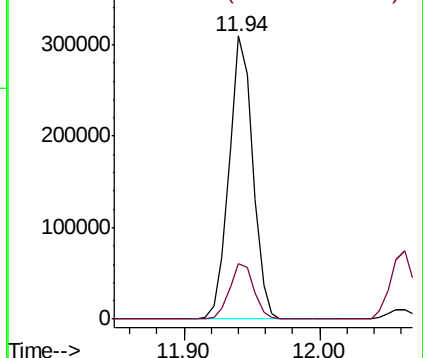
105 100

134 20.0 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: 49.326 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

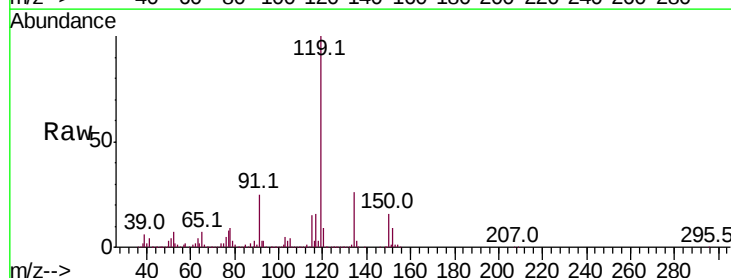
Tgt Ion:119 Resp: 346849

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

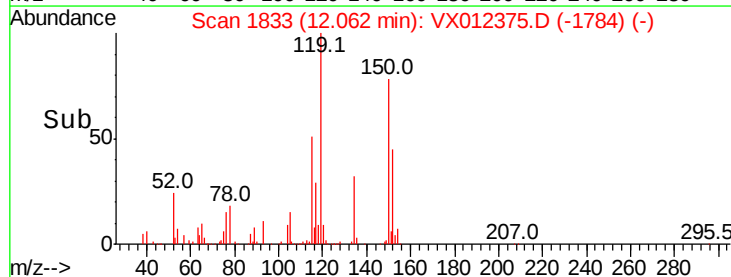
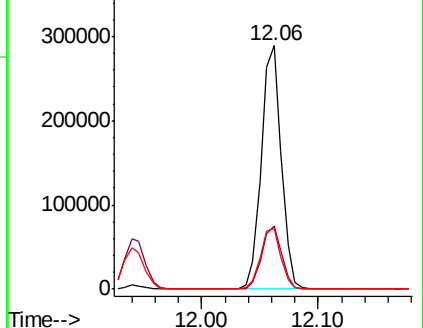
91 25.7 13.1 39.1

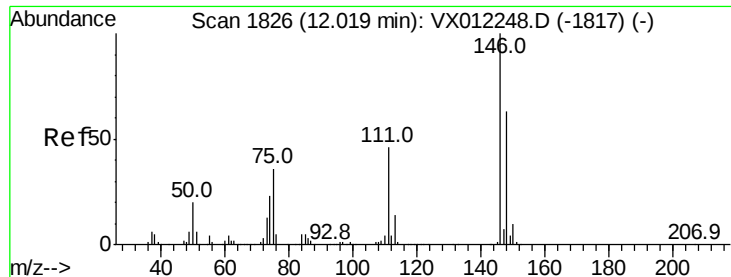


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 49.878 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

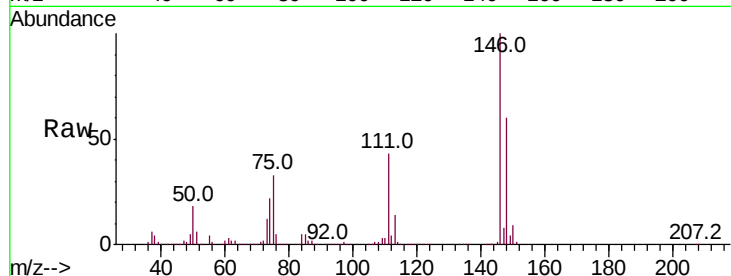
Tot Ion:146 Resp: 170868

Ion Ratio Lower Upper

146 100

111 43.2 22.3 66.8

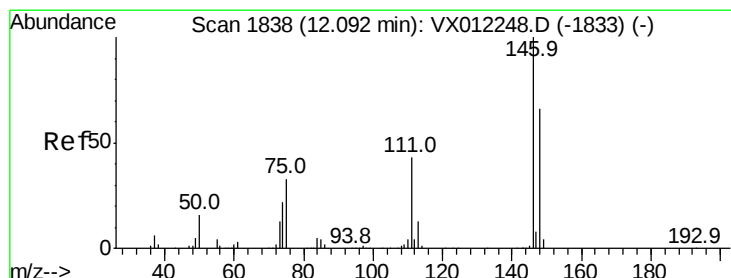
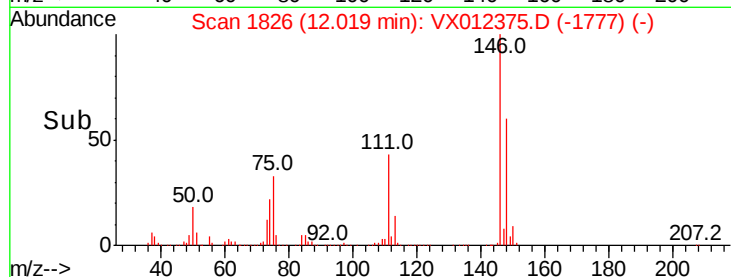
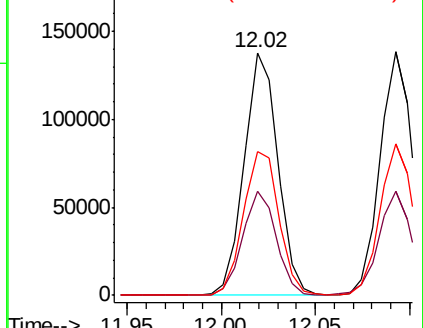
148 62.7 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.671 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

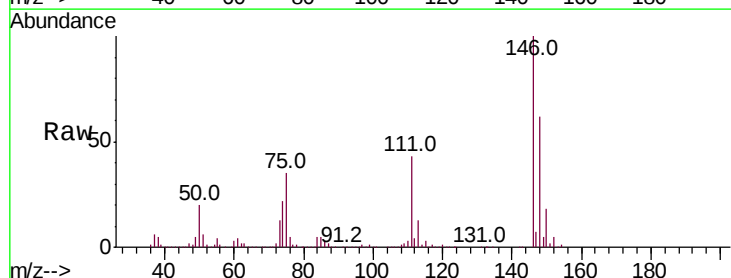
Tgt Ion:146 Resp: 168597

Ion Ratio Lower Upper

146 100

111 42.7 21.6 64.8

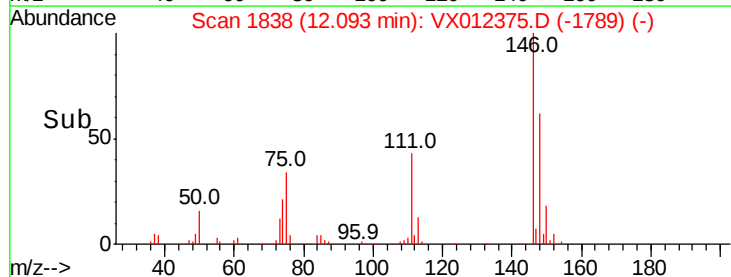
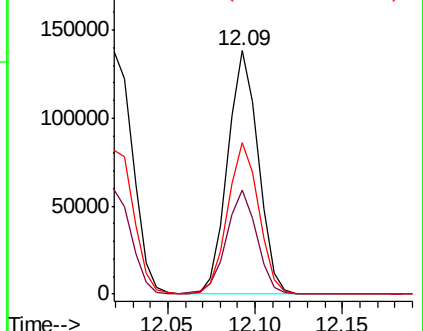
148 63.2 32.4 97.2

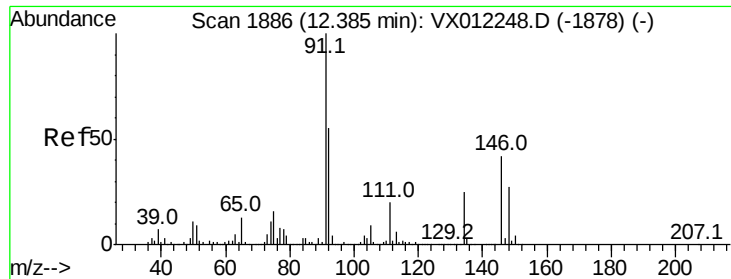


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

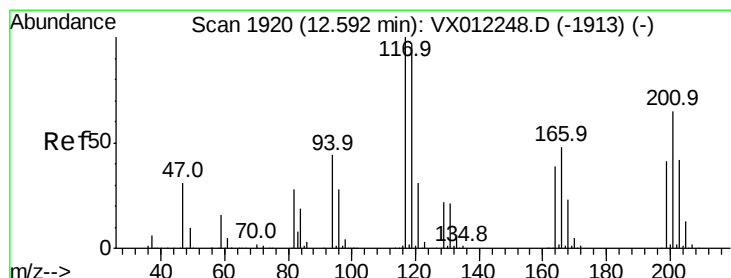
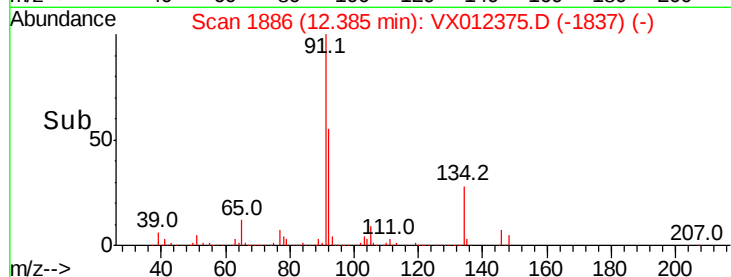
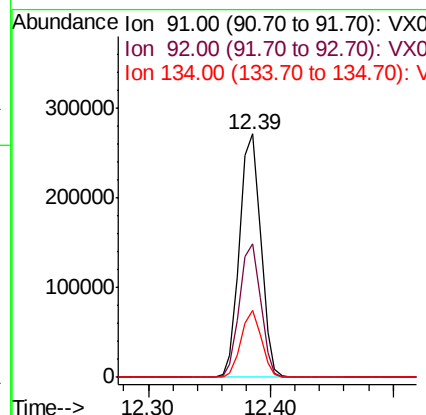
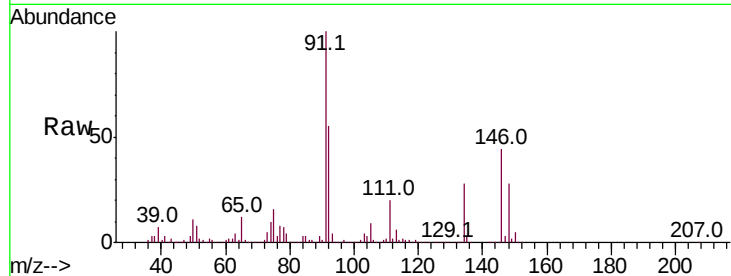




#89
n-Butylbenzene
Concen: 46.985 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012375.D
Acq: 13 Sep 2019 09:47

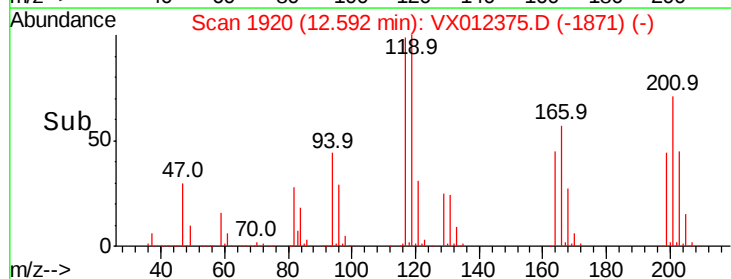
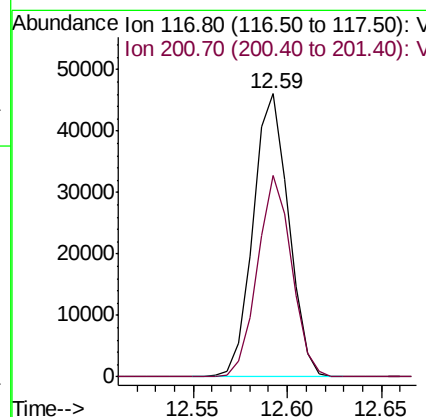
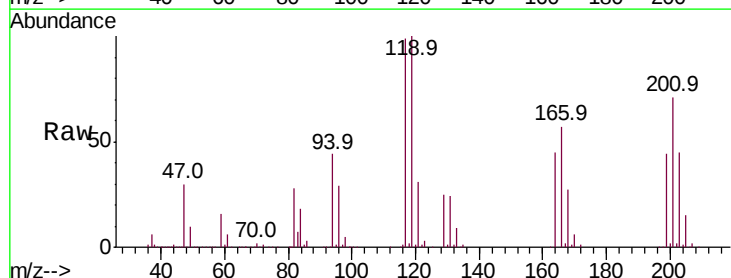
Instrument :
MSVOA_X
ClientSampleId :

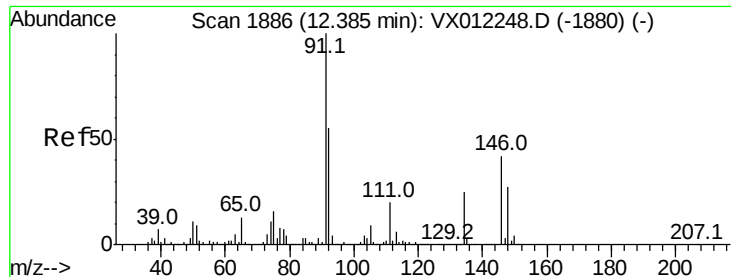
Tot Ion: 91 Resp: 323828
Ion Ratio Lower Upper
91 100
92 54.8 27.6 82.7
134 26.4 12.5 37.5



#90
Hexachloroethane
Concen: 46.381 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012375.D
Acq: 13 Sep 2019 09:47

Tgt Ion: 117 Resp: 60073
Ion Ratio Lower Upper
117 100
201 68.9 32.2 96.6

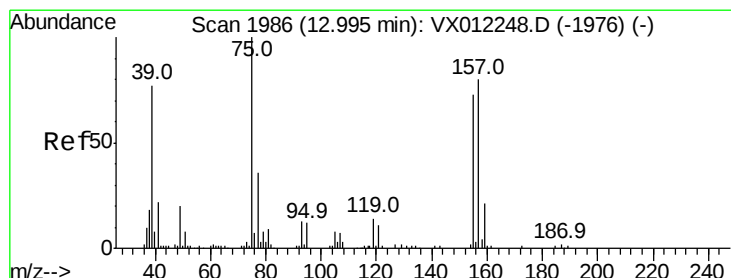
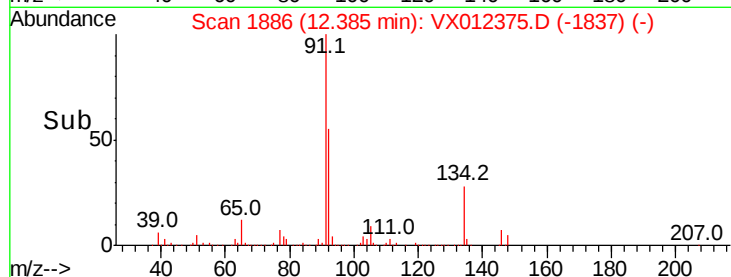
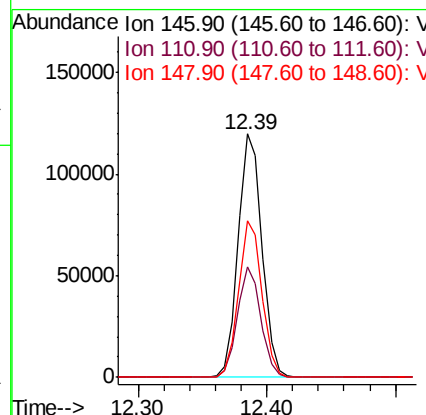
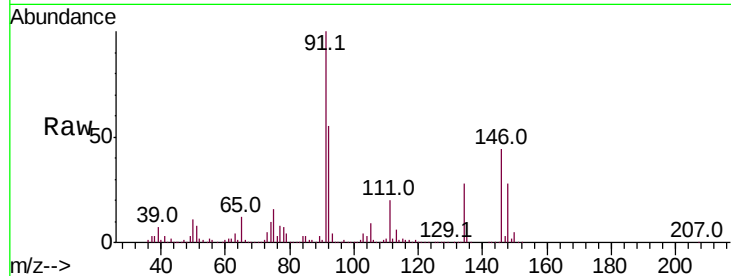




#91
 1,2-Dichlorobenzene
 Concen: 48.772 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012375.D
 Acq: 13 Sep 2019 09:47

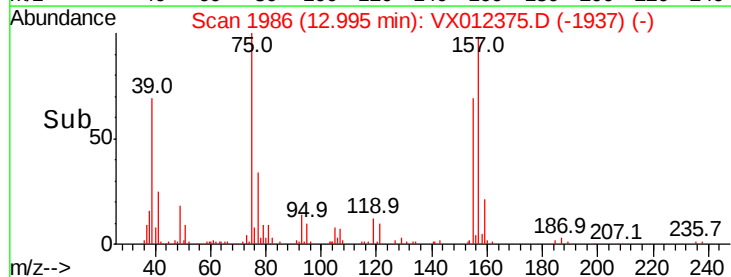
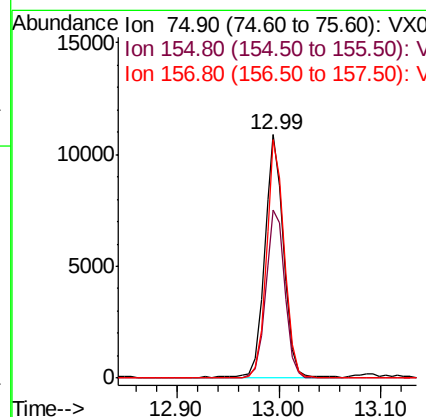
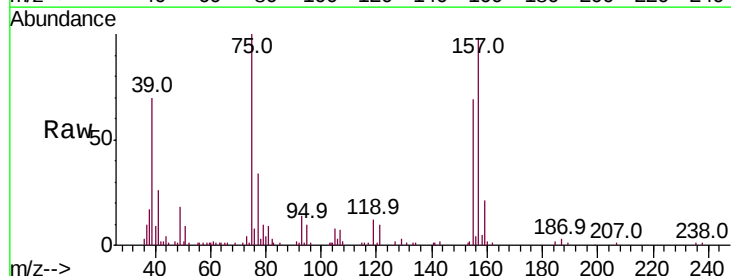
Instrument :
 MSVOA_X
 ClientSampleId :

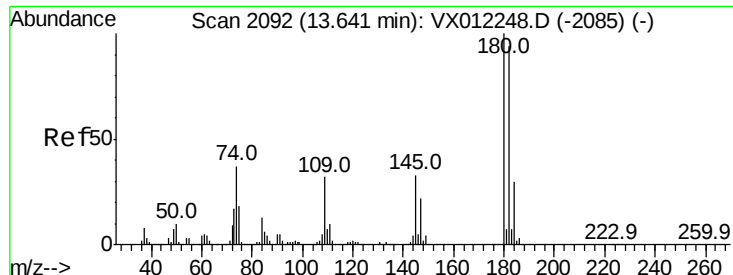
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.7	23.2	69.6
148	63.2	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.479 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012375.D
 Acq: 13 Sep 2019 09:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.7	35.3	105.7
157	91.4	43.2	129.6

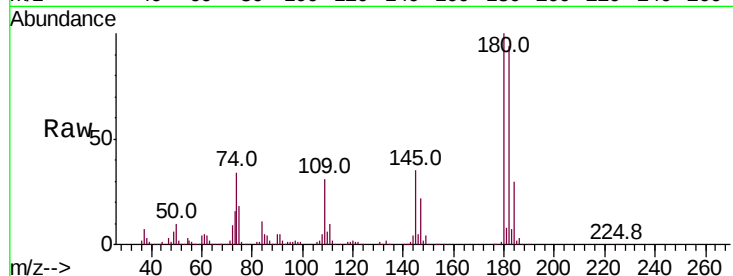




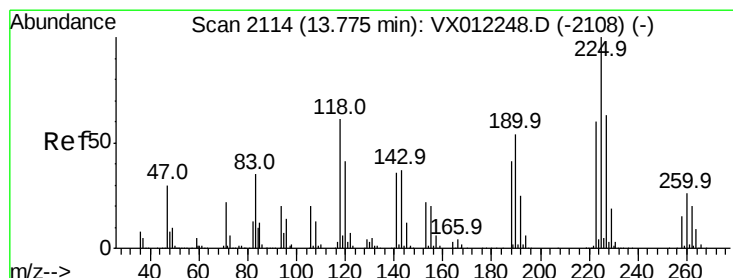
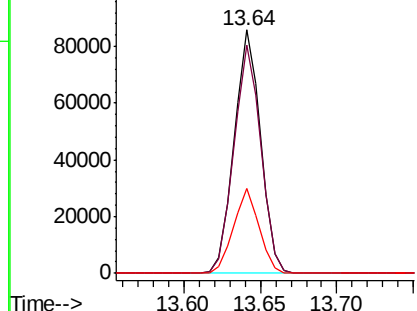
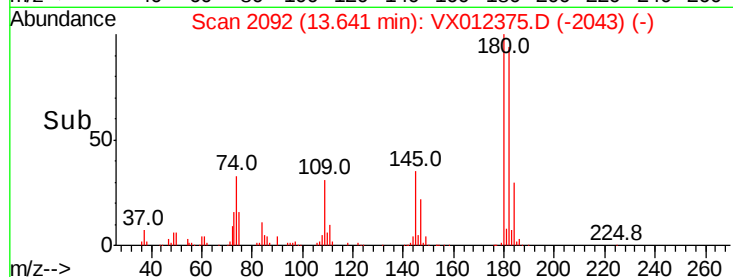
#93
 1,2,4-Trichlorobenzene
 Concen: 46.886 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012375.D
 Acq: 13 Sep 2019 09:47

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.9	140.8
145	33.8	17.1	51.2

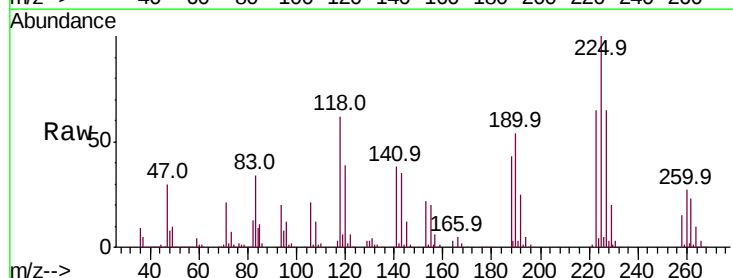


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

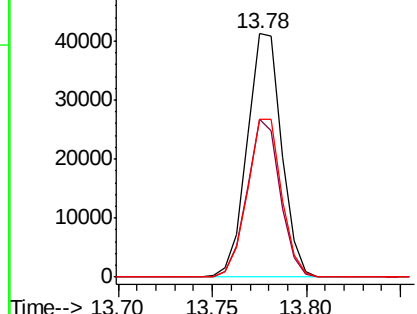
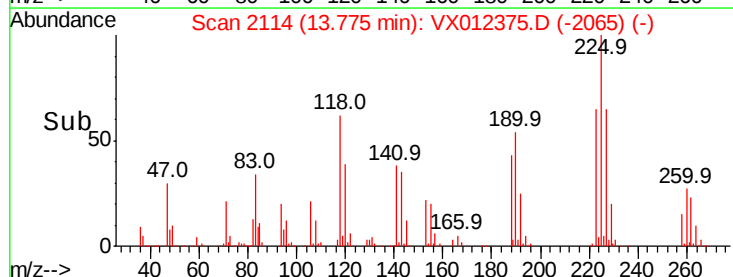


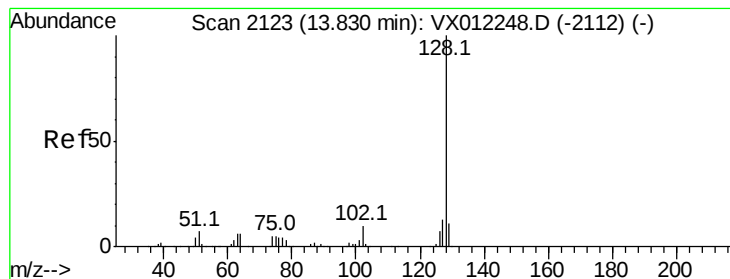
#94
 Hexachlorobutadiene
 Concen: 48.010 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX012375.D
 Acq: 13 Sep 2019 09:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	32.1	96.5
227	64.3	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: 44.663 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

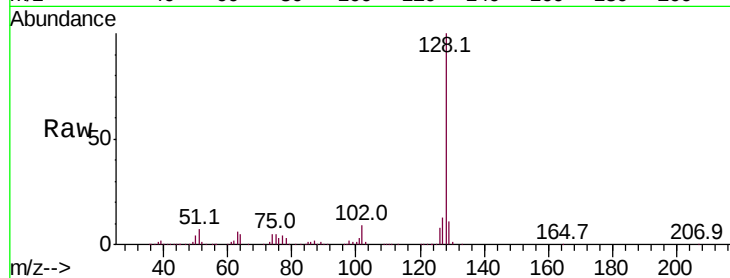
Tot Ion:128 Resp: 209753

Ion Ratio Lower Upper

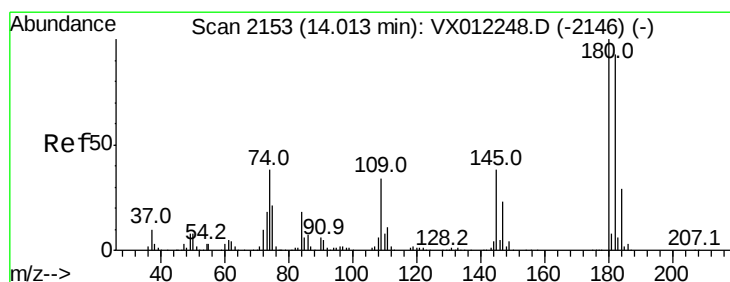
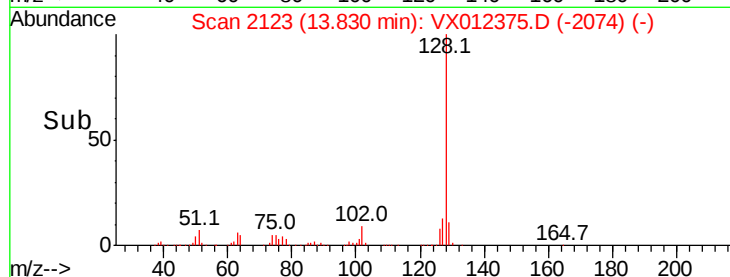
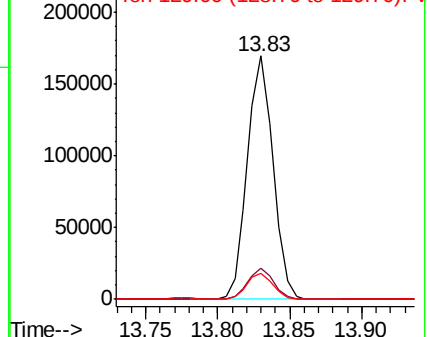
128 100

127 12.8 10.2 15.2

129 11.1 8.9 13.3



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



#96

1,2,3-Trichlorobenzene

Concen: 45.670 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX012375.D

Acq: 13 Sep 2019 09:47

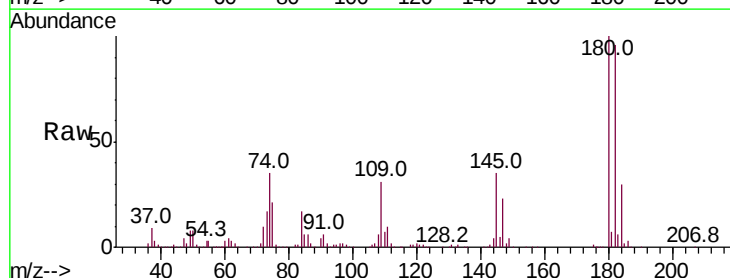
Tgt Ion:180 Resp: 88431

Ion Ratio Lower Upper

180 100

182 95.2 47.0 141.0

145 36.3 18.6 55.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

