

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX050319\
 Data File : VX009300.D
 Acq On : 03 May 2019 09:47
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: May 03 10:07:03 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	35047	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	202997	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	179208	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	85743	29.49	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.30%
60) 4-Bromofluorobenzene	11.13	95	92306	30.31	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.03%
63) Toluene-d8	8.71	98	255893	30.12	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	37819	20.308	ug/l 99
3) Chloromethane	1.32	50	49962	19.960	ug/l 99
4) Vinyl Chloride	1.41	62	49471	19.811	ug/l 99
5) Bromomethane	1.64	94	29384	18.563	ug/l 95
6) Chloroethane	1.72	64	31360	19.149	ug/l 96
7) Trichlorofluoromethane	1.93	101	60856	19.735	ug/l 97
8) Diethyl Ether	2.18	74	27852	19.452	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	38814	20.330	ug/l 98
10) 1,1-Dichloroethene	2.37	96	38211	19.933	ug/l 98
11) Methyl Iodide	2.51	142	36621	17.573	ug/l 97
12) Methyl Acetate	2.77	43	66303	18.363	ug/l 99
13) Acrolein	2.29	56	42263	85.341	ug/l 98
14) Acrylonitrile	3.14	53	149198	95.214	ug/l 99
15) Acetone	2.44	58	46349	103.022	ug/l 96
16) Carbon Disulfide	2.57	76	100394	19.356	ug/l 98
17) Allyl chloride	2.73	41	88976	19.334	ug/l 99
18) Methylene Chloride	2.85	84	45874	19.801	ug/l 96
19) trans-1,2-Dichloroethene	3.16	96	40086	19.613	ug/l 98
20) Diisopropyl ether	3.85	45	179793	19.838	ug/l 95
21) 1,1-Dichloroethane	3.69	63	86404	19.700	ug/l 97
22) cis-1,2-Dichloroethene	4.59	96	48016	19.503	ug/l 96
23) tert-Butyl Alcohol	3.04	59	59090	89.182	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	146695	19.554	ug/l 100
25) Chloroform	5.20	83	79351	19.826	ug/l 96
26) Cyclohexane	5.57	56	82130	20.092	ug/l # 97
29) 1,1-Dichloropropene	5.80	75	60662	20.366	ug/l 100
30) 2-Butanone	4.67	43	233100	99.927	ug/l 99
31) 2,2-Dichloropropane	4.58	77	65352	19.902	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	64076	19.844	ug/l 97
33) Carbon Tetrachloride	5.78	117	54503	20.174	ug/l 99
34) Benzene	6.14	78	185810	20.234	ug/l 100
35) Methacrylonitrile	5.03	41	47501	19.463	ug/l 94
36) 1,2-Dichloroethane	6.19	62	67168	20.158	ug/l 100
37) Trichloroethene	7.21	130	44966	20.341	ug/l 95
38) Methylcyclohexane	7.46	83	75376	20.482	ug/l 99
39) 1,2-Dichloropropane	7.51	63	53539	20.473	ug/l 97
40) Dibromomethane	7.66	93	29875	20.128	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	59757	19.711	ug/l	99
42) Vinyl Acetate	3.81	43	775048	100.668	ug/l	100
43) Ethyl Acetate	4.83	43	82044	19.464	ug/l	98
44) Isopropyl Acetate	6.44	43	131188	19.212	ug/l	99
45) 1,4-Dioxane	7.73	88	25912	386.503	ug/l	99
46) Methyl methacrylate	7.76	41	66686	19.566	ug/l	96
47) n-amyl Acetate	10.90	43	119782	19.472	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	67404	19.055	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	76022	19.576	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	45914	20.191	ug/l	97
51) Ethyl methacrylate	9.18	69	81742	19.452	ug/l	98
52) 1,3-Dichloropropane	9.37	76	80920	20.051	ug/l	100
53) Dibromochloromethane	9.58	129	44757	19.763	ug/l	100
54) 1,2-Dibromoethane	9.67	107	45841	19.656	ug/l	99
55) 2-Chloroethyl vinyl ether	8.30	63	251925	112.506	ug/l	99
56) Bromoform	10.85	173	33229	19.114	ug/l	100
58) 4-Methyl-2-Pentanone	8.63	43	431140	97.842	ug/l	100
59) 2-Hexanone	9.49	43	348834	100.929	ug/l	100
61) Tetrachloroethene	9.34	164	42441	21.483	ug/l	97
62) Toluene	8.78	91	196280	20.497	ug/l	99
64) Chlorobenzene	10.13	112	116766	20.261	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	42642	20.208	ug/l	99
66) Ethyl Benzene	10.25	91	217014	20.343	ug/l	98
67) m/p-Xylenes	10.36	106	160943	41.321	ug/l	100
68) o-Xylene	10.69	106	78621	20.528	ug/l	99
69) Styrene	10.71	104	136376	20.285	ug/l	99
70) Isopropylbenzene	11.02	105	212228	20.605	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	74705	19.805	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	87399	26.887	ug/l	82
73) Bromobenzene	11.26	156	51118	20.087	ug/l	98
74) n-propylbenzene	11.36	91	246123	20.621	ug/l	99
75) 2-Chlorotoluene	11.42	91	148409	20.730	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	181413	20.793	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	24085	18.369	ug/l	99
78) 4-Chlorotoluene	11.51	91	168152	20.680	ug/l	100
79) tert-butylbenzene	11.77	119	172482	20.450	ug/l	100
80) 1,2,4-Trimethylbenzene	11.80	105	181658	20.774	ug/l	100
81) sec-Butylbenzene	11.94	105	207757	20.733	ug/l	99
82) p-Isopropyltoluene	12.06	119	189100	20.745	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	93380	20.547	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	91986	20.316	ug/l	99
85) n-Butylbenzene	12.38	91	172760	20.712	ug/l	99
86) Hexachloroethane	12.60	117	30529	19.682	ug/l	99
87) 1,2-Dichlorobenzene	12.39	146	93819	20.508	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	16682	19.031	ug/l	99
89) 1,2,4-Trichlorobenzene	13.65	180	67996	20.853	ug/l	99
90) Hexachlorobutadiene	13.78	225	34878	21.414	ug/l	98
91) Naphthalene	13.83	128	214245	20.068	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	68187	20.572	ug/l	99

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

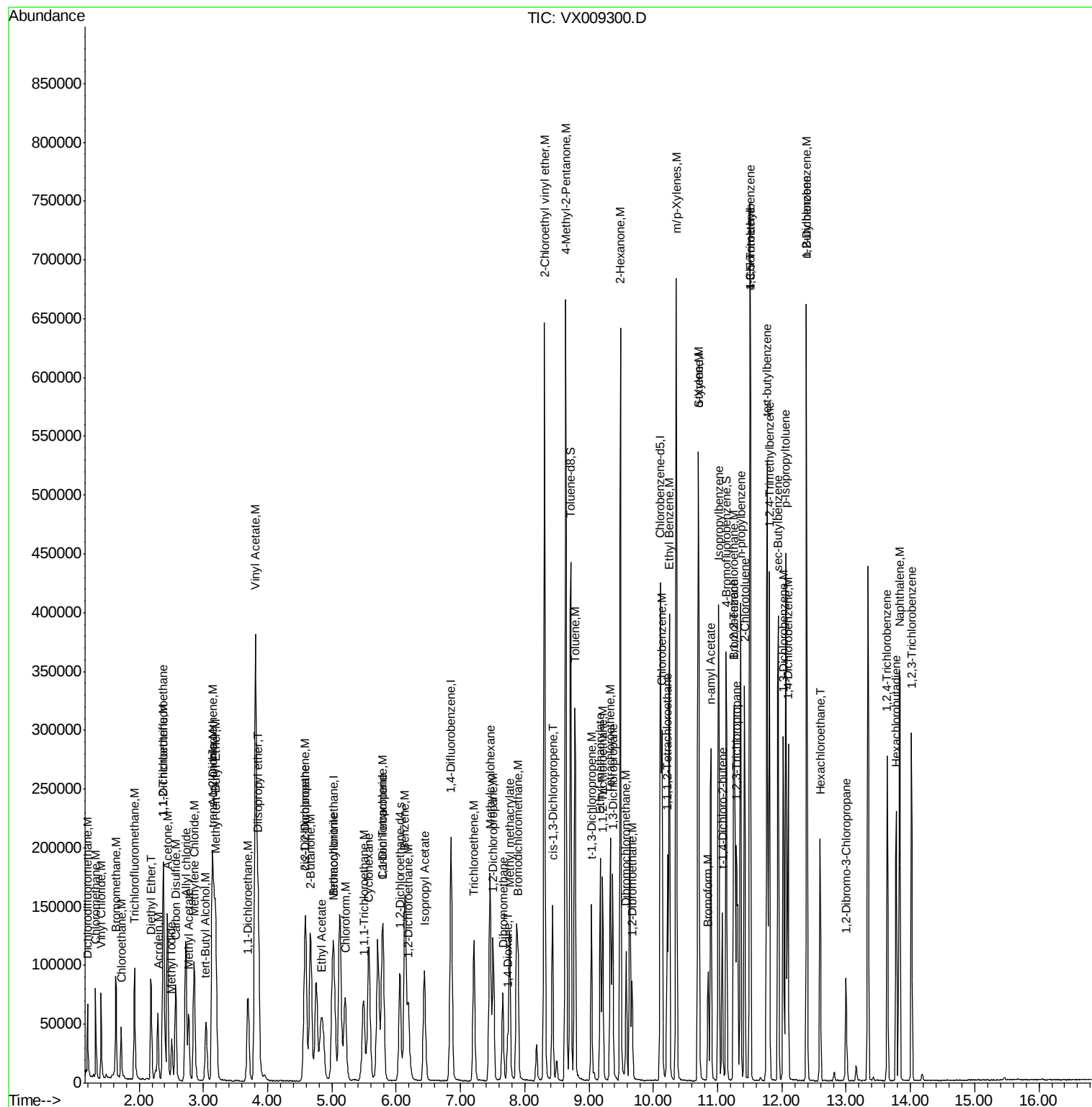
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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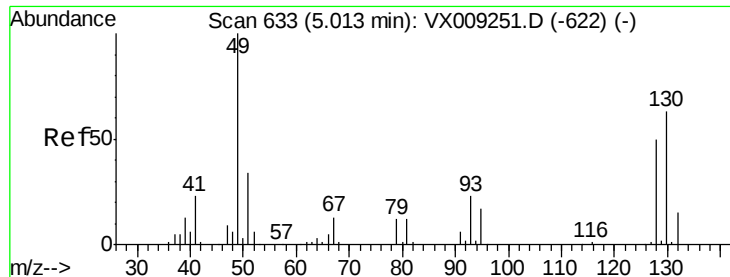
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC020

Quant Time: May 03 10:07:03 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: VX009300.D

Acq: 03 May 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

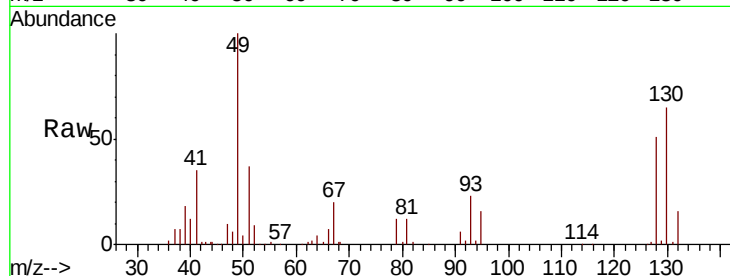
Tgt Ion:128 Resp: 35047

Ion Ratio Lower Upper

128 100

49 203.0 0.0 515.0

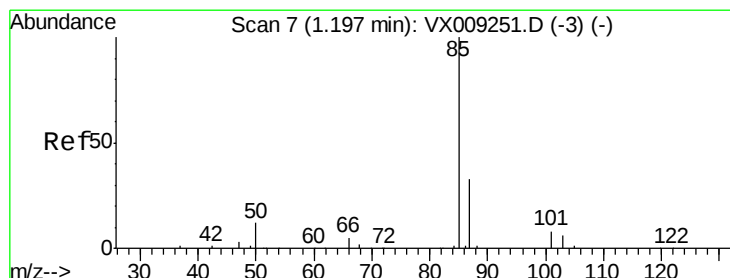
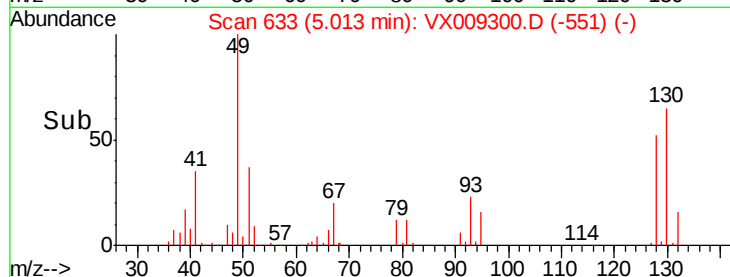
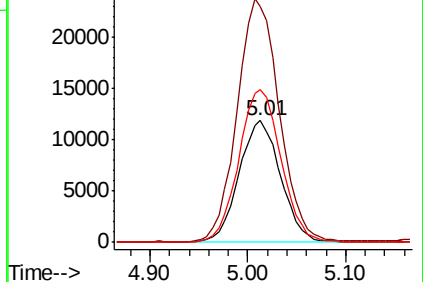
130 127.1 0.0 323.3



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: 20.308 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009300.D

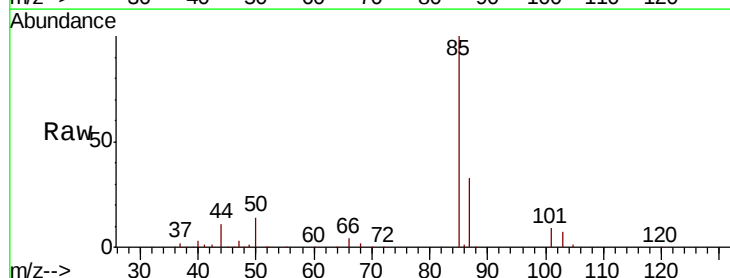
Acq: 03 May 2019 09:47

Tgt Ion: 85 Resp: 37819

Ion Ratio Lower Upper

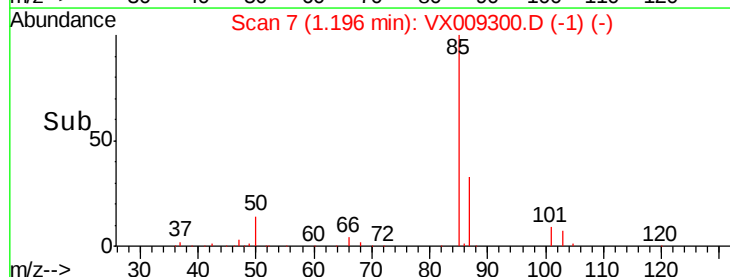
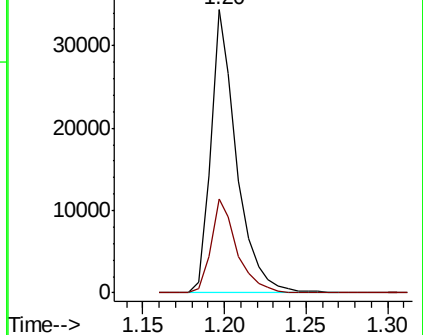
85 100

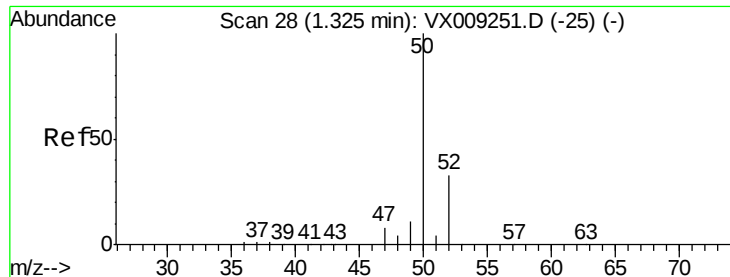
87 33.0 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.960 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009300.D

Acq: 03 May 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

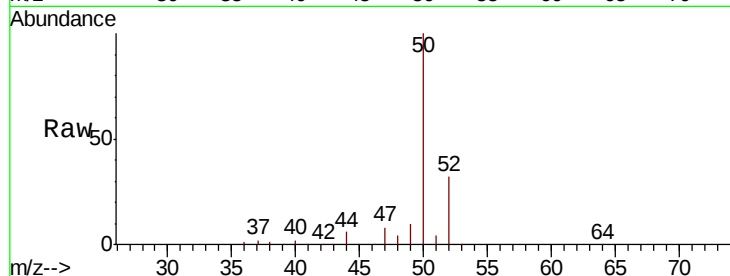
VSTDCCC020

Tgt Ion: 50 Resp: 49962

Ion Ratio Lower Upper

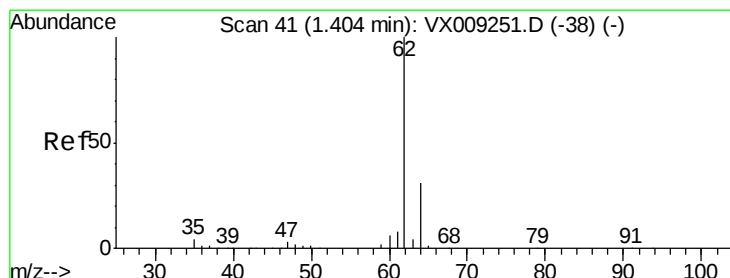
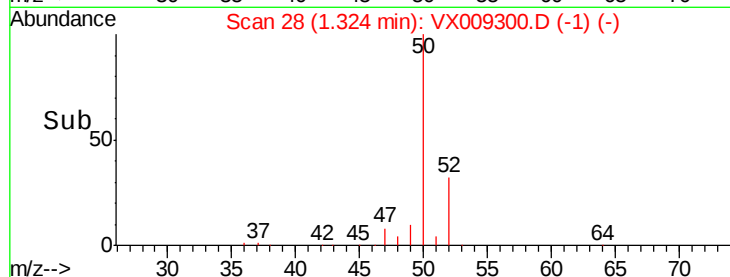
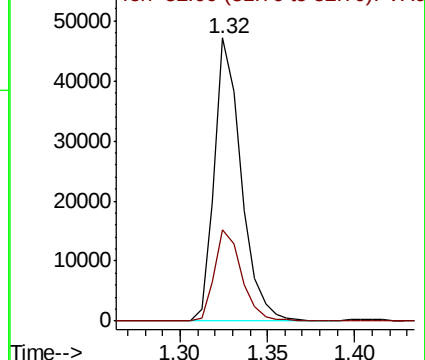
50 100

52 32.2 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: 19.811 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX009300.D

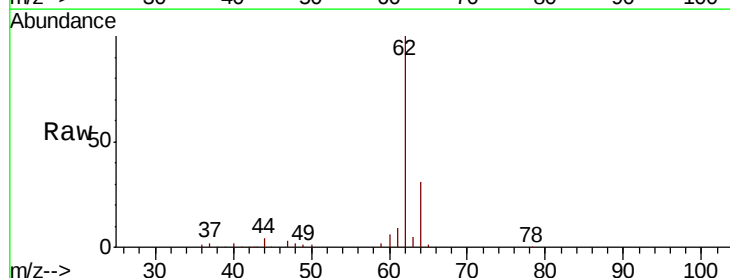
Acq: 03 May 2019 09:47

Tgt Ion: 62 Resp: 49471

Ion Ratio Lower Upper

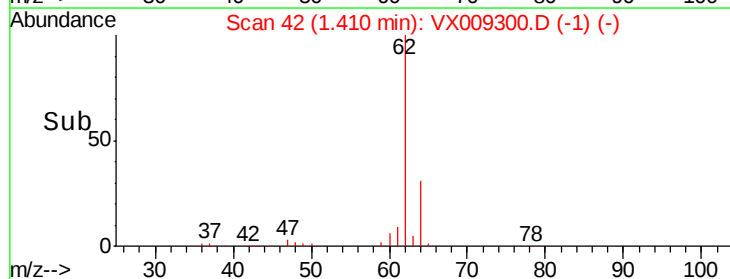
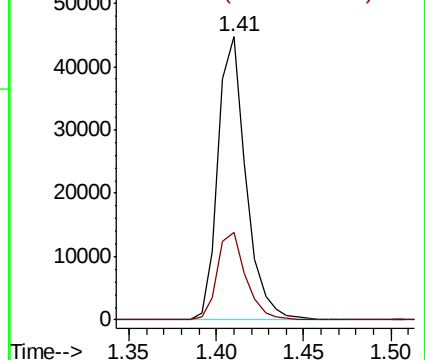
62 100

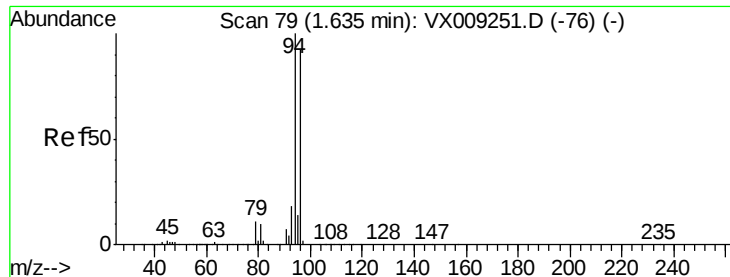
64 31.2 24.6 36.8



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 18.563 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009300.D

Acq: 03 May 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

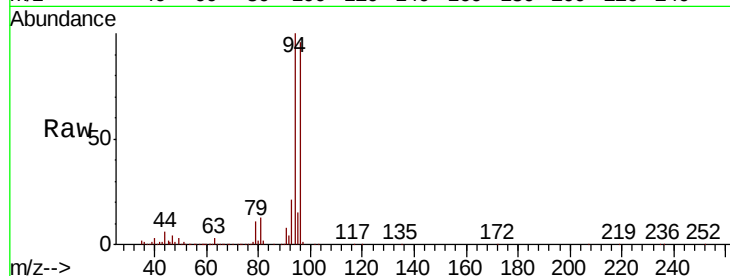
VSTDCCC020

Tgt Ion: 94 Resp: 29384

Ion Ratio Lower Upper

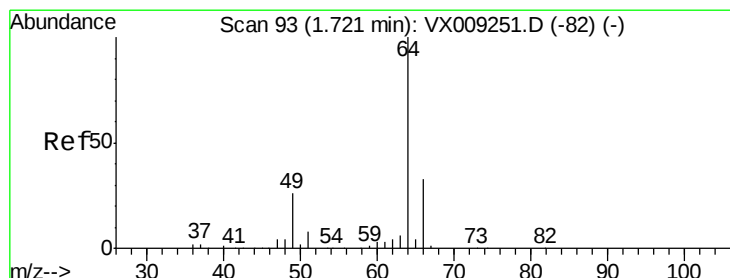
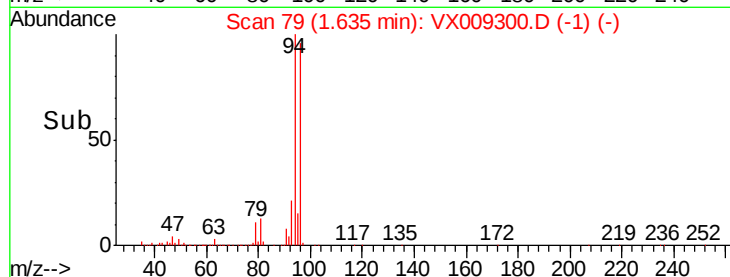
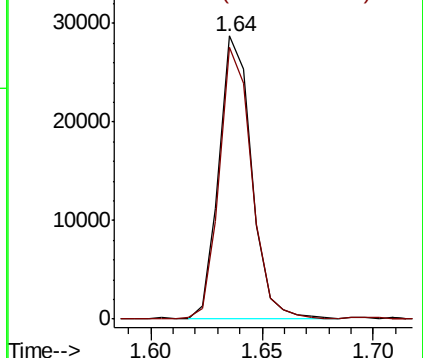
94 100

96 96.3 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: 19.149 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX009300.D

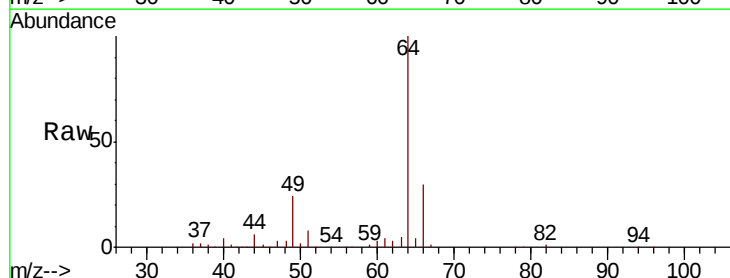
Acq: 03 May 2019 09:47

Tgt Ion: 64 Resp: 31360

Ion Ratio Lower Upper

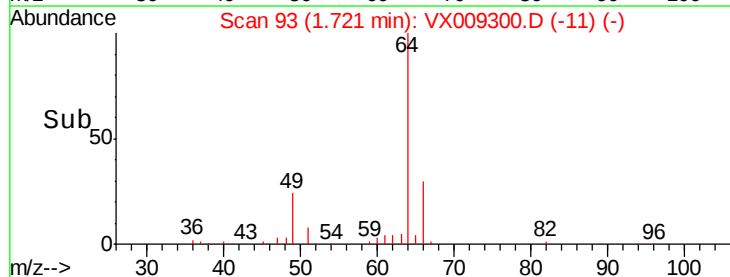
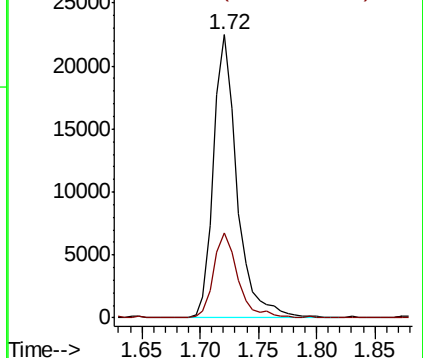
64 100

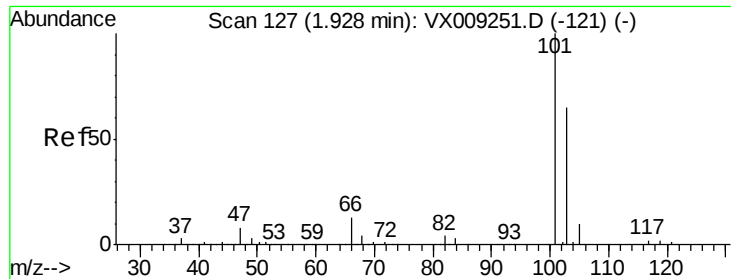
66 30.3 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



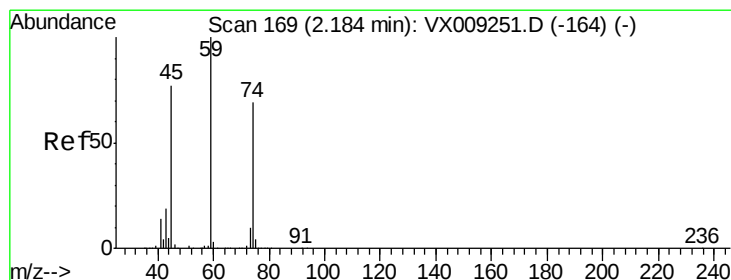
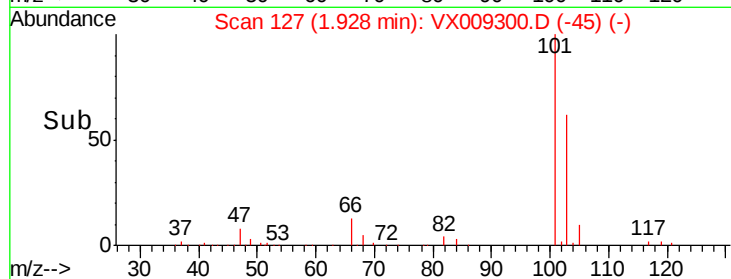
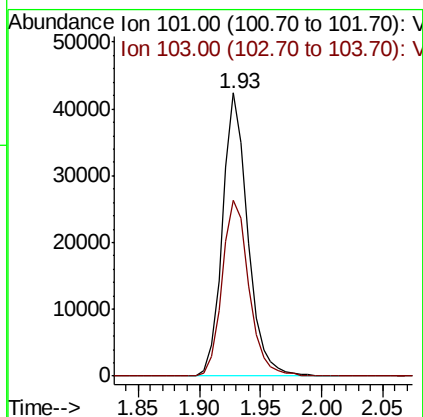
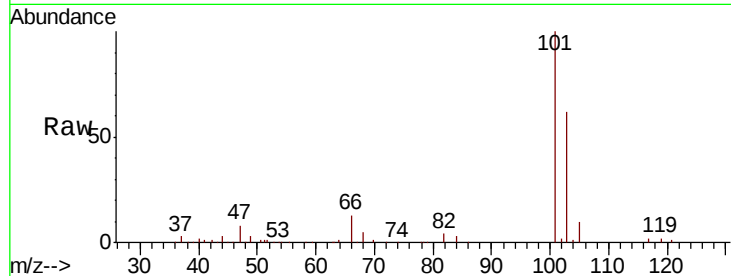


#7

Trichlorofluoromethane
 Concen: 19.735 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX009300.D
 Acq: 03 May 2019 09:47

Instrument :
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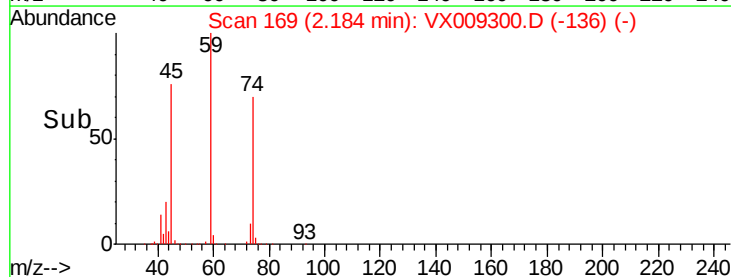
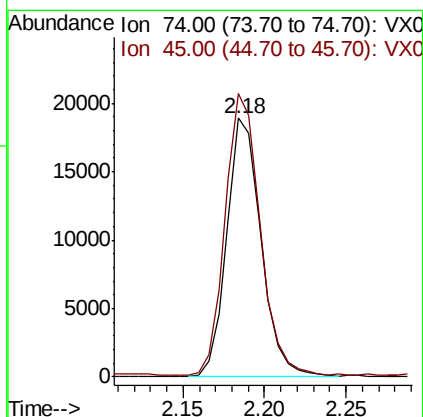
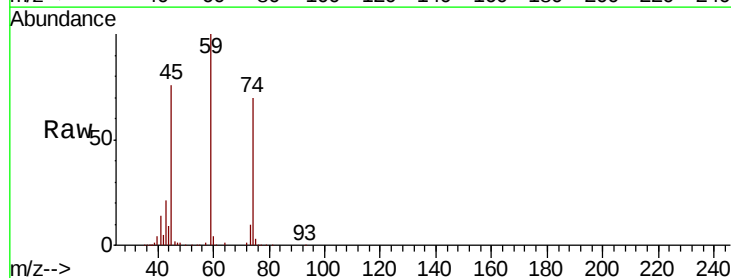
Tgt Ion:101 Resp: 60856
 Ion Ratio Lower Upper
 101 100
 103 62.2 51.9 77.9

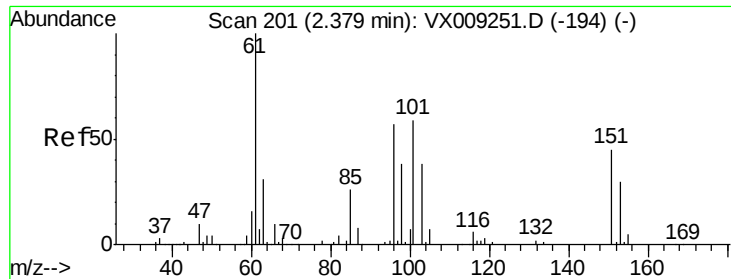


#8

Diethyl Ether
 Concen: 19.452 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX009300.D
 Acq: 03 May 2019 09:47

Tgt Ion: 74 Resp: 27852
 Ion Ratio Lower Upper
 74 100
 45 110.4 21.5 193.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.330 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009300.D

Acq: 03 May 2019 09:47

Instrument :

MSVOA_X

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VSTDCCC020

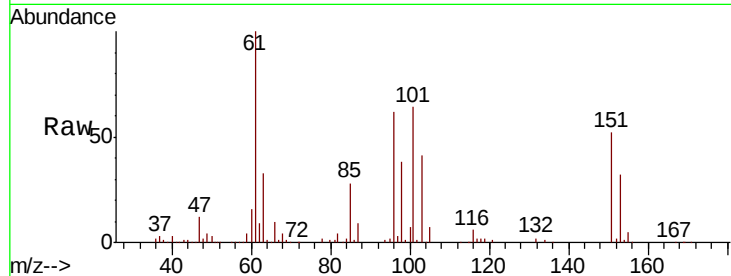
Tgt Ion: 101 Resp: 38814

Ion Ratio Lower Upper

101 100

85 44.5 0.0 87.4

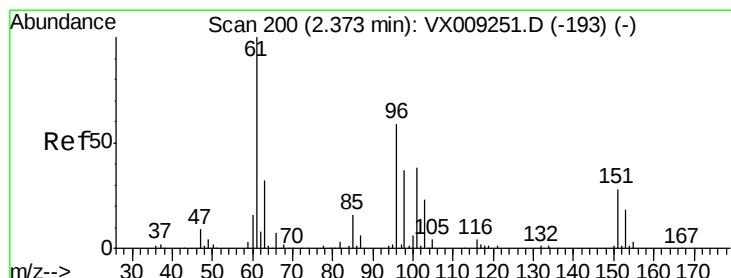
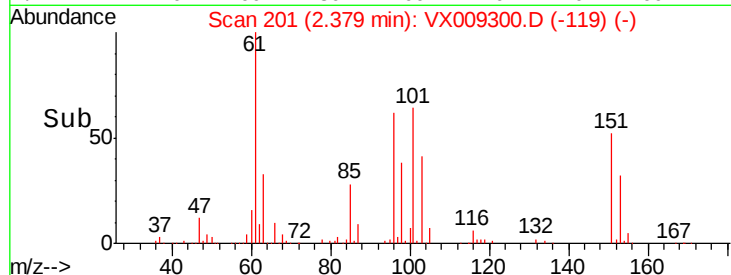
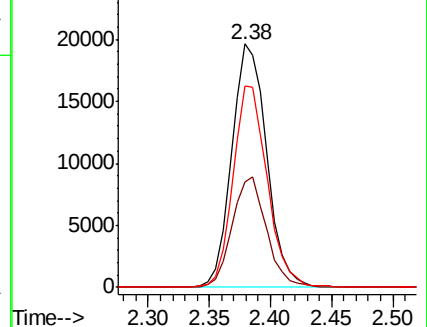
151 80.9 0.0 157.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.933 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX009300.D

Acq: 03 May 2019 09:47

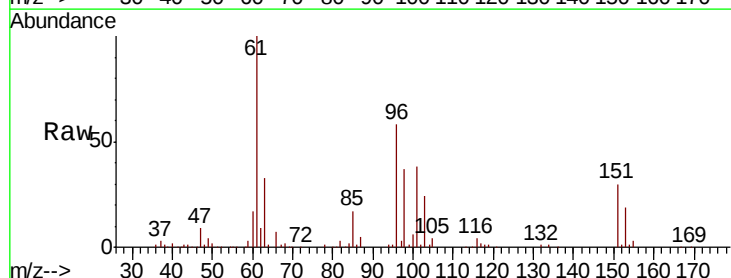
Tgt Ion: 96 Resp: 38211

Ion Ratio Lower Upper

96 100

61 173.2 136.5 204.7

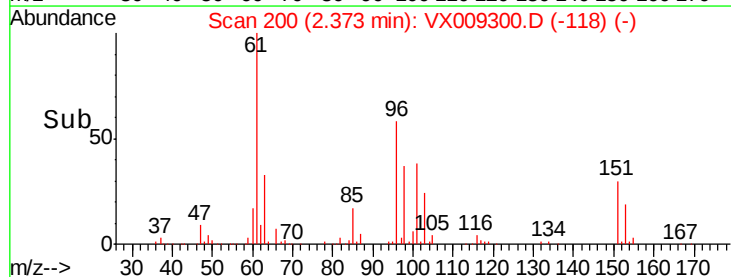
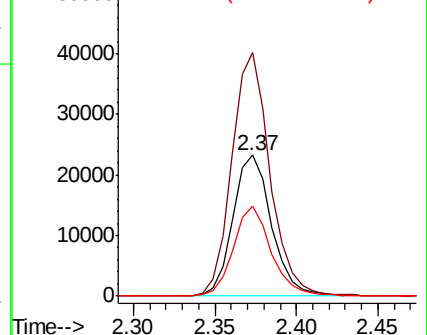
98 64.0 51.0 76.4

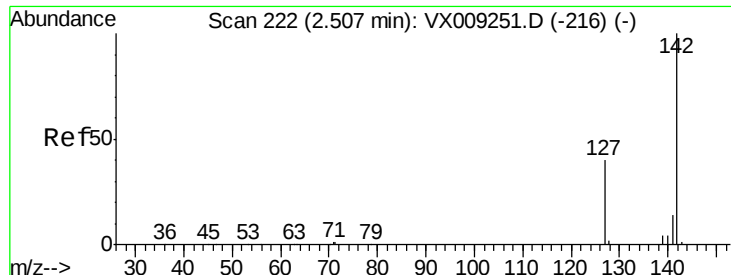


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

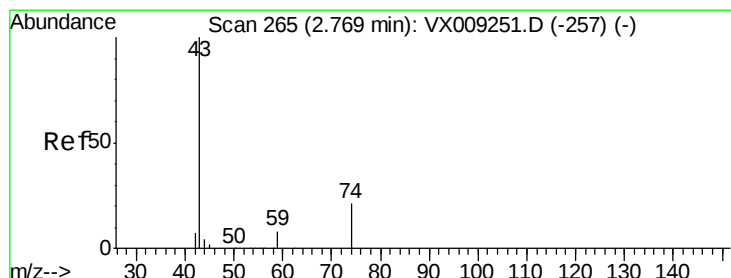
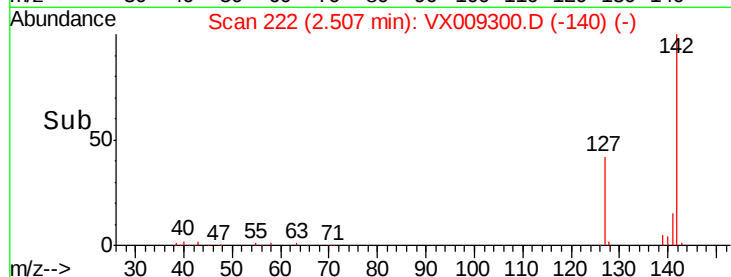
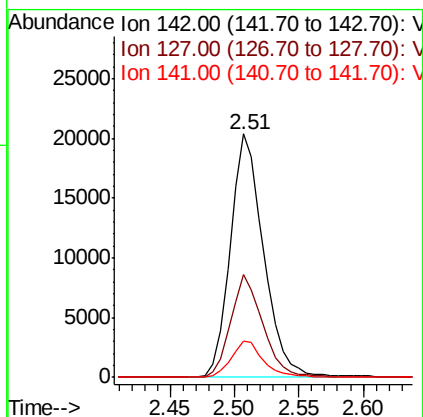
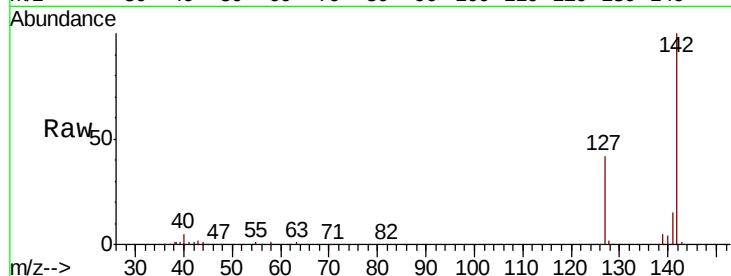




#11
Methyl Iodide
Concen: 17.573 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX009300.D
Acq: 03 May 2019 09:47

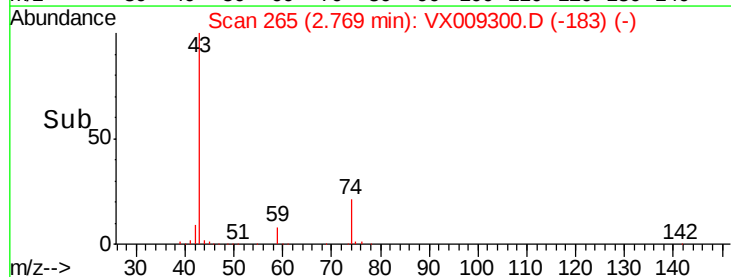
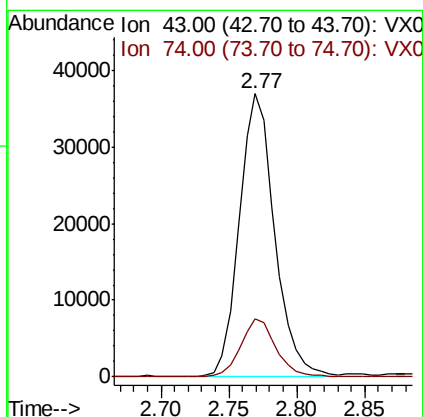
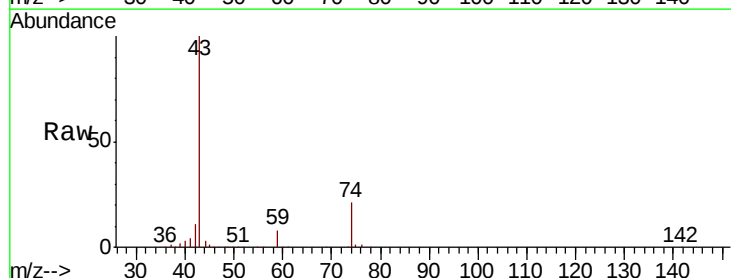
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

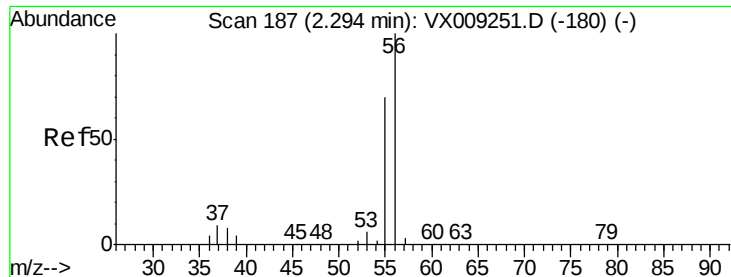
Tgt Ion: 142 Resp: 36621
Ion Ratio Lower Upper
142 100
127 42.1 20.2 60.5
141 14.8 6.9 20.7



#12
Methyl Acetate
Concen: 18.363 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX009300.D
Acq: 03 May 2019 09:47

Tgt Ion: 43 Resp: 66303
Ion Ratio Lower Upper
43 100
74 20.3 16.5 24.7





#13

Acrolein

Concen: 85.341 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009300.D

Acq: 03 May 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

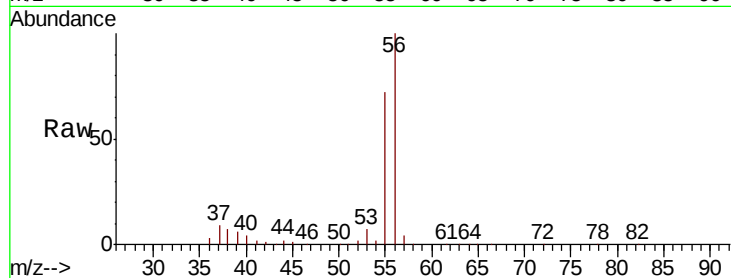
VSTDCCC020

Tgt Ion: 56 Resp: 42263

Ion Ratio Lower Upper

56 100

55 73.1 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

30000

25000

20000

15000

10000

5000

0

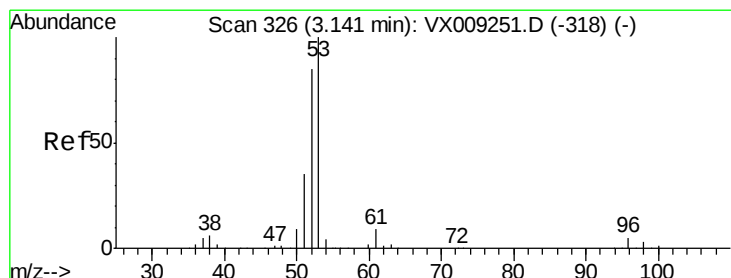
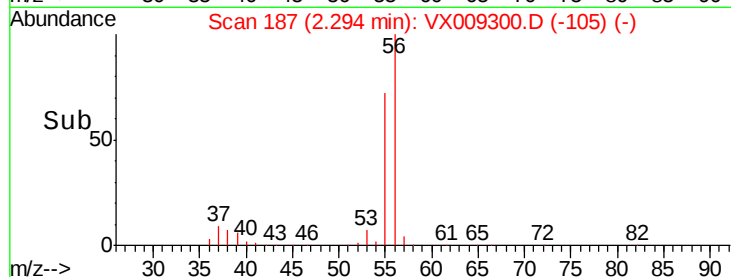
Time-->

2.20

2.25

2.30

2.35



#14

Acrylonitrile

Concen: 95.214 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX009300.D

Acq: 03 May 2019 09:47

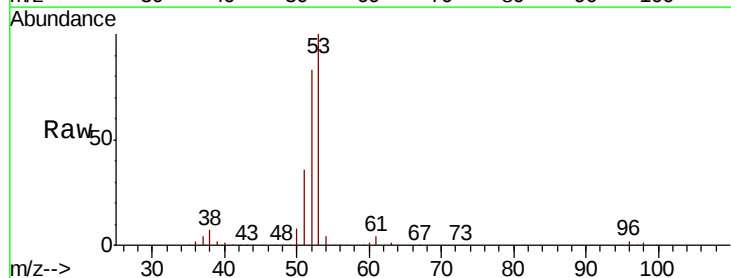
Tgt Ion: 53 Resp: 149198

Ion Ratio Lower Upper

53 100

52 82.4 41.5 124.5

51 35.6 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

80000

60000

40000

20000

0

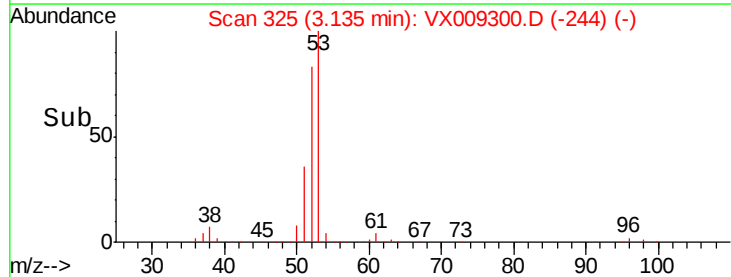
Time-->

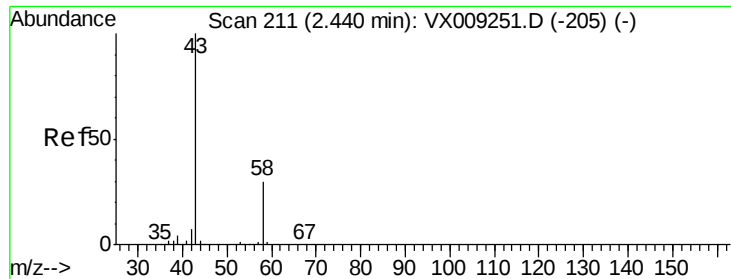
3.10

3.14

3.20

3.30





#15

Acetone

Concen: 103.022 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX009300.D

Acq: 03 May 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

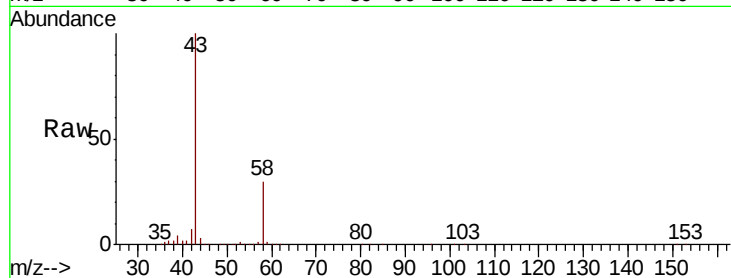
VSTDCCC020

Tgt Ion: 58 Resp: 46349

Ion Ratio Lower Upper

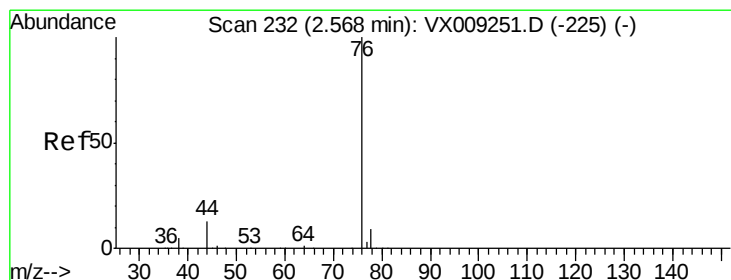
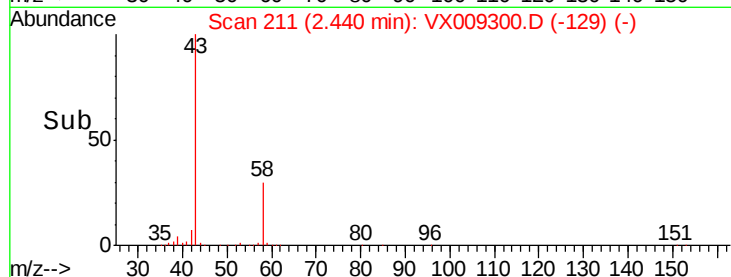
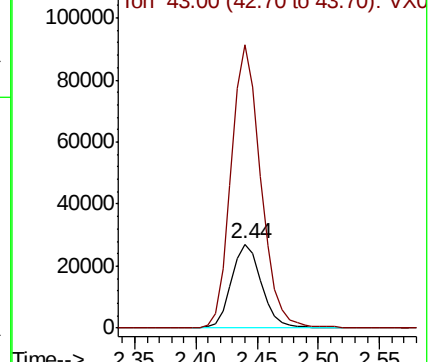
58 100

43 337.4 264.0 396.0



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 19.356 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX009300.D

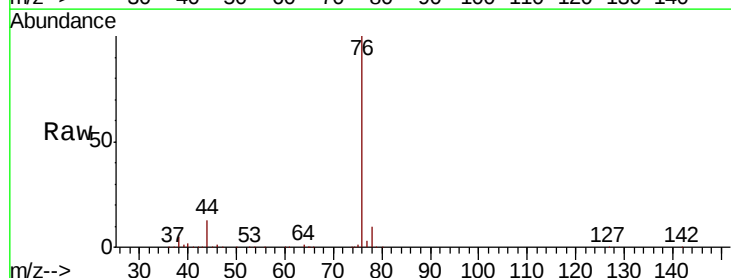
Acq: 03 May 2019 09:47

Tgt Ion: 76 Resp: 100394

Ion Ratio Lower Upper

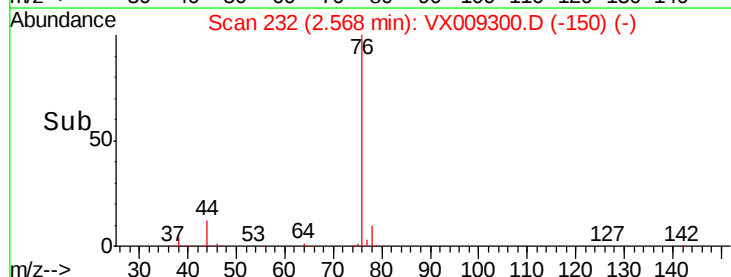
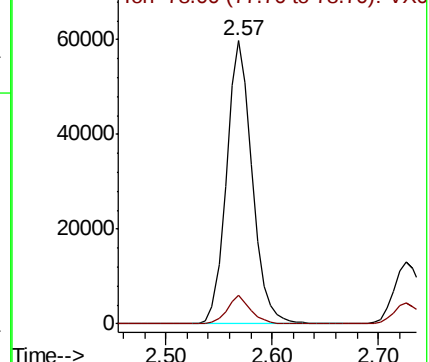
76 100

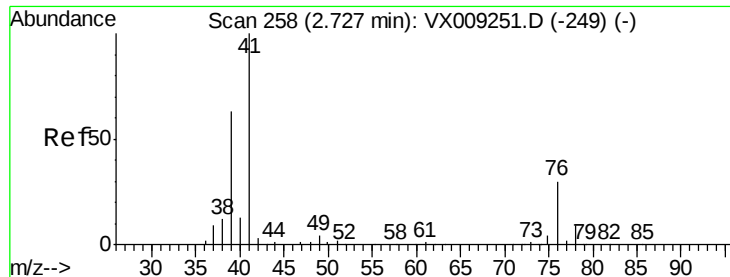
78 10.1 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

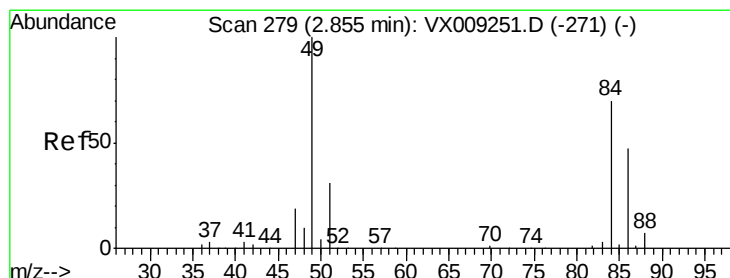
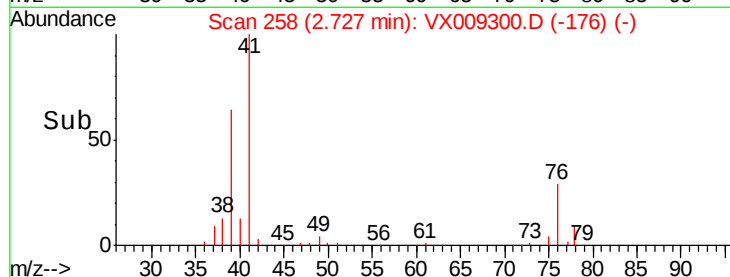
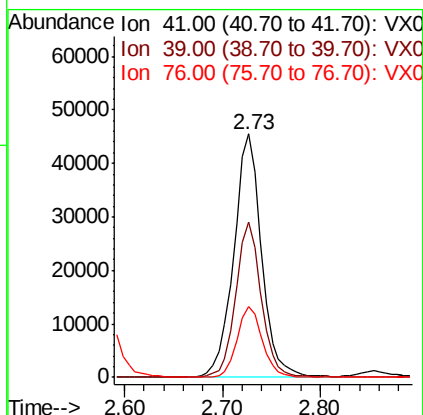
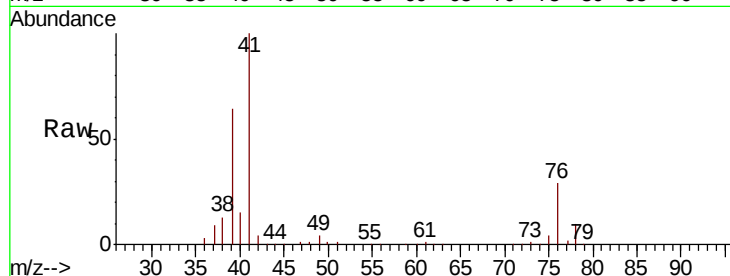




#17
 Allyl chloride
 Concen: 19.334 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. -0.00 min
 Lab File: VX009300.D
 Acq: 03 May 2019 09:47

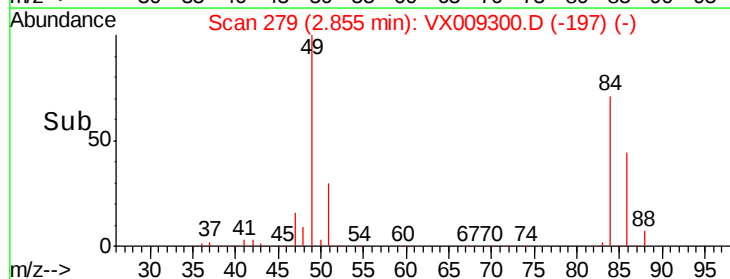
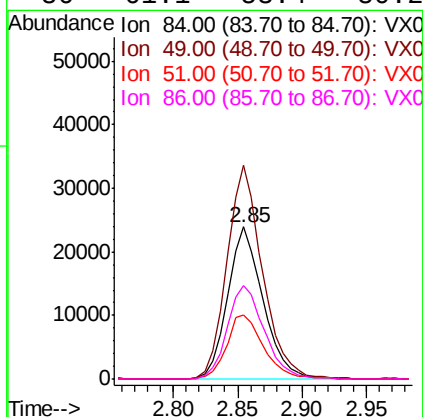
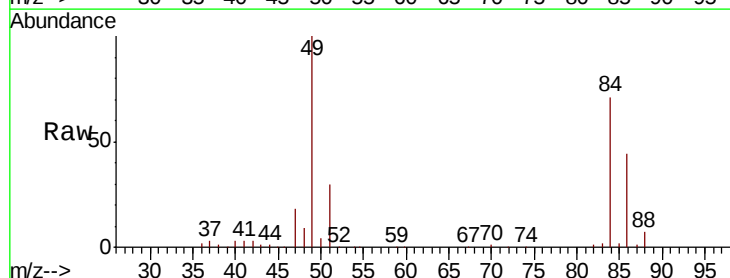
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

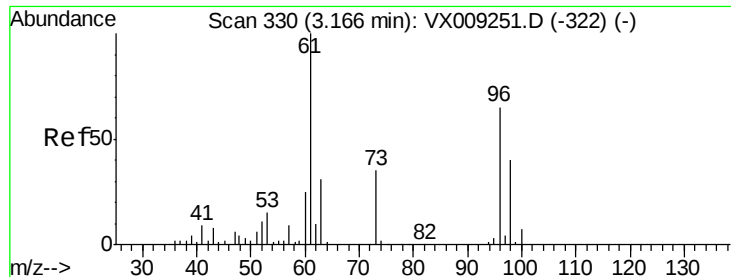
Tgt Ion: 41 Resp: 88976
 Ion Ratio Lower Upper
 41 100
 39 63.7 31.6 94.7
 76 28.9 15.1 45.3



#18
 Methylene Chloride
 Concen: 19.801 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX009300.D
 Acq: 03 May 2019 09:47

Tgt Ion: 84 Resp: 45874
 Ion Ratio Lower Upper
 84 100
 49 139.9 114.6 171.8
 51 42.2 35.5 53.3
 86 61.1 53.4 80.2





#19

trans-1,2-Dichloroethene

Concen: 19.613 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX009300.D

Acq: 03 May 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

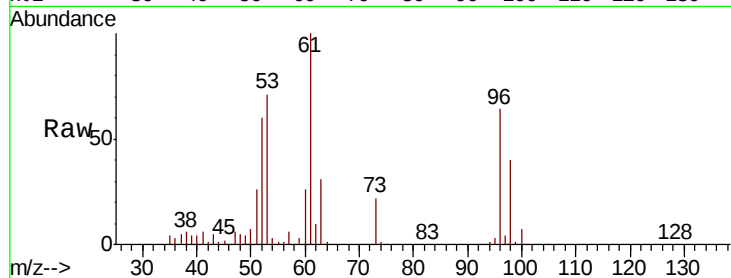
Tgt Ion: 96 Resp: 40086

Ion Ratio Lower Upper

96 100

61 156.7 122.7 184.1

98 62.6 49.5 74.3

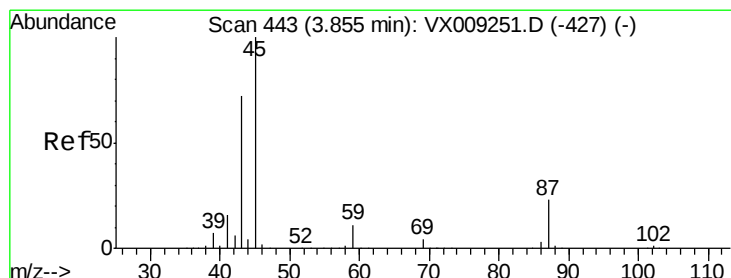
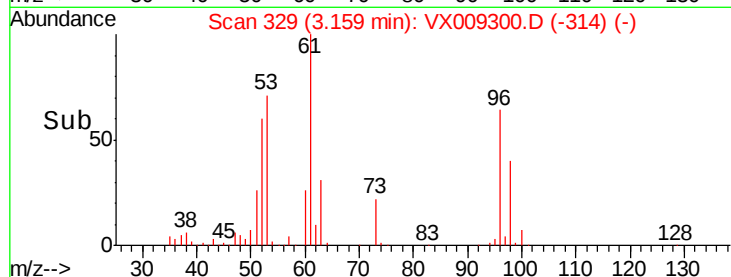
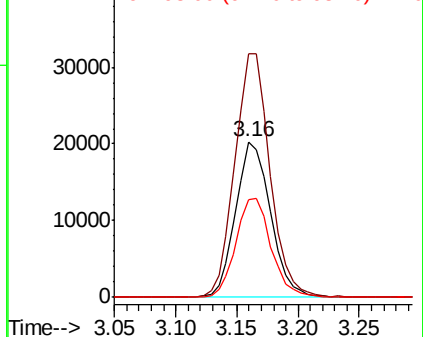


Abundance

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: 19.838 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009300.D

Acq: 03 May 2019 09:47

Tgt Ion: 45 Resp: 179793

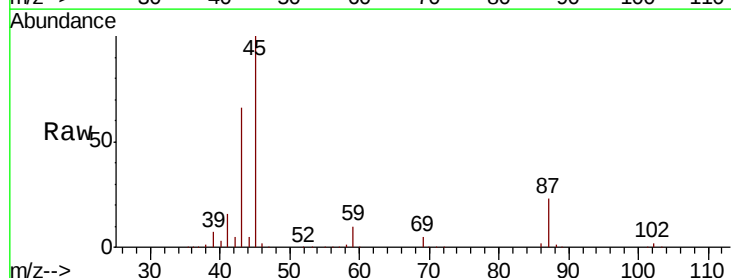
Ion Ratio Lower Upper

45 100

43 66.1 57.7 86.5

87 23.0 18.5 27.7

59 10.3 8.8 13.2



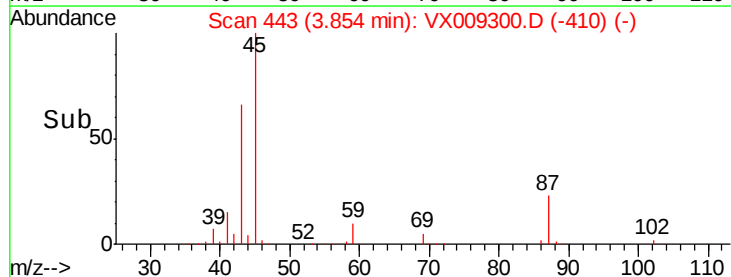
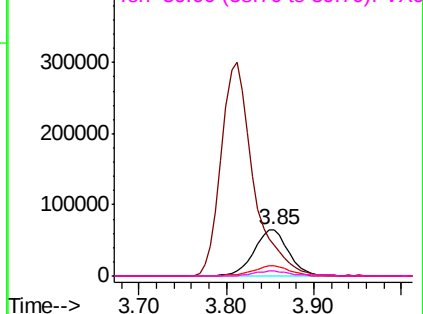
Abundance

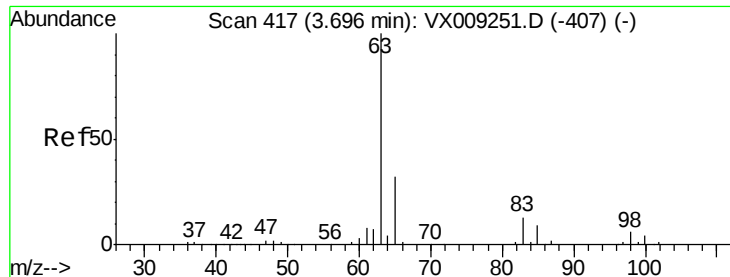
Ion 45.00 (44.70 to 45.70): VX0

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: 19.700 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX009300.D

Acq: 03 May 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

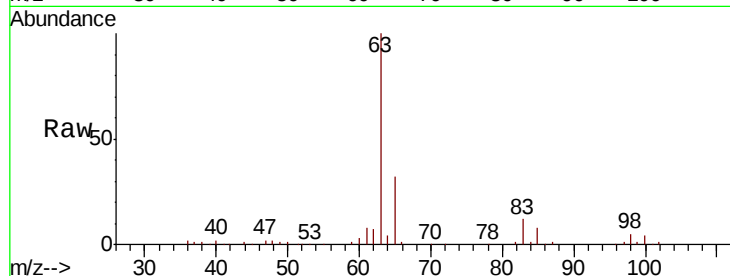
Tgt Ion: 63 Resp: 86404

Ion Ratio Lower Upper

63 100

98 5.2 3.1 9.3

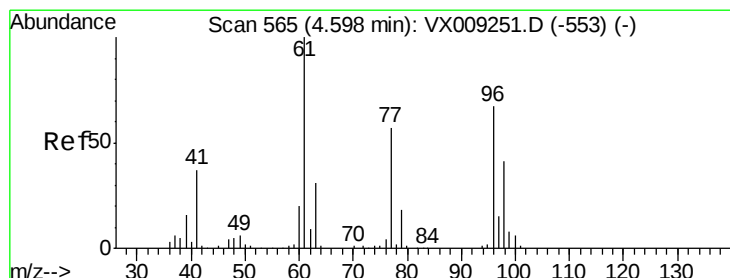
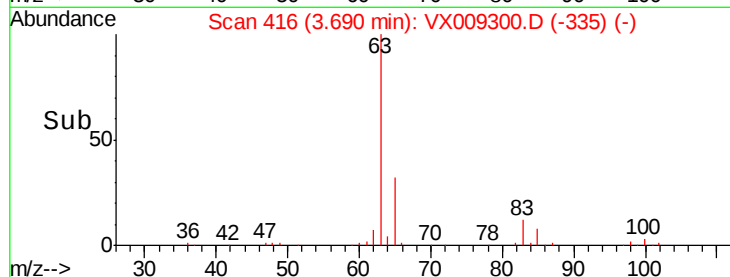
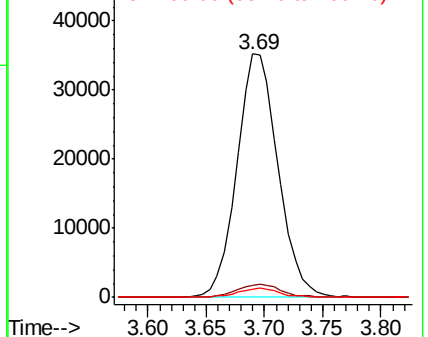
100 3.5 2.2 6.6



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: 19.503 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX009300.D

Acq: 03 May 2019 09:47

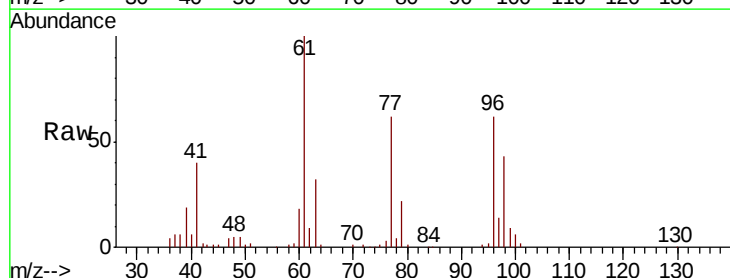
Tgt Ion: 96 Resp: 48016

Ion Ratio Lower Upper

96 100

61 165.1 127.7 191.5

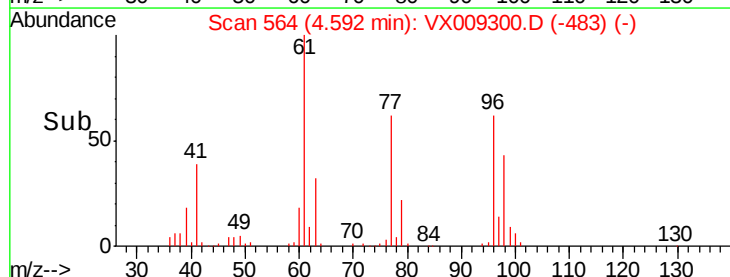
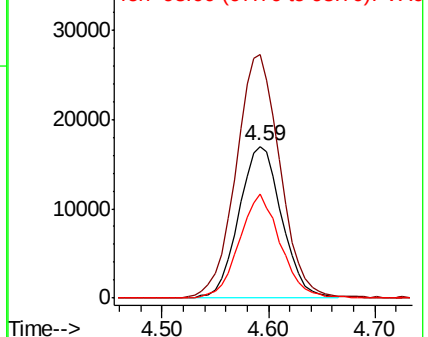
98 65.8 50.5 75.7

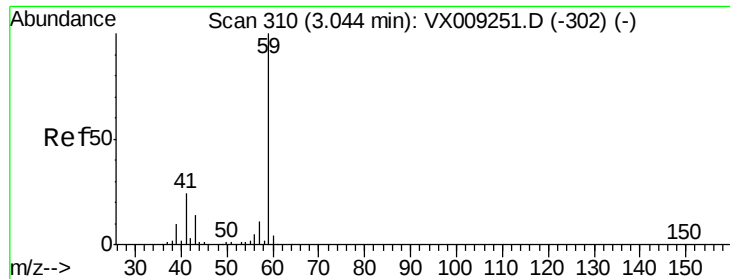


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

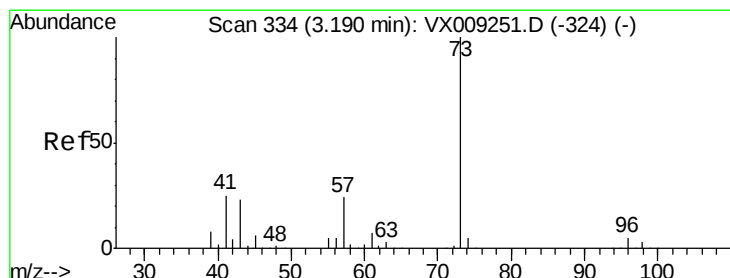
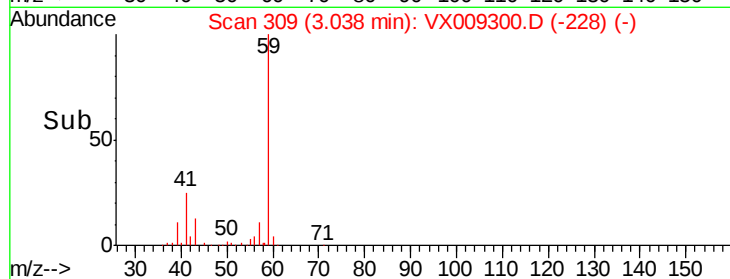
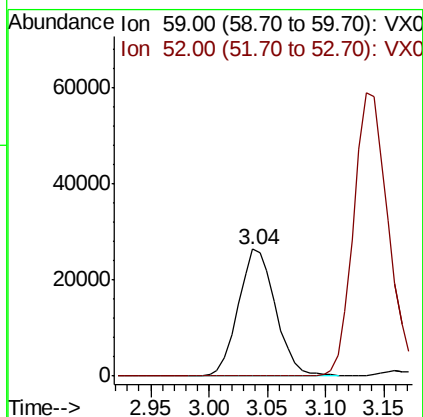
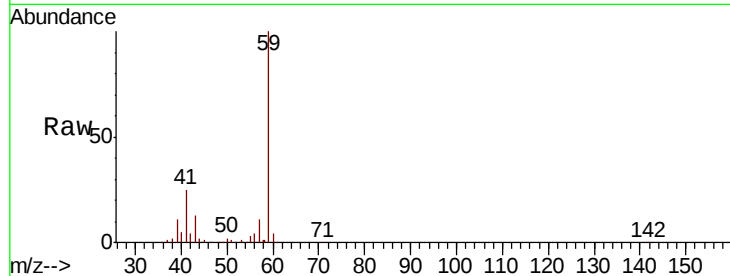




#23
 tert-Butyl Alcohol
 Concen: 89.182 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. -0.01 min
 Lab File: VX009300.D
 Acq: 03 May 2019 09:47

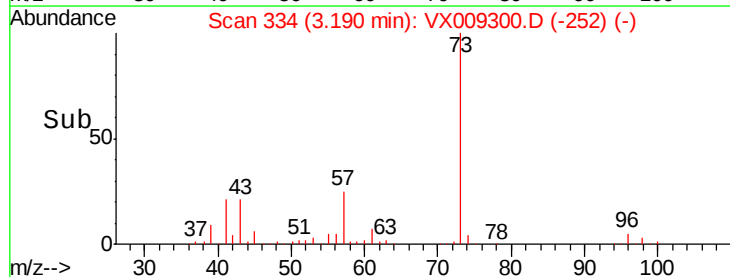
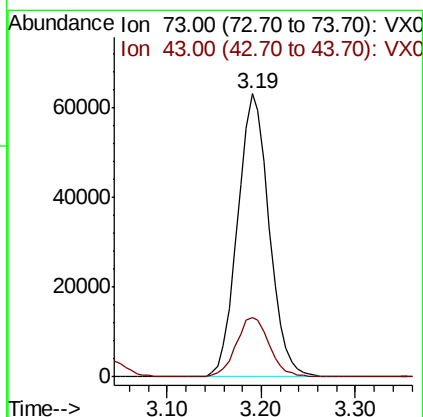
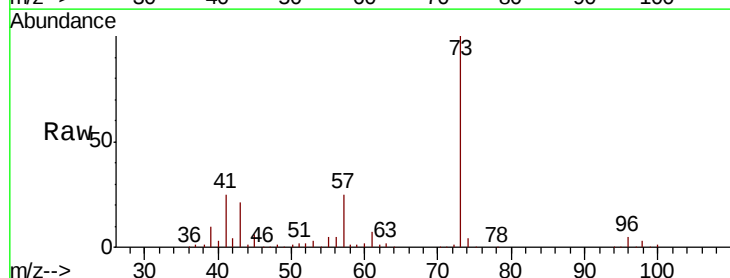
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

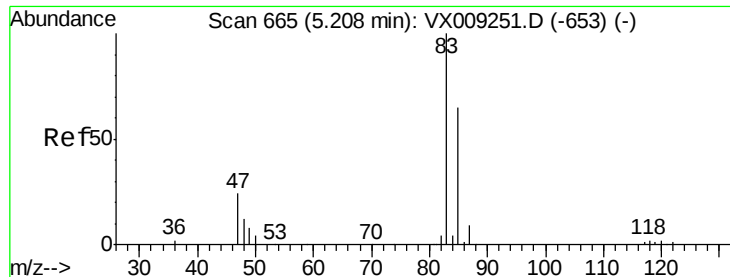
Tgt Ion: 59 Resp: 59090
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.2 0.2#



#24
 Methyl tert-Butyl Ether
 Concen: 19.554 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.00 min
 Lab File: VX009300.D
 Acq: 03 May 2019 09:47

Tgt Ion: 73 Resp: 146695
 Ion Ratio Lower Upper
 73 100
 43 22.1 17.6 26.4

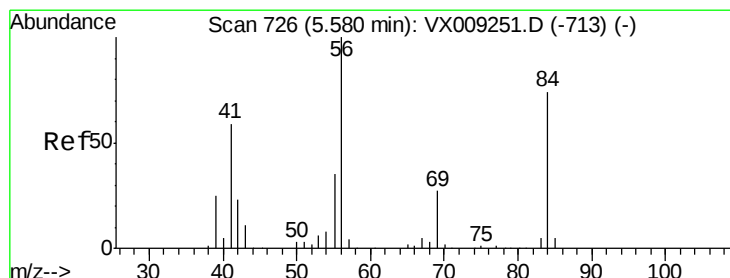
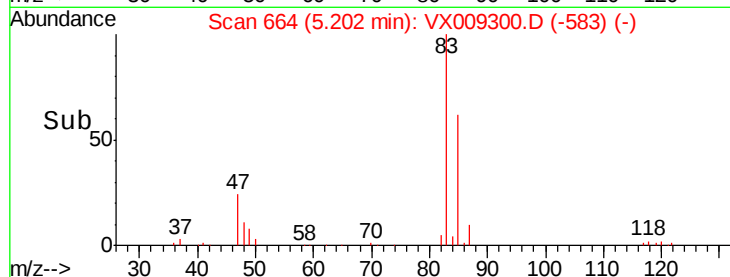
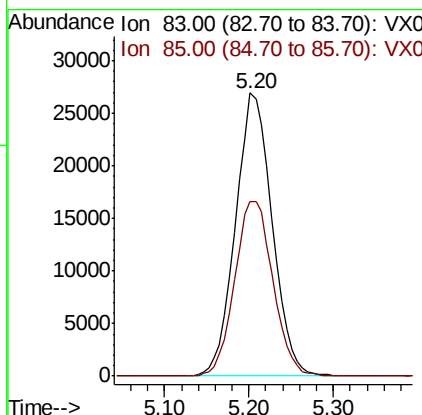
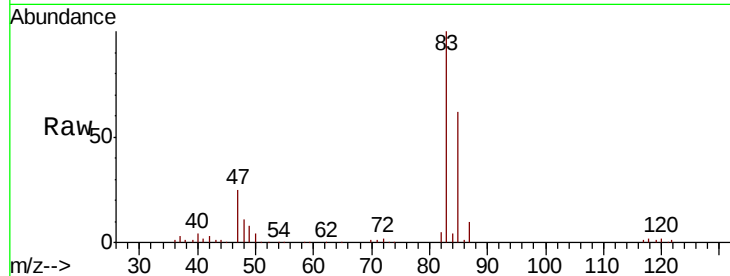




#25
Chloroform
Concen: 19.826 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.01 min
Lab File: VX009300.D
Acq: 03 May 2019 09:47

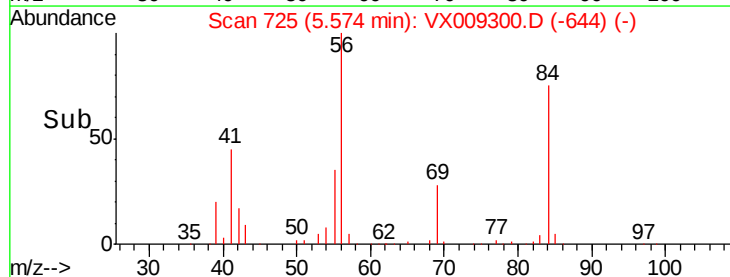
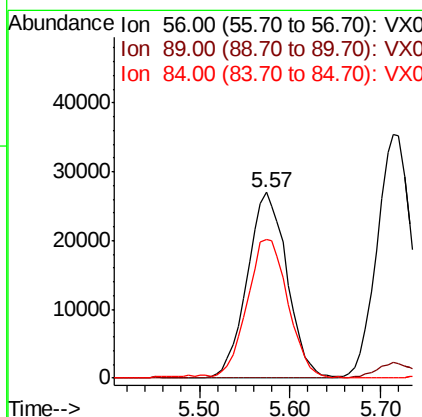
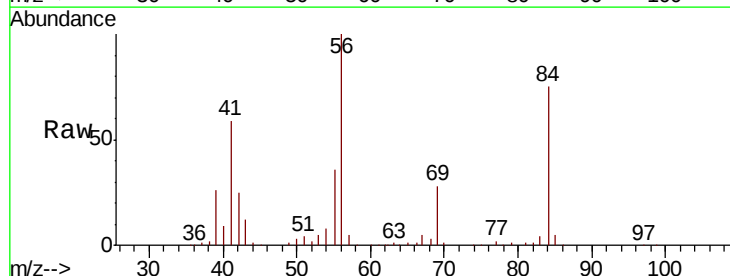
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

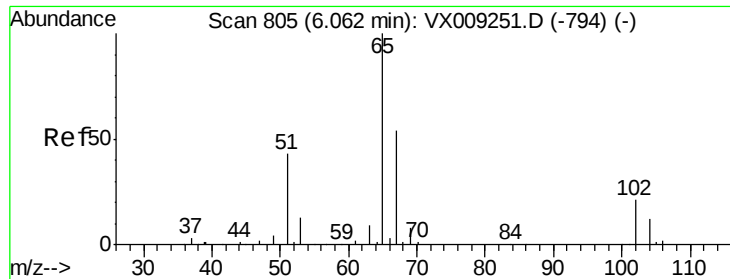
Tgt Ion: 83 Resp: 79351
Ion Ratio Lower Upper
83 100
85 61.6 51.9 77.9



#26
Cyclohexane
Concen: 20.092 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX009300.D
Acq: 03 May 2019 09:47

Tgt Ion: 56 Resp: 82130
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 76.8 59.7 89.5

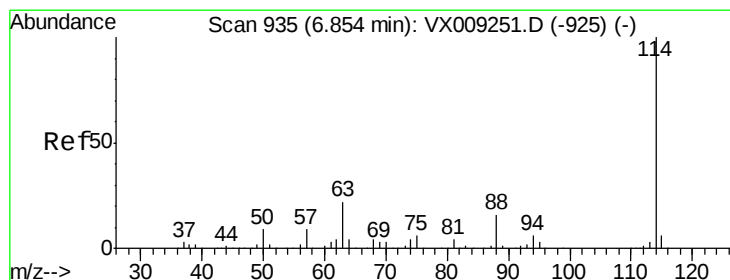
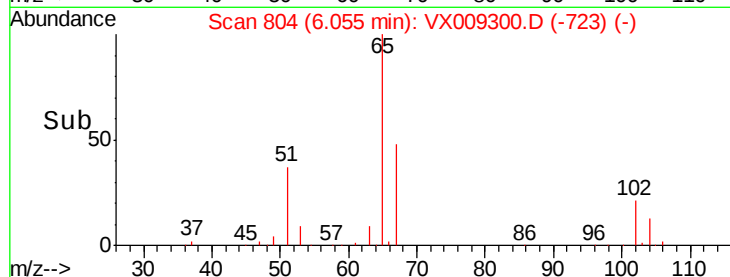
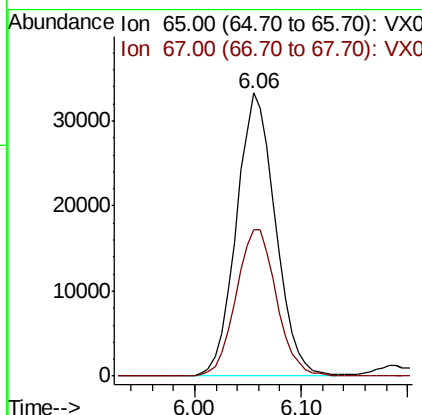
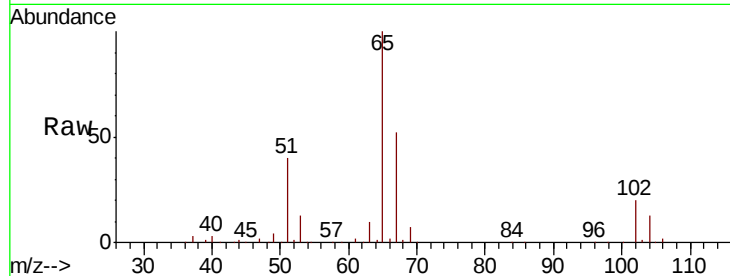




#27
 1,2-Dichloroethane-d4
 Concen: 29.492 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX009300.D
 Acq: 03 May 2019 09:47

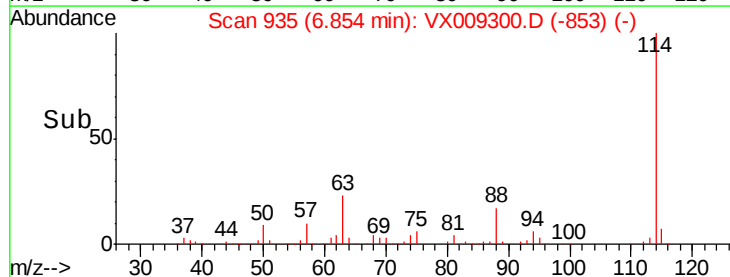
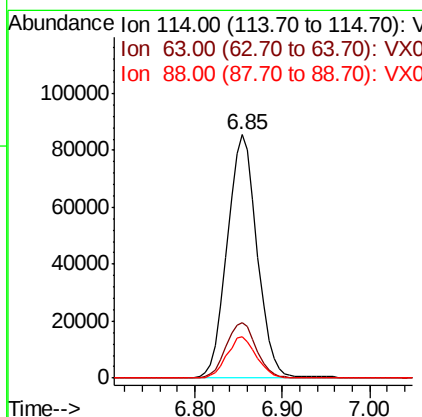
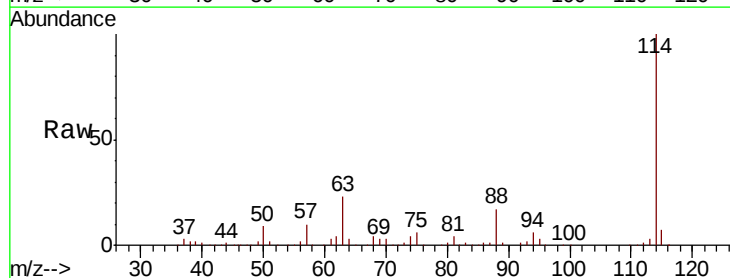
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

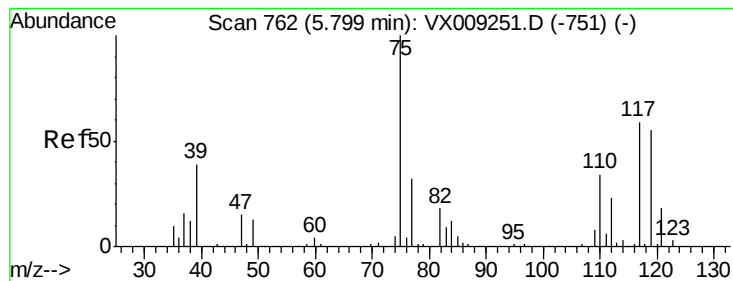
Tgt Ion: 65 Resp: 85743
 Ion Ratio Lower Upper
 65 100
 67 53.5 43.1 64.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX009300.D
 Acq: 03 May 2019 09:47

Tgt Ion: 114 Resp: 202997
 Ion Ratio Lower Upper
 114 100
 63 23.2 18.0 27.0
 88 16.7 13.4 20.0





#29

1,1-Dichloropropene

Concen: 20.366 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX009300.D

Acq: 03 May 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

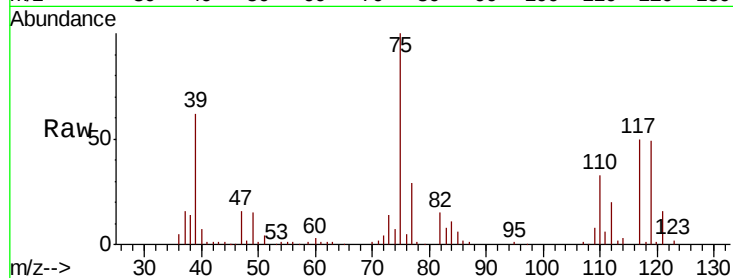
Tgt Ion: 75 Resp: 60662

Ion Ratio Lower Upper

75 100

110 32.9 0.0 66.4

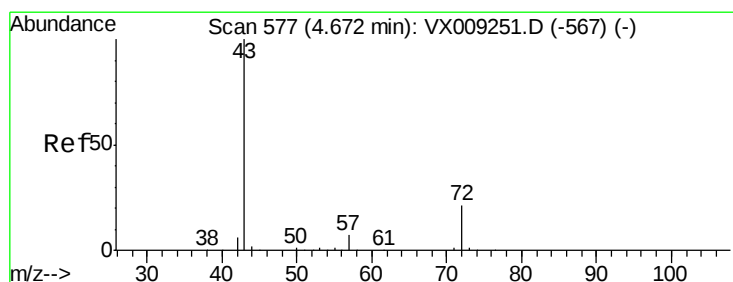
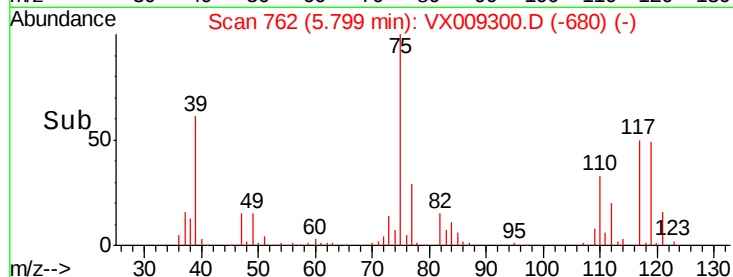
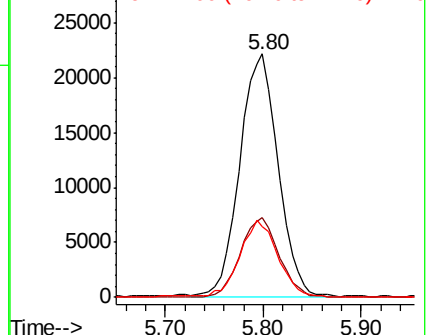
77 31.1 0.0 62.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 99.927 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX009300.D

Acq: 03 May 2019 09:47

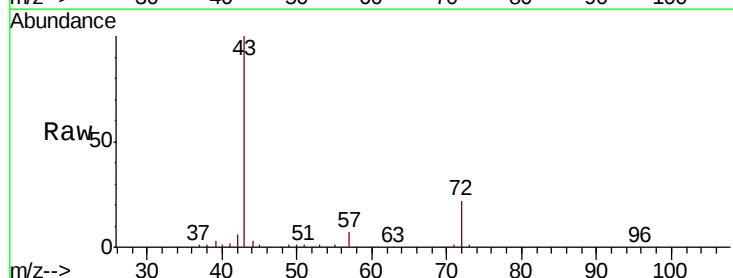
Tgt Ion: 43 Resp: 233100

Ion Ratio Lower Upper

43 100

57 7.5 6.0 9.0

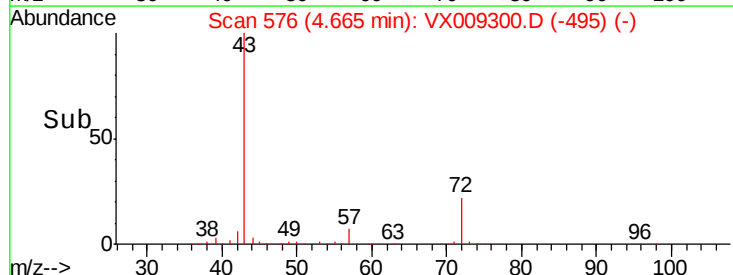
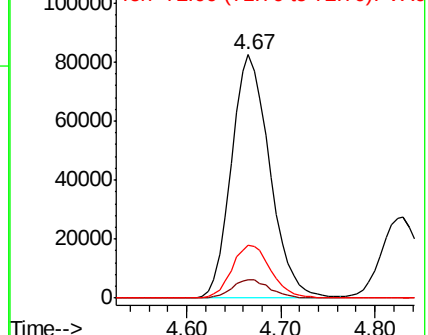
72 22.2 18.2 27.4

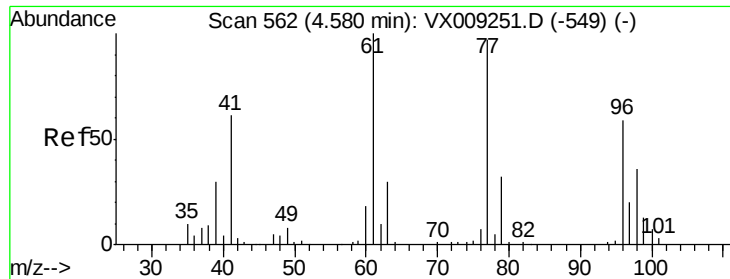


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

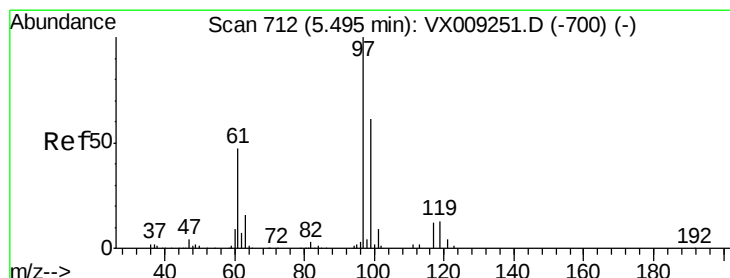
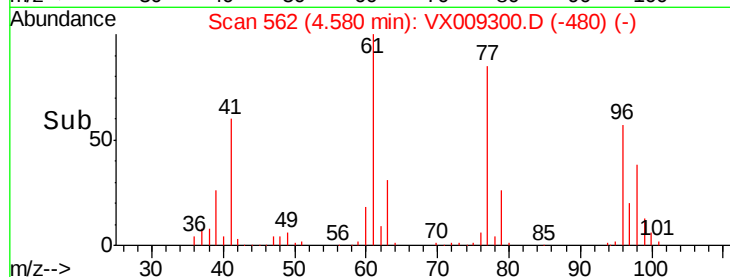
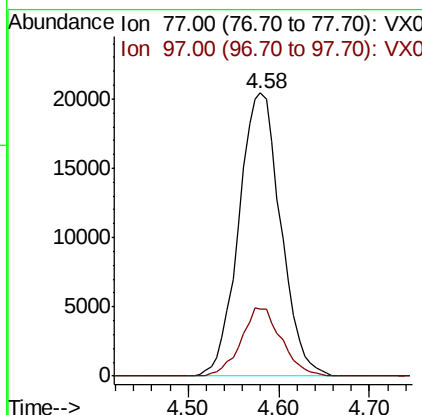
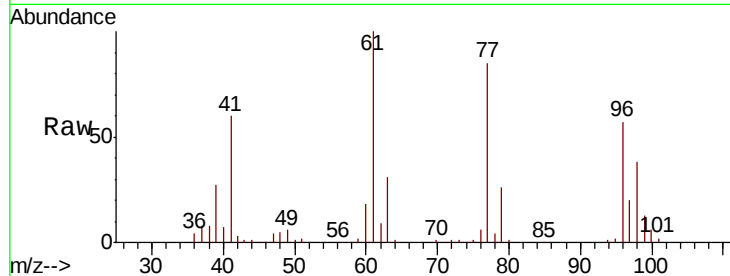




#31
 2,2-Dichloropropane
 Concen: 19.902 ug/l
 RT: 4.58 min Scan# 562
 Delta R.T. -0.00 min
 Lab File: VX009300.D
 Acq: 03 May 2019 09:47

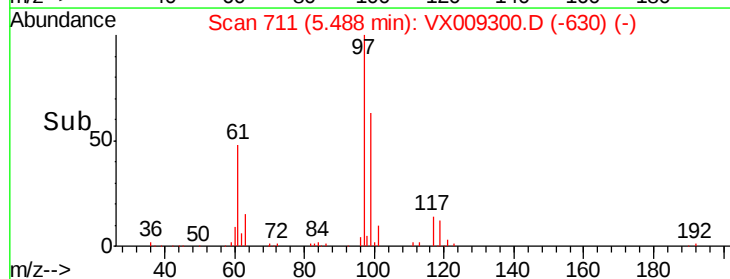
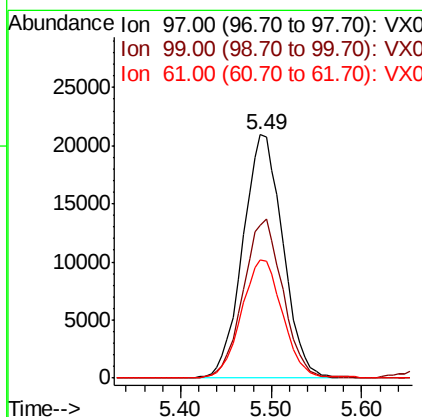
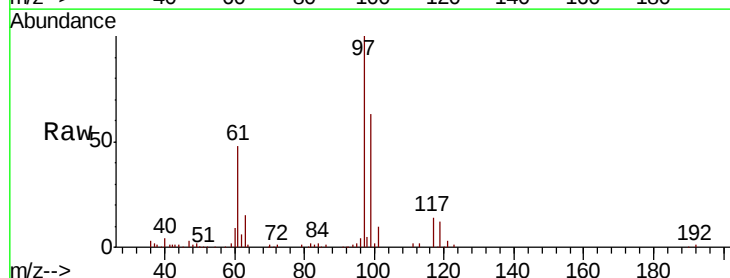
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

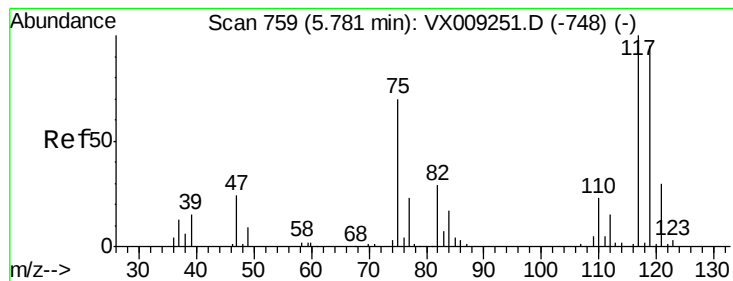
Tgt Ion: 77 Resp: 65352
 Ion Ratio Lower Upper
 77 100
 97 23.2 18.3 27.5



#32
 1,1,1-Trichloroethane
 Concen: 19.844 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX009300.D
 Acq: 03 May 2019 09:47

Tgt Ion: 97 Resp: 64076
 Ion Ratio Lower Upper
 97 100
 99 64.3 53.9 80.9
 61 49.7 38.6 58.0





#33

Carbon Tetrachloride

Concen: 20.174 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX009300.D

Acq: 03 May 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

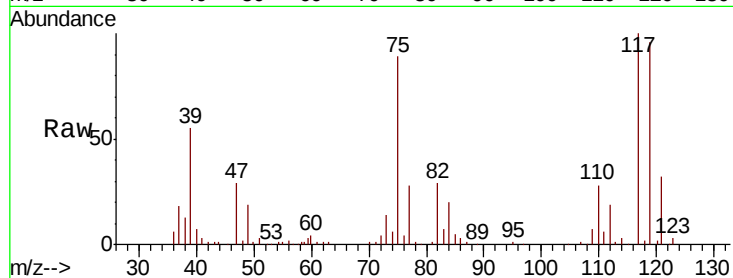
Tgt Ion:117 Resp: 54503

Ion Ratio Lower Upper

117 100

119 95.9 76.1 114.1

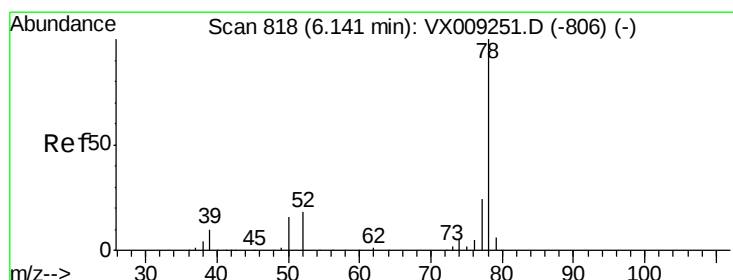
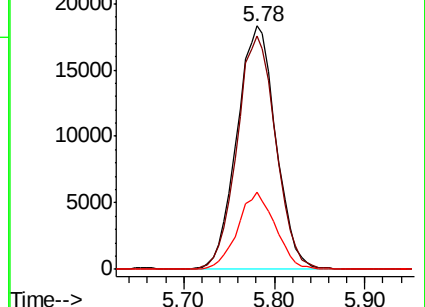
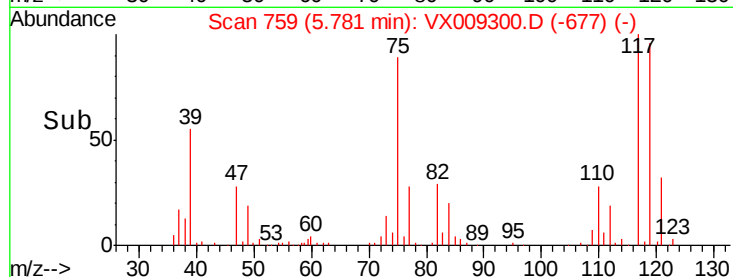
121 31.9 24.4 36.6



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: 20.234 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX009300.D

Acq: 03 May 2019 09:47

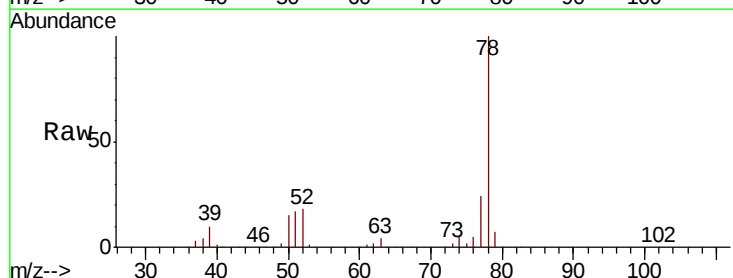
Tgt Ion: 78 Resp: 185810

Ion Ratio Lower Upper

78 100

77 23.7 18.8 28.2

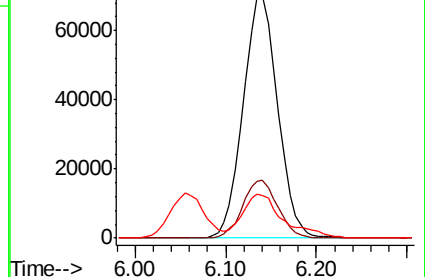
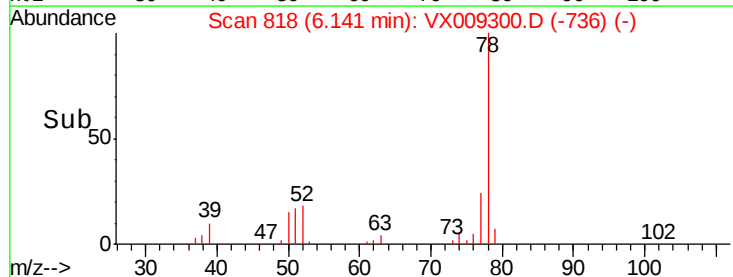
51 16.8 13.5 20.3

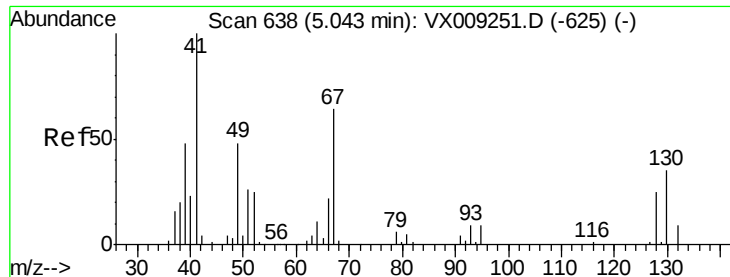


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

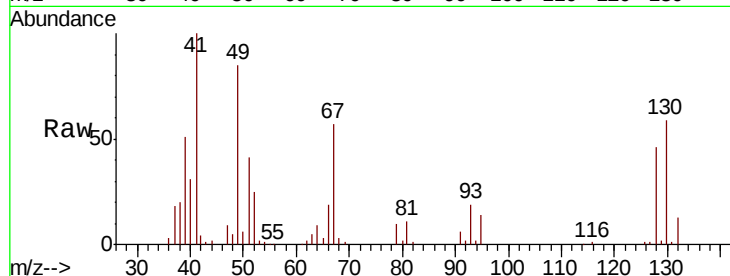




#35
Methacrylonitrile
Concen: 19.463 ug/l
RT: 5.03 min Scan# 636
Delta R.T. -0.01 min
Lab File: VX009300.D
Acq: 03 May 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:	41	Resp:	47501
Ion	Ratio	Lower	Upper
41	100		
39	51.3	24.1	72.3
67	57.3	32.2	96.6
52	24.3	12.4	37.4



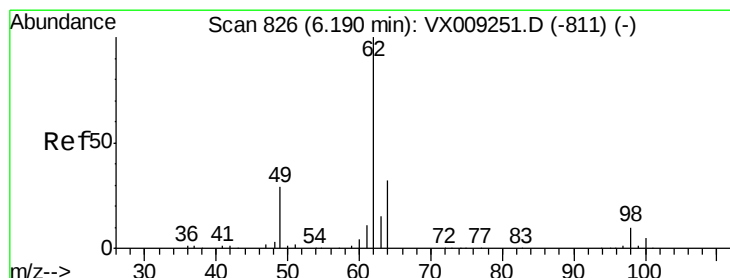
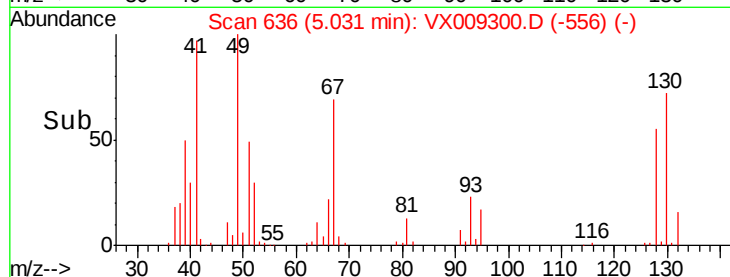
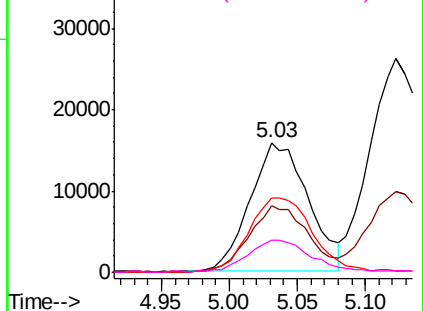
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

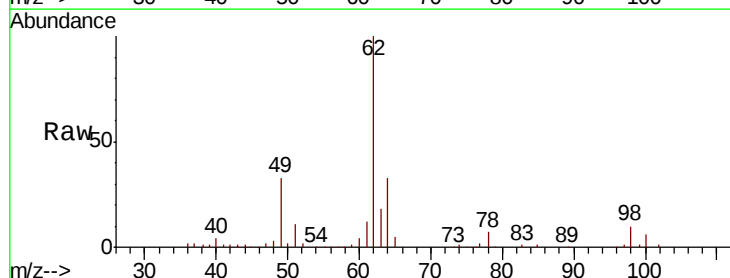
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#36
1,2-Dichloroethane
Concen: 20.158 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX009300.D
Acq: 03 May 2019 09:47

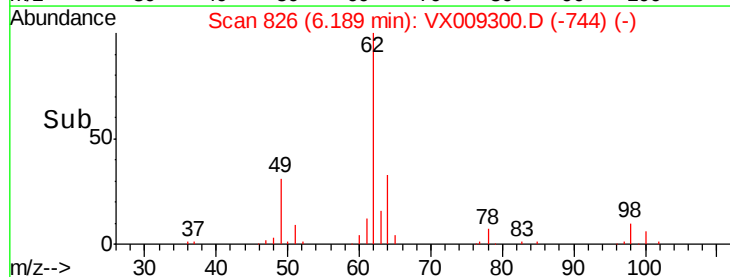
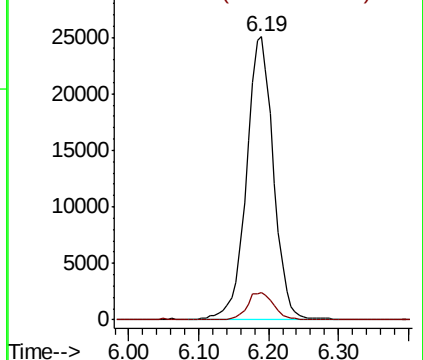
Tgt Ion:	62	Resp:	67168
Ion	Ratio	Lower	Upper
62	100		
98	9.4	7.4	11.2

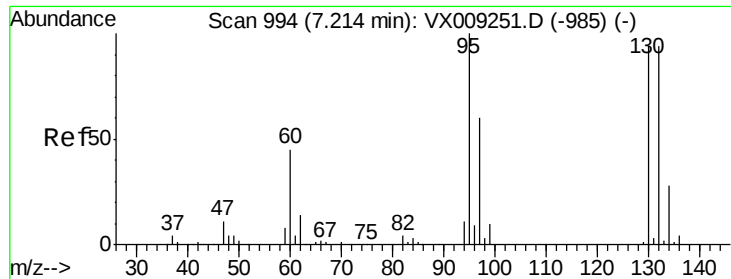


Abundance

Ion 62.00 (61.70 to 62.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

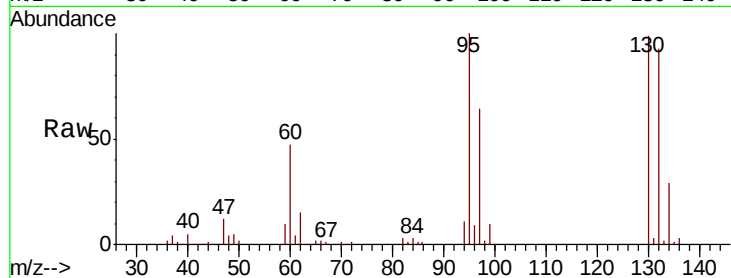




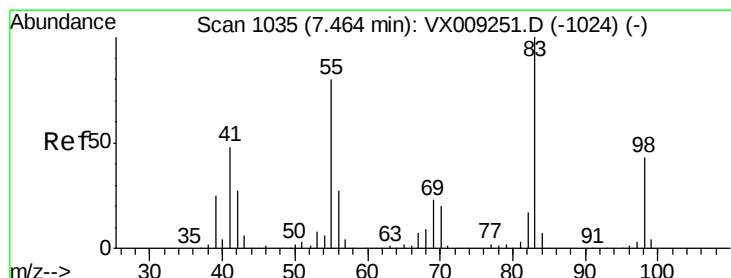
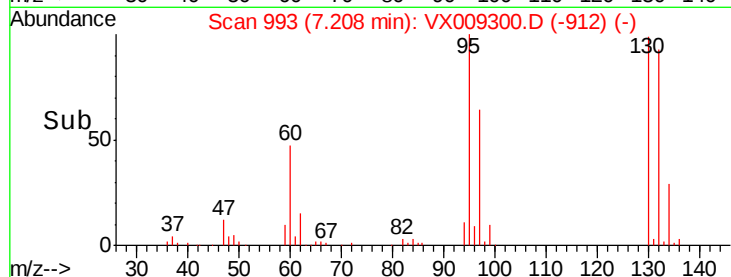
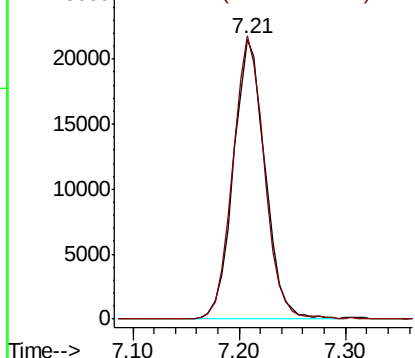
#37
 Trichloroethene
 Concen: 20.341 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX009300.D
 Acq: 03 May 2019 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion:130 Resp: 44966
 Ion Ratio Lower Upper
 130 100
 95 101.0 85.0 127.4

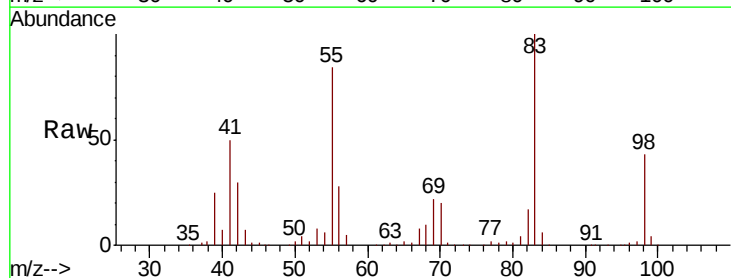


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

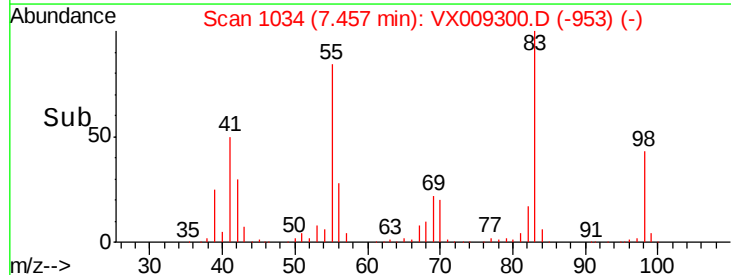
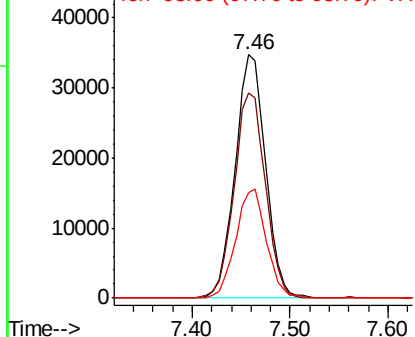


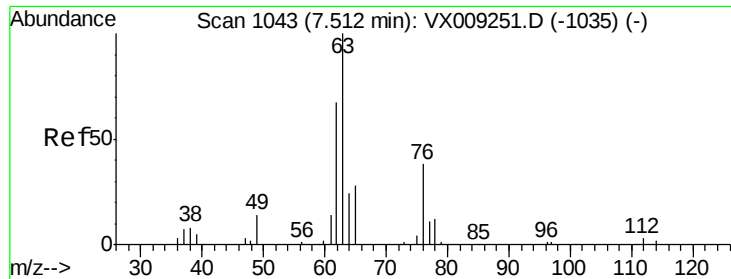
#38
 Methylcyclohexane
 Concen: 20.482 ug/l
 RT: 7.46 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: VX009300.D
 Acq: 03 May 2019 09:47

Tgt Ion: 83 Resp: 75376
 Ion Ratio Lower Upper
 83 100
 55 86.0 43.0 129.2
 98 45.2 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

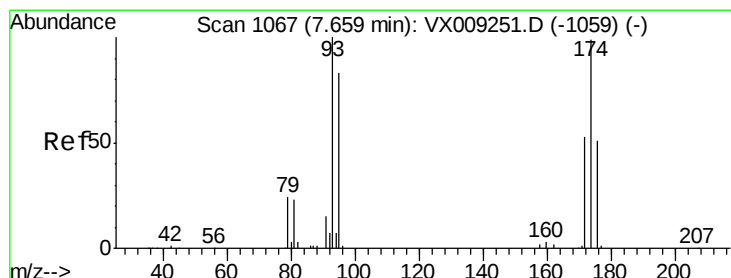
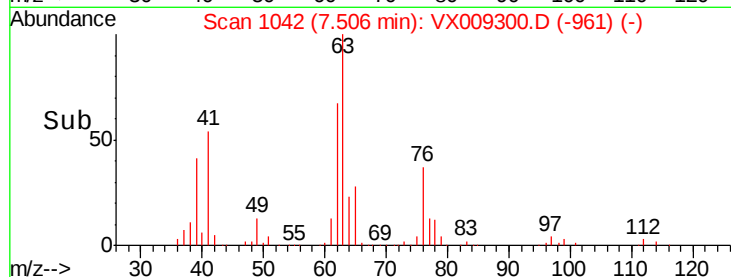
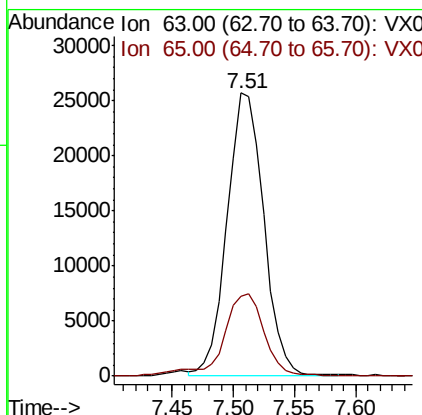
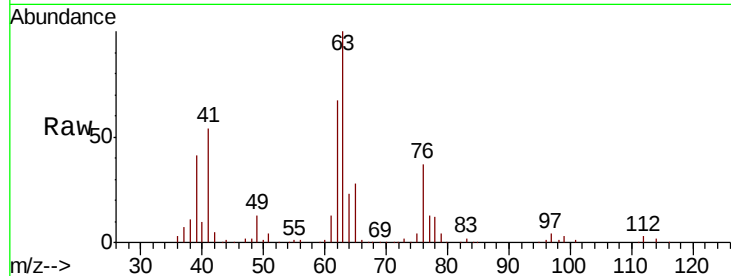




#39
 1,2-Dichloropropane
 Concen: 20.473 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX009300.D
 Acq: 03 May 2019 09:47

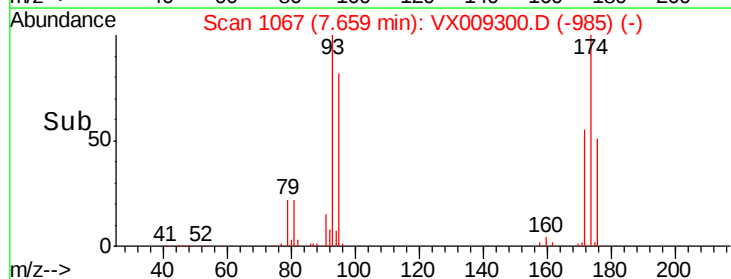
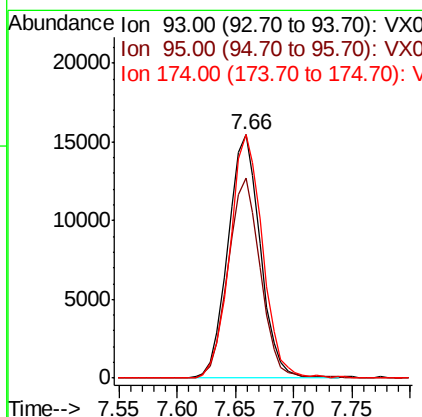
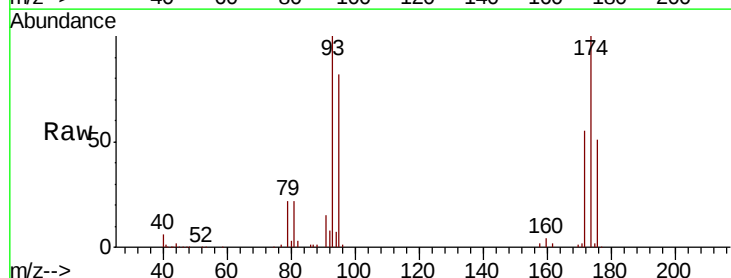
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

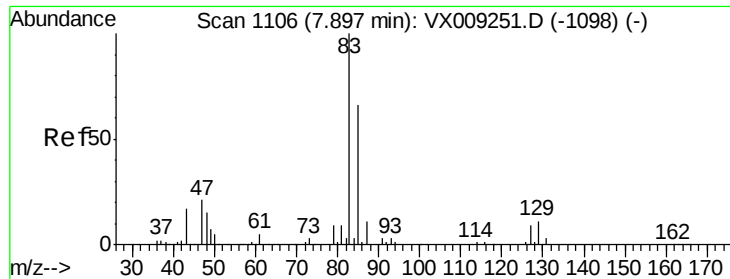
Tgt Ion: 63 Resp: 53539
 Ion Ratio Lower Upper
 63 100
 65 28.2 24.0 36.0



#40
 Dibromomethane
 Concen: 20.128 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009300.D
 Acq: 03 May 2019 09:47

Tgt Ion: 93 Resp: 29875
 Ion Ratio Lower Upper
 93 100
 95 81.8 0.0 167.2
 174 101.0 0.0 203.4





#41

Bromodichloromethane

Concen: 19.711 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009300.D

Acq: 03 May 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

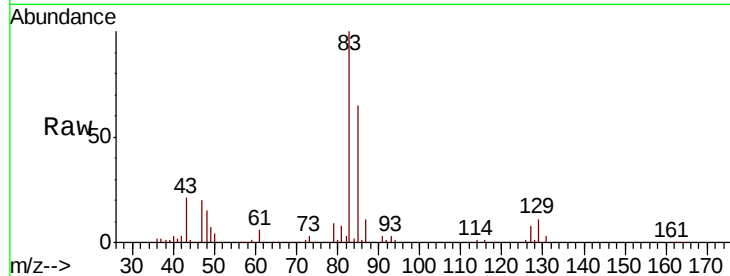
Tgt Ion: 83 Resp: 59757

Ion Ratio Lower Upper

83 100

85 64.7 52.6 79.0

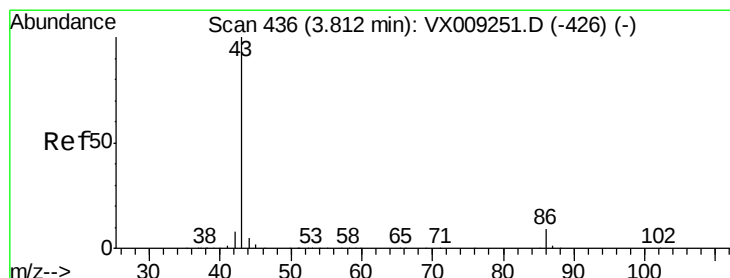
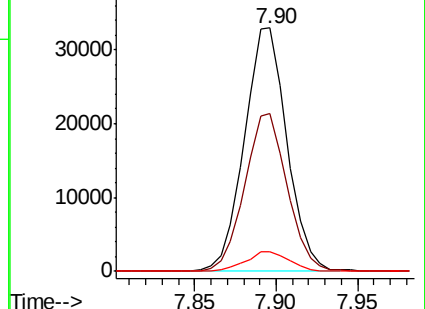
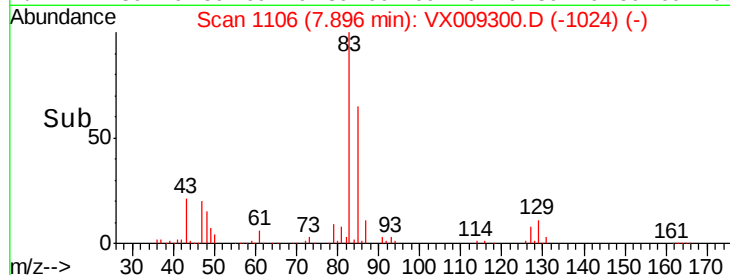
127 8.3 6.9 10.3



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: 100.668 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009300.D

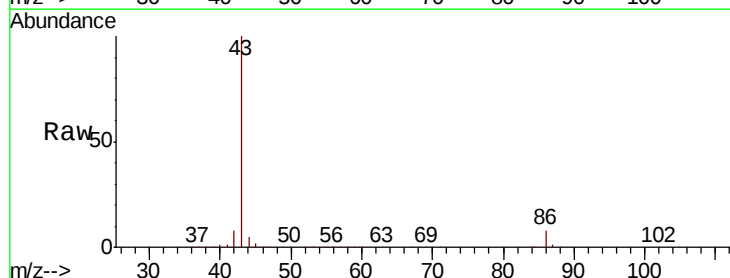
Acq: 03 May 2019 09:47

Tgt Ion: 43 Resp: 775048

Ion Ratio Lower Upper

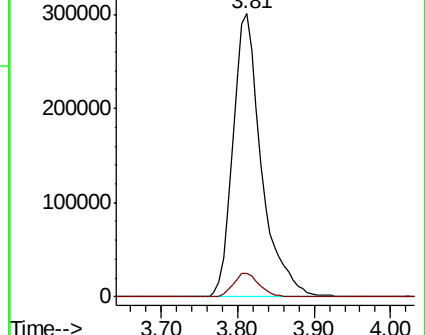
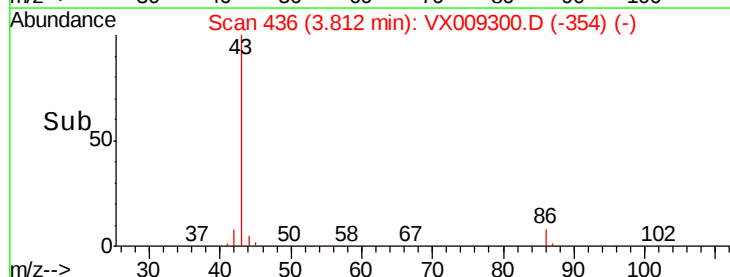
43 100

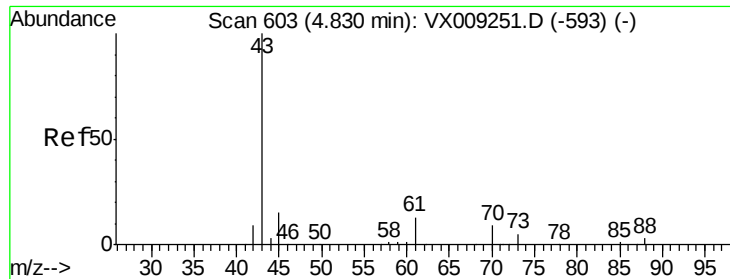
86 7.7 6.0 9.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 19.464 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX009300.D

Acq: 03 May 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

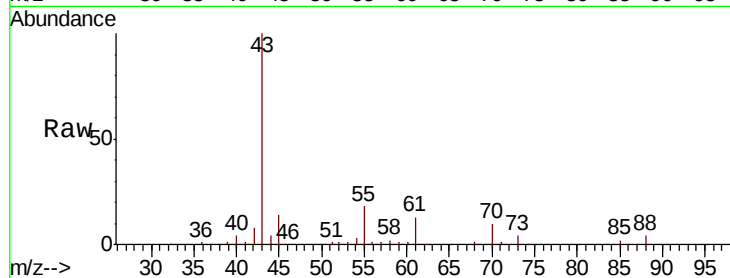
VSTDCCC020

Tgt Ion: 43 Resp: 82044

Ion Ratio Lower Upper

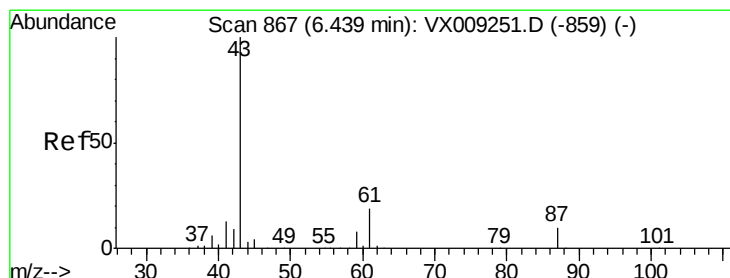
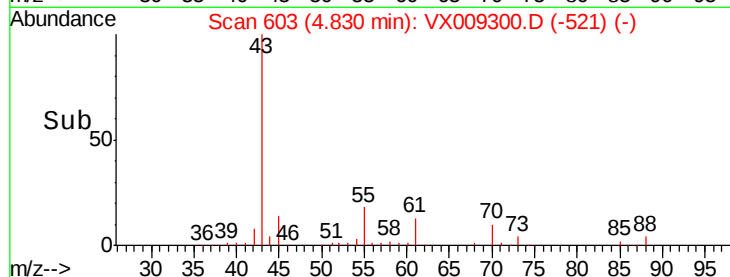
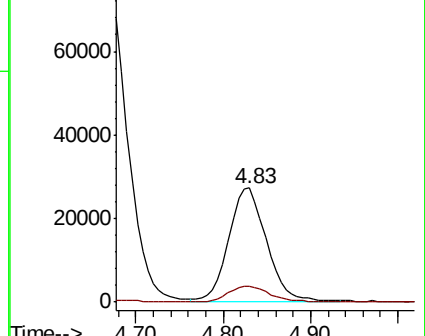
43 100

45 15.5 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: 19.212 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: VX009300.D

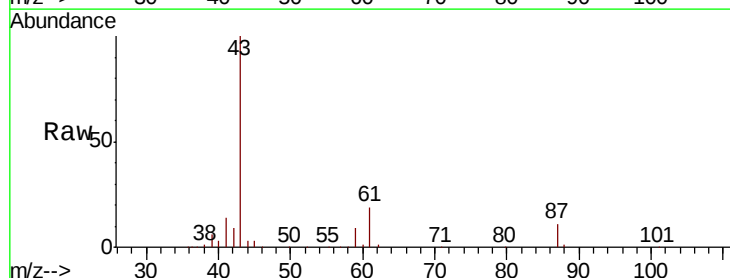
Acq: 03 May 2019 09:47

Tgt Ion: 43 Resp: 131188

Ion Ratio Lower Upper

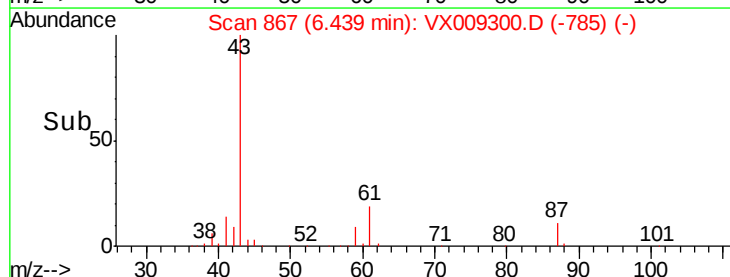
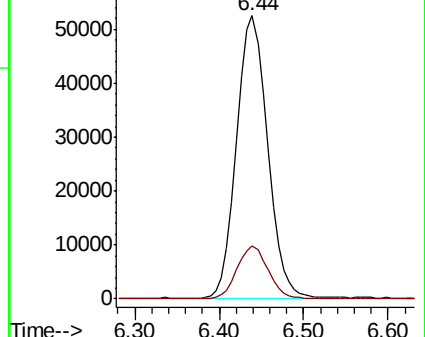
43 100

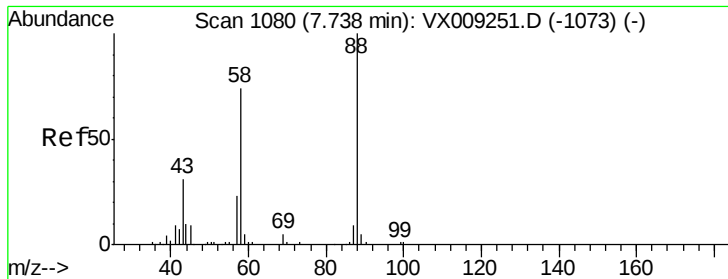
61 18.8 15.4 23.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#45

1,4-Dioxane

Concen: 386.503 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.01 min

Lab File: VX009300.D

Acq: 03 May 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

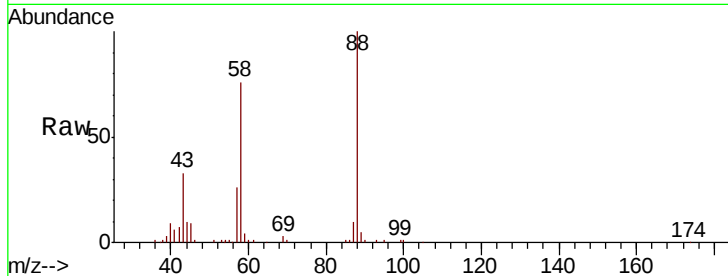
Tgt Ion: 88 Resp: 25912

Ion Ratio Lower Upper

88 100

43 36.9 28.5 42.7

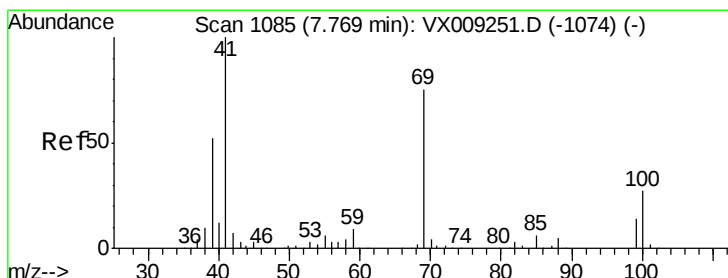
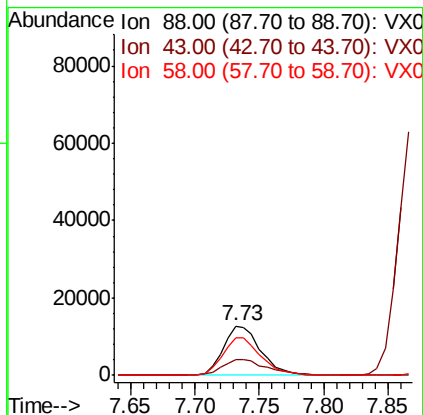
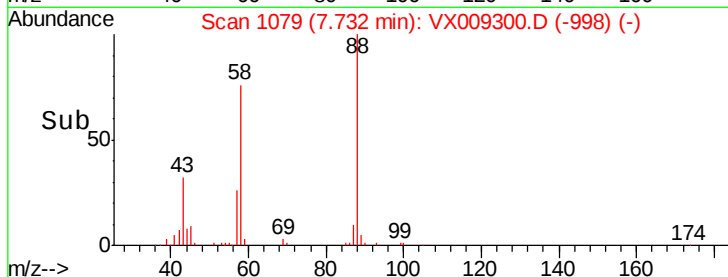
58 78.0 62.5 93.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 19.566 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX009300.D

Acq: 03 May 2019 09:47

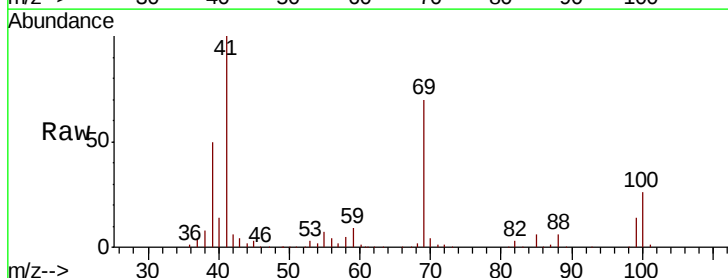
Tgt Ion: 41 Resp: 66686

Ion Ratio Lower Upper

41 100

69 70.2 37.6 112.8

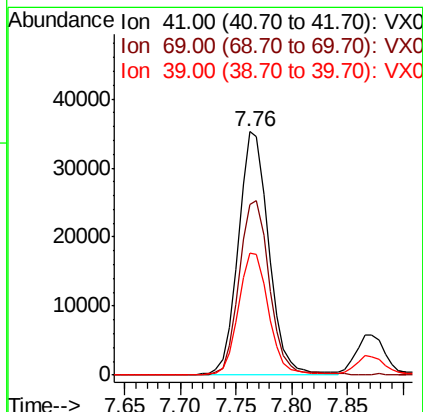
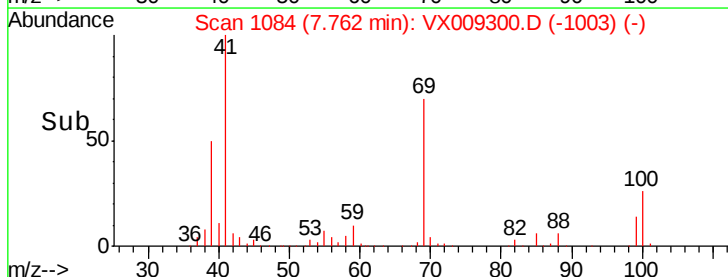
39 50.2 25.8 77.3

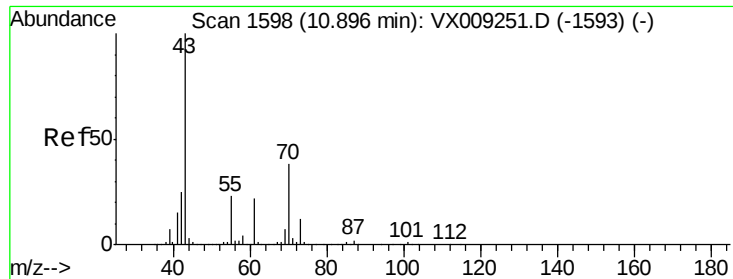


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

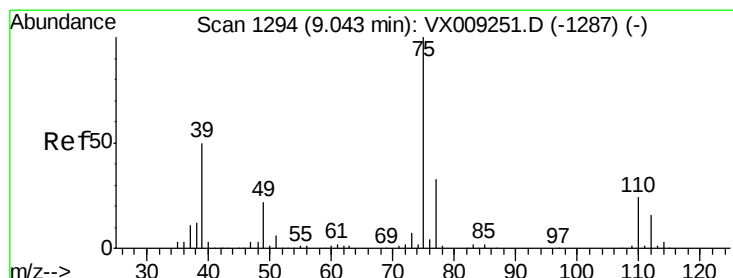
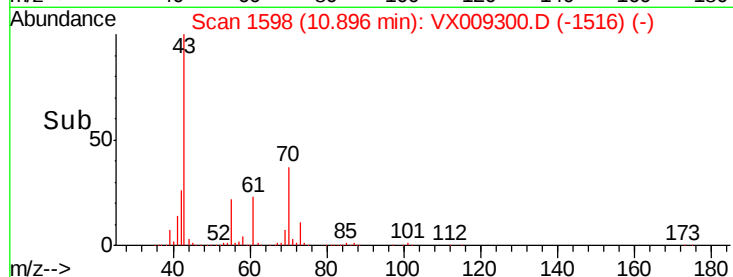
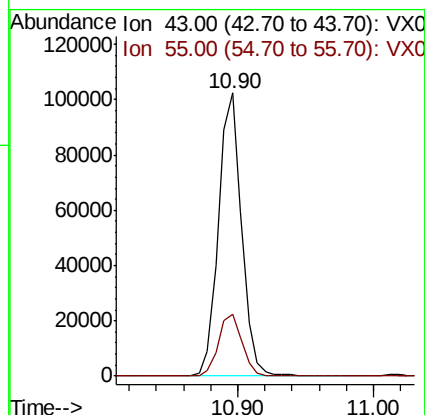
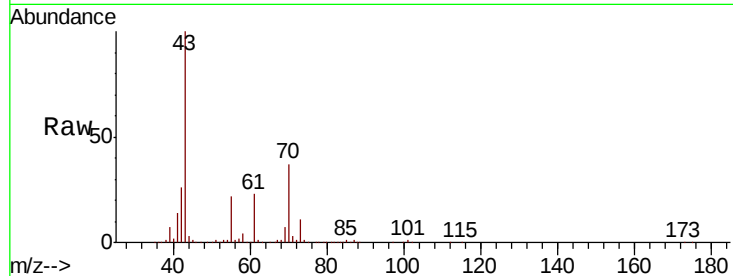




#47
n-amyl Acetate
Concen: 19.472 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX009300.D
Acq: 03 May 2019 09:47

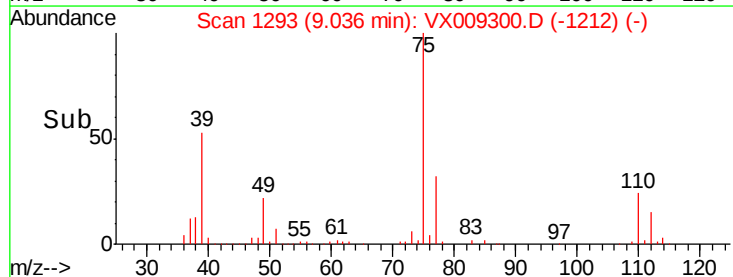
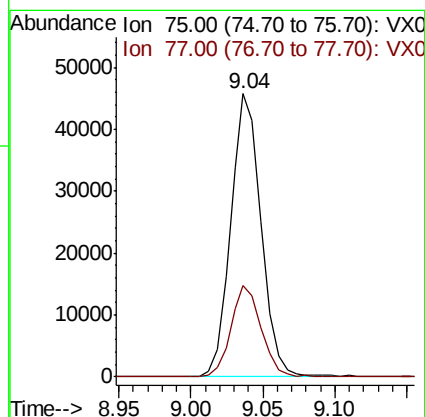
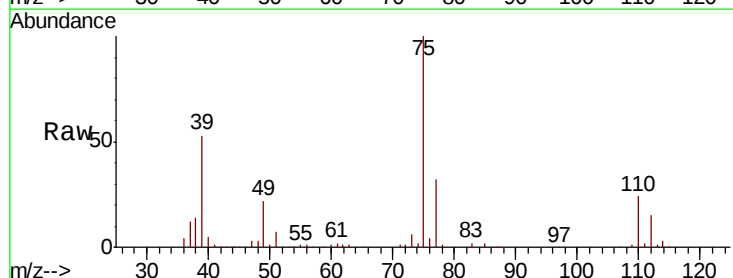
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

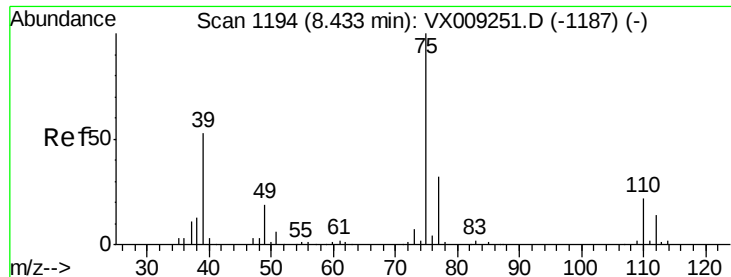
Tgt Ion: 43 Resp: 119782
Ion Ratio Lower Upper
43 100
55 22.9 18.2 27.4



#48
t-1,3-Dichloropropene
Concen: 19.055 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX009300.D
Acq: 03 May 2019 09:47

Tgt Ion: 75 Resp: 67404
Ion Ratio Lower Upper
75 100
77 32.3 26.5 39.7



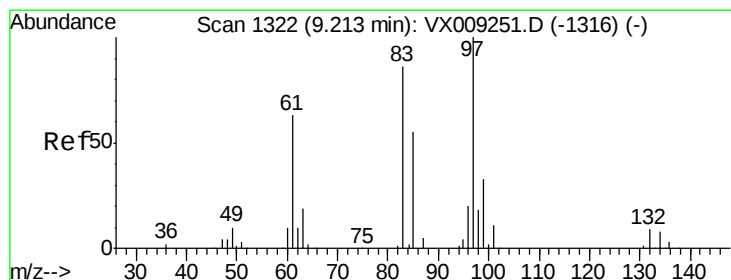
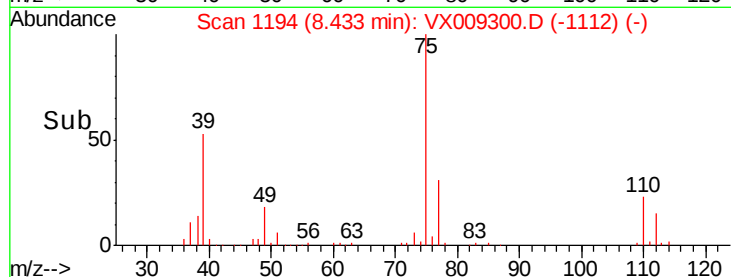
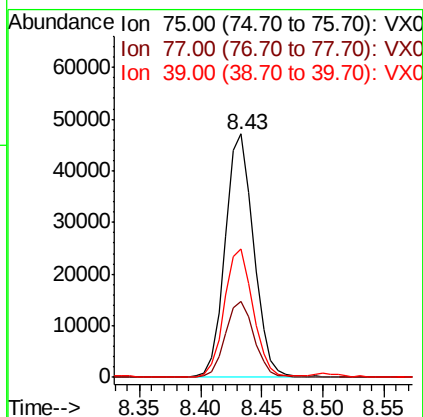
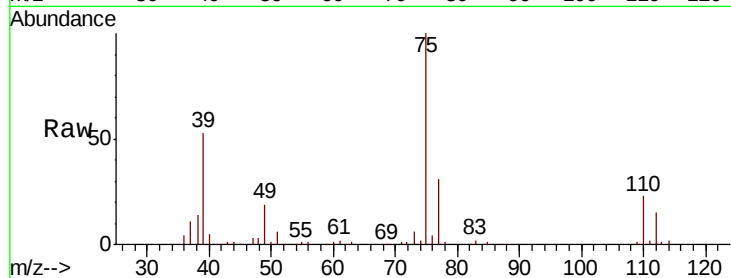


#49

cis-1,3-Dichloropropene
 Concen: 19.576 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009300.D
 Acq: 03 May 2019 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

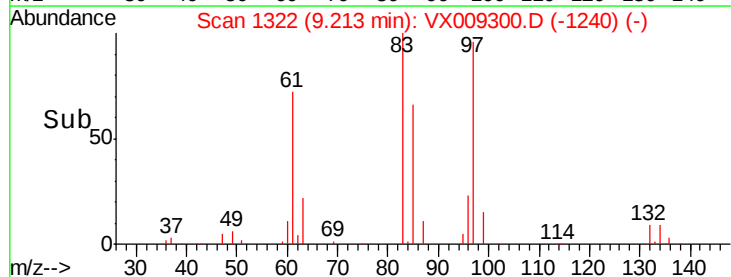
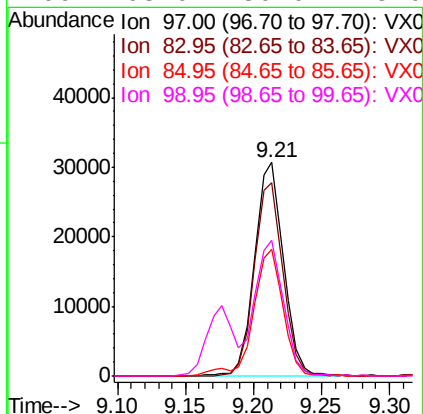
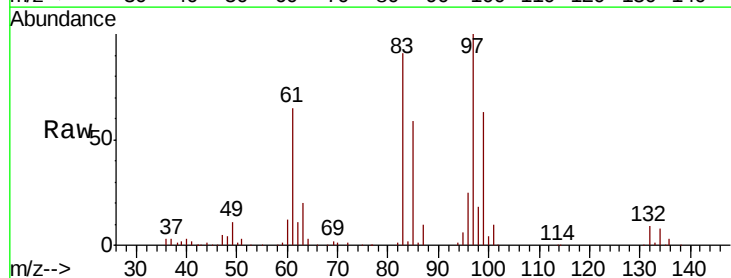
Tgt Ion: 75 Resp: 76022
 Ion Ratio Lower Upper
 75 100
 77 31.1 26.0 39.0
 39 52.8 42.6 63.8

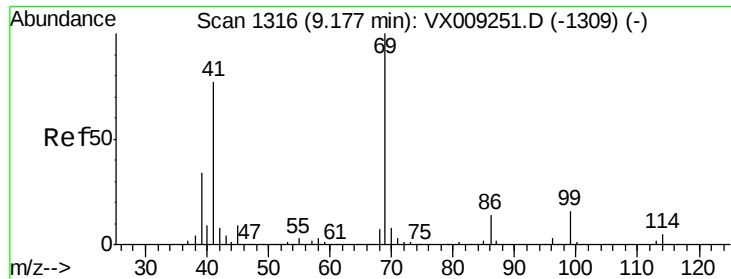


#50

1,1,2-Trichloroethane
 Concen: 20.191 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009300.D
 Acq: 03 May 2019 09:47

Tgt Ion: 97 Resp: 45914
 Ion Ratio Lower Upper
 97 100
 83 90.5 68.8 103.2
 85 58.9 45.8 68.6
 99 63.0 50.0 75.0





#51

Ethyl methacrylate

Concen: 19.452 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX009300.D

Acq: 03 May 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

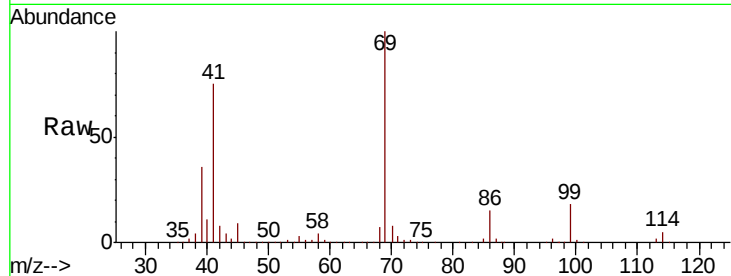
Tgt Ion: 69 Resp: 81742

Ion Ratio Lower Upper

69 100

41 75.0 38.4 115.2

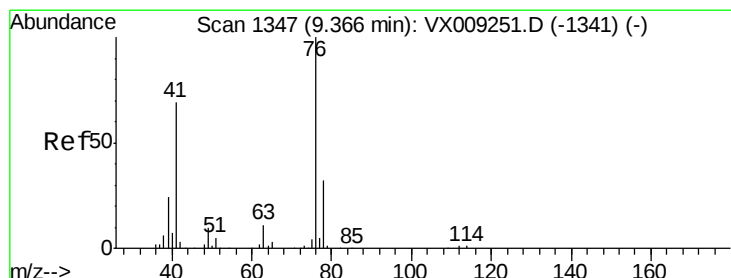
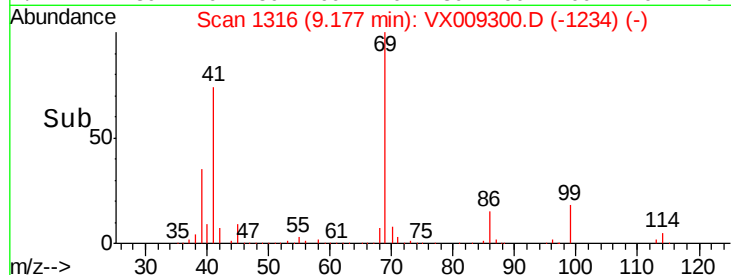
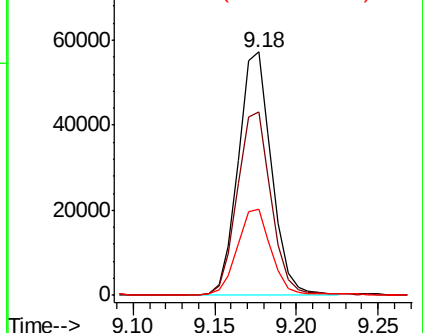
39 35.2 17.2 51.5



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 20.051 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX009300.D

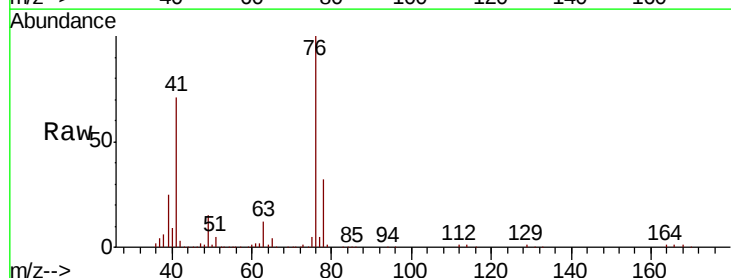
Acq: 03 May 2019 09:47

Tgt Ion: 76 Resp: 80920

Ion Ratio Lower Upper

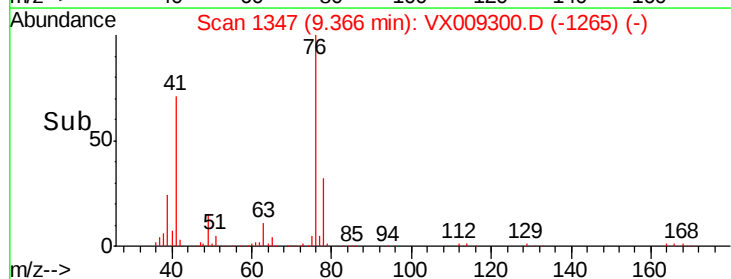
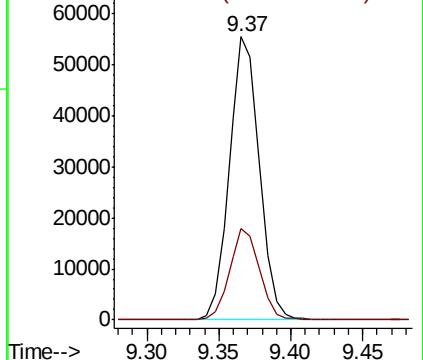
76 100

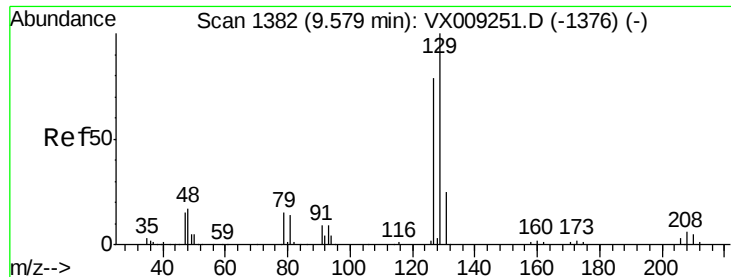
78 32.3 0.0 64.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

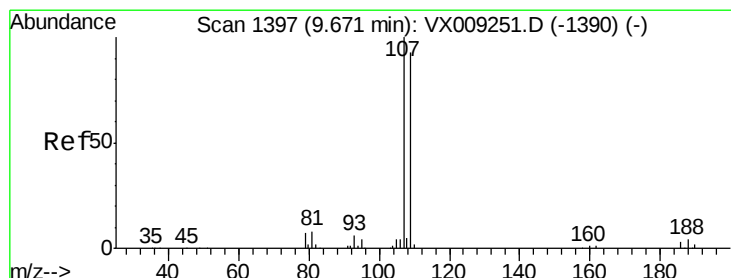
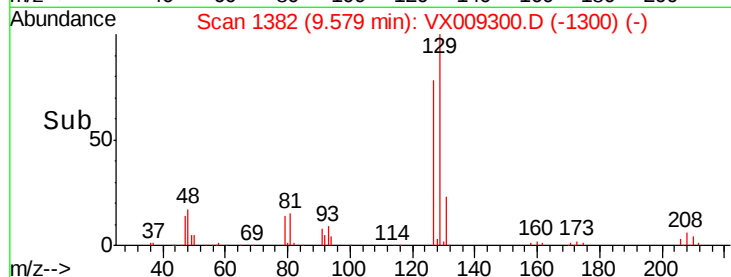
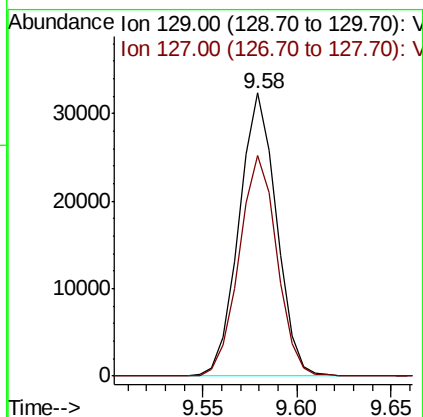
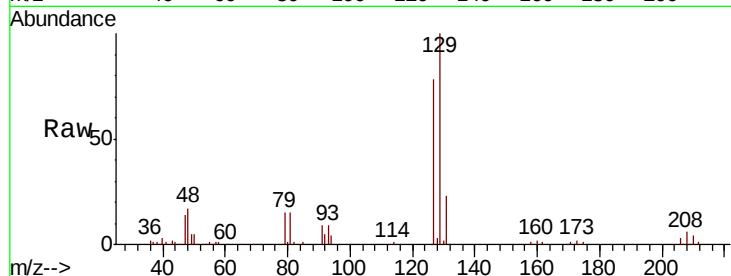




#53
Dibromochloromethane
Concen: 19.763 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009300.D
Acq: 03 May 2019 09:47

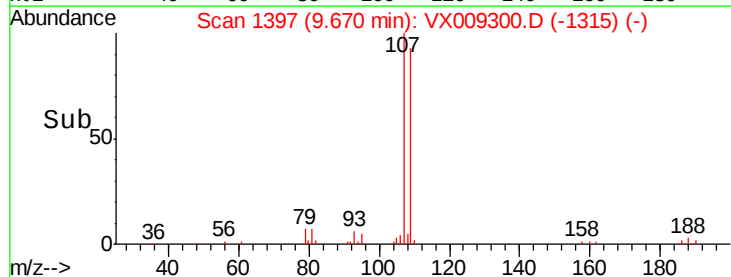
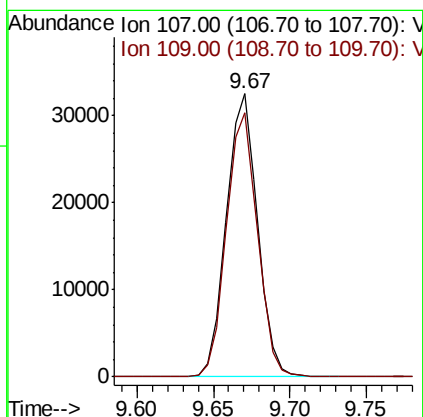
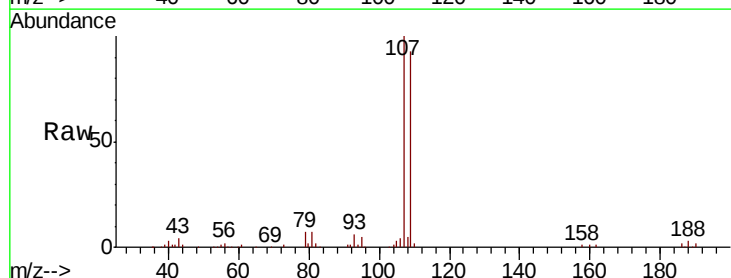
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

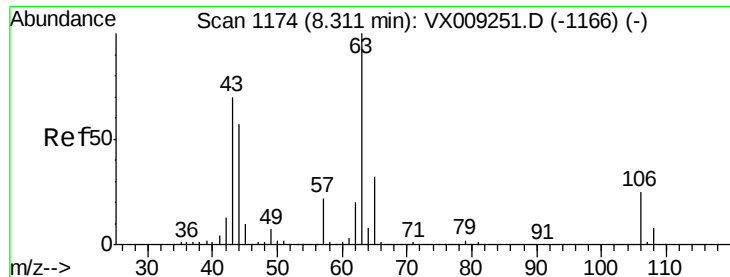
Tgt Ion:129 Resp: 44757
Ion Ratio Lower Upper
129 100
127 78.6 39.1 117.5



#54
1,2-Dibromoethane
Concen: 19.656 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX009300.D
Acq: 03 May 2019 09:47

Tgt Ion:107 Resp: 45841
Ion Ratio Lower Upper
107 100
109 93.3 75.5 113.3

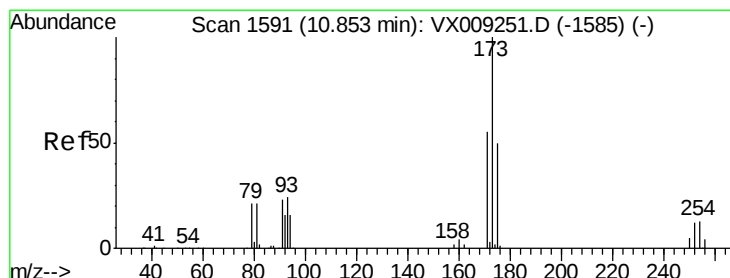
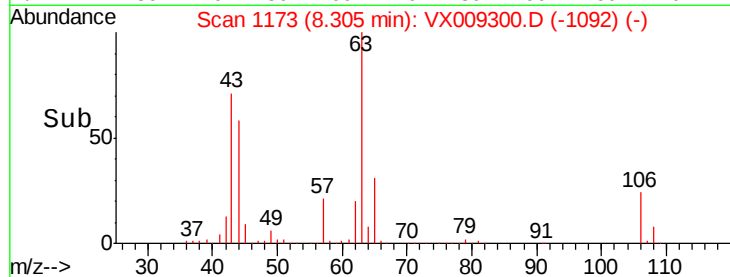
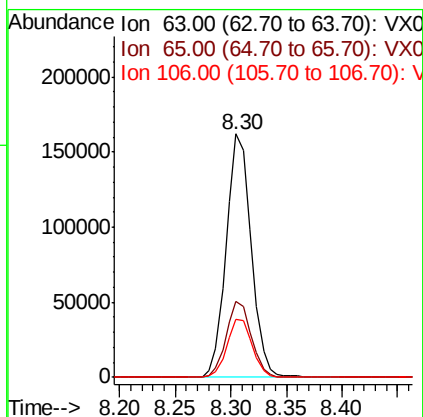
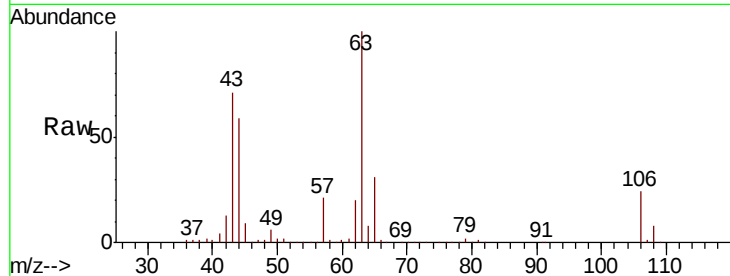




#55
 2-Chloroethyl vinyl ether
 Concen: 112.506 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VX009300.D
 Acq: 03 May 2019 09:47

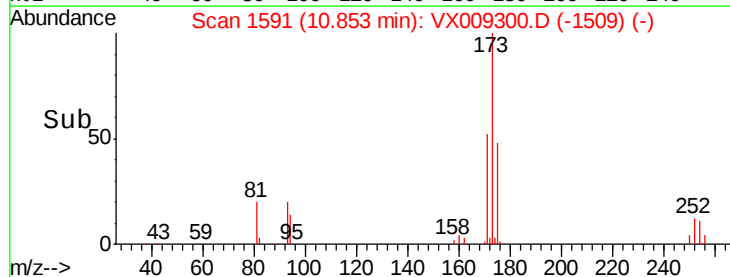
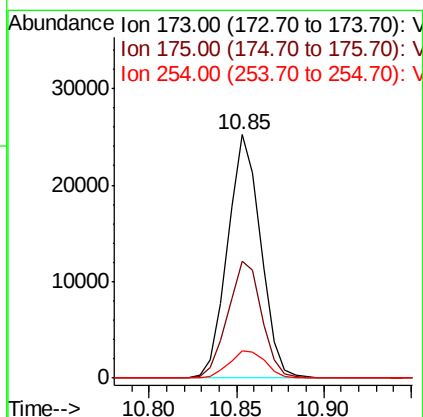
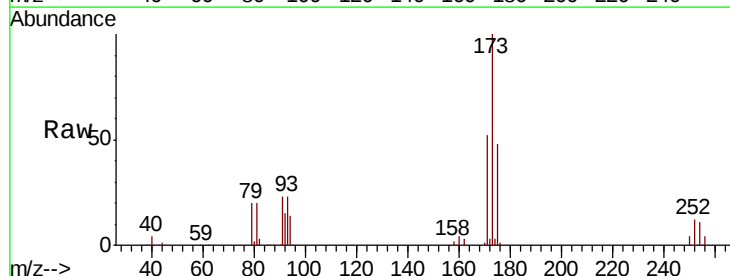
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

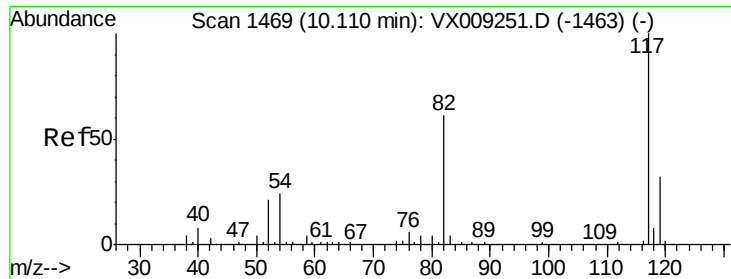
Tgt Ion: 63 Resp: 251925
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.8 38.6
 106 24.3 19.8 29.6



#56
 Bromoform
 Concen: 19.114 ug/l
 RT: 10.85 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: VX009300.D
 Acq: 03 May 2019 09:47

Tgt Ion: 173 Resp: 33229
 Ion Ratio Lower Upper
 173 100
 175 49.1 39.4 59.2
 254 12.3 9.9 14.9

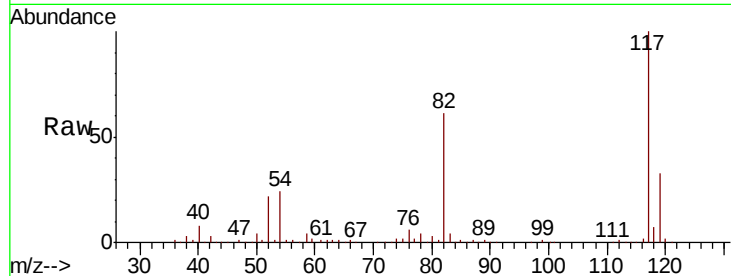




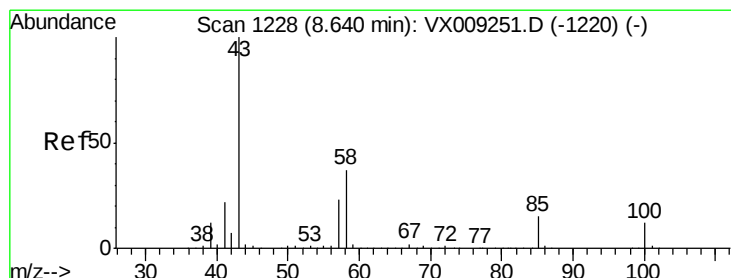
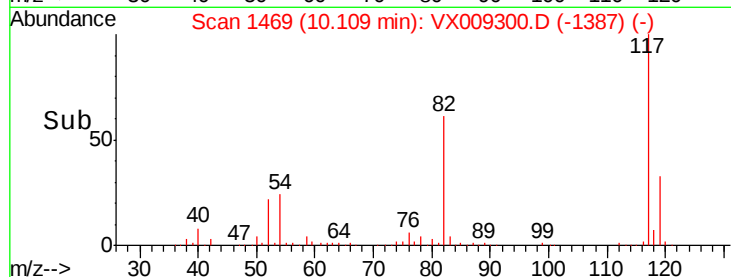
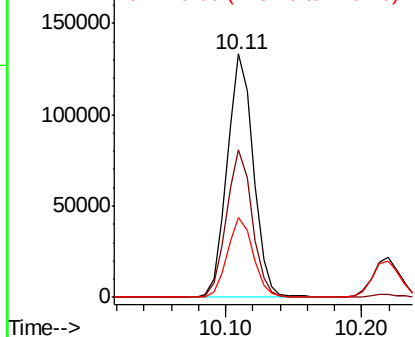
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009300.D
Acq: 03 May 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 117 Resp: 179208
Ion Ratio Lower Upper
117 100
82 59.1 47.8 71.8
119 32.3 25.6 38.4

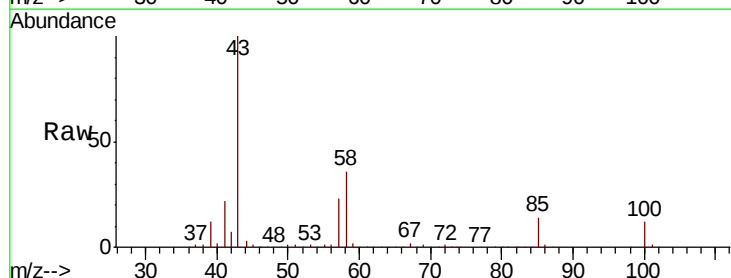


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

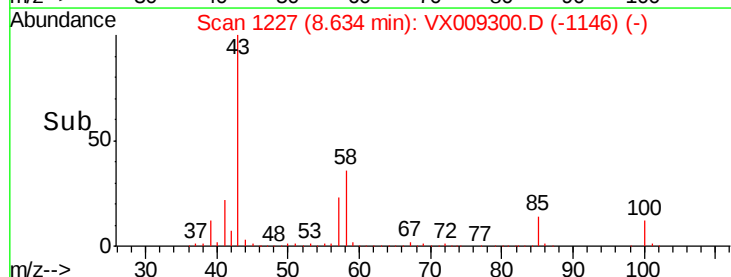
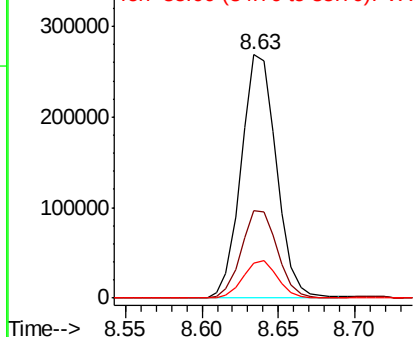


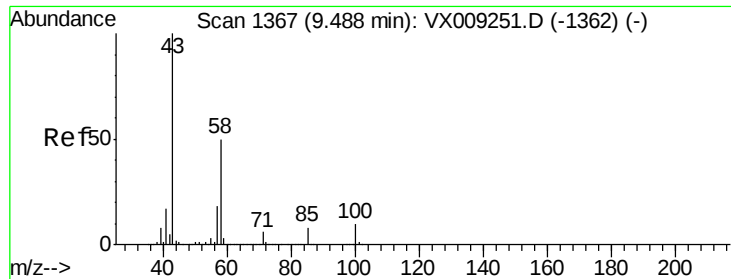
#58
4-Methyl-2-Pentanone
Concen: 97.842 ug/l
RT: 8.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VX009300.D
Acq: 03 May 2019 09:47

Tgt Ion: 43 Resp: 431140
Ion Ratio Lower Upper
43 100
58 36.6 29.4 44.0
85 14.9 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

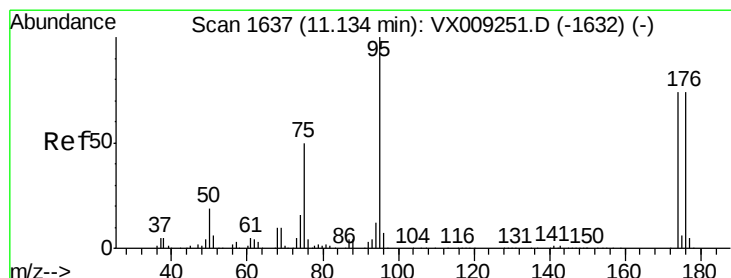
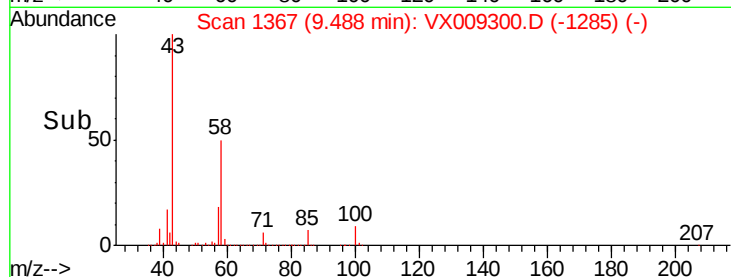
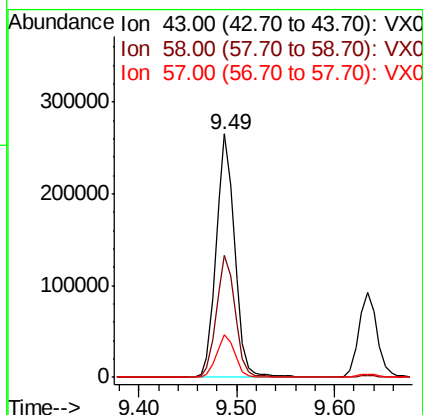
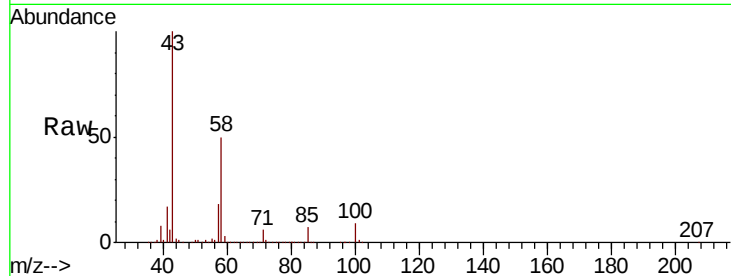




#59
2-Hexanone
Concen: 100.929 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009300.D
Acq: 03 May 2019 09:47

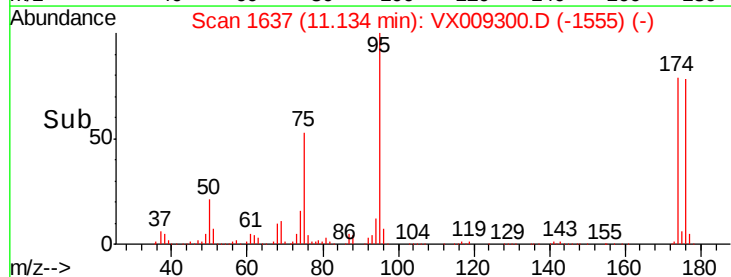
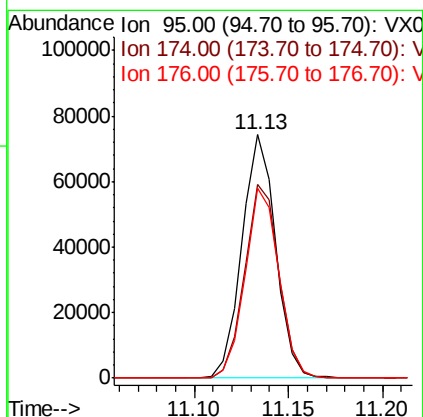
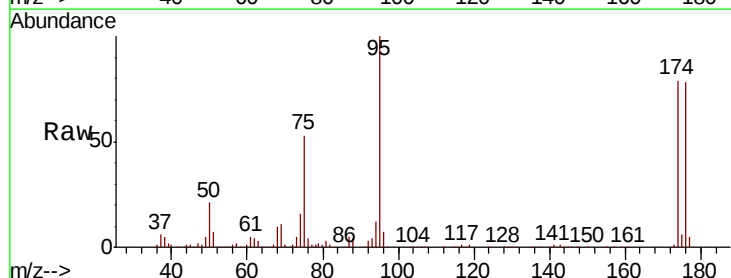
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

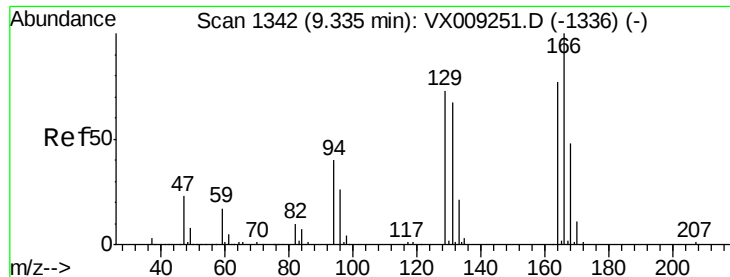
Tgt Ion: 43 Resp: 348834
Ion Ratio Lower Upper
43 100
58 50.9 40.8 61.2
57 17.6 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 30.312 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009300.D
Acq: 03 May 2019 09:47

Tgt Ion: 95 Resp: 92306
Ion Ratio Lower Upper
95 100
174 80.8 63.6 95.4
176 78.5 62.4 93.6





#61

Tetrachloroethene

Concen: 21.483 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX009300.D

Acq: 03 May 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:164 Resp: 42441

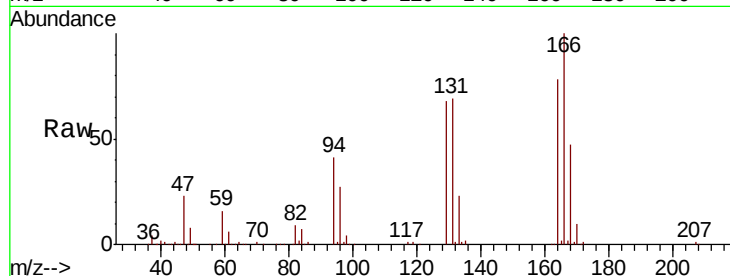
Ion Ratio Lower Upper

164 100

166 127.6 104.1 156.1

129 87.1 76.0 114.0

131 87.8 70.1 105.1

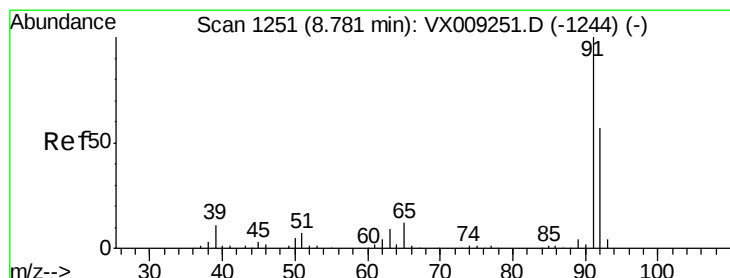
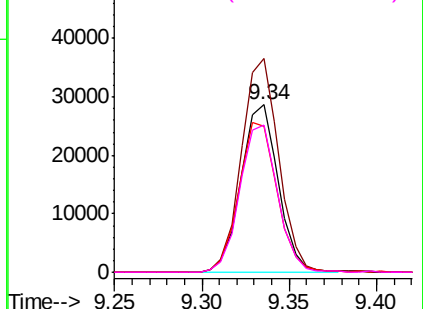
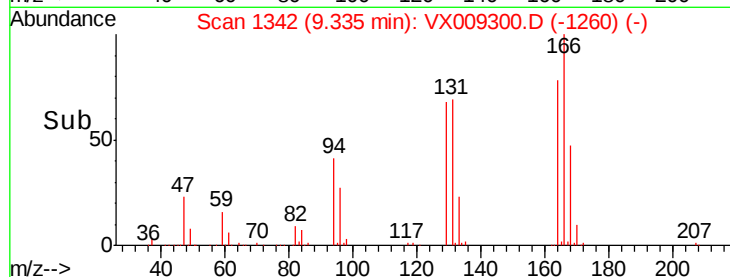


Abundance Ion 163.85 (163.55 to 164.55): V

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: 20.497 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX009300.D

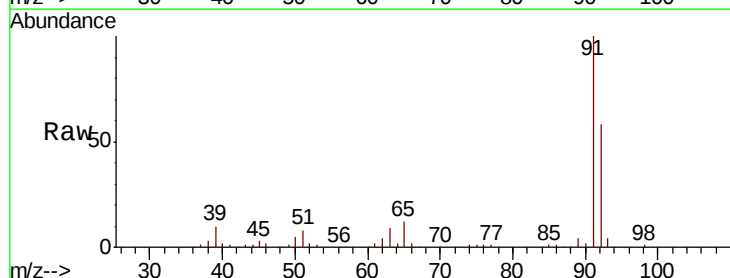
Acq: 03 May 2019 09:47

Tgt Ion: 91 Resp: 196280

Ion Ratio Lower Upper

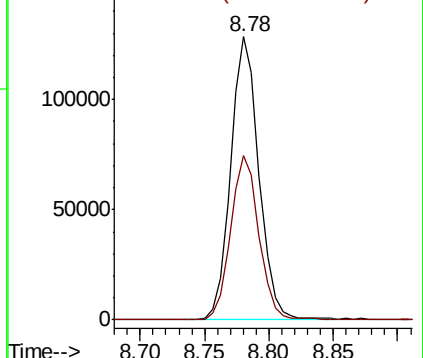
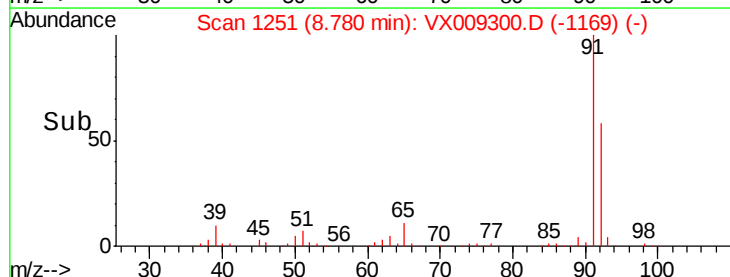
91 100

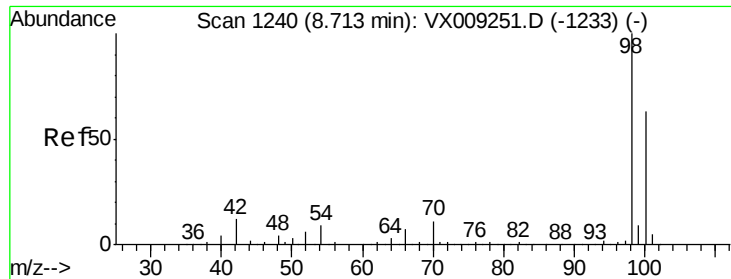
92 58.3 46.1 69.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

150000 Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.118 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009300.D

Acq: 03 May 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

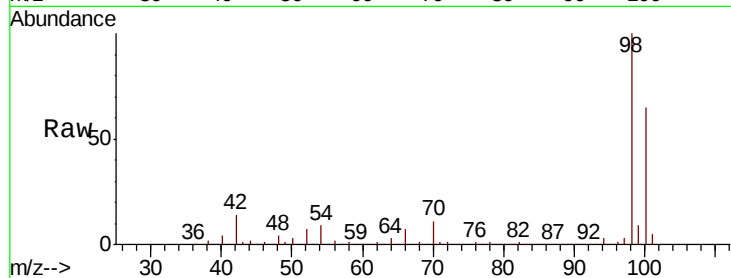
VSTDCCC020

Tgt Ion: 98 Resp: 255893

Ion Ratio Lower Upper

98 100

100 64.5 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

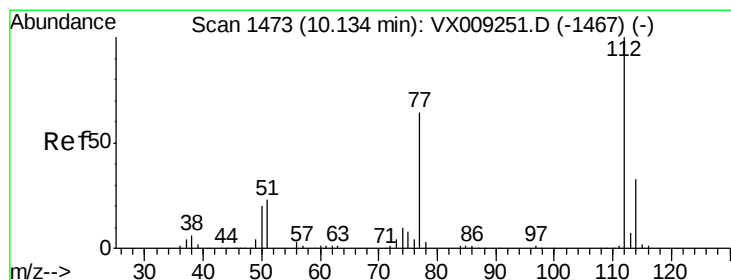
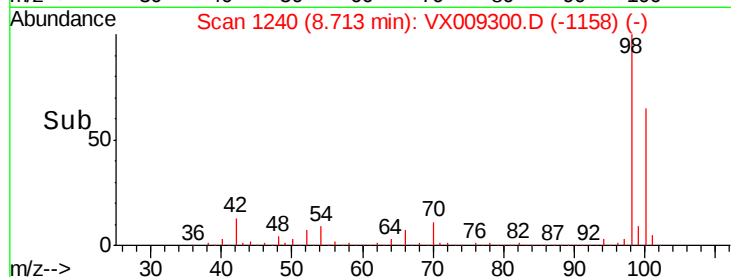
100000

50000

0

8.65 8.70 8.75 8.80

Time-->



#64

Chlorobenzene

Concen: 20.261 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX009300.D

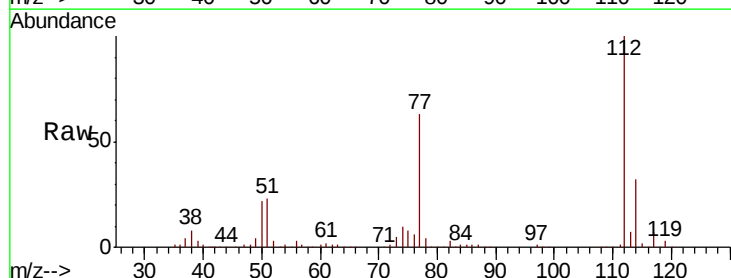
Acq: 03 May 2019 09:47

Tgt Ion: 112 Resp: 116766

Ion Ratio Lower Upper

112 100

114 31.9 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

100000

80000

60000

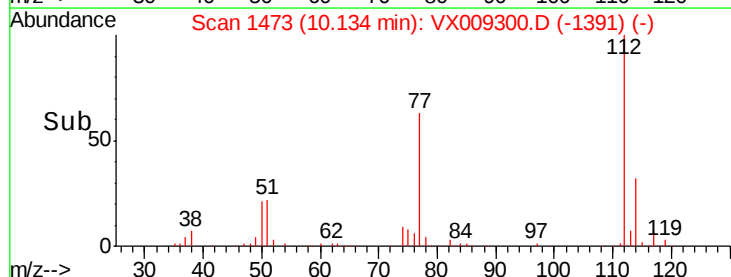
40000

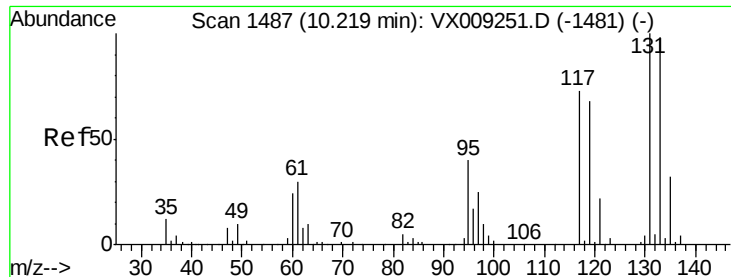
20000

0

10.05 10.10 10.15 10.20

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 20.208 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX009300.D

Acq: 03 May 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

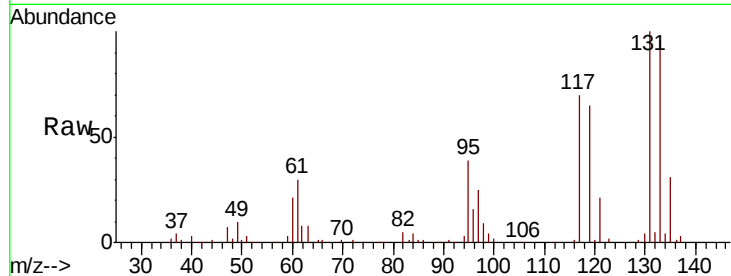
Tgt Ion: 131 Resp: 42642

Ion Ratio Lower Upper

131 100

133 95.9 0.0 191.2

119 65.5 0.0 135.4

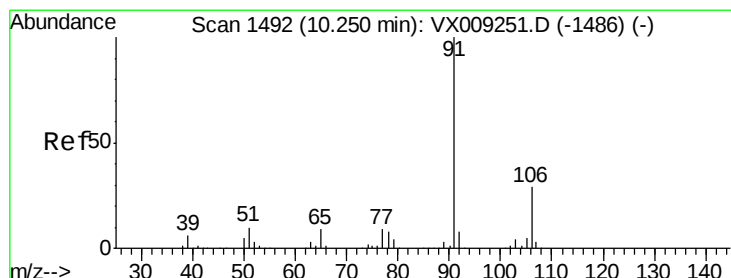
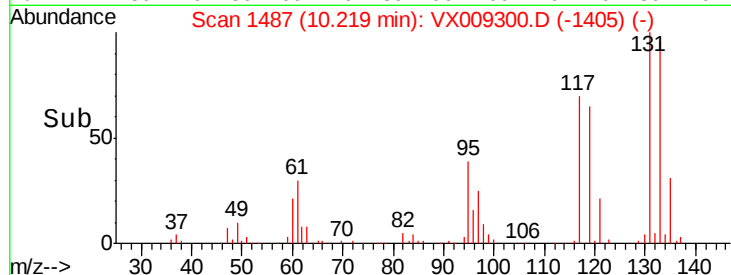
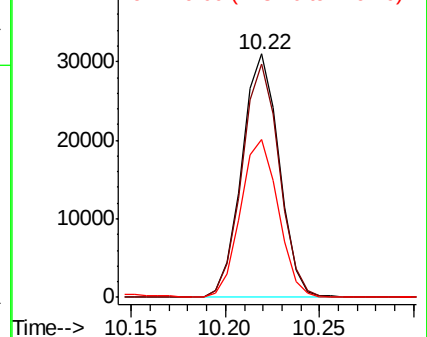


Abundance

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: 20.343 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009300.D

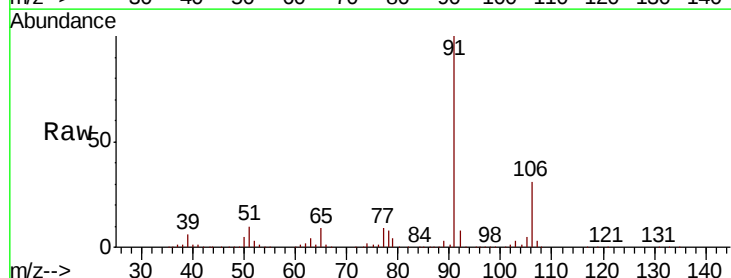
Acq: 03 May 2019 09:47

Tgt Ion: 91 Resp: 217014

Ion Ratio Lower Upper

91 100

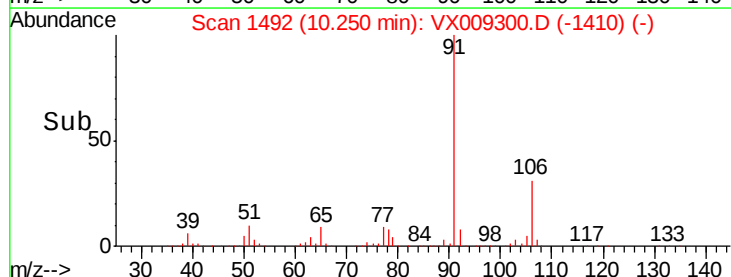
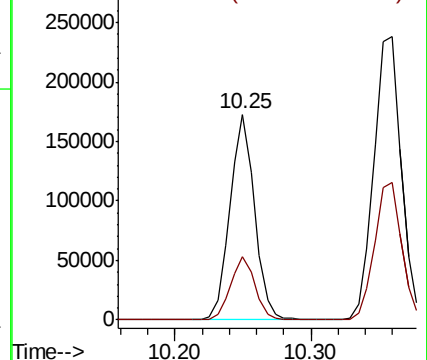
106 30.7 23.5 35.3

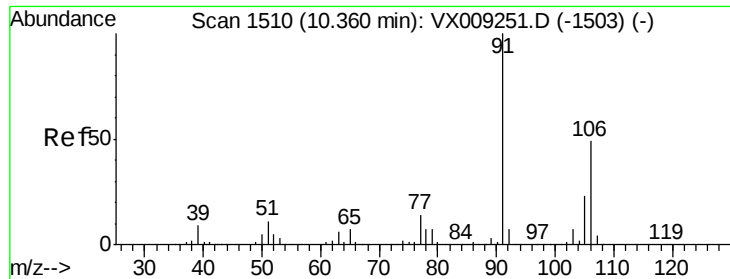


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

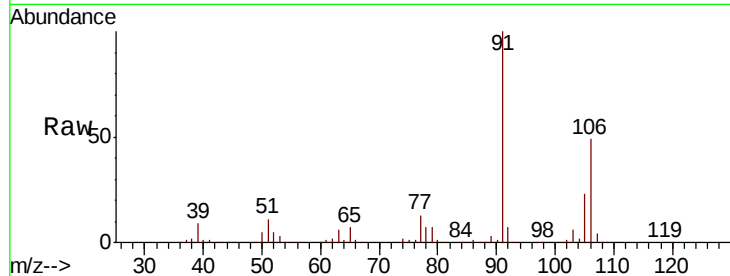




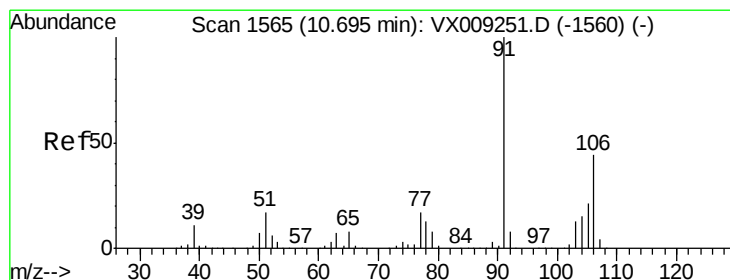
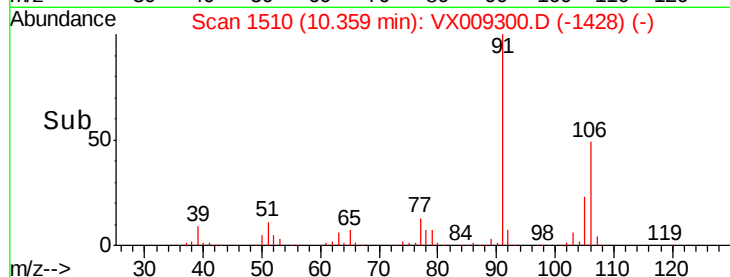
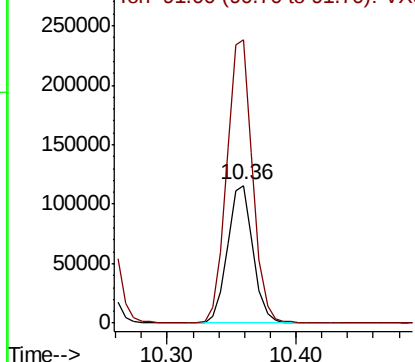
#67
m/p-Xylenes
Concen: 41.321 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009300.D
Acq: 03 May 2019 09:47

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tgt Ion:106 Resp: 160943
Ion Ratio Lower Upper
106 100
91 208.1 166.8 250.2

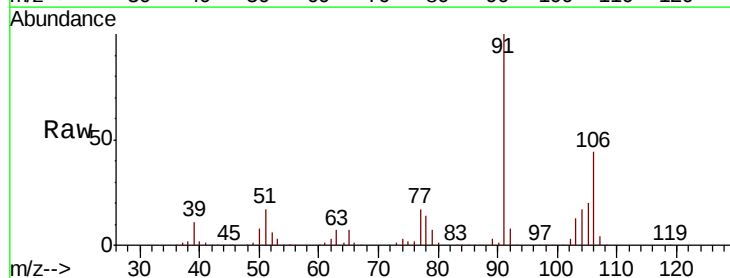


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

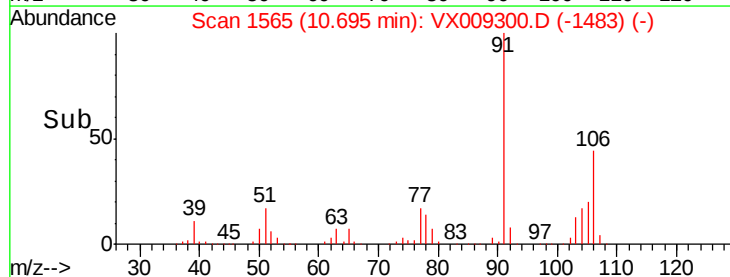
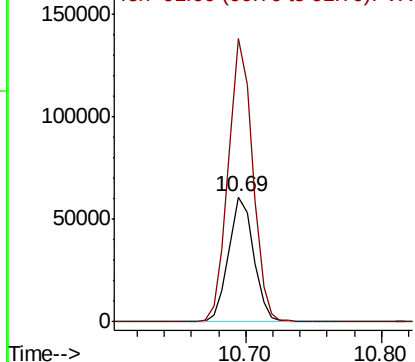


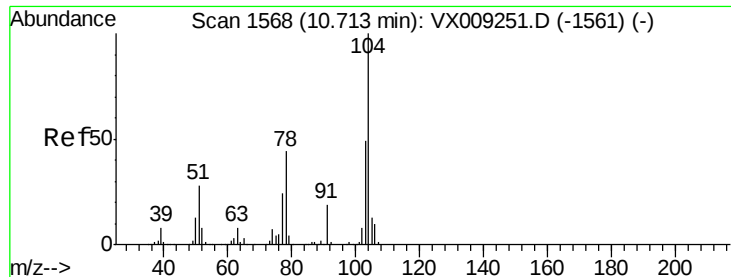
#68
o-Xylene
Concen: 20.528 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009300.D
Acq: 03 May 2019 09:47

Tgt Ion:106 Resp: 78621
Ion Ratio Lower Upper
106 100
91 219.8 110.8 332.3



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

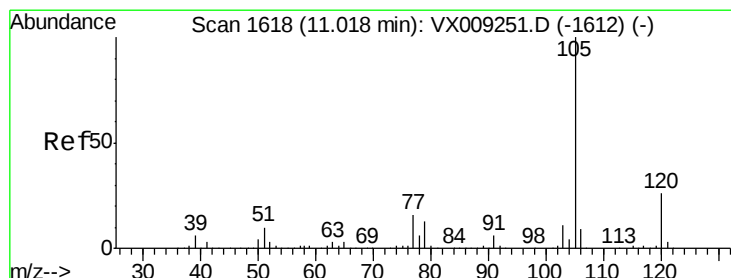
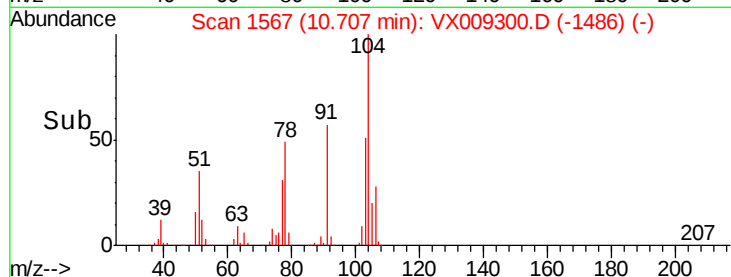
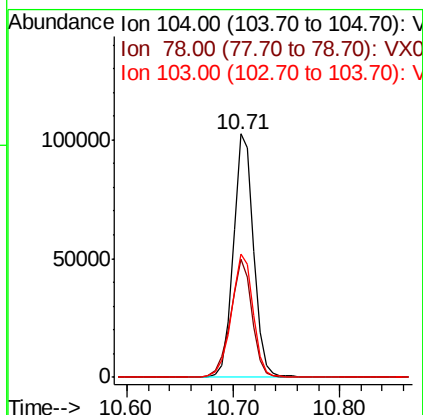
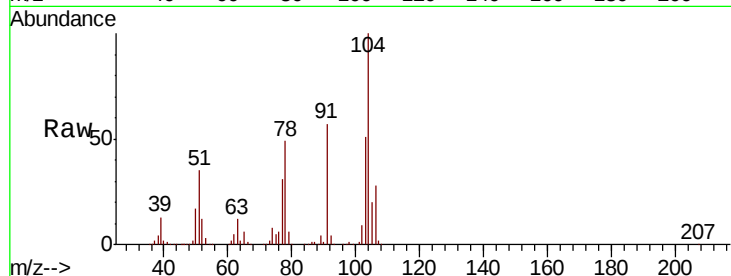




#69
Styrene
Concen: 20.285 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009300.D
Acq: 03 May 2019 09:47

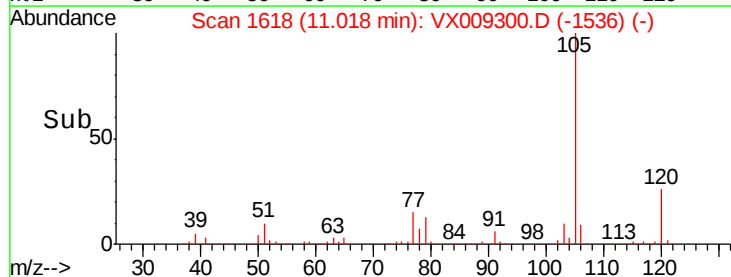
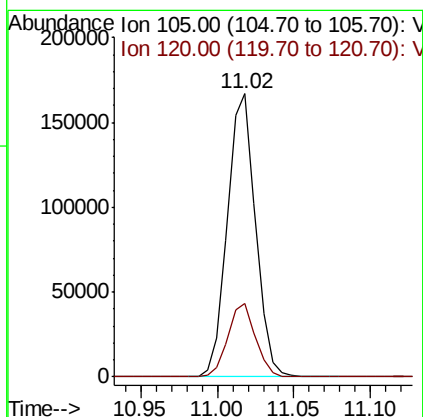
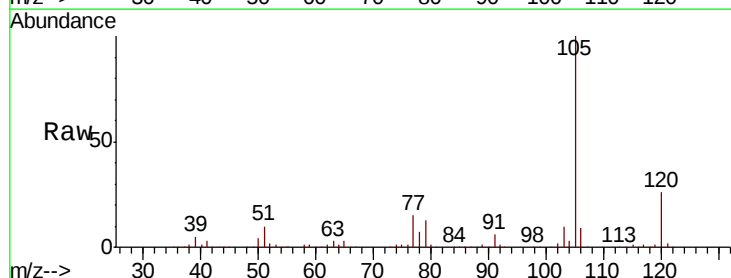
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

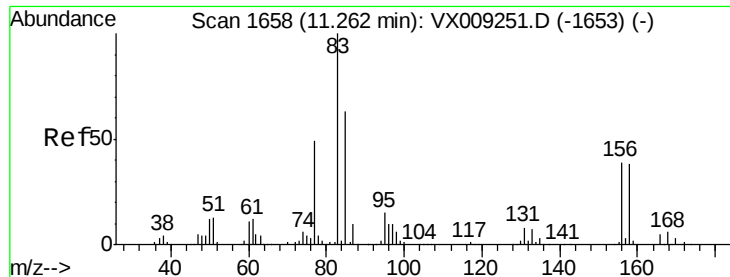
Tgt Ion:104 Resp: 136376
Ion Ratio Lower Upper
104 100
78 51.9 41.1 61.7
103 54.5 43.8 65.8



#70
Isopropylbenzene
Concen: 20.605 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009300.D
Acq: 03 May 2019 09:47

Tgt Ion:105 Resp: 212228
Ion Ratio Lower Upper
105 100
120 25.5 18.1 33.7

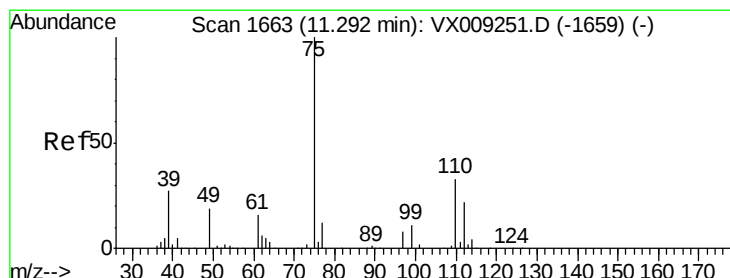
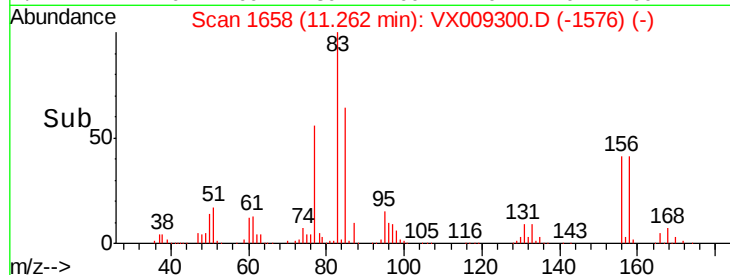
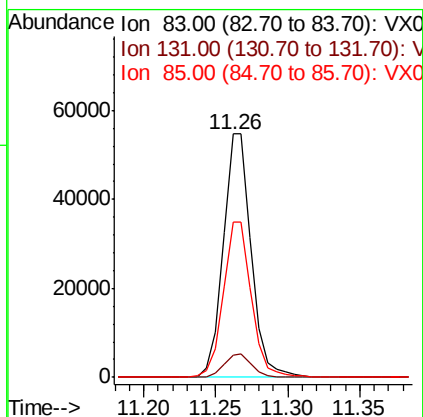
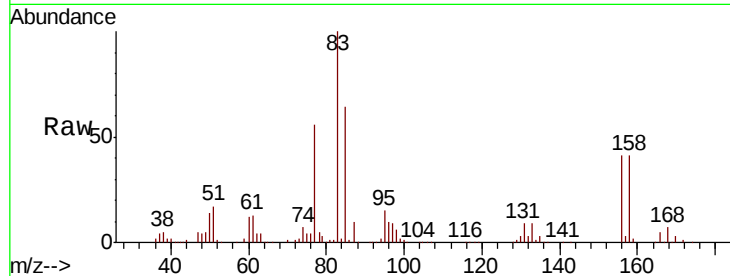




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.805 ug/l
 RT: 11.26 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: VX009300.D
 Acq: 03 May 2019 09:47

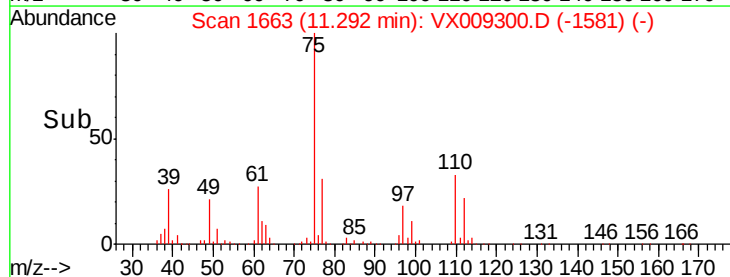
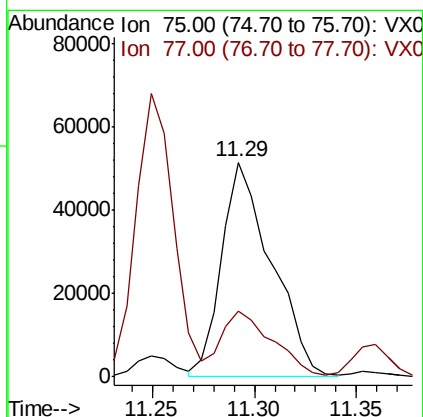
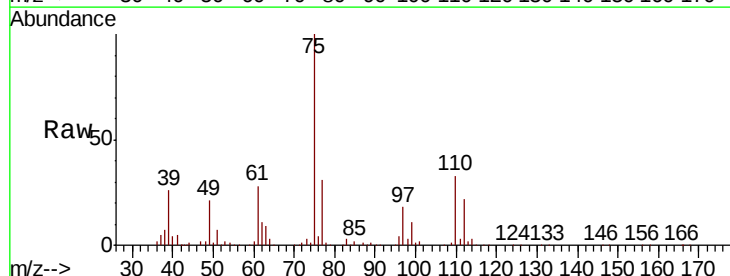
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

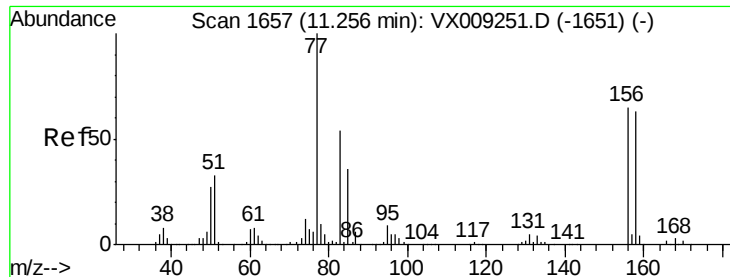
Tgt Ion: 83 Resp: 74705
 Ion Ratio Lower Upper
 83 100
 131 9.6 4.7 14.0
 85 64.4 32.4 97.2



#72
 1,2,3-Trichloropropane
 Concen: 26.887 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX009300.D
 Acq: 03 May 2019 09:47

Tgt Ion: 75 Resp: 87399
 Ion Ratio Lower Upper
 75 100
 77 31.5 0.0 86.4





#73

Bromobenzene

Concen: 20.087 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009300.D

Acq: 03 May 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

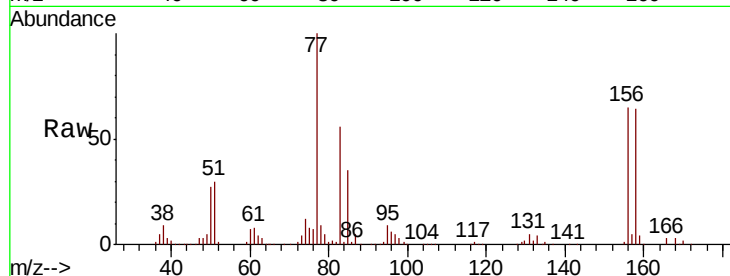
Tgt Ion:156 Resp: 51118

Ion Ratio Lower Upper

156 100

77 170.8 0.0 335.6

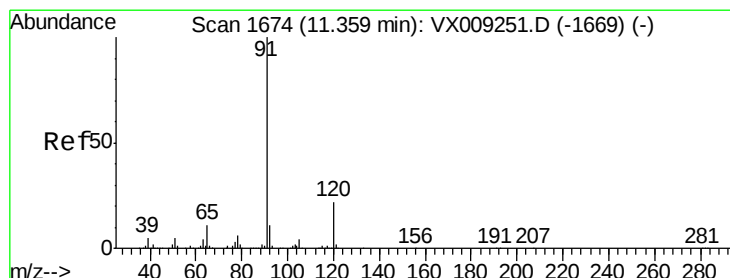
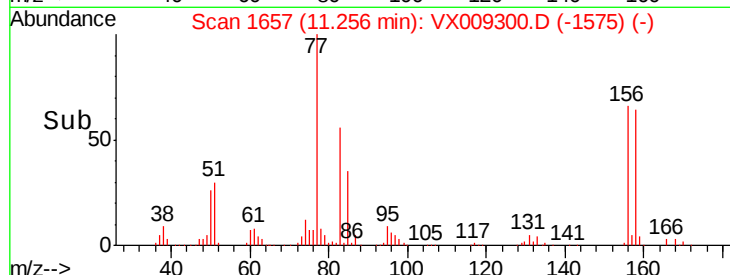
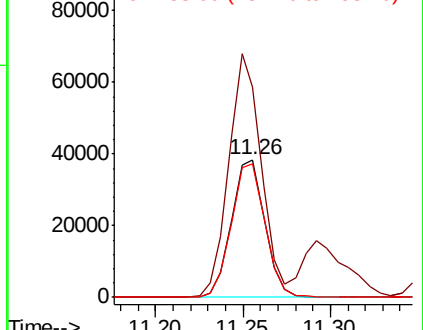
158 97.9 0.0 191.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.621 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009300.D

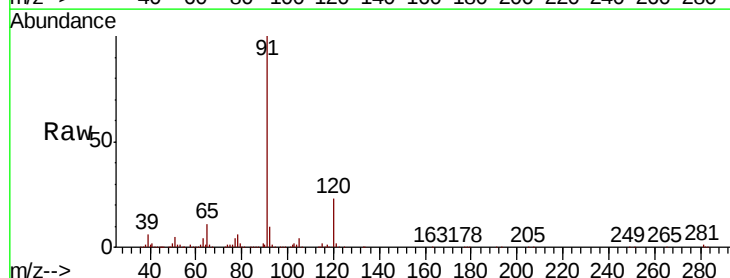
Acq: 03 May 2019 09:47

Tgt Ion: 91 Resp: 246123

Ion Ratio Lower Upper

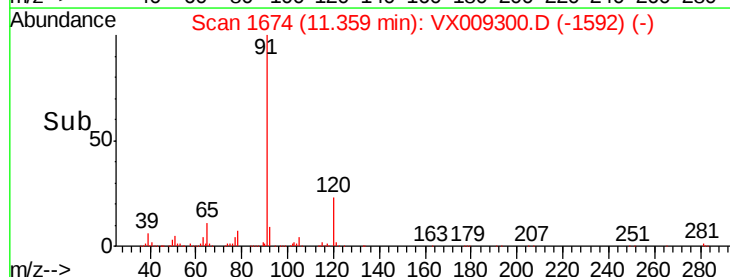
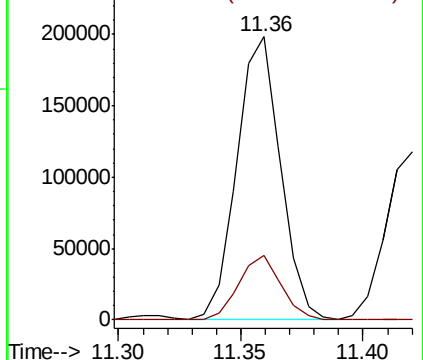
91 100

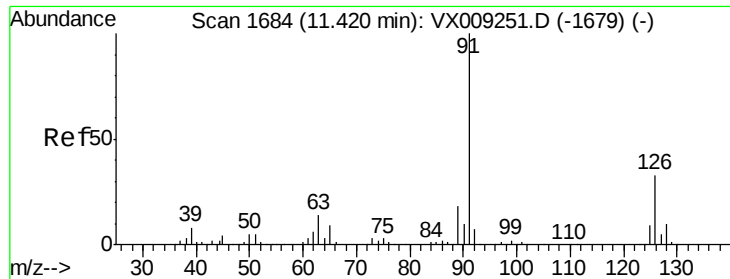
120 22.3 0.0 43.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.730 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009300.D

Acq: 03 May 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

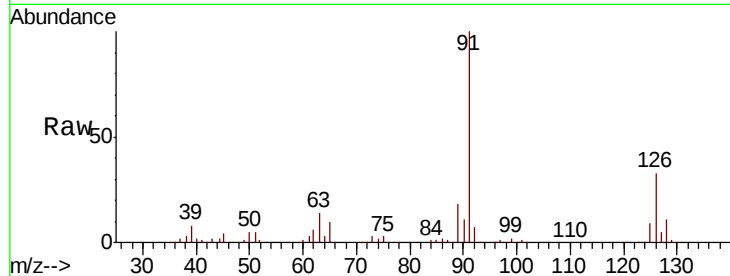
VSTDCCC020

Tgt Ion: 91 Resp: 148409

Ion Ratio Lower Upper

91 100

126 32.3 0.0 64.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

200000

150000

100000

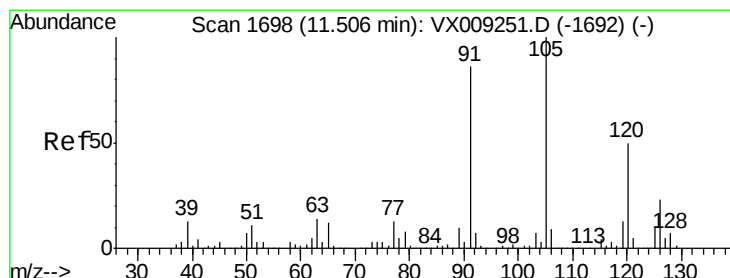
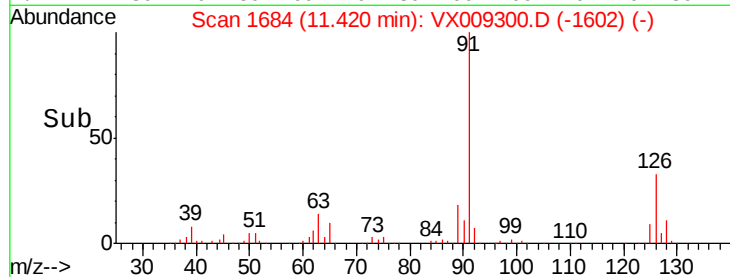
50000

0

11.42

11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 20.793 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009300.D

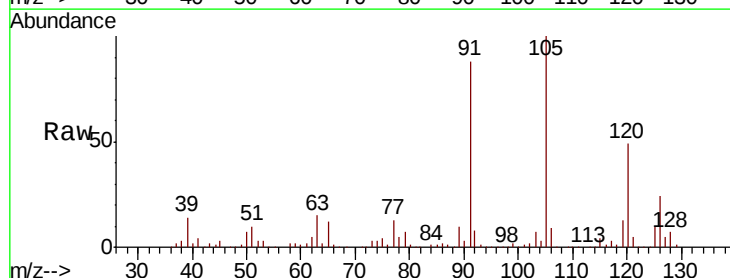
Acq: 03 May 2019 09:47

Tgt Ion: 105 Resp: 181413

Ion Ratio Lower Upper

105 100

120 47.6 0.0 97.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

100000

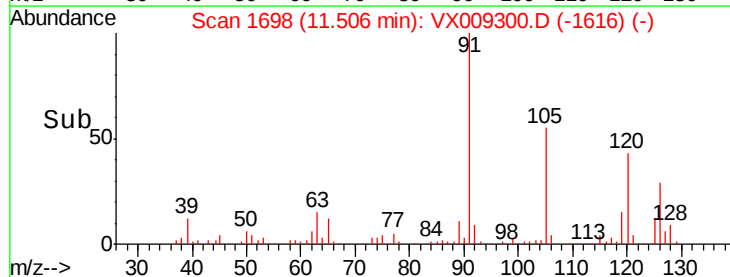
50000

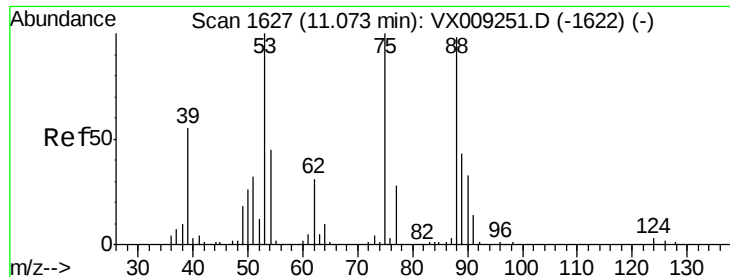
0

11.51

11.55

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 18.369 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009300.D

Acq: 03 May 2019 09:47

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

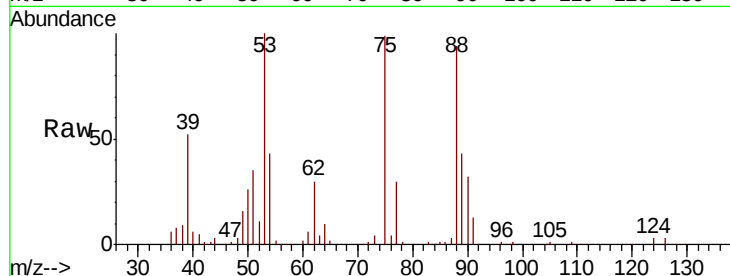
Tgt Ion: 75 Resp: 24085

Ion Ratio Lower Upper

75 100

53 100.8 50.0 149.8

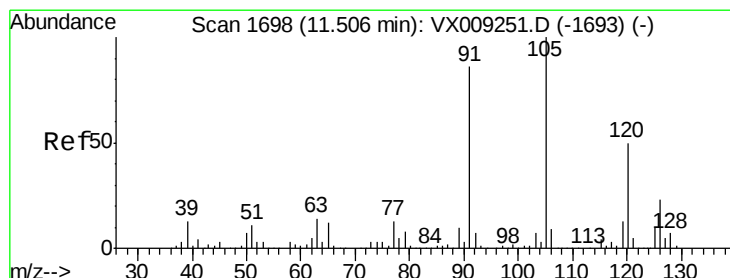
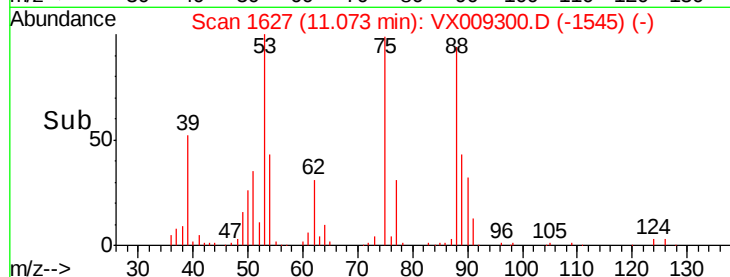
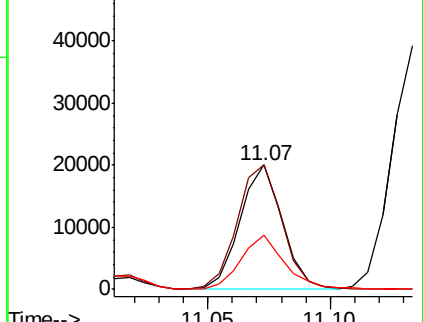
89 43.4 21.6 65.0



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: 20.680 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009300.D

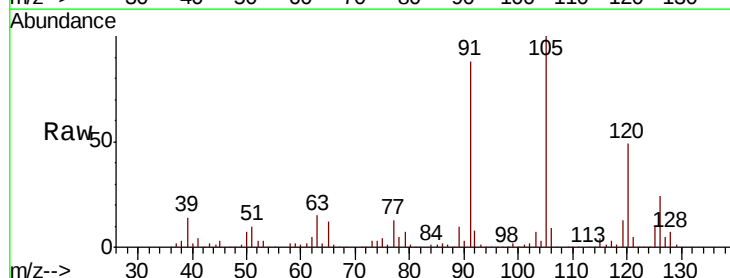
Acq: 03 May 2019 09:47

Tgt Ion: 91 Resp: 168152

Ion Ratio Lower Upper

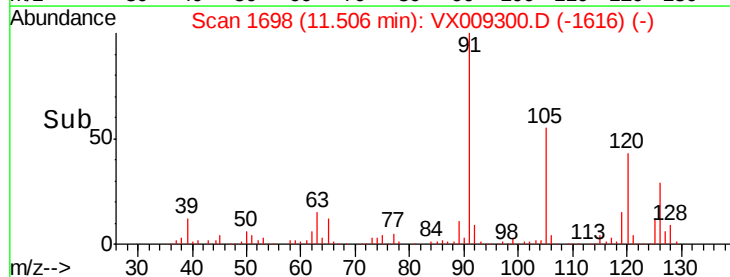
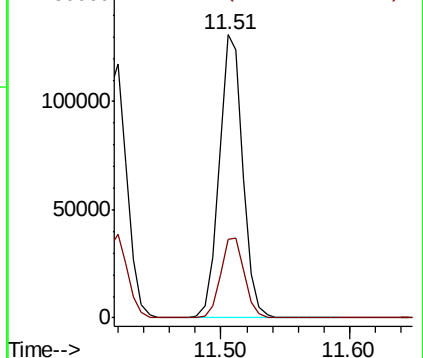
91 100

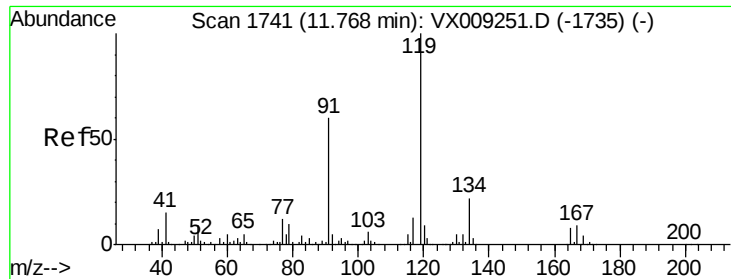
126 28.3 0.0 57.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

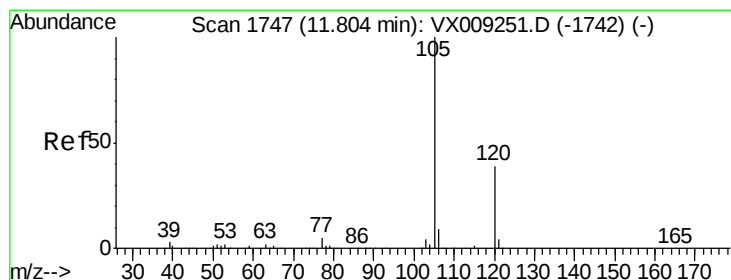
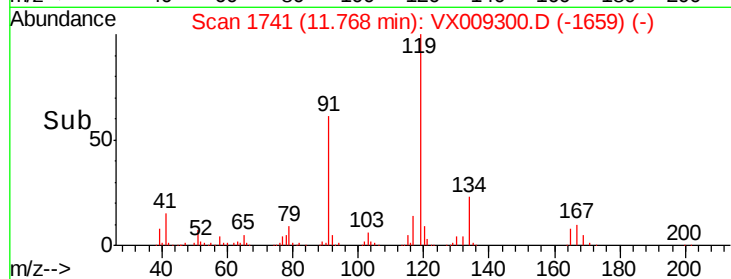
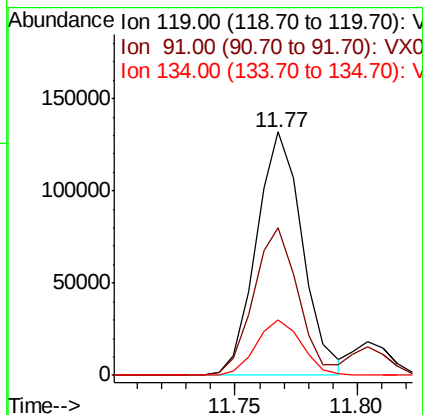
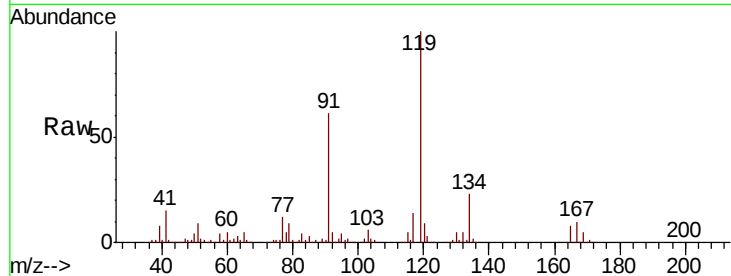




#79
tert-butylbenzene
Concen: 20.450 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009300.D
Acq: 03 May 2019 09:47

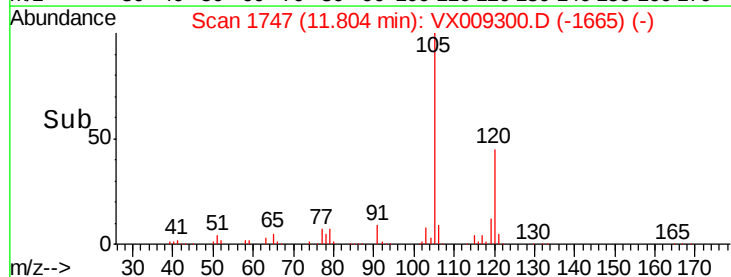
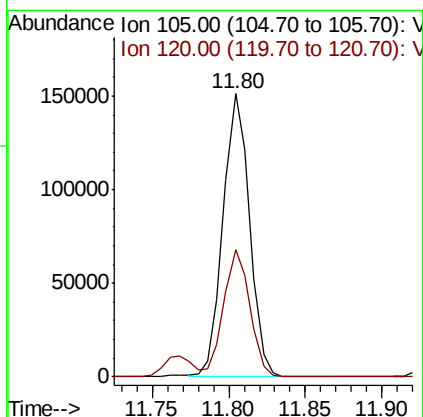
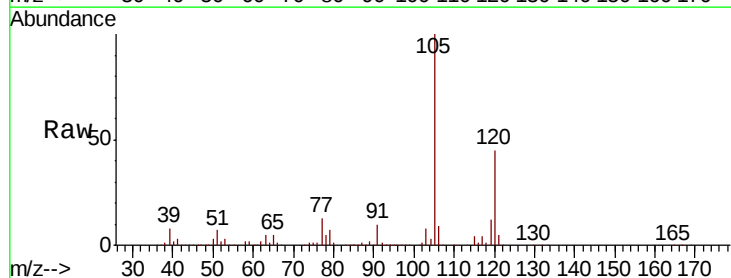
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

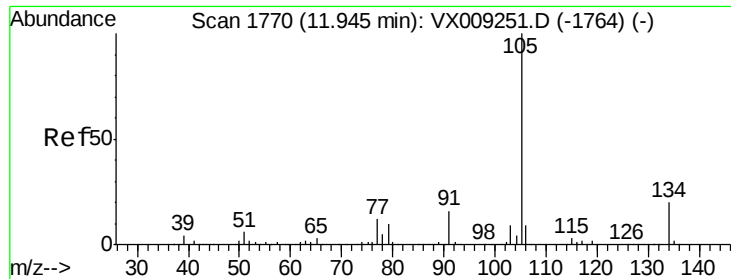
Tgt Ion:119 Resp: 172482
Ion Ratio Lower Upper
119 100
91 59.1 0.0 118.2
134 22.4 0.0 45.0



#80
1,2,4-Trimethylbenzene
Concen: 20.774 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009300.D
Acq: 03 May 2019 09:47

Tgt Ion:105 Resp: 181658
Ion Ratio Lower Upper
105 100
120 44.9 0.0 89.6

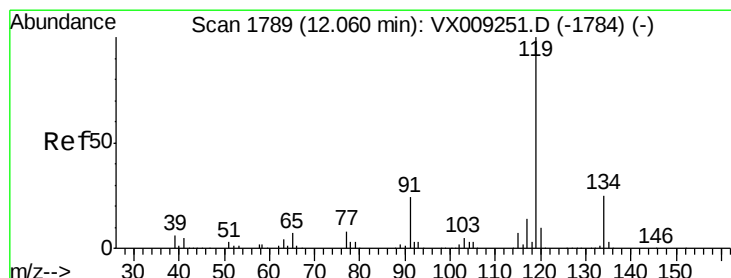
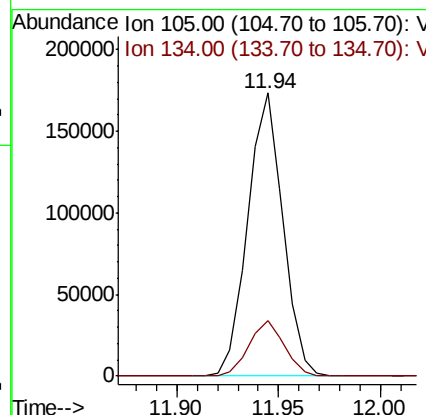
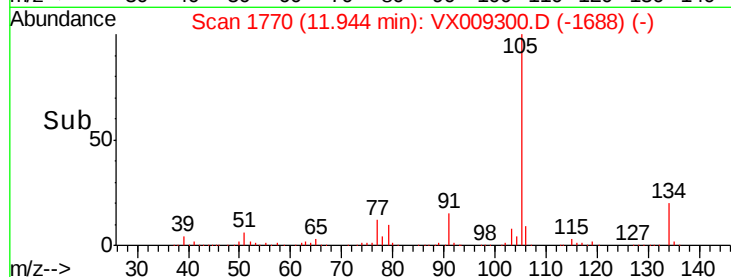
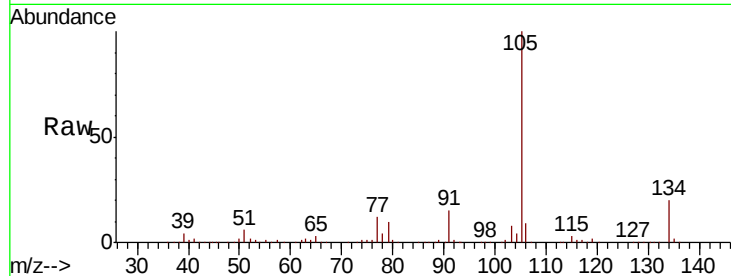




#81
 sec-Butylbenzene
 Concen: 20.733 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009300.D
 Acq: 03 May 2019 09:47

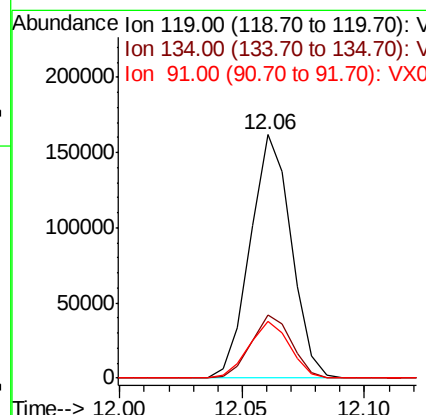
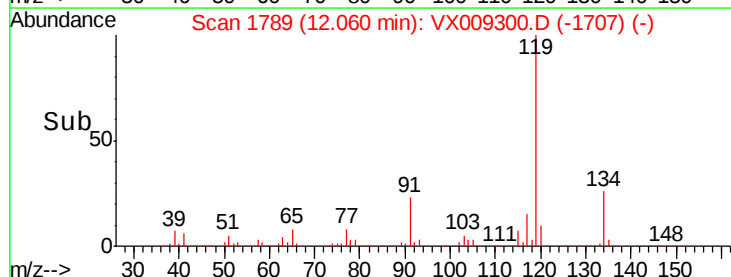
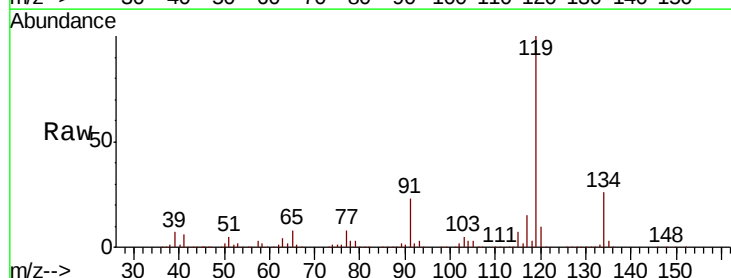
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

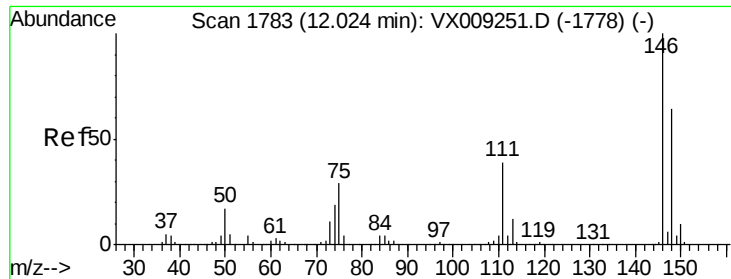
Tgt Ion:105 Resp: 207757
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 20.745 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX009300.D
 Acq: 03 May 2019 09:47

Tgt Ion:119 Resp: 189100
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 50.8
 91 23.3 0.0 47.2

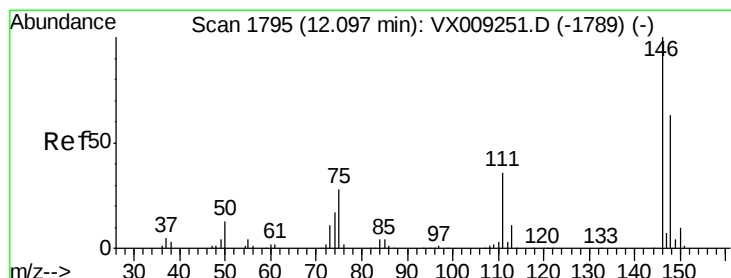
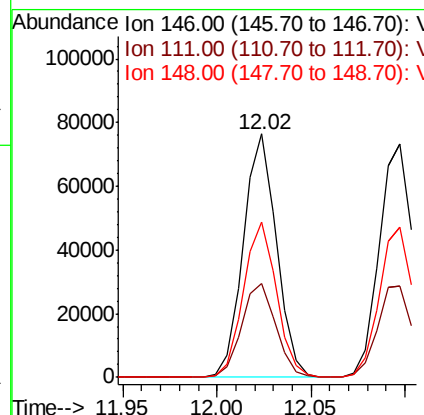
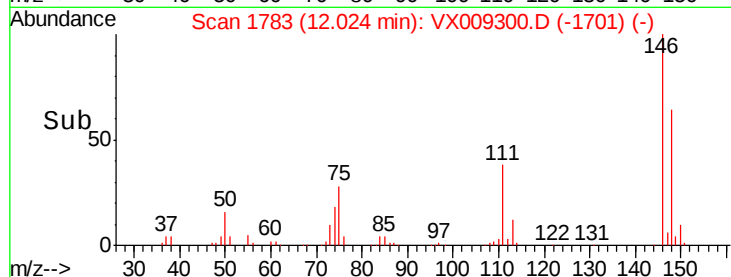
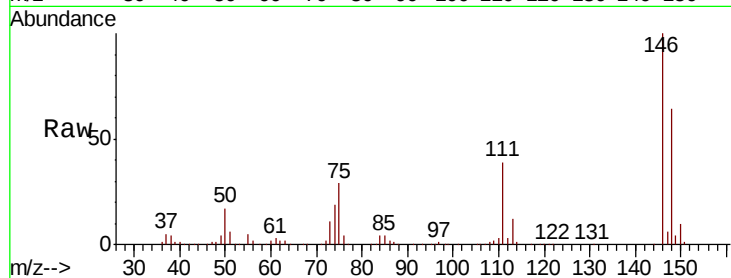




#83
 1,3-Dichlorobenzene
 Concen: 20.547 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009300.D
 Acq: 03 May 2019 09:47

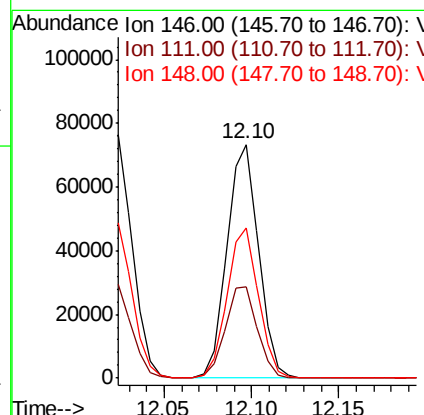
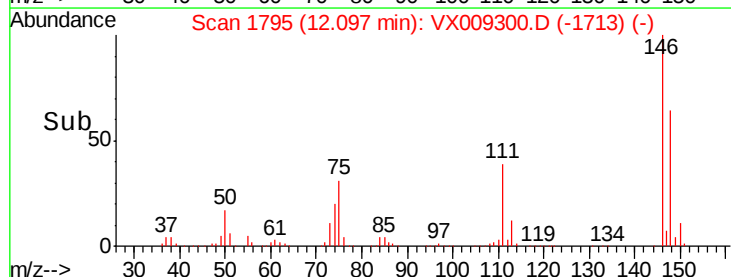
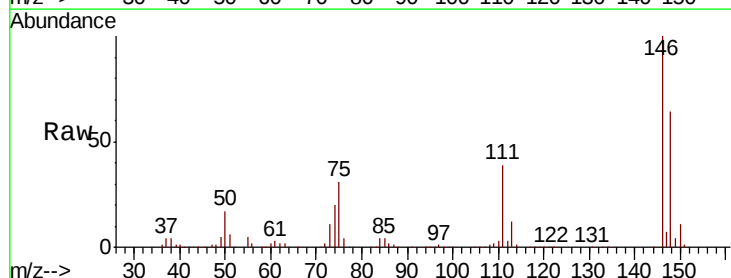
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

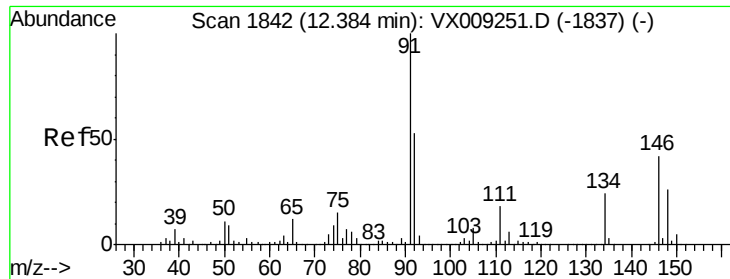
Tgt Ion:146 Resp: 93380
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 60.0
 148 63.8 32.2 96.6



#84
 1,4-Dichlorobenzene
 Concen: 20.316 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009300.D
 Acq: 03 May 2019 09:47

Tgt Ion:146 Resp: 91986
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.6 58.7
 148 64.2 32.3 96.8





#85

n-Butylbenzene

Concen: 20.712 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX009300.D

Acq: 03 May 2019 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

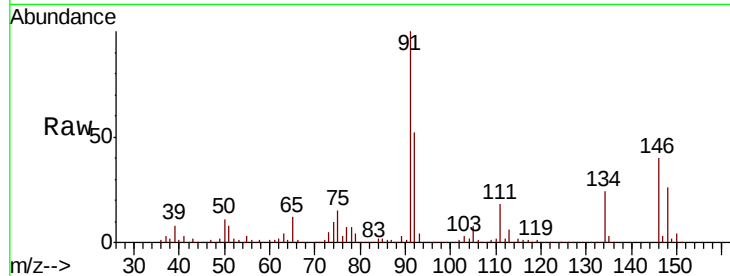
Tgt Ion: 91 Resp: 172760

Ion Ratio Lower Upper

91 100

92 52.2 0.0 106.6

134 24.9 0.0 50.0



Abundance Ion 91.00 (90.70 to 91.70): VX009251.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX009251.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX009251.D (-1837) (-)

12.38

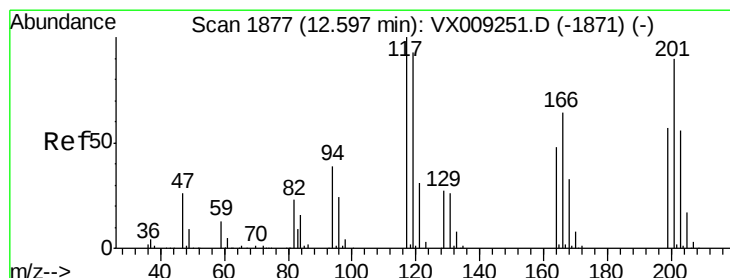
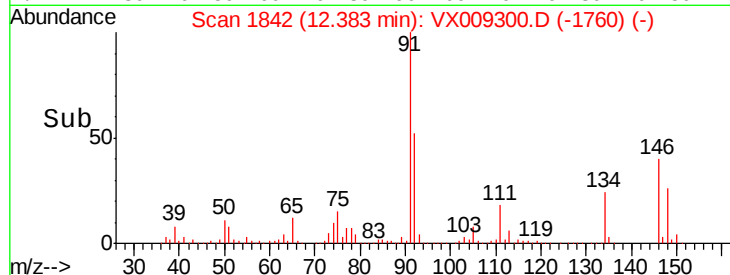
150000

100000

50000

0

Time-->



#86

Hexachloroethane

Concen: 19.682 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX009300.D

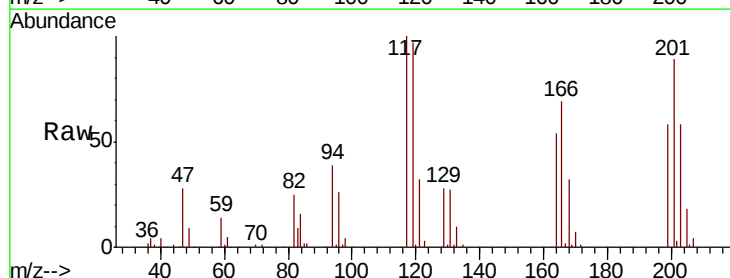
Acq: 03 May 2019 09:47

Tgt Ion: 117 Resp: 30529

Ion Ratio Lower Upper

117 100

201 84.4 41.8 125.4



Abundance Ion 117.00 (116.70 to 117.70): VX009251.D (-1871) (-)

Ion 201.00 (200.70 to 201.70): VX009251.D (-1871) (-)

12.60

25000

20000

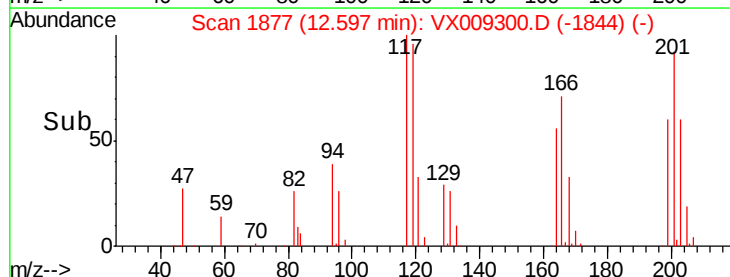
15000

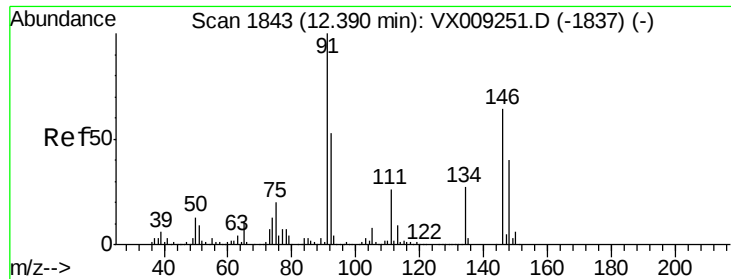
10000

5000

0

Time-->

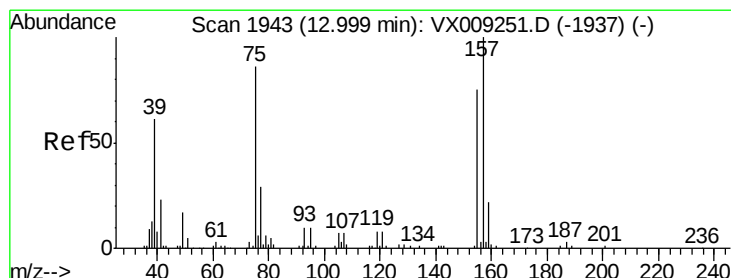
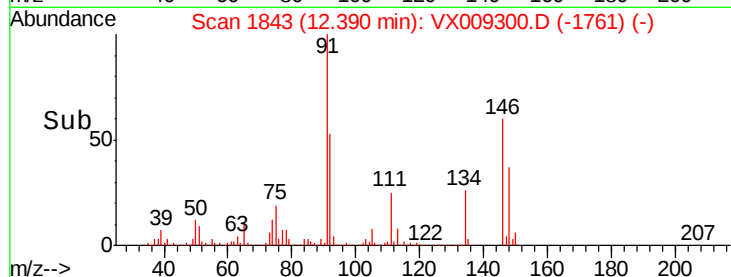
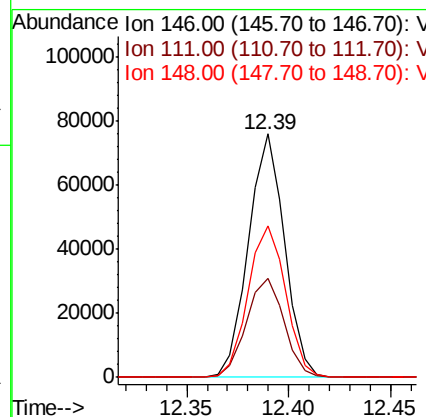
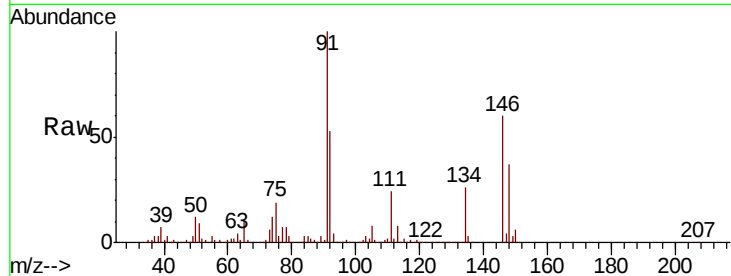




#87
 1,2-Dichlorobenzene
 Concen: 20.508 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009300.D
 Acq: 03 May 2019 09:47

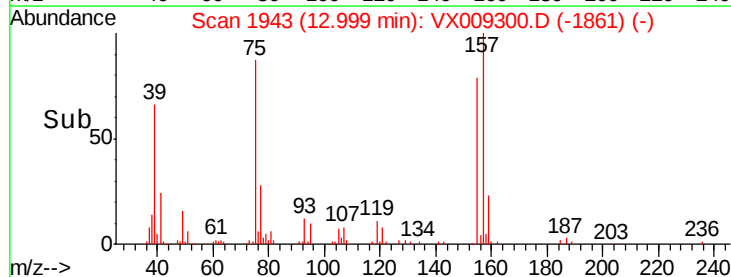
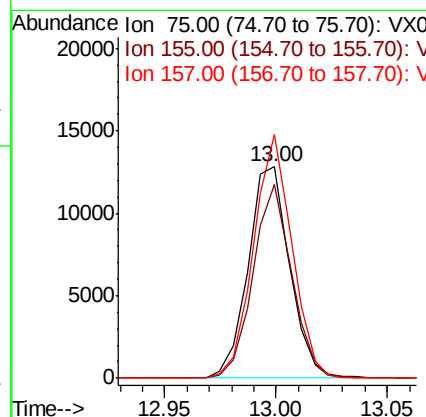
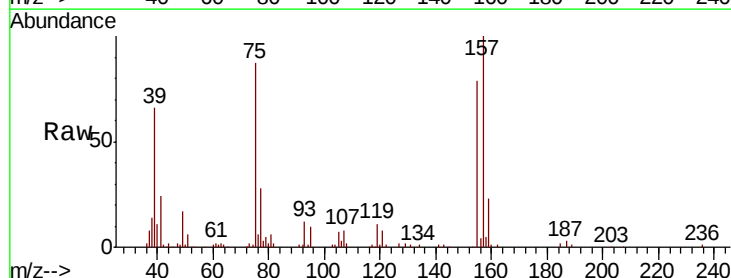
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

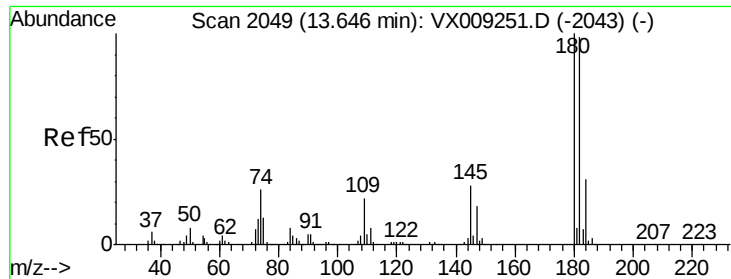
Tgt Ion:146 Resp: 93819
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.8 62.2
 148 64.3 31.4 94.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.031 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009300.D
 Acq: 03 May 2019 09:47

Tgt Ion: 75 Resp: 16682
 Ion Ratio Lower Upper
 75 100
 155 85.0 65.9 98.9
 157 106.4 85.2 127.8

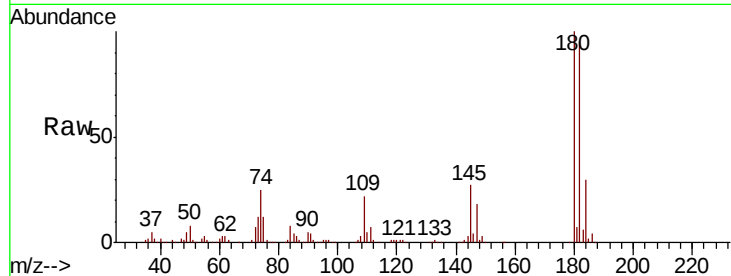




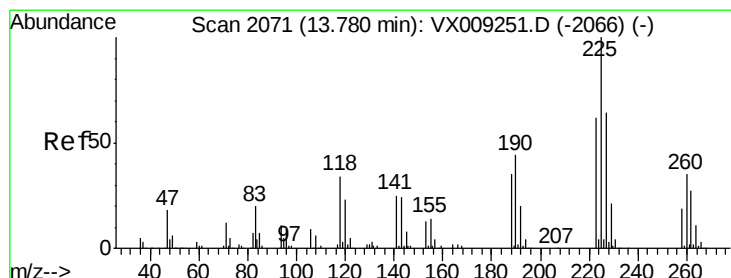
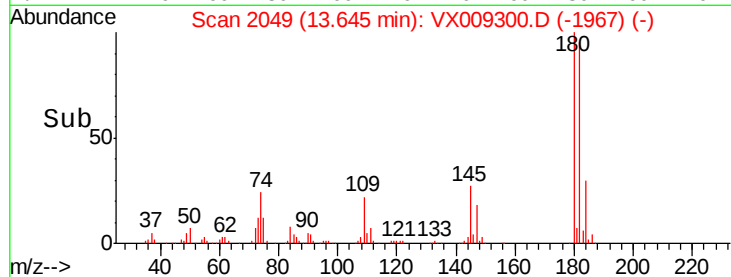
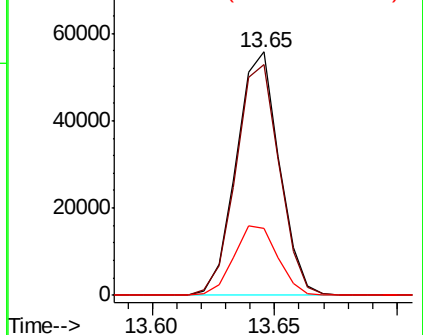
#89
 1,2,4-Trichlorobenzene
 Concen: 20.853 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009300.D
 Acq: 03 May 2019 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion:180 Resp: 67996
 Ion Ratio Lower Upper
 180 100
 182 96.7 76.9 115.3
 145 29.3 23.0 34.6

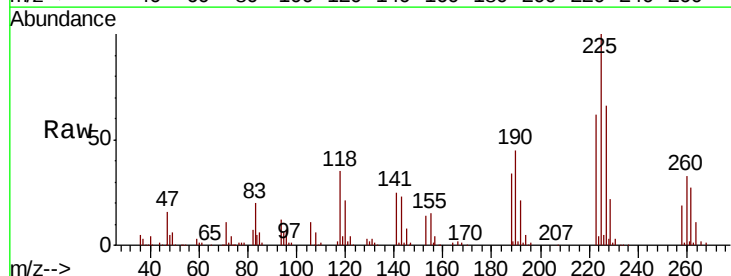


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

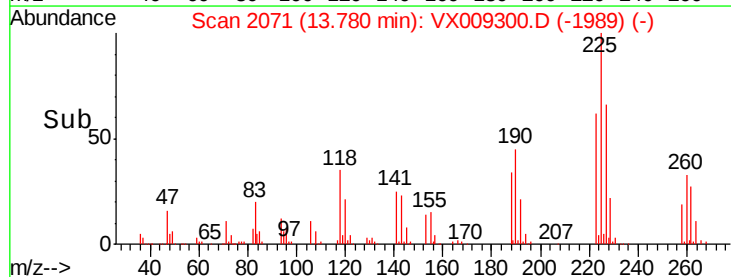
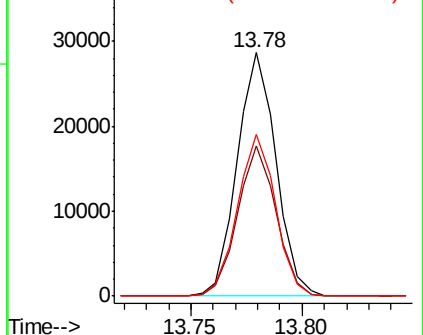


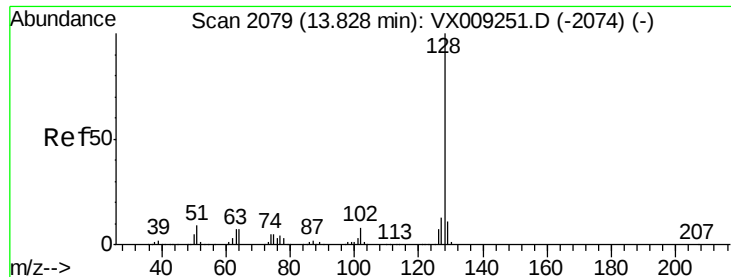
#90
 Hexachlorobutadiene
 Concen: 21.414 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009300.D
 Acq: 03 May 2019 09:47

Tgt Ion:225 Resp: 34878
 Ion Ratio Lower Upper
 225 100
 223 61.1 0.0 126.6
 227 65.3 0.0 130.0



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V

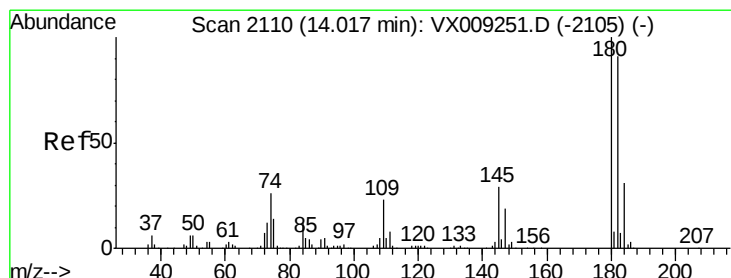
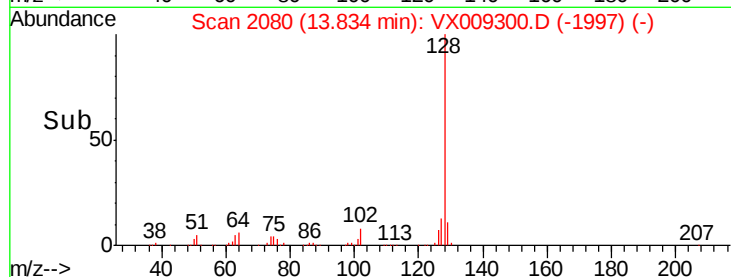
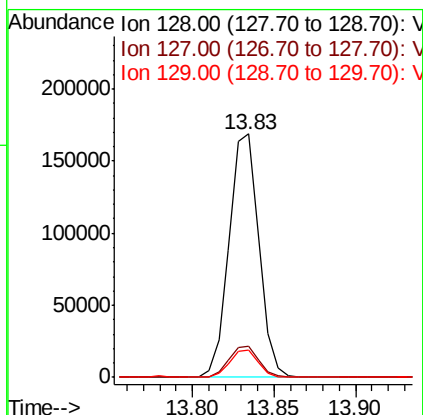
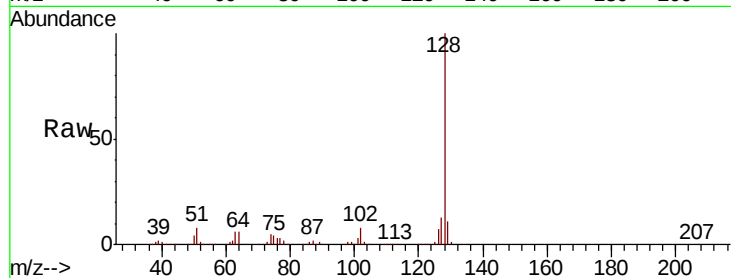




#91
Naphthalene
Concen: 20.068 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX009300.D
Acq: 03 May 2019 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 214245
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.9 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 20.572 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009300.D
Acq: 03 May 2019 09:47

Tgt Ion:180 Resp: 68187
Ion Ratio Lower Upper
180 100
182 96.0 0.0 189.0
145 30.7 0.0 61.6

