

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050719\
 Data File : VX009371.D
 Acq On : 07 May 2019 12:01
 Operator : JC/SP
 Sample : VX0507WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VX0507WBS01

Quant Time: May 08 02:04:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	30093	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	173793	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	155418	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	74724	29.93	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.77%
60) 4-Bromofluorobenzene	11.13	95	78025	29.54	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.47%
63) Toluene-d8	8.71	98	220567	29.93	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.77%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	29357	18.359	ug/l 96
3) Chloromethane	1.32	50	41165	19.152	ug/l 99
4) Vinyl Chloride	1.40	62	39783	18.554	ug/l 96
5) Bromomethane	1.64	94	24084	17.719	ug/l 96
6) Chloroethane	1.72	64	25827	18.367	ug/l 99
7) Trichlorofluoromethane	1.93	101	51690	19.523	ug/l 99
8) Diethyl Ether	2.18	74	24141	19.636	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	33359	20.350	ug/l 99
10) 1,1-Dichloroethene	2.37	96	31663	19.237	ug/l 99
11) Methyl Iodide	2.51	142	32070	17.923	ug/l 98
12) Methyl Acetate	2.77	43	59623	19.232	ug/l 98
13) Acrolein	2.29	56	36513	85.868	ug/l 99
14) Acrylonitrile	3.14	53	133079	98.909	ug/l 99
15) Acetone	2.44	58	37748	97.716	ug/l 99
16) Carbon Disulfide	2.57	76	80079	17.981	ug/l 99
17) Allyl chloride	2.73	41	75711	19.159	ug/l 98
18) Methylene Chloride	2.85	84	39631	19.922	ug/l 93
19) trans-1,2-Dichloroethene	3.16	96	33923	19.330	ug/l 96
20) Diisopropyl ether	3.85	45	152551	19.604	ug/l 92
21) 1,1-Dichloroethane	3.69	63	73987	19.646	ug/l 98
22) cis-1,2-Dichloroethene	4.59	96	41959	19.849	ug/l 100
23) tert-Butyl Alcohol	3.04	59	53548	94.122	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	126170	19.587	ug/l 98
25) Chloroform	5.20	83	68429	19.911	ug/l 96
26) Cyclohexane	5.57	56	66549	18.961	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	50131	19.658	ug/l 99
30) 2-Butanone	4.67	43	198053	99.170	ug/l 100
31) 2,2-Dichloropropane	4.58	77	54181	19.272	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	55141	19.946	ug/l 97
33) Carbon Tetrachloride	5.78	117	45710	19.762	ug/l 99
34) Benzene	6.13	78	157845	20.077	ug/l 99
35) Methacrylonitrile	5.03	41	41315	19.773	ug/l 97
36) 1,2-Dichloroethane	6.19	62	57619	20.198	ug/l 99
37) Trichloroethene	7.21	130	38141	20.153	ug/l 97
38) Methylcyclohexane	7.46	83	62137	19.722	ug/l 99
39) 1,2-Dichloropropane	7.51	63	45041	20.118	ug/l 95
40) Dibromomethane	7.66	93	25594	20.142	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	52152	20.093	ug/l	93
42) Vinyl Acetate	3.81	43	657473	99.747	ug/l	100
43) Ethyl Acetate	4.82	43	72488	20.087	ug/l	98
44) Isopropyl Acetate	6.44	43	114362	19.562	ug/l	98
45) 1,4-Dioxane	7.74	88	22740	396.187	ug/l	100
46) Methyl methacrylate	7.77	41	56240	19.274	ug/l	100
47) n-amyl Acetate	10.90	43	100046	18.997	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	57830	19.095	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	64211	19.313	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	39597	20.339	ug/l	99
51) Ethyl methacrylate	9.18	69	70040	19.468	ug/l	98
52) 1,3-Dichloropropane	9.37	76	69942	20.243	ug/l	100
53) Dibromochloromethane	9.58	129	38447	19.830	ug/l	99
54) 1,2-Dibromoethane	9.67	107	39832	19.949	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	178838	93.287	ug/l	100
56) Bromoform	10.85	173	28490	19.142	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	379913	99.413	ug/l	99
59) 2-Hexanone	9.49	43	296477	98.911	ug/l	100
61) Tetrachloroethene	9.34	164	34832	20.330	ug/l	97
62) Toluene	8.78	91	166126	20.004	ug/l	99
64) Chlorobenzene	10.13	112	100306	20.069	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	35867	19.599	ug/l	98
66) Ethyl Benzene	10.25	91	184290	19.920	ug/l	100
67) m/p-Xylenes	10.35	106	134586	39.843	ug/l	99
68) o-Xylene	10.69	106	65977	19.864	ug/l	98
69) Styrene	10.71	104	115580	19.823	ug/l	99
70) Isopropylbenzene	11.02	105	180460	20.203	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	65878	20.138	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	76333	27.077	ug/l	83
73) Bromobenzene	11.26	156	43706	19.803	ug/l	99
74) n-propylbenzene	11.36	91	207209	20.018	ug/l	100
75) 2-Chlorotoluene	11.42	91	124594	20.068	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	152362	20.136	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	20642	18.153	ug/l	97
78) 4-Chlorotoluene	11.51	91	140456	19.918	ug/l	100
79) tert-butylbenzene	11.77	119	146517	20.031	ug/l	100
80) 1,2,4-Trimethylbenzene	11.80	105	150412	19.833	ug/l	100
81) sec-Butylbenzene	11.94	105	174547	20.085	ug/l	100
82) p-Isopropyltoluene	12.06	119	158667	20.071	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	77791	19.737	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	78080	19.884	ug/l	99
85) n-Butylbenzene	12.38	91	142628	19.717	ug/l	100
86) Hexachloroethane	12.59	117	26621	19.790	ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	79584	20.059	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	15153	19.933	ug/l	99
89) 1,2,4-Trichlorobenzene	13.65	180	57159	20.213	ug/l	100
90) Hexachlorobutadiene	13.78	225	29348	20.777	ug/l	99
91) Naphthalene	13.83	128	185276	20.011	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	58820	20.462	ug/l	98

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 02 06:46:57 2019
Response via : Initial Calibration

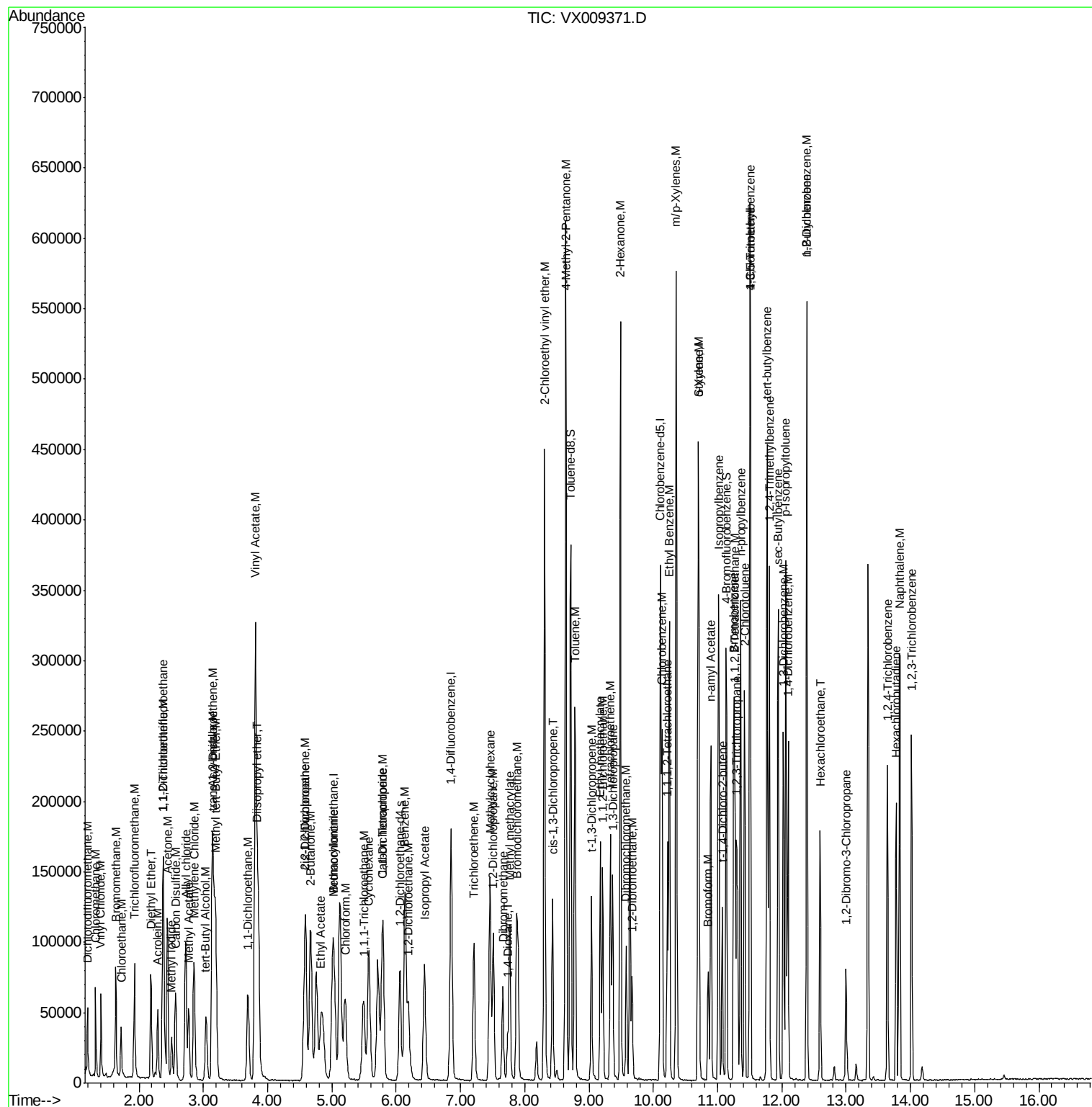
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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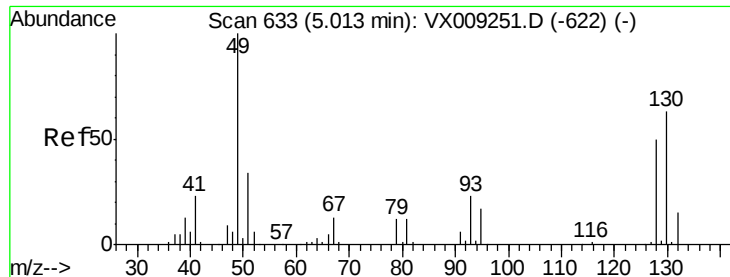
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050719\
Data File : VX009371.D
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ClientSampleId :
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Quant Time: May 08 02:04:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 02 06:46:57 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. 0.00 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

Instrument :

MSVOA_F

ClientSampleId :

VX0507WBS01

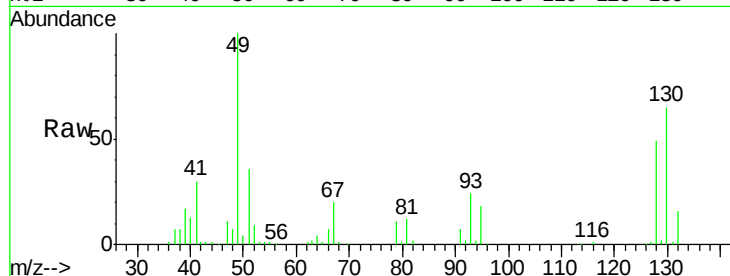
Tot Ion:128 Resp: 30093

Ion Ratio Lower Upper

128 100

49 200.9 0.0 515.0

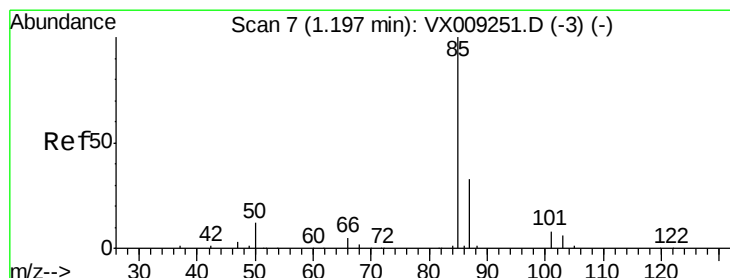
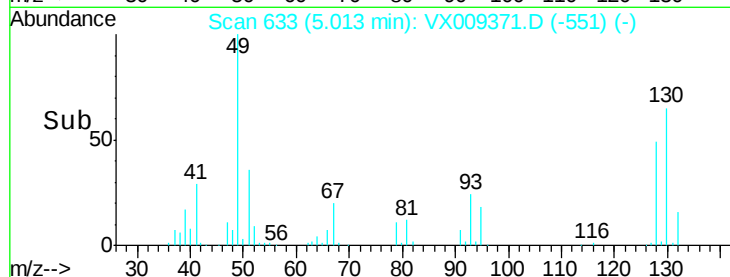
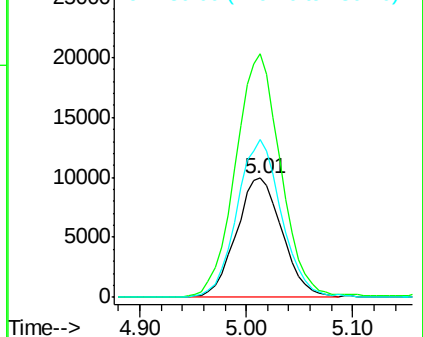
130 128.8 0.0 323.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 18.359 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009371.D

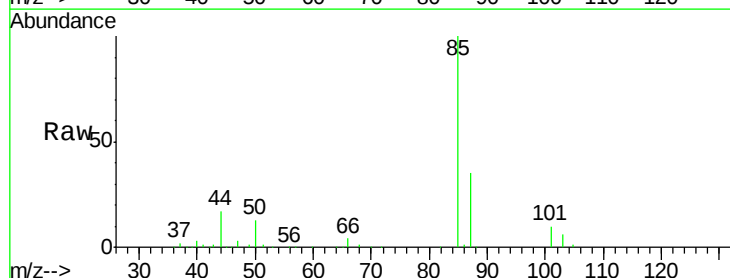
Acq: 07 May 2019 12:01

Tgt Ion: 85 Resp: 29357

Ion Ratio Lower Upper

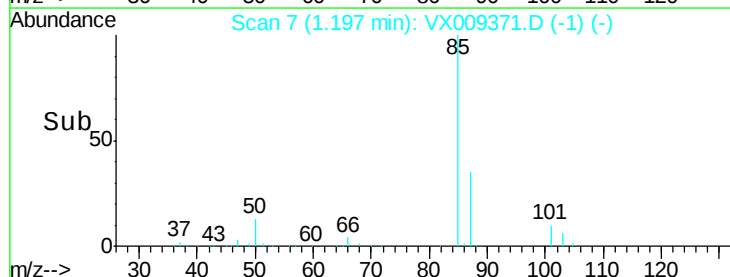
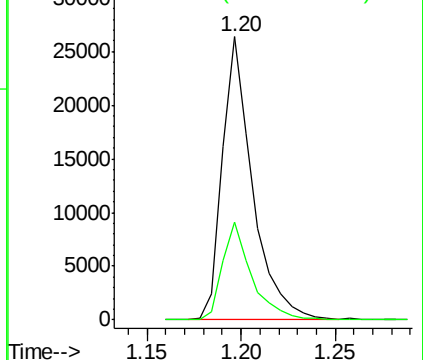
85 100

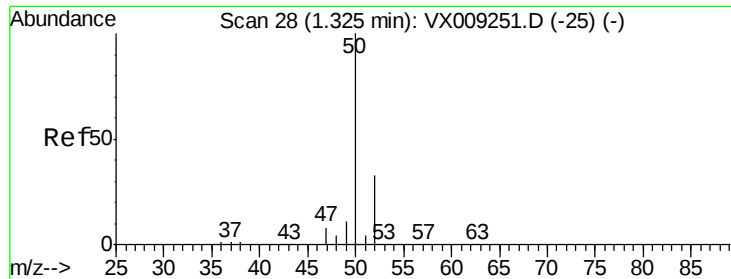
87 34.7 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.152 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

Instrument :

MSVOA_F

ClientSampleId :

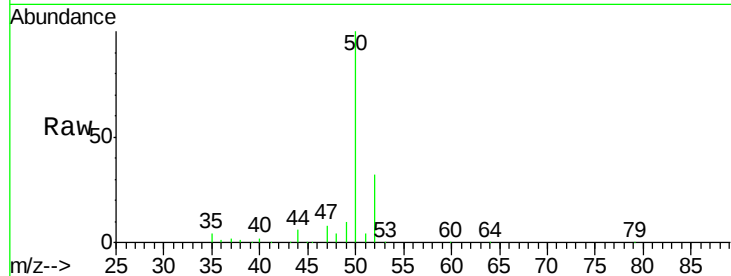
VX0507WBS01

Tot Ion: 50 Resp: 41165

Ion Ratio Lower Upper

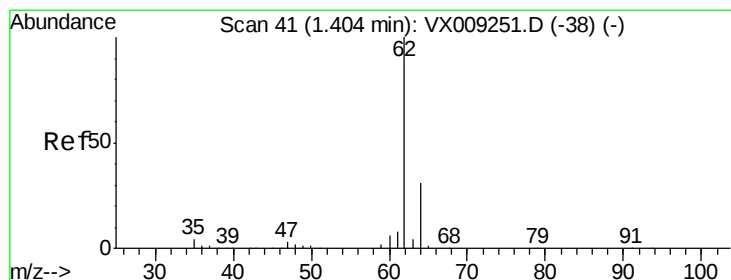
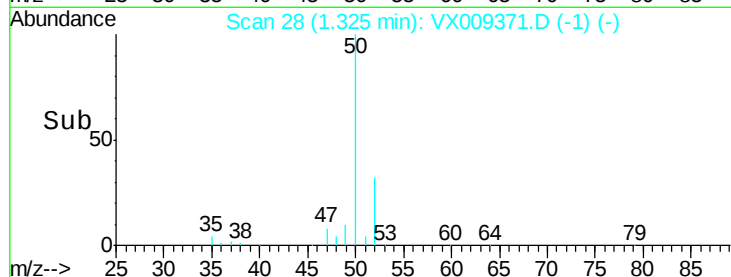
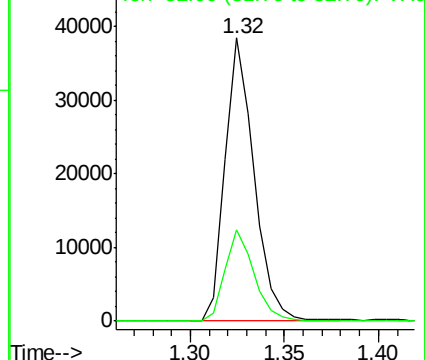
50 100

52 32.5 26.3 39.5



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 18.554 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX009371.D

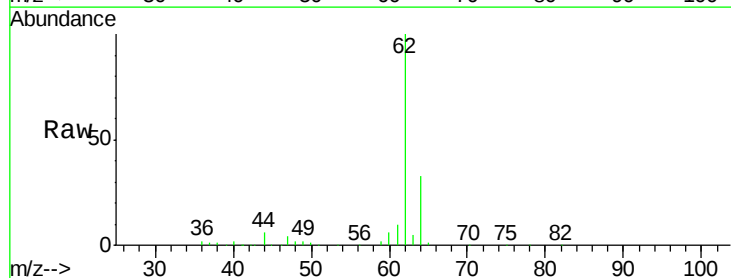
Acq: 07 May 2019 12:01

Tgt Ion: 62 Resp: 39783

Ion Ratio Lower Upper

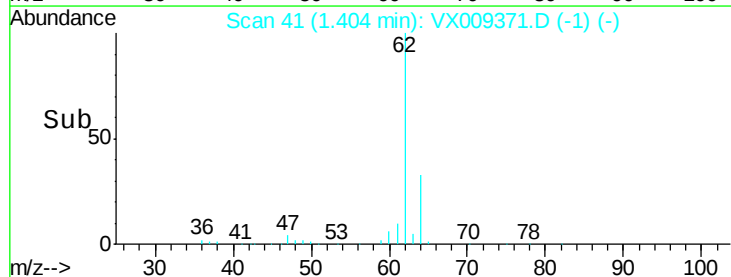
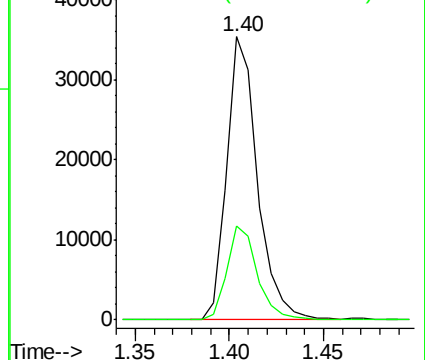
62 100

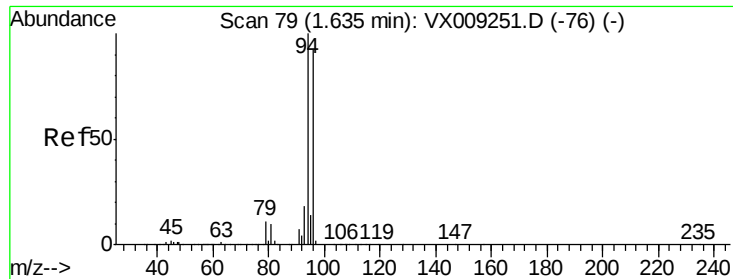
64 32.9 24.6 36.8



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 17.719 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

Instrument :

MSVOA_F

ClientSampleId :

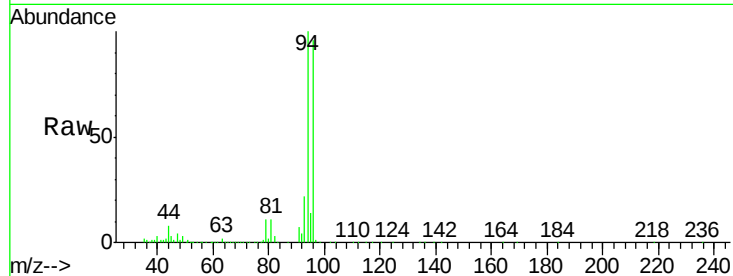
VX0507WBS01

Tot Ion: 94 Resp: 24084

Ion Ratio Lower Upper

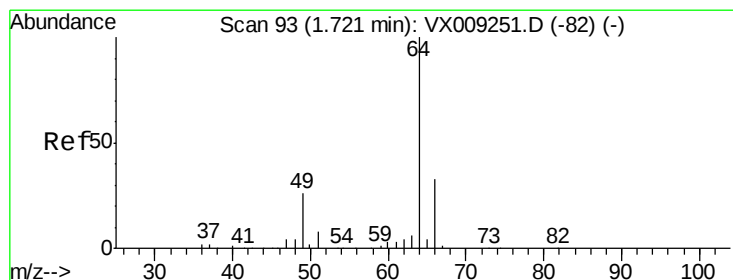
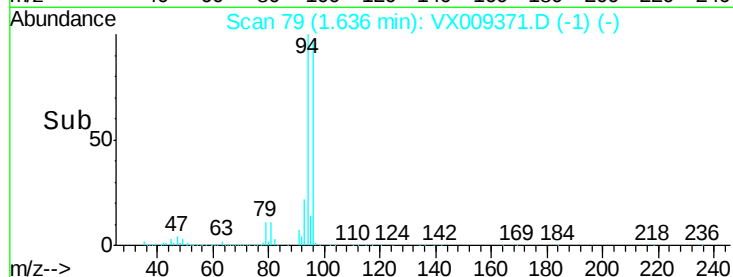
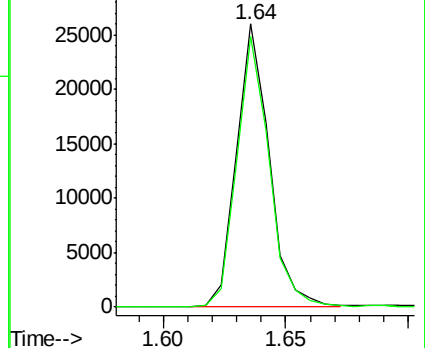
94 100

96 95.7 73.5 110.3



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.367 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX009371.D

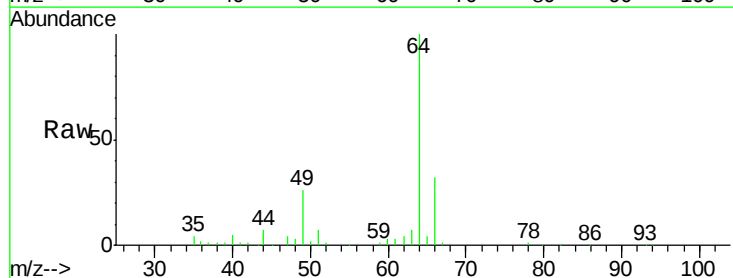
Acq: 07 May 2019 12:01

Tgt Ion: 64 Resp: 25827

Ion Ratio Lower Upper

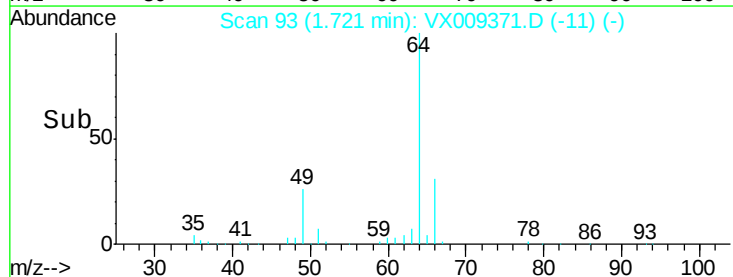
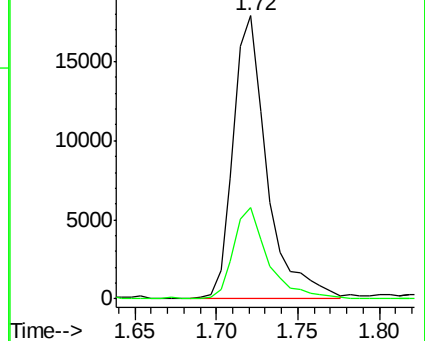
64 100

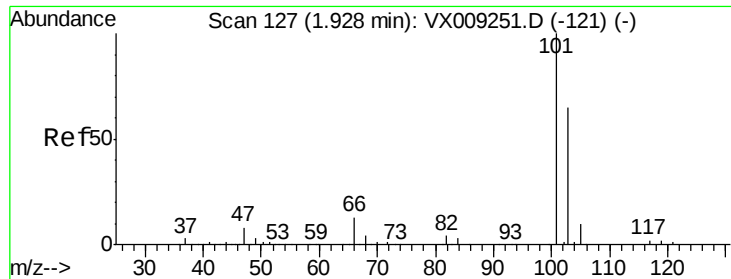
66 32.1 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



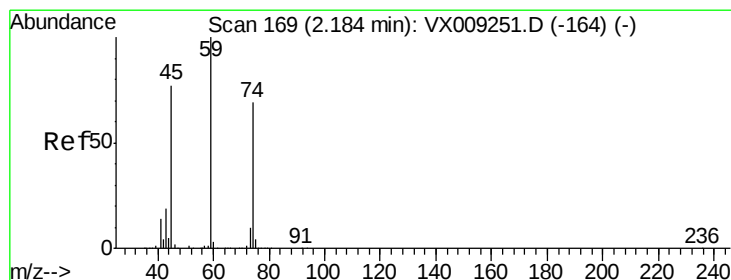
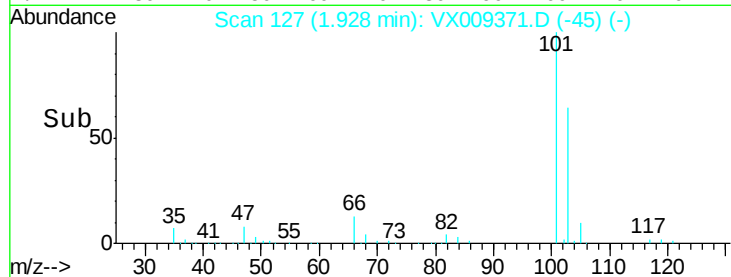
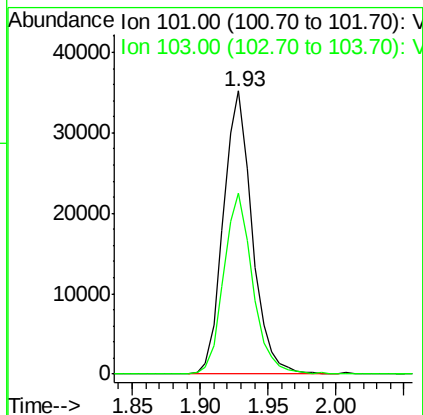
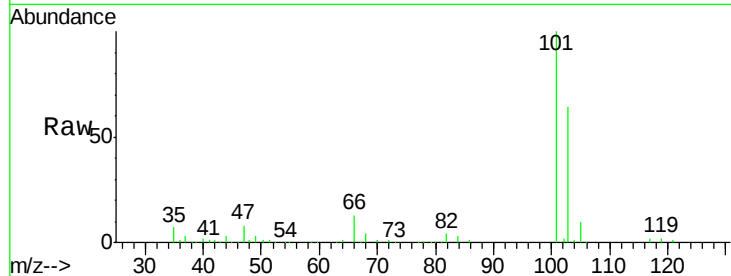


#7

Trichlorofluoromethane
 Concen: 19.523 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX009371.D
 Acq: 07 May 2019 12:01

Instrument :
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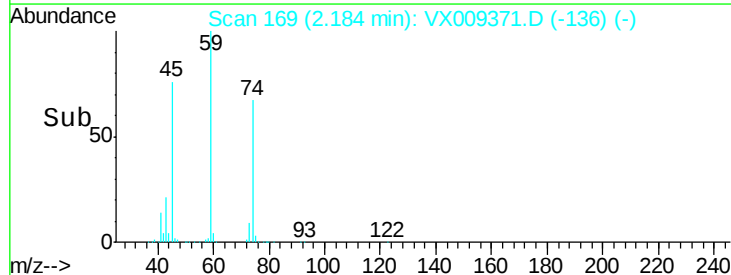
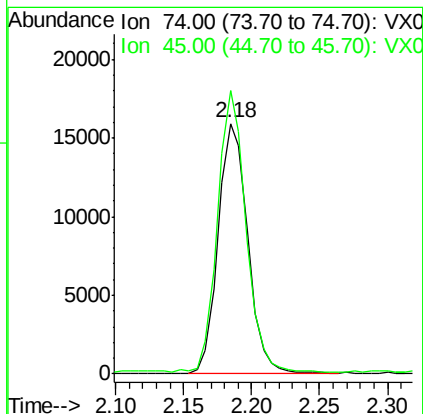
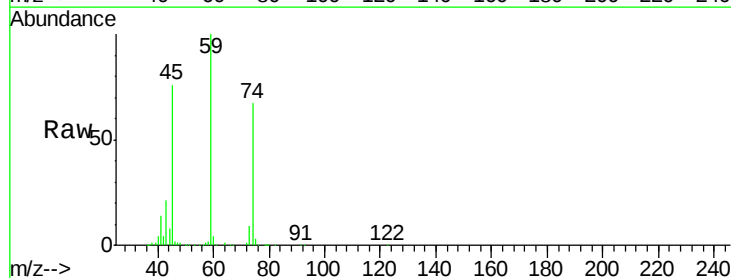
Tot Ion:101 Resp: 51690
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.9 77.9

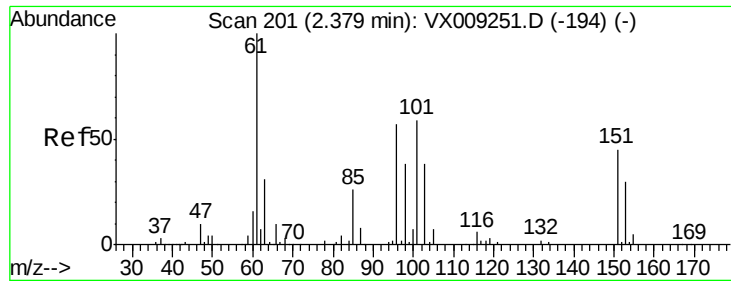


#8

Diethyl Ether
 Concen: 19.636 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX009371.D
 Acq: 07 May 2019 12:01

Tgt Ion: 74 Resp: 24141
 Ion Ratio Lower Upper
 74 100
 45 108.9 21.5 193.9

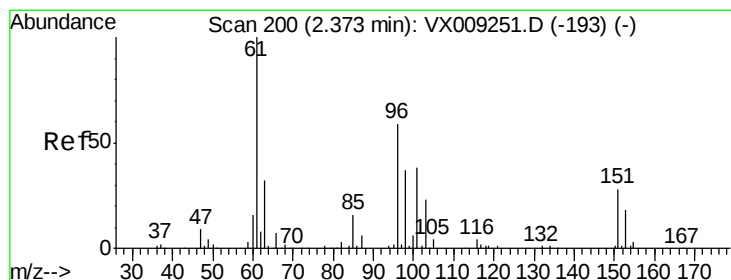
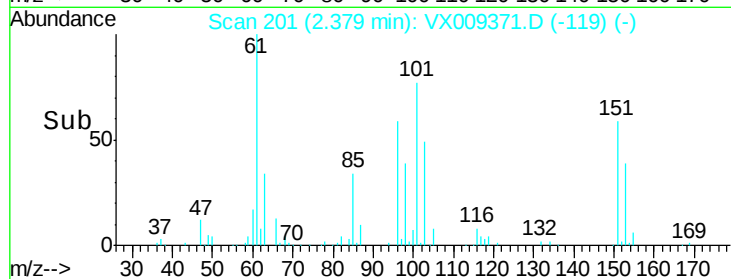
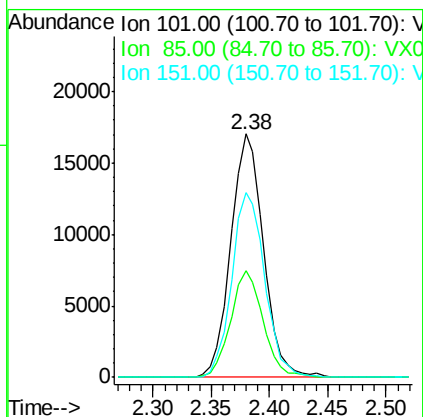
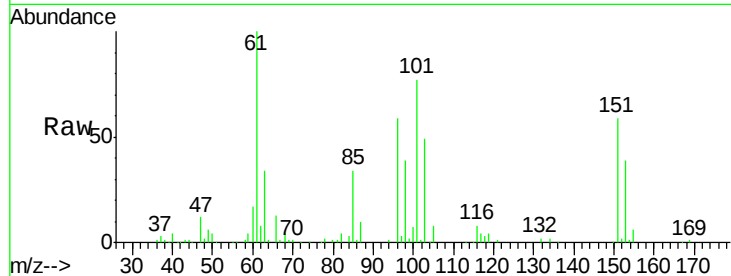




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.350 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.00 min
 Lab File: VX009371.D
 Acq: 07 May 2019 12:01

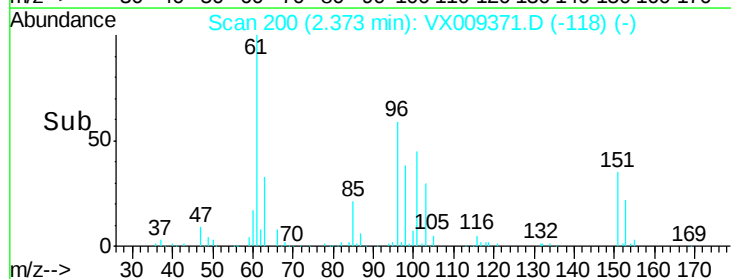
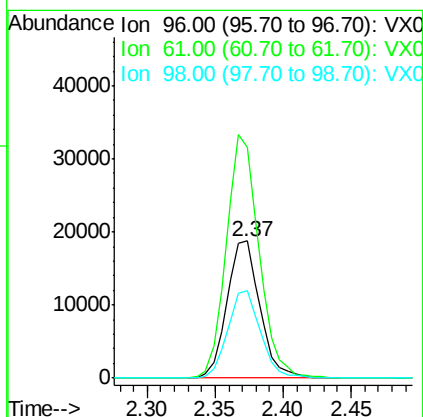
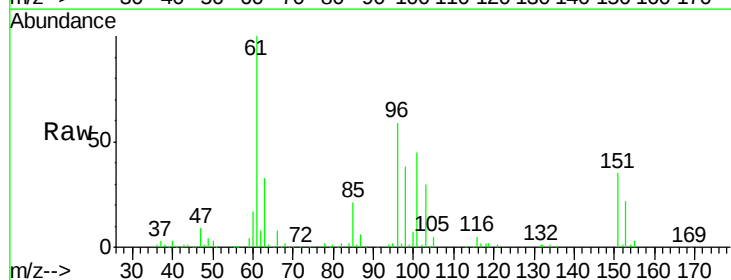
Instrument :
 MSVOA_F
 ClientSampleId :
 VX0507WBS01

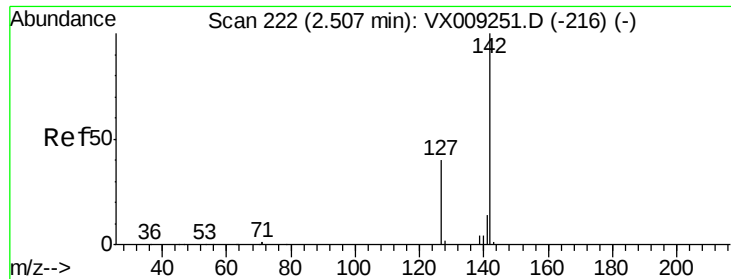
Tot Ion:101 Resp: 33359
 Ion Ratio Lower Upper
 101 100
 85 43.6 0.0 87.4
 151 76.5 0.0 157.0



#10
 1,1-Dichloroethene
 Concen: 19.237 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX009371.D
 Acq: 07 May 2019 12:01

Tgt Ion: 96 Resp: 31663
 Ion Ratio Lower Upper
 96 100
 61 168.7 136.5 204.7
 98 64.0 51.0 76.4

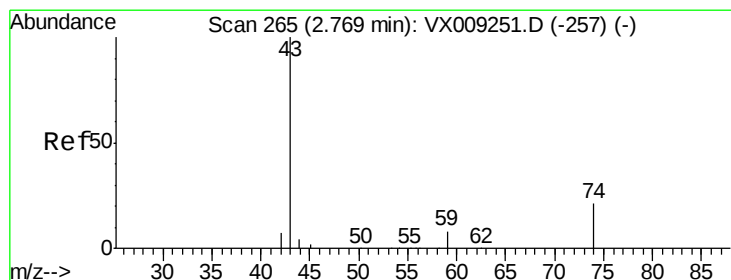
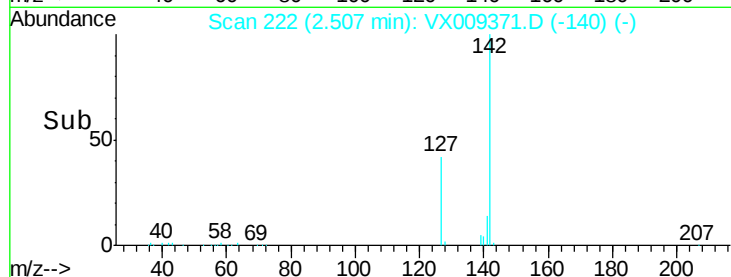
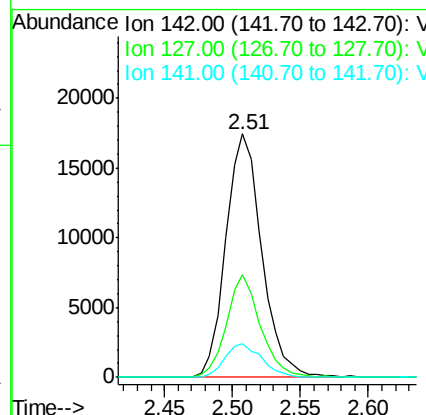
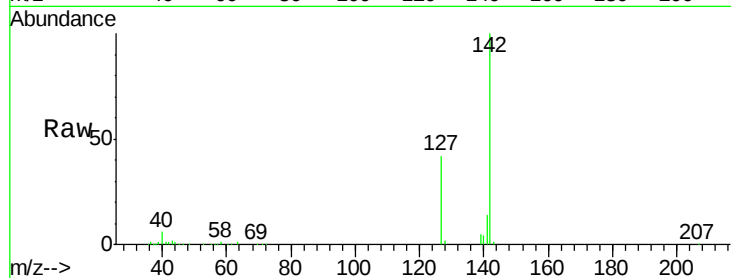




#11
Methvl Iodide
Concen: 17.923 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX009371.D
Acq: 07 May 2019 12:01

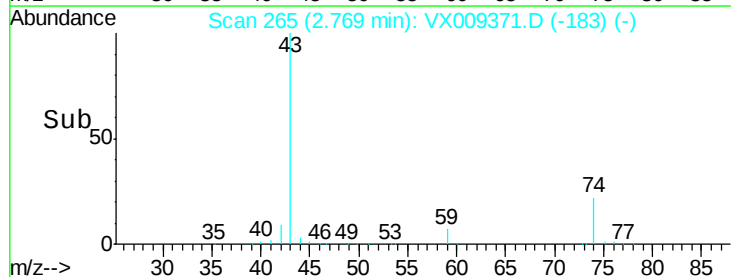
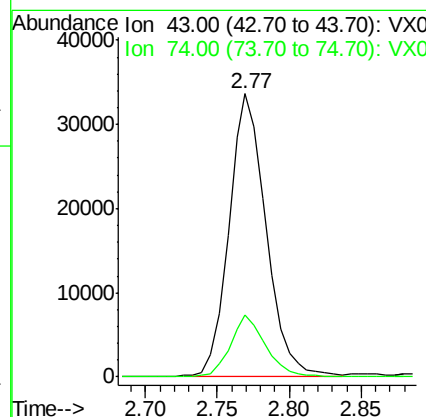
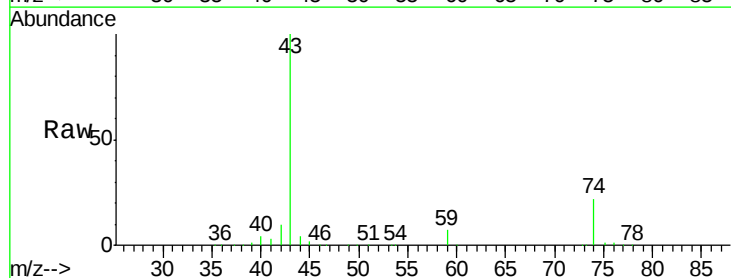
Instrument :
MSVOA_F
ClientSampleId :
VX0507WBS01

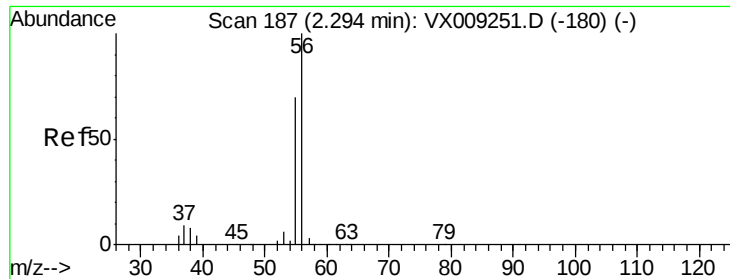
Tot Ion:142 Resp: 32070
Ion Ratio Lower Upper
142 100
127 42.1 20.2 60.5
141 13.8 6.9 20.7



#12
Methyl Acetate
Concen: 19.232 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX009371.D
Acq: 07 May 2019 12:01

Tgt Ion: 43 Resp: 59623
Ion Ratio Lower Upper
43 100
74 21.7 16.5 24.7





#13

Acrolein

Concen: 85.868 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

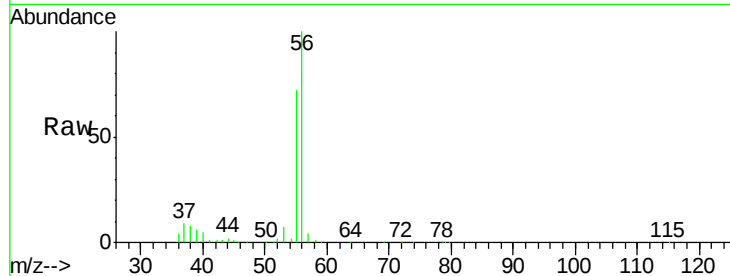
Instrument :
MSVOA_F
ClientSampleId :
VX0507WBS01

Tot Ion: 56 Resp: 36513

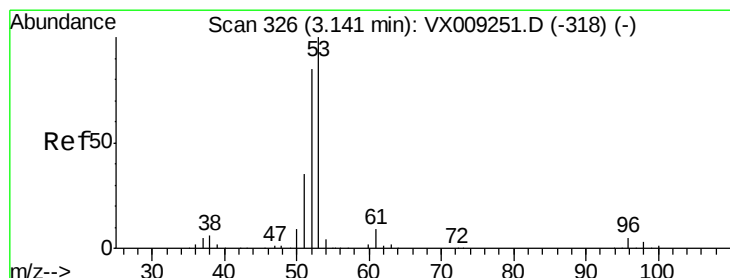
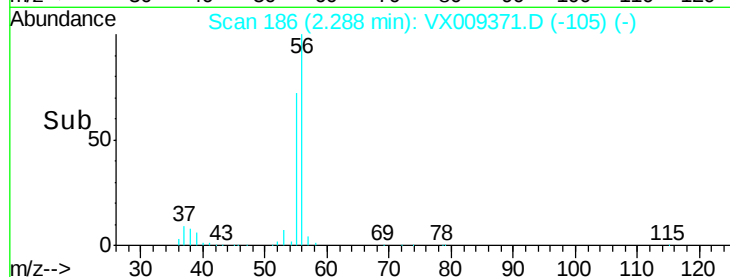
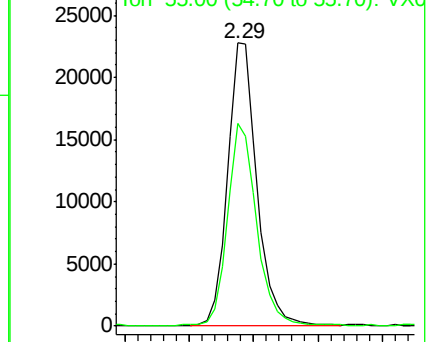
Ion Ratio Lower Upper

56 100

55 70.0 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 98.909 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

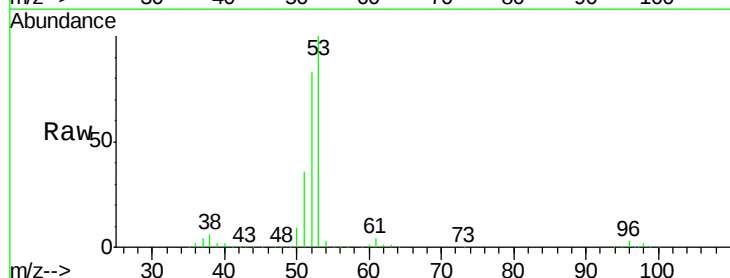
Tgt Ion: 53 Resp: 133079

Ion Ratio Lower Upper

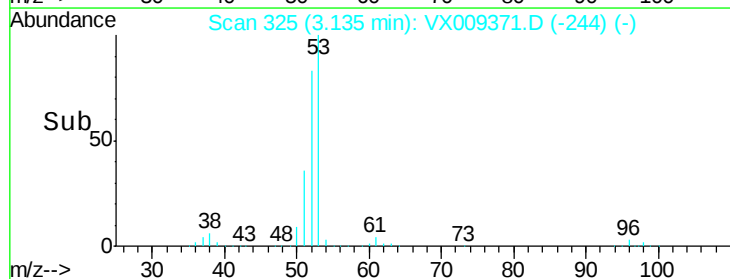
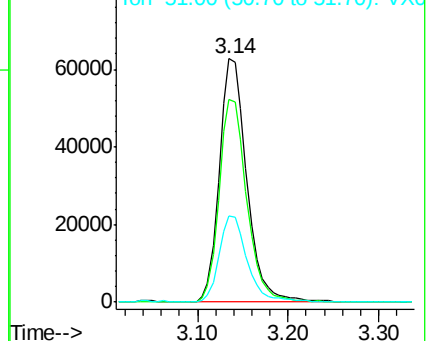
53 100

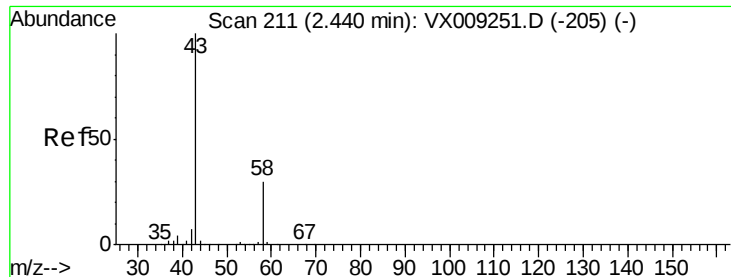
52 83.8 41.5 124.5

51 35.9 17.8 53.3



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 97.716 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

Instrument :

MSVOA_F

ClientSampleId :

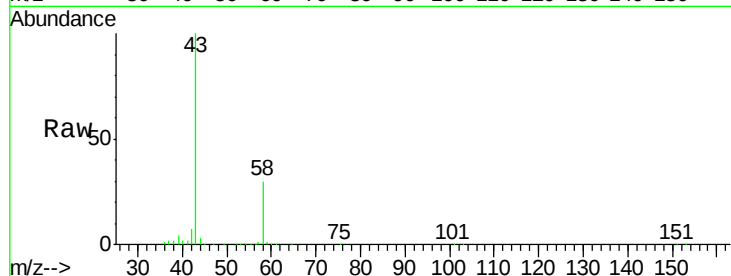
VX0507WBS01

Tot Ion: 58 Resp: 37748

Ion Ratio Lower Upper

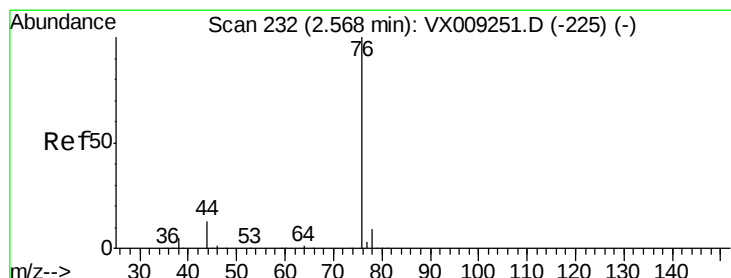
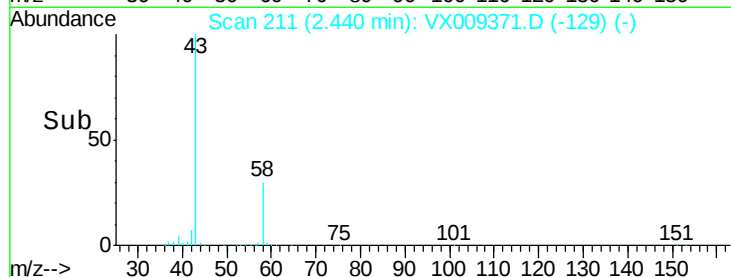
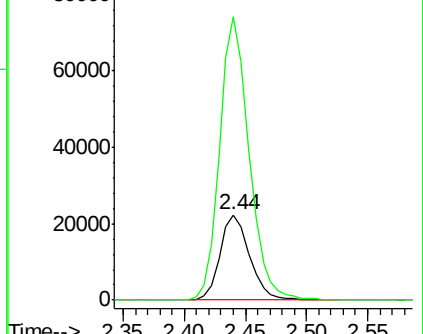
58 100

43 331.8 264.0 396.0



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 17.981 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009371.D

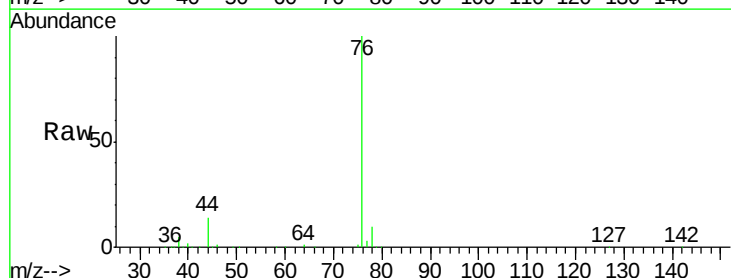
Acq: 07 May 2019 12:01

Tgt Ion: 76 Resp: 80079

Ion Ratio Lower Upper

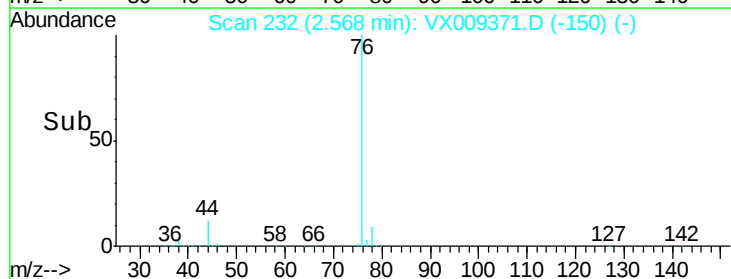
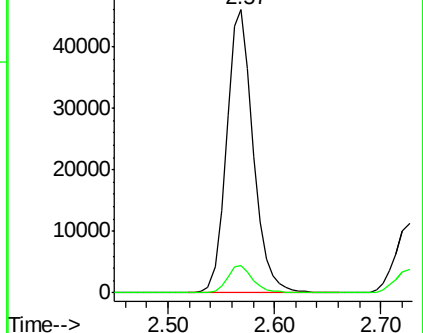
76 100

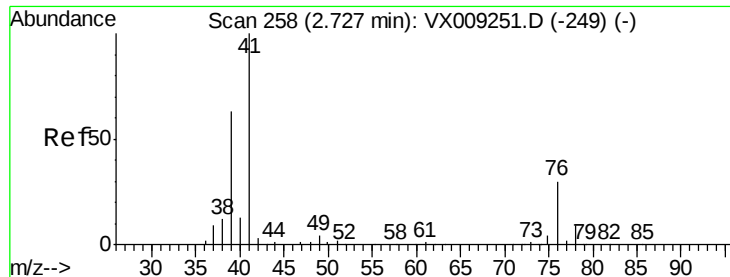
78 9.6 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

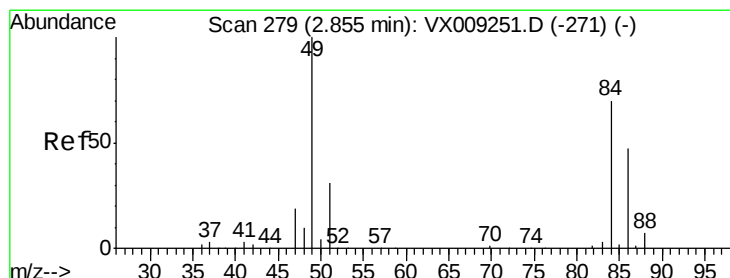
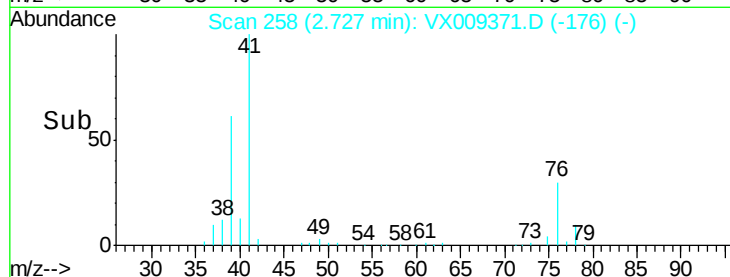
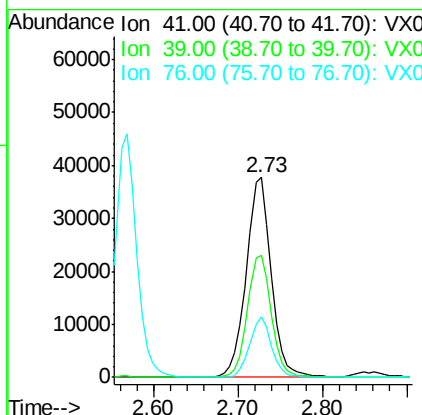
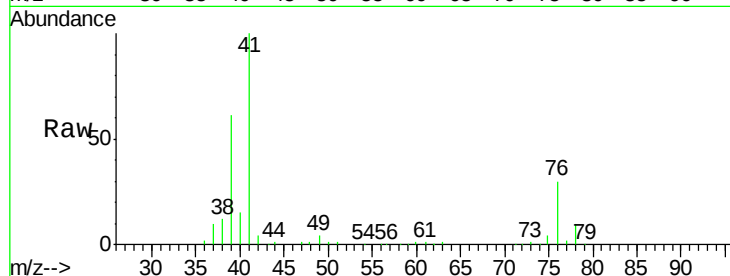




#17
Allvl chloride
Concen: 19.159 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX009371.D
Acq: 07 May 2019 12:01

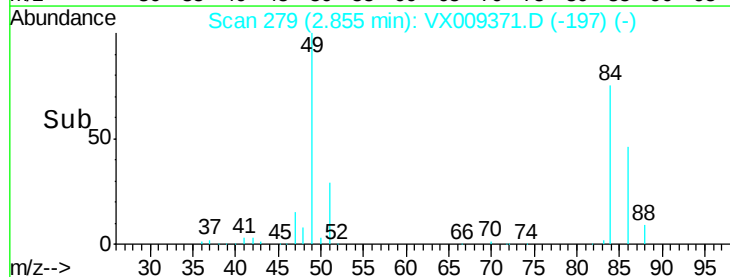
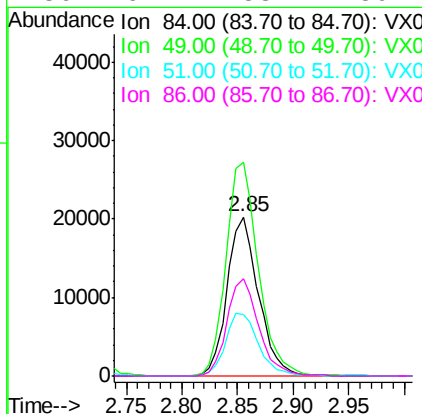
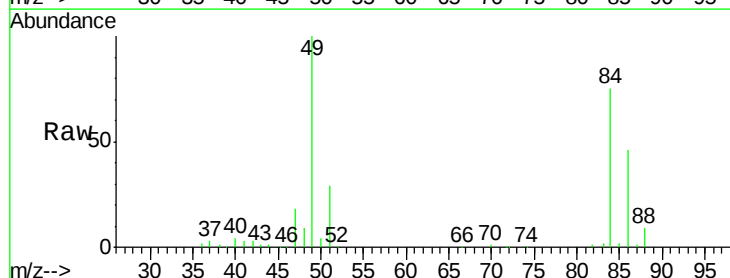
Instrument :
MSVOA_F
ClientSampleId :
VX0507WBS01

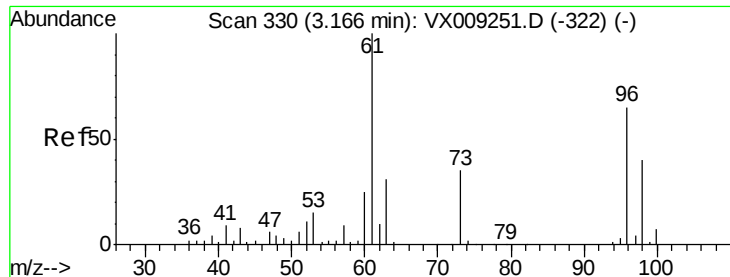
Tot Ion: 41 Resp: 75711
Ion Ratio Lower Upper
41 100
39 60.8 31.6 94.7
76 30.2 15.1 45.3



#18
Methylene Chloride
Concen: 19.922 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009371.D
Acq: 07 May 2019 12:01

Tgt Ion: 84 Resp: 39631
Ion Ratio Lower Upper
84 100
49 134.2 114.6 171.8
51 38.5 35.5 53.3
86 61.4 53.4 80.2





#19

trans-1,2-Dichloroethene

Concen: 19.330 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

Instrument :

MSVOA_F

ClientSampleId :

VX0507WBS01

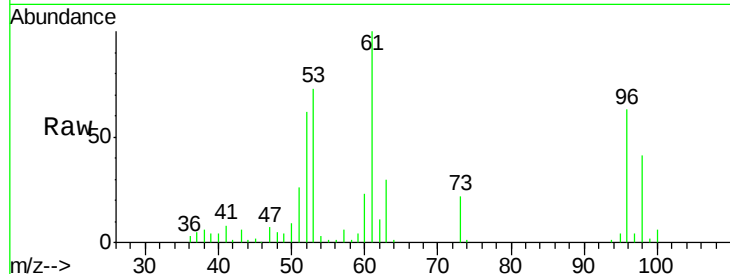
Tot Ion: 96 Resp: 33923

Ion Ratio Lower Upper

96 100

61 158.1 122.7 184.1

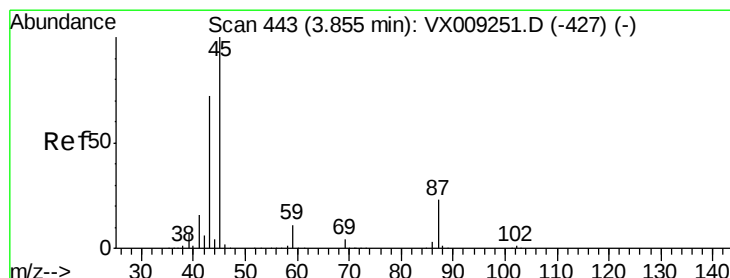
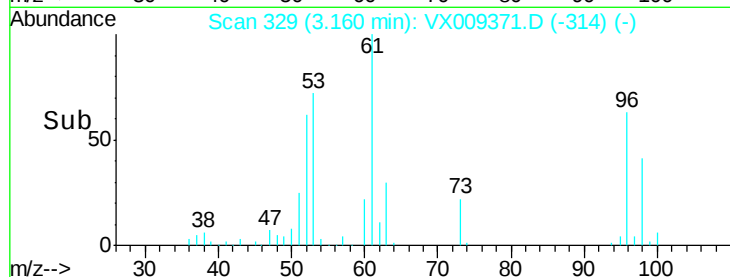
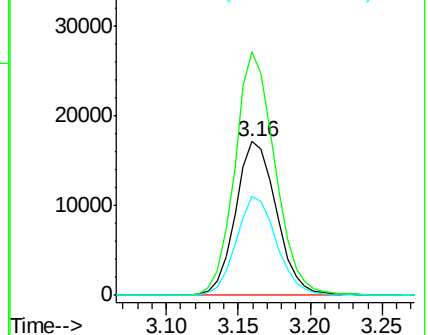
98 64.6 49.5 74.3



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 19.604 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

Tgt Ion: 45 Resp: 152551

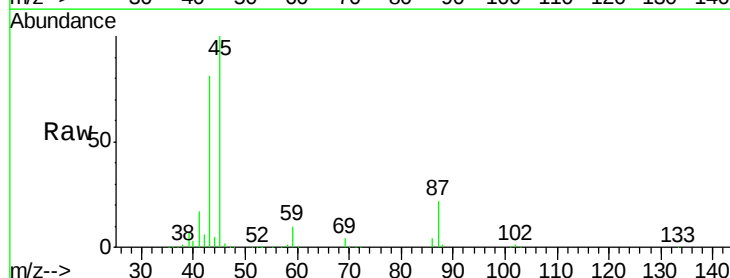
Ion Ratio Lower Upper

45 100

43 81.1 57.7 86.5

87 21.8 18.5 27.7

59 10.1 8.8 13.2

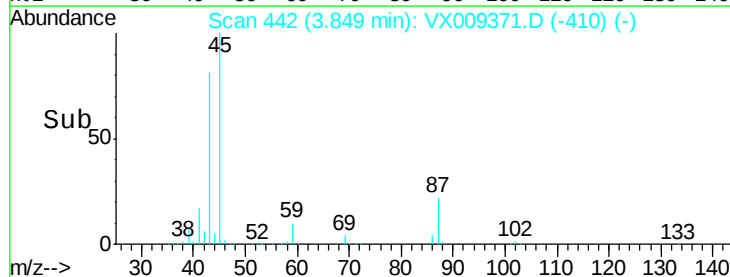
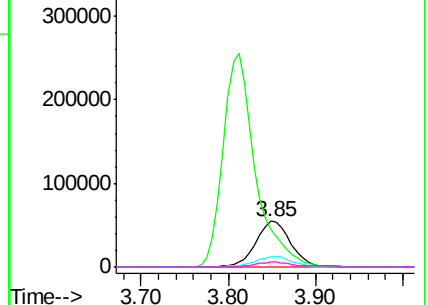


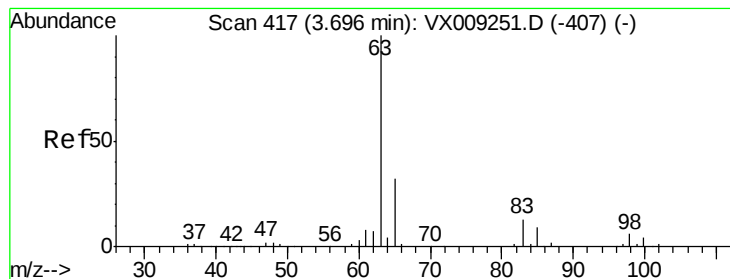
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 19.646 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

Instrument :

MSVOA_F

ClientSampleId :

VX0507WBS01

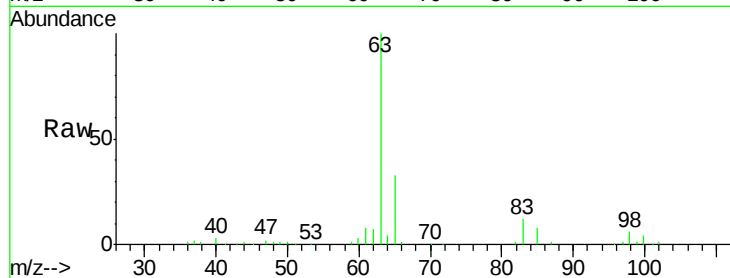
Tot Ion: 63 Resp: 73987

Ion Ratio Lower Upper

63 100

98 5.6 3.1 9.3

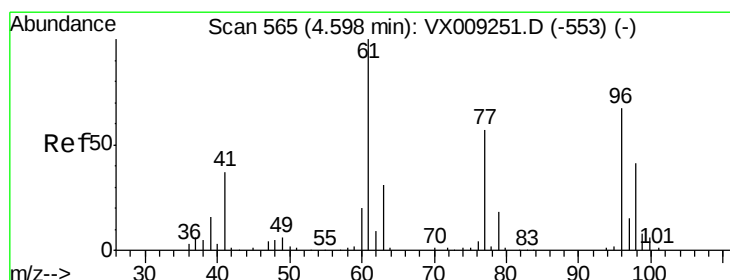
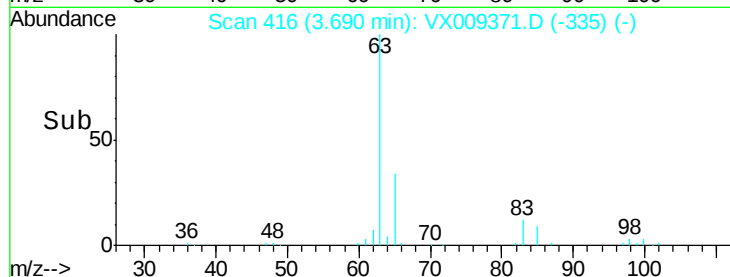
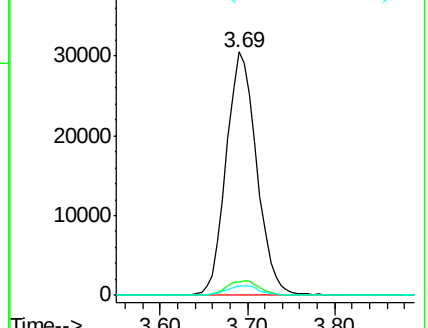
100 4.0 2.2 6.6



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 19.849 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

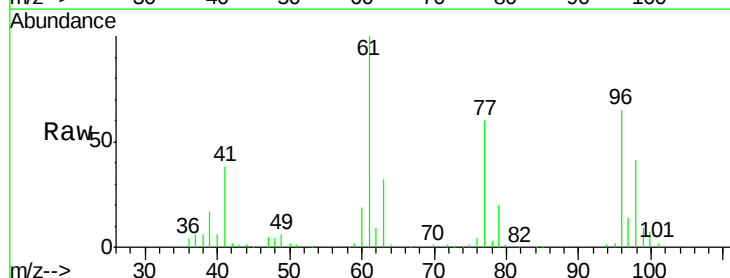
Tgt Ion: 96 Resp: 41959

Ion Ratio Lower Upper

96 100

61 159.3 127.7 191.5

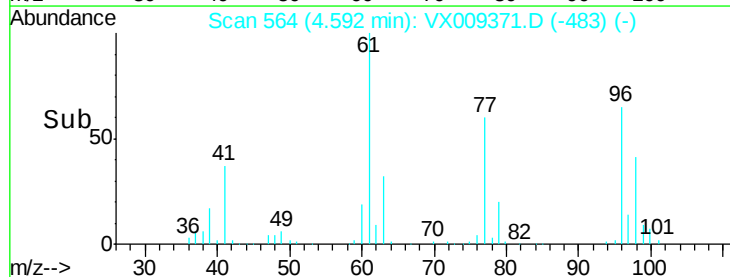
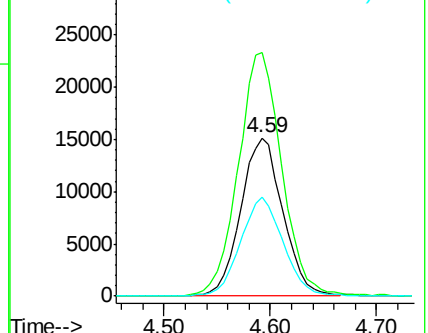
98 63.3 50.5 75.7

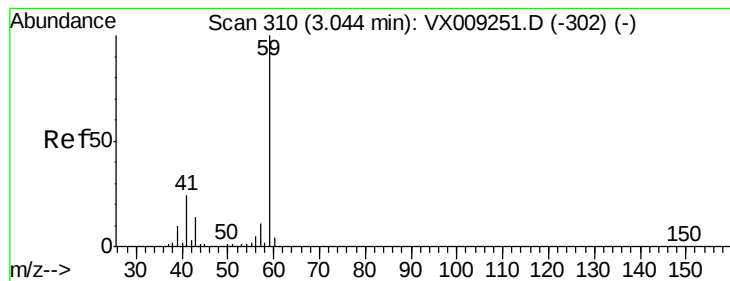


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 94.122 ug/l

RT: 3.04 min Scan# 310

Delta R.T. 0.00 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

Instrument :

MSVOA_F

ClientSampleId :

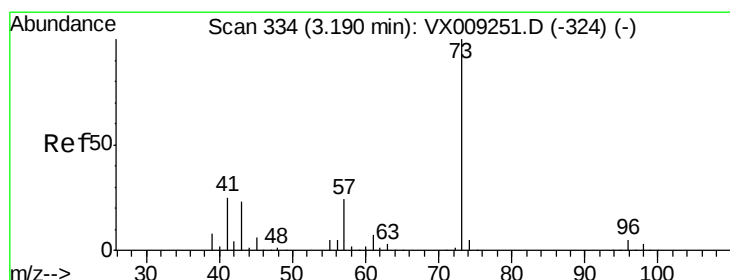
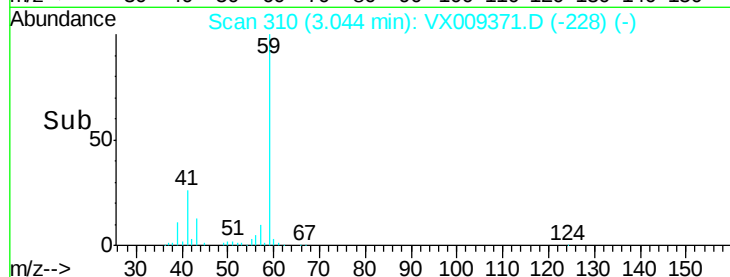
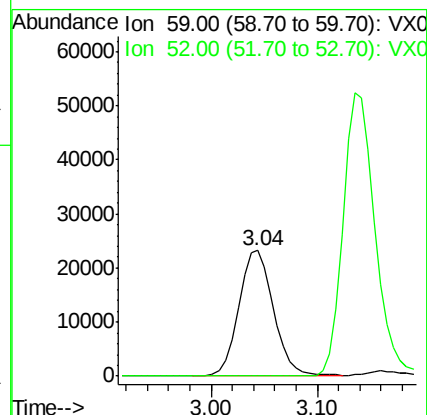
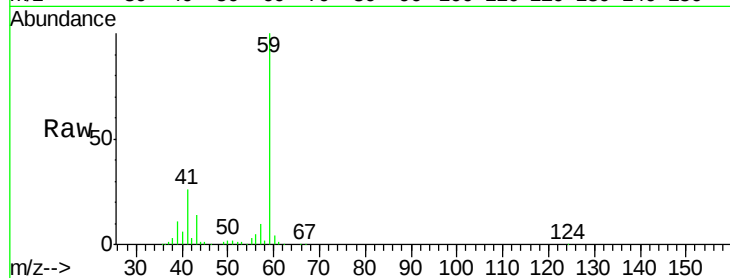
VX0507WBS01

Tot Ion: 59 Resp: 53548

Ion Ratio Lower Upper

59 100

52 0.6 0.2 0.2#



#24

Methyl tert-Butyl Ether

Concen: 19.587 ug/l

RT: 3.19 min Scan# 334

Delta R.T. 0.00 min

Lab File: VX009371.D

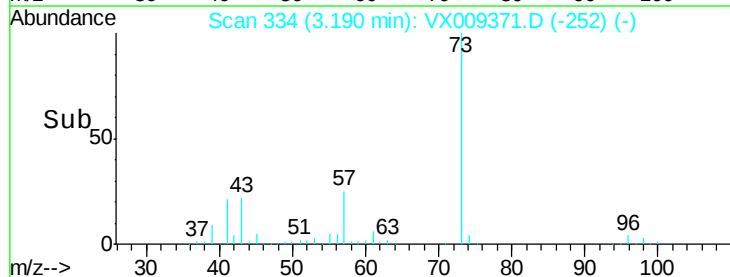
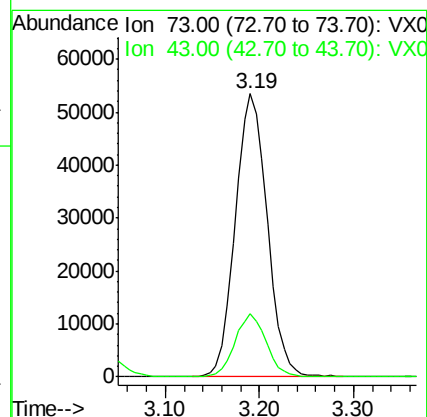
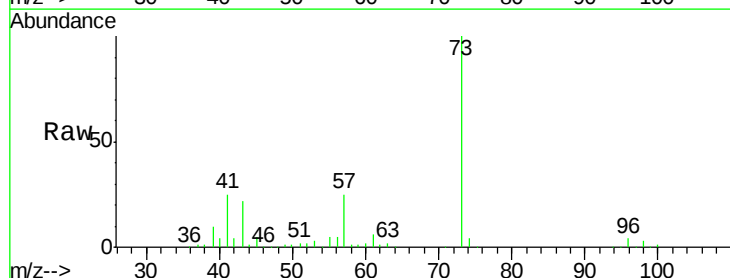
Acq: 07 May 2019 12:01

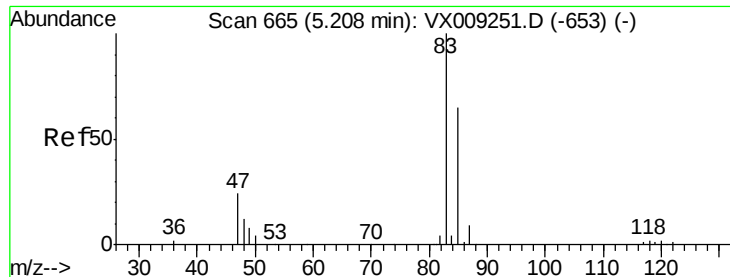
Tgt Ion: 73 Resp: 126170

Ion Ratio Lower Upper

73 100

43 21.3 17.6 26.4





#25

Chloroform

Concen: 19.911 ug/l

RT: 5.20 min Scan# 664

Delta R.T. -0.01 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

Instrument :

MSVOA_F

ClientSampleId :

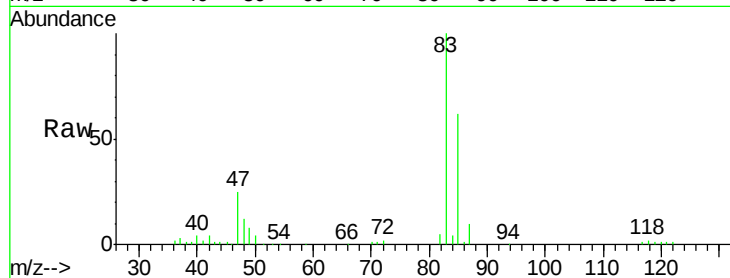
VX0507WBS01

Tot Ion: 83 Resp: 68429

Ion Ratio Lower Upper

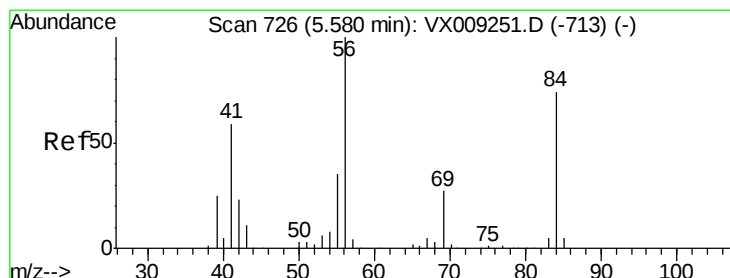
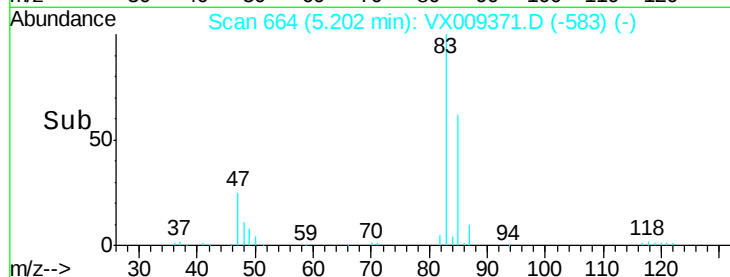
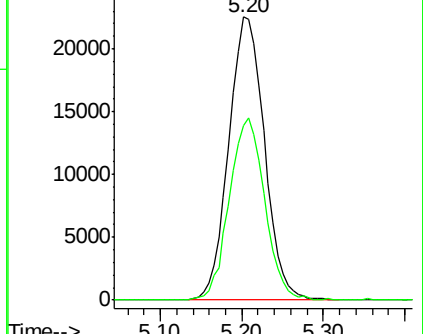
83 100

85 61.8 51.9 77.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 18.961 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

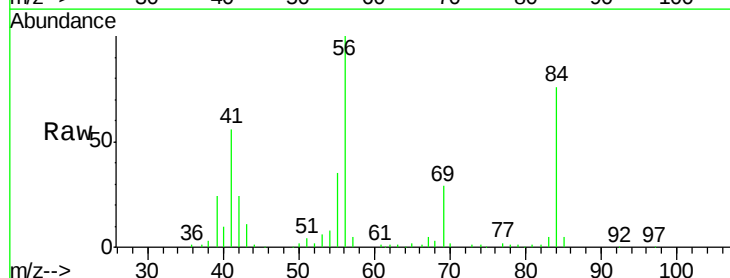
Tgt Ion: 56 Resp: 66549

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

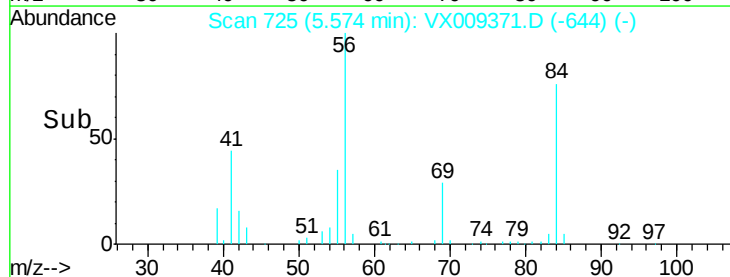
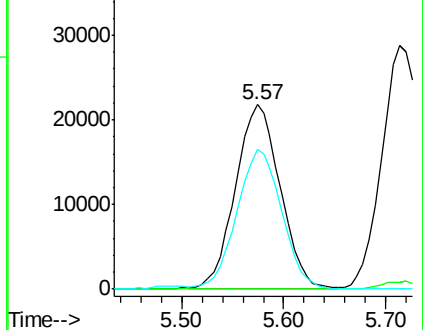
84 75.8 59.7 89.5

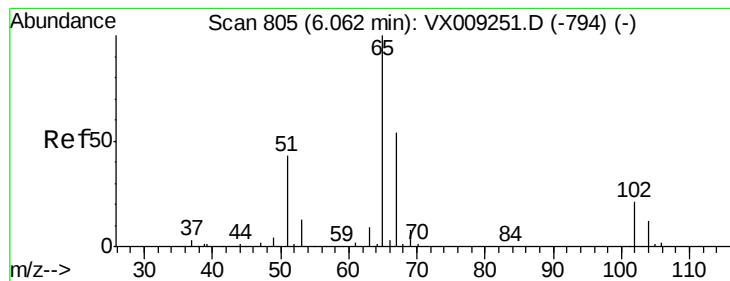


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 29.933 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

Instrument :

MSVOA_F

ClientSampleId :

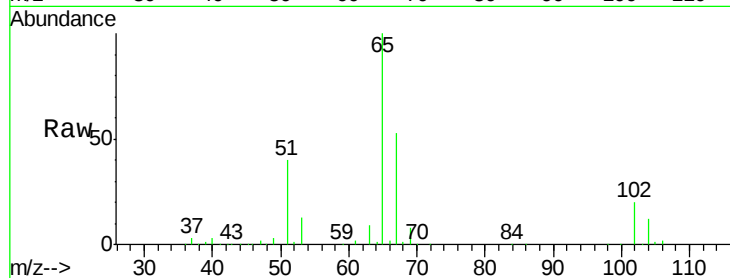
VX0507WBS01

Tot Ion: 65 Resp: 74724

Ion Ratio Lower Upper

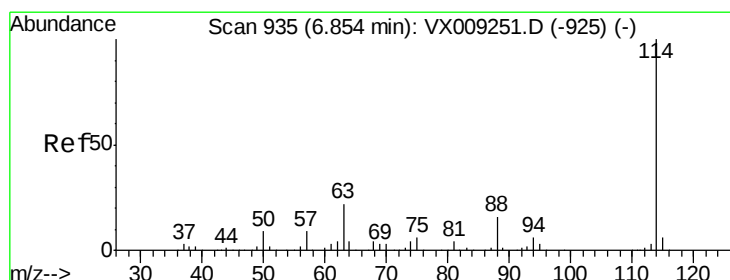
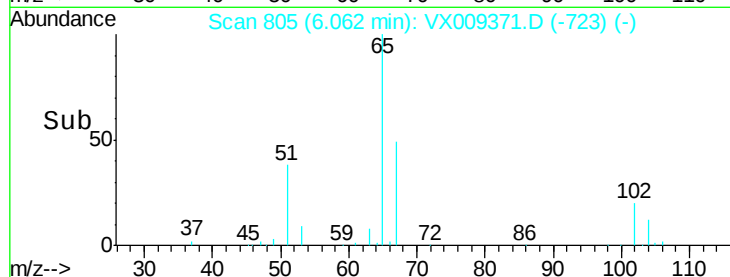
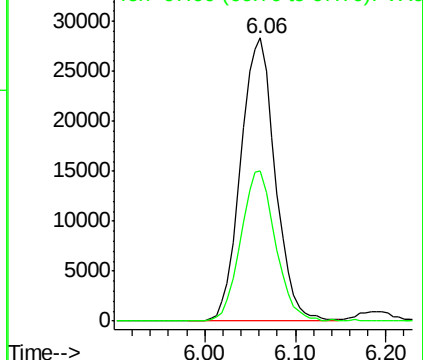
65 100

67 53.1 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

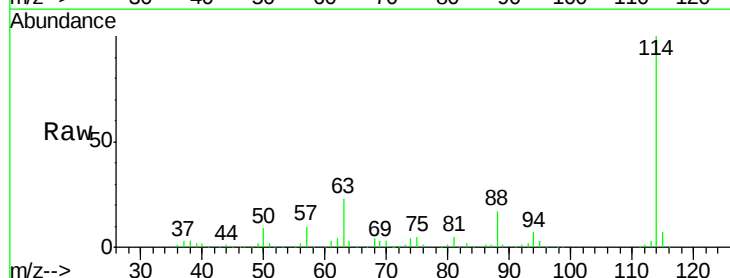
Tgt Ion: 114 Resp: 173793

Ion Ratio Lower Upper

114 100

63 22.9 18.0 27.0

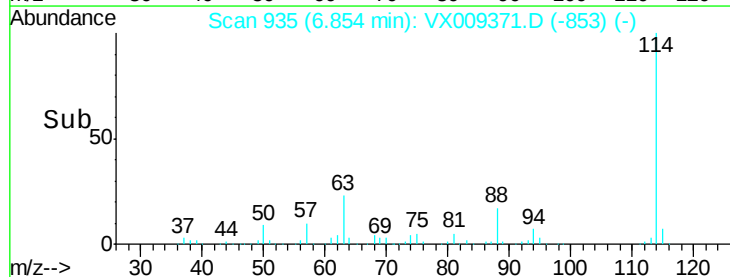
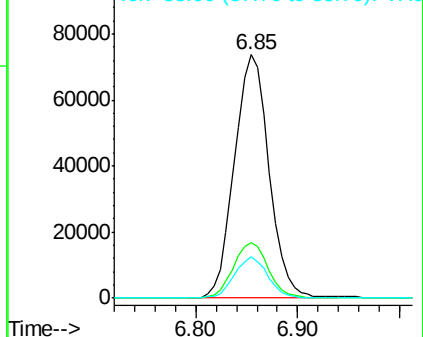
88 16.4 13.4 20.0

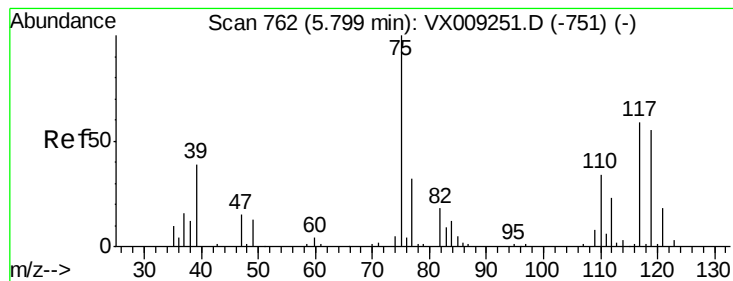


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 19.658 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

Instrument :

MSVOA_F

ClientSampleId :

VX0507WBS01

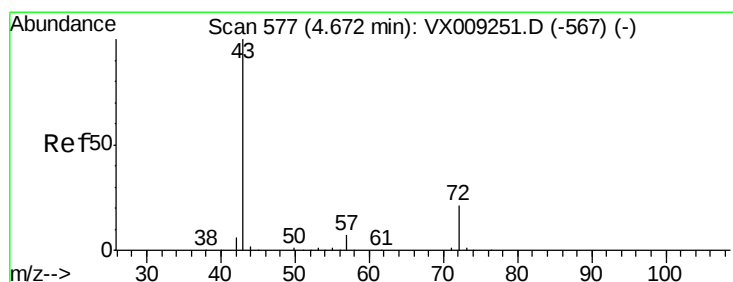
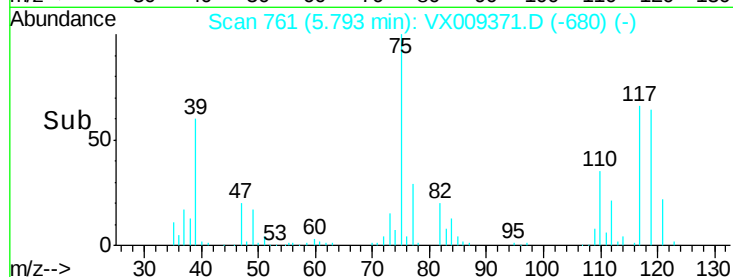
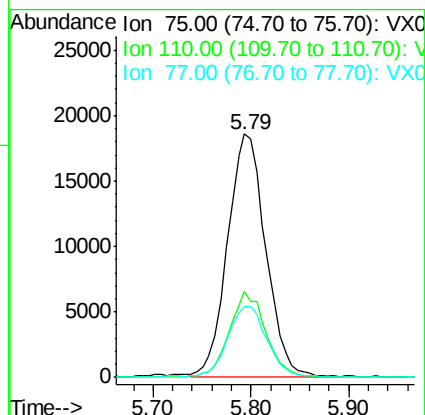
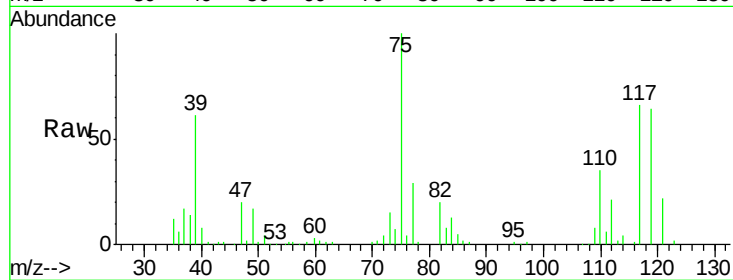
Tot Ion: 75 Resp: 50131

Ion Ratio Lower Upper

75 100

110 33.9 0.0 66.4

77 30.3 0.0 62.2



#30

2-Butanone

Concen: 99.170 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

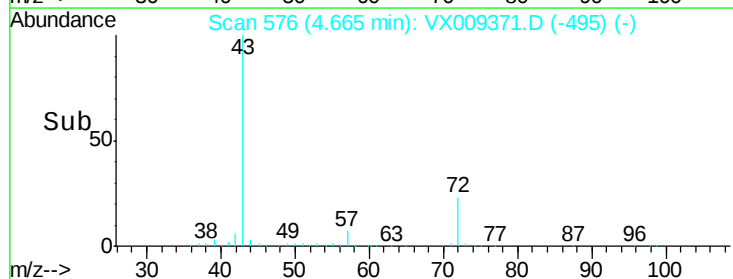
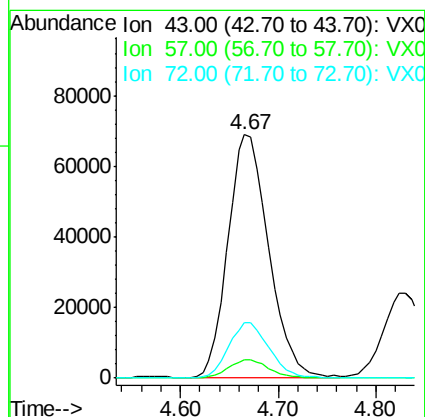
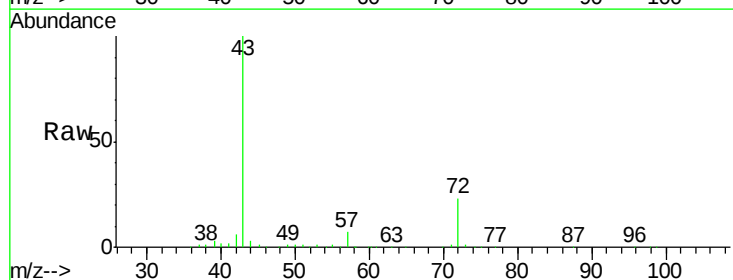
Tgt Ion: 43 Resp: 198053

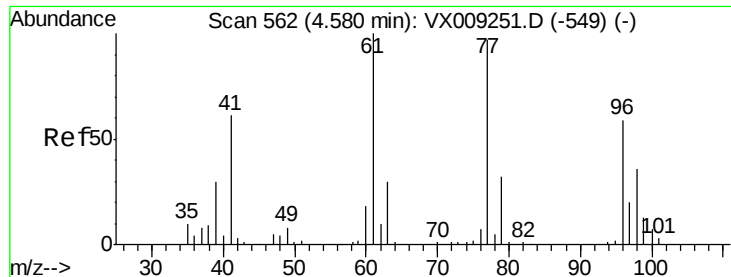
Ion Ratio Lower Upper

43 100

57 7.5 6.0 9.0

72 22.7 18.2 27.4

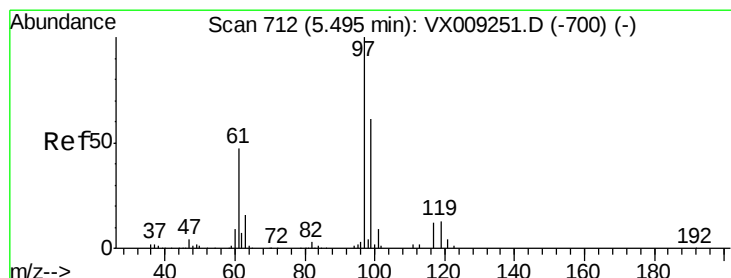
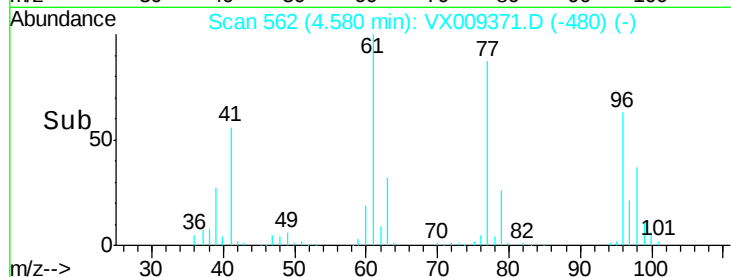
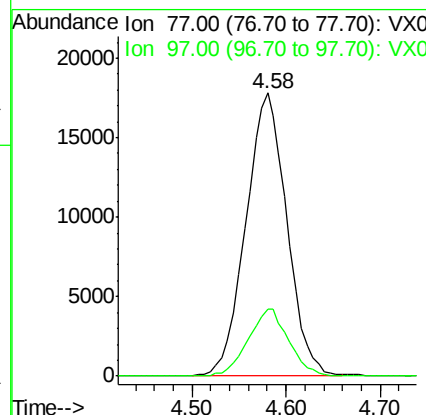
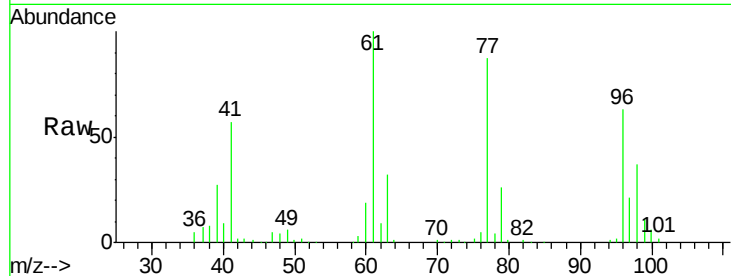




#31
 2,2-Dichloropropane
 Concen: 19.272 ug/l
 RT: 4.58 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: VX009371.D
 Acq: 07 May 2019 12:01

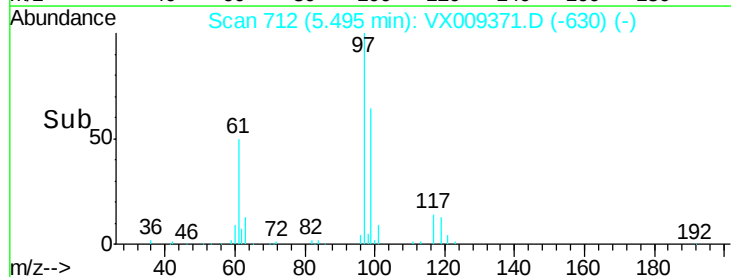
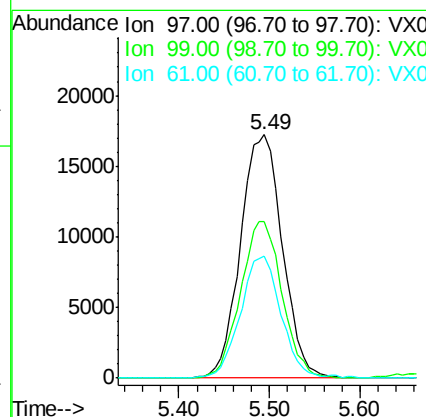
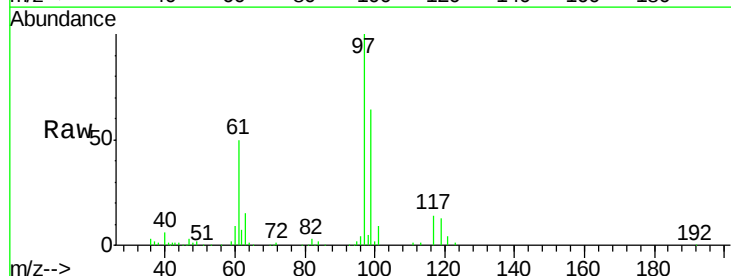
Instrument :
 MSVOA_F
 ClientSampleId :
 VX0507WBS01

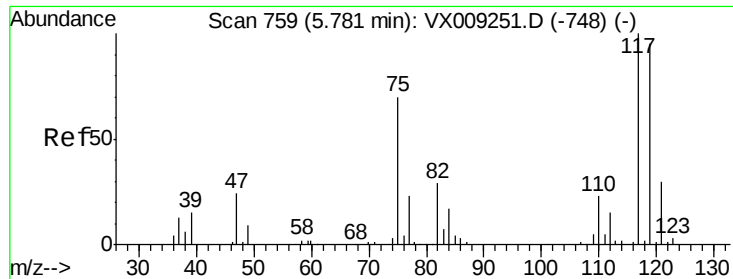
Tot Ion: 77 Resp: 54181
 Ion Ratio Lower Upper
 77 100
 97 23.4 18.3 27.5



#32
 1,1,1-Trichloroethane
 Concen: 19.946 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX009371.D
 Acq: 07 May 2019 12:01

Tgt Ion: 97 Resp: 55141
 Ion Ratio Lower Upper
 97 100
 99 63.7 53.9 80.9
 61 48.2 38.6 58.0





#33

Carbon Tetrachloride

Concen: 19.762 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

Instrument :

MSVOA_F

ClientSampleId :

VX0507WBS01

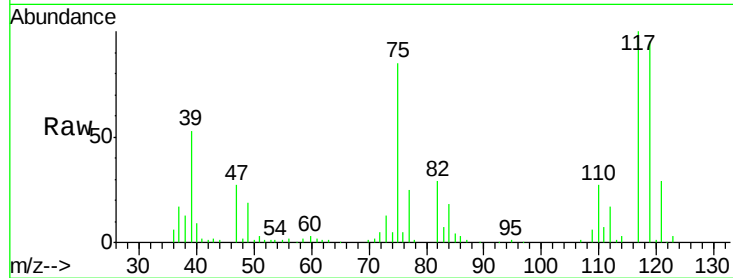
Tot Ion:117 Resp: 45710

Ion Ratio Lower Upper

117 100

119 95.0 76.1 114.1

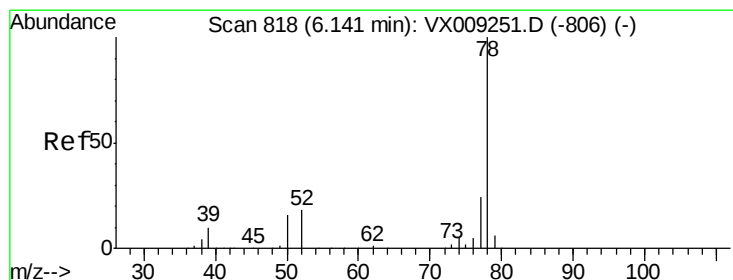
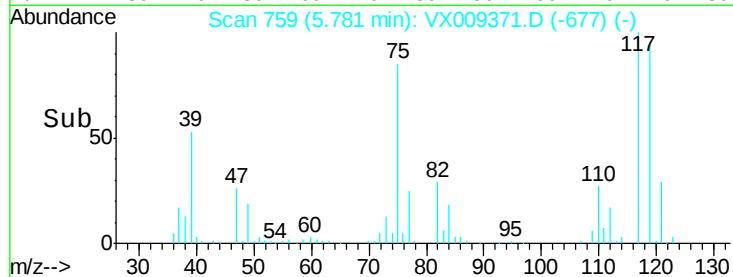
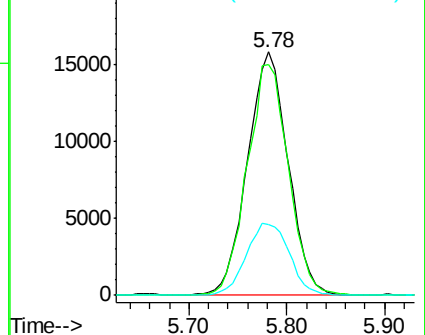
121 29.0 24.4 36.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 20.077 ug/l

RT: 6.13 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

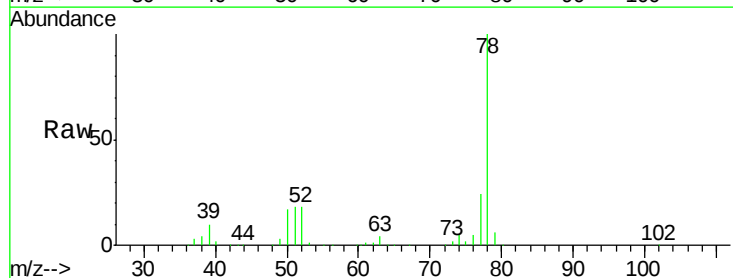
Tgt Ion: 78 Resp: 157845

Ion Ratio Lower Upper

78 100

77 24.1 18.8 28.2

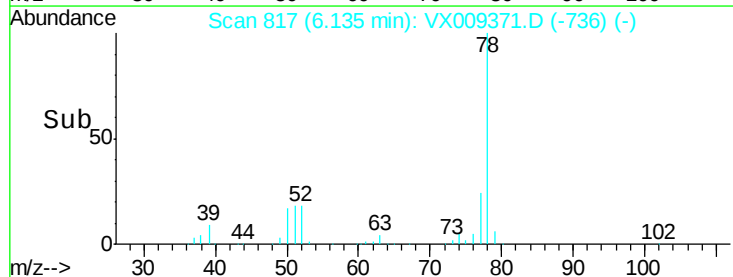
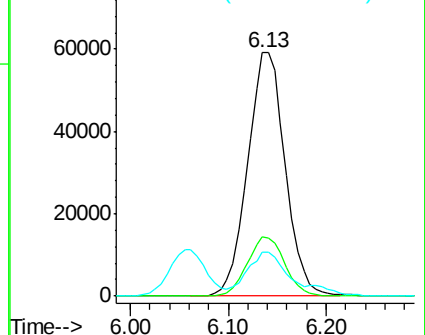
51 16.7 13.5 20.3

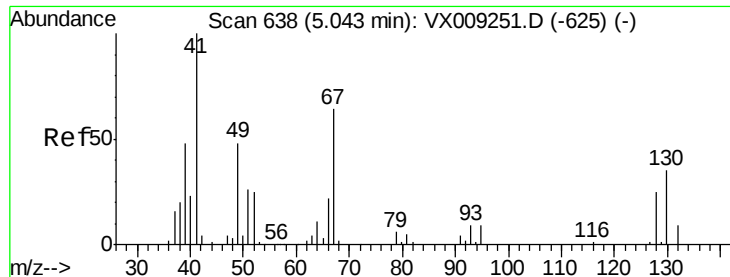


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

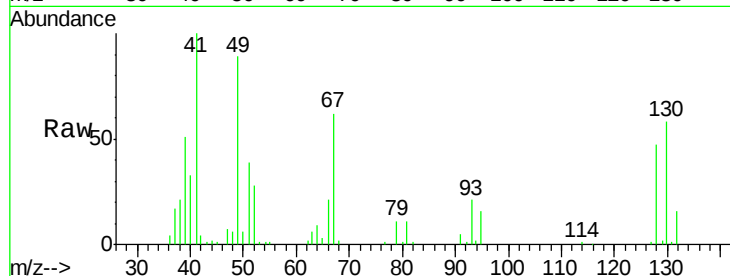




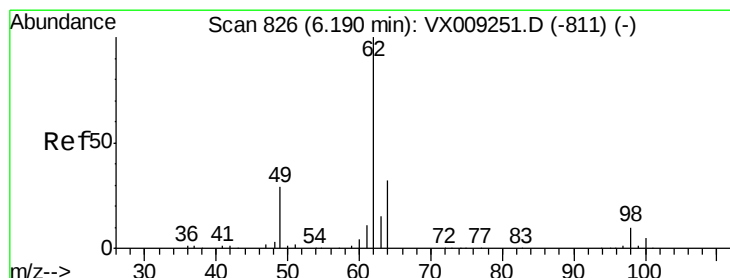
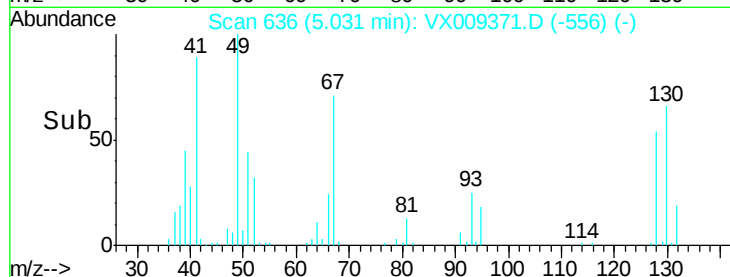
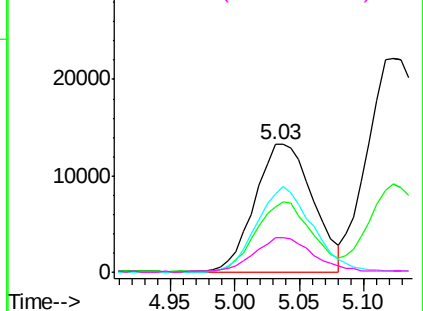
#35
Methacrylonitrile
Concen: 19.773 ug/l
RT: 5.03 min Scan# 636
Delta R.T. -0.01 min
Lab File: VX009371.D
Acq: 07 May 2019 12:01

Instrument :
MSVOA_F
ClientSampleId :
VX0507WBS01

Tot Ion:	41	Resp:	41315
Ion	Ratio	Lower	Upper
41	100		
39	50.5	24.1	72.3
67	61.9	32.2	96.6
52	27.1	12.4	37.4

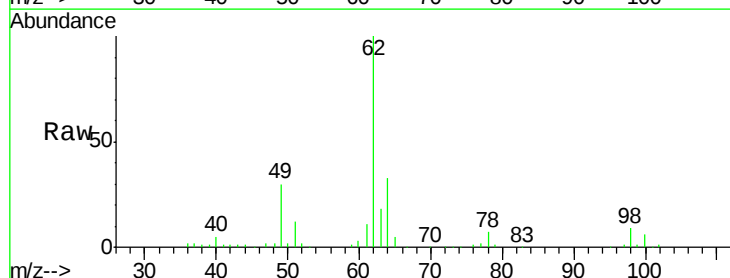


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

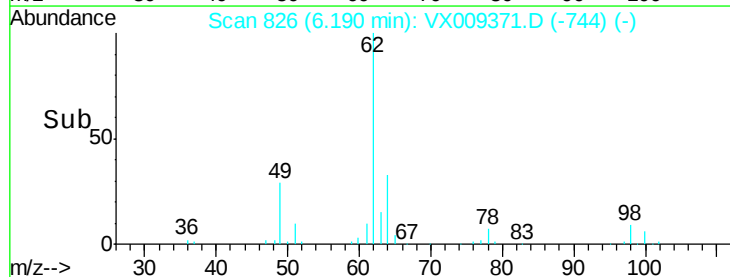
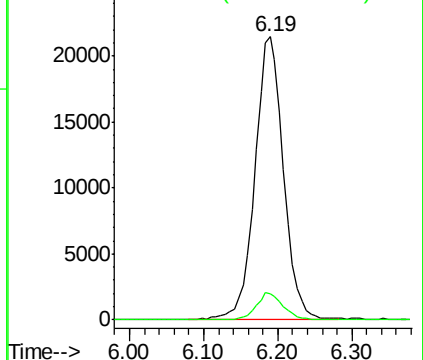


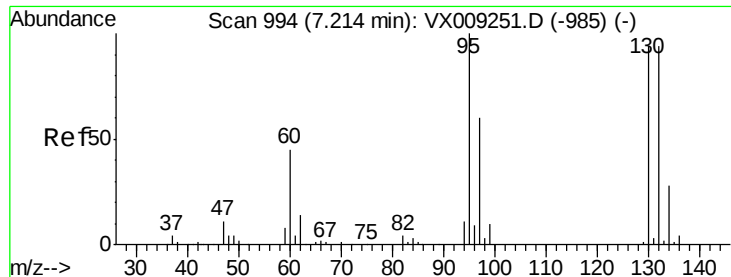
#36
1,2-Dichloroethane
Concen: 20.198 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX009371.D
Acq: 07 May 2019 12:01

Tgt Ion:	62	Resp:	57619
Ion	Ratio	Lower	Upper
62	100		
98	9.0	7.4	11.2



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

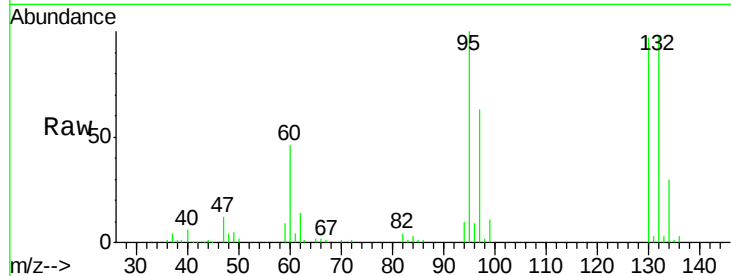




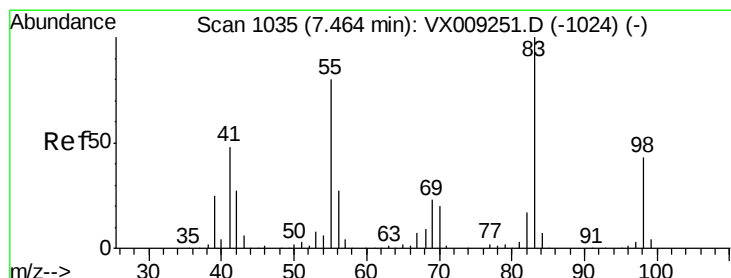
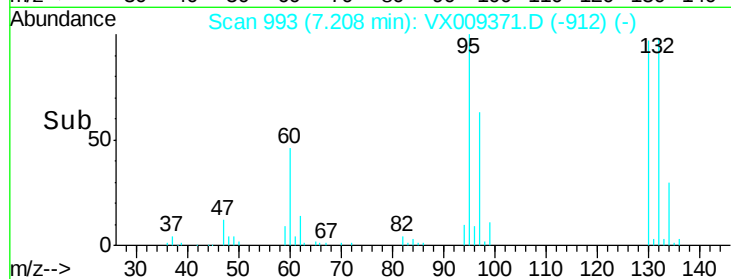
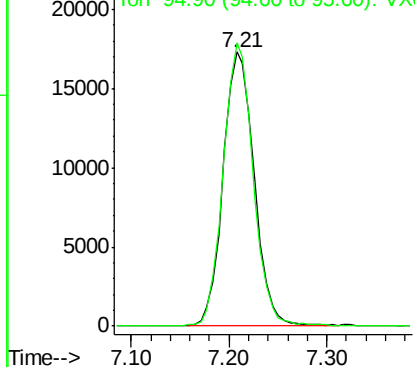
#37
 Trichloroethene
 Concen: 20.153 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX009371.D
 Acq: 07 May 2019 12:01

Instrument :
 MSVOA_F
 ClientSampleId :
 VX0507WBS01

Tot Ion:130 Resp: 38141
 Ion Ratio Lower Upper
 130 100
 95 103.0 85.0 127.4

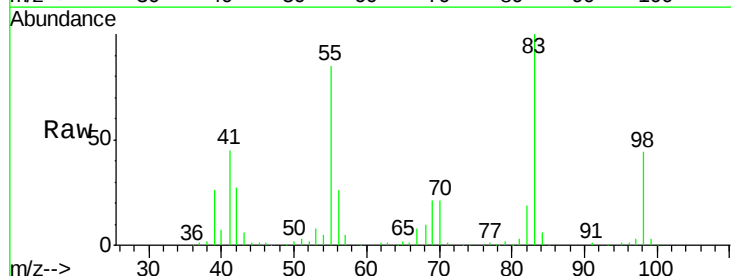


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

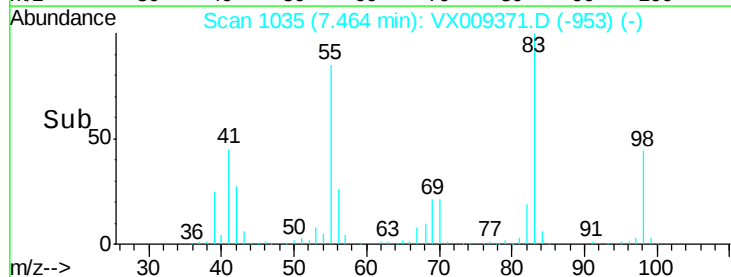
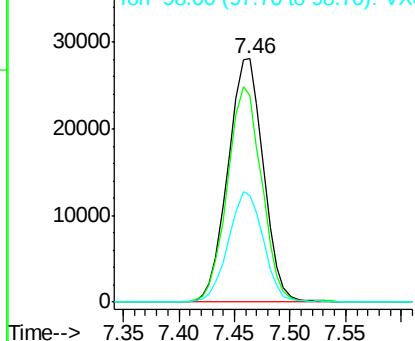


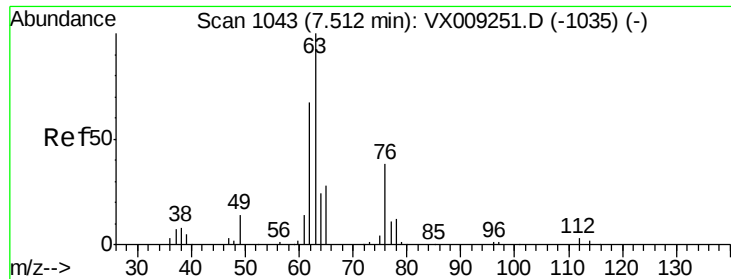
#38
 Methylcyclohexane
 Concen: 19.722 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: VX009371.D
 Acq: 07 May 2019 12:01

Tgt Ion: 83 Resp: 62137
 Ion Ratio Lower Upper
 83 100
 55 85.6 43.0 129.2
 98 44.8 22.1 66.1



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

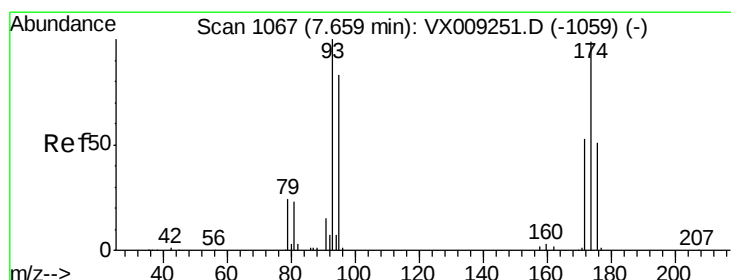
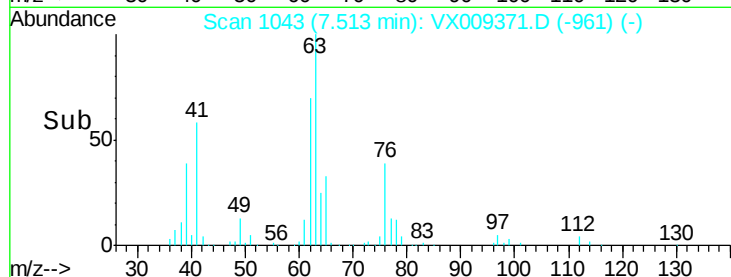
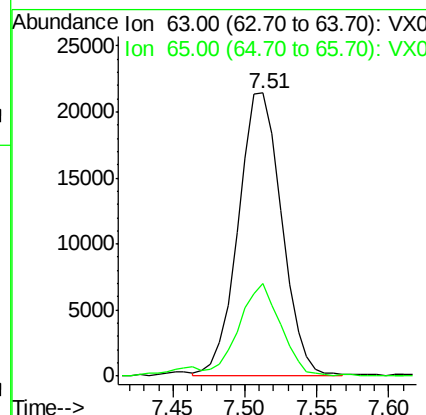
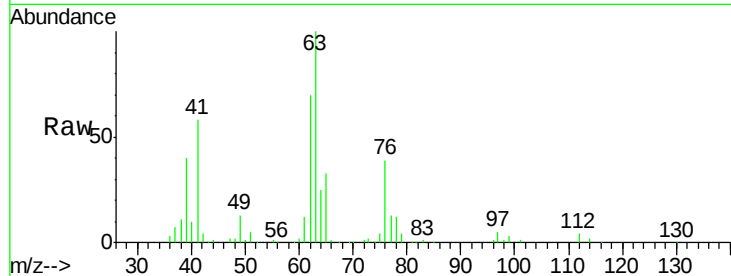




#39
 1,2-Dichloropropane
 Concen: 20.118 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009371.D
 Acq: 07 May 2019 12:01

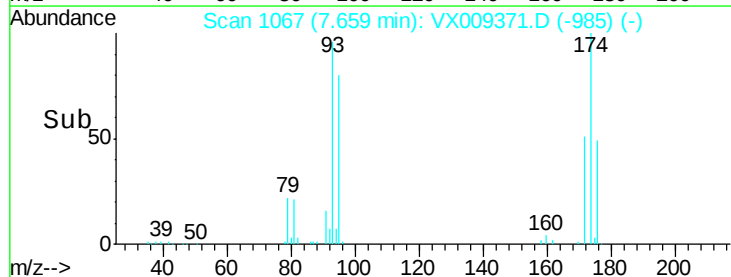
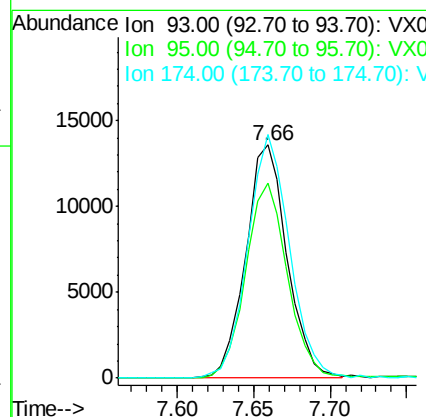
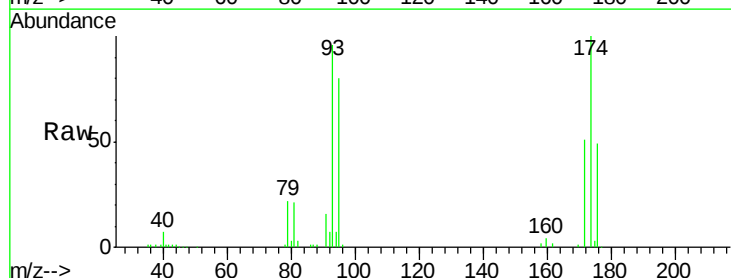
Instrument :
 MSVOA_F
 ClientSampleId :
 VX0507WBS01

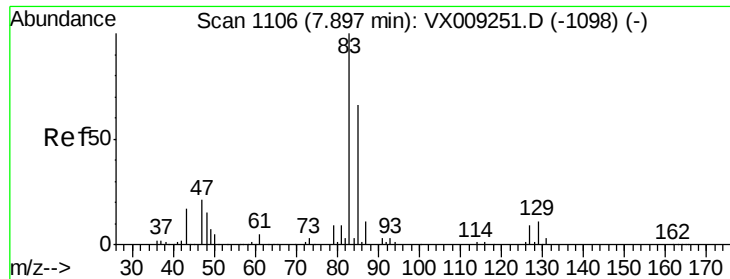
Tot Ion: 63 Resp: 45041
 Ion Ratio Lower Upper
 63 100
 65 32.6 24.0 36.0



#40
 Dibromomethane
 Concen: 20.142 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009371.D
 Acq: 07 May 2019 12:01

Tgt Ion: 93 Resp: 25594
 Ion Ratio Lower Upper
 93 100
 95 84.2 0.0 167.2
 174 104.9 0.0 203.4





#41

Bromodichloromethane

Concen: 20.093 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

Instrument :

MSVOA_F

ClientSampleId :

VX0507WBS01

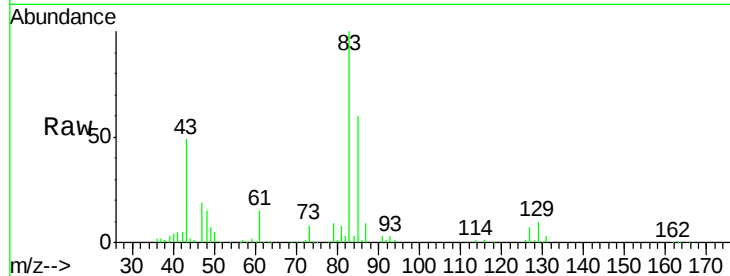
Tot Ion: 83 Resp: 52152

Ion Ratio Lower Upper

83 100

85 59.8 52.6 79.0

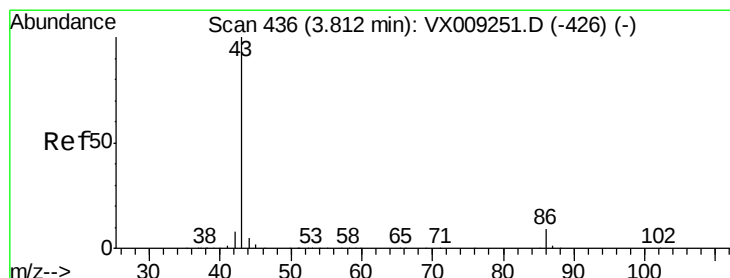
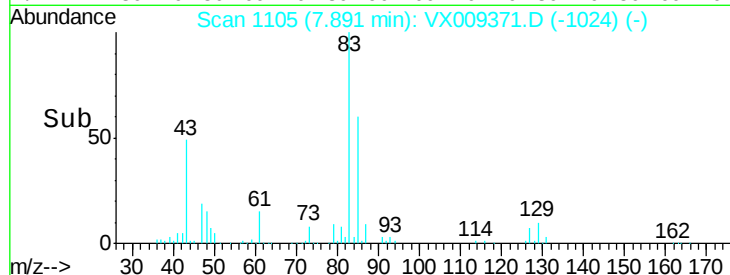
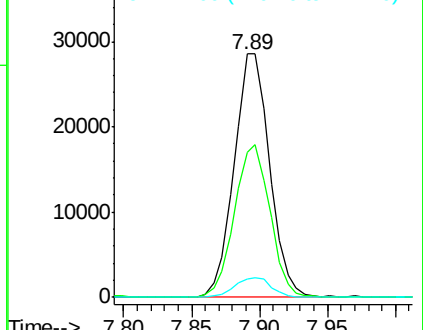
127 7.4 6.9 10.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 99.747 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009371.D

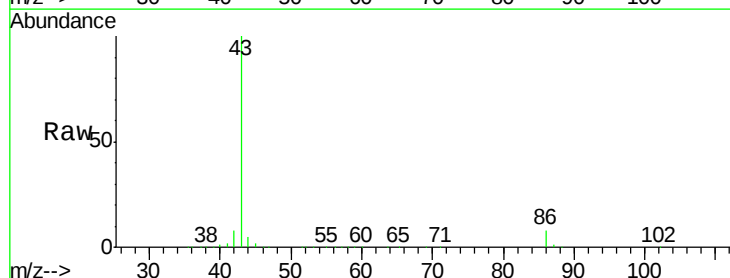
Acq: 07 May 2019 12:01

Tgt Ion: 43 Resp: 657473

Ion Ratio Lower Upper

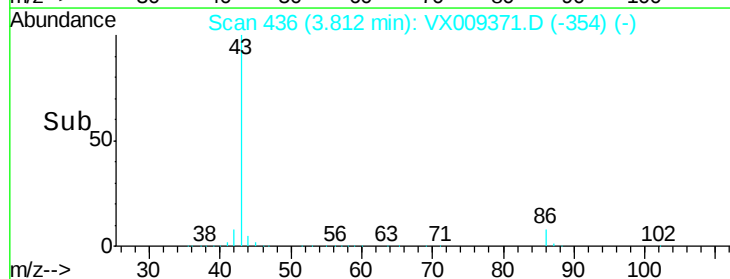
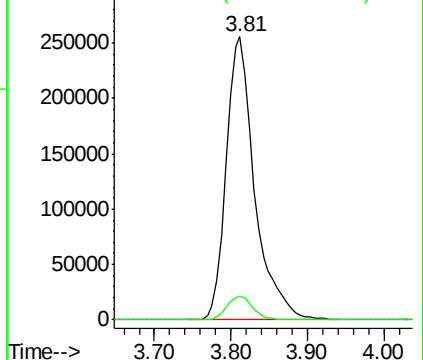
43 100

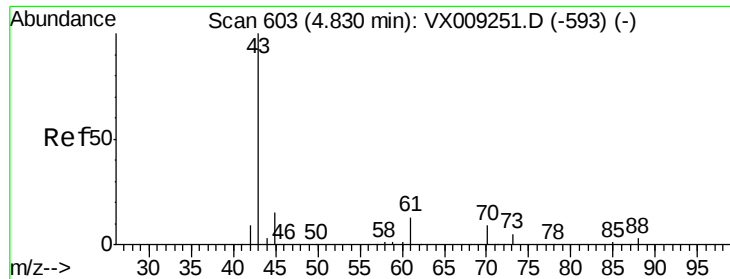
86 7.6 6.0 9.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 20.087 ug/l

RT: 4.82 min Scan# 602

Delta R.T. -0.01 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

Instrument :

MSVOA_F

ClientSampleId :

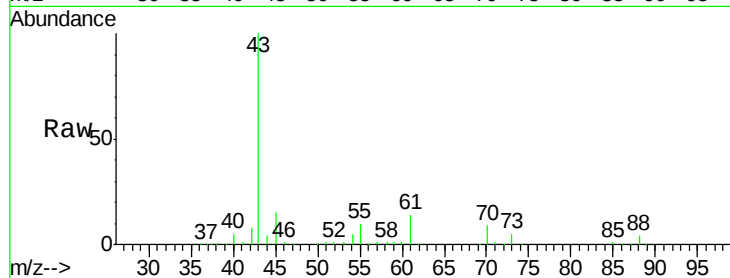
VX0507WBS01

Tot Ion: 43 Resp: 72488

Ion Ratio Lower Upper

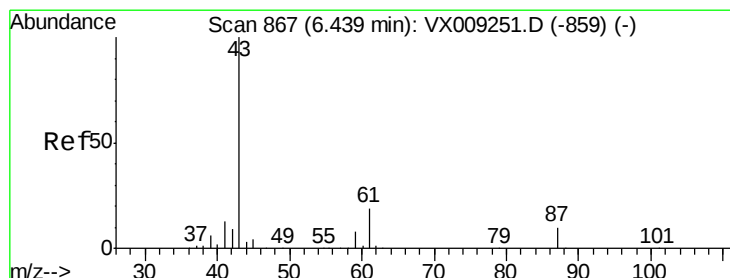
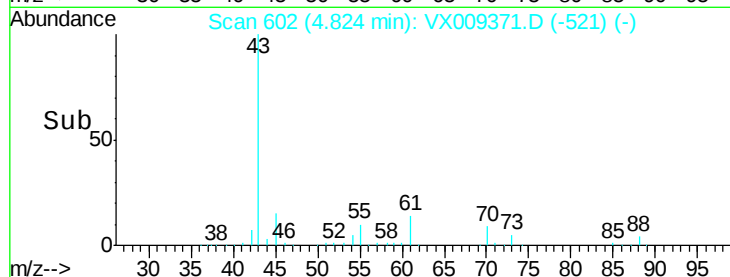
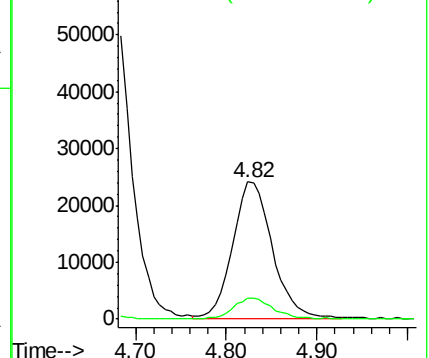
43 100

45 15.6 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 19.562 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX009371.D

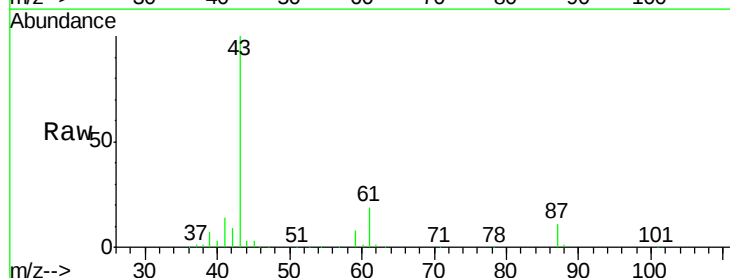
Acq: 07 May 2019 12:01

Tgt Ion: 43 Resp: 114362

Ion Ratio Lower Upper

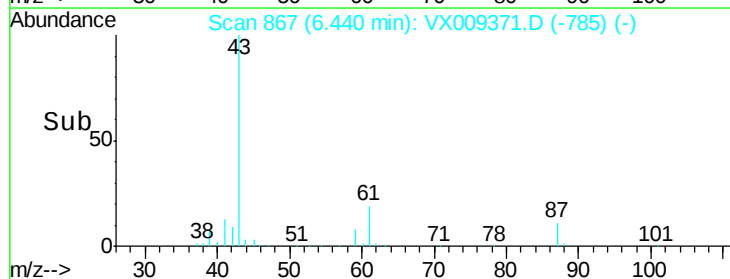
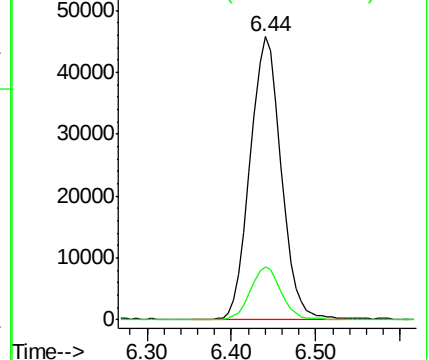
43 100

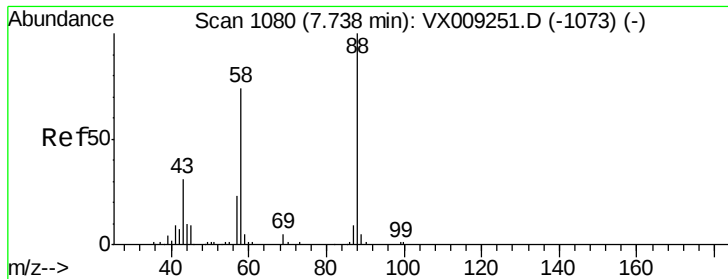
61 18.4 15.4 23.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#45

1,4-Dioxane

Concen: 396.187 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

Instrument :

MSVOA_F

ClientSampleId :

VX0507WBS01

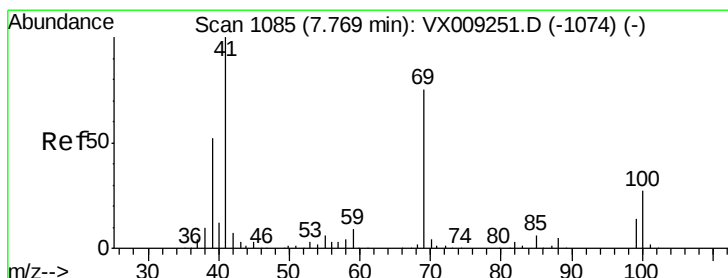
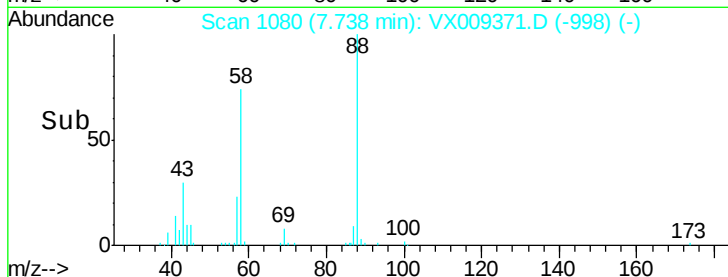
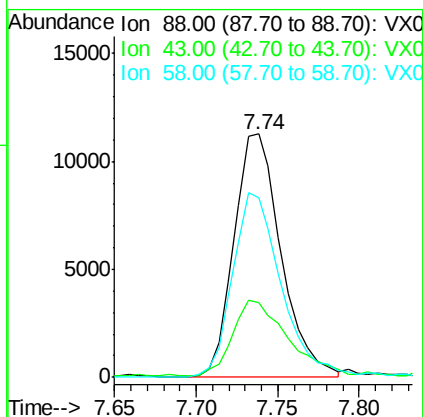
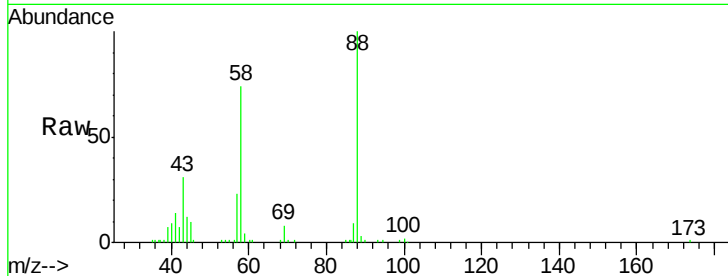
Tot Ion: 88 Resp: 22740

Ion Ratio Lower Upper

88 100

43 35.8 28.5 42.7

58 78.0 62.5 93.7



#46

Methyl methacrylate

Concen: 19.274 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

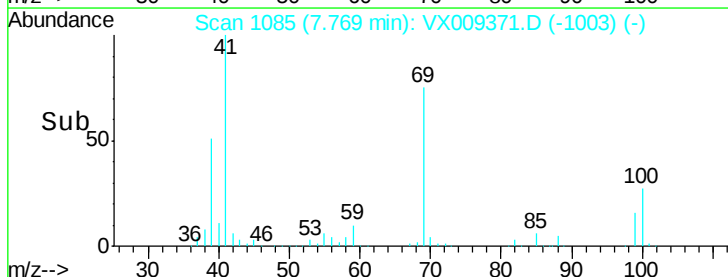
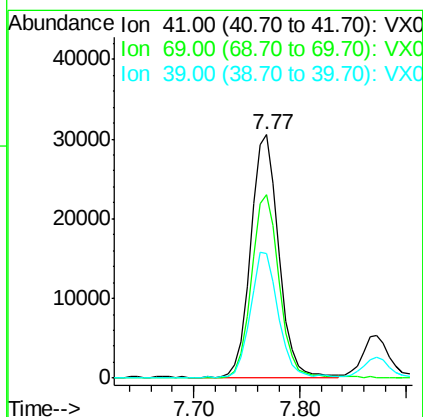
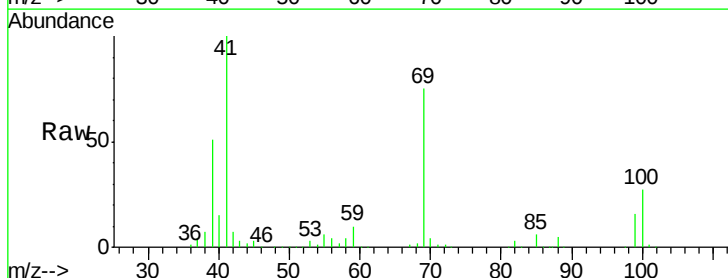
Tgt Ion: 41 Resp: 56240

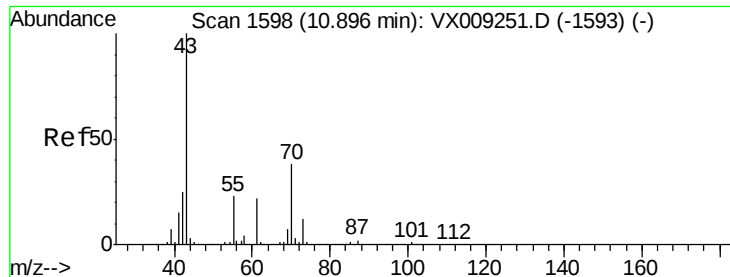
Ion Ratio Lower Upper

41 100

69 75.3 37.6 112.8

39 50.9 25.8 77.3





#47

n-amvl Acetate

Concen: 18.997 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

Instrument :

MSVOA_F

ClientSampleId :

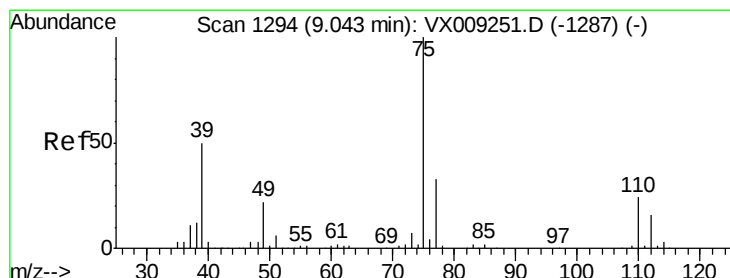
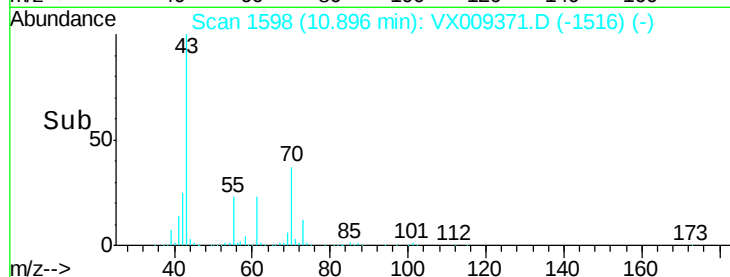
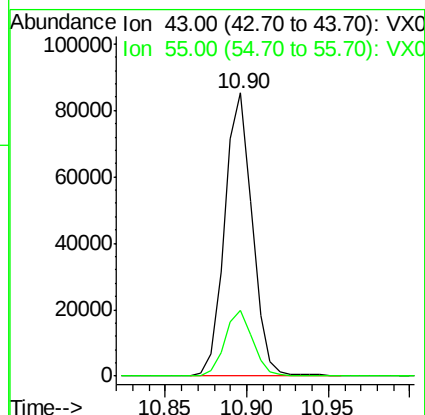
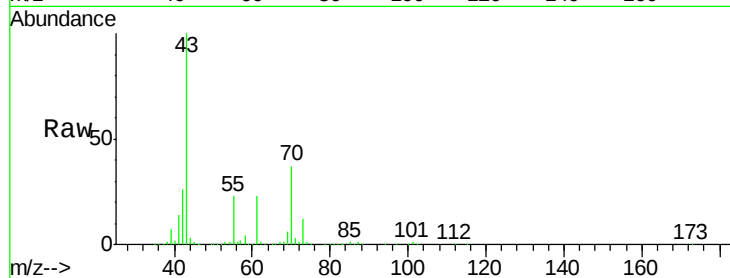
VX0507WBS01

Tot Ion: 43 Resp: 100046

Ion Ratio Lower Upper

43 100

55 23.5 18.2 27.4



#48

t-1,3-Dichloropropene

Concen: 19.095 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX009371.D

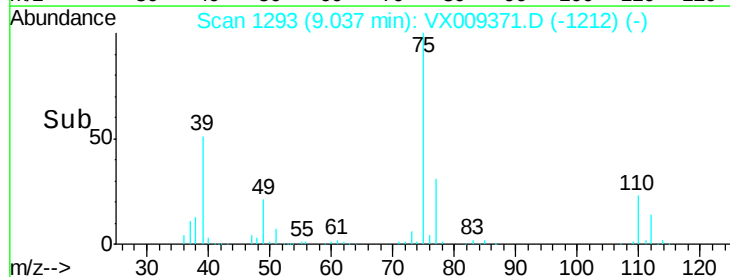
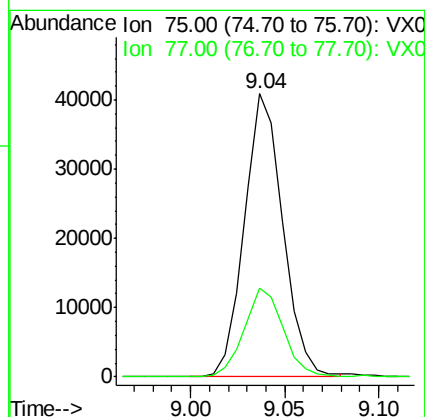
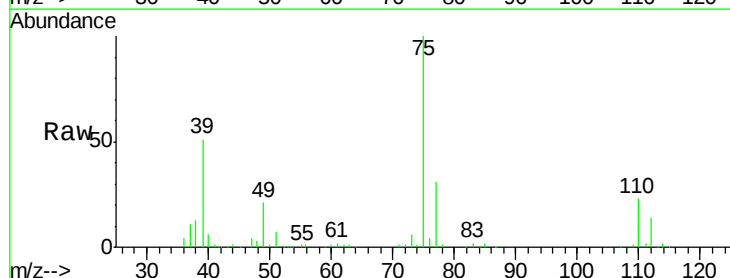
Acq: 07 May 2019 12:01

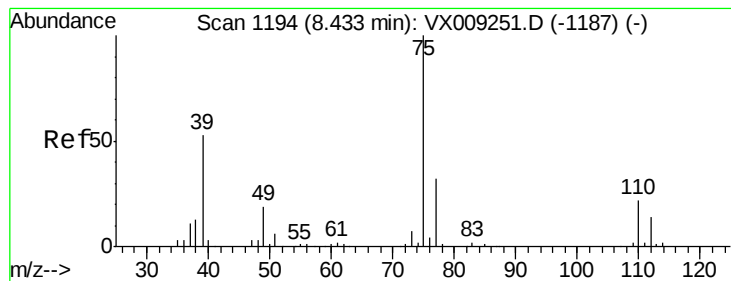
Tgt Ion: 75 Resp: 57830

Ion Ratio Lower Upper

75 100

77 31.3 26.5 39.7



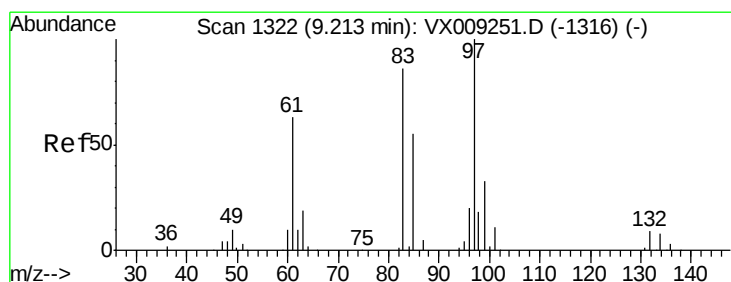
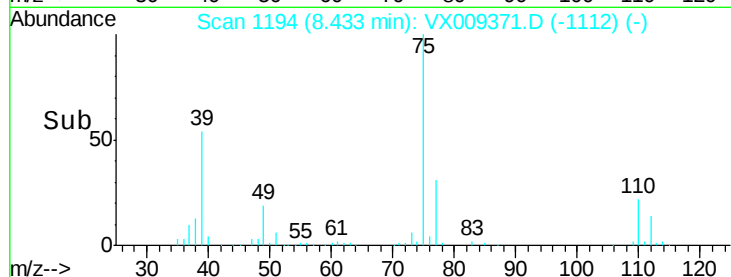
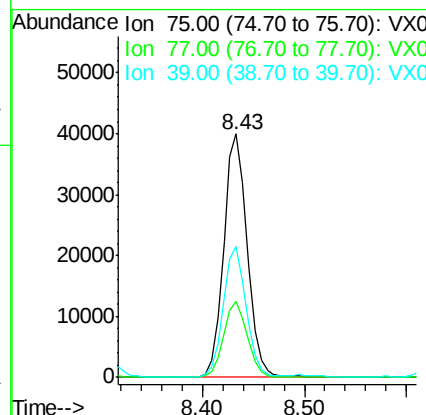
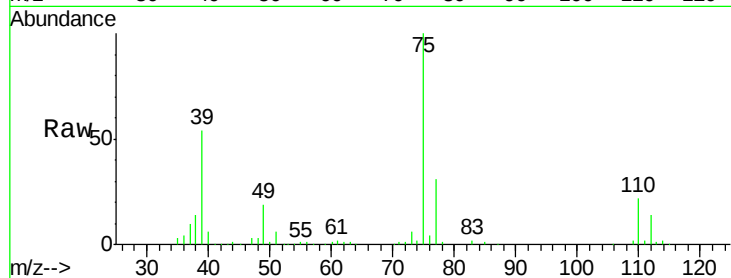


#49

cis-1,3-Dichloropropene
 Concen: 19.313 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX009371.D
 Acq: 07 May 2019 12:01

Instrument :
 MSVOA_F
 ClientSampleId :
 VX0507WBS01

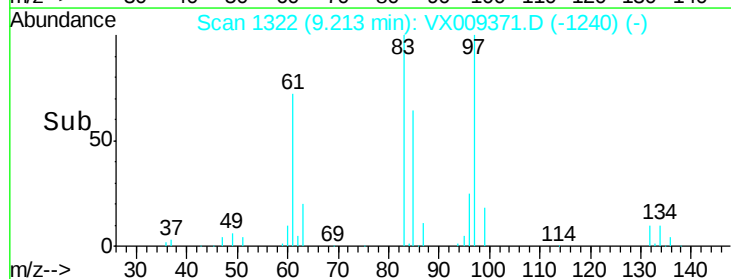
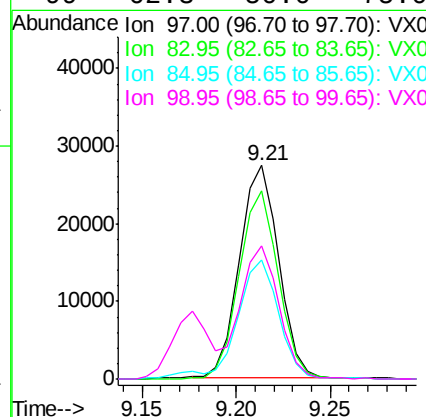
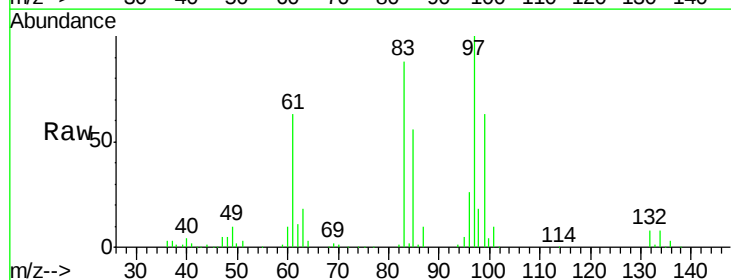
Tot Ion	75	Resp	64211
Ion Ratio	Lower	Upper	
75	100		
77	31.4	26.0	39.0
39	53.5	42.6	63.8

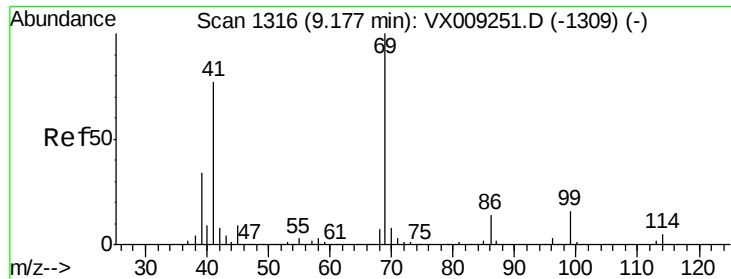


#50

1,1,2-Trichloroethane
 Concen: 20.339 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009371.D
 Acq: 07 May 2019 12:01

Tgt Ion	97	Resp	39597
Ion Ratio	Lower	Upper	
97	100		
83	87.9	68.8	103.2
85	55.7	45.8	68.6
99	62.3	50.0	75.0

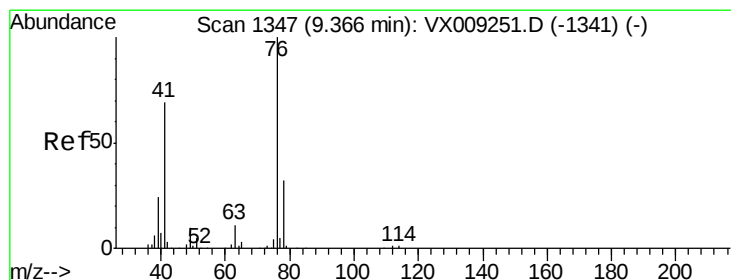
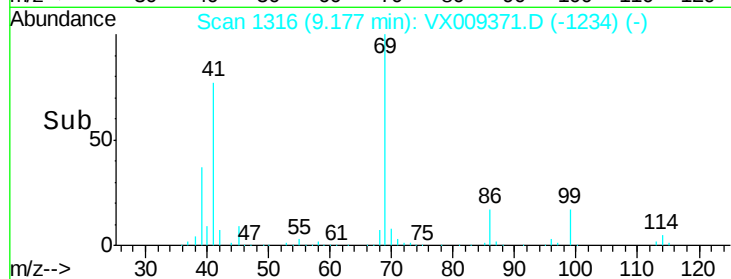
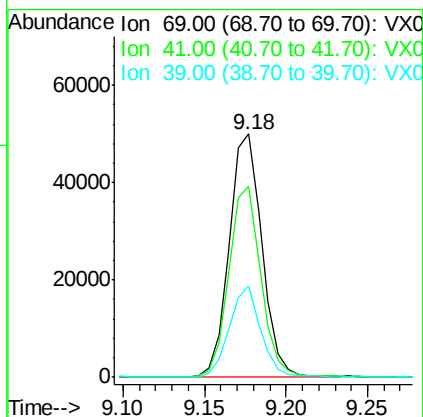
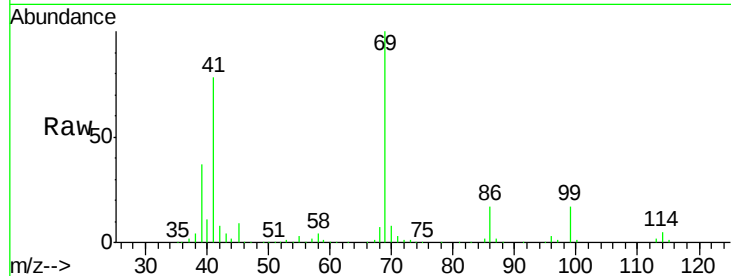




#51
Ethyl methacrylate
Concen: 19.468 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX009371.D
Acq: 07 May 2019 12:01

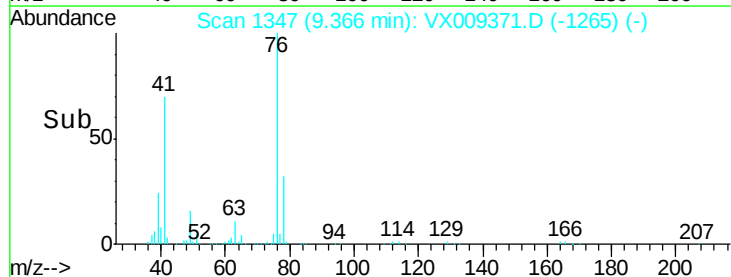
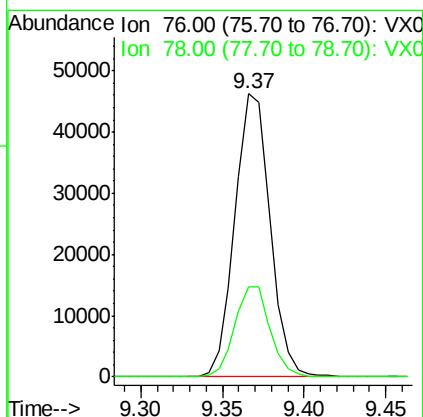
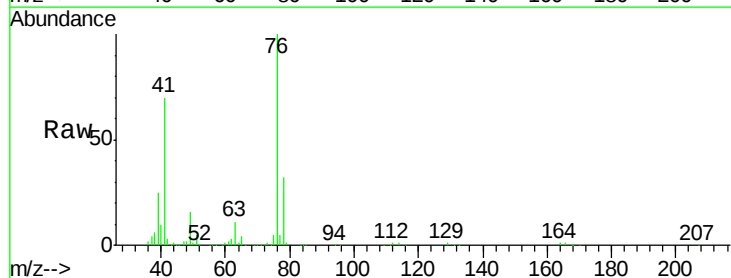
Instrument :
MSVOA_F
ClientSampleId :
VX0507WBS01

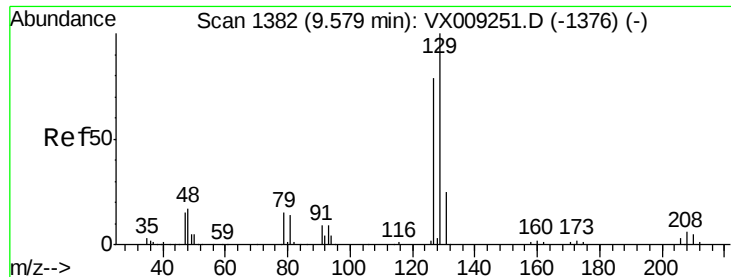
Tot Ion: 69 Resp: 70040
Ion Ratio Lower Upper
69 100
41 77.9 38.4 115.2
39 37.1 17.2 51.5



#52
1,3-Dichloropropane
Concen: 20.243 ug/l
RT: 9.37 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VX009371.D
Acq: 07 May 2019 12:01

Tgt Ion: 76 Resp: 69942
Ion Ratio Lower Upper
76 100
78 32.0 0.0 64.2





#53

Dibromochloromethane

Concen: 19.830 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

Instrument :

MSVOA_F

ClientSampleId :

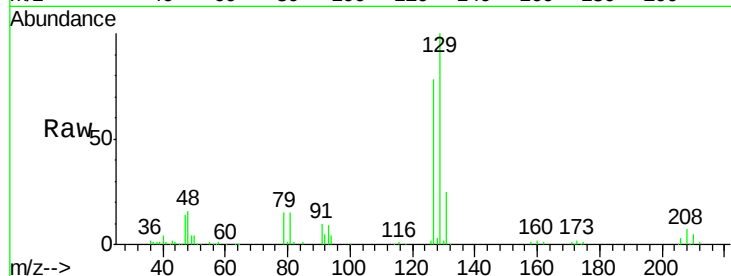
VX0507WBS01

Tot Ion:129 Resp: 38447

Ion Ratio Lower Upper

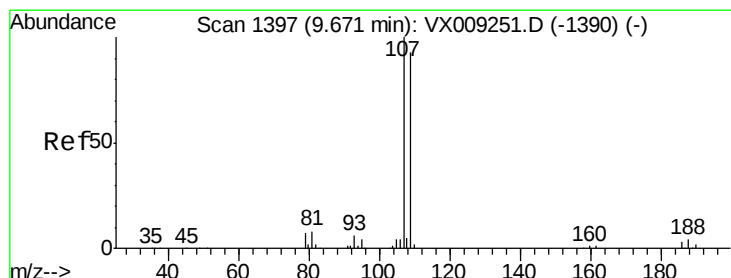
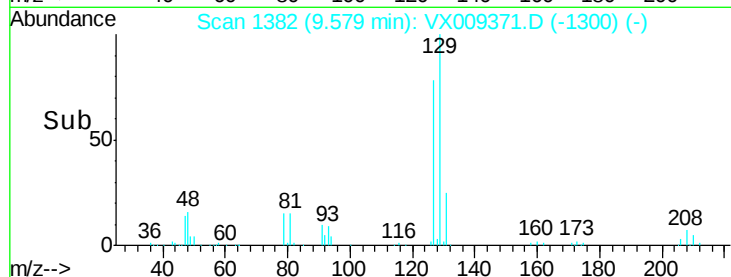
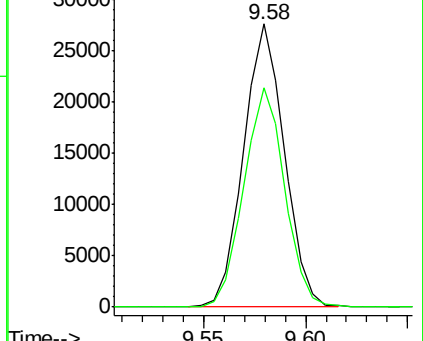
129 100

127 77.5 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.949 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009371.D

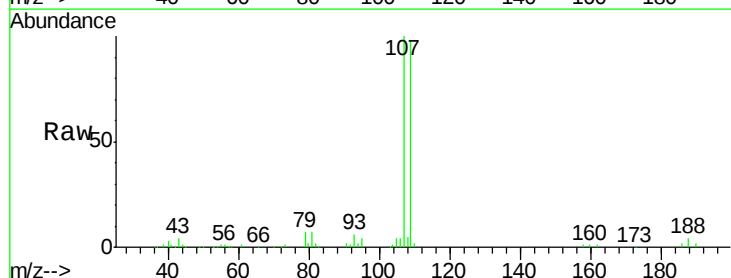
Acq: 07 May 2019 12:01

Tgt Ion:107 Resp: 39832

Ion Ratio Lower Upper

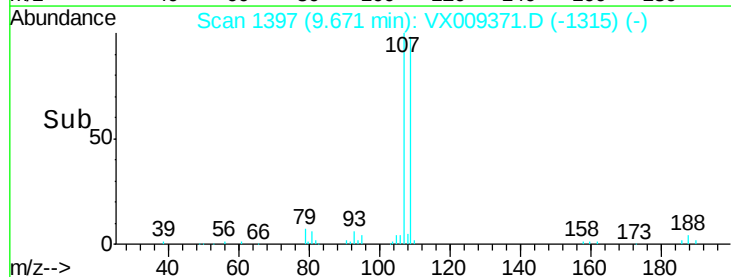
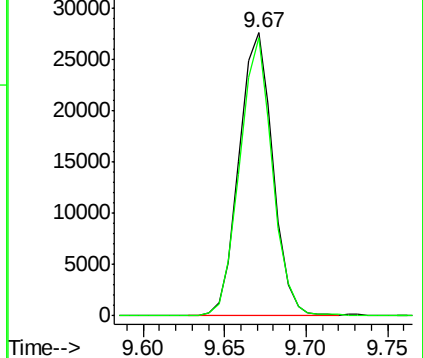
107 100

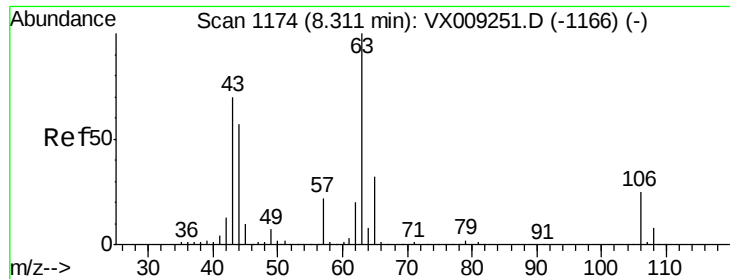
109 94.9 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

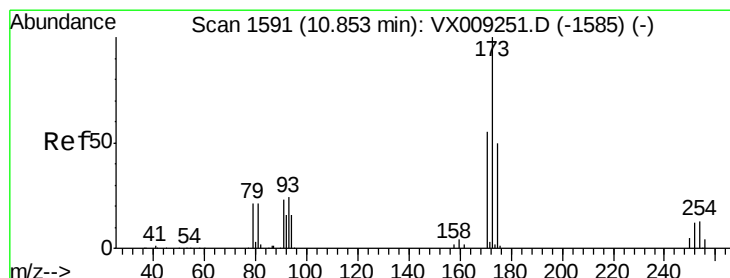
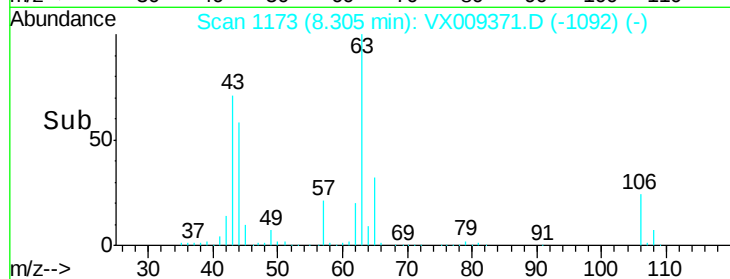
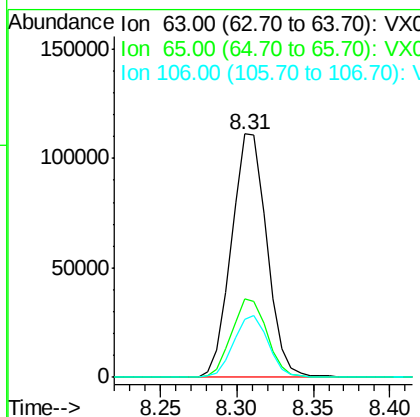
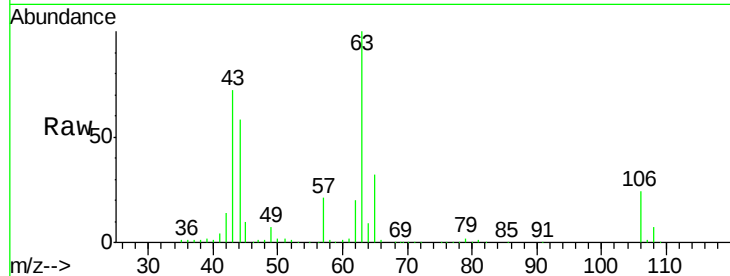




#55
2-Chloroethyl vinyl ether
Concen: 93.287 ug/l
RT: 8.31 min Scan# 1173
Delta R.T. -0.01 min
Lab File: VX009371.D
Acq: 07 May 2019 12:01

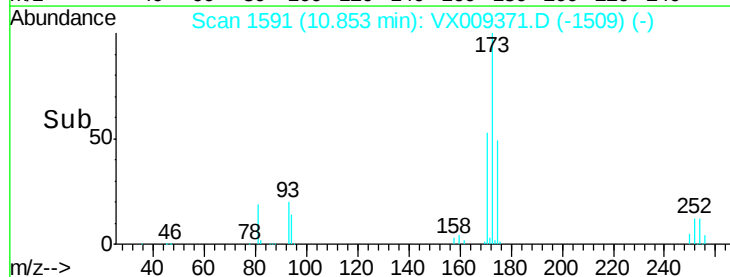
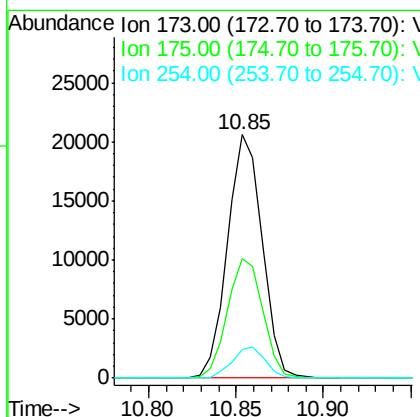
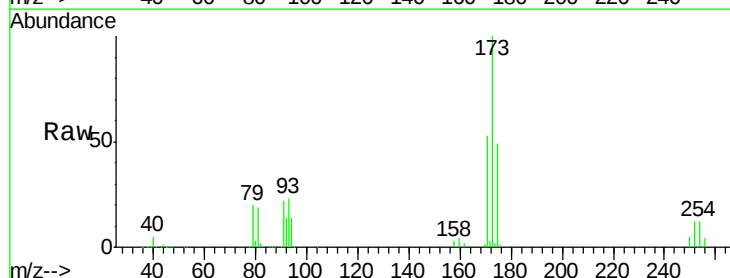
Instrument :
MSVOA_F
ClientSampleId :
VX0507WBS01

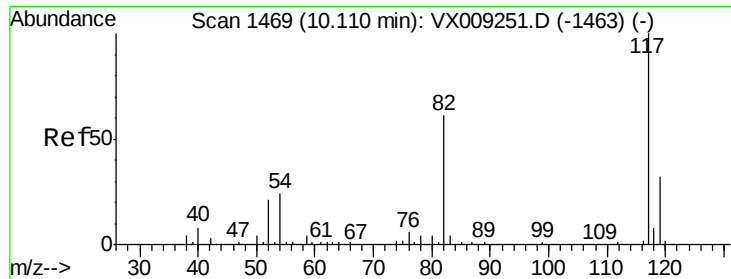
Tot Ion: 63 Resp: 178838
Ion Ratio Lower Upper
63 100
65 32.5 25.8 38.6
106 24.9 19.8 29.6



#56
Bromoform
Concen: 19.142 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX009371.D
Acq: 07 May 2019 12:01

Tgt Ion: 173 Resp: 28490
Ion Ratio Lower Upper
173 100
175 50.0 39.4 59.2
254 12.1 9.9 14.9

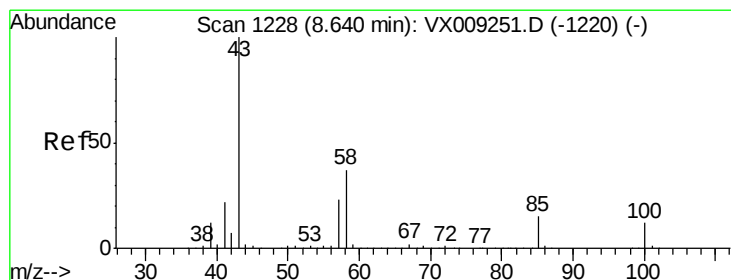
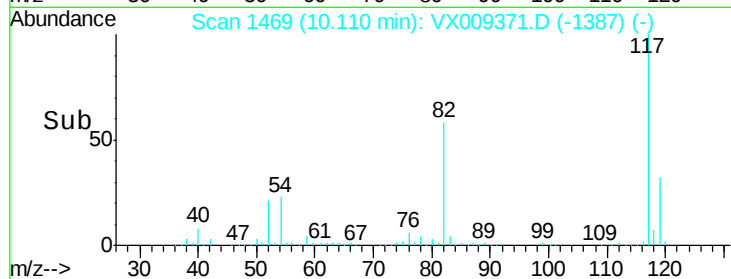
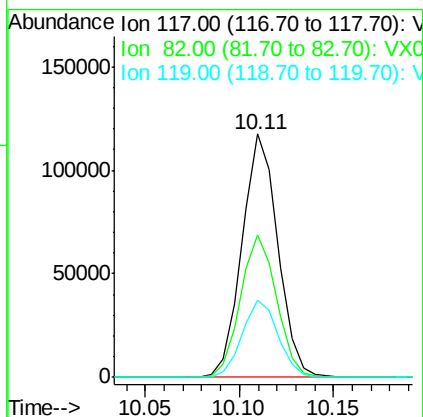
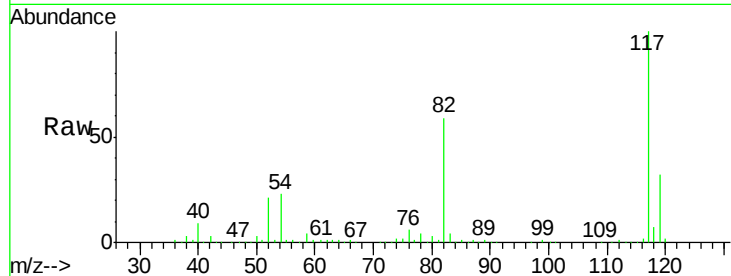




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009371.D
Acq: 07 May 2019 12:01

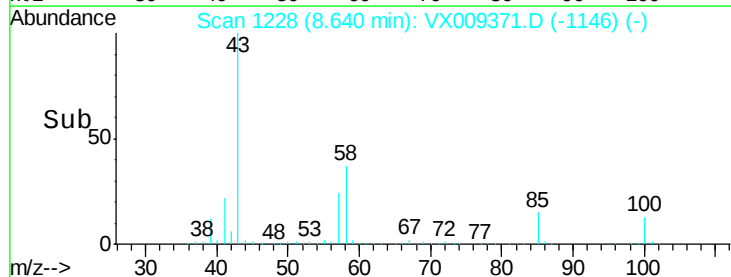
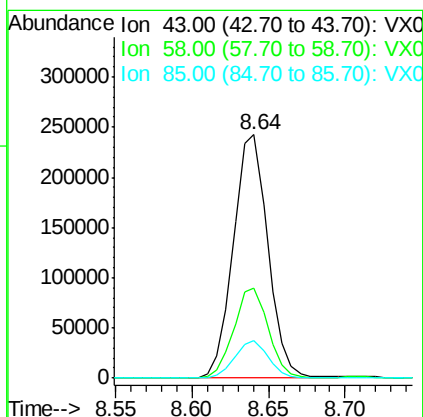
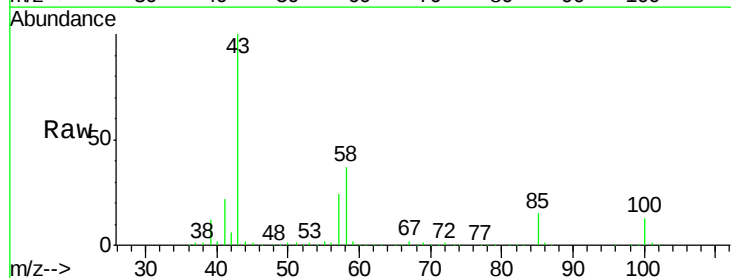
Instrument :
MSVOA_F
ClientSampleId :
VX0507WBS01

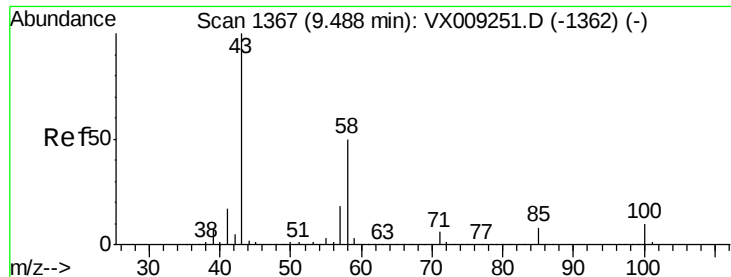
Tot Ion:117 Resp: 155418
Ion Ratio Lower Upper
117 100
82 58.8 47.8 71.8
119 31.9 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 99.413 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX009371.D
Acq: 07 May 2019 12:01

Tgt Ion: 43 Resp: 379913
Ion Ratio Lower Upper
43 100
58 37.1 29.4 44.0
85 15.1 11.8 17.8

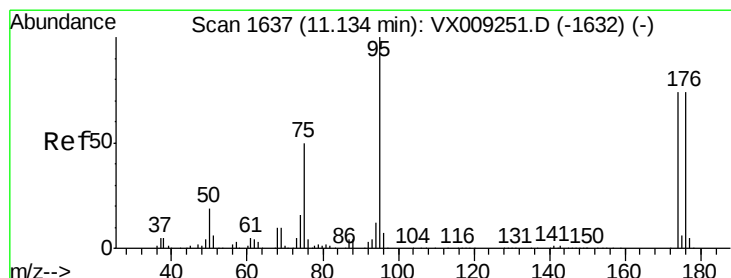
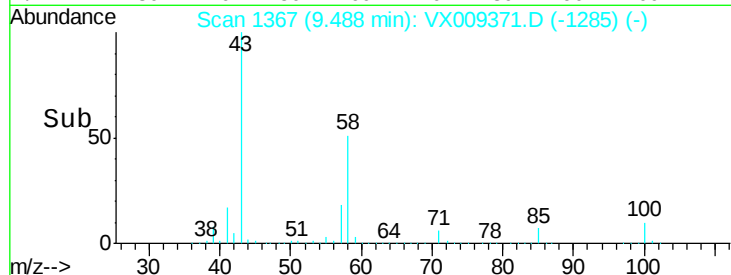
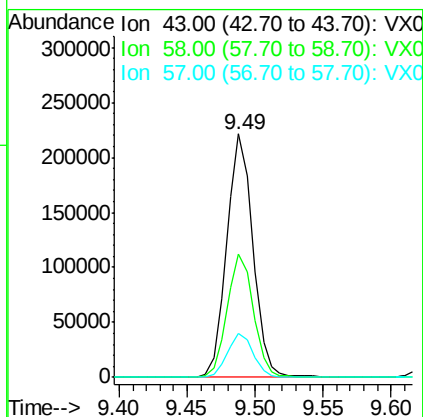
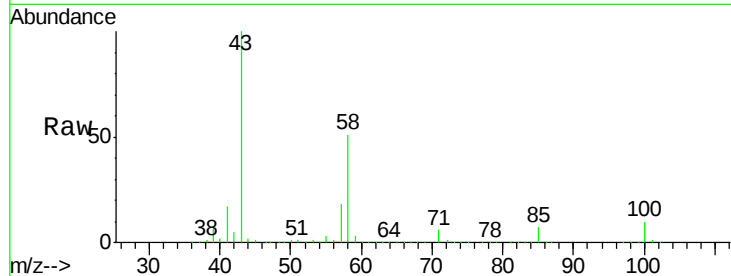




#59
2-Hexanone
Concen: 98.911 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009371.D
Acq: 07 May 2019 12:01

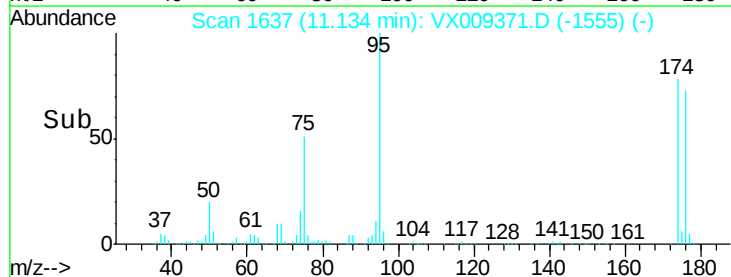
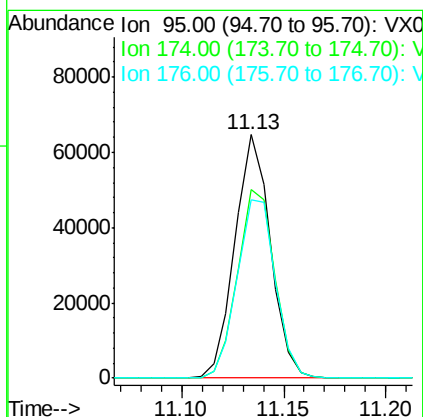
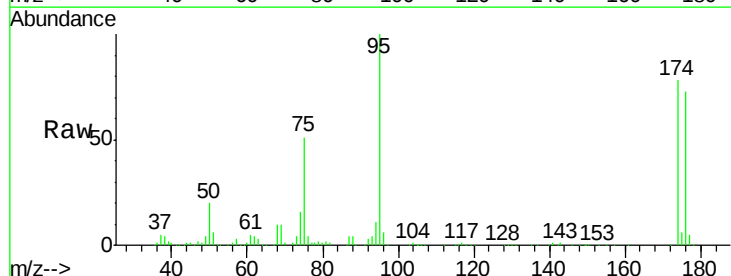
Instrument :
MSVOA_F
ClientSampleId :
VX0507WBS01

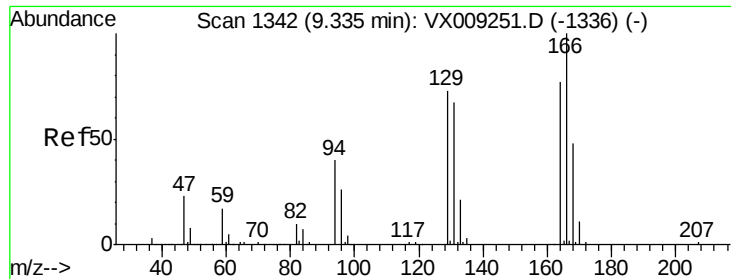
Tot Ion	Ratio	Lower	Upper
43	100		
58	51.3	40.8	61.2
57	17.8	14.1	21.1



#60
4-Bromofluorobenzene
Concen: 29.545 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009371.D
Acq: 07 May 2019 12:01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.8	63.6	95.4
176	79.8	62.4	93.6





#61

Tetrachloroethene

Concen: 20.330 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

Instrument :

MSVOA_F

ClientSampleId :

VX0507WBS01

Tot Ion:164 Resp: 34832

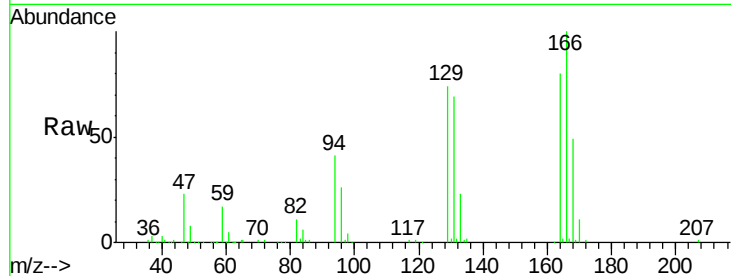
Ion Ratio Lower Upper

164 100

166 125.6 104.1 156.1

129 92.4 76.0 114.0

131 87.1 70.1 105.1

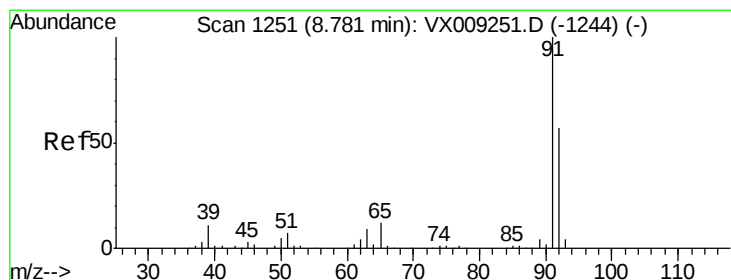
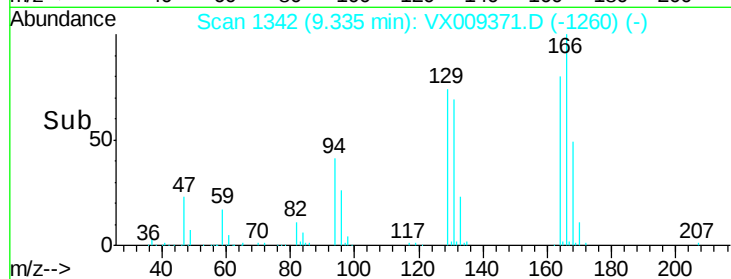
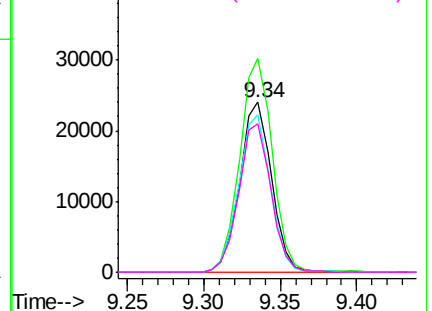


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.004 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX009371.D

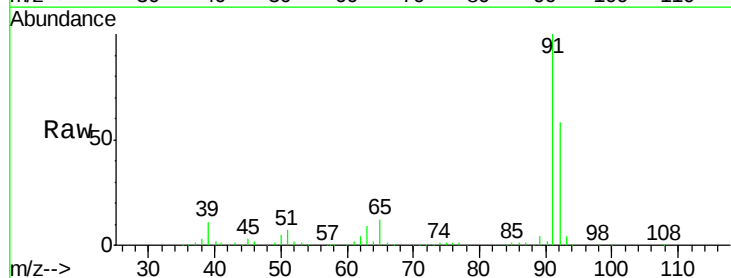
Acq: 07 May 2019 12:01

Tgt Ion: 91 Resp: 166126

Ion Ratio Lower Upper

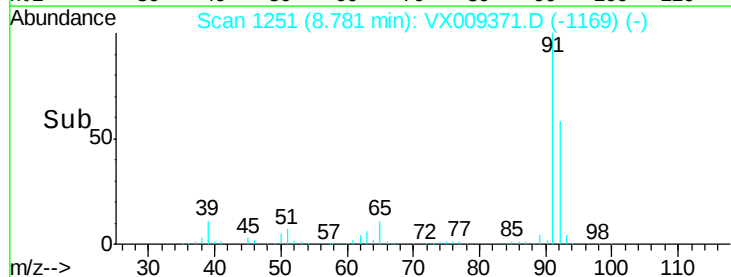
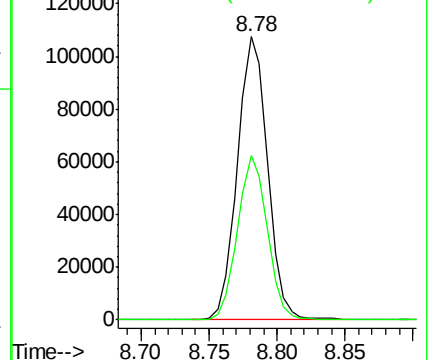
91 100

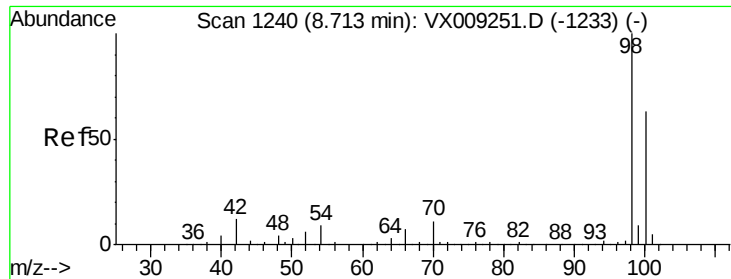
92 57.2 46.1 69.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.934 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

Instrument :

MSVOA_F

ClientSampleId :

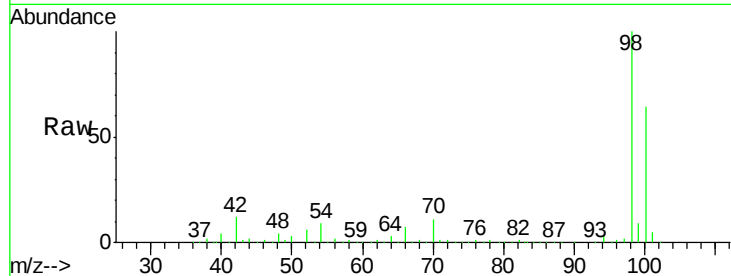
VX0507WBS01

Tot Ion: 98 Resp: 220567

Ion Ratio Lower Upper

98 100

100 64.3 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX009251.D (-1233) (-)

Ion 100.00 (99.70 to 100.70): VX009251.D (-1233) (-)

8.71

150000

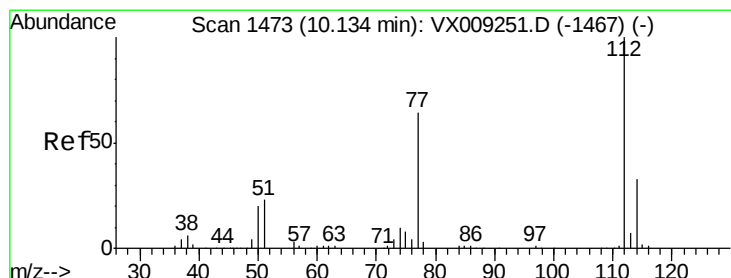
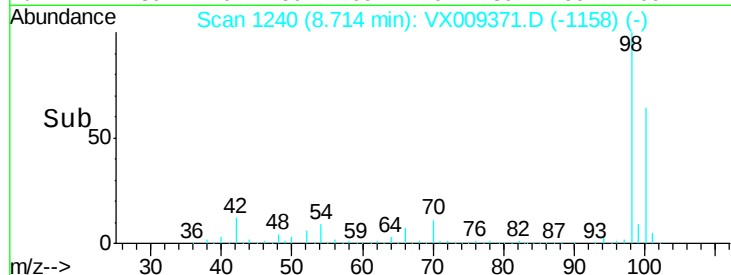
100000

50000

0

8.65 8.70 8.75 8.80

Time-->



#64

Chlorobenzene

Concen: 20.069 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX009371.D

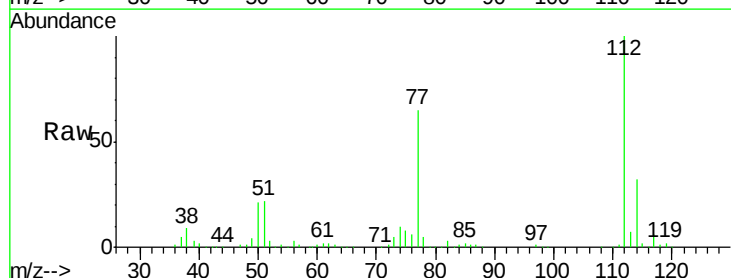
Acq: 07 May 2019 12:01

Tgt Ion: 112 Resp: 100306

Ion Ratio Lower Upper

112 100

114 32.3 26.2 39.2



Abundance Ion 112.00 (111.70 to 112.70): VX009251.D (-1467) (-)

Ion 114.00 (113.70 to 114.70): VX009251.D (-1467) (-)

10.13

80000

60000

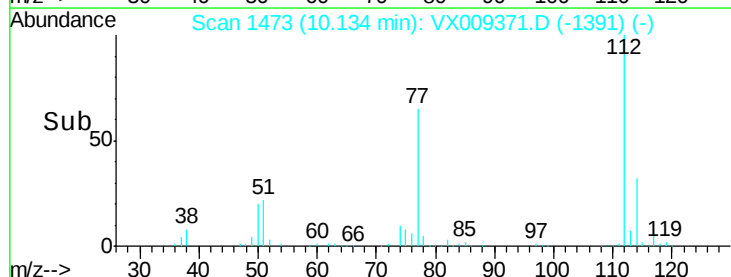
40000

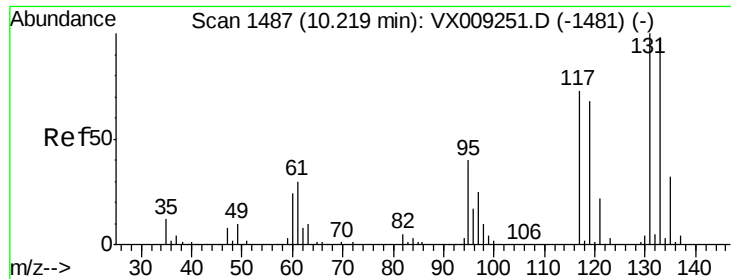
20000

0

10.10 10.15 10.20

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 19.599 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

Instrument :

MSVOA_F

ClientSampleId :

VX0507WBS01

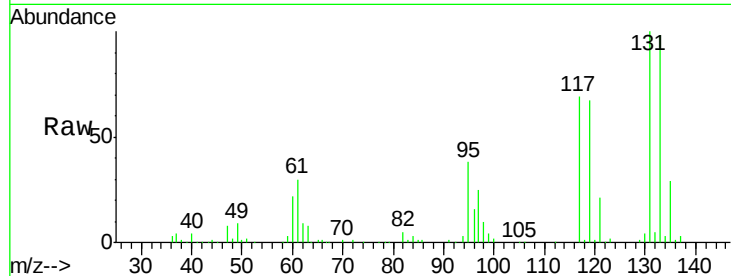
Tot Ion:131 Resp: 35867

Ion Ratio Lower Upper

131 100

133 98.8 0.0 191.2

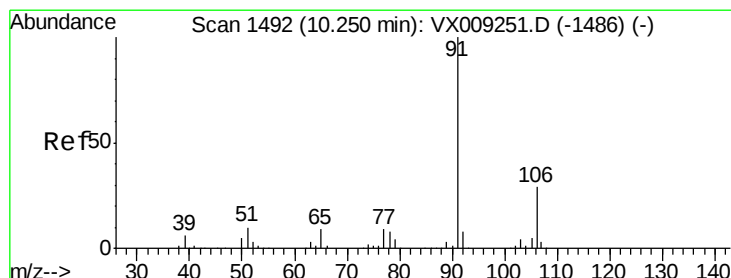
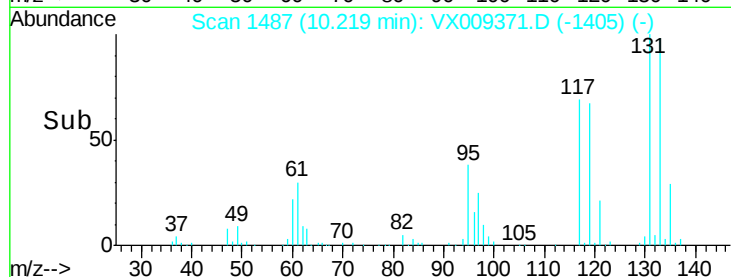
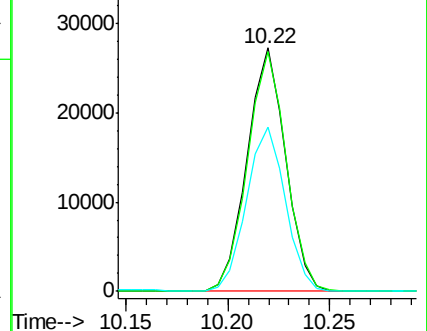
119 68.2 0.0 135.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.920 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX009371.D

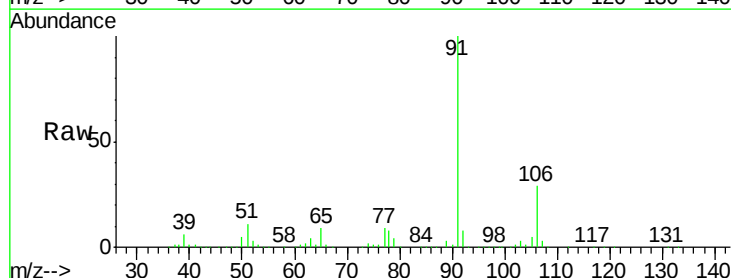
Acq: 07 May 2019 12:01

Tgt Ion: 91 Resp: 184290

Ion Ratio Lower Upper

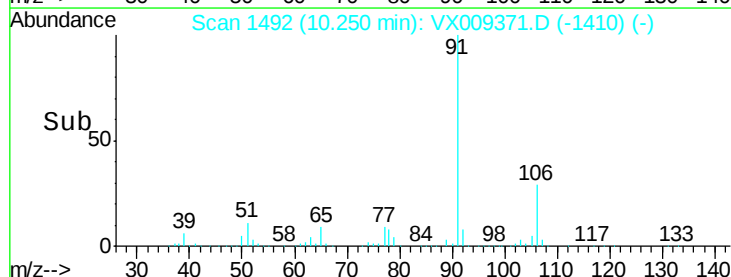
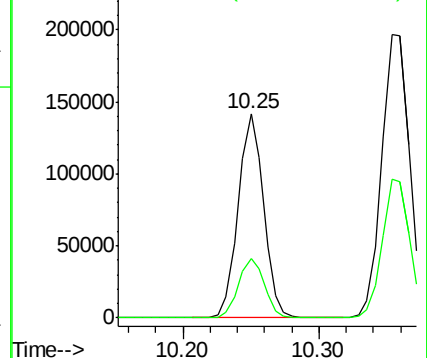
91 100

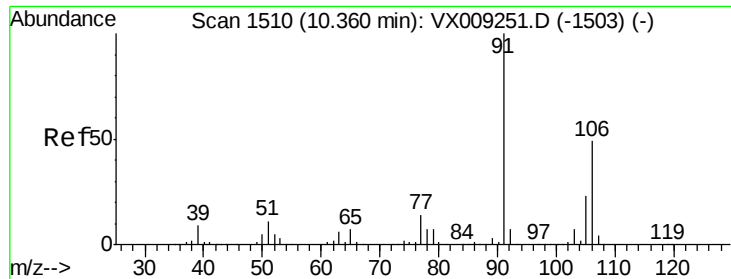
106 29.4 23.5 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xvlenes

Concen: 39.843 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

Instrument :

MSVOA_F

ClientSampleId :

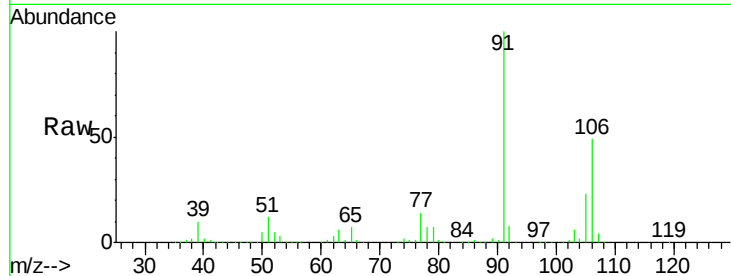
VX0507WBS01

Tot Ion:106 Resp: 134586

Ion Ratio Lower Upper

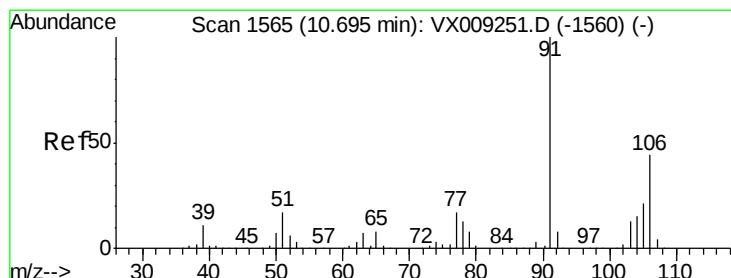
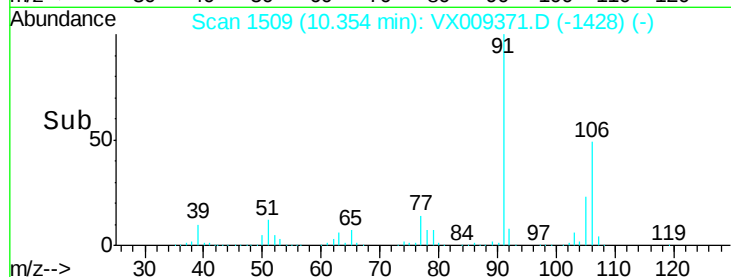
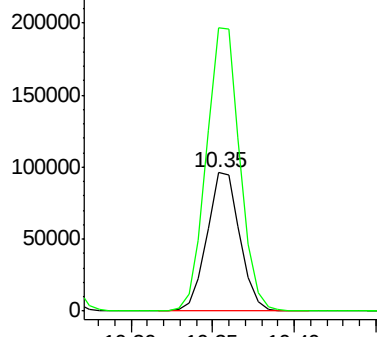
106 100

91 207.4 166.8 250.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.864 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VX009371.D

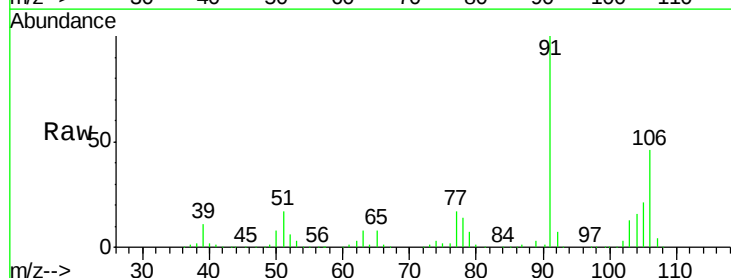
Acq: 07 May 2019 12:01

Tgt Ion:106 Resp: 65977

Ion Ratio Lower Upper

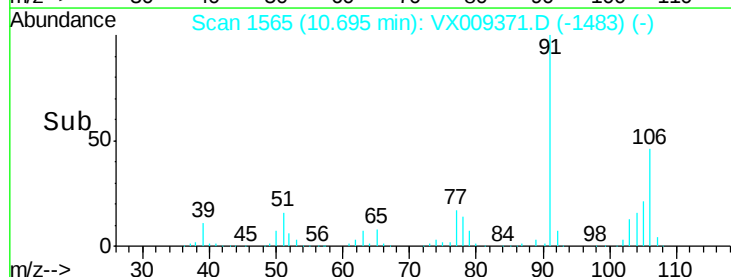
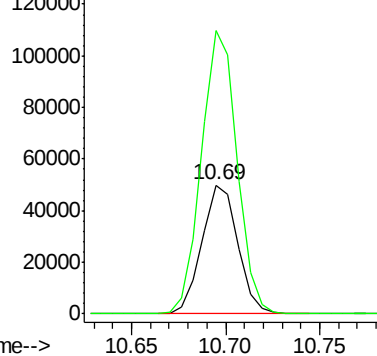
106 100

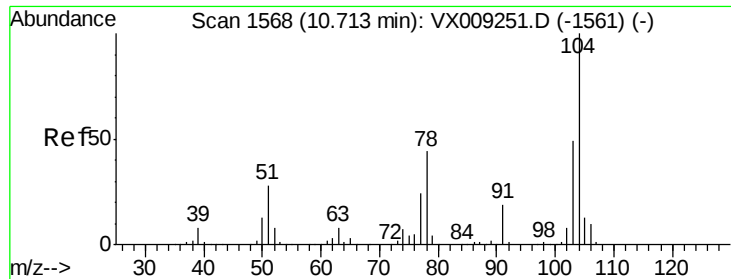
91 218.1 110.8 332.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

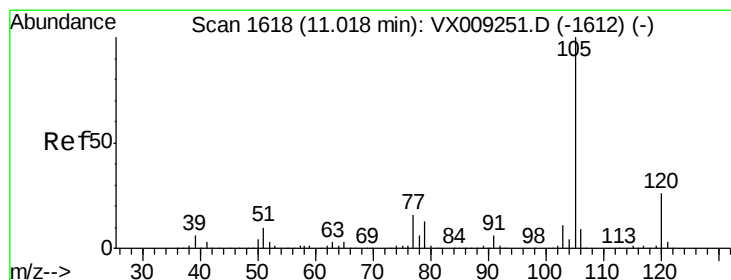
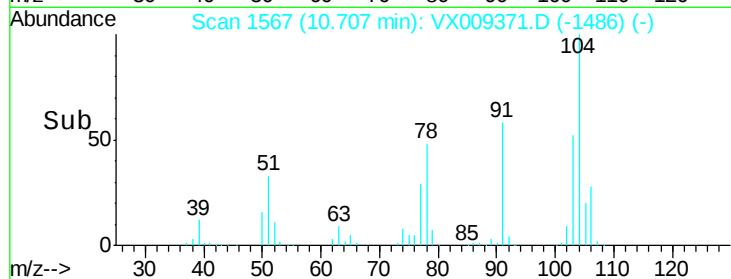
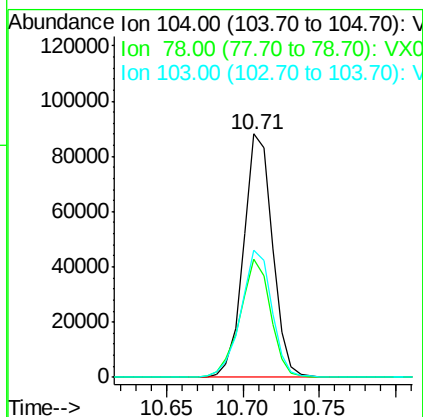
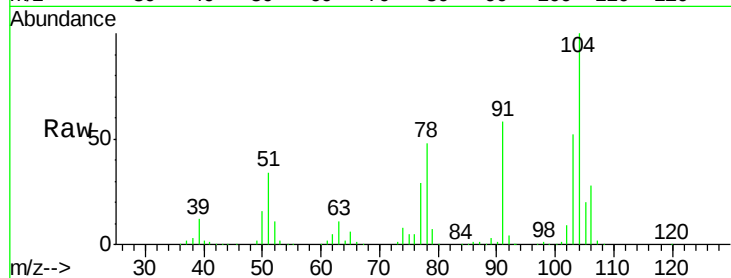




#69
Stvrene
Concen: 19.823 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009371.D
Acq: 07 May 2019 12:01

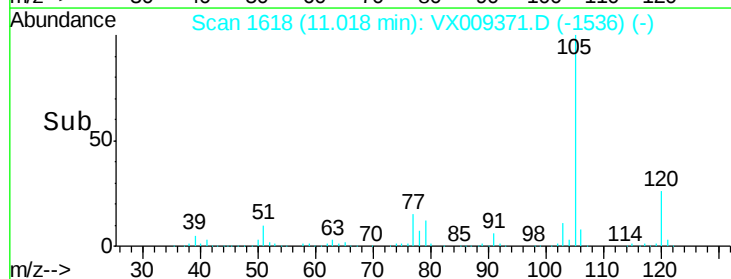
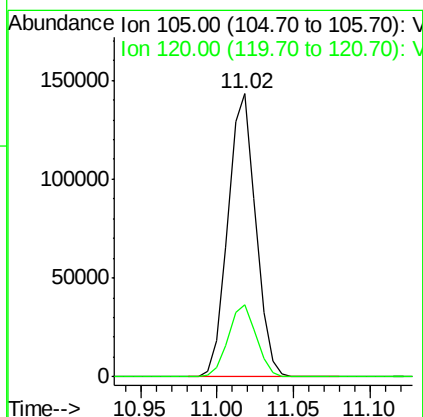
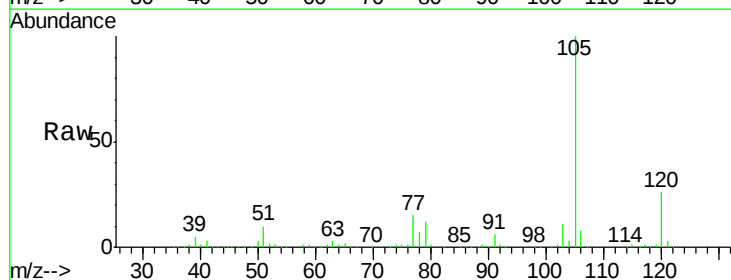
Instrument :
MSVOA_F
ClientSampleId :
VX0507WBS01

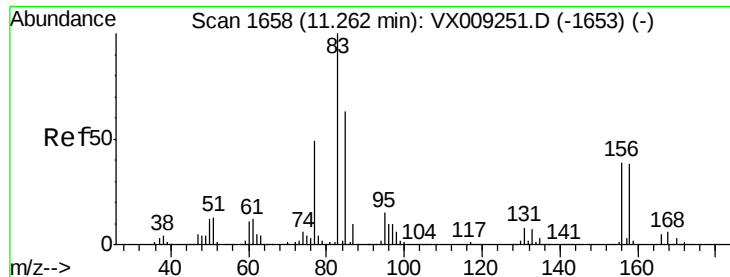
Tot Ion:104 Resp: 115580
Ion Ratio Lower Upper
104 100
78 51.6 41.1 61.7
103 56.0 43.8 65.8



#70
Isopropylbenzene
Concen: 20.203 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX009371.D
Acq: 07 May 2019 12:01

Tgt Ion:105 Resp: 180460
Ion Ratio Lower Upper
105 100
120 25.8 18.1 33.7

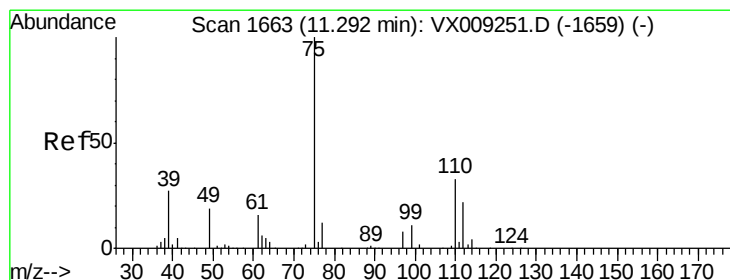
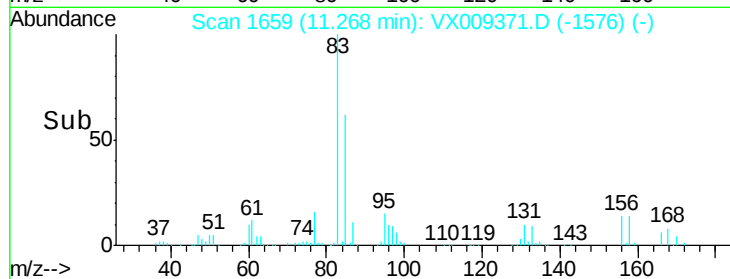
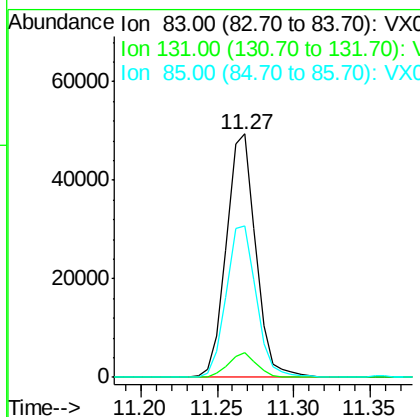
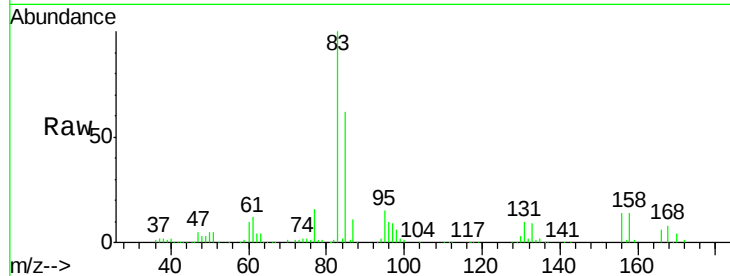




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.138 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.01 min
 Lab File: VX009371.D
 Acq: 07 May 2019 12:01

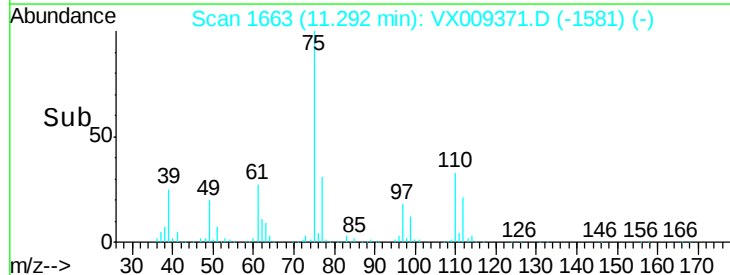
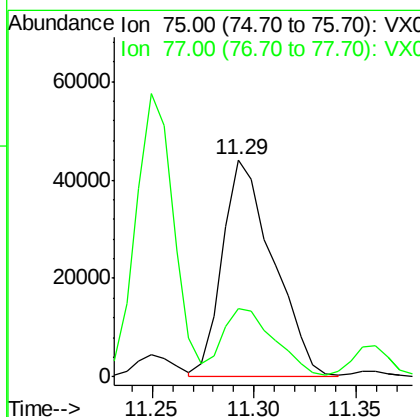
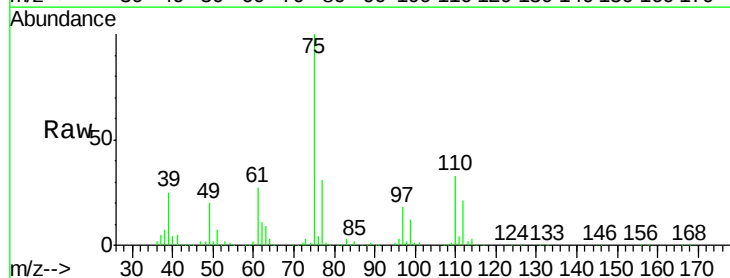
Instrument :
 MSVOA_F
 ClientSampleId :
 VX0507WBS01

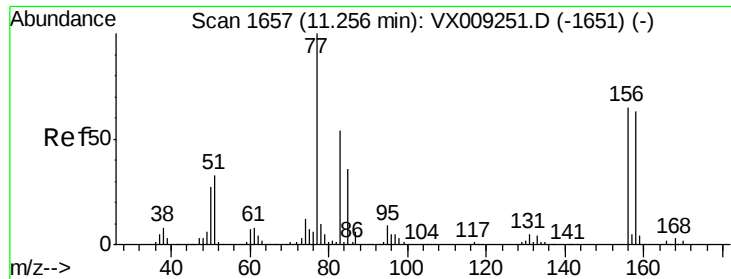
Tot Ion: 83 Resp: 65878
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.7 14.0
 85 64.0 32.4 97.2



#72
 1,2,3-Trichloropropane
 Concen: 27.077 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX009371.D
 Acq: 07 May 2019 12:01

Tgt Ion: 75 Resp: 76333
 Ion Ratio Lower Upper
 75 100
 77 32.1 0.0 86.4

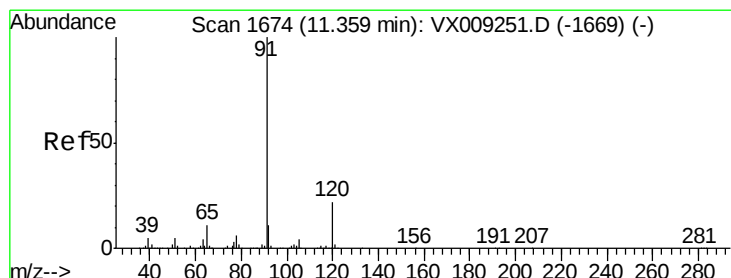
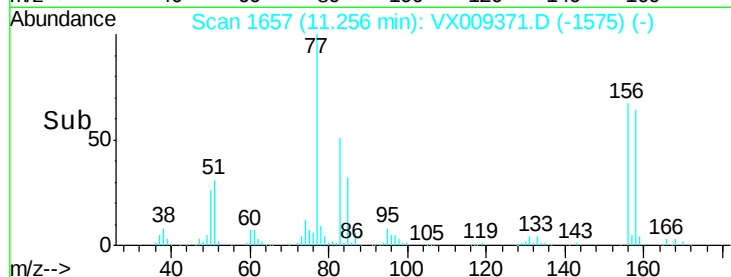
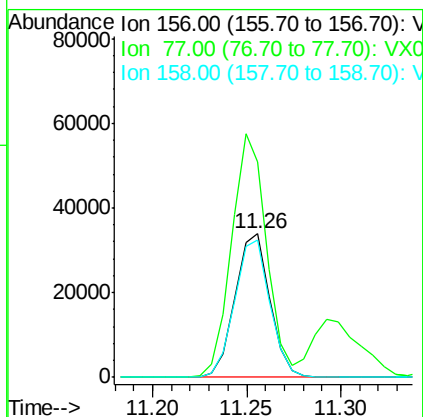
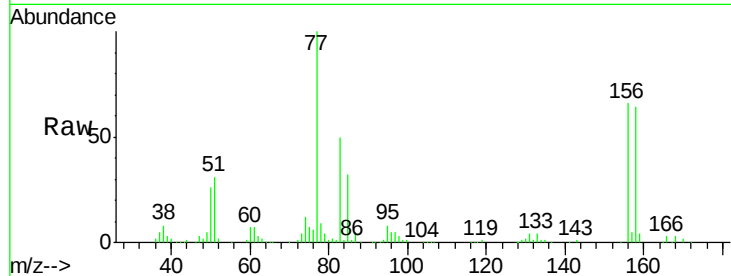




#73
Bromobenzene
Concen: 19.803 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX009371.D
Acq: 07 May 2019 12:01

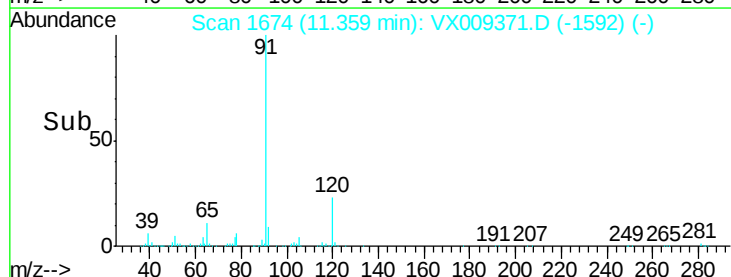
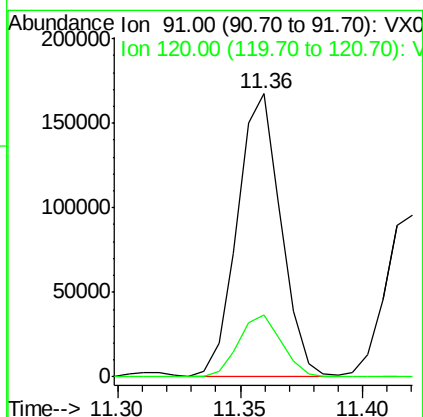
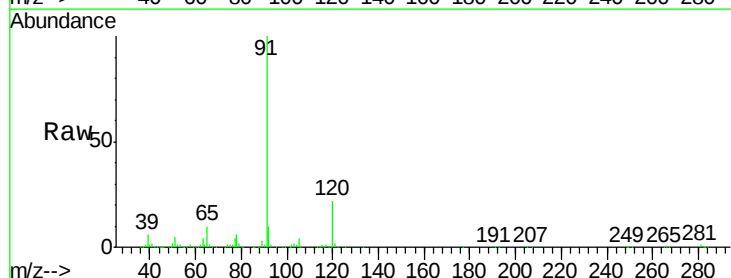
Instrument :
MSVOA_F
ClientSampleId :
VX0507WBS01

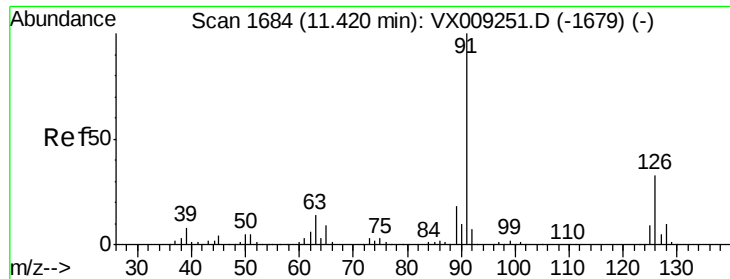
Tot Ion:156 Resp: 43706
Ion Ratio Lower Upper
156 100
77 168.7 0.0 335.6
158 96.8 0.0 191.2



#74
n-propylbenzene
Concen: 20.018 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX009371.D
Acq: 07 May 2019 12:01

Tgt Ion: 91 Resp: 207209
Ion Ratio Lower Upper
91 100
120 21.8 0.0 43.4





#75

2-Chlorotoluene

Concen: 20.068 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

Instrument :

MSVOA_F

ClientSampleId :

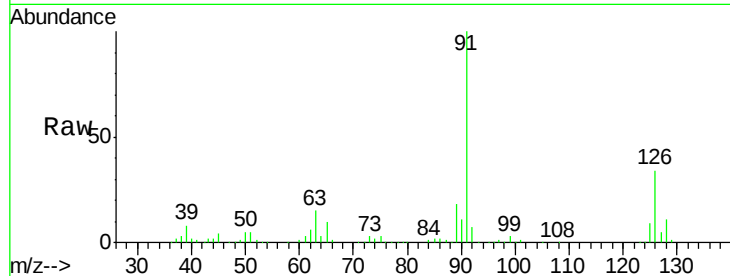
VX0507WBS01

Tot Ion: 91 Resp: 124594

Ion Ratio Lower Upper

91 100

126 32.5 0.0 64.0



Abundance Ion 91.00 (90.70 to 91.70): VX009251.D (-1679) (-)

Ion 126.00 (125.70 to 126.70): VX009251.D (-1679) (-)

200000

150000

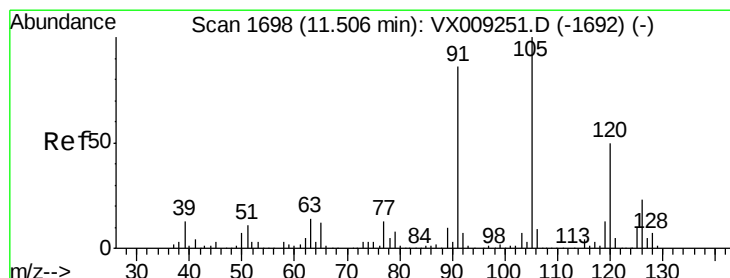
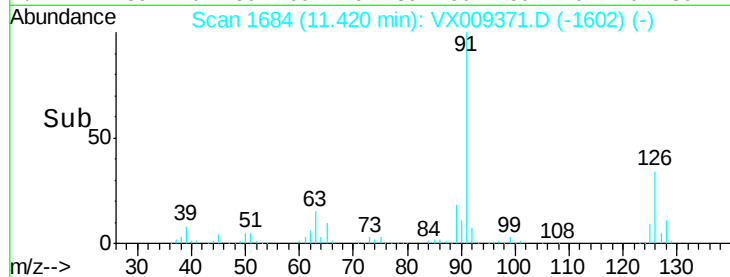
100000

50000

0

11.40 11.42 11.44 11.46

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 20.136 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009371.D

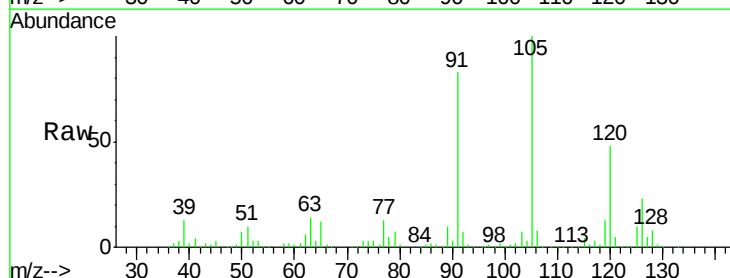
Acq: 07 May 2019 12:01

Tgt Ion: 105 Resp: 152362

Ion Ratio Lower Upper

105 100

120 47.6 0.0 97.4



Abundance Ion 105.00 (104.70 to 105.70): VX009251.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX009251.D (-1692) (-)

150000

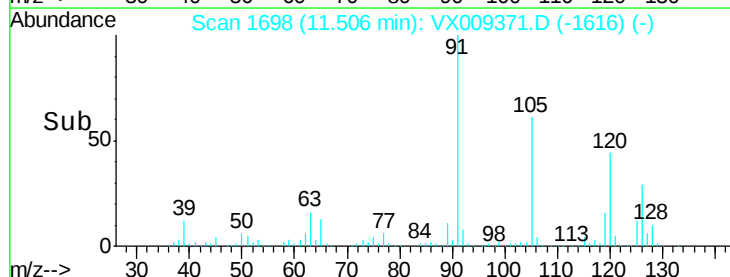
100000

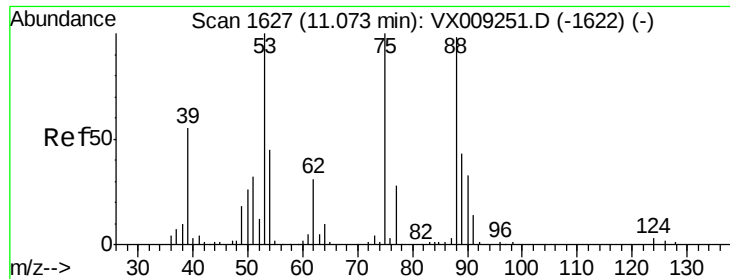
50000

0

11.45 11.50 11.55

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 18.153 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

Instrument :

MSVOA_F

ClientSampleId :

VX0507WBS01

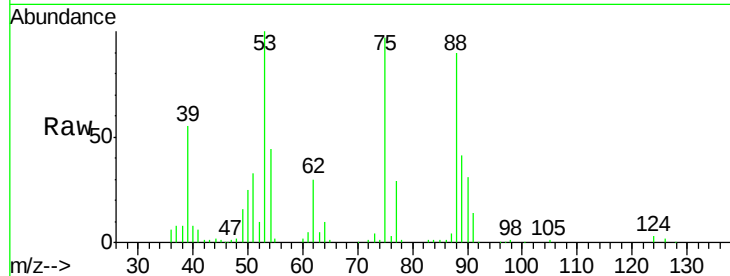
Tot Ion: 75 Resp: 20642

Ion Ratio Lower Upper

75 100

53 103.1 50.0 149.8

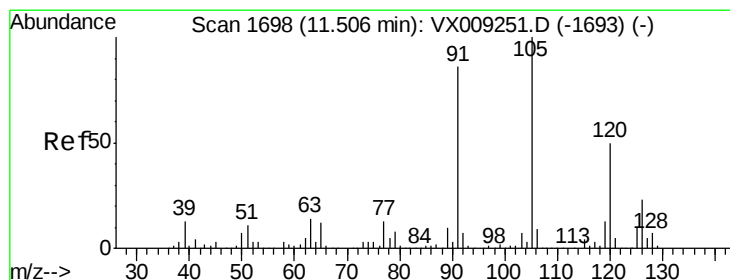
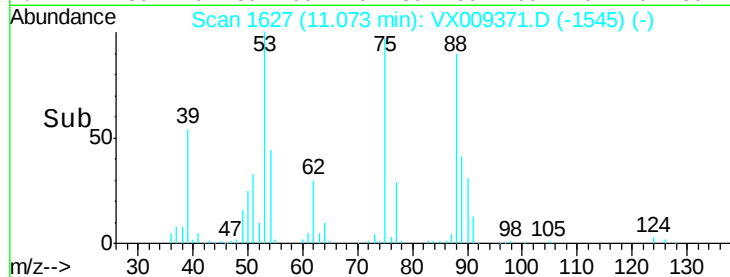
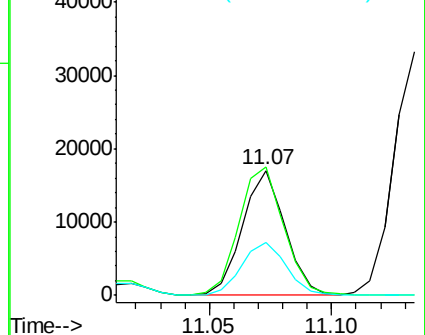
89 41.5 21.6 65.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.918 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009371.D

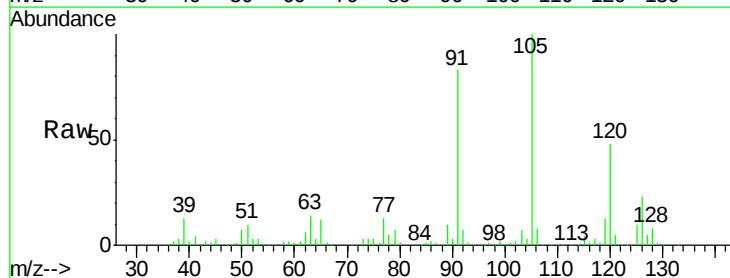
Acq: 07 May 2019 12:01

Tgt Ion: 91 Resp: 140456

Ion Ratio Lower Upper

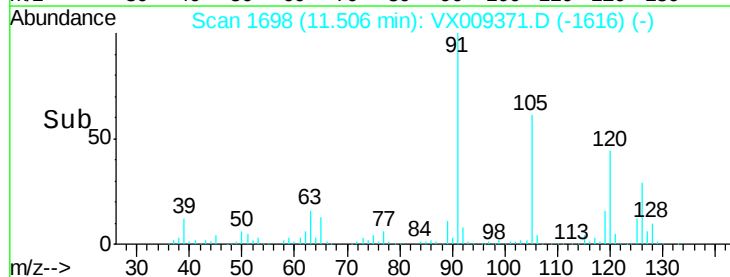
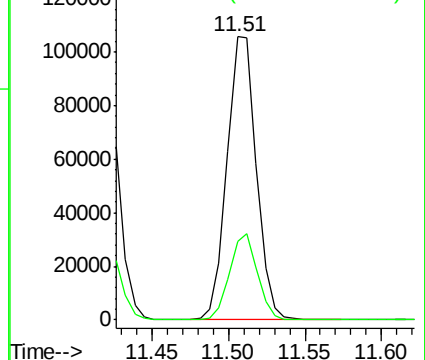
91 100

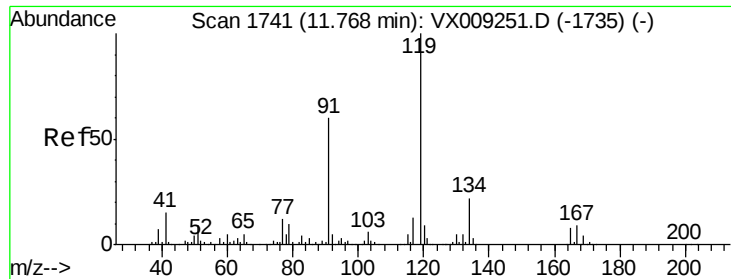
126 28.7 0.0 57.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

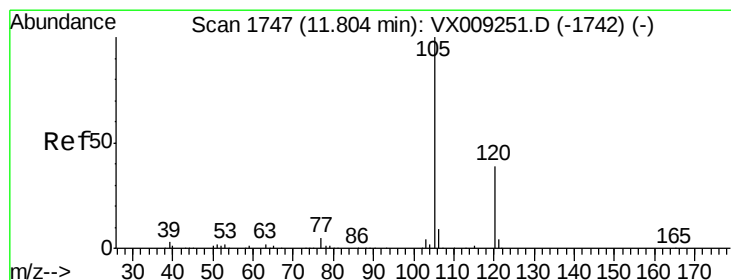
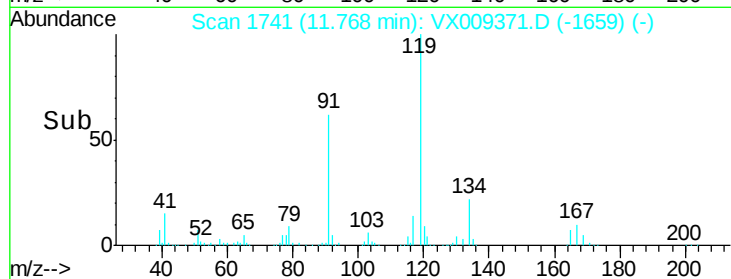
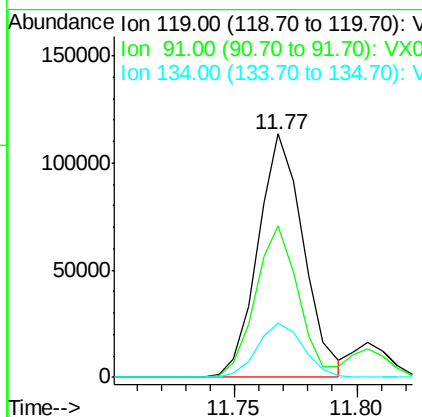
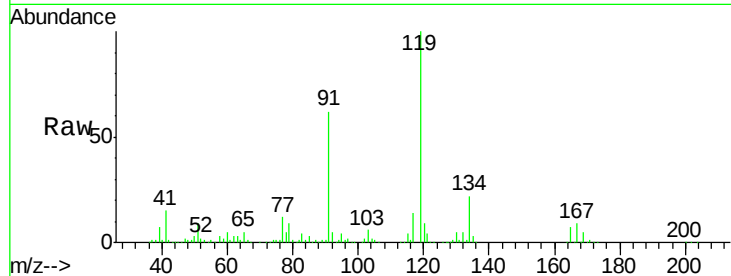




#79
tert-butylbenzene
Concen: 20.031 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009371.D
Acq: 07 May 2019 12:01

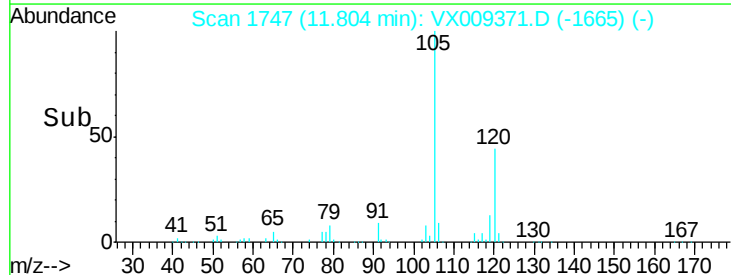
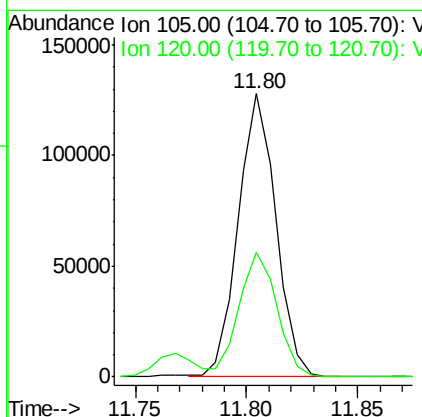
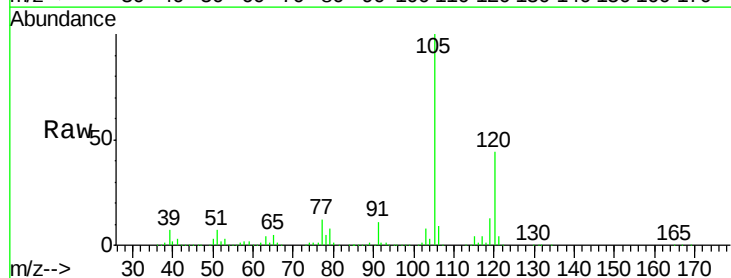
Instrument :
MSVOA_F
ClientSampleId :
VX0507WBS01

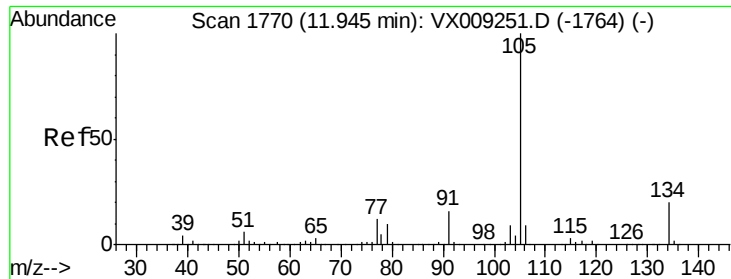
Tot Ion:119 Resp: 146517
Ion Ratio Lower Upper
119 100
91 59.5 0.0 118.2
134 22.6 0.0 45.0



#80
1,2,4-Trimethylbenzene
Concen: 19.833 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009371.D
Acq: 07 May 2019 12:01

Tgt Ion:105 Resp: 150412
Ion Ratio Lower Upper
105 100
120 45.1 0.0 89.6





#81

sec-Butylbenzene

Concen: 20.085 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

Instrument :

MSVOA_F

ClientSampleId :

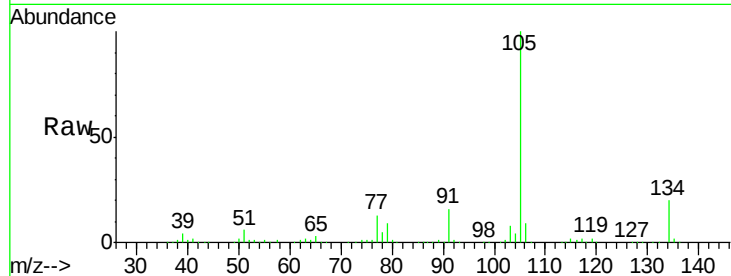
VX0507WBS01

Tot Ion:105 Resp: 174547

Ion Ratio Lower Upper

105 100

134 19.2 0.0 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

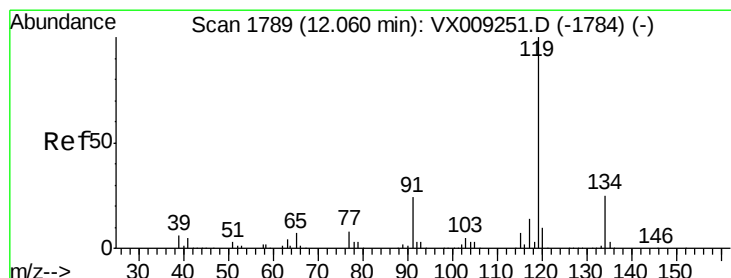
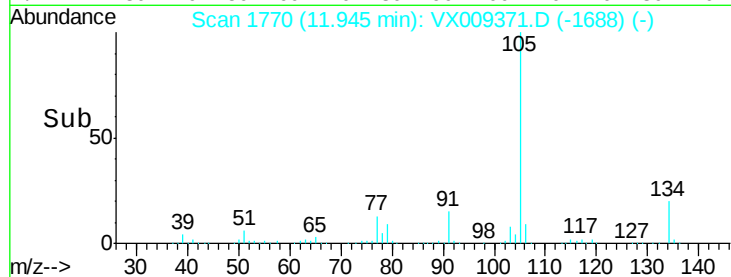
150000

100000

50000

0

Time-->



#82

p-Isopropyltoluene

Concen: 20.071 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

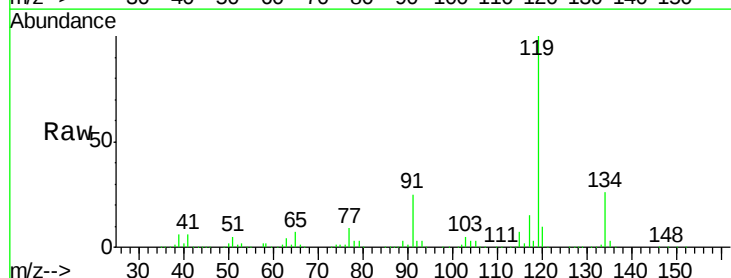
Tgt Ion:119 Resp: 158667

Ion Ratio Lower Upper

119 100

134 26.1 0.0 50.8

91 23.7 0.0 47.2



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

12.06

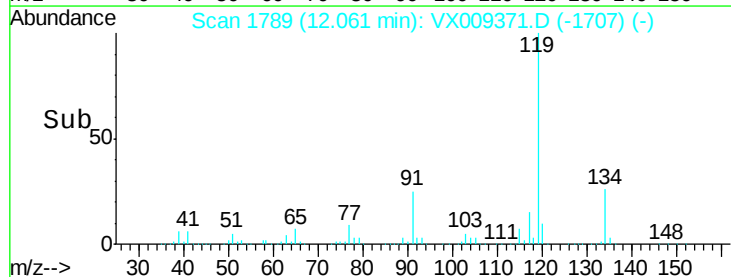
150000

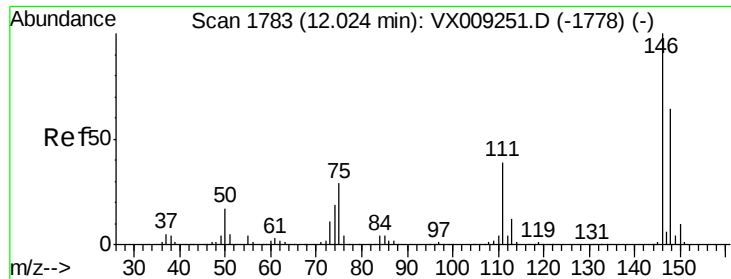
100000

50000

0

Time-->





#83

1,3-Dichlorobenzene

Concen: 19.737 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

Instrument :

MSVOA_F

ClientSampleId :

VX0507WBS01

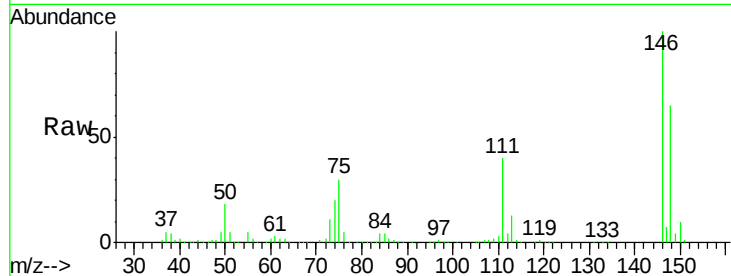
Tot Ion:146 Resp: 77791

Ion Ratio Lower Upper

146 100

111 40.5 20.0 60.0

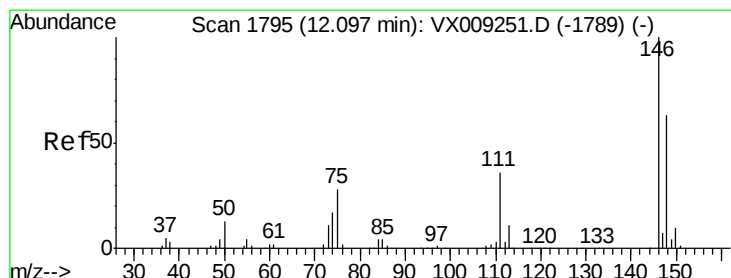
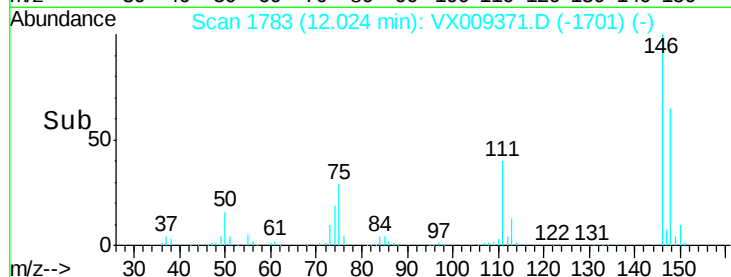
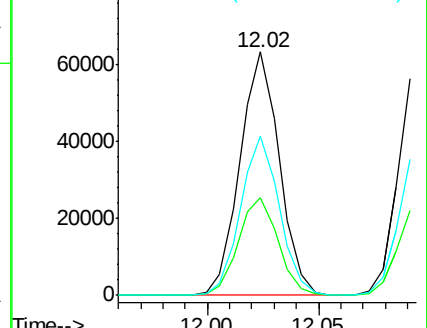
148 64.7 32.2 96.6



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 19.884 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

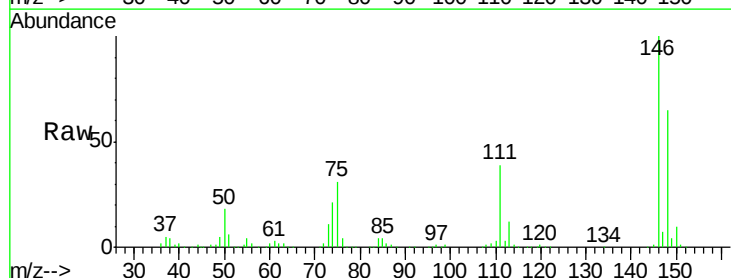
Tgt Ion:146 Resp: 78080

Ion Ratio Lower Upper

146 100

111 38.4 19.6 58.7

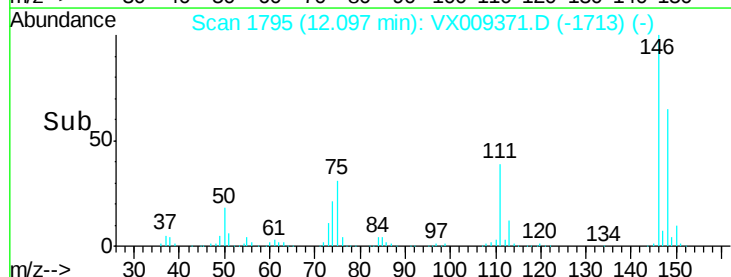
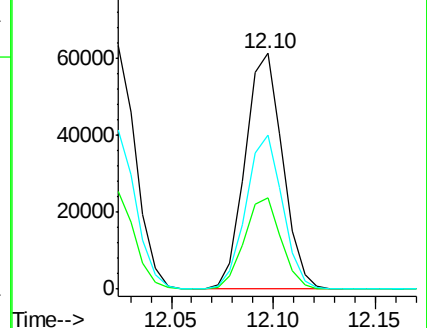
148 63.8 32.3 96.8

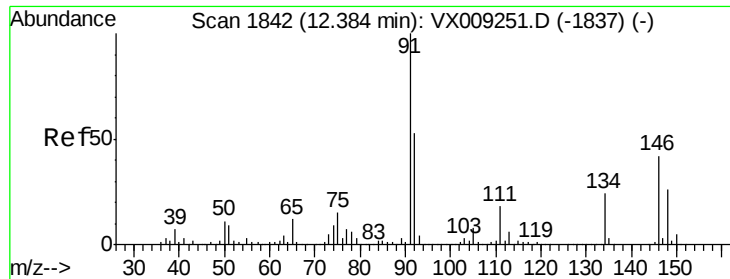


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 19.717 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

Instrument :

MSVOA_F

ClientSampleId :

VX0507WBS01

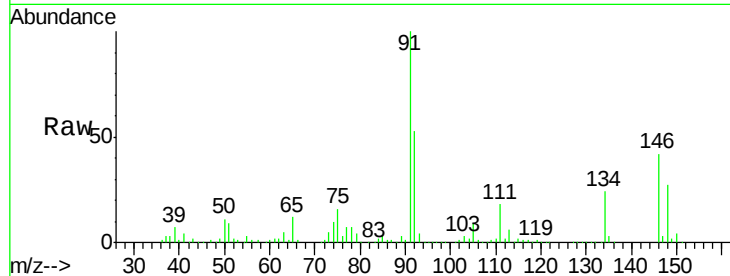
Tot Ion: 91 Resp: 142628

Ion Ratio Lower Upper

91 100

92 52.9 0.0 106.6

134 24.9 0.0 50.0

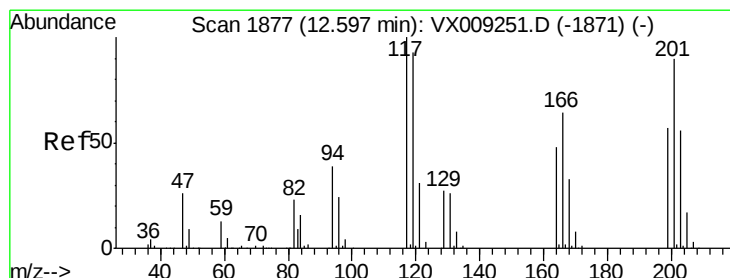
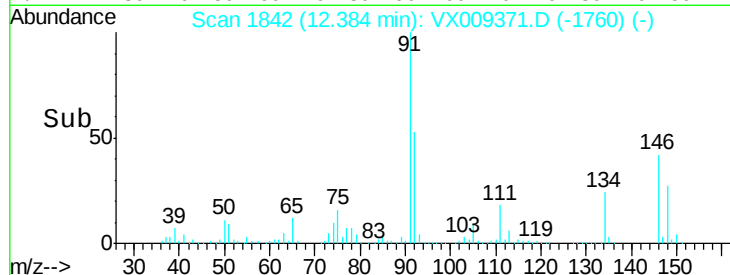


Abundance Ion 91.00 (90.70 to 91.70): VX009371.D (-1760) (-)

Ion 92.00 (91.70 to 92.70): VX009371.D (-1760) (-)

Ion 134.00 (133.70 to 134.70): VX009371.D (-1760) (-)

Time-->



#86

Hexachloroethane

Concen: 19.790 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX009371.D

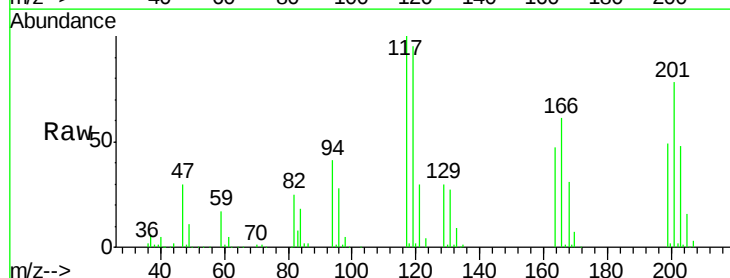
Acq: 07 May 2019 12:01

Tgt Ion: 117 Resp: 26621

Ion Ratio Lower Upper

117 100

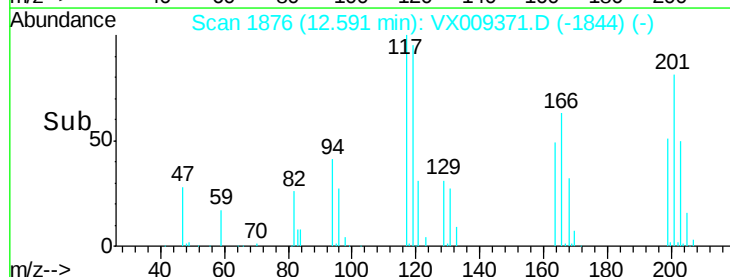
201 87.0 41.8 125.4

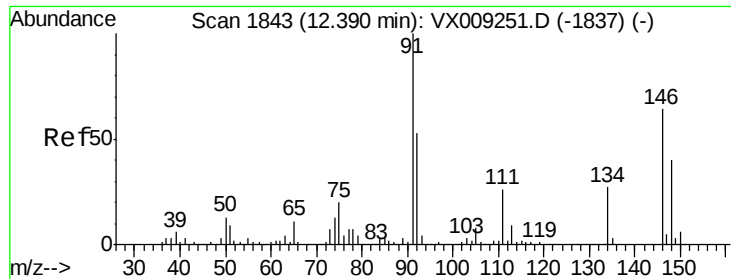


Abundance Ion 117.00 (116.70 to 117.70): VX009371.D (-1844) (-)

Ion 201.00 (200.70 to 201.70): VX009371.D (-1844) (-)

Time-->

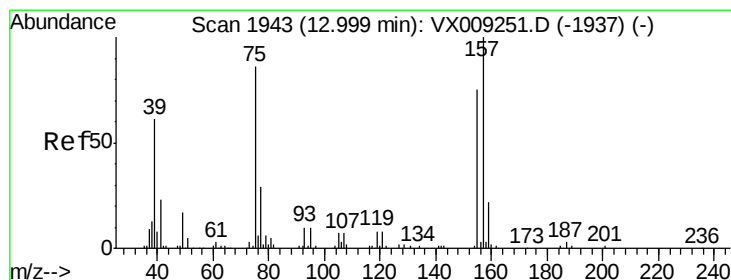
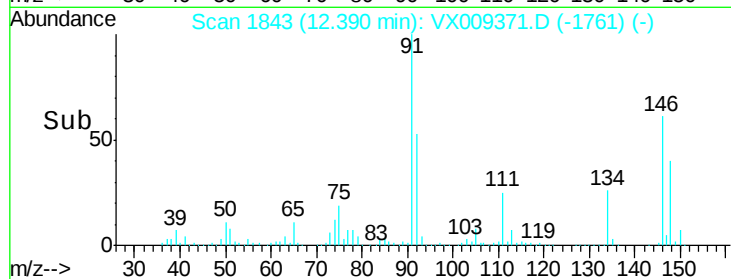
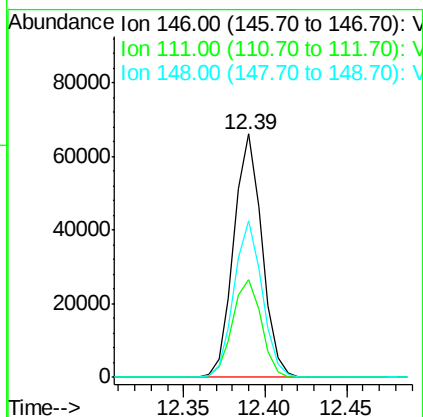
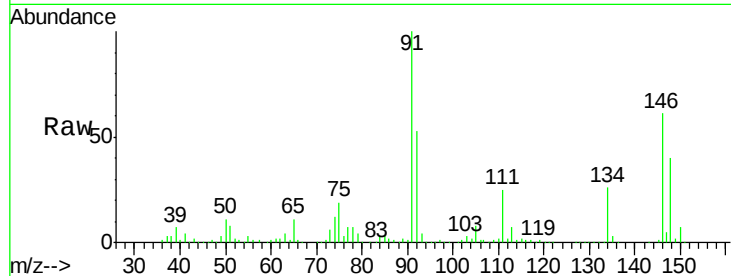




#87
 1,2-Dichlorobenzene
 Concen: 20.059 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009371.D
 Acq: 07 May 2019 12:01

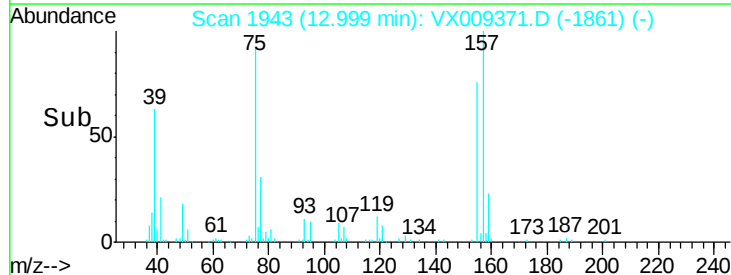
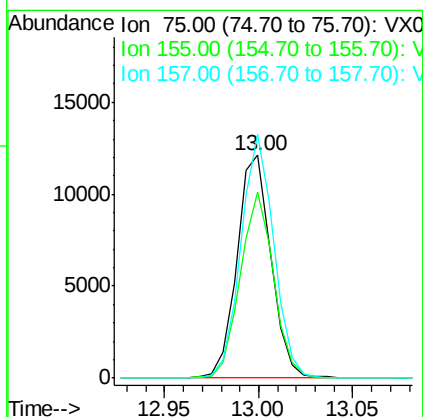
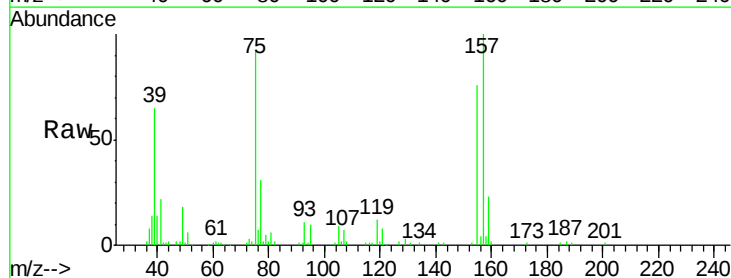
Instrument :
 MSVOA_F
 ClientSampleId :
 VX0507WBS01

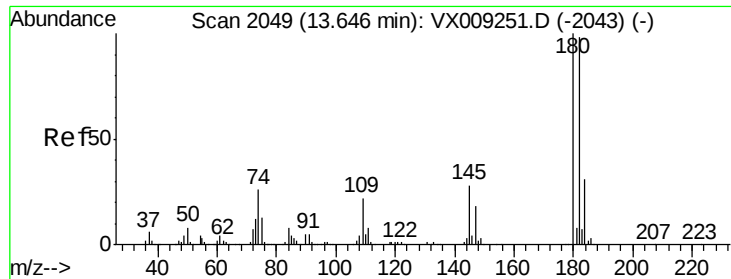
Tot Ion:146 Resp: 79584
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.8 62.2
 148 64.2 31.4 94.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.933 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009371.D
 Acq: 07 May 2019 12:01

Tgt Ion: 75 Resp: 15153
 Ion Ratio Lower Upper
 75 100
 155 81.1 65.9 98.9
 157 105.5 85.2 127.8

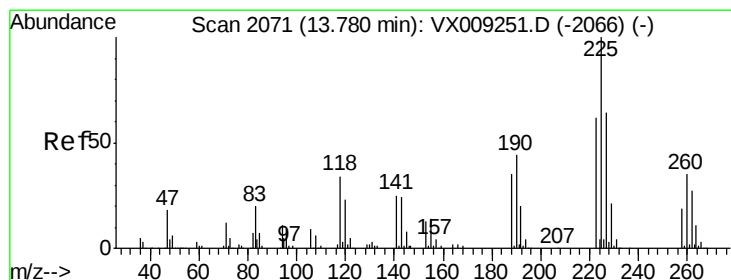
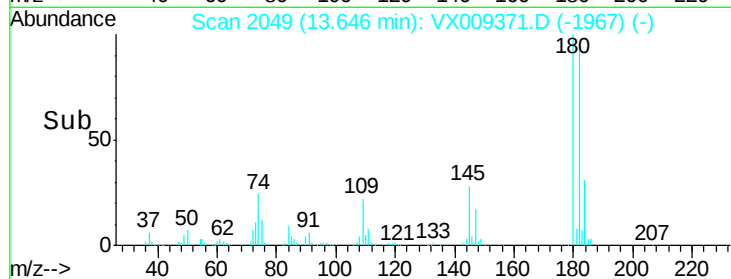
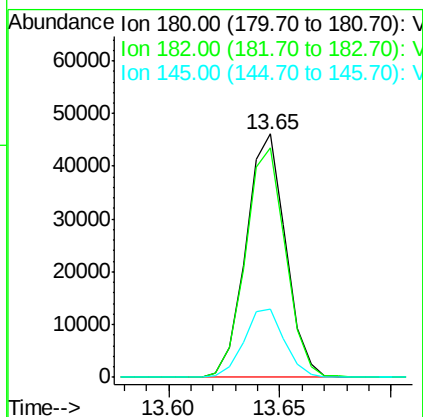
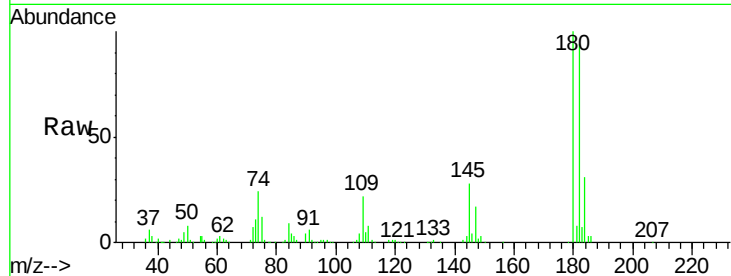




#89
 1,2,4-Trichlorobenzene
 Concen: 20.213 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009371.D
 Acq: 07 May 2019 12:01

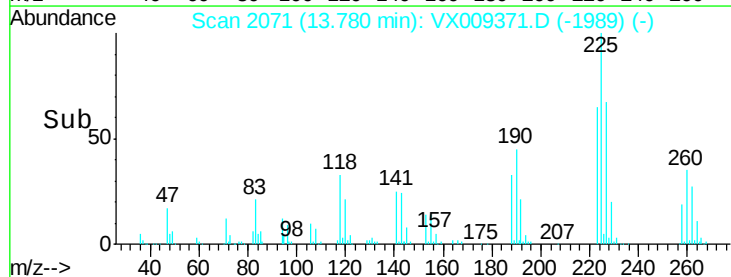
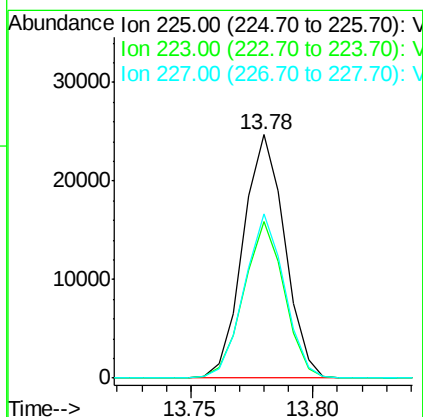
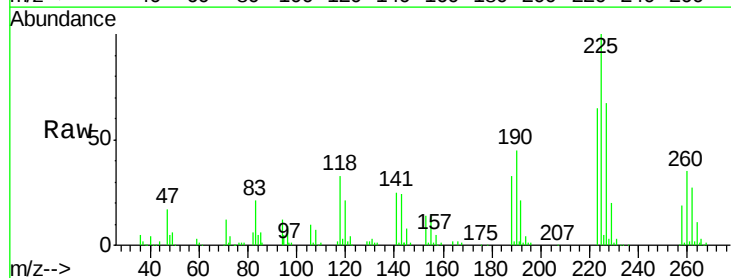
Instrument :
 MSVOA_F
 ClientSampleId :
 VX0507WBS01

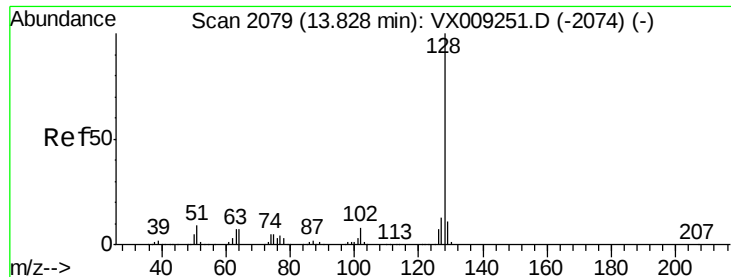
Tot Ion:180 Resp: 57159
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.9 115.3
 145 28.8 23.0 34.6



#90
 Hexachlorobutadiene
 Concen: 20.777 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009371.D
 Acq: 07 May 2019 12:01

Tgt Ion:225 Resp: 29348
 Ion Ratio Lower Upper
 225 100
 223 62.5 0.0 126.6
 227 64.8 0.0 130.0





#91

Naphthalene

Concen: 20.011 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

Instrument :

MSVOA_F

ClientSampleId :

VX0507WBS01

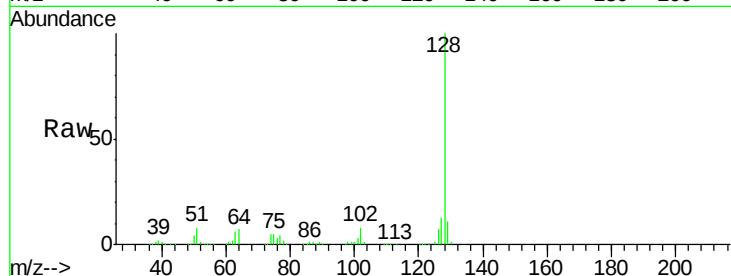
Tot Ion:128 Resp: 185276

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

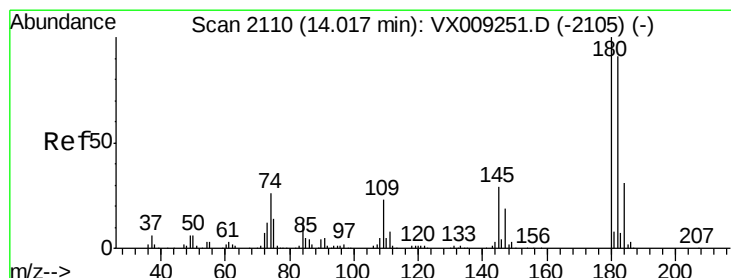
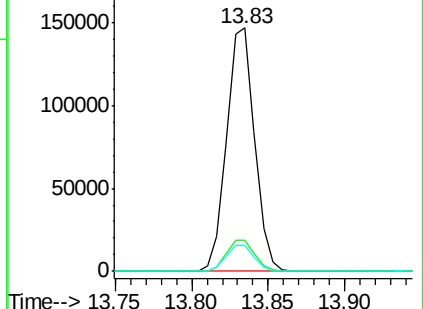
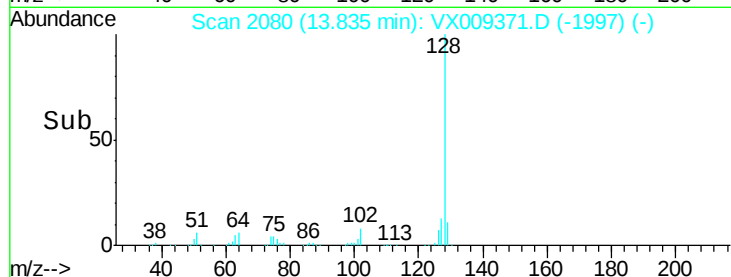
129 10.9 8.7 13.1



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



#92

1,2,3-Trichlorobenzene

Concen: 20.462 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX009371.D

Acq: 07 May 2019 12:01

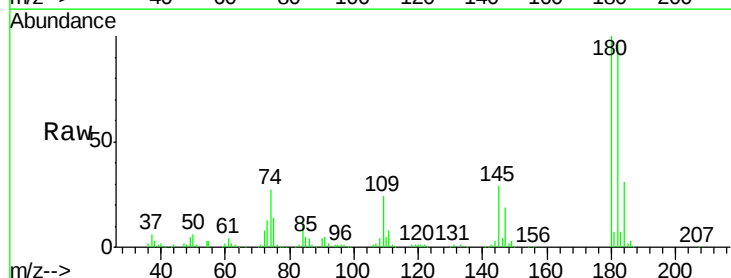
Tgt Ion:180 Resp: 58820

Ion Ratio Lower Upper

180 100

182 96.8 0.0 189.0

145 30.6 0.0 61.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

