

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091619\
 Data File : VX012404.D
 Acq On : 16 Sep 2019 13:11
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Sep 17 04:19:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 04:04:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	122837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	196126	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	186686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	109473	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	45709	30.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.90%	
35) Dibromofluoromethane	5.49	113	33351	23.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	47.76%	
50) Toluene-d8	8.71	98	122689	25.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	50.22%	
62) 4-Bromofluorobenzene	11.13	95	47297	24.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	48.22%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	23329	20.470	ug/l	100
3) Chloromethane	1.32	50	19315	19.153	ug/l	100
4) Vinyl Chloride	1.40	62	20696	20.260	ug/l	99
5) Bromomethane	1.63	94	10471	19.677	ug/l	96
6) Chloroethane	1.72	64	13771	22.871	ug/l	92
7) Trichlorofluoromethane	1.92	101	38956	23.236	ug/l	99
8) Diethyl Ether	2.18	74	15747	26.391	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	27833	26.151	ug/l	99
10) Methyl Iodide	2.50	142	23619	19.259	ug/l	99
11) Tert butyl alcohol	3.03	59	62591	194.327	ug/l	97
12) 1,1-Dichloroethene	2.36	96	21583	21.492	ug/l	94
13) Acrolein	2.28	56	26314	200.807	ug/l	100
14) Allyl chloride	2.72	41	49506	29.415	ug/l	100
15) Acrylonitrile	3.13	53	102649	159.510	ug/l	99
16) Acetone	2.43	43	105943	168.574	ug/l	96
17) Carbon Disulfide	2.56	76	29601	12.904	ug/l	99
18) Methyl Acetate	2.76	43	48382	29.664	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	114710	31.963	ug/l	96
20) Methylene Chloride	2.85	84	28621	24.459	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	23537	22.016	ug/l	98
22) Diisopropyl ether	3.85	45	112007	32.647	ug/l	97
23) Vinyl Acetate	3.80	43	473475	165.809	ug/l	98
24) 1,1-Dichloroethane	3.69	63	56841	29.525	ug/l	99
25) 2-Butanone	4.66	43	156983	170.869	ug/l	97
26) 2,2-Dichloropropane	4.57	77	53609	31.686	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	34015	26.318	ug/l	98
28) Bromochloromethane	5.00	49	27608	30.992	ug/l	98
29) Tetrahydrofuran	5.12	42	92739	162.321	ug/l	99
30) Chloroform	5.20	83	63526	29.990	ug/l	96
31) Cyclohexane	5.57	56	34486	22.021	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	54925	30.064	ug/l	99
36) 1,1-Dichloropropene	5.79	75	34921	21.927	ug/l	99
37) Ethyl Acetate	4.83	43	55629	30.310	ug/l	98
38) Carbon Tetrachloride	5.77	117	43865	23.661	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	35451	18.751	ug/l	97
40) Benzene	6.14	78	113188	22.696	ug/l	99
41) Methacrylonitrile	5.03	41	31656	29.169	ug/l	96
42) 1,2-Dichloroethane	6.18	62	50886	26.805	ug/l	100
43) Isopropyl Acetate	6.43	43	92067	30.481	ug/l	99
44) Trichloroethene	7.21	130	29991	20.085	ug/l	98
45) 1,2-Dichloropropane	7.51	63	33692	26.142	ug/l	94
46) Dibromomethane	7.65	93	22067	23.613	ug/l	99
47) Bromodichloromethane	7.89	83	49141	27.802	ug/l	99
48) Methyl methacrylate	7.76	41	42941	29.051	ug/l	98
49) 1,4-Dioxane	7.73	88	21685	540.508	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	306750	153.987	ug/l	99
52) Toluene	8.78	92	73055	22.696	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	50612	27.400	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	53725	27.024	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	36278	26.077	ug/l	98
56) Ethyl methacrylate	9.17	69	54774	27.309	ug/l	99
57) 1,3-Dichloropropane	9.37	76	59357	26.112	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	151081	142.037	ug/l	99
59) 2-Hexanone	9.49	43	232999	152.953	ug/l	99
60) Dibromochloromethane	9.58	129	38650	25.602	ug/l	99
61) 1,2-Dibromoethane	9.67	107	33711	23.219	ug/l	97
64) Tetrachloroethene	9.33	164	24935	17.265	ug/l	96
65) Chlorobenzene	10.14	112	83685	21.906	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	36264	24.789	ug/l	98
67) Ethyl Benzene	10.25	91	144668	22.736	ug/l	95
68) m/p-Xylenes	10.35	106	107417	44.328	ug/l	99
69) o-Xylene	10.70	106	55988	23.233	ug/l	99
70) Styrene	10.71	104	96321	23.599	ug/l	98
71) Bromoform	10.85	173	27039	21.898	ug/l #	100
73) Isopropylbenzene	11.01	105	153813	22.425	ug/l	100
74) N-amyl acetate	10.89	43	78196	27.400	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	61129	25.787	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	68963	32.544	ug/l	90
77) Bromobenzene	11.25	156	38039	19.241	ug/l	99
78) n-propylbenzene	11.35	91	171893	23.288	ug/l	99
79) 2-Chlorotoluene	11.42	91	109789	23.714	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	134119	23.304	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	17974	25.349	ug/l	97
82) 4-Chlorotoluene	11.51	91	127671	23.816	ug/l	99
83) tert-Butylbenzene	11.77	119	140908	24.526	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	135888	23.325	ug/l	98
85) sec-Butylbenzene	11.94	105	157377	23.929	ug/l	100
86) p-Isopropyltoluene	12.06	119	145172	23.225	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	71653	20.914	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	71971	20.655	ug/l	98
89) n-Butylbenzene	12.38	91	124116	23.640	ug/l	98
90) Hexachloroethane	12.59	117	26190	25.797	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	74914	21.481	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	15739	27.728	ug/l	97

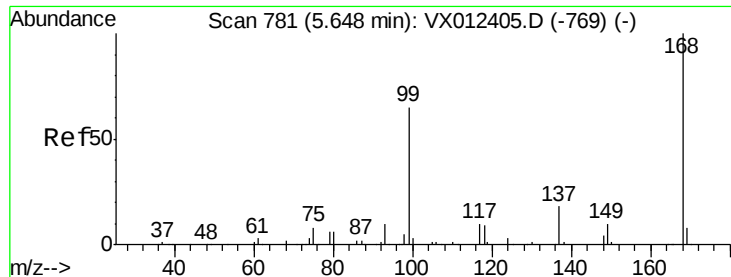
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QLast Update : Tue Sep 17 04:04:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	49249	19.607	ug/l	96
94) Hexachlorobutadiene	13.78	225	23313	17.103	ug/l	98
95) Naphthalene	13.83	128	171161	23.422	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	49735	19.623	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

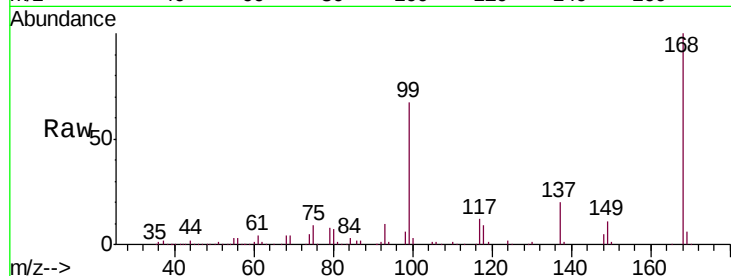
VSTDIC020

Tgt Ion:168 Resp: 122837

Ion Ratio Lower Upper

168 100

99 67.4 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

40000

30000

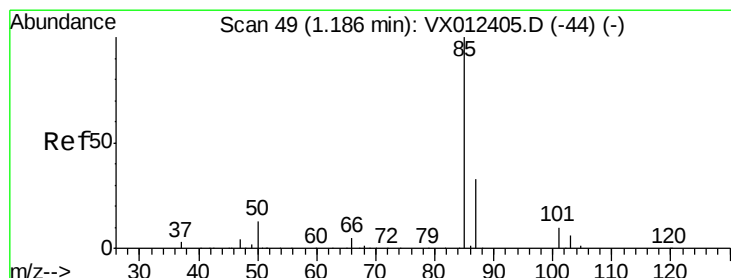
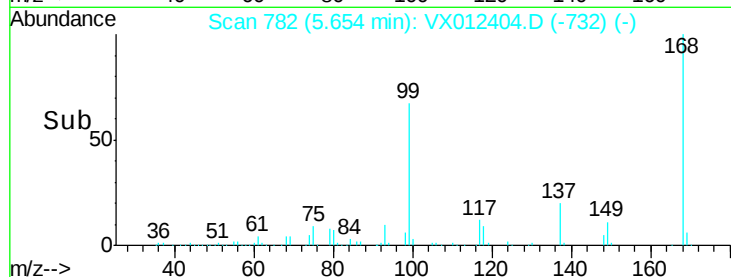
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.470 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012404.D

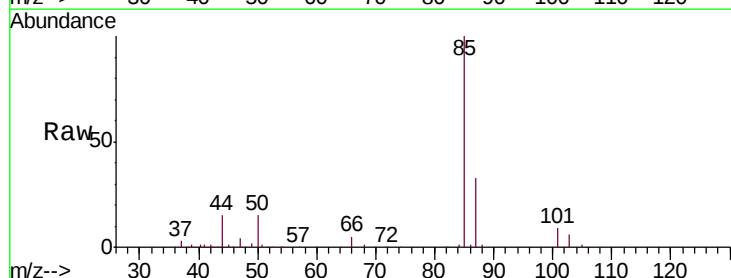
Acq: 16 Sep 2019 13:11

Tgt Ion: 85 Resp: 23329

Ion Ratio Lower Upper

85 100

87 33.1 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

25000

20000

15000

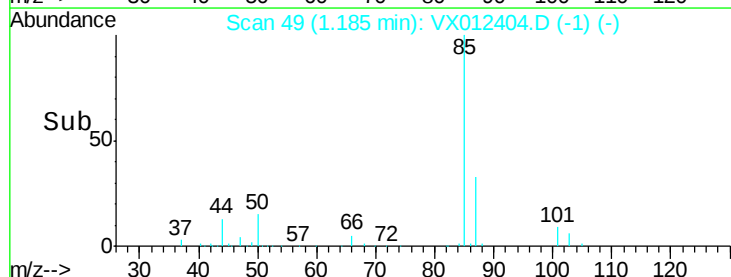
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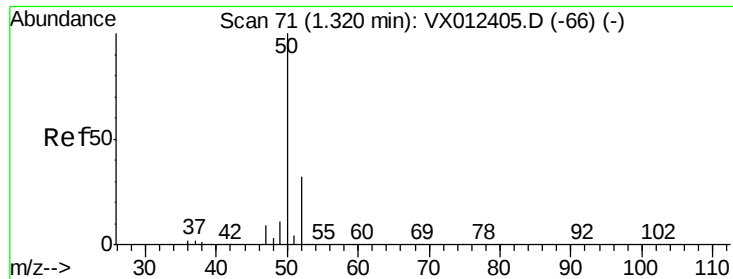
5000

0

Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.153 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

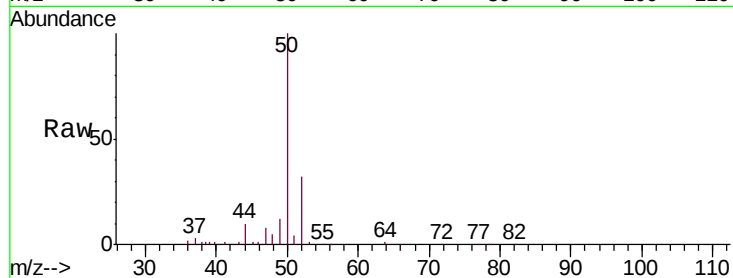
VSTDIC020

Tgt Ion: 50 Resp: 19315

Ion Ratio Lower Upper

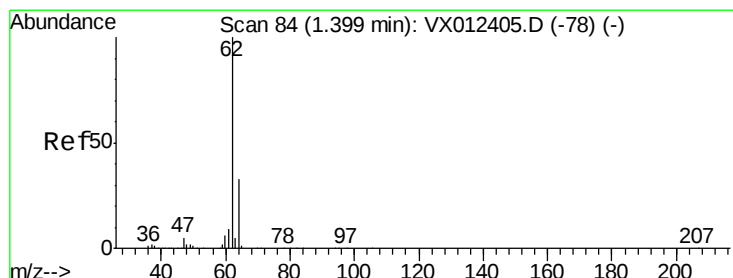
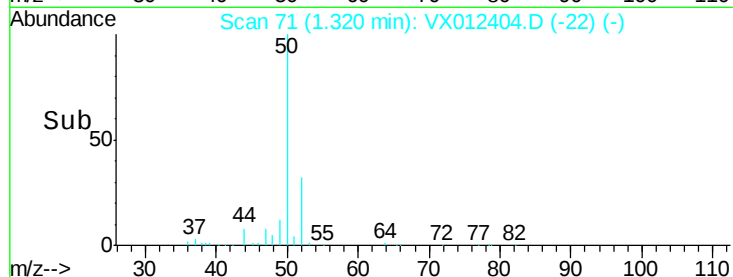
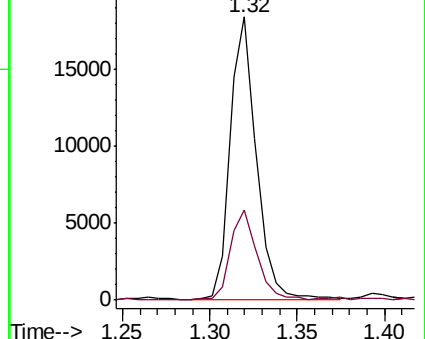
50 100

52 32.0 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.260 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012404.D

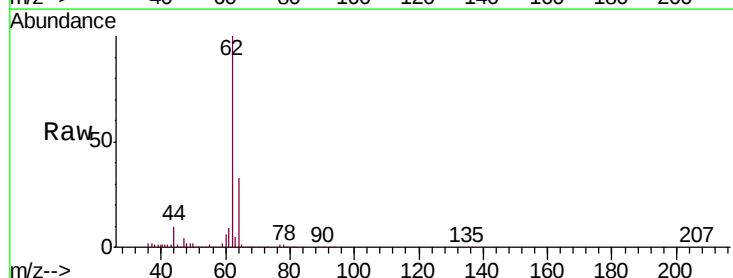
Acq: 16 Sep 2019 13:11

Tgt Ion: 62 Resp: 20696

Ion Ratio Lower Upper

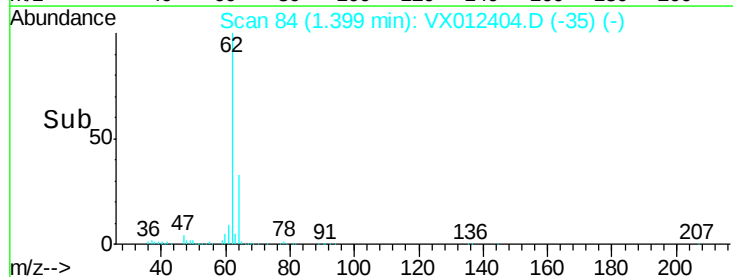
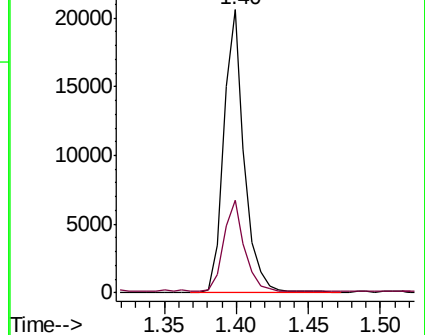
62 100

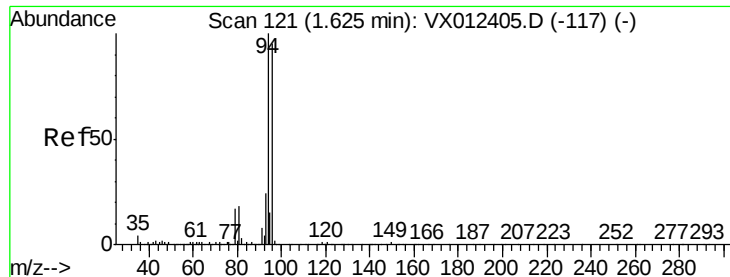
64 32.1 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.677 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

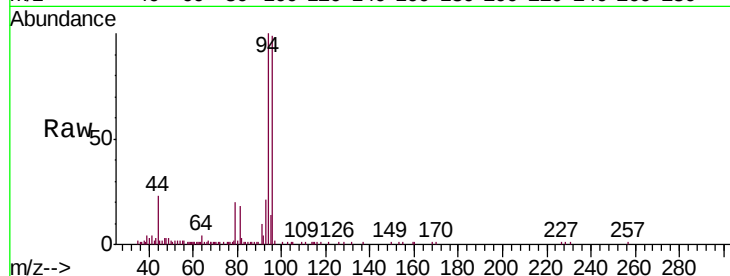
VSTDIC020

Tgt Ion: 94 Resp: 10471

Ion Ratio Lower Upper

94 100

96 98.4 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

10000

8000

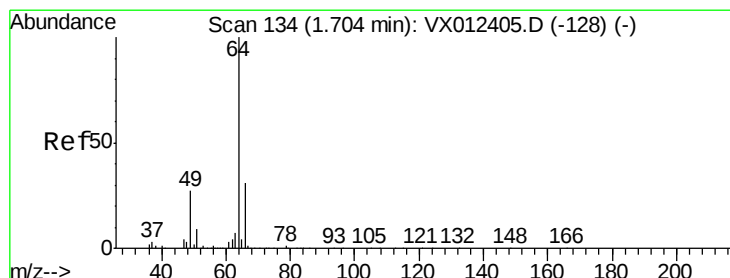
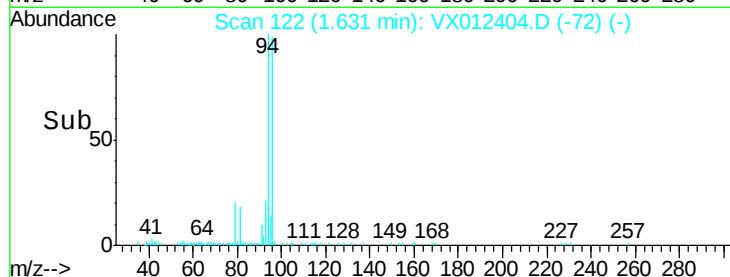
6000

4000

2000

0

Time-->



#6

Chloroethane

Concen: 22.871 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012404.D

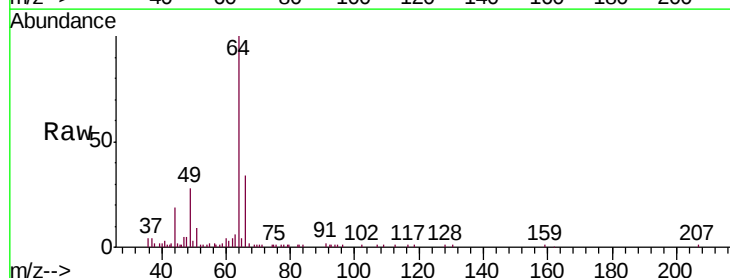
Acq: 16 Sep 2019 13:11

Tgt Ion: 64 Resp: 13771

Ion Ratio Lower Upper

64 100

66 35.4 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

12000

10000

8000

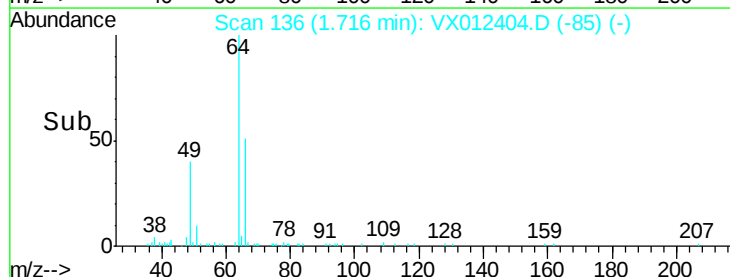
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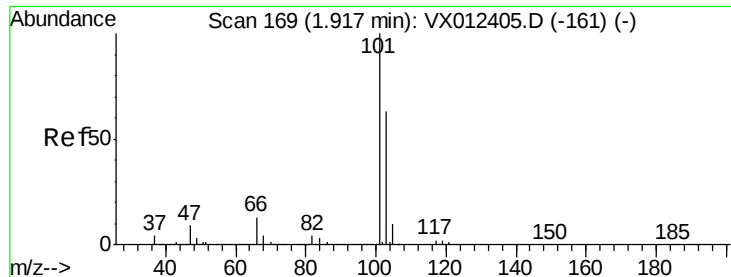
4000

2000

0

Time-->



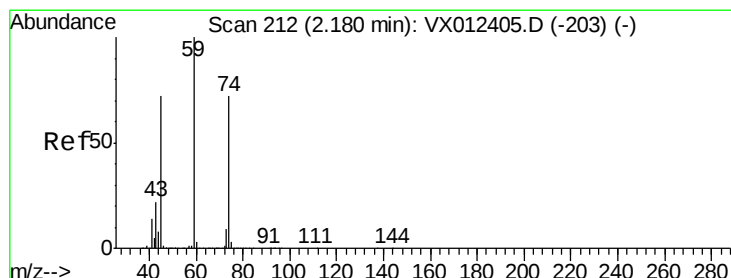
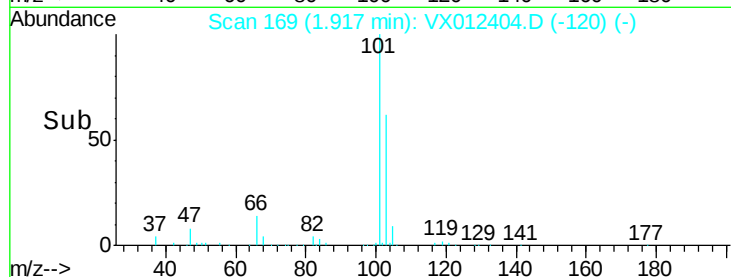
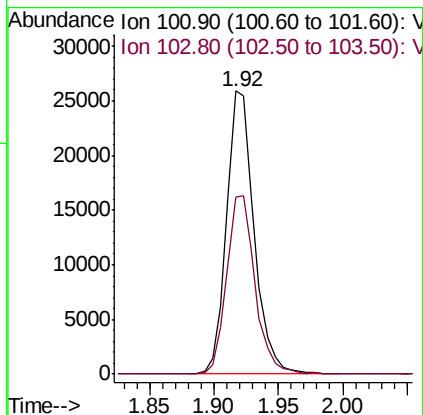
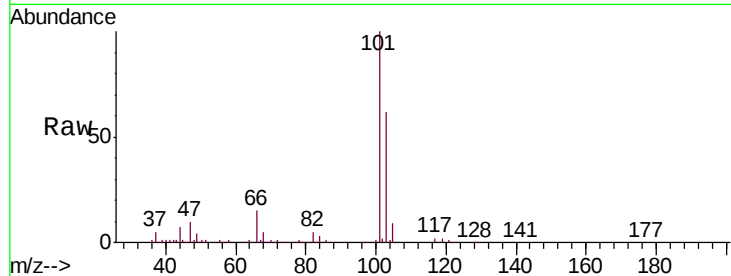


#7

Trichlorofluoromethane
 Concen: 23.236 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012404.D
 Acq: 16 Sep 2019 13:11

Instrument :
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 ClientSampleId :
 VSTDIC020

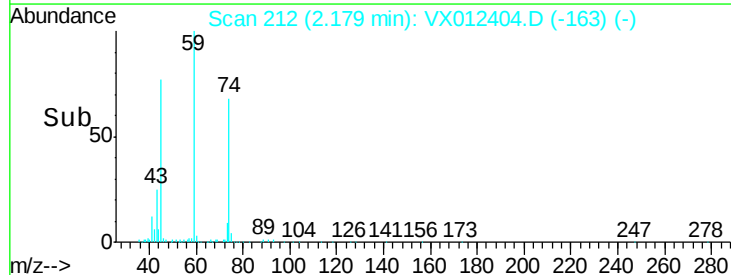
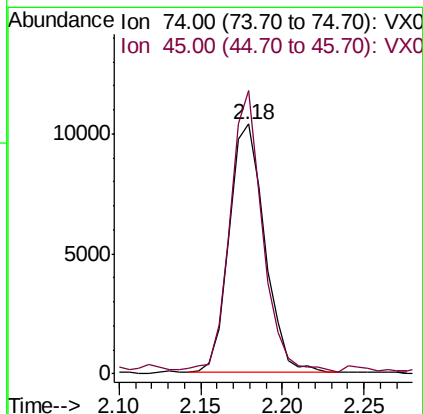
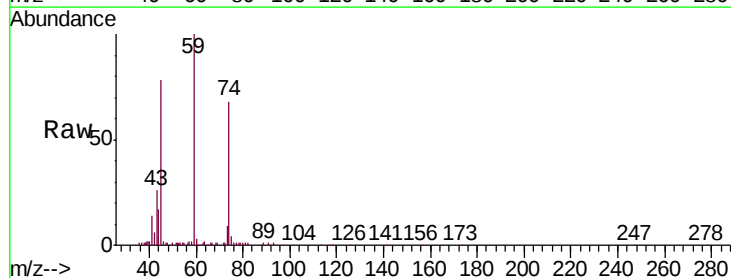
Tgt Ion:101 Resp: 38956
 Ion Ratio Lower Upper
 101 100
 103 62.4 50.5 75.7

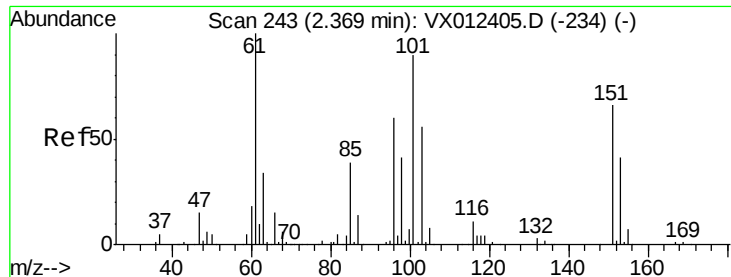


#8

Diethyl Ether
 Concen: 26.391 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX012404.D
 Acq: 16 Sep 2019 13:11

Tgt Ion: 74 Resp: 15747
 Ion Ratio Lower Upper
 74 100
 45 103.5 50.6 151.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 26.151 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

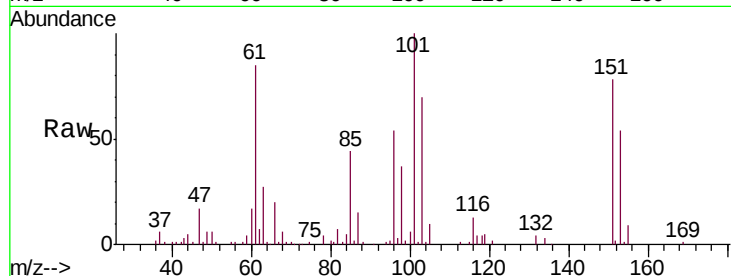
Tgt Ion:101 Resp: 27833

Ion Ratio Lower Upper

101 100

85 45.8 36.3 54.5

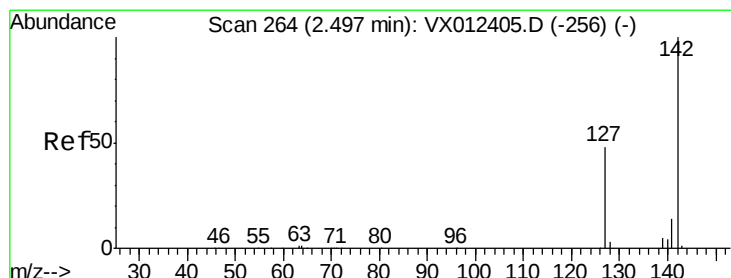
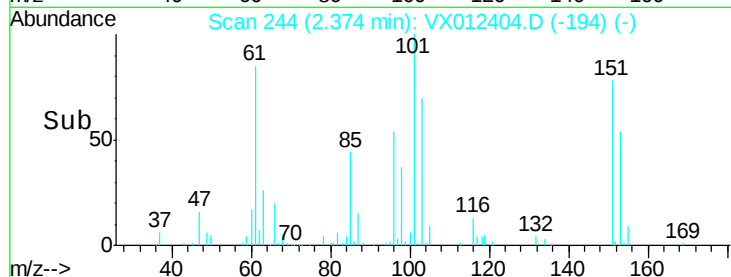
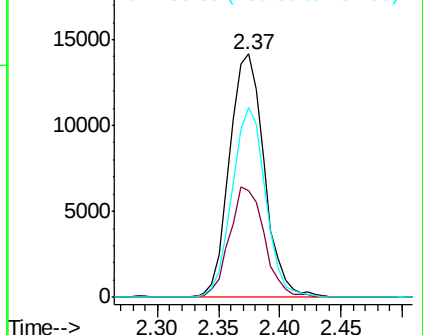
151 75.4 61.1 91.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.259 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

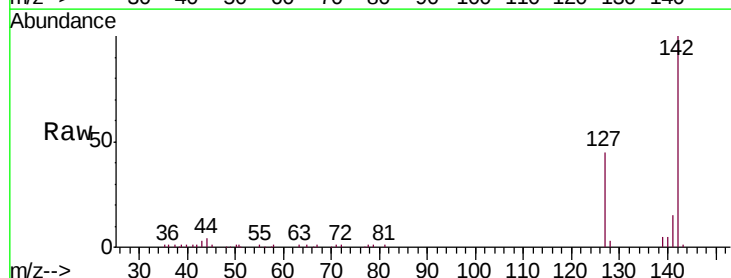
Tgt Ion:142 Resp: 23619

Ion Ratio Lower Upper

142 100

127 50.0 39.6 59.4

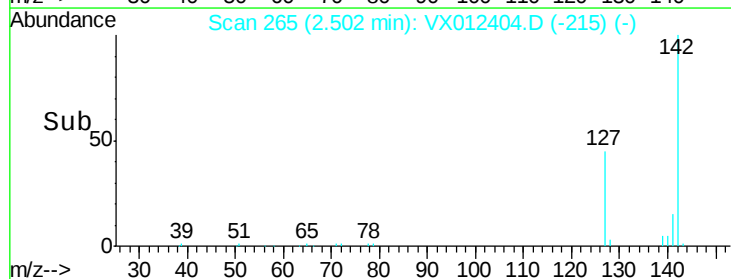
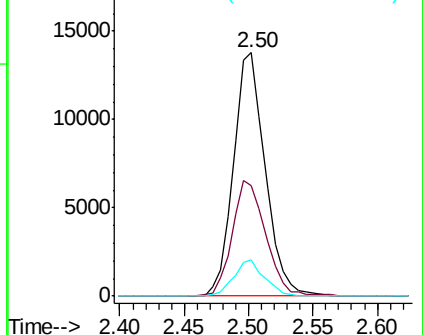
141 14.3 11.6 17.4

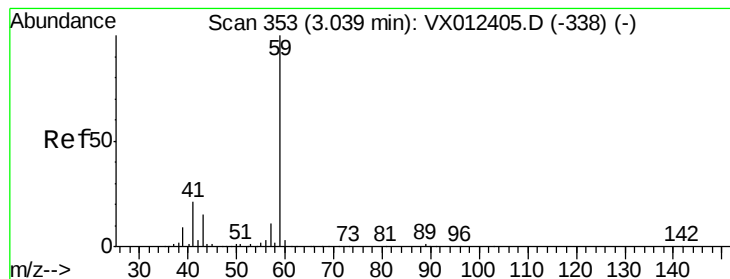


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



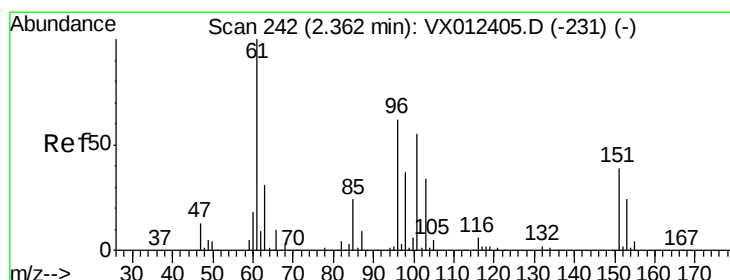
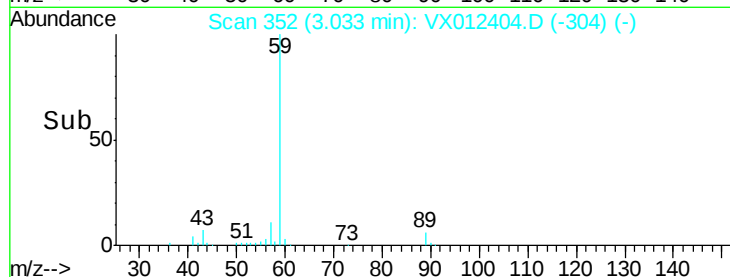
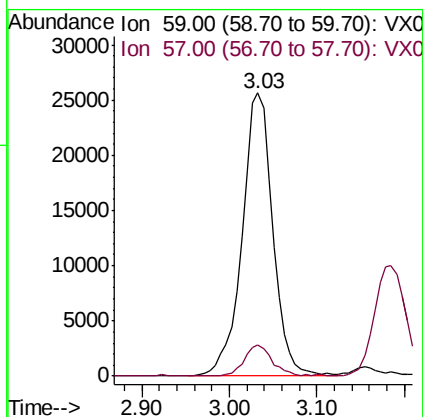
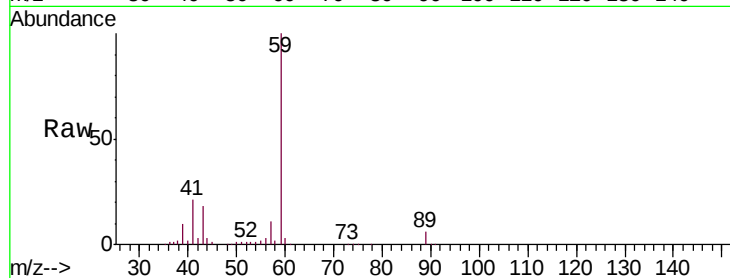


#11

Tert butyl alcohol
 Concen: 194.327 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012404.D
 Acq: 16 Sep 2019 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

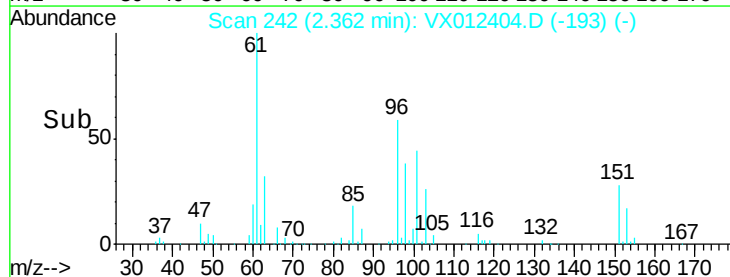
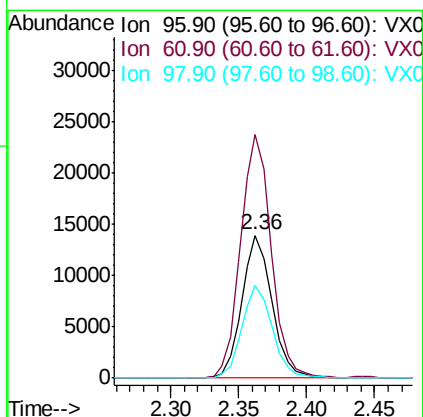
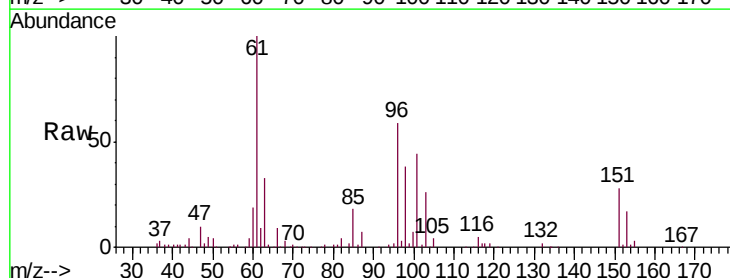
Tgt Ion: 59 Resp: 62591
 Ion Ratio Lower Upper
 59 100
 57 9.5 8.6 12.8

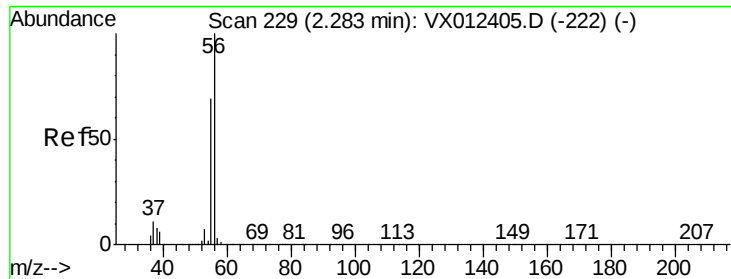


#12

1,1-Dichloroethene
 Concen: 21.492 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX012404.D
 Acq: 16 Sep 2019 13:11

Tgt Ion: 96 Resp: 21583
 Ion Ratio Lower Upper
 96 100
 61 170.3 129.8 194.6
 98 64.6 48.5 72.7





#13

Acrolein

Concen: 200.807 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

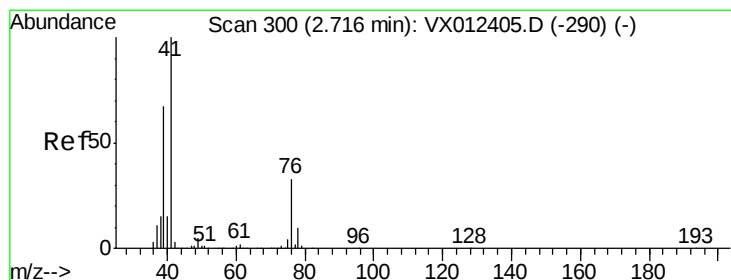
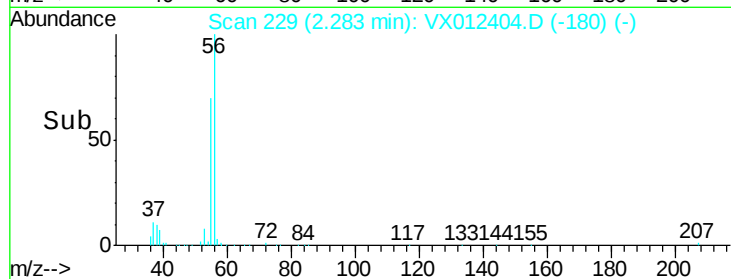
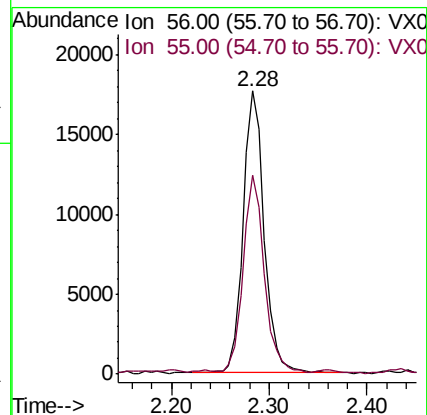
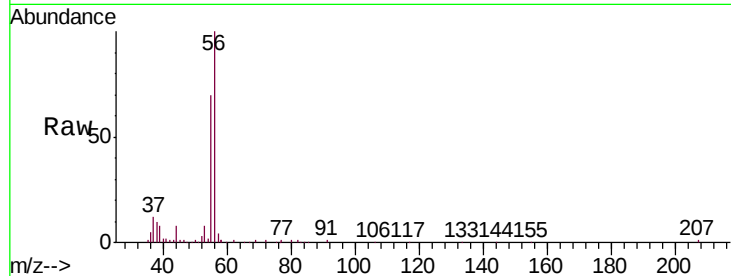
VSTDIC020

Tgt Ion: 56 Resp: 26314

Ion Ratio Lower Upper

56 100

55 69.8 56.1 84.1



#14

Allyl chloride

Concen: 29.415 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

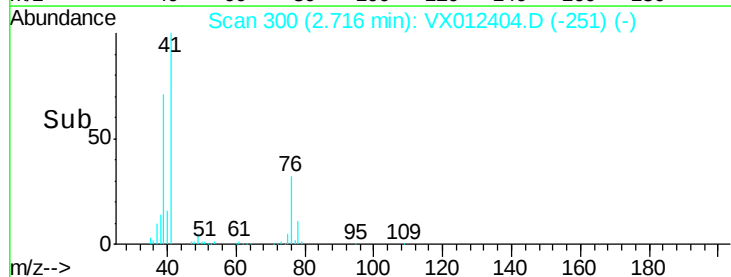
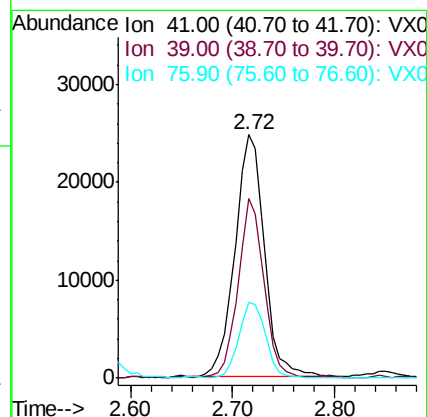
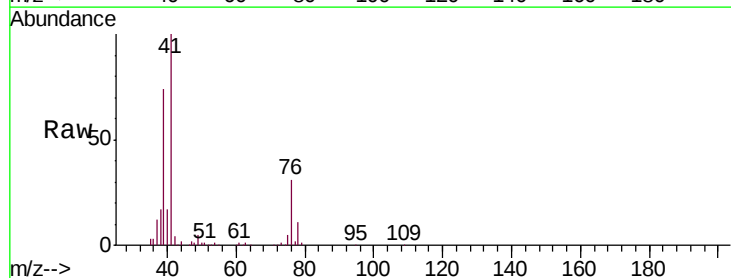
Tgt Ion: 41 Resp: 49506

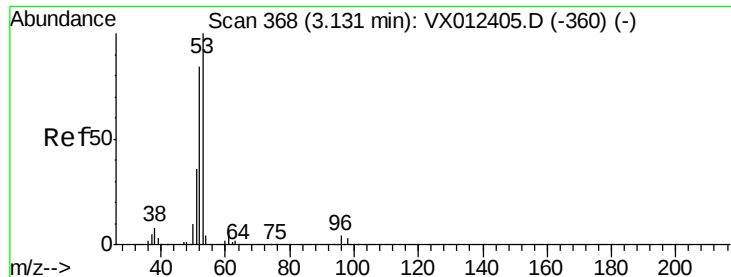
Ion Ratio Lower Upper

41 100

39 63.9 51.1 76.7

76 28.5 23.4 35.2





#15

Acrylonitrile

Concen: 159.510 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

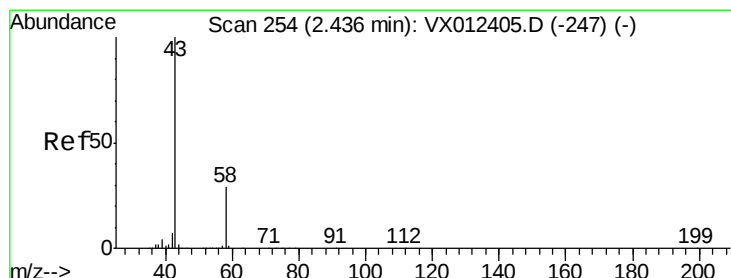
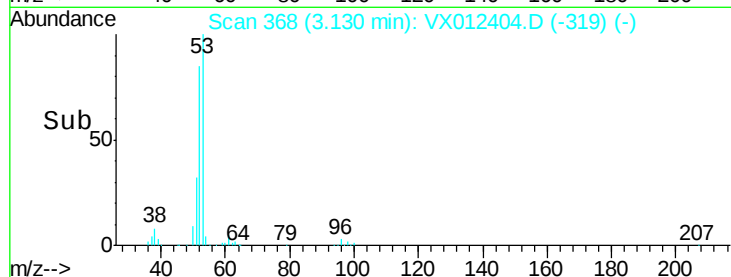
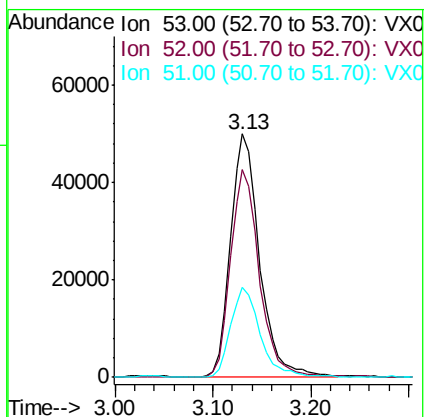
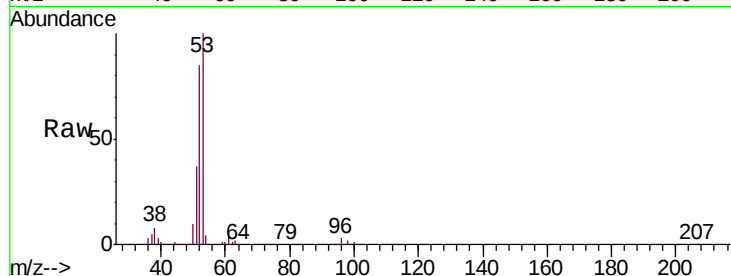
Tgt Ion: 53 Resp: 102649

Ion Ratio Lower Upper

53 100

52 85.2 67.4 101.2

51 38.4 29.8 44.6



#16

Acetone

Concen: 168.574 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012404.D

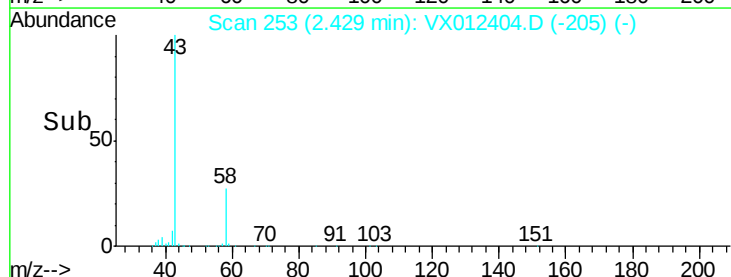
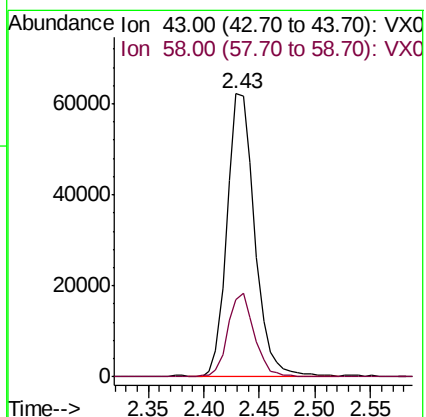
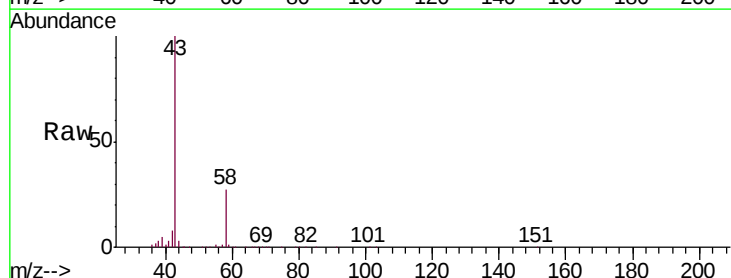
Acq: 16 Sep 2019 13:11

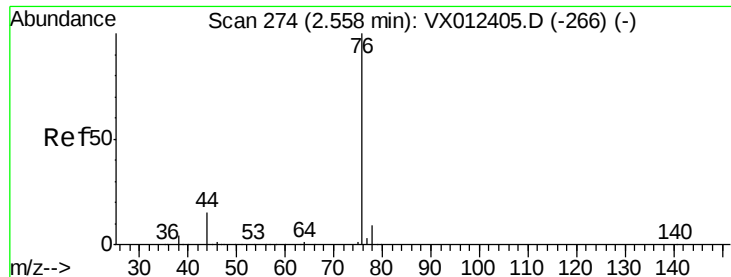
Tgt Ion: 43 Resp: 105943

Ion Ratio Lower Upper

43 100

58 27.3 23.5 35.3





#17

Carbon Disulfide

Concen: 12.904 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

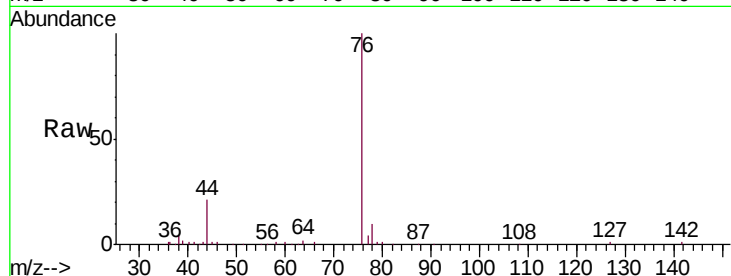
VSTDIC020

Tgt Ion: 76 Resp: 29601

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

20000

15000

10000

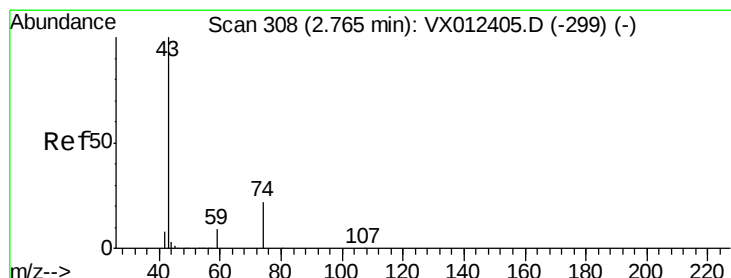
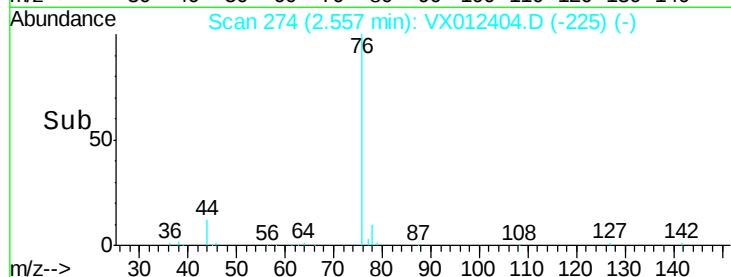
5000

0

Time-->

2.45 2.50 2.55 2.60 2.65

2.56



#18

Methyl Acetate

Concen: 29.664 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX012404.D

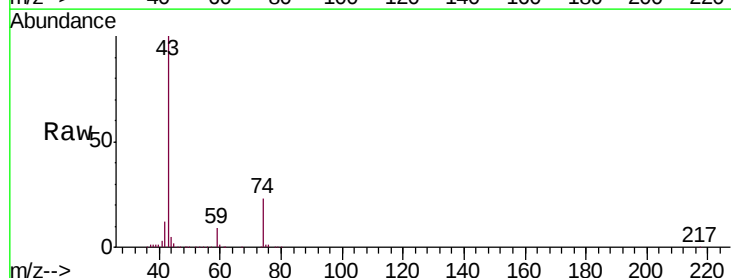
Acq: 16 Sep 2019 13:11

Tgt Ion: 43 Resp: 48382

Ion Ratio Lower Upper

43 100

74 23.0 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

30000

25000

20000

15000

10000

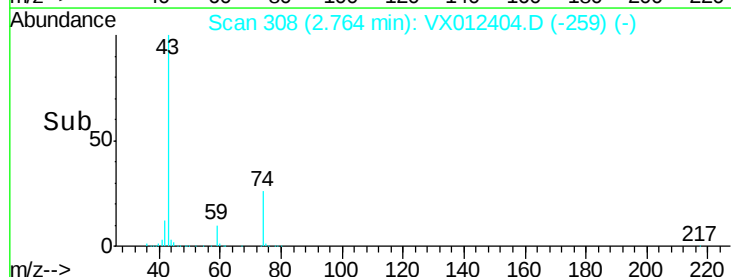
5000

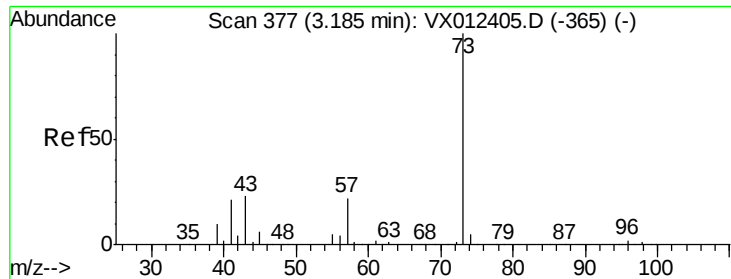
0

Time-->

2.70 2.80 2.90

2.76

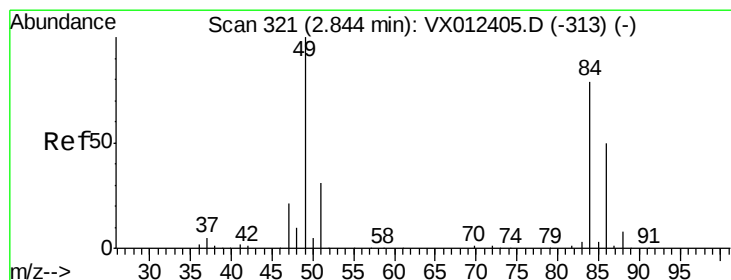
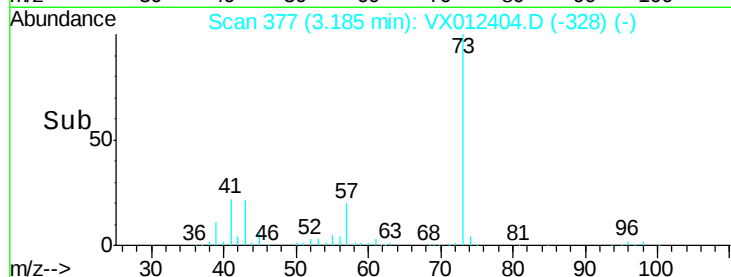
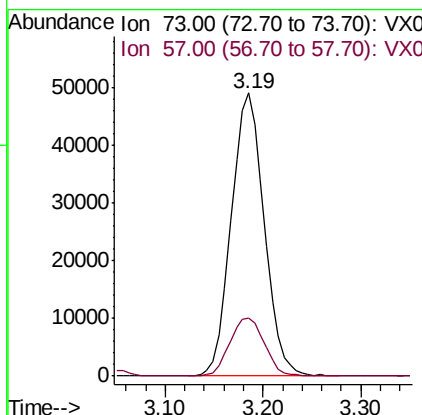
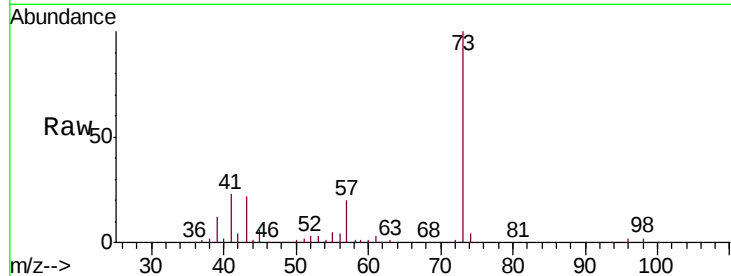




#19
Methyl tert-butyl Ether
Concen: 31.963 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012404.D
Acq: 16 Sep 2019 13:11

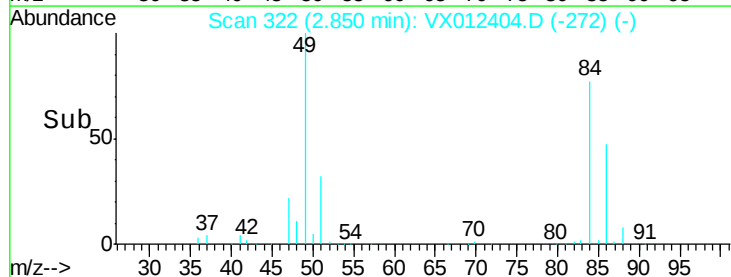
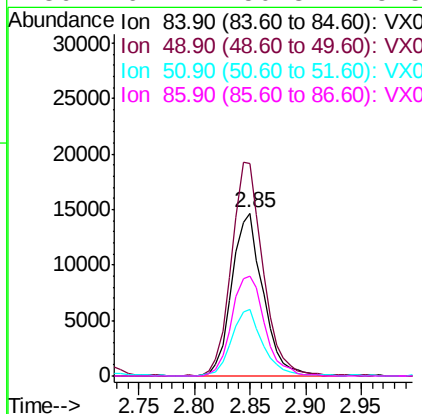
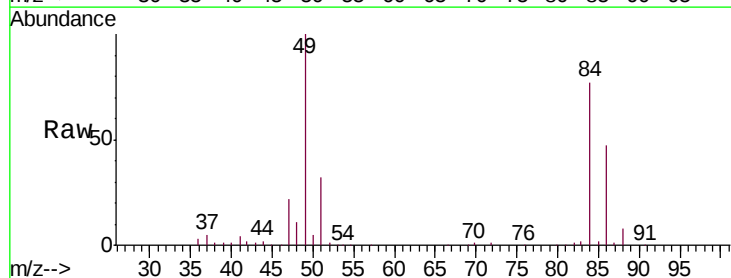
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

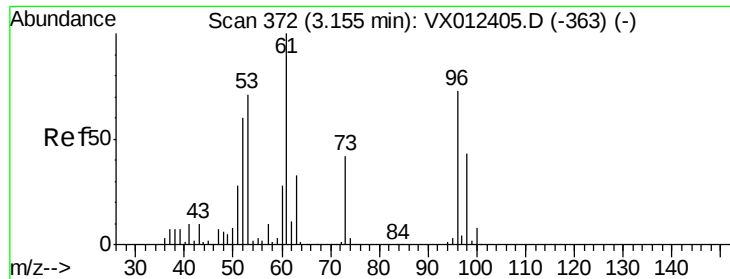
Tgt Ion: 73 Resp: 114710
Ion Ratio Lower Upper
73 100
57 20.3 17.8 26.6



#20
Methylene Chloride
Concen: 24.459 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012404.D
Acq: 16 Sep 2019 13:11

Tgt Ion: 84 Resp: 28621
Ion Ratio Lower Upper
84 100
49 129.6 101.7 152.5
51 41.3 31.2 46.8
86 61.4 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 22.016 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

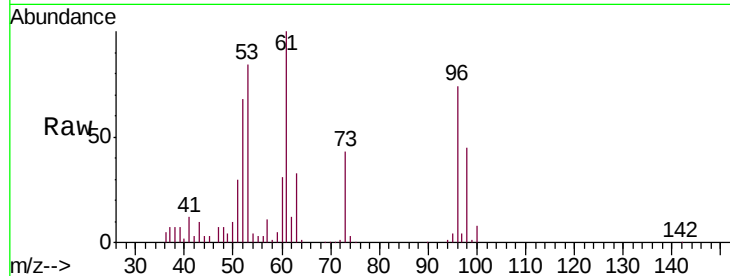
Tgt Ion: 96 Resp: 23537

Ion Ratio Lower Upper

96 100

61 135.5 109.7 164.5

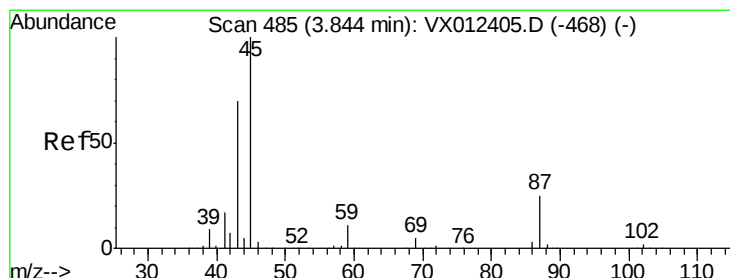
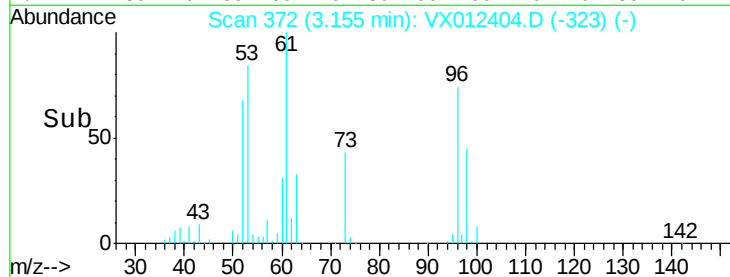
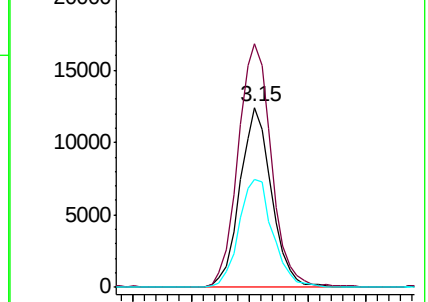
98 60.3 47.0 70.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 32.647 ug/l

RT: 3.85 min Scan# 486

Delta R.T. 0.01 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

Tgt Ion: 45 Resp: 112007

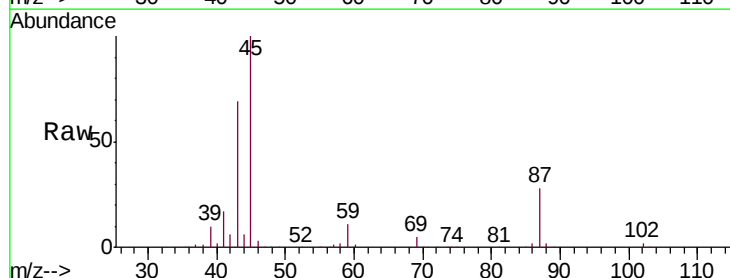
Ion Ratio Lower Upper

45 100

43 68.5 55.8 83.8

87 28.0 20.0 30.0

59 11.0 8.4 12.6

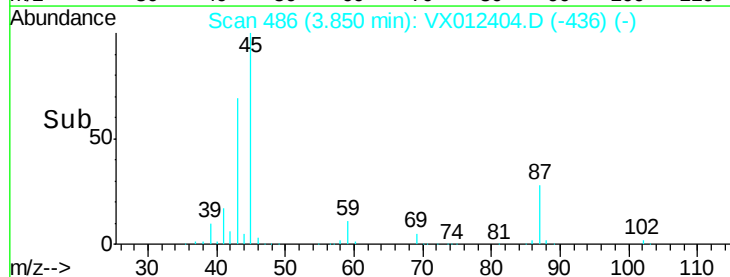
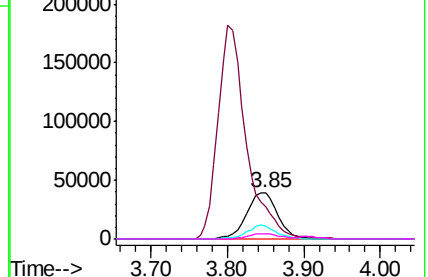


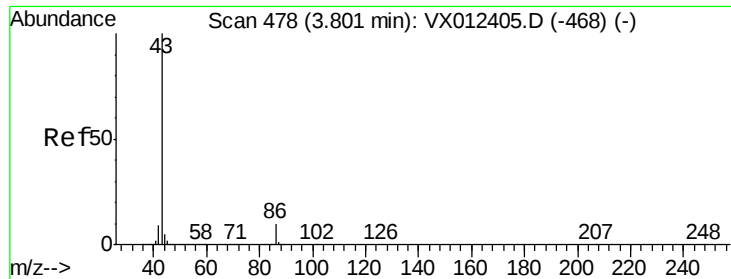
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 165.809 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

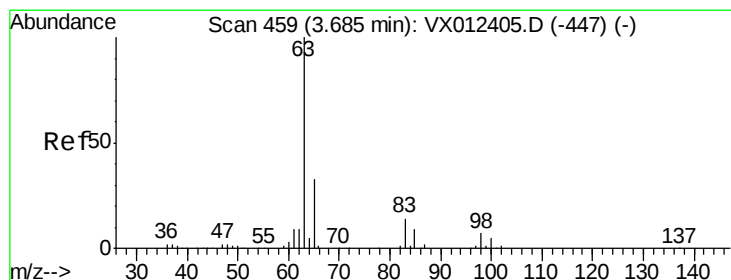
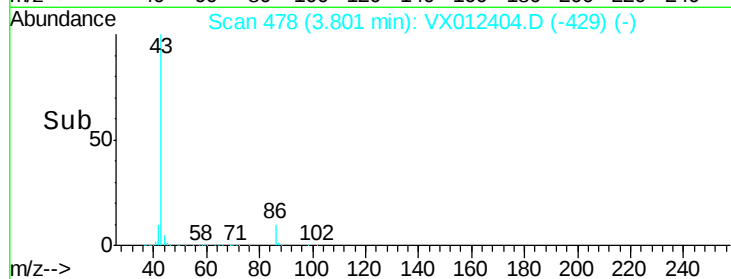
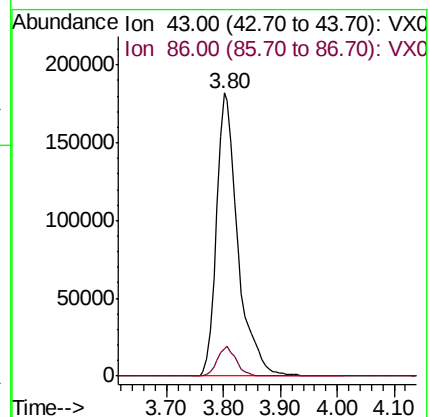
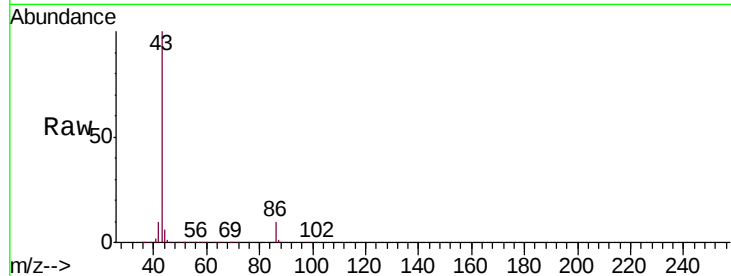
VSTDIC020

Tgt Ion: 43 Resp: 473475

Ion Ratio Lower Upper

43 100

86 9.8 8.3 12.5



#24

1,1-Dichloroethane

Concen: 29.525 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

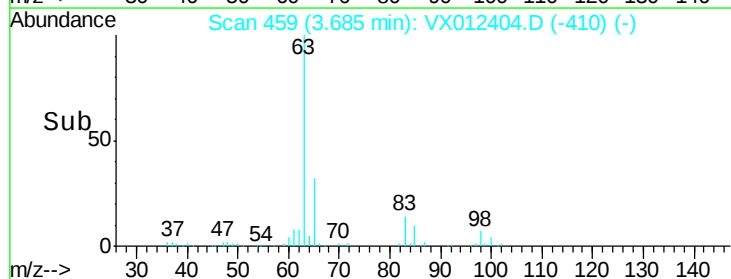
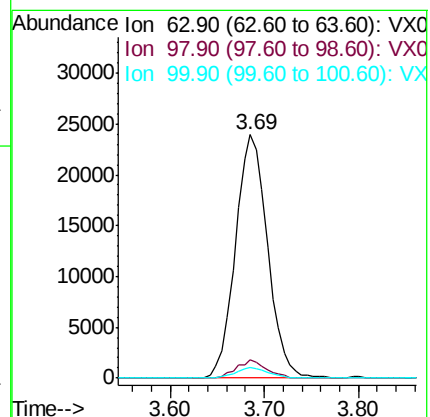
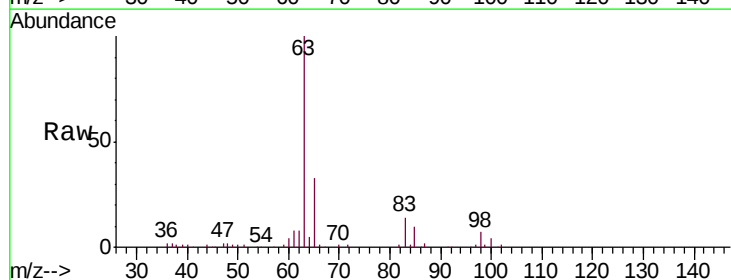
Tgt Ion: 63 Resp: 56841

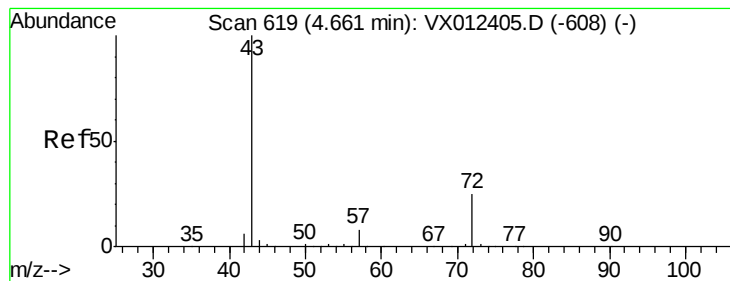
Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.6

100 4.5 2.5 7.5





#25

2-Butanone

Concen: 170.869 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

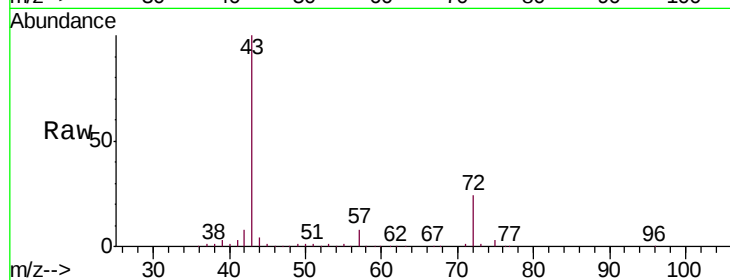
VSTDIC020

Tgt Ion: 43 Resp: 156983

Ion Ratio Lower Upper

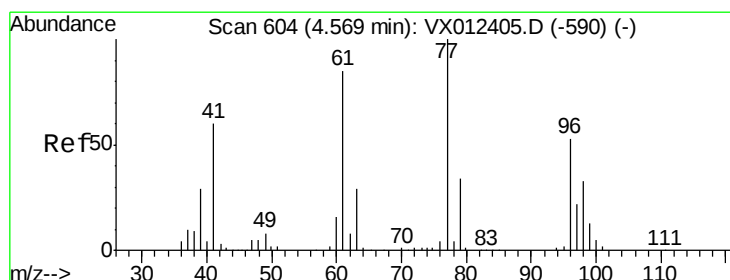
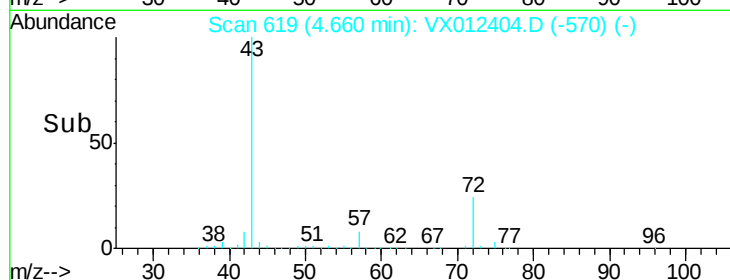
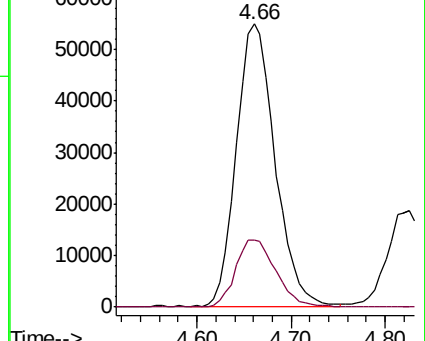
43 100

72 23.4 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 31.686 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012404.D

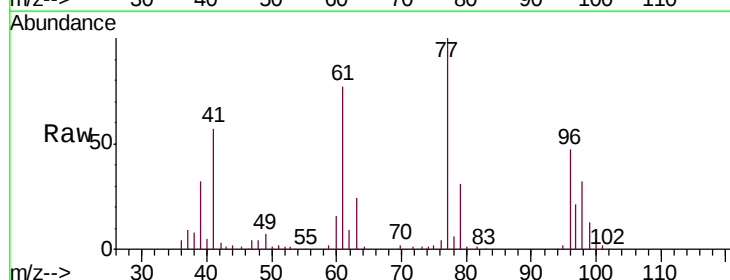
Acq: 16 Sep 2019 13:11

Tgt Ion: 77 Resp: 53609

Ion Ratio Lower Upper

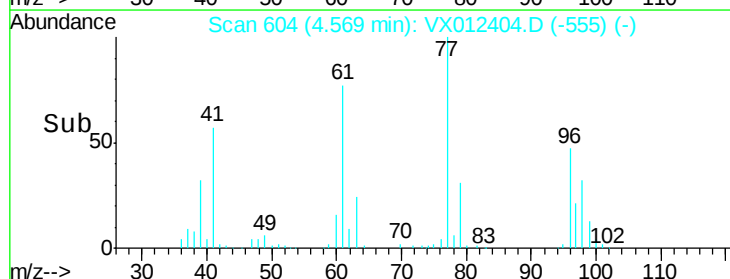
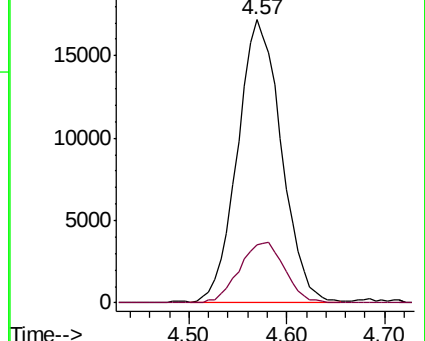
77 100

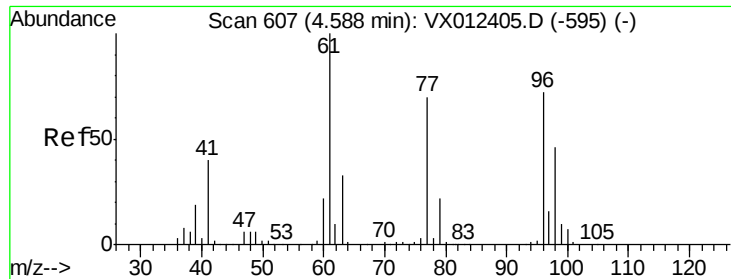
97 22.0 10.7 32.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



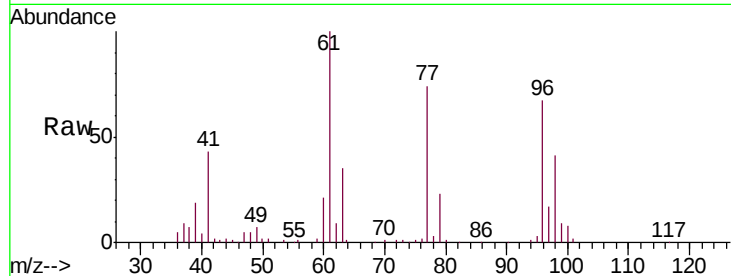


#27

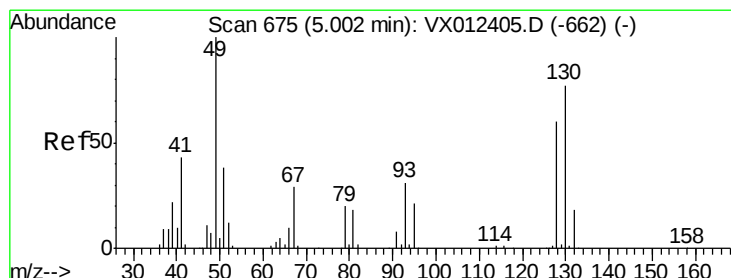
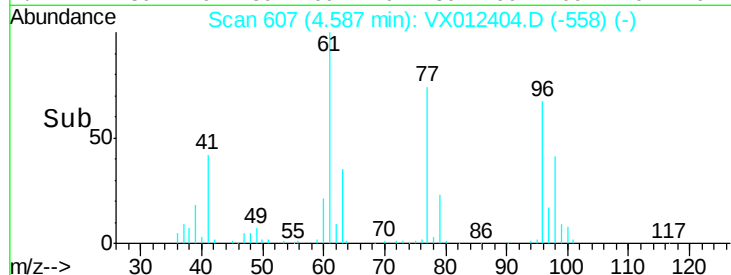
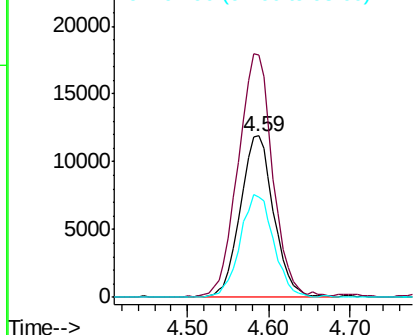
cis-1,2-Dichloroethene
 Concen: 26.318 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VX012404.D
 Acq: 16 Sep 2019 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 34015
 Ion Ratio Lower Upper
 96 100
 61 156.2 0.0 307.6
 98 63.3 0.0 129.8



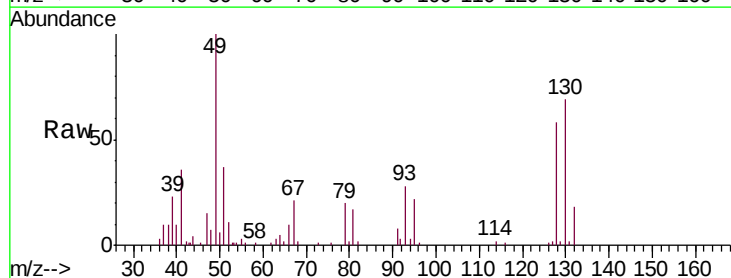
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



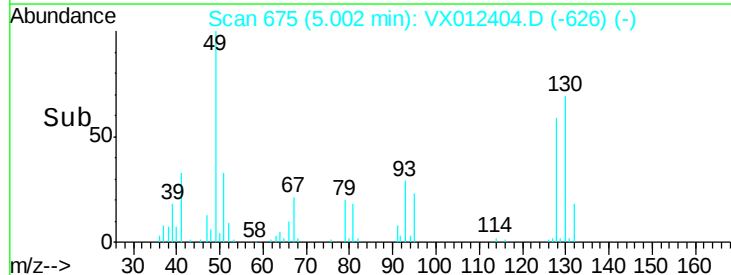
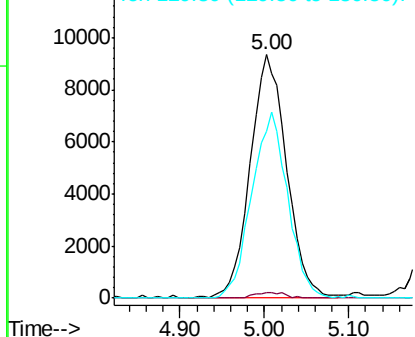
#28

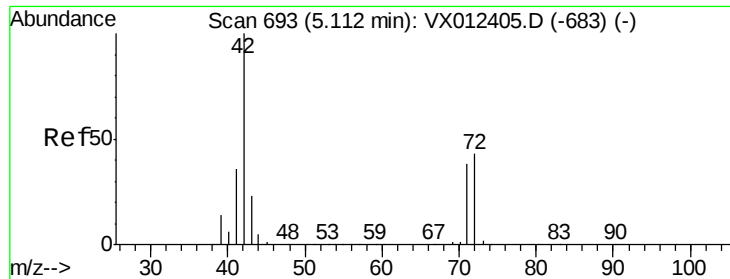
Bromochloromethane
 Concen: 30.992 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VX012404.D
 Acq: 16 Sep 2019 13:11

Tgt Ion: 49 Resp: 27608
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 75.1 61.3 91.9



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

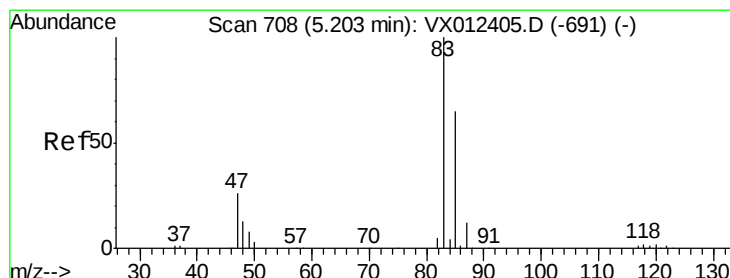
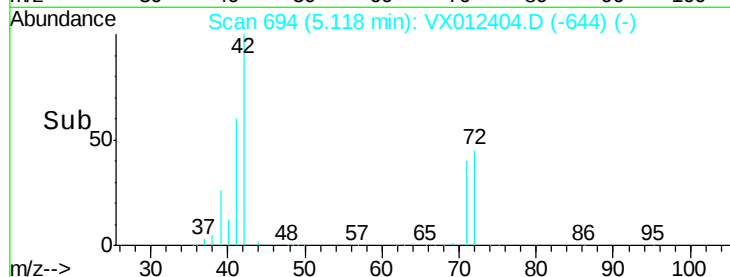
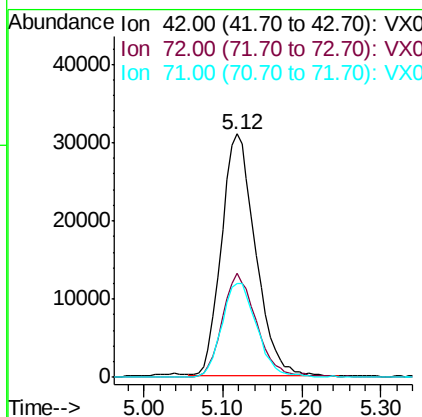
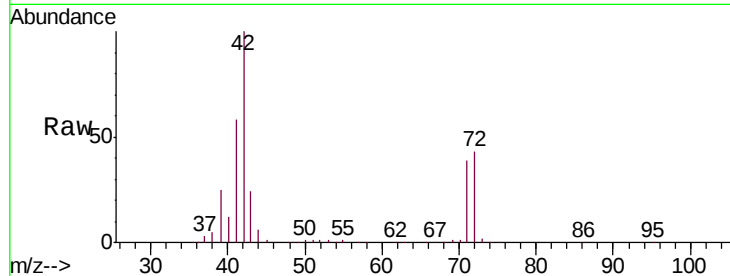




#29
Tetrahydrofuran
Concen: 162.321 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012404.D
Acq: 16 Sep 2019 13:11

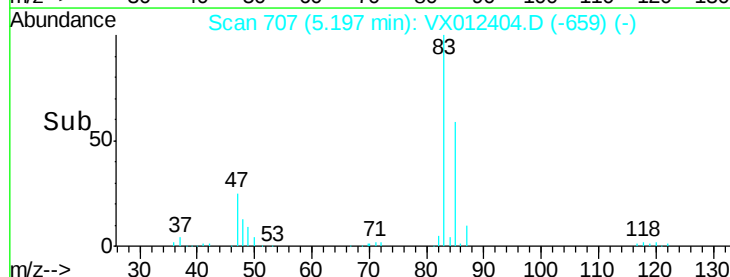
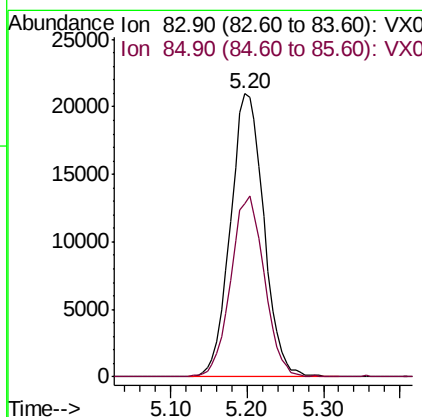
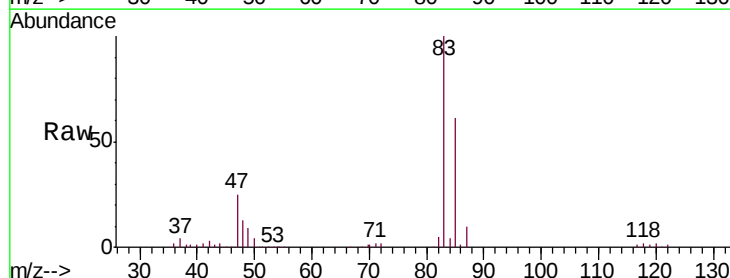
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

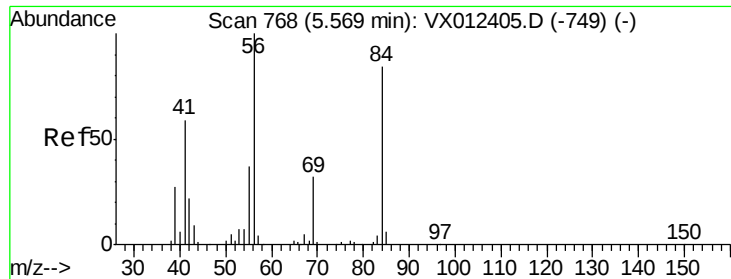
Tgt Ion: 42 Resp: 92739
Ion Ratio Lower Upper
42 100
72 43.5 34.9 52.3
71 40.1 32.6 48.8



#30
Chloroform
Concen: 29.990 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012404.D
Acq: 16 Sep 2019 13:11

Tgt Ion: 83 Resp: 63526
Ion Ratio Lower Upper
83 100
85 61.4 51.9 77.9

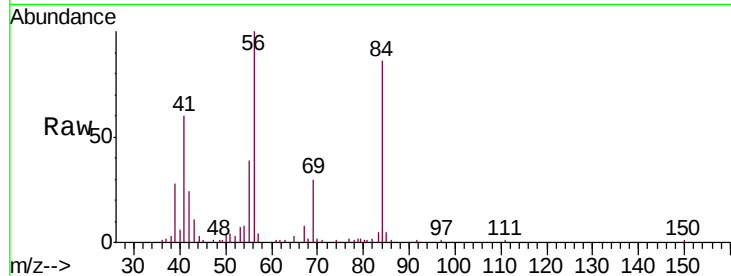




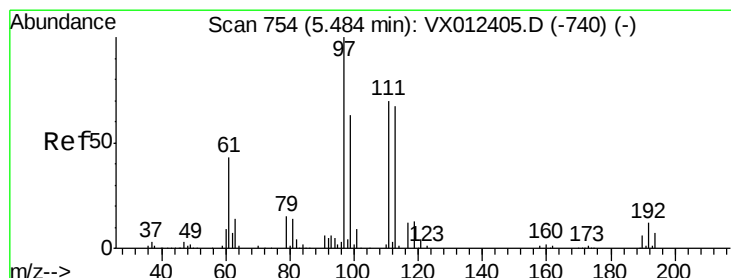
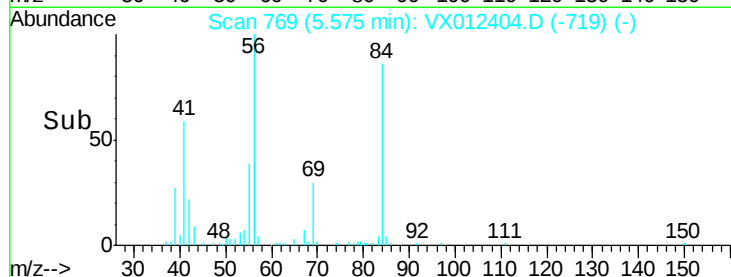
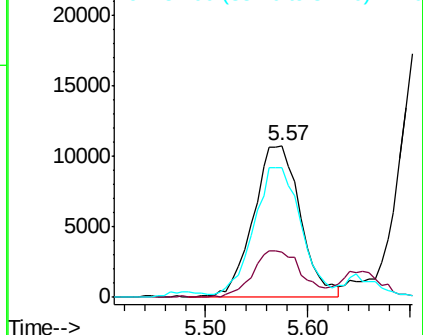
#31
Cyclohexane
Concen: 22.021 ug/l
RT: 5.57 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX012404.D
Acq: 16 Sep 2019 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 56 Resp: 34486
Ion Ratio Lower Upper
56 100
69 29.3 24.9 37.3
84 82.0 67.2 100.8

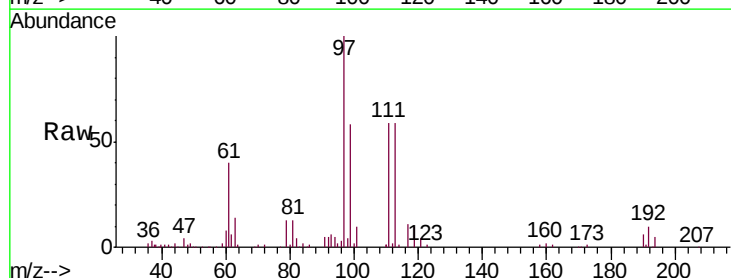


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

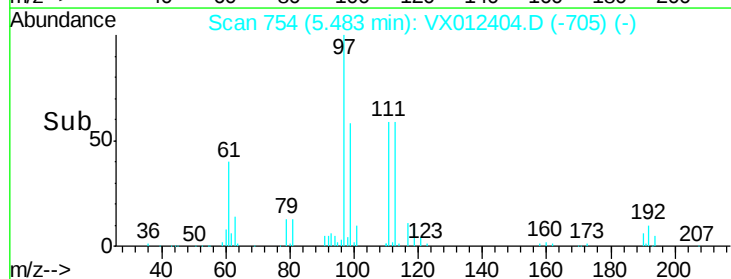
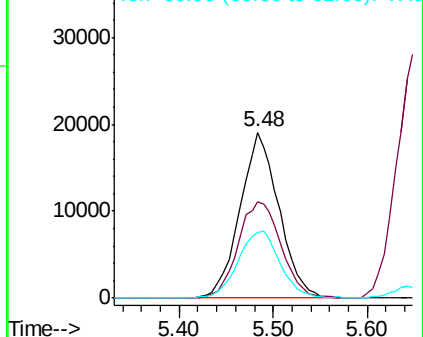


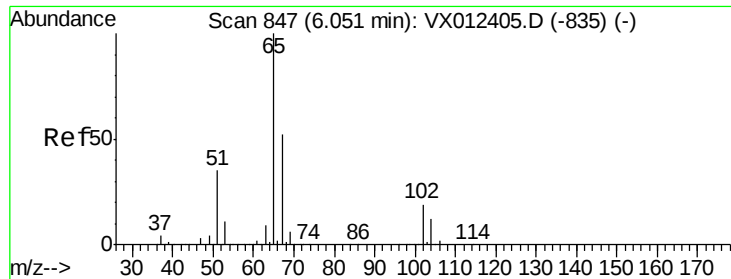
#32
1,1,1-Trichloroethane
Concen: 30.064 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012404.D
Acq: 16 Sep 2019 13:11

Tgt Ion: 97 Resp: 54925
Ion Ratio Lower Upper
97 100
99 64.2 51.7 77.5
61 44.1 35.7 53.5



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 30.447 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

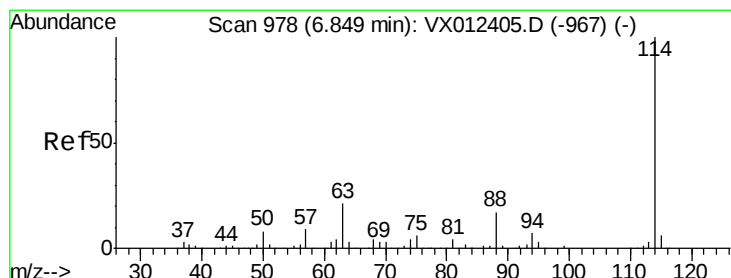
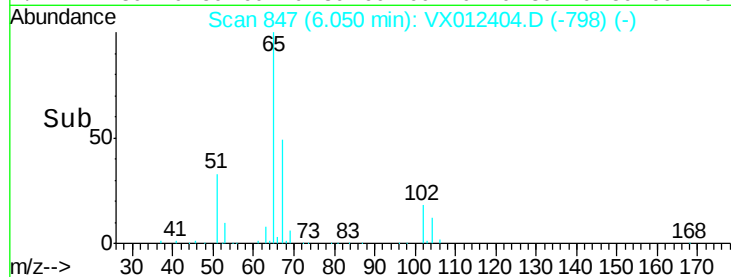
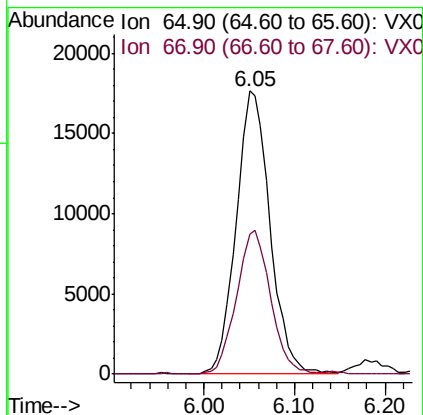
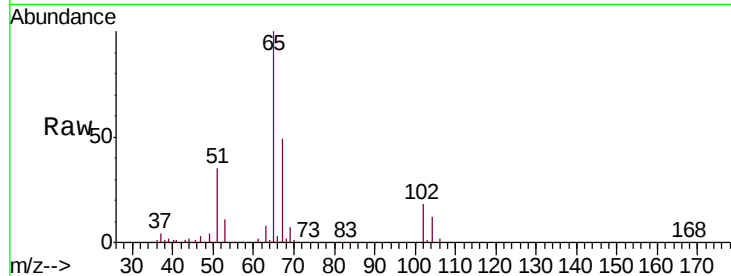
VSTDIC020

Tgt Ion: 65 Resp: 45709

Ion Ratio Lower Upper

65 100

67 51.1 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

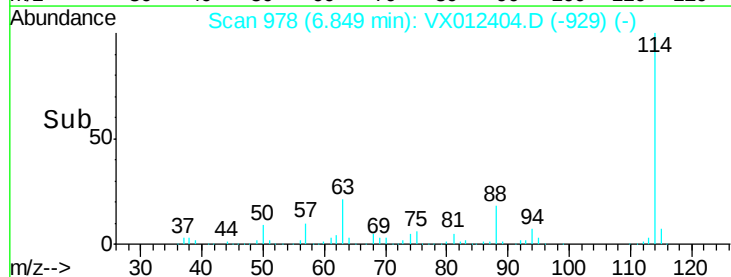
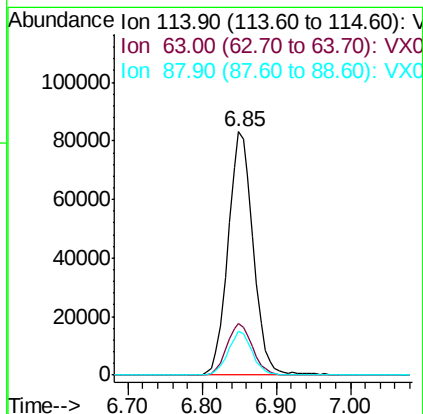
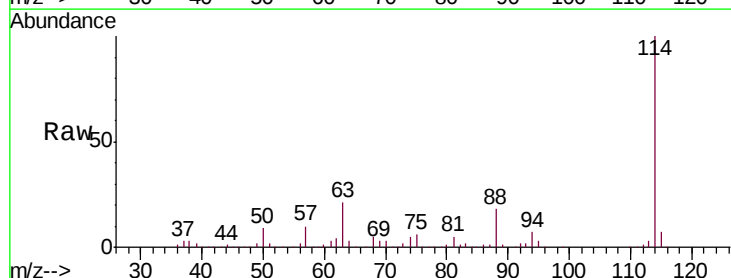
Tgt Ion: 114 Resp: 196126

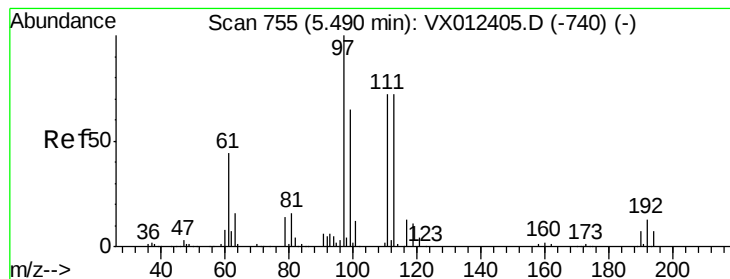
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.4

88 18.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 23.883 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

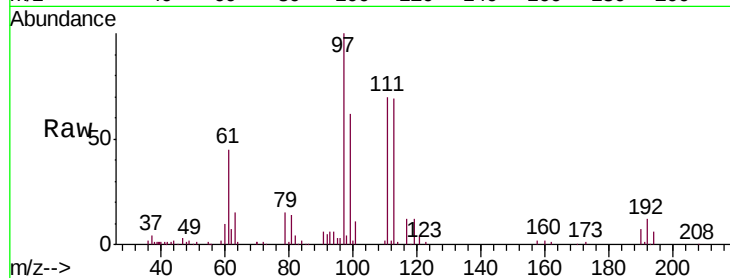
Tgt Ion:113 Resp: 33351

Ion Ratio Lower Upper

113 100

111 100.0 81.8 122.6

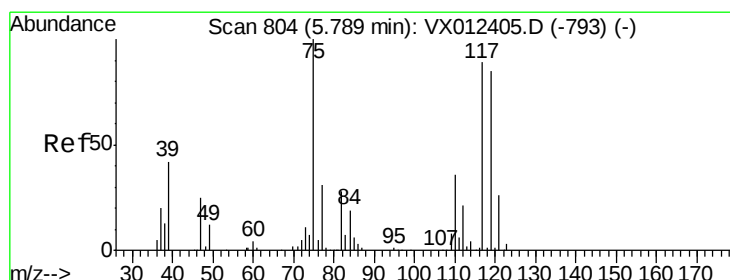
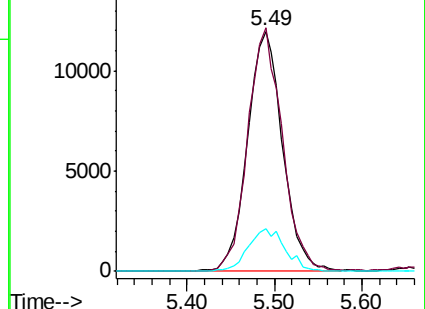
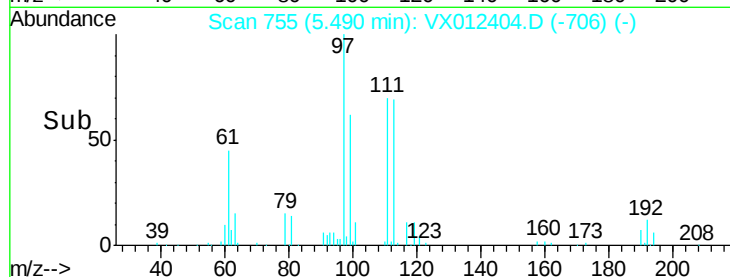
192 18.5 15.0 22.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.927 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

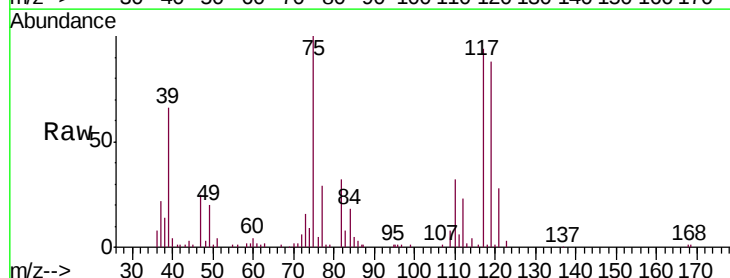
Tgt Ion: 75 Resp: 34921

Ion Ratio Lower Upper

75 100

110 35.1 17.4 52.2

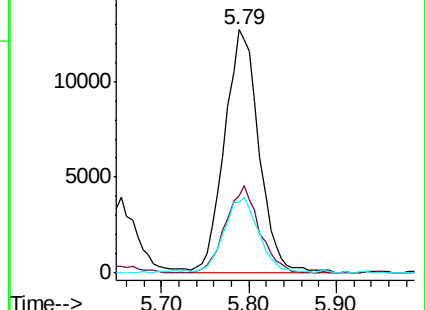
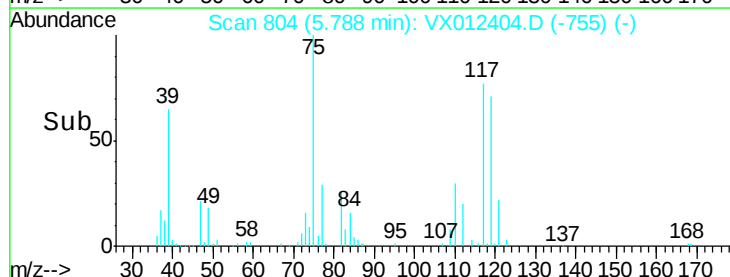
77 31.4 24.8 37.2

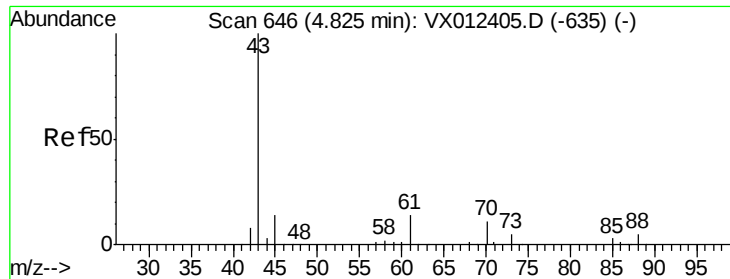


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

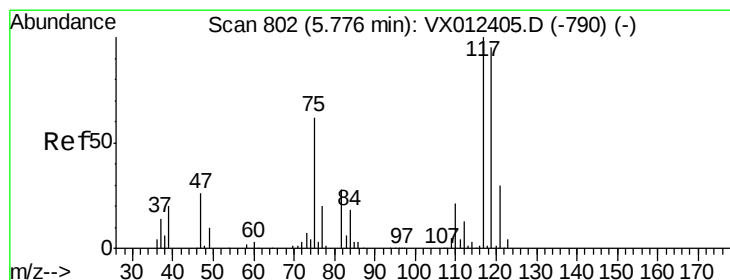
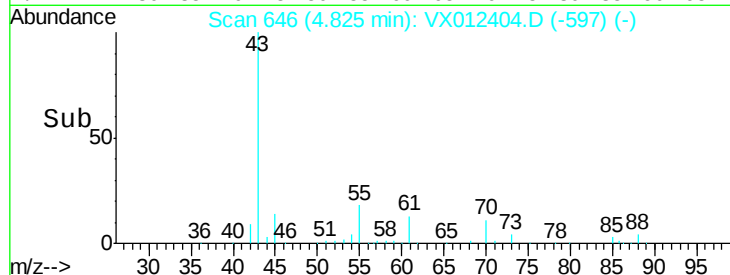
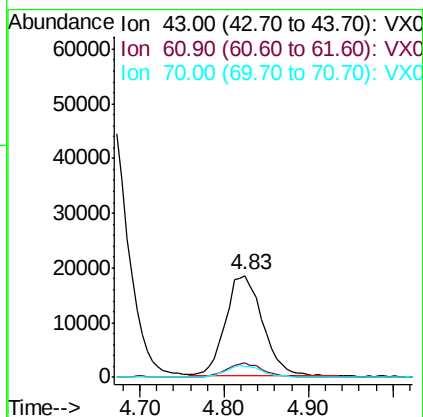
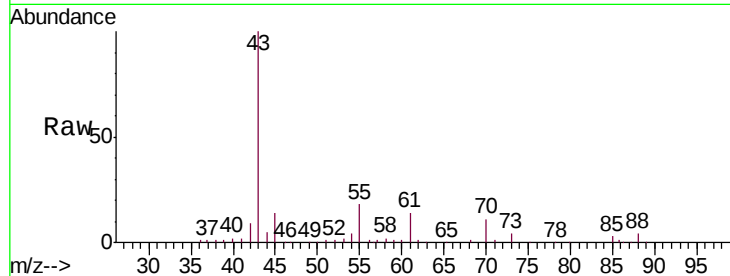




#37
Ethyl Acetate
Concen: 30.310 ug/l
RT: 4.83 min Scan# 646
Delta R.T. -0.00 min
Lab File: VX012404.D
Acq: 16 Sep 2019 13:11

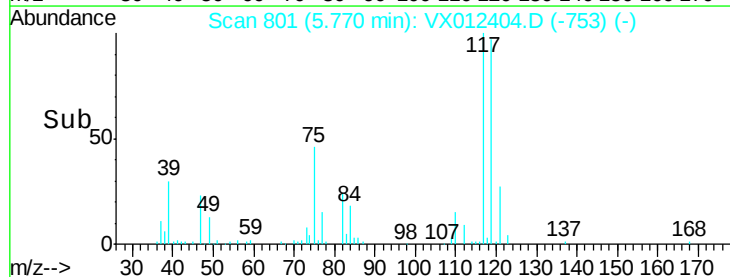
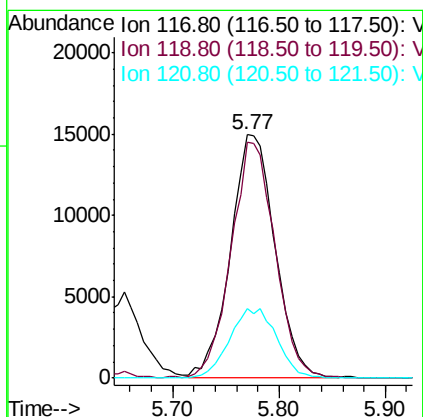
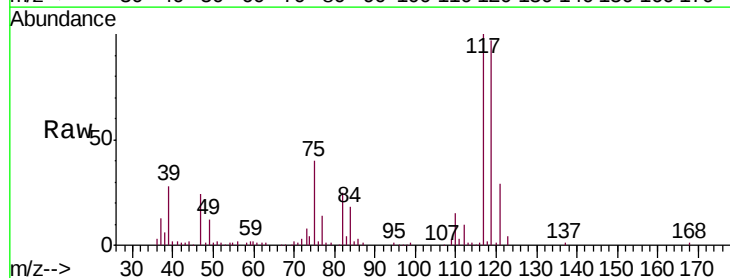
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

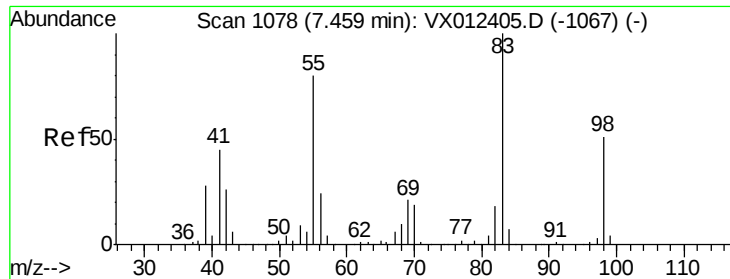
Tgt Ion: 43 Resp: 55629
Ion Ratio Lower Upper
43 100
61 13.2 11.2 16.8
70 11.9 9.0 13.6



#38
Carbon Tetrachloride
Concen: 23.661 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012404.D
Acq: 16 Sep 2019 13:11

Tgt Ion: 117 Resp: 43865
Ion Ratio Lower Upper
117 100
119 96.4 75.8 113.8
121 28.8 23.8 35.6

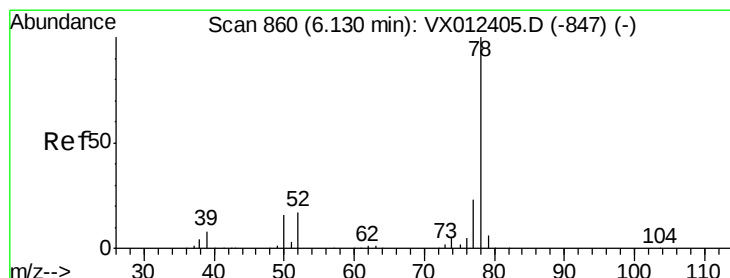
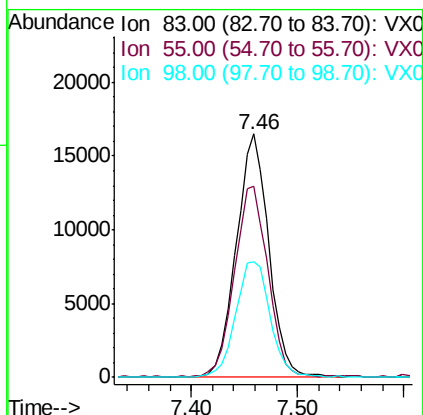
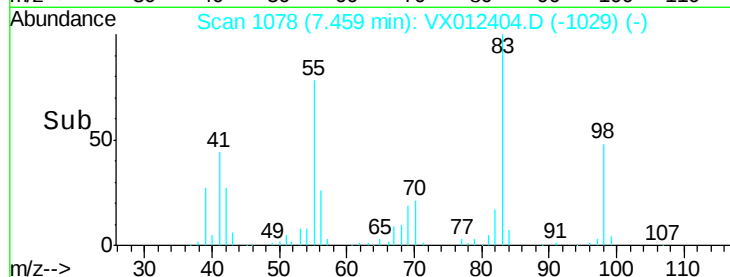
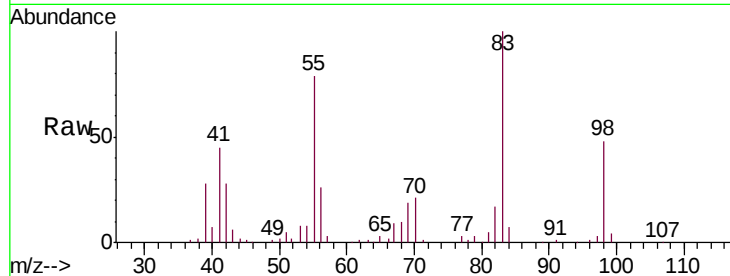




#39
Methylcyclohexane
Concen: 18.751 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012404.D
Acq: 16 Sep 2019 13:11

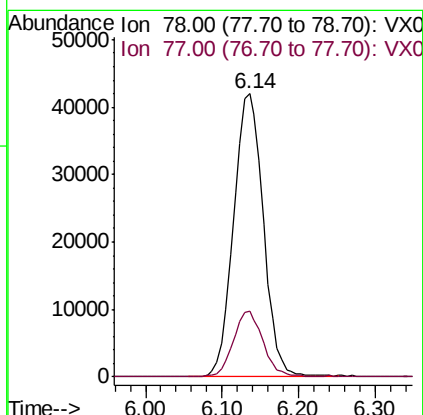
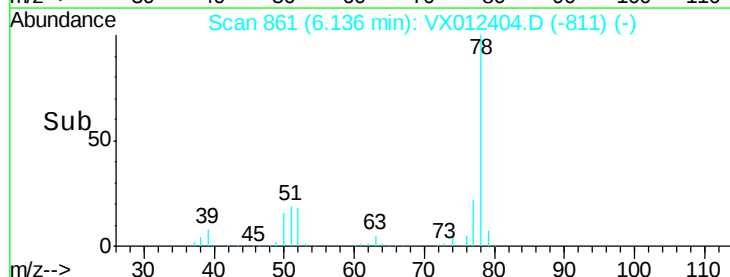
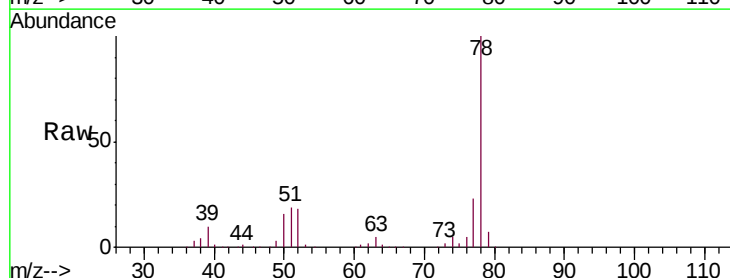
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

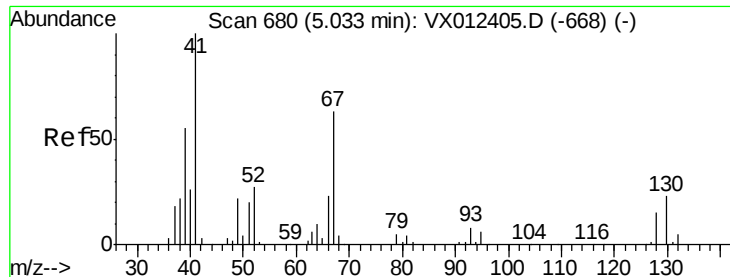
Tgt Ion: 83 Resp: 35451
Ion Ratio Lower Upper
83 100
55 78.4 63.8 95.6
98 47.6 40.6 61.0



#40
Benzene
Concen: 22.696 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012404.D
Acq: 16 Sep 2019 13:11

Tgt Ion: 78 Resp: 113188
Ion Ratio Lower Upper
78 100
77 23.3 18.2 27.2





#41

Methacrylonitrile

Concen: 29.169 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 41 Resp: 31656

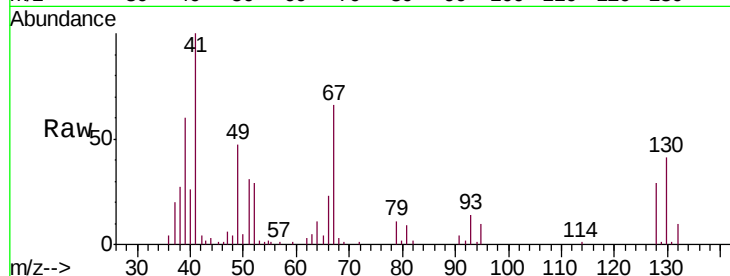
Ion Ratio Lower Upper

41 100

39 58.5 44.4 66.6

67 70.4 53.8 80.8

52 30.6 22.2 33.4

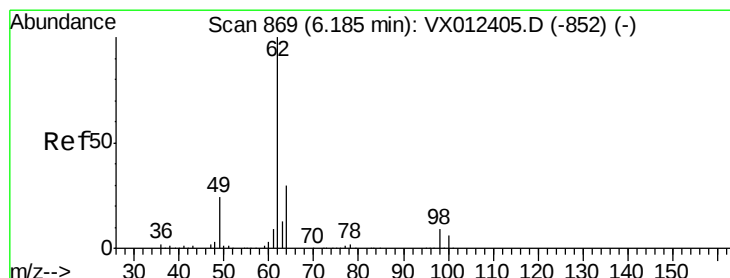
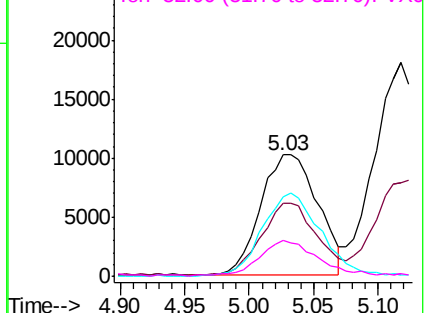
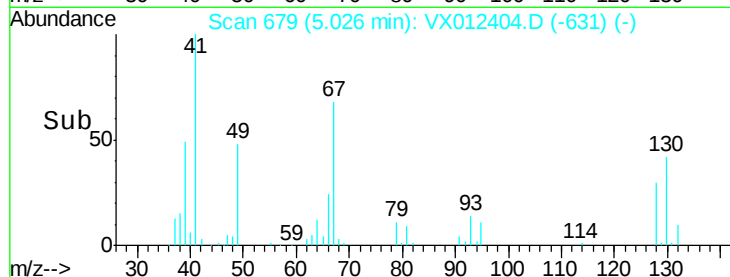


Abundance Ion 41.00 (40.70 to 41.70): VX0

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



#42

1,2-Dichloroethane

Concen: 26.805 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX012404.D

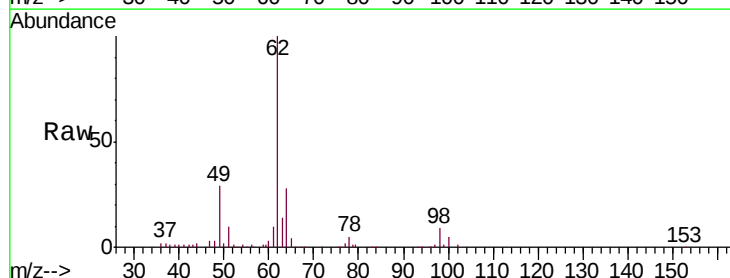
Acq: 16 Sep 2019 13:11

Tgt Ion: 62 Resp: 50886

Ion Ratio Lower Upper

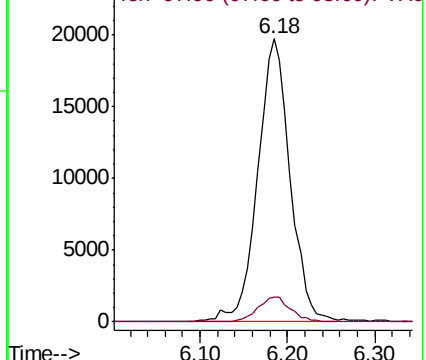
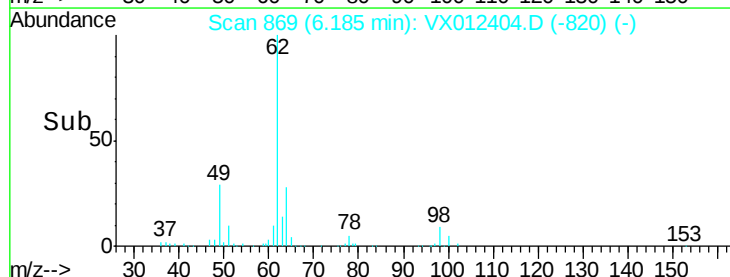
62 100

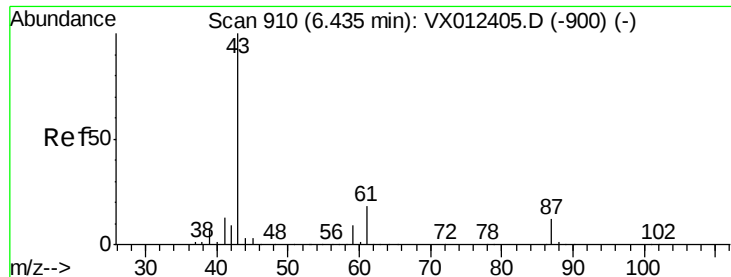
98 9.0 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 30.481 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

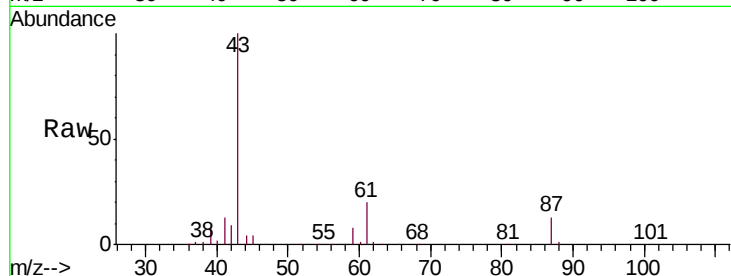
Tgt Ion: 43 Resp: 92067

Ion Ratio Lower Upper

43 100

61 20.1 15.5 23.3

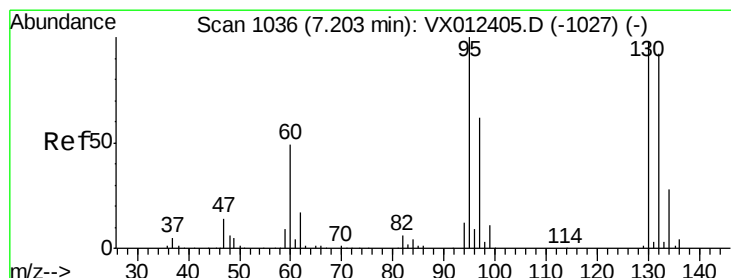
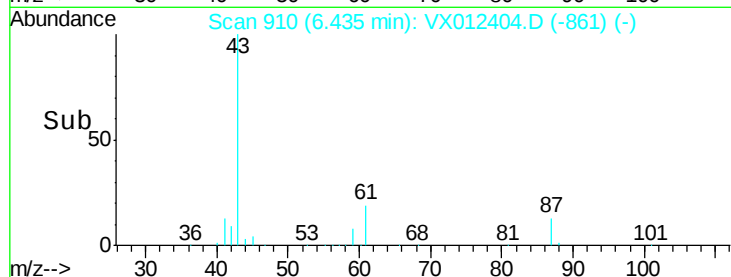
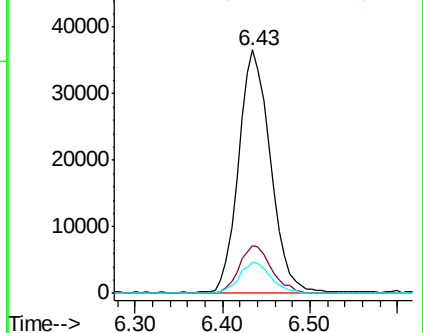
87 12.8 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.085 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012404.D

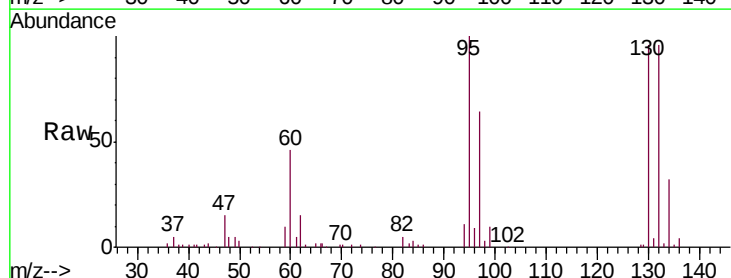
Acq: 16 Sep 2019 13:11

Tgt Ion: 130 Resp: 29991

Ion Ratio Lower Upper

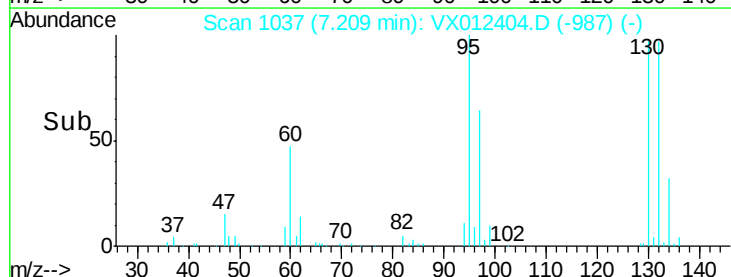
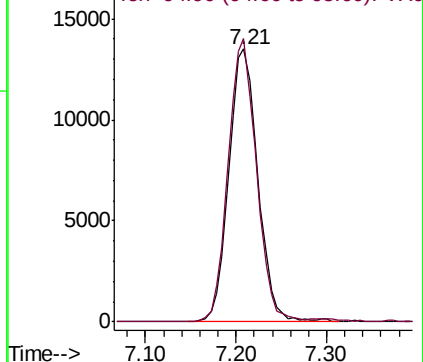
130 100

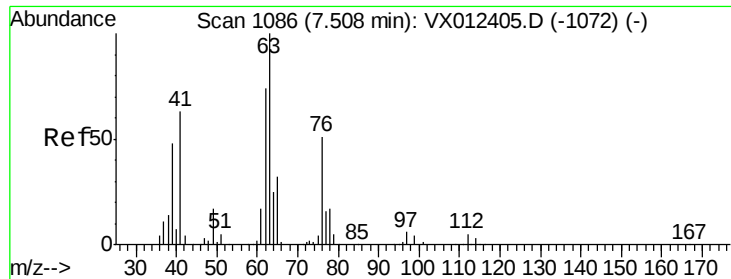
95 103.8 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

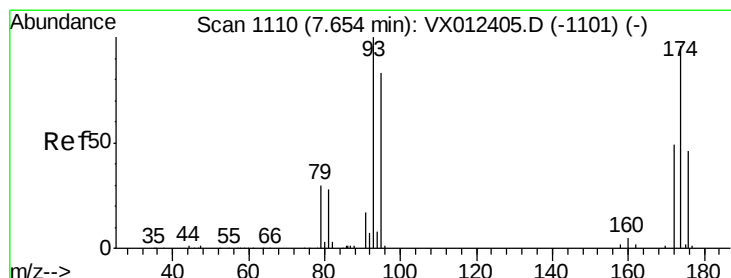
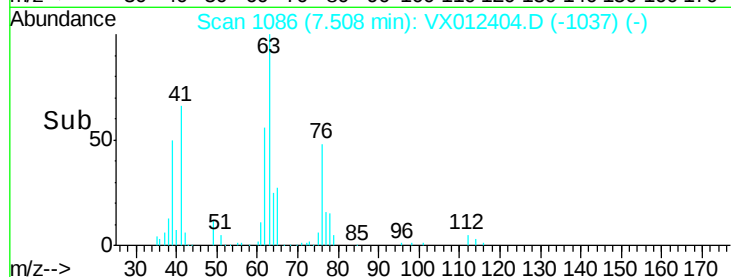
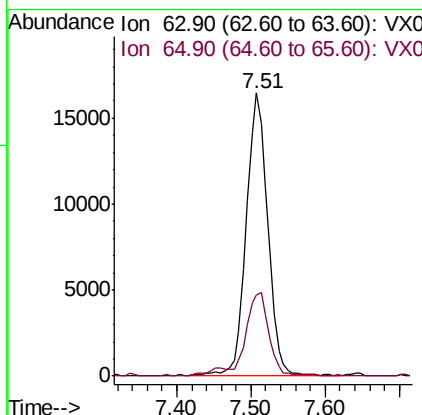
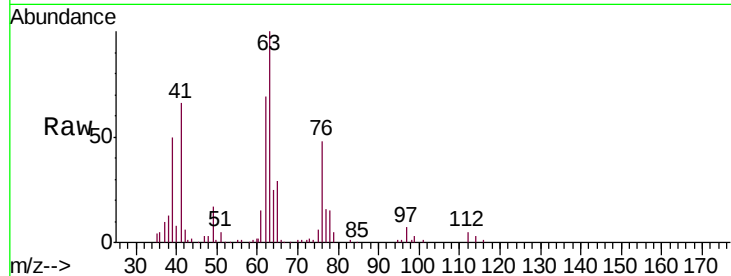




#45
 1,2-Dichloropropane
 Concen: 26.142 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012404.D
 Acq: 16 Sep 2019 13:11

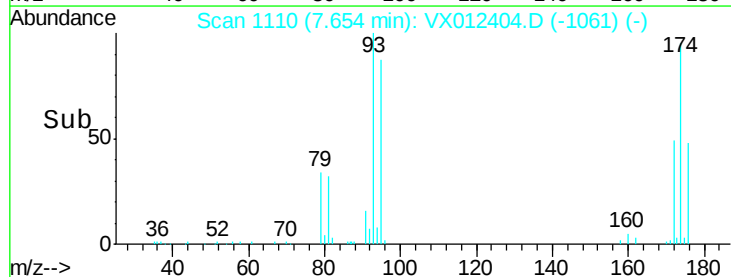
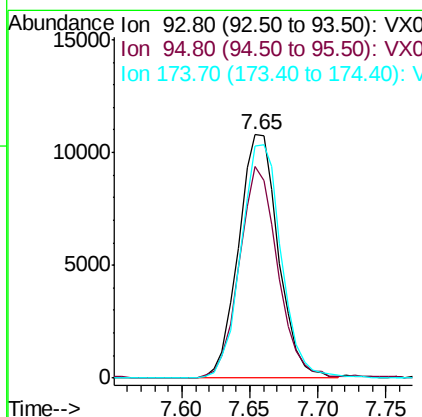
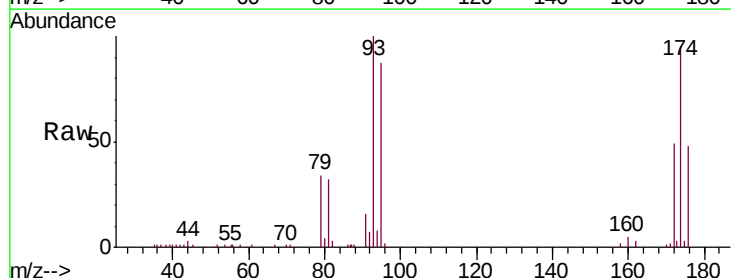
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

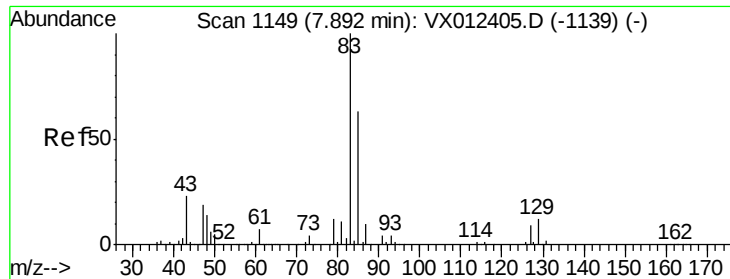
Tgt Ion: 63 Resp: 33692
 Ion Ratio Lower Upper
 63 100
 65 28.9 25.6 38.4



#46
 Dibromomethane
 Concen: 23.613 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012404.D
 Acq: 16 Sep 2019 13:11

Tgt Ion: 93 Resp: 22067
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.2 99.2
 174 97.3 78.6 118.0





#47

Bromodichloromethane

Concen: 27.802 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

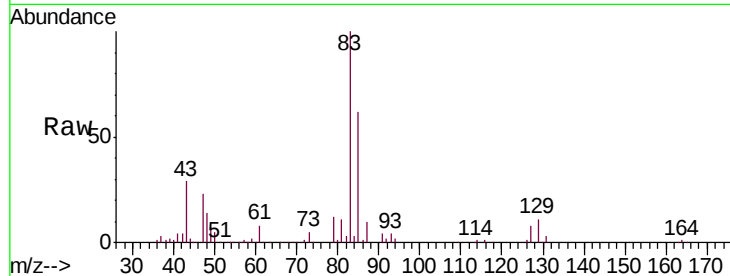
Tgt Ion: 83 Resp: 49141

Ion Ratio Lower Upper

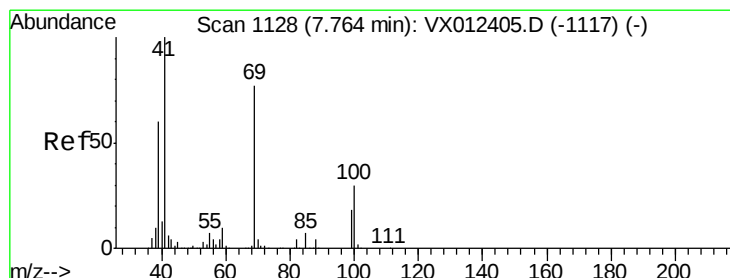
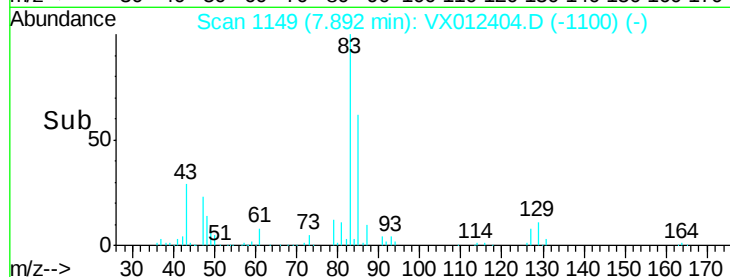
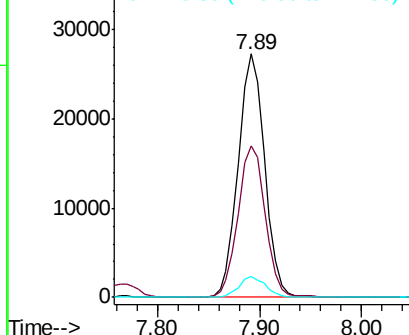
83 100

85 62.3 50.2 75.4

127 8.4 6.9 10.3



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



#48

Methyl methacrylate

Concen: 29.051 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

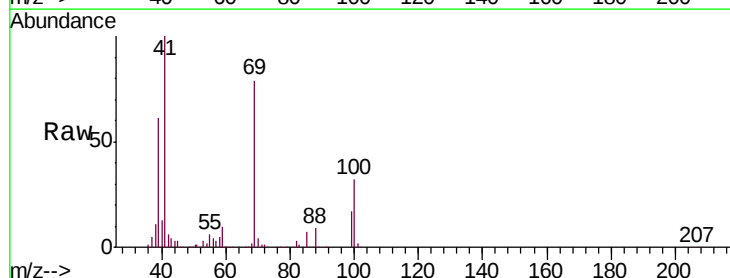
Tgt Ion: 41 Resp: 42941

Ion Ratio Lower Upper

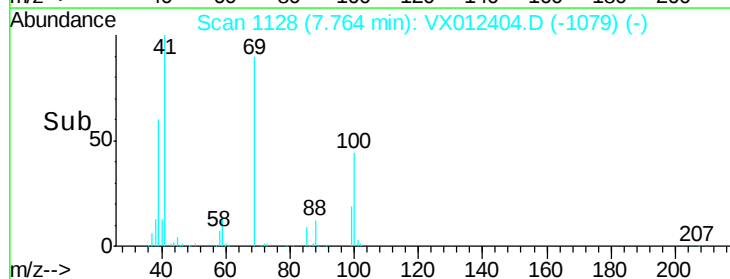
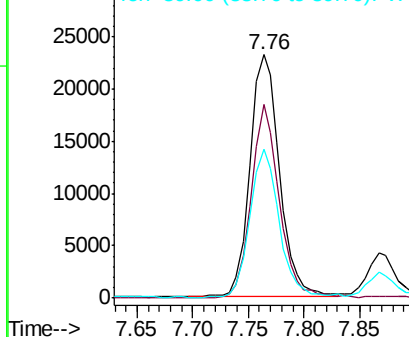
41 100

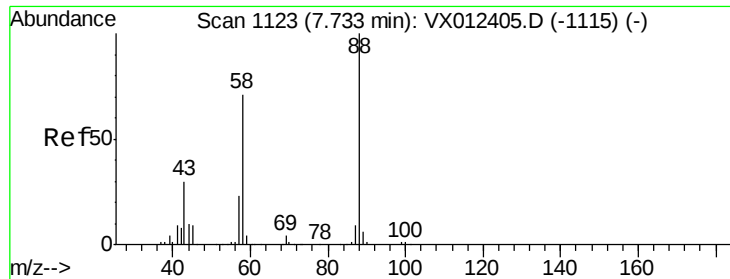
69 76.2 61.6 92.4

39 61.4 47.6 71.4



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

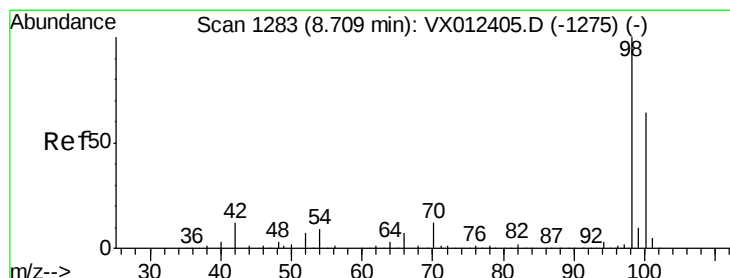
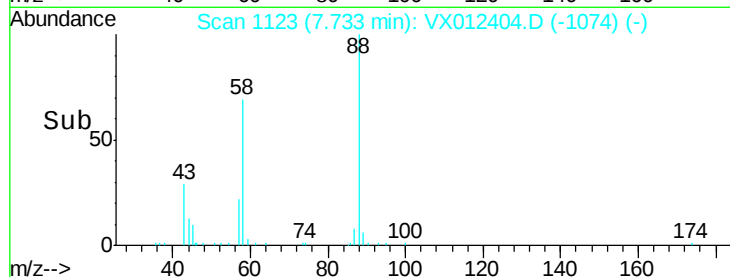
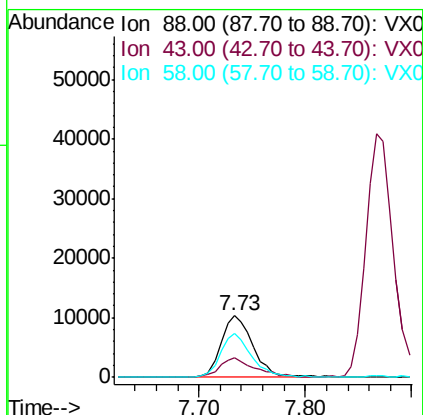
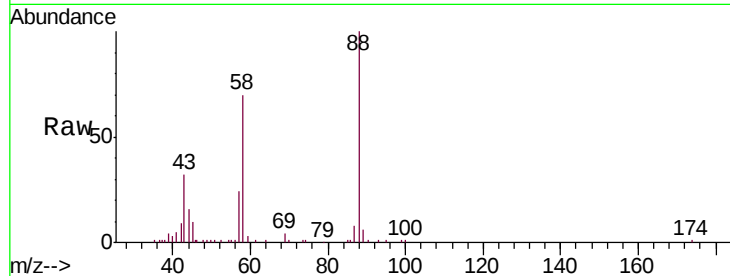




#49
 1,4-Dioxane
 Concen: 540.508 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: VX012404.D
 Acq: 16 Sep 2019 13:11

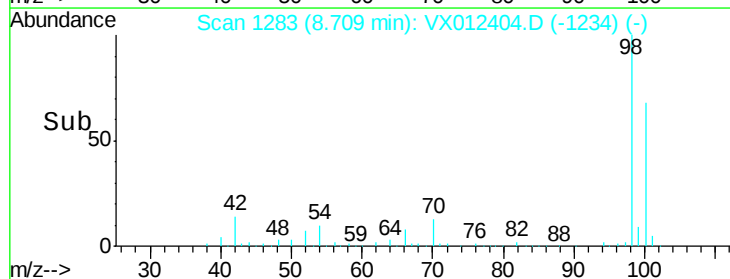
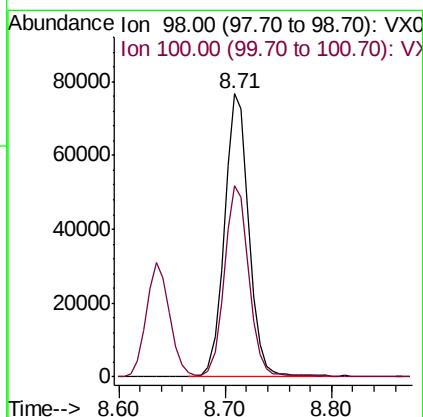
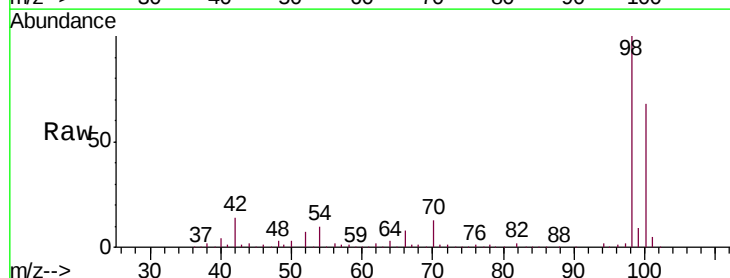
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

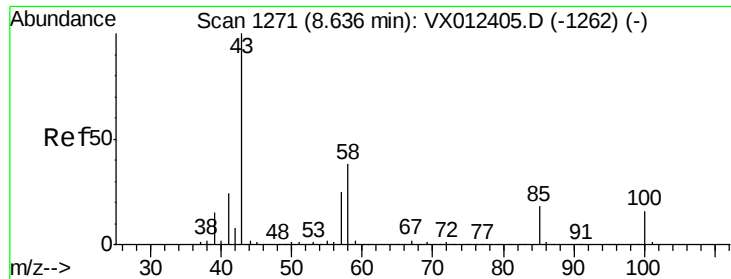
Tgt Ion: 88 Resp: 21685
 Ion Ratio Lower Upper
 88 100
 43 34.3 26.6 39.8
 58 69.1 57.1 85.7



#50
 Toluene-d8
 Concen: 25.111 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012404.D
 Acq: 16 Sep 2019 13:11

Tgt Ion: 98 Resp: 122689
 Ion Ratio Lower Upper
 98 100
 100 67.7 54.4 81.6





#51

4-Methyl-2-Pentanone

Concen: 153.987 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

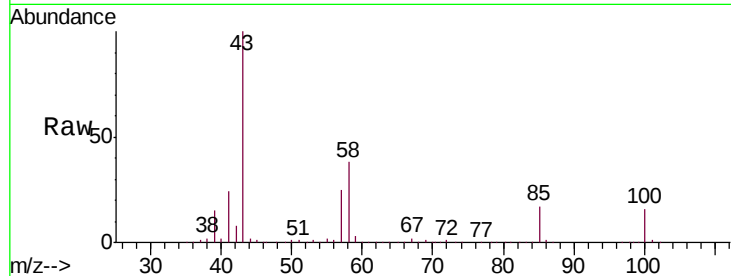
VSTDIC020

Tgt Ion: 43 Resp: 306750

Ion Ratio Lower Upper

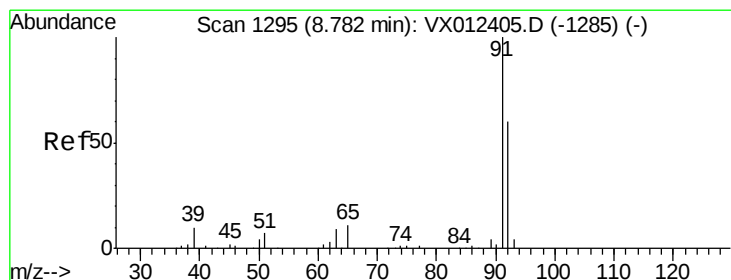
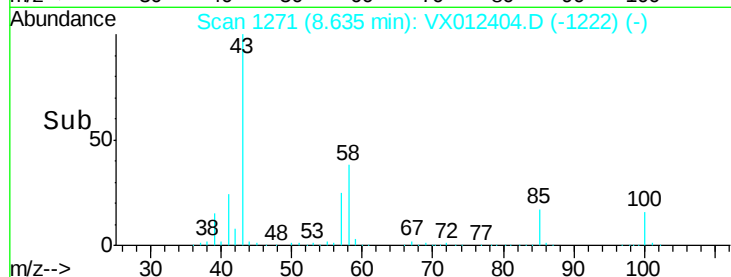
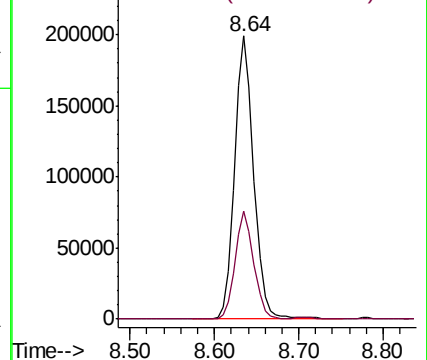
43 100

58 37.2 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 22.696 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012404.D

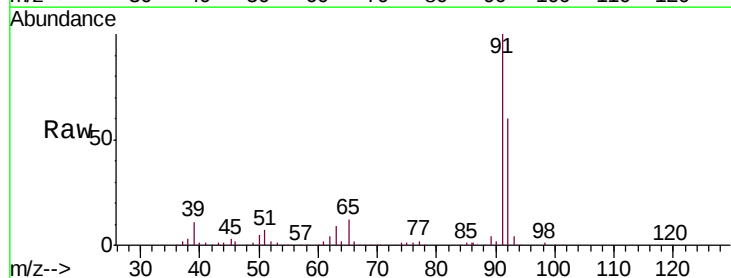
Acq: 16 Sep 2019 13:11

Tgt Ion: 92 Resp: 73055

Ion Ratio Lower Upper

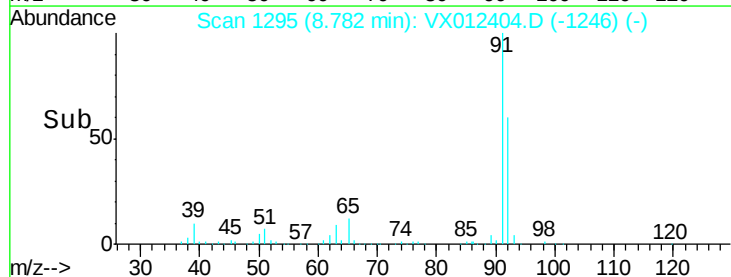
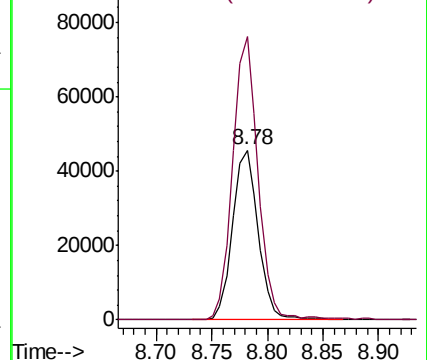
92 100

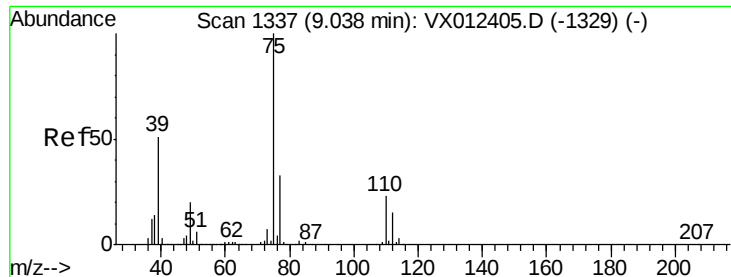
91 164.6 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

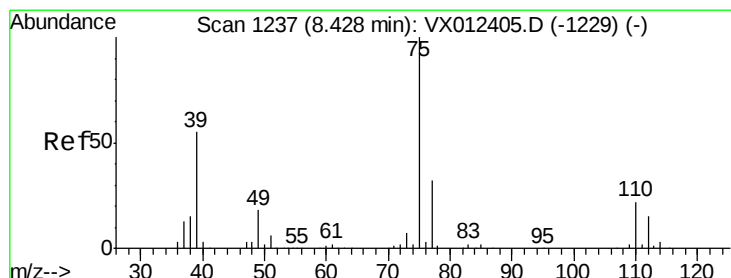
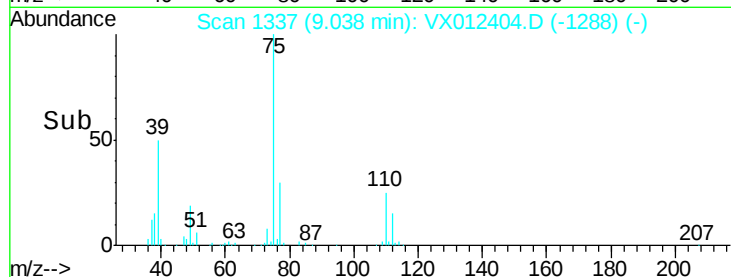
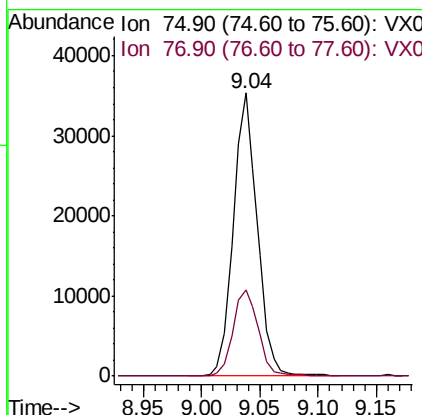
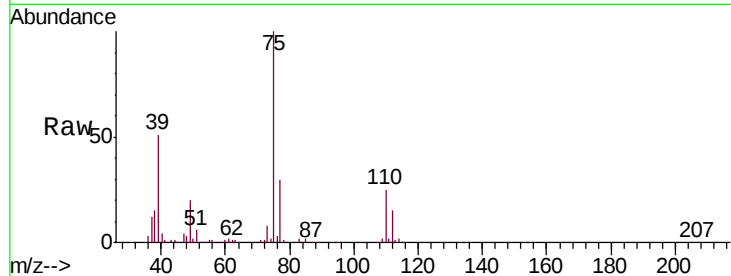




#53
t-1,3-Dichloropropene
Concen: 27.400 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012404.D
Acq: 16 Sep 2019 13:11

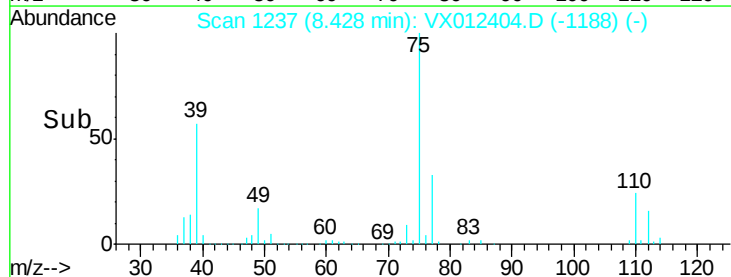
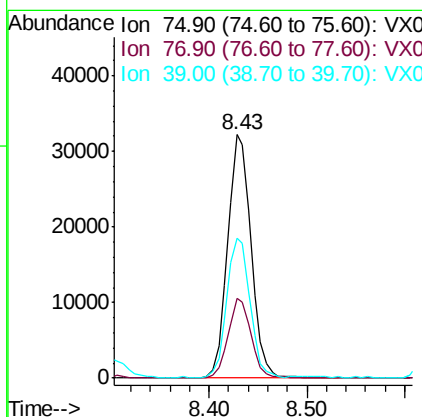
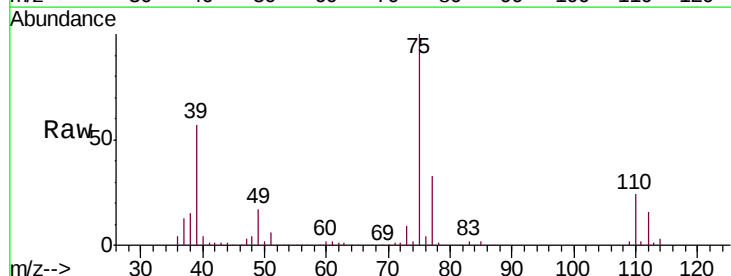
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

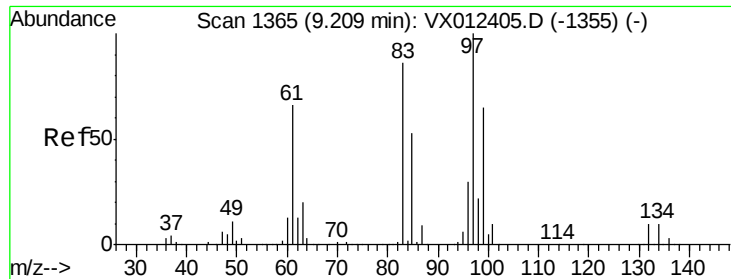
Tgt Ion: 75 Resp: 50612
Ion Ratio Lower Upper
75 100
77 30.5 26.1 39.1



#54
cis-1,3-Dichloropropene
Concen: 27.024 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012404.D
Acq: 16 Sep 2019 13:11

Tgt Ion: 75 Resp: 53725
Ion Ratio Lower Upper
75 100
77 33.0 25.2 37.8
39 57.0 43.8 65.8

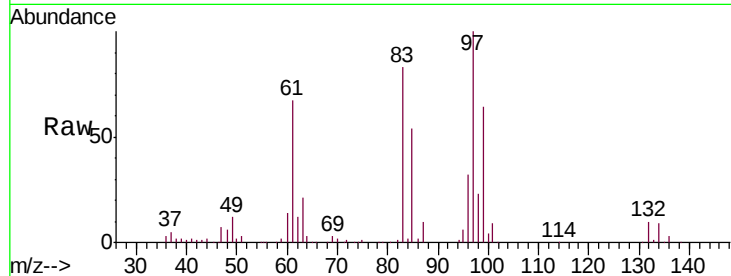




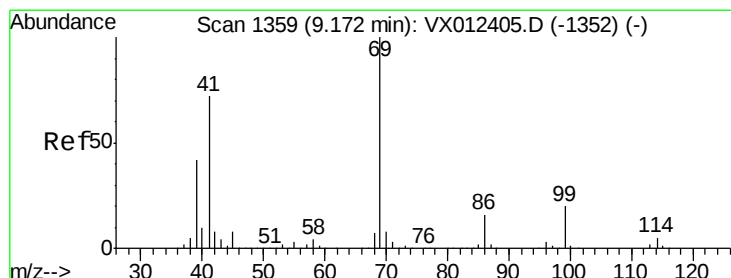
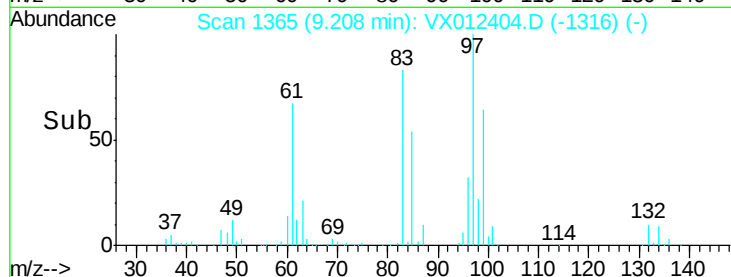
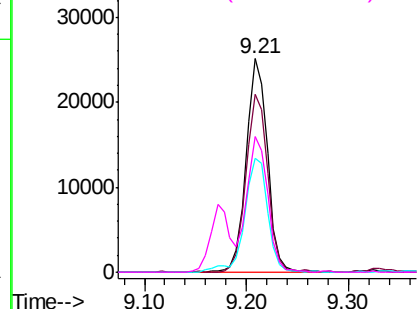
#55
 1,1,2-Trichloroethane
 Concen: 26.077 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012404.D
 Acq: 16 Sep 2019 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 97 Resp: 36278
 Ion Ratio Lower Upper
 97 100
 83 83.1 68.5 102.7
 85 53.5 42.6 64.0
 99 63.5 52.5 78.7

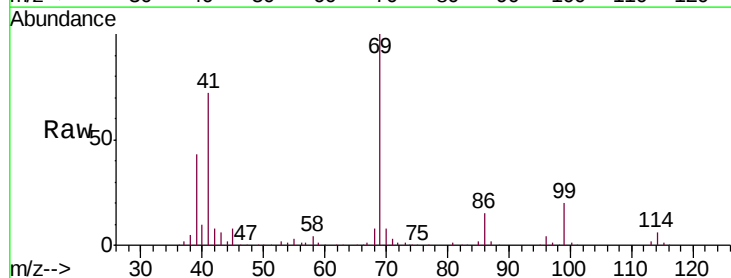


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

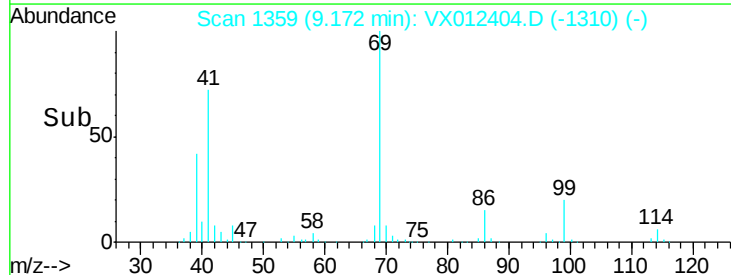
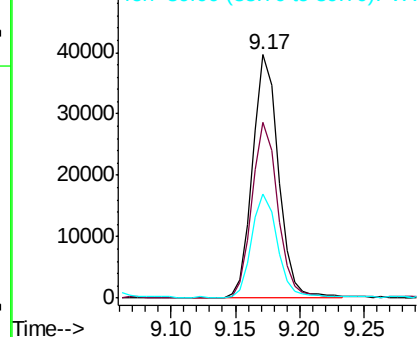


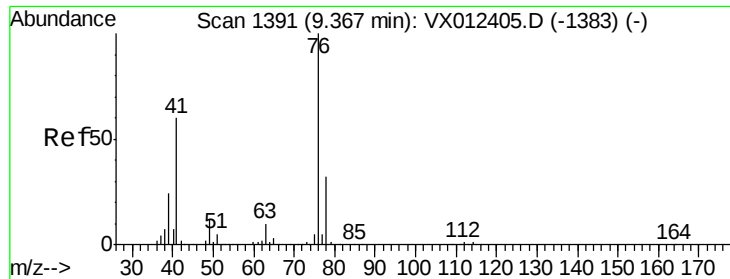
#56
 Ethyl methacrylate
 Concen: 27.309 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012404.D
 Acq: 16 Sep 2019 13:11

Tgt Ion: 69 Resp: 54774
 Ion Ratio Lower Upper
 69 100
 41 71.5 57.0 85.6
 39 41.7 32.6 49.0



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

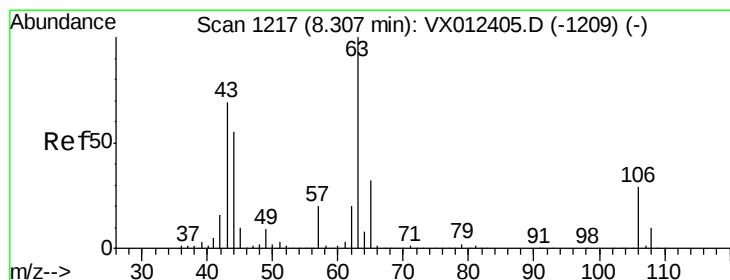
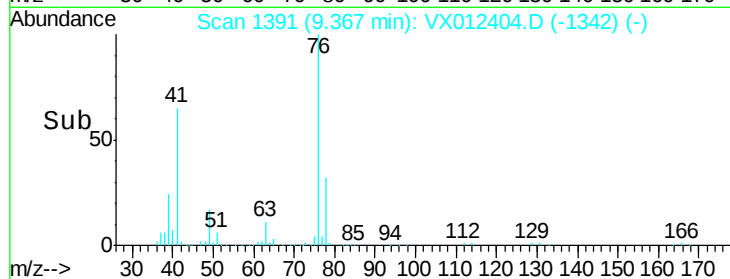
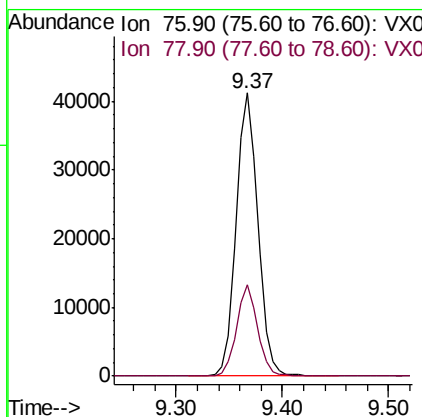
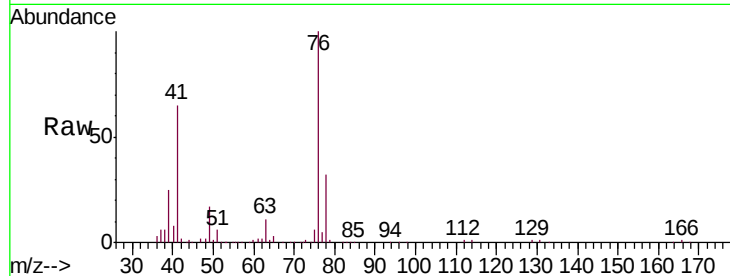




#57
 1,3-Dichloropropane
 Concen: 26.112 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012404.D
 Acq: 16 Sep 2019 13:11

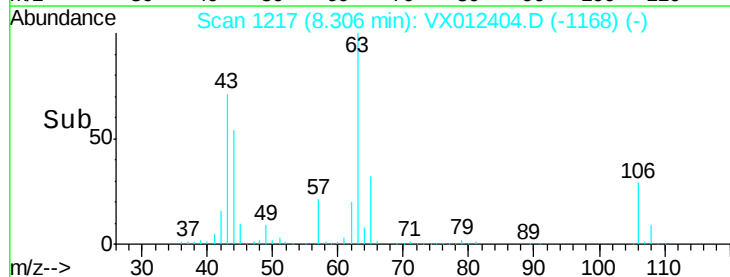
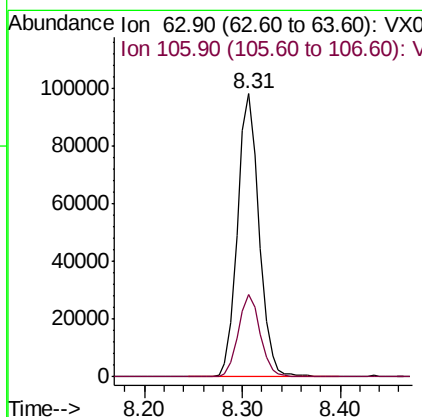
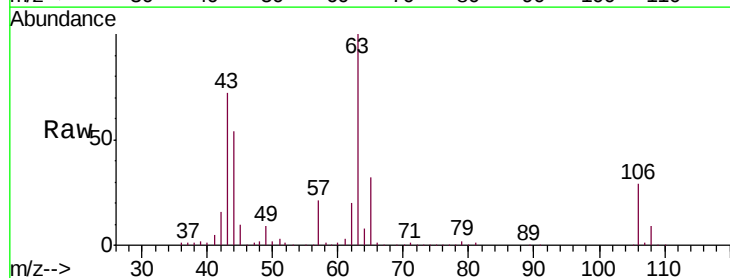
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

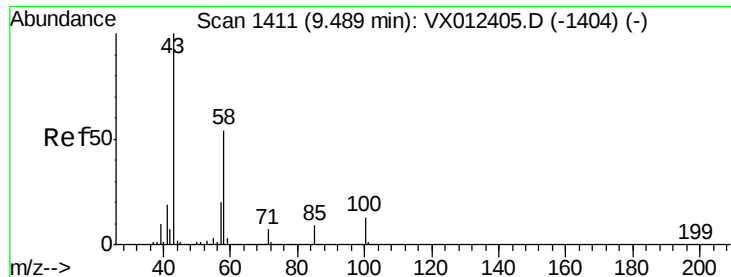
Tgt Ion: 76 Resp: 59357
 Ion Ratio Lower Upper
 76 100
 78 31.2 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 142.037 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012404.D
 Acq: 16 Sep 2019 13:11

Tgt Ion: 63 Resp: 151081
 Ion Ratio Lower Upper
 63 100
 106 29.4 23.8 35.8

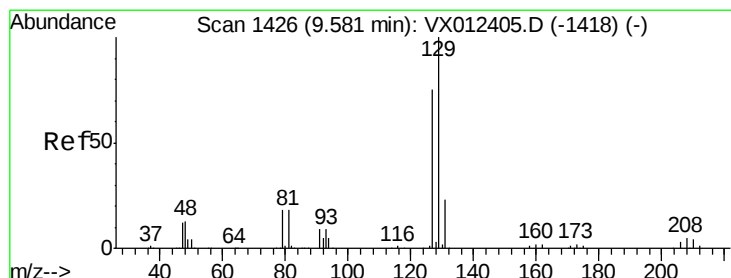
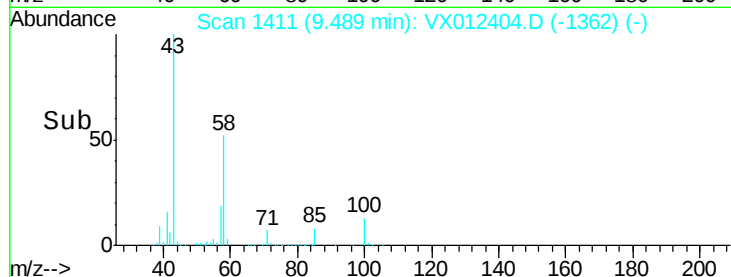
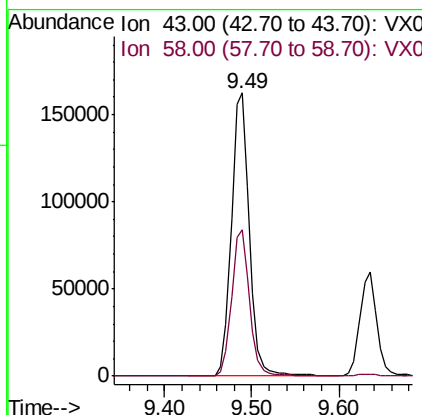
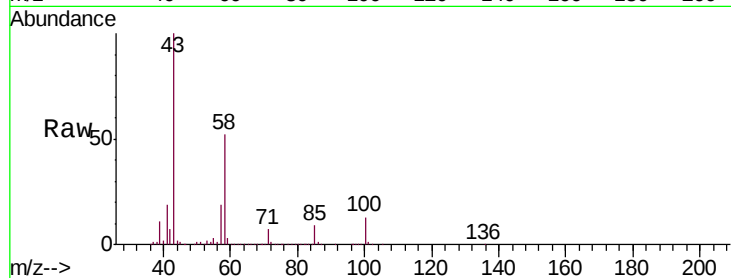




#59
2-Hexanone
Concen: 152.953 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX012404.D
Acq: 16 Sep 2019 13:11

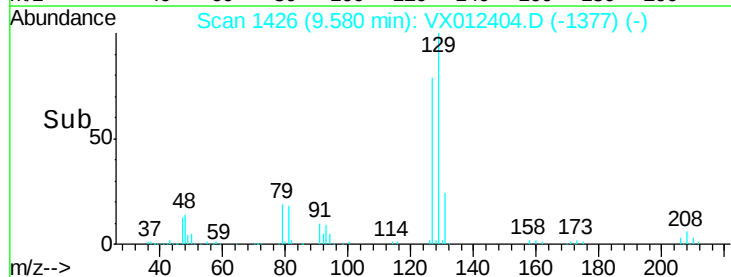
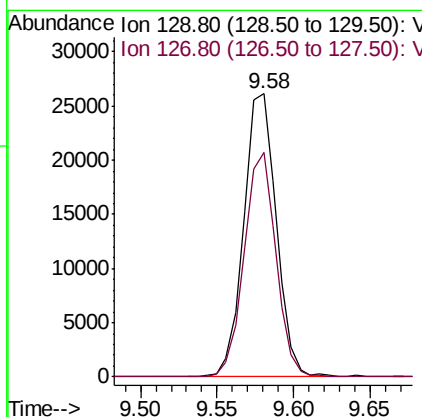
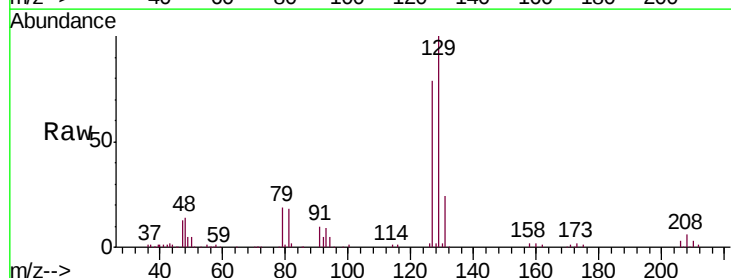
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

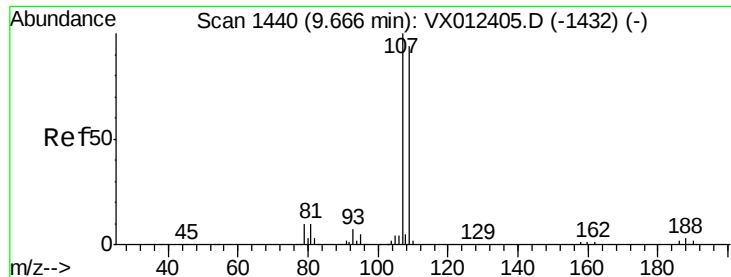
Tgt Ion: 43 Resp: 232999
Ion Ratio Lower Upper
43 100
58 52.0 26.4 79.0



#60
Dibromochloromethane
Concen: 25.602 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX012404.D
Acq: 16 Sep 2019 13:11

Tgt Ion: 129 Resp: 38650
Ion Ratio Lower Upper
129 100
127 77.2 38.1 114.3





#61

1,2-Dibromoethane

Concen: 23.219 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

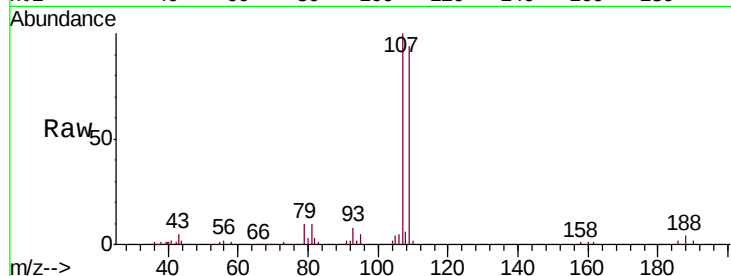
VSTDIC020

Tgt Ion: 107 Resp: 33711

Ion Ratio Lower Upper

107 100

109 96.8 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

25000

20000

15000

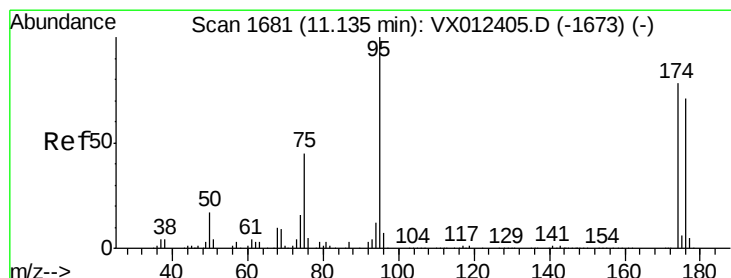
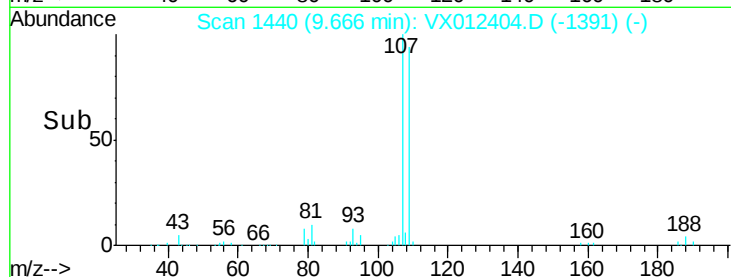
10000

5000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 24.115 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

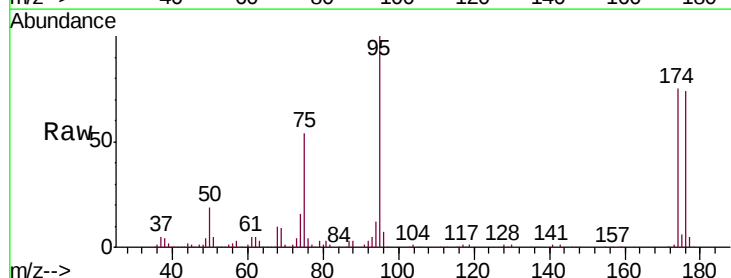
Tgt Ion: 95 Resp: 47297

Ion Ratio Lower Upper

95 100

174 72.9 0.0 146.0

176 70.8 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

50000

40000

30000

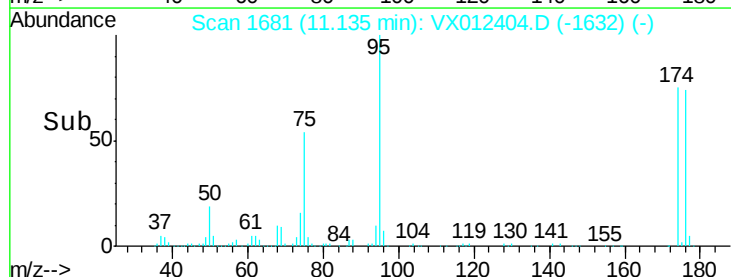
20000

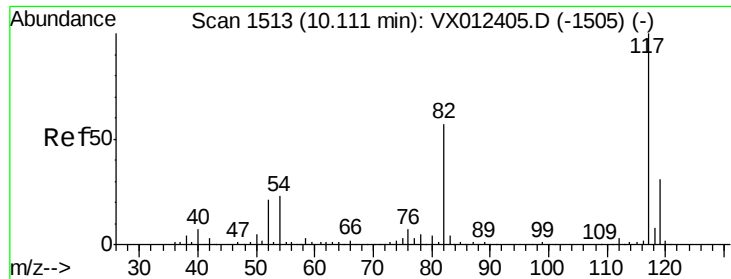
10000

0

Time-->

11.10 11.20

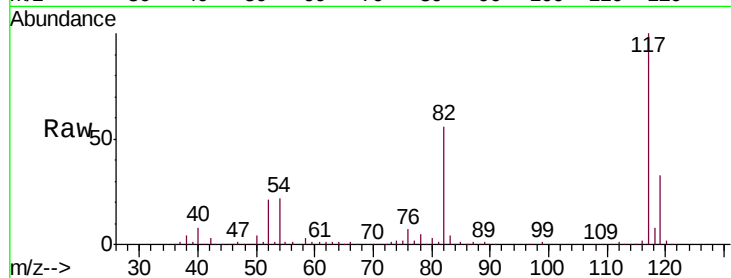




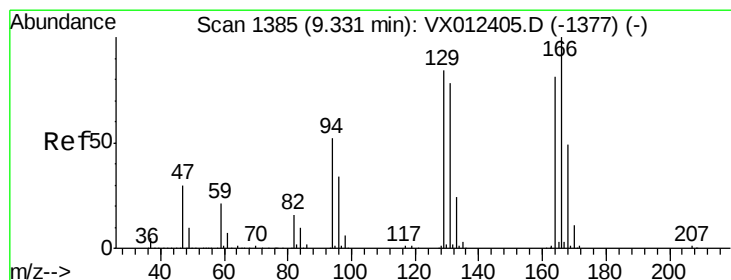
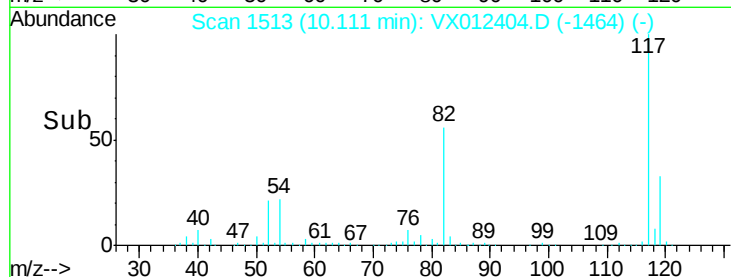
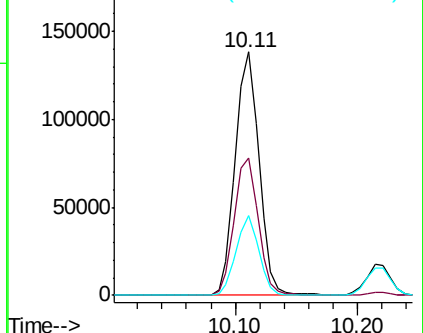
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012404.D
Acq: 16 Sep 2019 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 186686
Ion Ratio Lower Upper
117 100
82 56.4 45.8 68.6
119 32.6 24.9 37.3

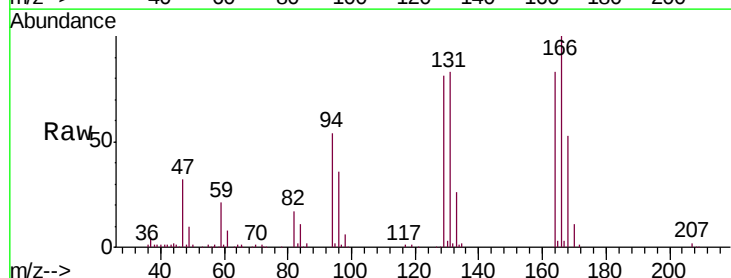


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

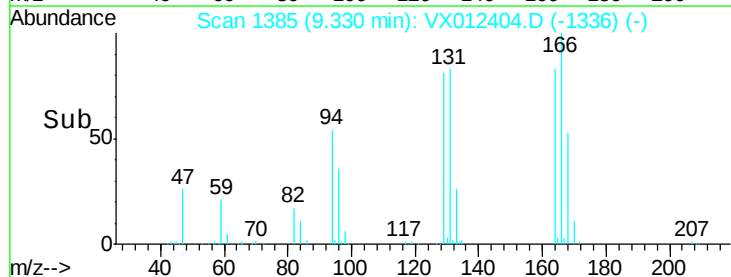
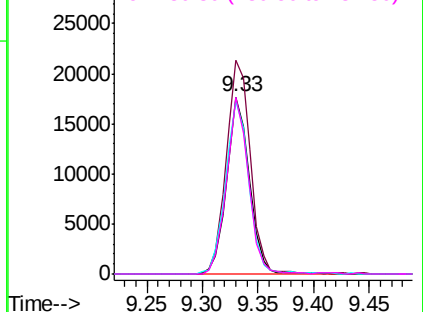


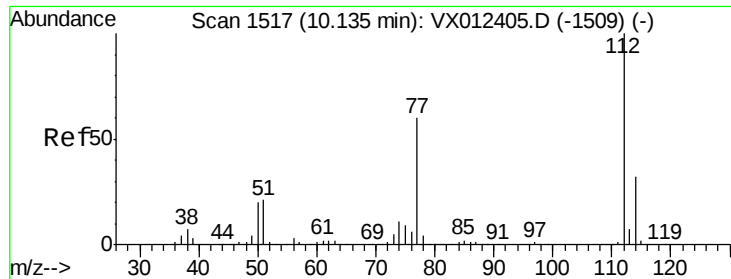
#64
Tetrachloroethene
Concen: 17.265 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012404.D
Acq: 16 Sep 2019 13:11

Tgt Ion:164 Resp: 24935
Ion Ratio Lower Upper
164 100
166 120.8 98.2 147.4
129 97.6 82.6 123.8
131 100.0 76.7 115.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

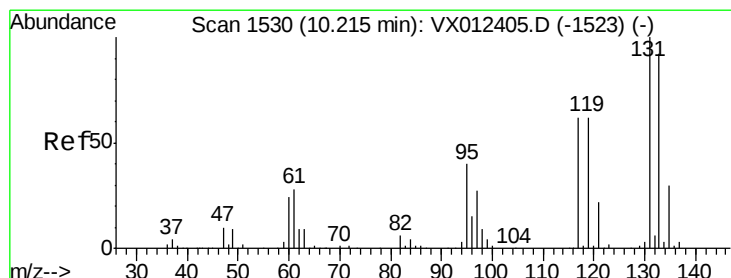
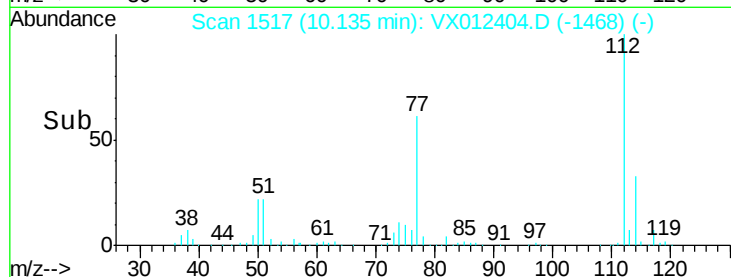
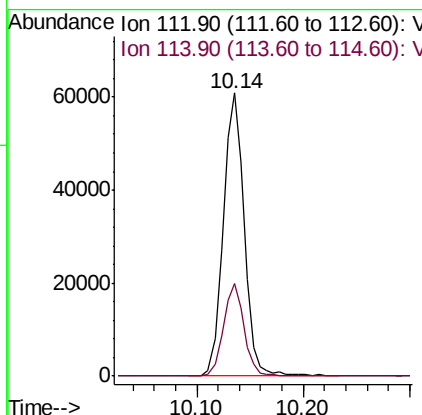
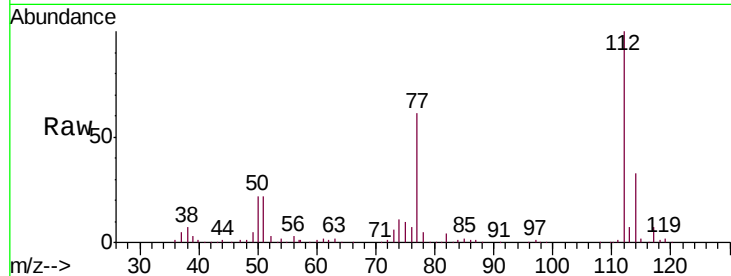




#65
Chlorobenzene
Concen: 21.906 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012404.D
Acq: 16 Sep 2019 13:11

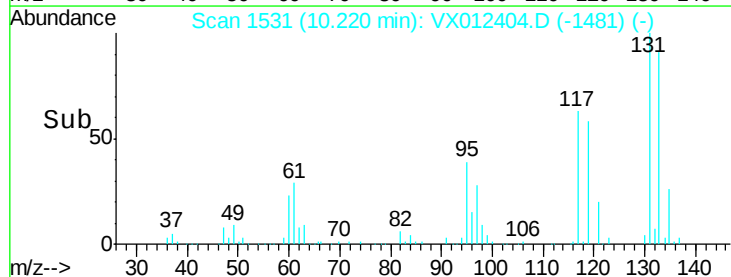
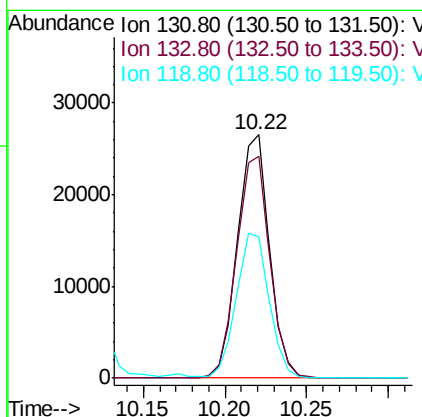
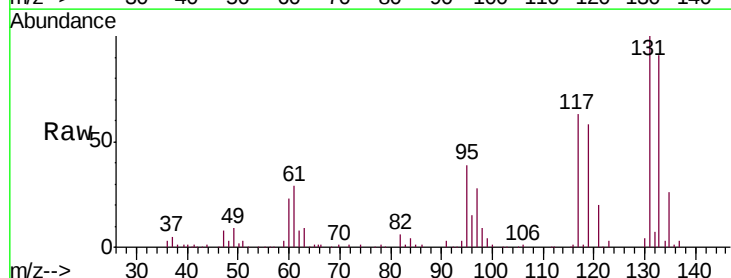
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

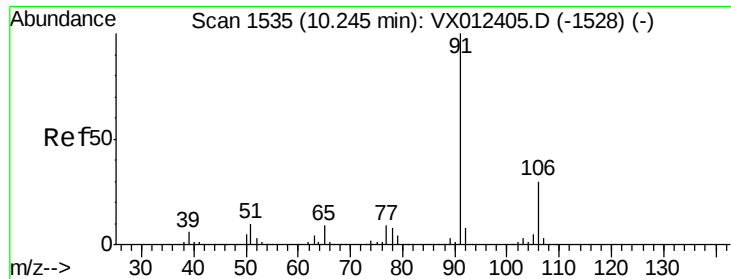
Tgt Ion:112 Resp: 83685
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 24.789 ug/l
RT: 10.22 min Scan# 1531
Delta R.T. 0.01 min
Lab File: VX012404.D
Acq: 16 Sep 2019 13:11

Tgt Ion:131 Resp: 36264
Ion Ratio Lower Upper
131 100
133 94.5 48.4 145.0
119 61.4 31.6 94.7





#67

Ethyl Benzene

Concen: 22.736 ug/l

RT: 10.25 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

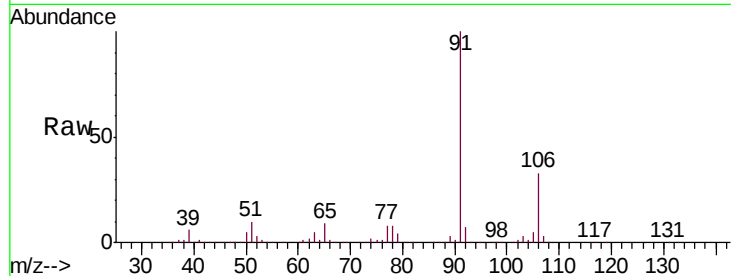
VSTDIC020

Tgt Ion: 91 Resp: 144668

Ion Ratio Lower Upper

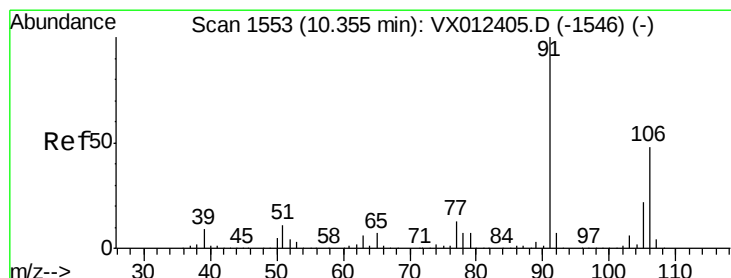
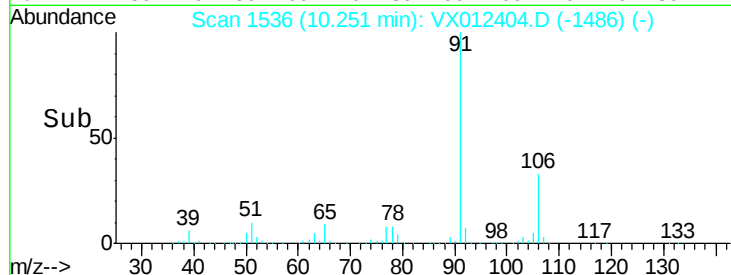
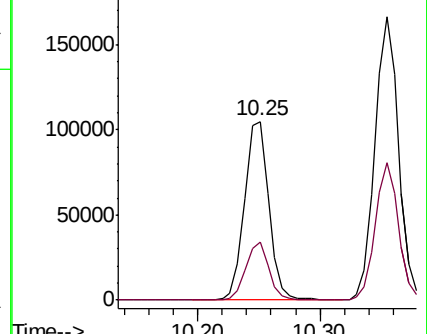
91 100

106 32.7 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 44.328 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX012404.D

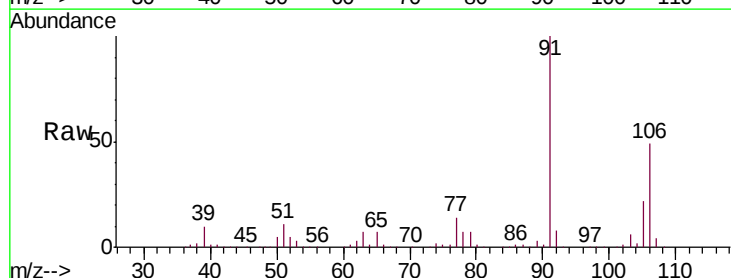
Acq: 16 Sep 2019 13:11

Tgt Ion:106 Resp: 107417

Ion Ratio Lower Upper

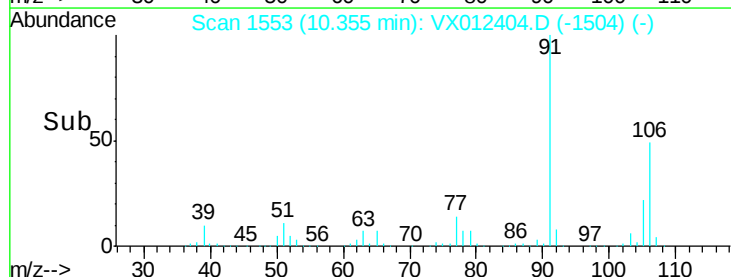
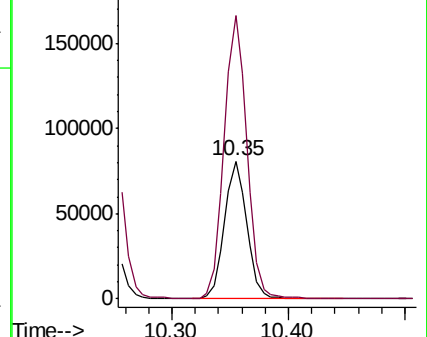
106 100

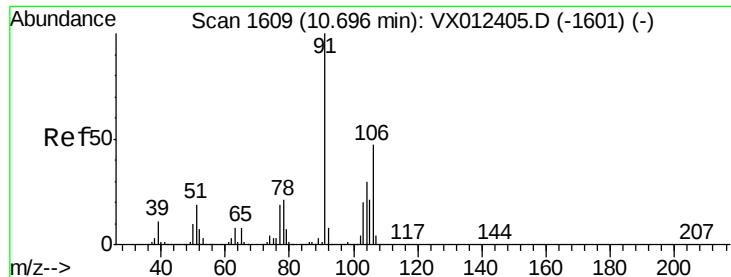
91 208.3 167.4 251.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

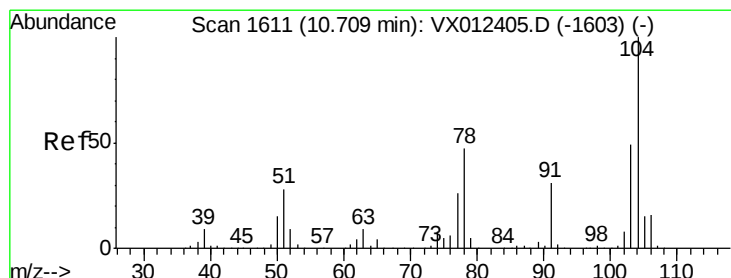
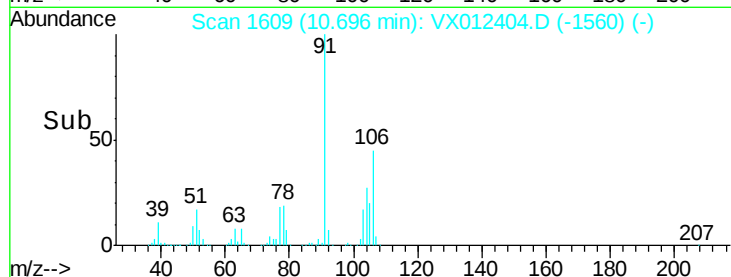
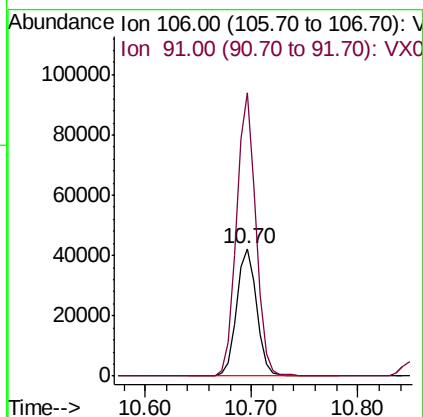
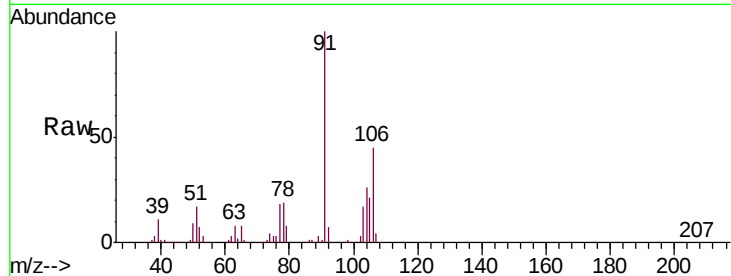




#69
o-Xylene
Concen: 23.233 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012404.D
Acq: 16 Sep 2019 13:11

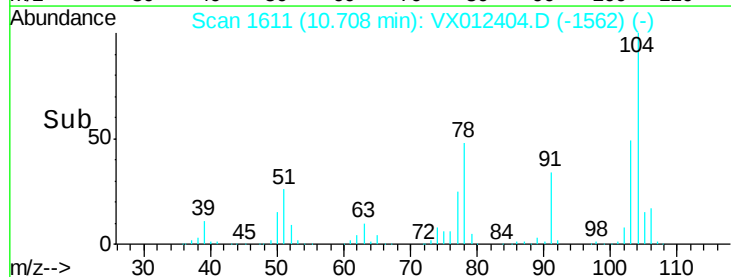
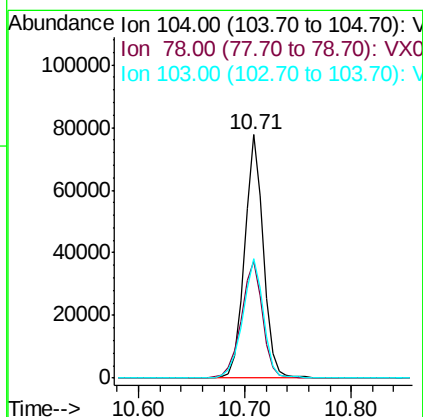
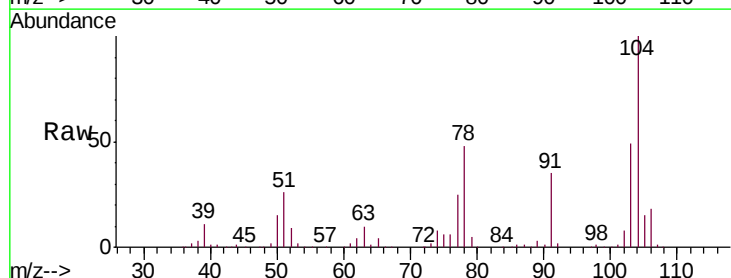
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

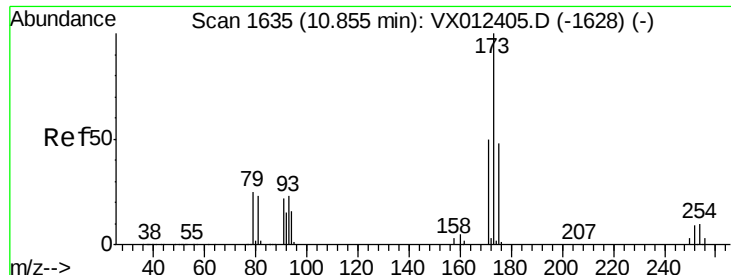
Tgt Ion:106 Resp: 55988
Ion Ratio Lower Upper
106 100
91 214.8 107.8 323.6



#70
Styrene
Concen: 23.599 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012404.D
Acq: 16 Sep 2019 13:11

Tgt Ion:104 Resp: 96321
Ion Ratio Lower Upper
104 100
78 54.7 42.3 63.5
103 54.0 42.9 64.3





#71

Bromoform

Concen: 21.898 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

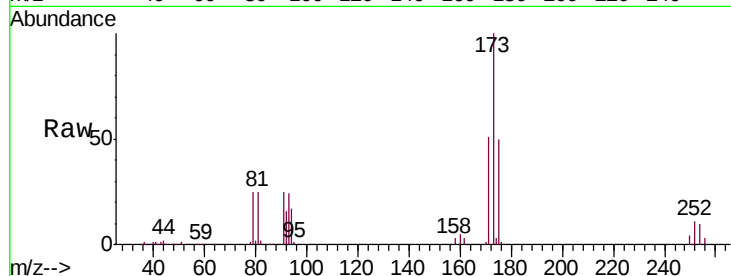
Tgt Ion:173 Resp: 27039

Ion Ratio Lower Upper

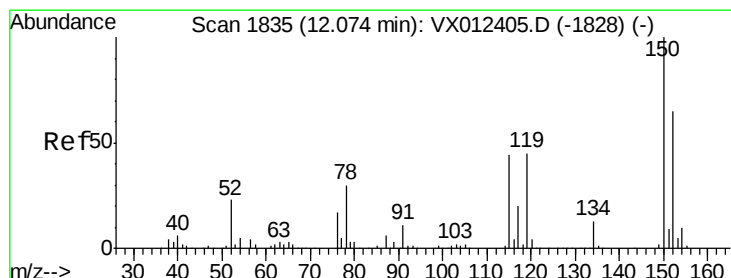
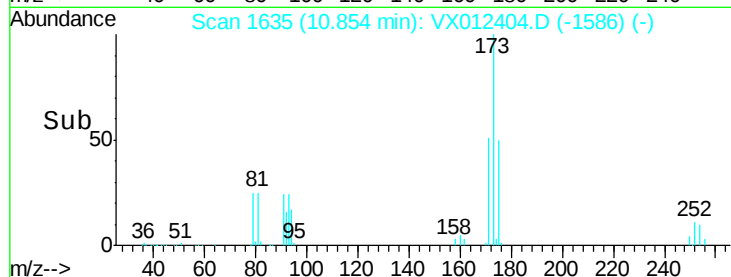
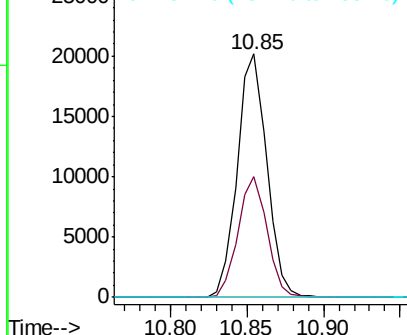
173 100

175 48.6 24.3 73.0

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

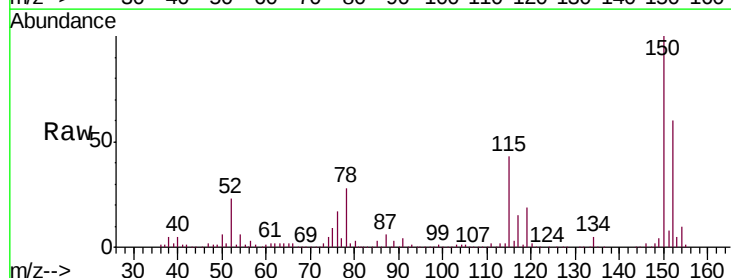
Tgt Ion:152 Resp: 109473

Ion Ratio Lower Upper

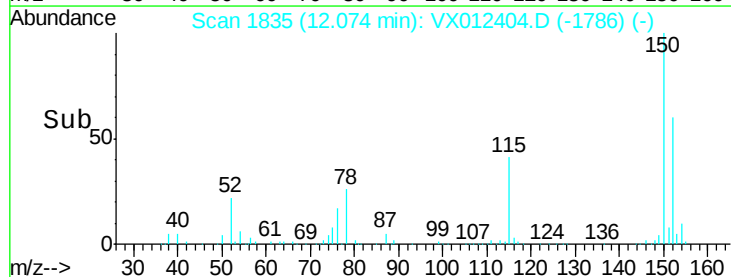
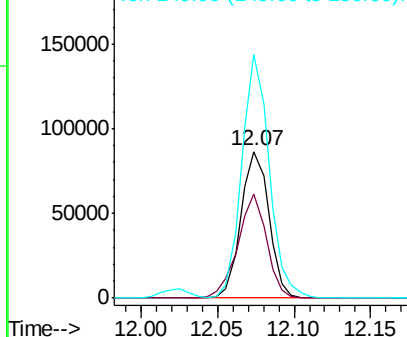
152 100

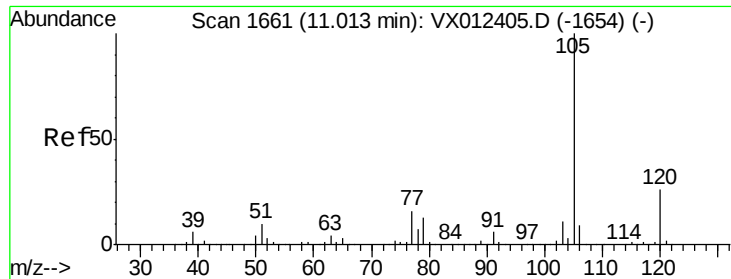
115 73.3 45.3 135.9

150 164.0 0.0 354.0



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





#73

Isopropylbenzene

Concen: 22.425 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

Instrument :

MSVOA_X

ClientSampled :

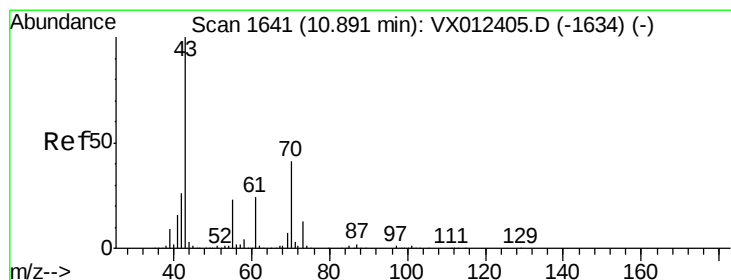
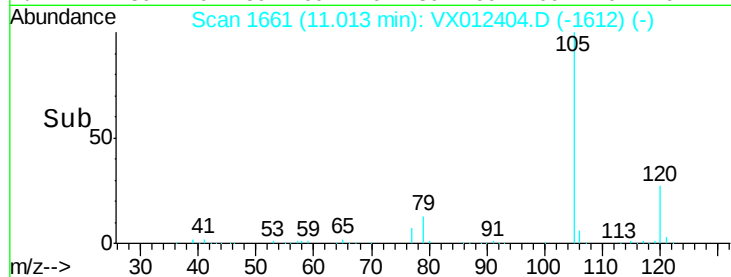
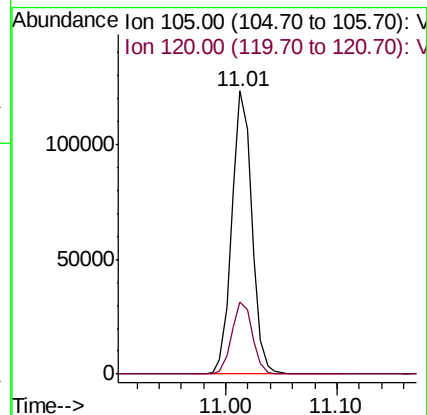
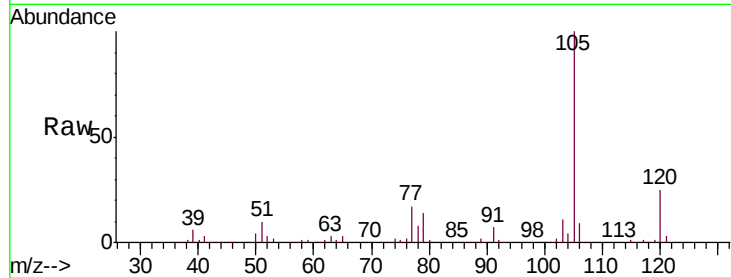
VSTDIC020

Tgt Ion: 105 Resp: 153813

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.6



#74

N-ethyl acetate

Concen: 27.400 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

Tgt Ion: 43 Resp: 78196

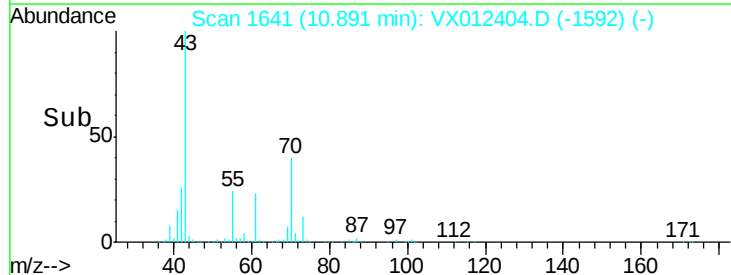
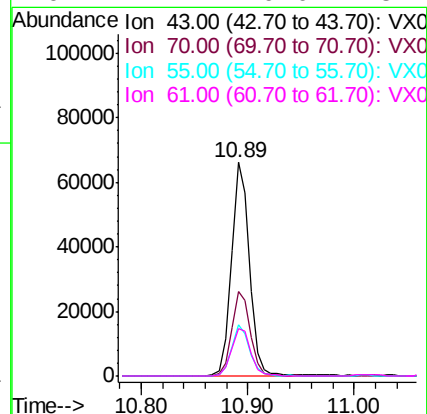
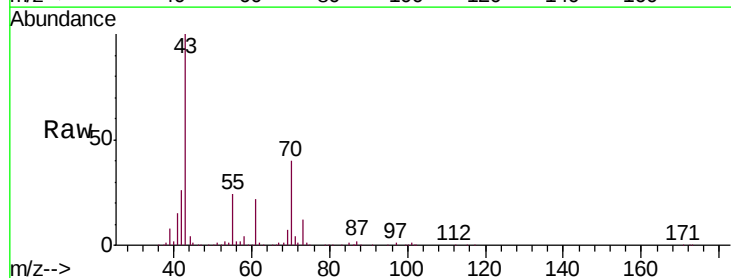
Ion Ratio Lower Upper

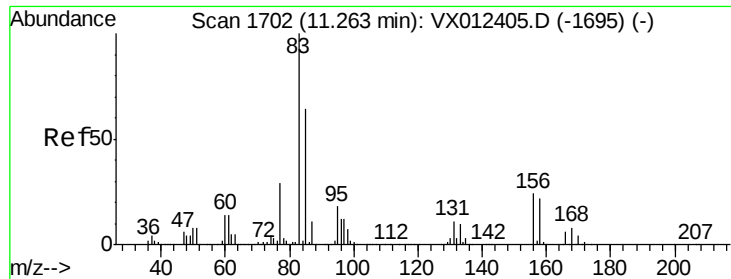
43 100

70 40.7 32.7 49.1

55 24.2 18.9 28.3

61 24.1 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 25.787 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

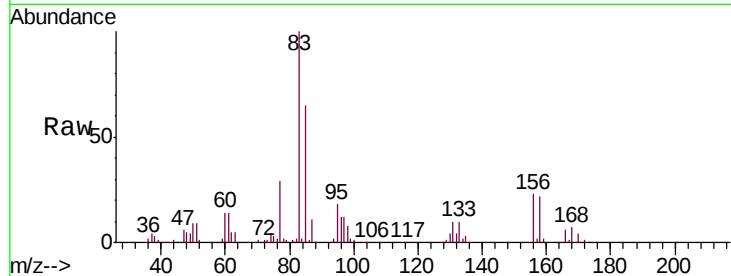
Tgt Ion: 83 Resp: 61129

Ion Ratio Lower Upper

83 100

131 10.5 5.5 16.4

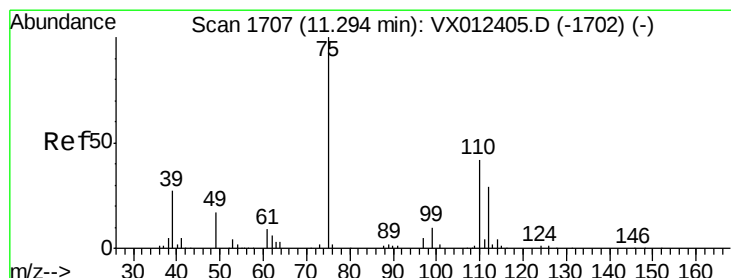
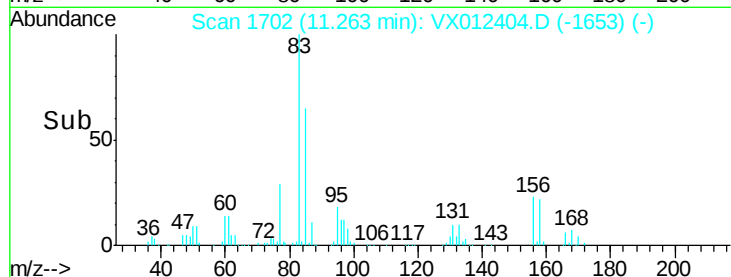
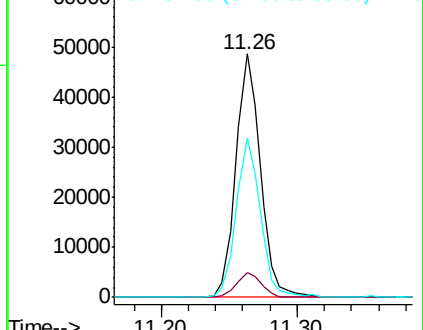
85 64.5 32.9 98.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 32.544 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012404.D

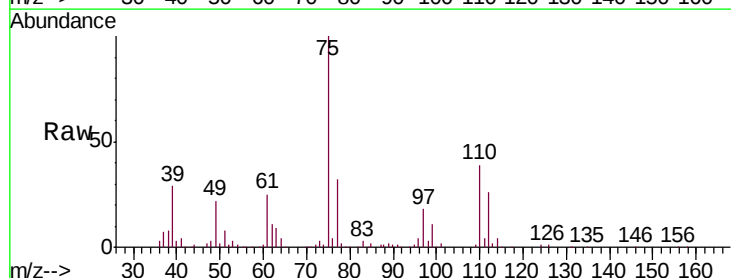
Acq: 16 Sep 2019 13:11

Tgt Ion: 75 Resp: 68963

Ion Ratio Lower Upper

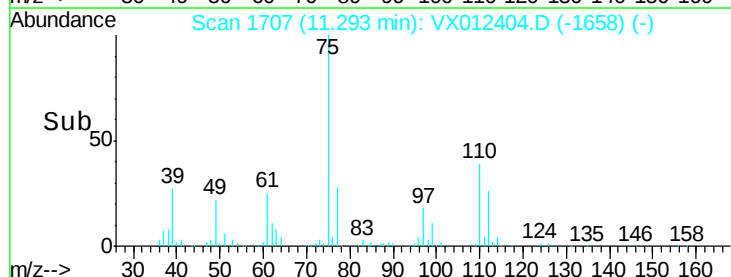
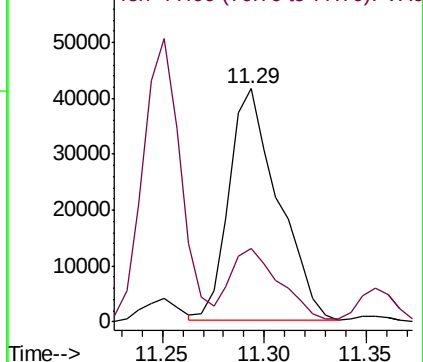
75 100

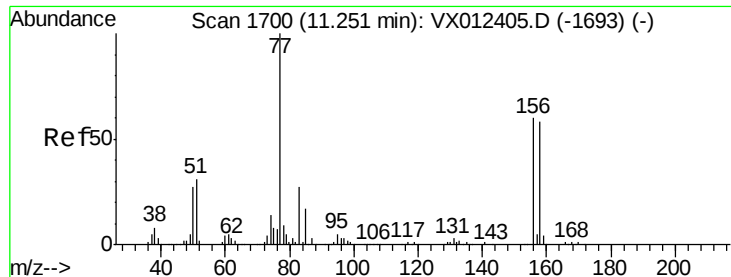
77 32.5 19.4 58.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.241 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

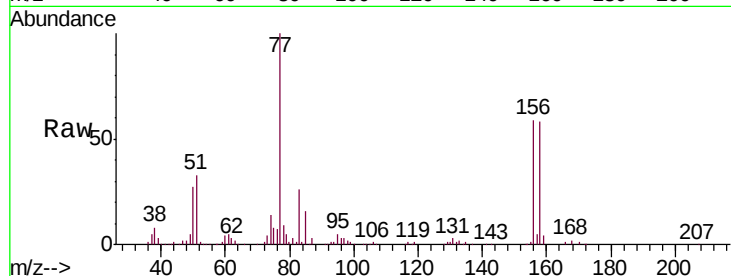
Tgt Ion:156 Resp: 38039

Ion Ratio Lower Upper

156 100

77 170.9 84.8 254.3

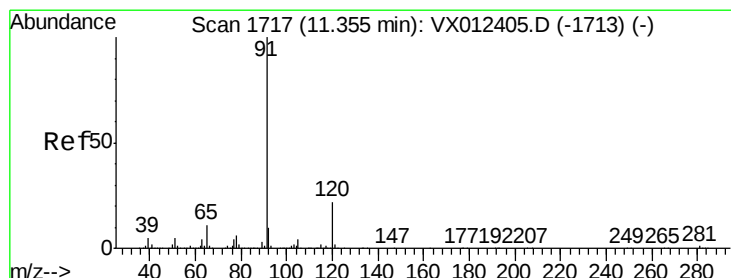
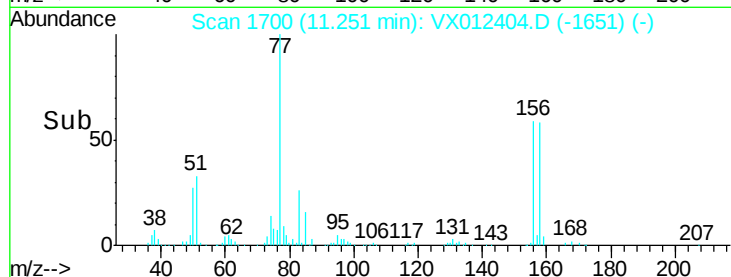
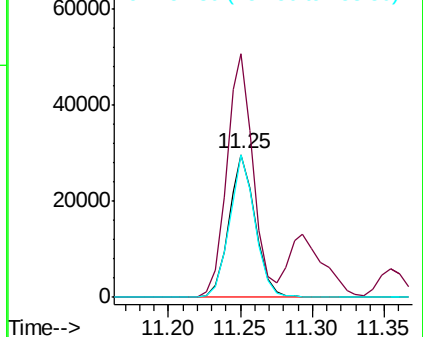
158 96.4 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 23.288 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012404.D

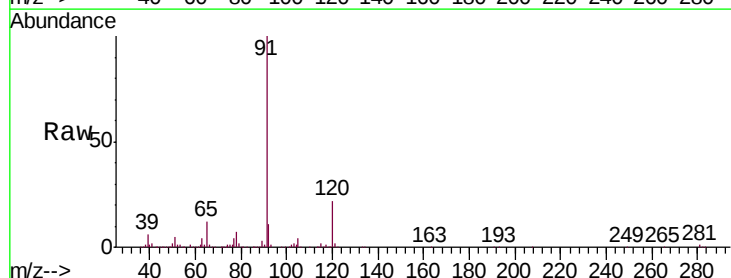
Acq: 16 Sep 2019 13:11

Tgt Ion: 91 Resp: 171893

Ion Ratio Lower Upper

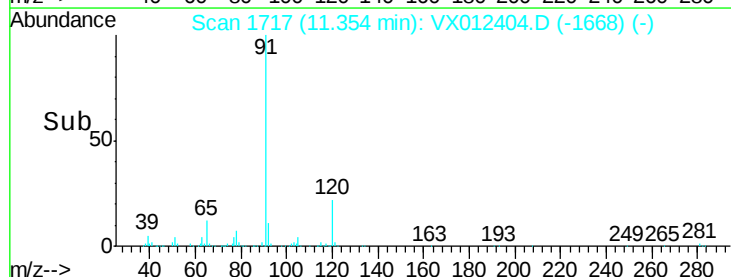
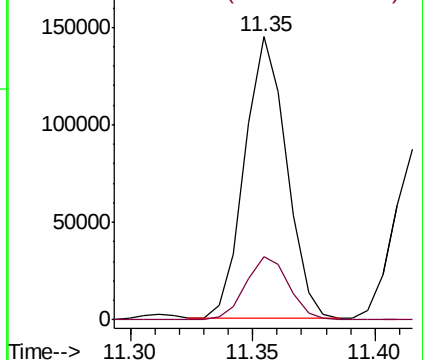
91 100

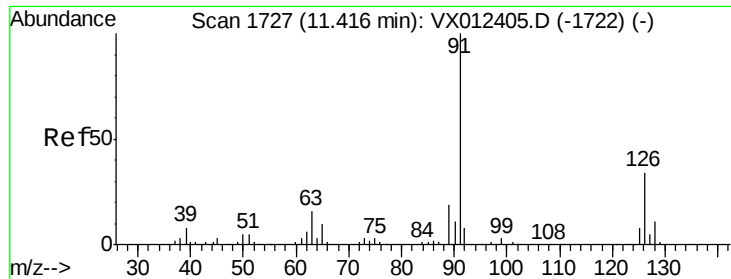
120 23.2 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

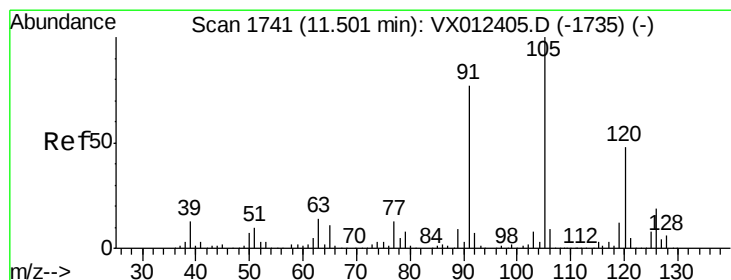
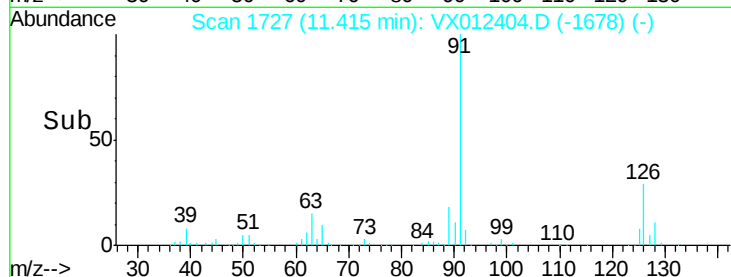
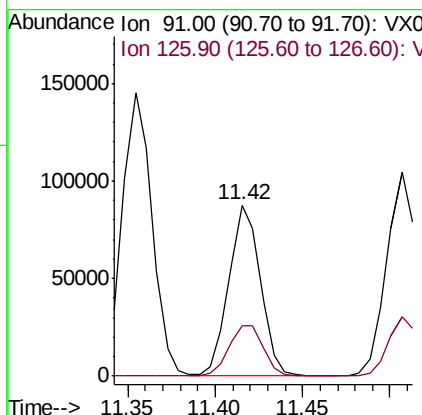
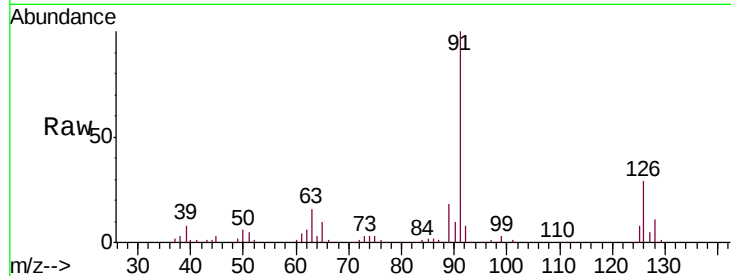




#79
 2-Chlorotoluene
 Concen: 23.714 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012404.D
 Acq: 16 Sep 2019 13:11

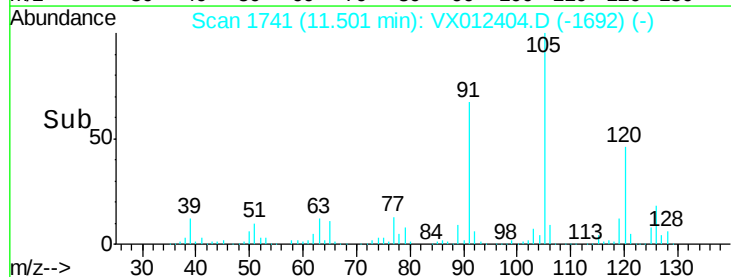
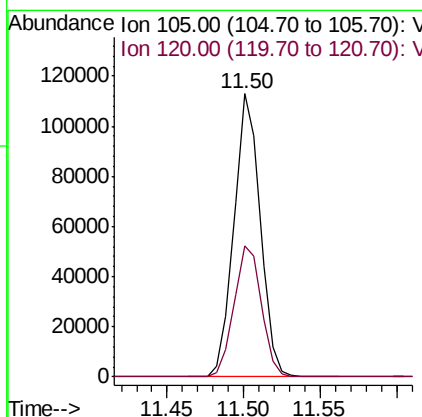
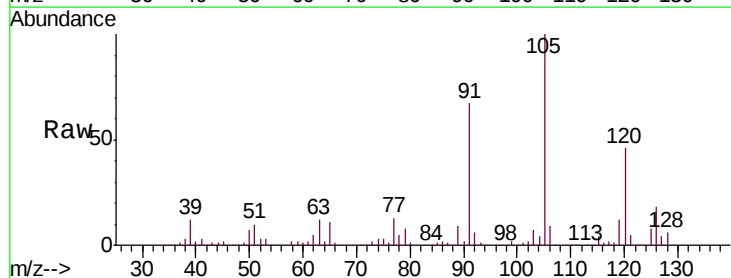
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

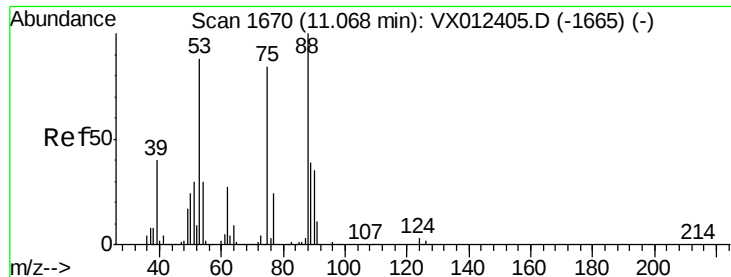
Tgt Ion: 91 Resp: 109789
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.4 49.2



#80
 1,3,5-Trimethylbenzene
 Concen: 23.304 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012404.D
 Acq: 16 Sep 2019 13:11

Tgt Ion: 105 Resp: 134119
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 25.349 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

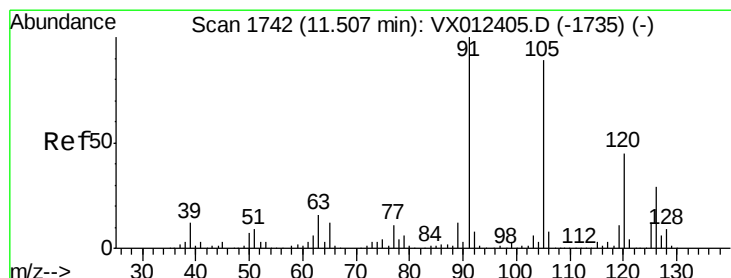
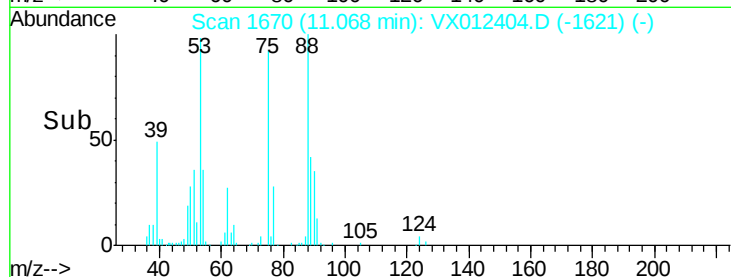
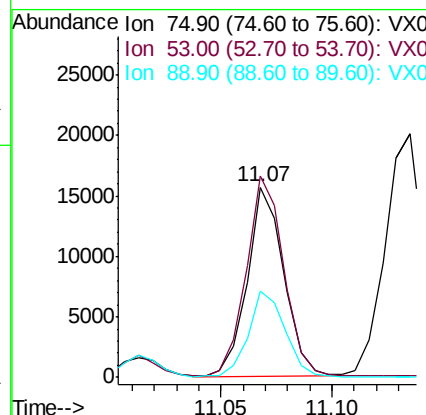
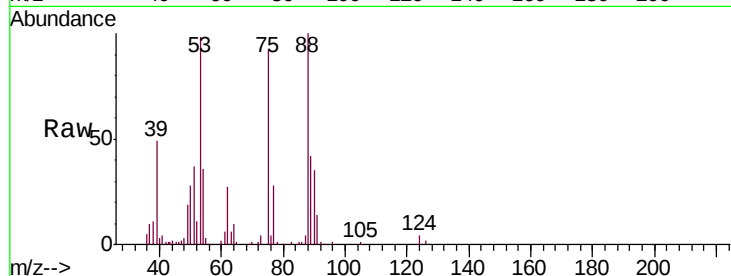
Tgt Ion: 75 Resp: 17974

Ion Ratio Lower Upper

75 100

53 108.8 84.6 127.0

89 46.8 38.8 58.2



#82

4-Chlorotoluene

Concen: 23.816 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012404.D

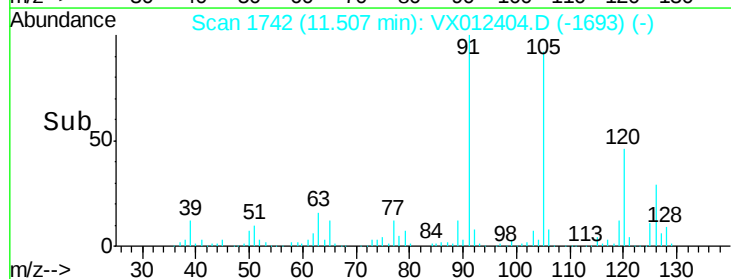
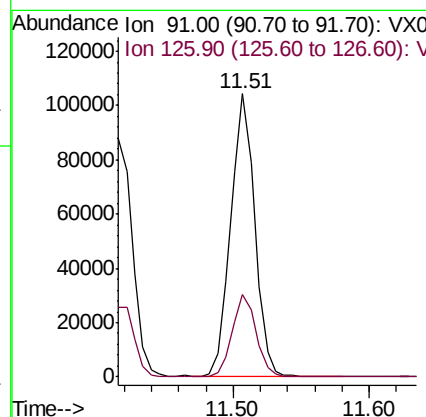
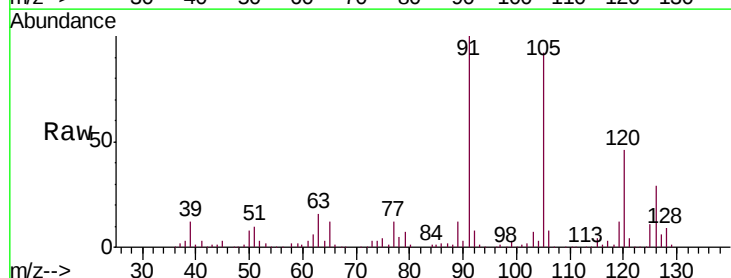
Acq: 16 Sep 2019 13:11

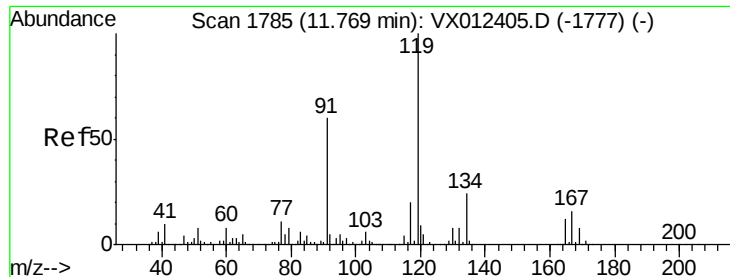
Tgt Ion: 91 Resp: 127671

Ion Ratio Lower Upper

91 100

126 28.9 14.1 42.3

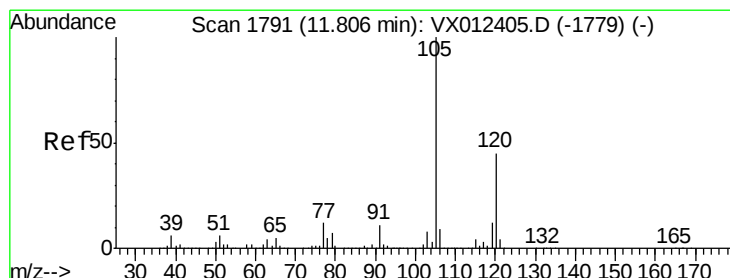
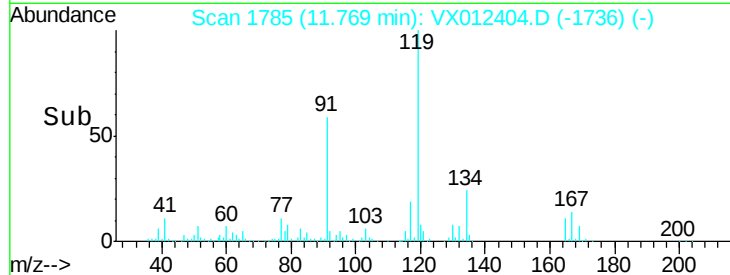
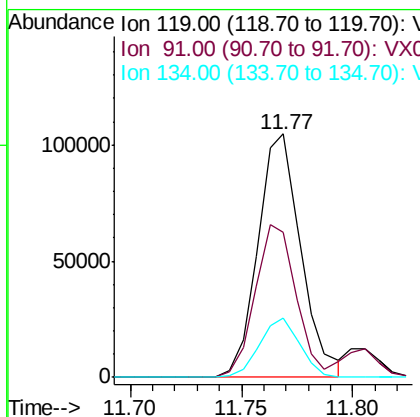
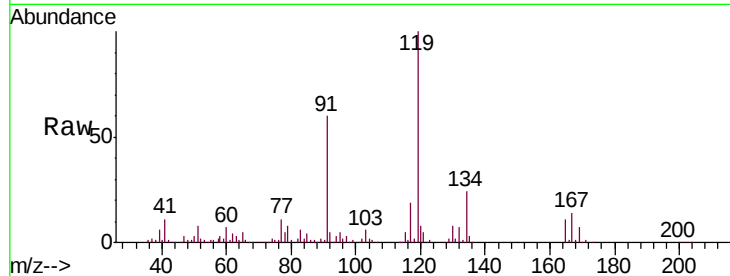




#83
 tert-Butylbenzene
 Concen: 24.526 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012404.D
 Acq: 16 Sep 2019 13:11

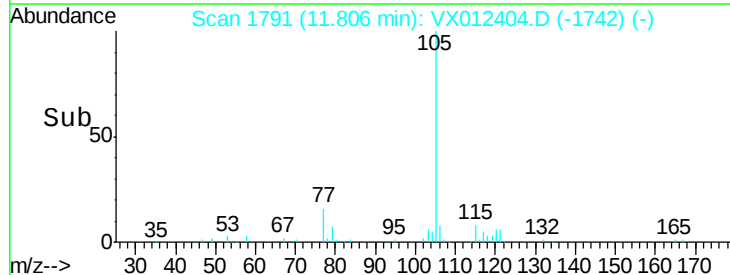
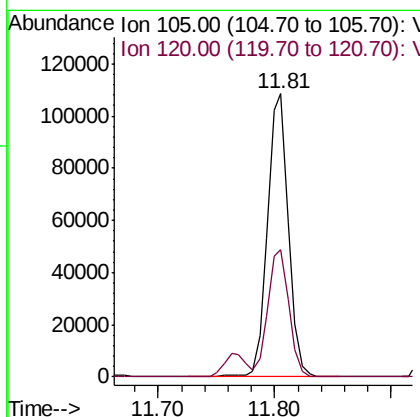
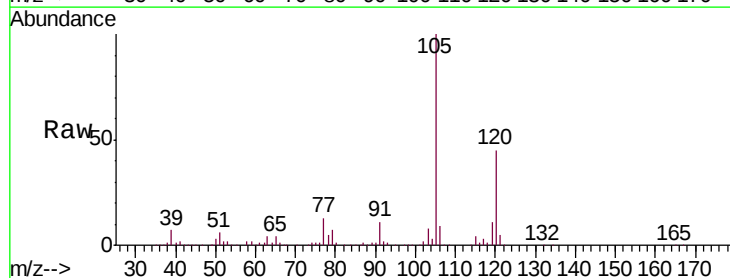
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

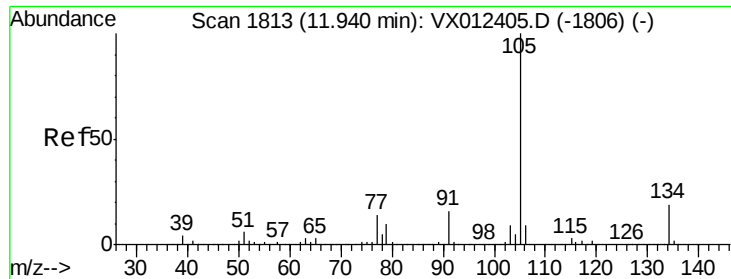
Tgt Ion	Ratio	Lower	Upper
119	100		
91	59.5	29.6	88.8
134	22.9	11.4	34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 23.325 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012404.D
 Acq: 16 Sep 2019 13:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.1	66.5

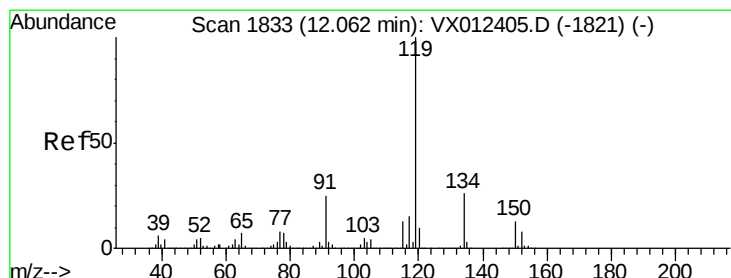
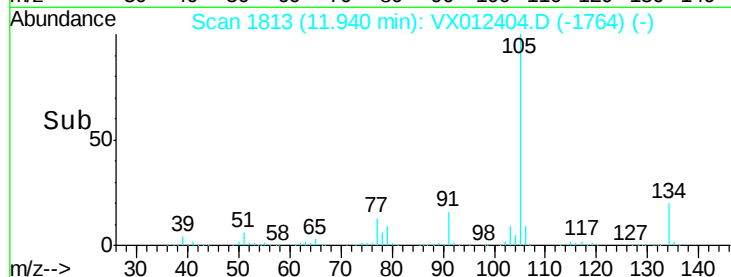
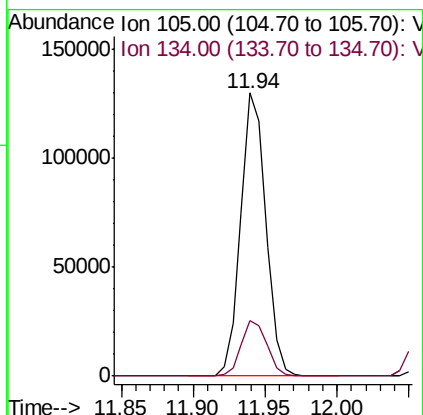
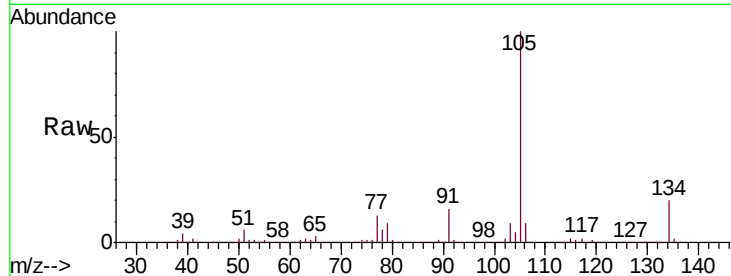




#85
 sec-Butylbenzene
 Concen: 23.929 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012404.D
 Acq: 16 Sep 2019 13:11

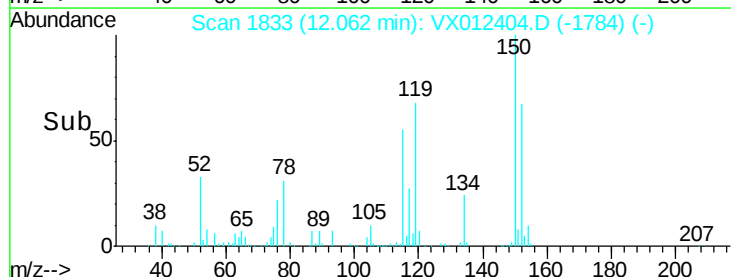
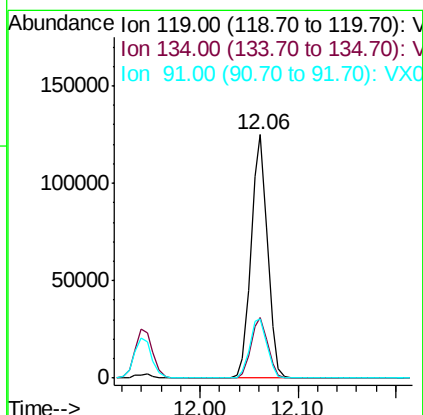
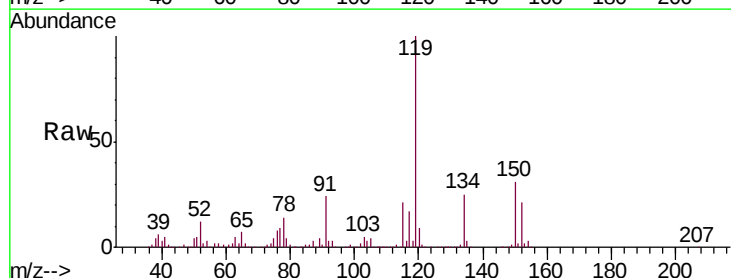
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

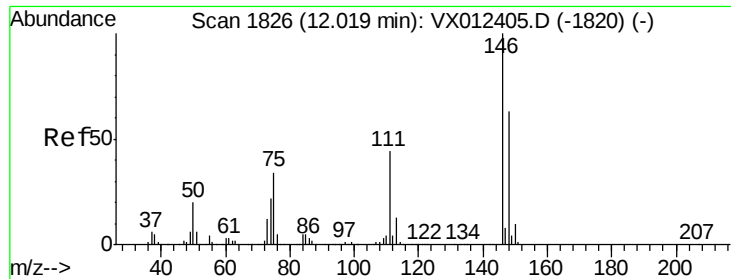
Tgt Ion:105 Resp: 157377
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 23.225 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012404.D
 Acq: 16 Sep 2019 13:11

Tgt Ion:119 Resp: 145172
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.6
 91 25.9 12.9 38.6

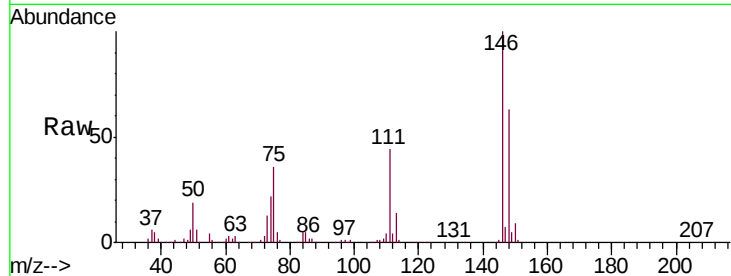




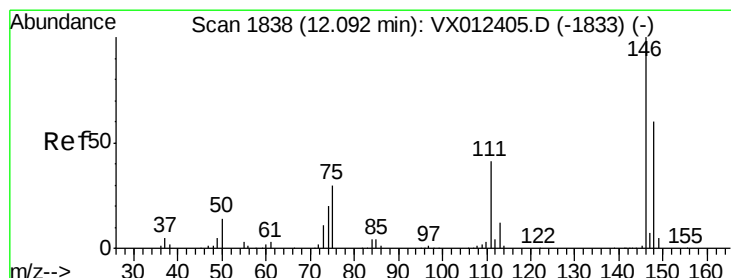
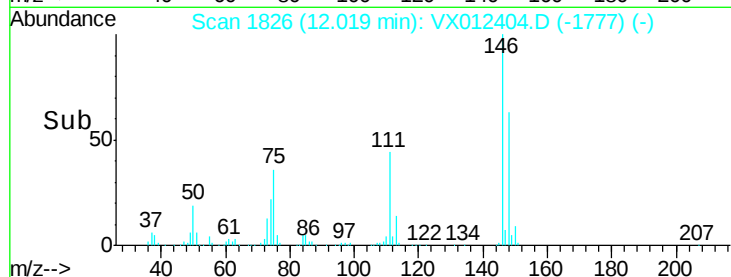
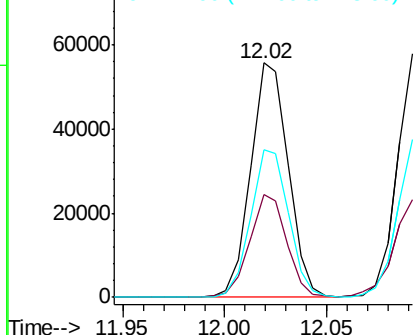
#87
 1,3-Dichlorobenzene
 Concen: 20.914 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012404.D
 Acq: 16 Sep 2019 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:146 Resp: 71653
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.3 64.0
 148 63.2 31.6 94.8

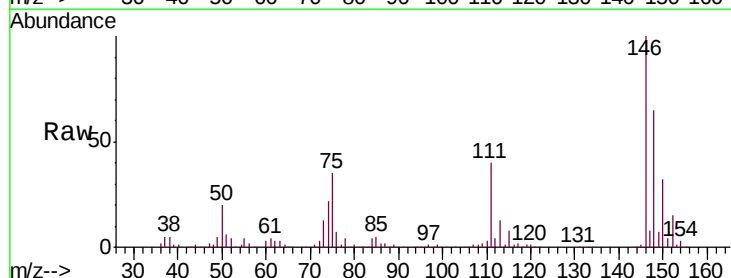


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

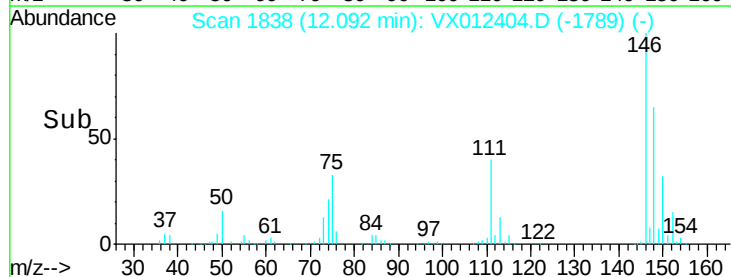
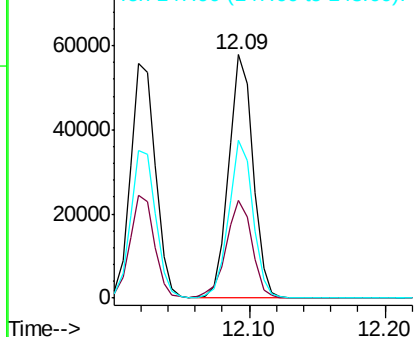


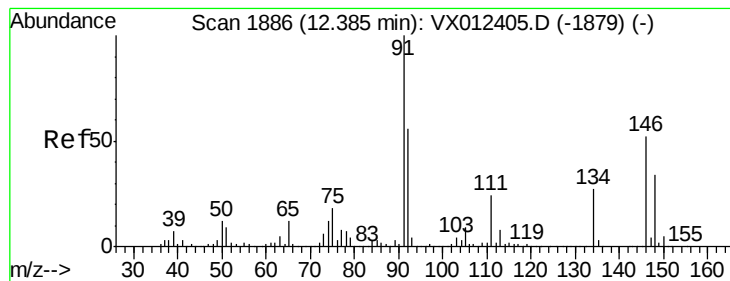
#88
 1,4-Dichlorobenzene
 Concen: 20.655 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012404.D
 Acq: 16 Sep 2019 13:11

Tgt Ion:146 Resp: 71971
 Ion Ratio Lower Upper
 146 100
 111 42.8 20.6 61.9
 148 64.4 31.6 94.8



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 23.640 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

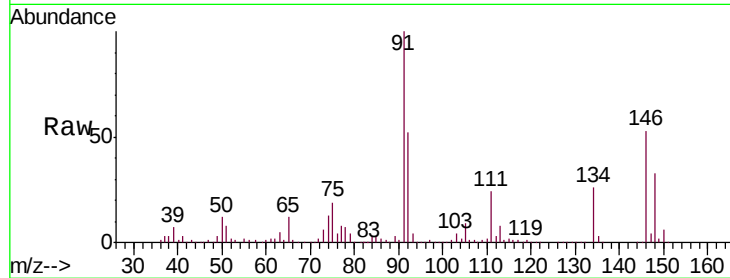
Tgt Ion: 91 Resp: 124116

Ion Ratio Lower Upper

91 100

92 53.6 27.5 82.4

134 25.8 13.2 39.6

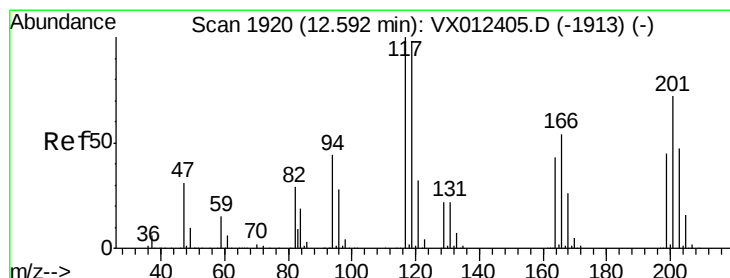
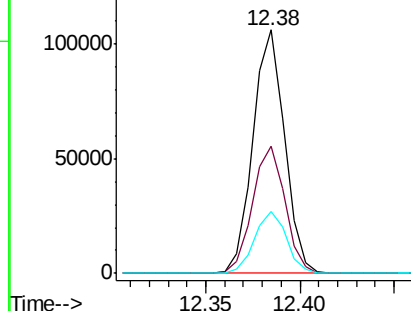
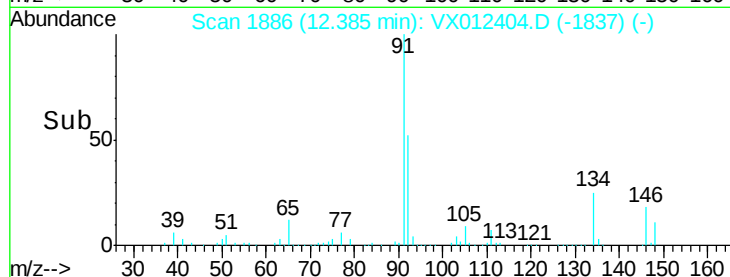


Abundance Ion 91.00 (90.70 to 91.70): VX012404.D (-1879) (-)

Ion 92.00 (91.70 to 92.70): VX012404.D (-1879) (-)

Ion 134.00 (133.70 to 134.70): VX012404.D (-1879) (-)

Time-->



#90

Hexachloroethane

Concen: 25.797 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012404.D

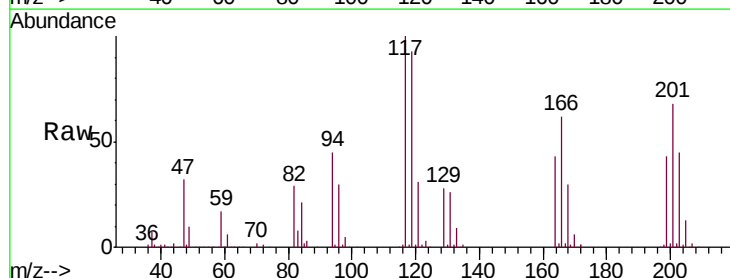
Acq: 16 Sep 2019 13:11

Tgt Ion: 117 Resp: 26190

Ion Ratio Lower Upper

117 100

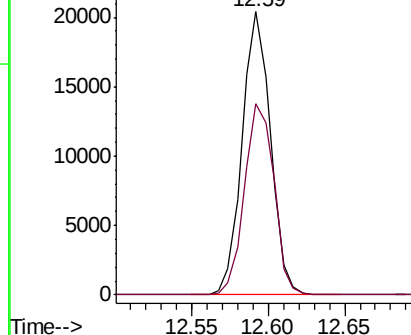
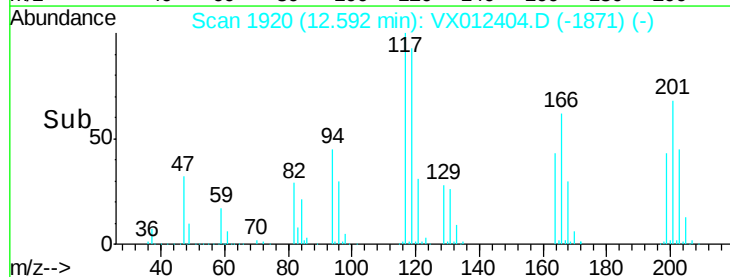
201 70.2 35.2 105.6

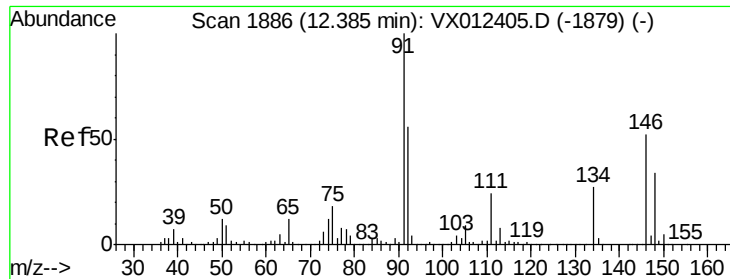


Abundance Ion 116.80 (116.50 to 117.50): VX012404.D (-1871) (-)

Ion 200.70 (200.40 to 201.40): VX012404.D (-1871) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 21.481 ug/l

RT: 12.39 min Scan# 1887

Delta R.T. 0.01 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

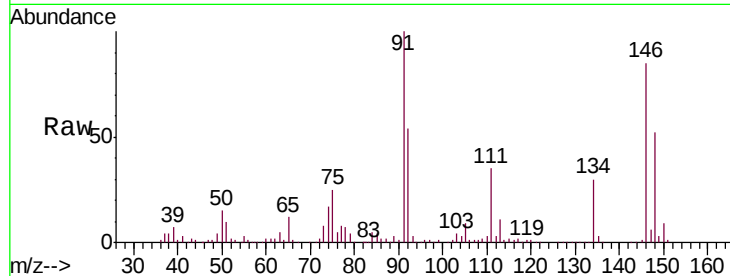
Tgt Ion:146 Resp: 74914

Ion Ratio Lower Upper

146 100

111 43.7 22.3 66.9

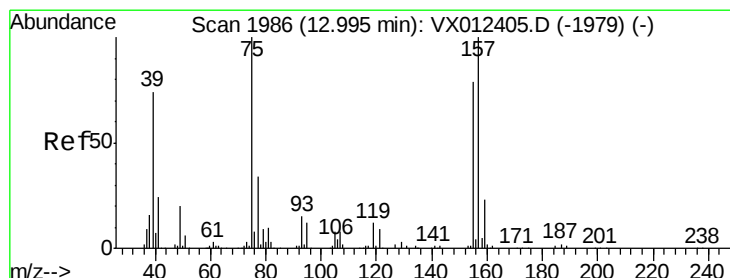
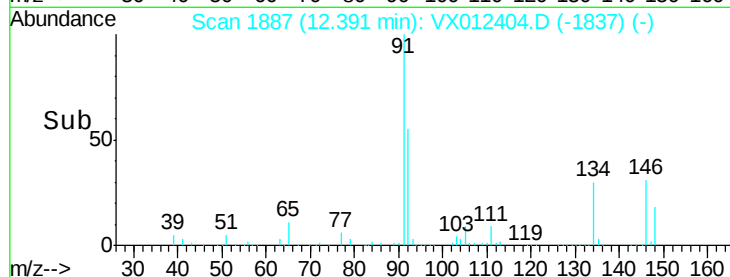
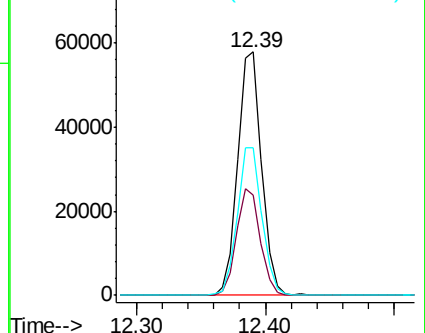
148 62.6 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 27.728 ug/l

RT: 12.99 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

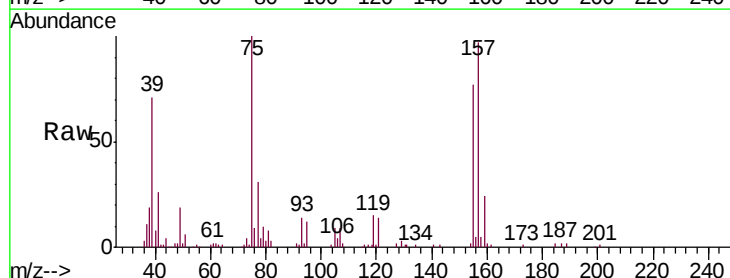
Tgt Ion: 75 Resp: 15739

Ion Ratio Lower Upper

75 100

155 77.1 39.8 119.4

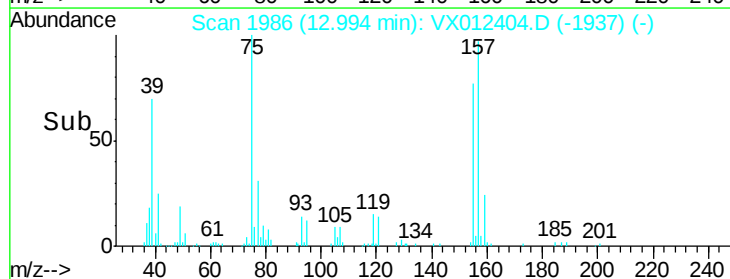
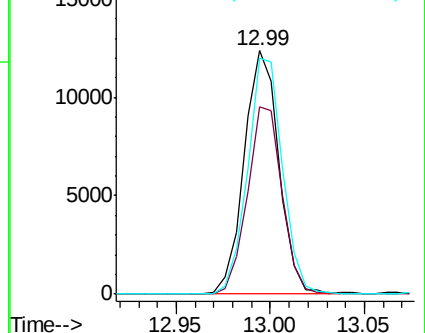
157 97.8 50.0 150.1

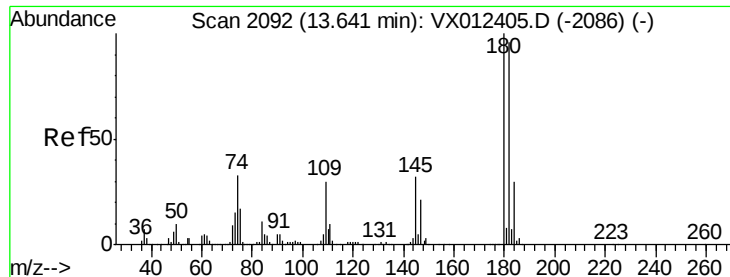


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

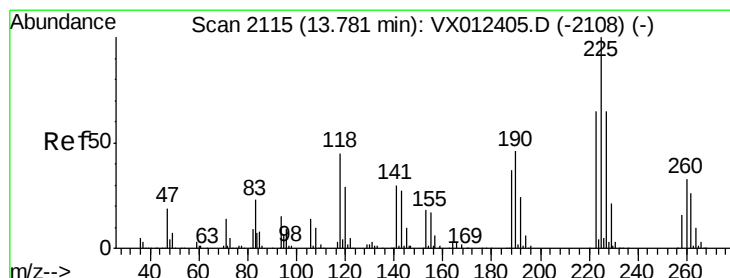
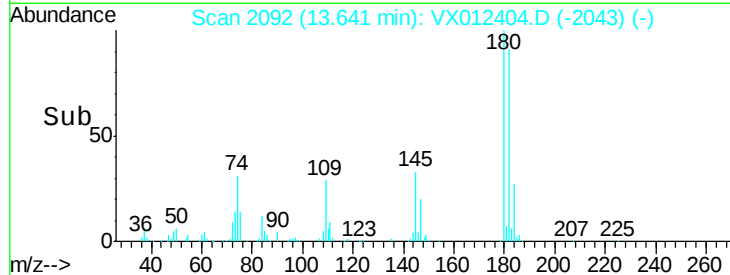
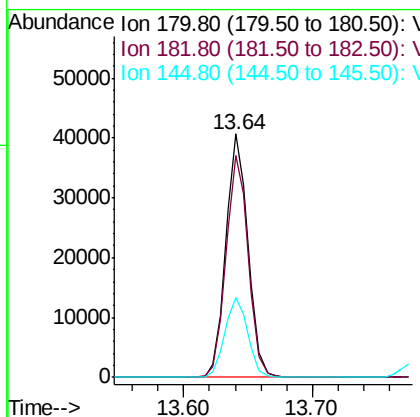
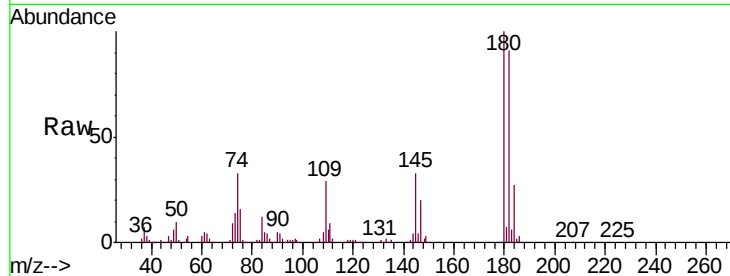




#93
 1,2,4-Trichlorobenzene
 Concen: 19.607 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012404.D
 Acq: 16 Sep 2019 13:11

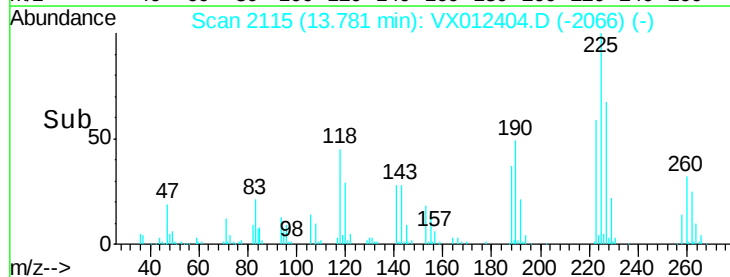
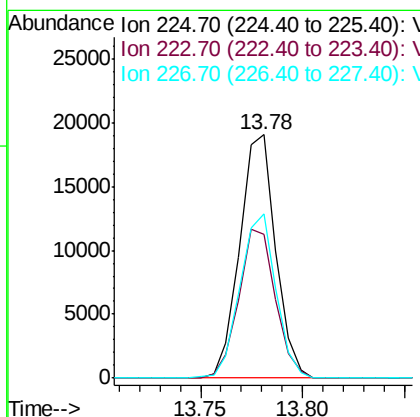
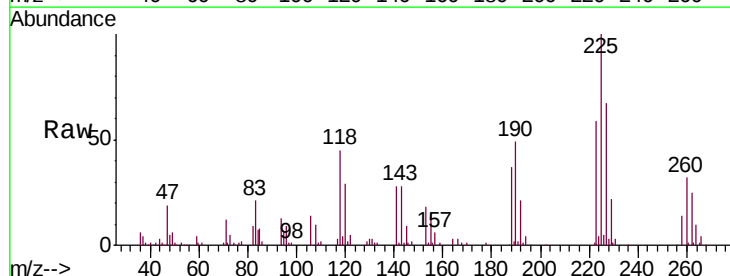
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

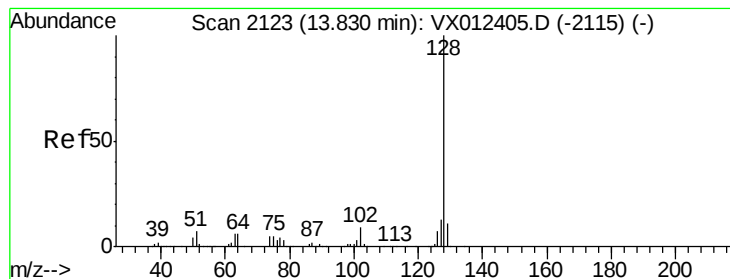
Tgt Ion:180 Resp: 49249
 Ion Ratio Lower Upper
 180 100
 182 91.5 48.1 144.4
 145 33.9 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 17.103 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012404.D
 Acq: 16 Sep 2019 13:11

Tgt Ion:225 Resp: 23313
 Ion Ratio Lower Upper
 225 100
 223 62.5 32.0 96.0
 227 67.2 32.8 98.3





#95

Naphthalene

Concen: 23.422 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

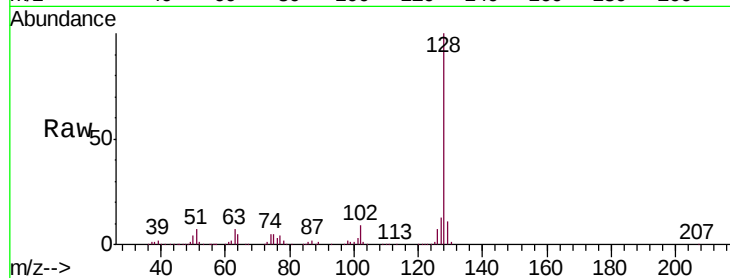
Tgt Ion:128 Resp: 171161

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

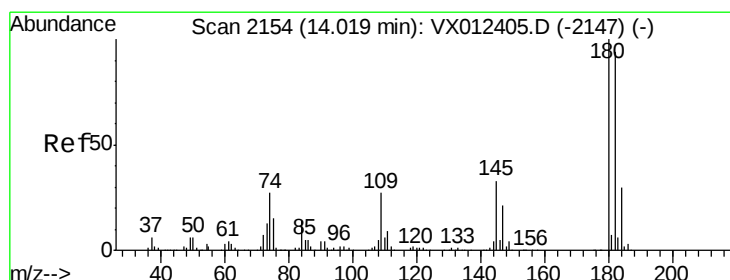
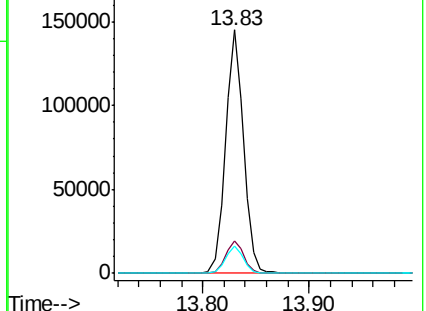
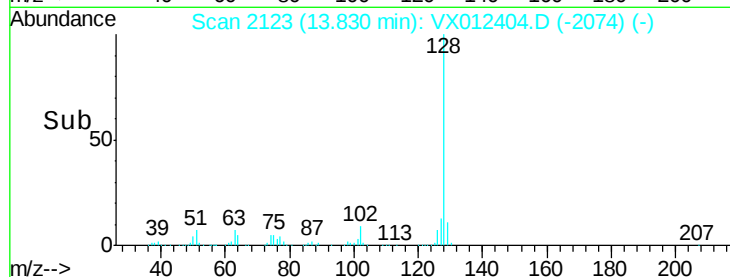
129 11.3 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.623 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VX012404.D

Acq: 16 Sep 2019 13:11

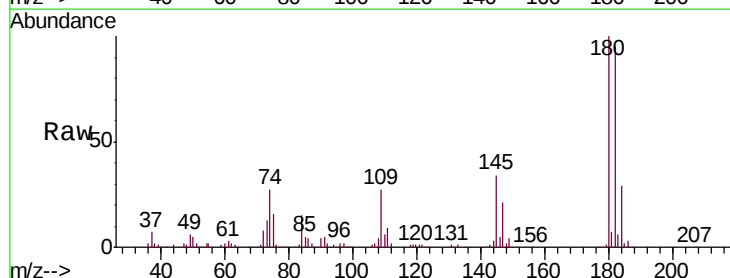
Tgt Ion:180 Resp: 49735

Ion Ratio Lower Upper

180 100

182 94.3 46.9 140.8

145 36.2 17.6 52.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

