

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091619\
 Data File : VX012402.D
 Acq On : 16 Sep 2019 12:24
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Sep 17 04:17:51 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	125195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	200188	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	181248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	106155	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	4085	2.67	ug/l	0.01
Spiked Amount			Recovery	=	5.34%	
35) Dibromofluoromethane	5.49	113	2966	2.08	ug/l	0.00
Spiked Amount			Recovery	=	4.16%	
50) Toluene-d8	8.71	98	10079	2.02	ug/l	0.00
Spiked Amount			Recovery	=	4.04%	
62) 4-Bromofluorobenzene	11.14	95	4164	2.08	ug/l	0.00
Spiked Amount			Recovery	=	4.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	936	0.806	ug/l	95
3) Chloromethane	1.32	50	863	0.840	ug/l	94
4) Vinyl Chloride	1.40	62	1123	1.079	ug/l	96
5) Bromomethane	1.63	94	796	1.468	ug/l	86
6) Chloroethane	1.72	64	806	1.313	ug/l #	81
7) Trichlorofluoromethane	1.92	101	1588	0.929	ug/l	90
8) Diethyl Ether	2.18	74	870	1.431	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1213	1.118	ug/l #	88
10) Methyl Iodide	2.50	142	1121	0.897	ug/l #	73
11) Tert butyl alcohol	3.00	59	8042	24.498	ug/l #	72
12) 1,1-Dichloroethene	2.37	96	879	0.859	ug/l #	82
13) Acrolein	2.28	56	2246	16.817	ug/l	88
14) Allyl chloride	2.72	41	2216	1.292	ug/l	90
15) Acrylonitrile	3.13	53	4864	7.416	ug/l	93
16) Acetone	2.43	43	6353	9.918	ug/l	96
17) Carbon Disulfide	2.56	76	1170	0.500	ug/l #	88
18) Methyl Acetate	2.76	43	2490	1.498	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	5128	1.402	ug/l	99
20) Methylene Chloride	2.84	84	1814	1.521	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	1055	0.968	ug/l #	88
22) Diisopropyl ether	3.85	45	5271	1.507	ug/l #	89
23) Vinyl Acetate	3.81	43	18509	6.360	ug/l	99
24) 1,1-Dichloroethane	3.69	63	2629	1.340	ug/l #	90
25) 2-Butanone	4.67	43	7365	7.865	ug/l	98
26) 2,2-Dichloropropane	4.56	77	2639	1.530	ug/l	90
27) cis-1,2-Dichloroethene	4.59	96	1621	1.231	ug/l	93
28) Bromochloromethane	5.00	49	1744	1.921	ug/l #	37
29) Tetrahydrofuran	5.13	42	4008	6.883	ug/l #	78
30) Chloroform	5.19	83	1886	0.874	ug/l	84
31) Cyclohexane	5.58	56	443	0.278	ug/l #	59
32) 1,1,1-Trichloroethane	5.48	97	2386	1.281	ug/l #	45
36) 1,1-Dichloropropene	5.79	75	1917	1.179	ug/l #	77
37) Ethyl Acetate	4.83	43	2334	1.246	ug/l #	84
38) Carbon Tetrachloride	5.77	117	1907	1.008	ug/l #	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	1465	0.759	ug/l	93
40) Benzene	6.14	78	4612	0.906	ug/l	96
41) Methacrylonitrile	5.03	41	1225	1.106	ug/l	94
42) 1,2-Dichloroethane	6.19	62	2229	1.150	ug/l	96
43) Isopropyl Acetate	6.43	43	4307	1.397	ug/l	100
44) Trichloroethene	7.21	130	1270	0.833	ug/l	39
45) 1,2-Dichloropropane	7.50	63	1679	1.276	ug/l	97
46) Dibromomethane	7.65	93	1068	1.120	ug/l	91
47) Bromodichloromethane	7.89	83	2223	1.232	ug/l	100
48) Methyl methacrylate	7.77	41	1373	0.910	ug/l #	50
49) 1,4-Dioxane	7.75	88	850	20.757	ug/l #	47
51) 4-Methyl-2-Pentanone	8.64	43	12509	6.152	ug/l	99
52) Toluene	8.78	92	3067	0.933	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	2198	1.166	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	2274	1.121	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	1981	1.395	ug/l #	64
56) Ethyl methacrylate	9.17	69	2233	1.091	ug/l #	86
57) 1,3-Dichloropropane	9.37	76	2838	1.223	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	6214	5.723	ug/l	98
59) 2-Hexanone	9.49	43	9868	6.346	ug/l	93
60) Dibromochloromethane	9.57	129	1426	0.925	ug/l	98
61) 1,2-Dibromoethane	9.67	107	1503	1.014	ug/l	94
64) Tetrachloroethene	9.33	164	1141	0.814	ug/l	97
65) Chlorobenzene	10.14	112	3864	1.042	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	1466	1.032	ug/l #	68
67) Ethyl Benzene	10.25	91	6201	1.004	ug/l	93
68) m/p-Xylenes	10.36	106	4573	1.944	ug/l	98
69) o-Xylene	10.70	106	2488	1.063	ug/l	99
70) Styrene	10.71	104	3586	0.905	ug/l	93
71) Bromoform	10.85	173	973	0.812	ug/l #	93
73) Isopropylbenzene	11.01	105	6179	0.929	ug/l	99
74) N-amyl acetate	10.89	43	3130	1.131	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.26	83	2481	1.079	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	2823	1.374	ug/l	98
77) Bromobenzene	11.25	156	1688	0.881	ug/l	95
78) n-propylbenzene	11.35	91	7080	0.989	ug/l	94
79) 2-Chlorotoluene	11.42	91	4789	1.067	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	5000	0.896	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.07	75	710	1.033	ug/l #	75
82) 4-Chlorotoluene	11.51	91	5290	1.018	ug/l	99
83) tert-Butylbenzene	11.76	119	5804	1.042	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	5157	0.913	ug/l	99
85) sec-Butylbenzene	11.94	105	5849	0.917	ug/l	98
86) p-Isopropyltoluene	12.06	119	5206	0.859	ug/l	81
87) 1,3-Dichlorobenzene	12.02	146	3214	0.967	ug/l	94
88) 1,4-Dichlorobenzene	12.02	146	3214	0.951	ug/l	95
89) n-Butylbenzene	12.39	91	4619	0.907	ug/l	99
90) Hexachloroethane	12.59	117	1049	1.066	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	3134	0.927	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	12.99	75	649	1.179	ug/l	81

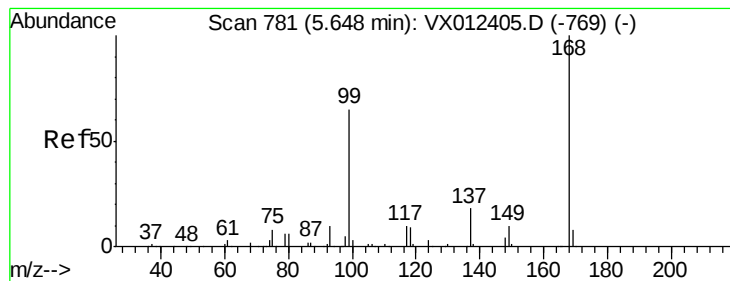
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091619\
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ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	1957	0.803	ug/l	97
94) Hexachlorobutadiene	13.78	225	1016	0.769	ug/l	94
95) Naphthalene	13.83	128	5660	0.799	ug/l	97
96) 1,2,3-Trichlorobenzene	14.02	180	1787	0.727	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012402.D

Acq: 16 Sep 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

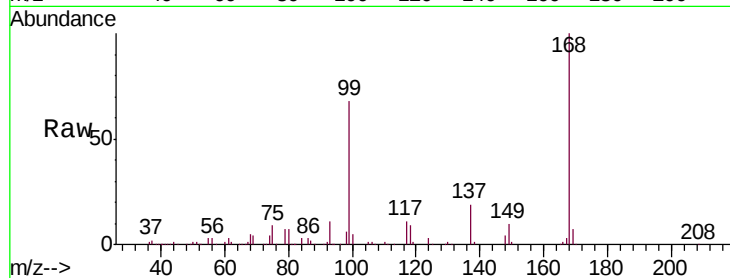
VSTDIC001

Tgt Ion:168 Resp: 125195

Ion Ratio Lower Upper

168 100

99 68.4 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

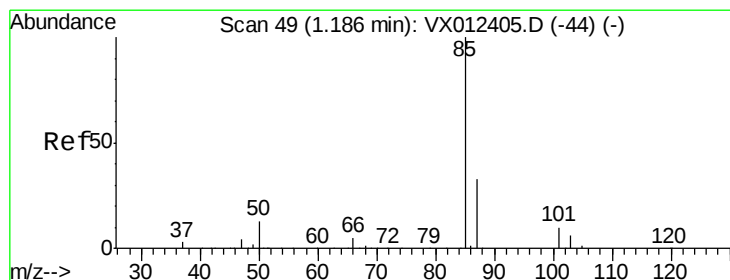
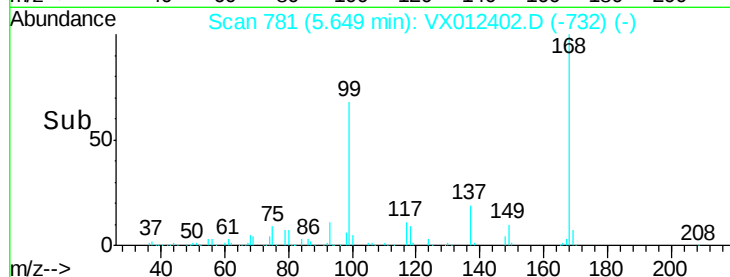
30000

20000

10000

0

Time--> 5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 0.806 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012402.D

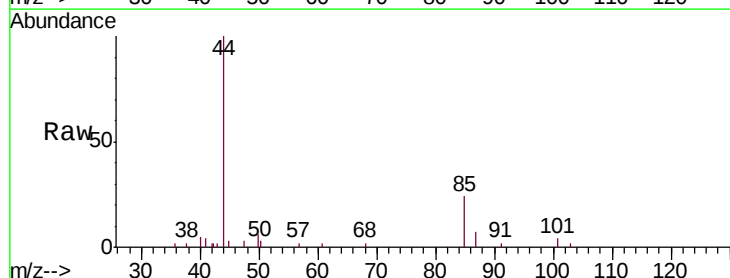
Acq: 16 Sep 2019 12:24

Tgt Ion: 85 Resp: 936

Ion Ratio Lower Upper

85 100

87 30.0 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

800

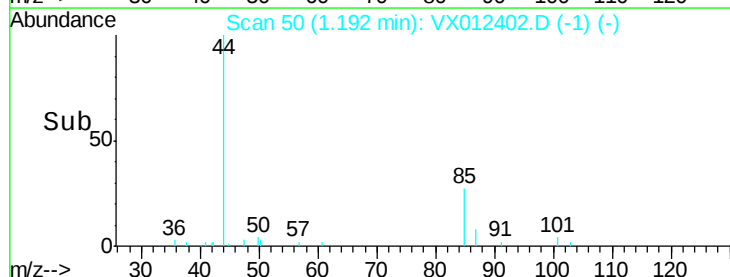
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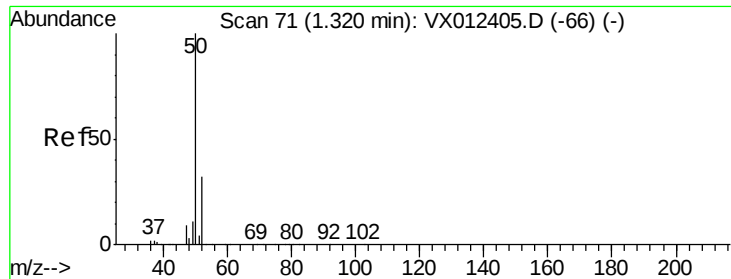
400

200

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 0.840 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012402.D

Acq: 16 Sep 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

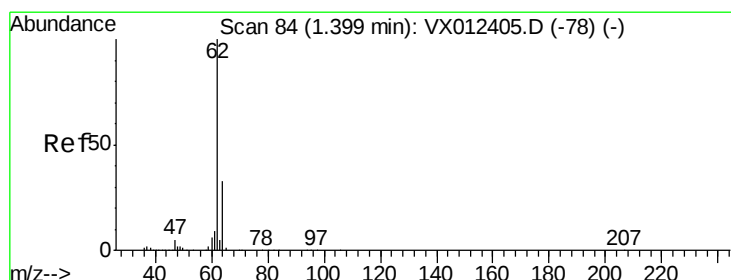
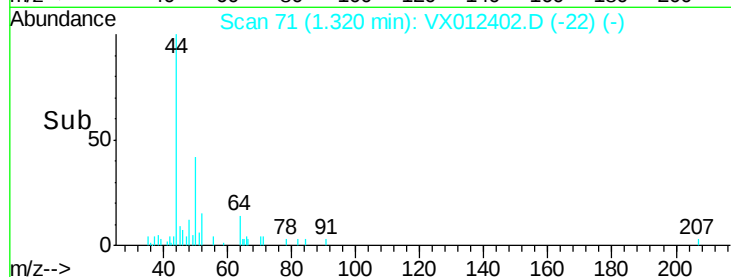
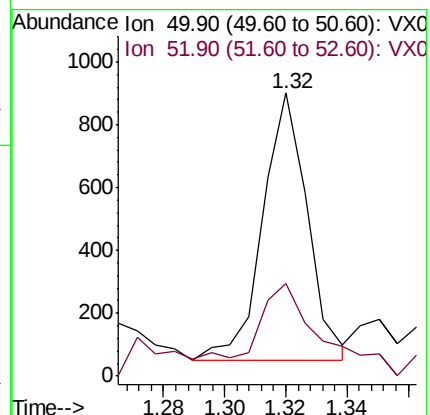
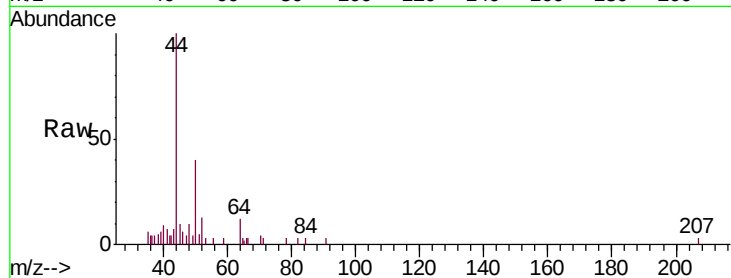
VSTDIC001

Tgt Ion: 50 Resp: 863

Ion Ratio Lower Upper

50 100

52 28.4 25.4 38.2



#4

Vinyl Chloride

Concen: 1.079 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012402.D

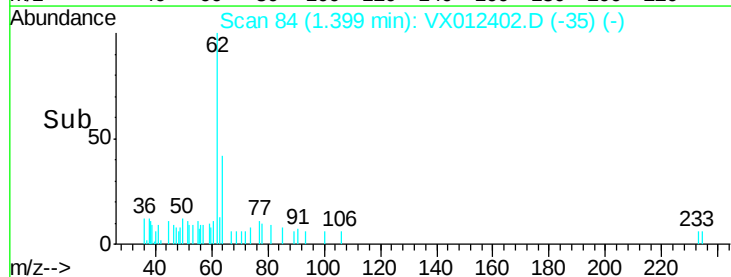
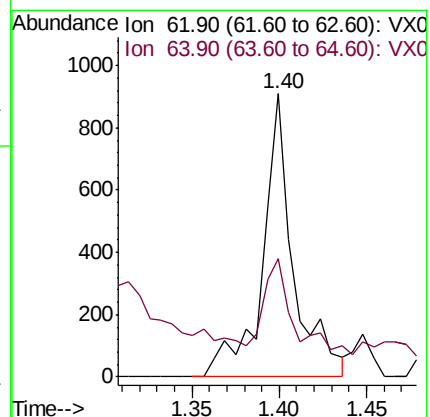
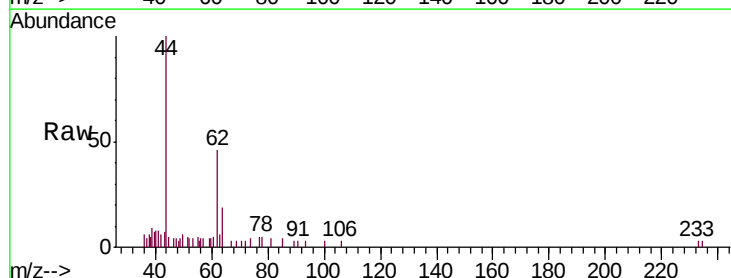
Acq: 16 Sep 2019 12:24

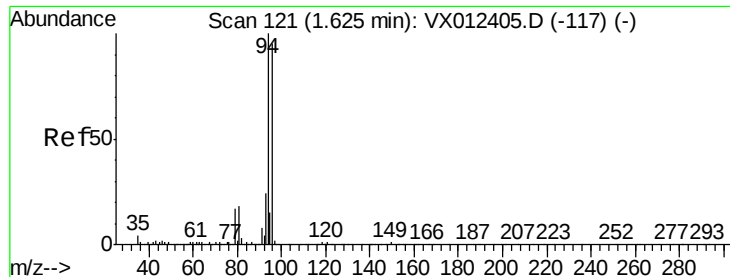
Tgt Ion: 62 Resp: 1123

Ion Ratio Lower Upper

62 100

64 30.7 26.2 39.2





#5

Bromomethane

Concen: 1.468 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012402.D

Acq: 16 Sep 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

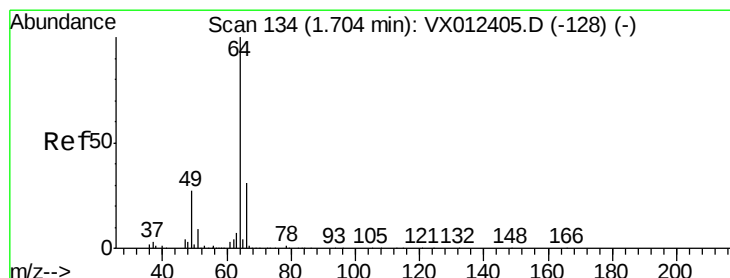
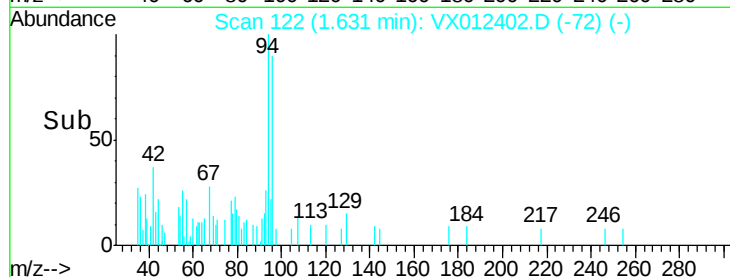
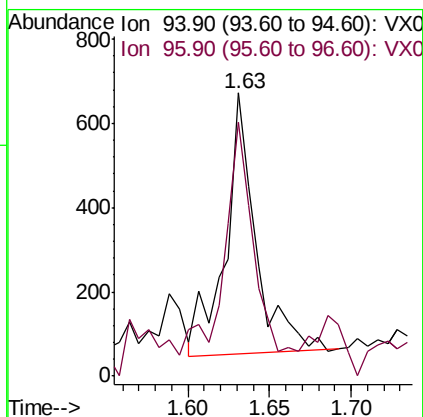
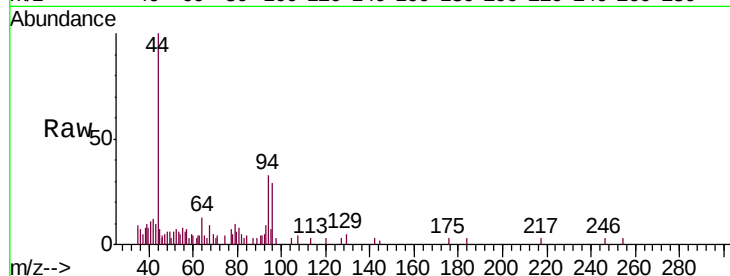
VSTDIC001

Tgt Ion: 94 Resp: 796

Ion Ratio Lower Upper

94 100

96 81.2 75.7 113.5



#6

Chloroethane

Concen: 1.313 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012402.D

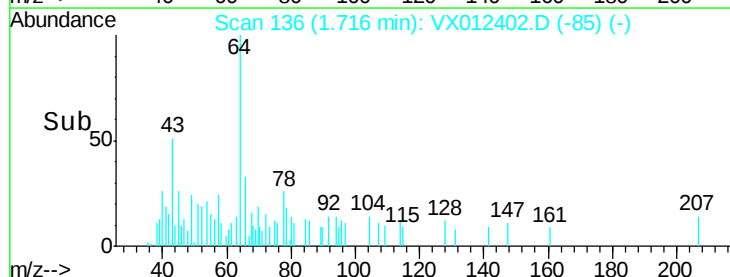
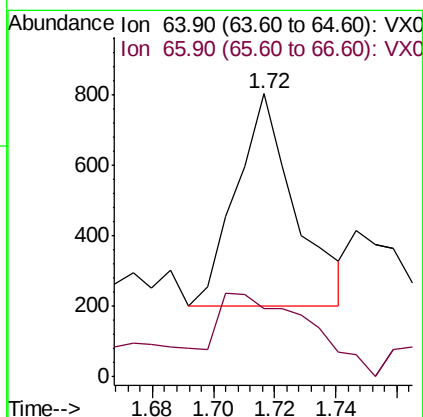
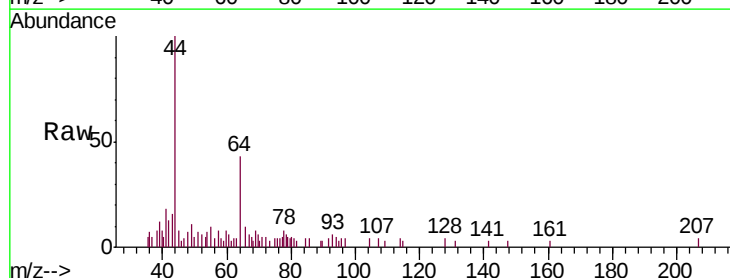
Acq: 16 Sep 2019 12:24

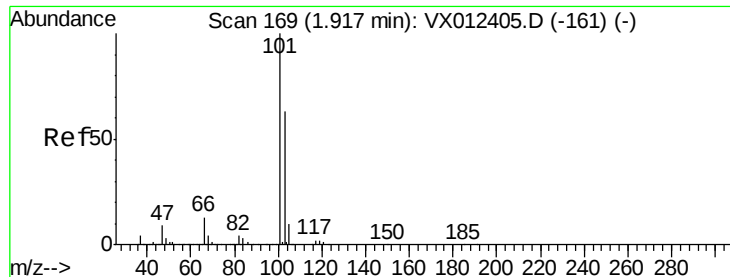
Tgt Ion: 64 Resp: 806

Ion Ratio Lower Upper

64 100

66 20.6 24.7 37.1#





#7

Trichlorofluoromethane

Concen: 0.929 ug/l

RT: 1.92 min Scan# 170

Delta R.T. 0.01 min

Lab File: VX012402.D

Acq: 16 Sep 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

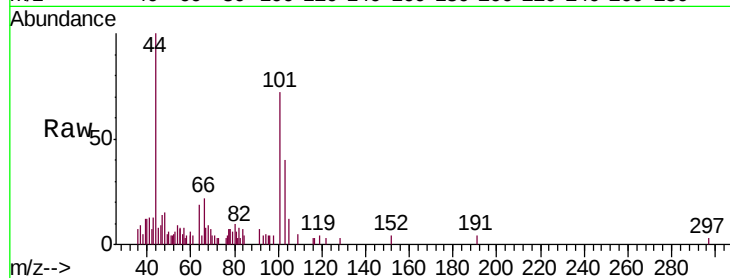
VSTDIC001

Tgt Ion: 101 Resp: 1588

Ion Ratio Lower Upper

101 100

103 55.0 50.5 75.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

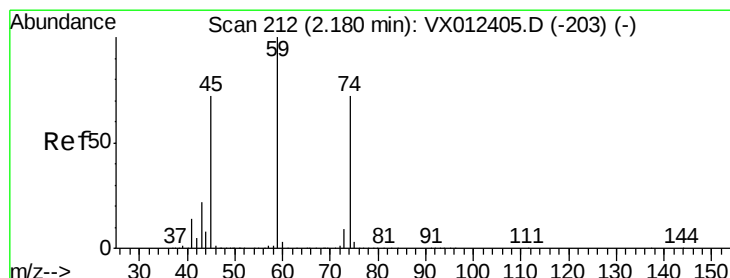
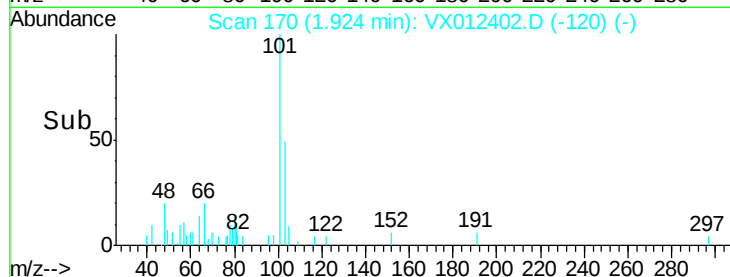
1.92

1000

500

0

Time-->



#8

Diethyl Ether

Concen: 1.431 ug/l

RT: 2.18 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX012402.D

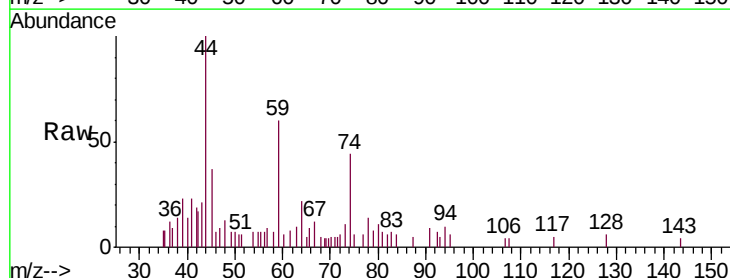
Acq: 16 Sep 2019 12:24

Tgt Ion: 74 Resp: 870

Ion Ratio Lower Upper

74 100

45 123.2 50.6 151.9



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.18

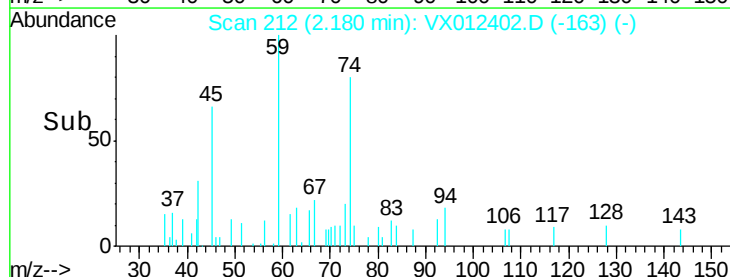
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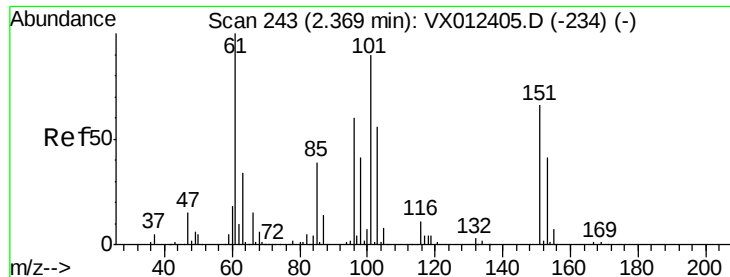
400

200

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.118 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012402.D

Acq: 16 Sep 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

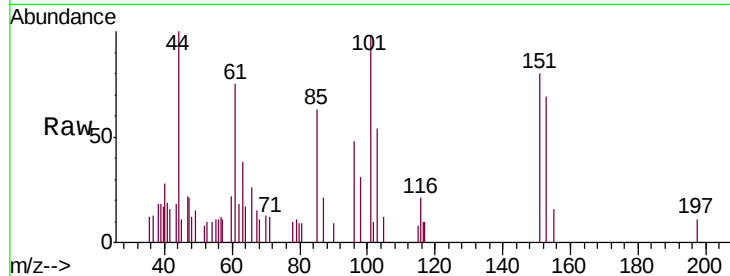
Tgt Ion:101 Resp: 1213

Ion Ratio Lower Upper

101 100

85 65.1 36.3 54.5#

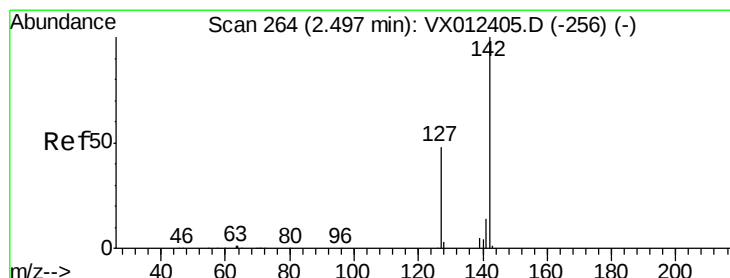
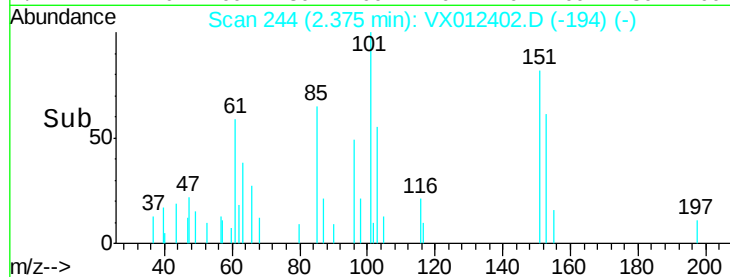
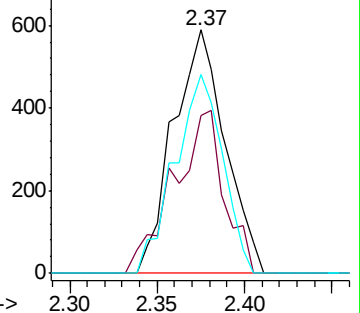
151 75.5 61.1 91.7



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: 0.897 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012402.D

Acq: 16 Sep 2019 12:24

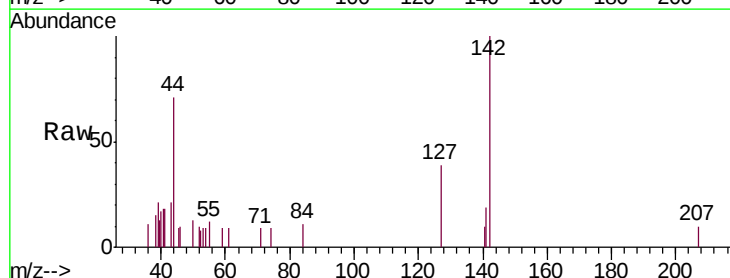
Tgt Ion:142 Resp: 1121

Ion Ratio Lower Upper

142 100

127 26.4 39.6 59.4#

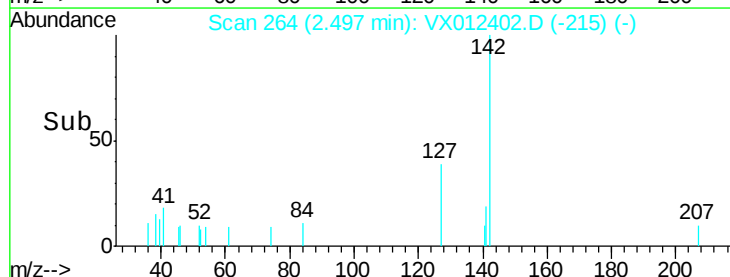
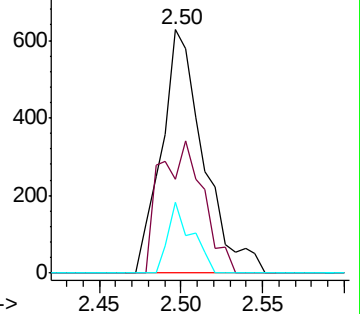
141 16.6 11.6 17.4

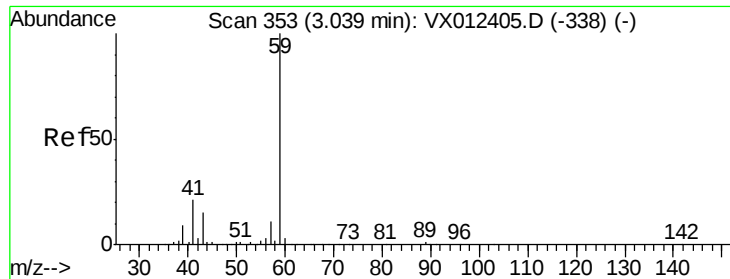


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

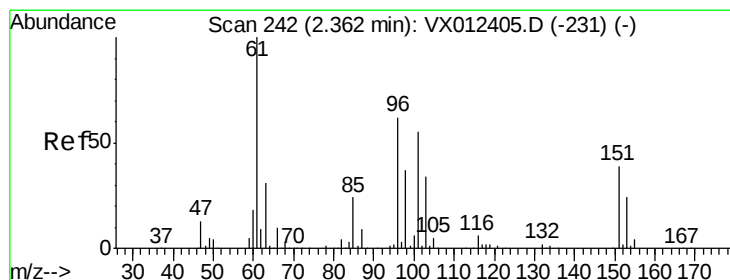
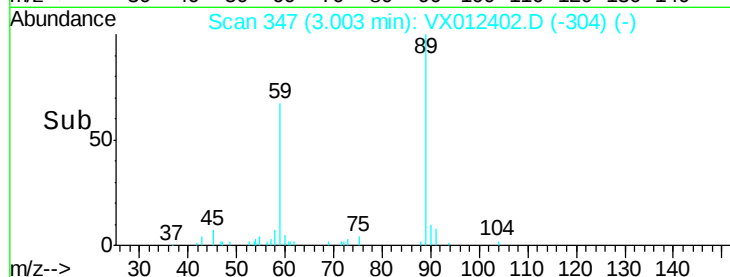
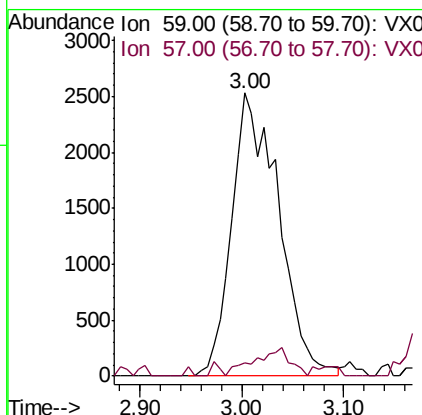
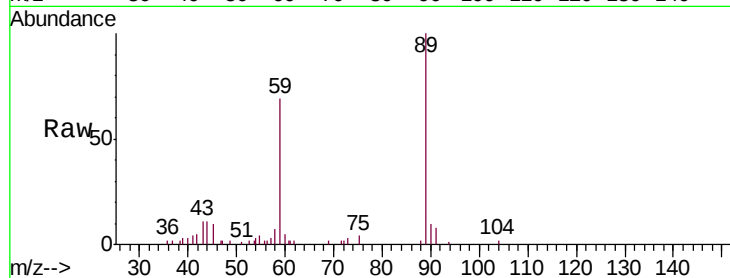




#11
Tert butyl alcohol
Concen: 24.498 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.04 min
Lab File: VX012402.D
Acq: 16 Sep 2019 12:24

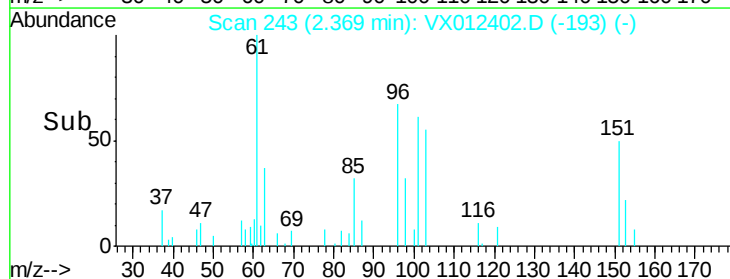
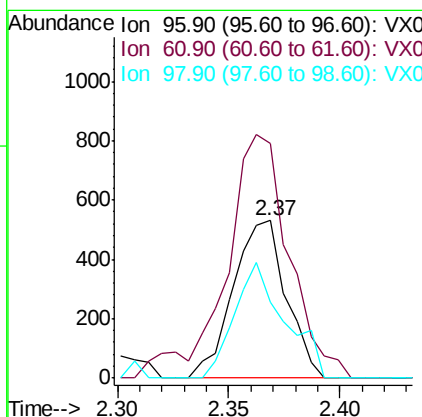
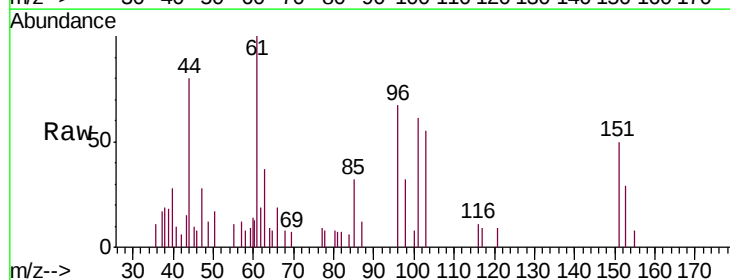
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

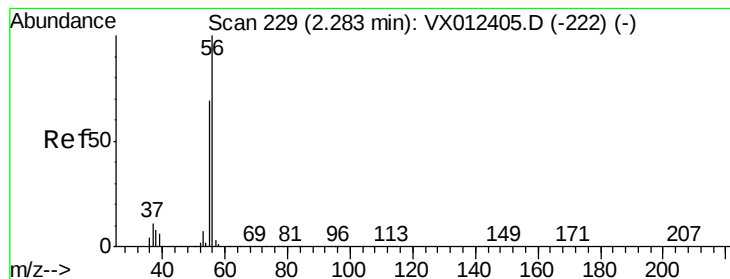
Tgt Ion: 59 Resp: 8042
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 0.859 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX012402.D
Acq: 16 Sep 2019 12:24

Tgt Ion: 96 Resp: 879
Ion Ratio Lower Upper
96 100
61 138.2 129.8 194.6
98 48.0 48.5 72.7#





#13

Acrolein

Concen: 16.817 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012402.D

Acq: 16 Sep 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

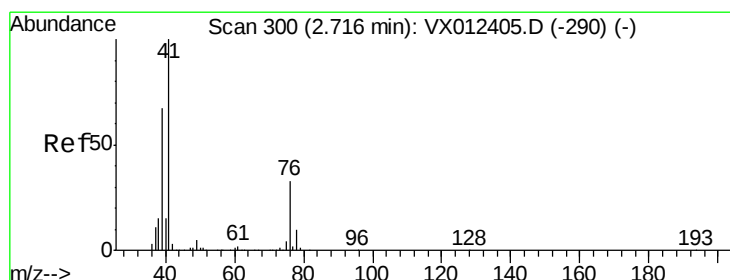
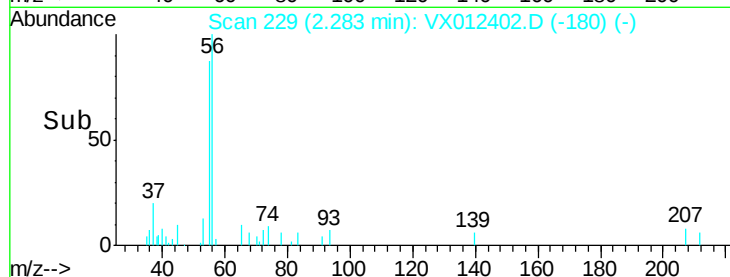
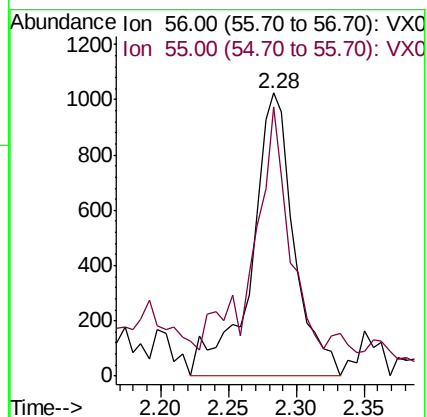
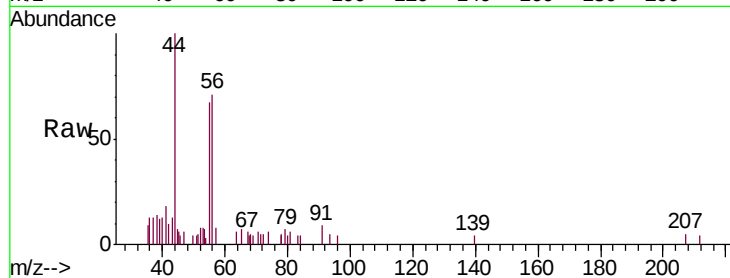
VSTDIC001

Tgt Ion: 56 Resp: 2246

Ion Ratio Lower Upper

56 100

55 60.0 56.1 84.1



#14

Allyl chloride

Concen: 1.292 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012402.D

Acq: 16 Sep 2019 12:24

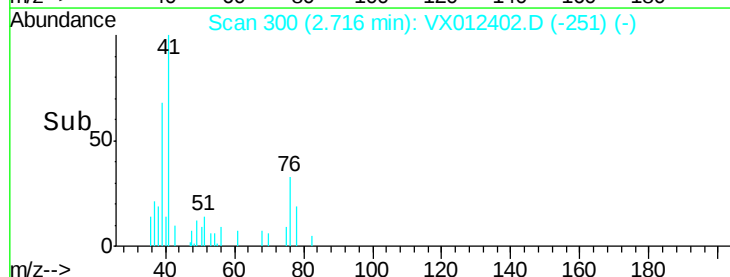
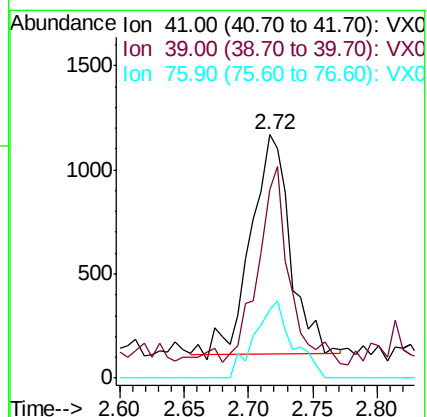
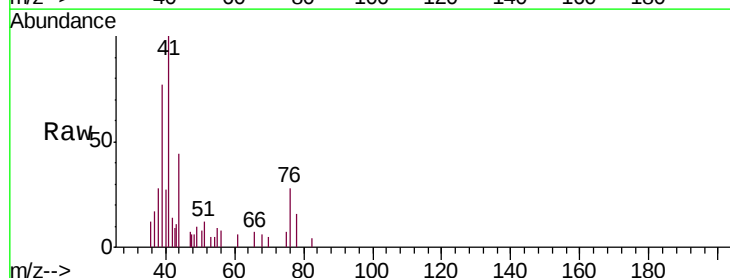
Tgt Ion: 41 Resp: 2216

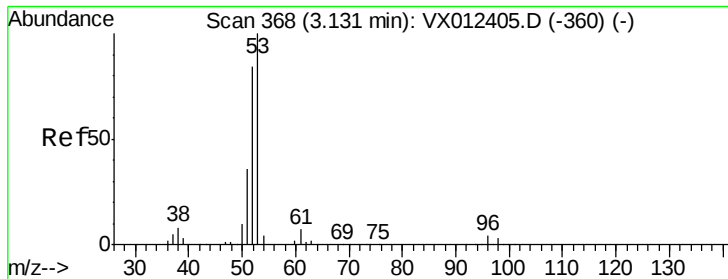
Ion Ratio Lower Upper

41 100

39 72.5 51.1 76.7

76 34.0 23.4 35.2





#15

Acrylonitrile

Concen: 7.416 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012402.D

Acq: 16 Sep 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

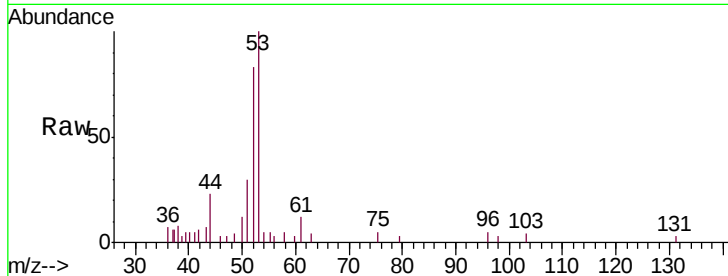
Tgt Ion: 53 Resp: 4864

Ion Ratio Lower Upper

53 100

52 88.4 67.4 101.2

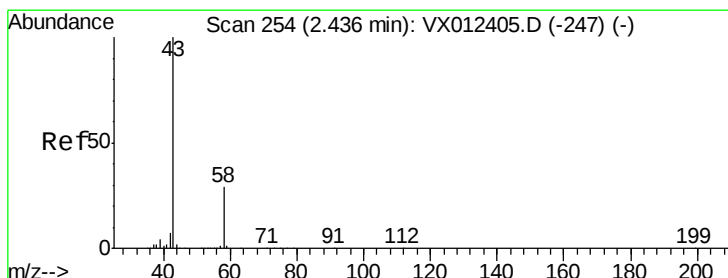
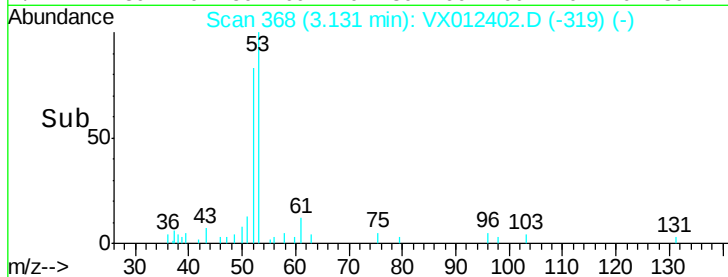
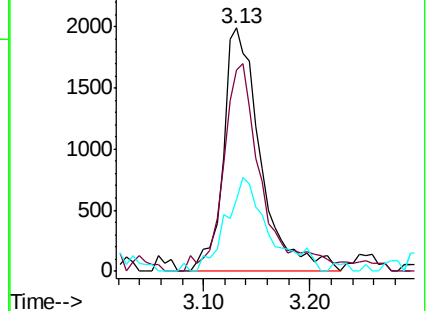
51 44.0 29.8 44.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 9.918 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012402.D

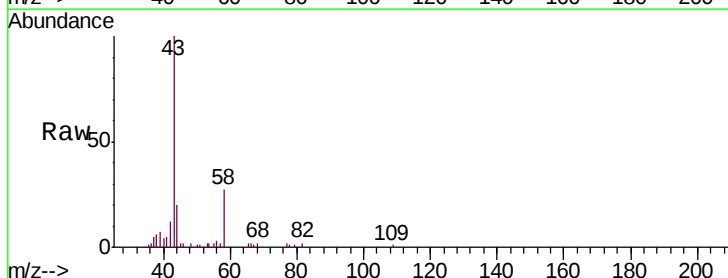
Acq: 16 Sep 2019 12:24

Tgt Ion: 43 Resp: 6353

Ion Ratio Lower Upper

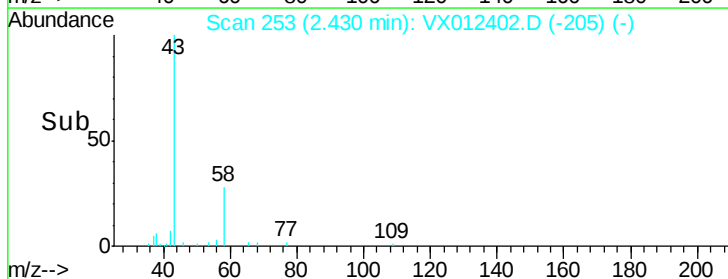
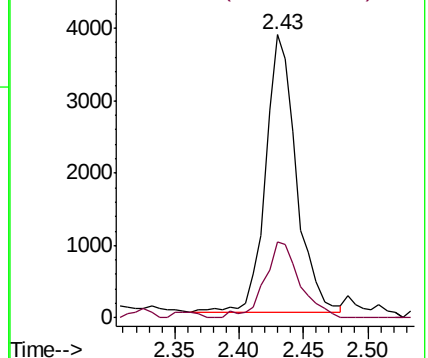
43 100

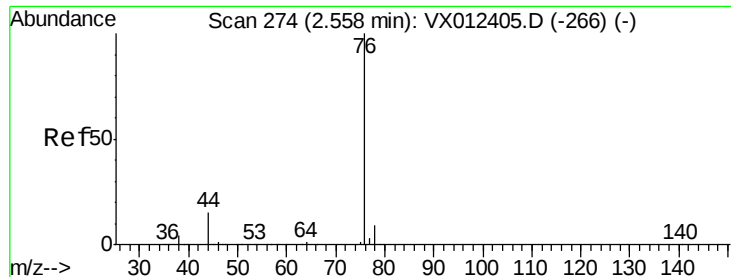
58 27.2 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.500 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012402.D

Acq: 16 Sep 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

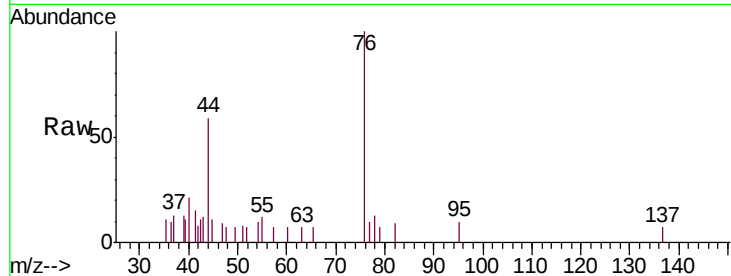
VSTDIC001

Tgt Ion: 76 Resp: 1170

Ion Ratio Lower Upper

76 100

78 13.2 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

800

600

400

200

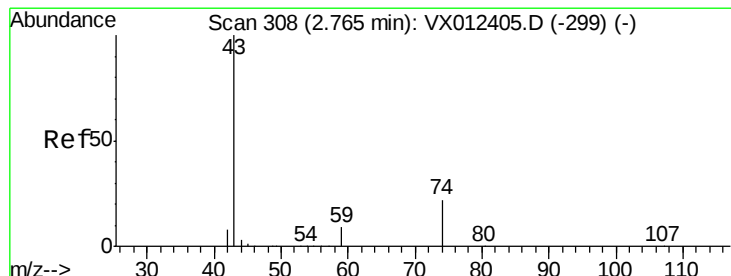
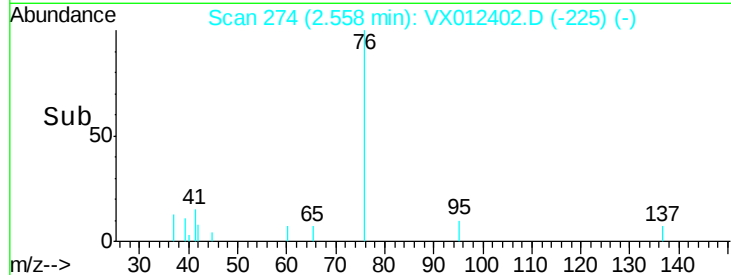
0

2.50

2.55

2.60

Time-->



#18

Methyl Acetate

Concen: 1.498 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012402.D

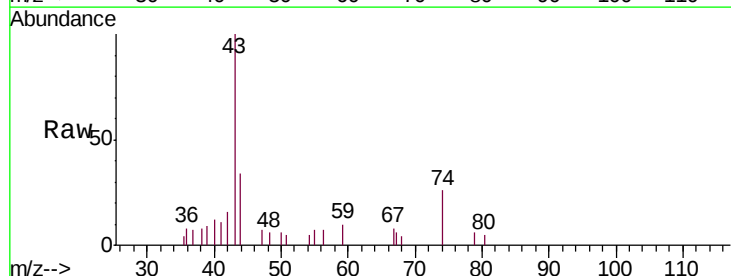
Acq: 16 Sep 2019 12:24

Tgt Ion: 43 Resp: 2490

Ion Ratio Lower Upper

43 100

74 22.4 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

1500

1000

500

0

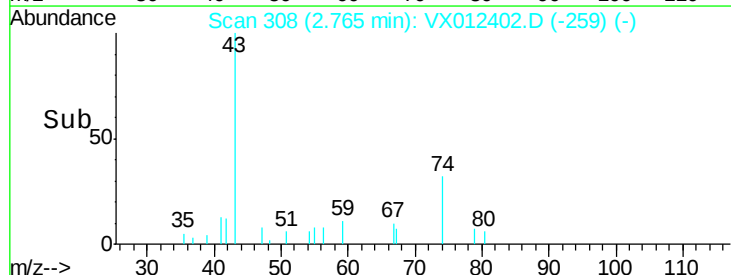
2.70

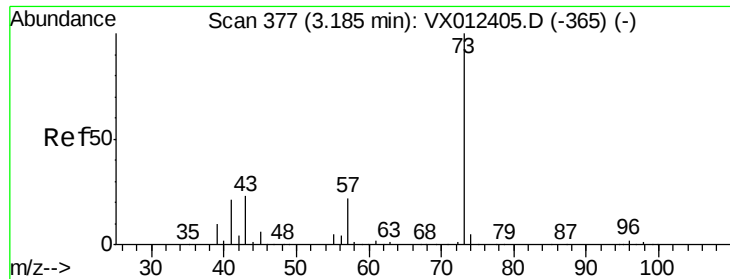
2.75

2.80

2.85

Time-->

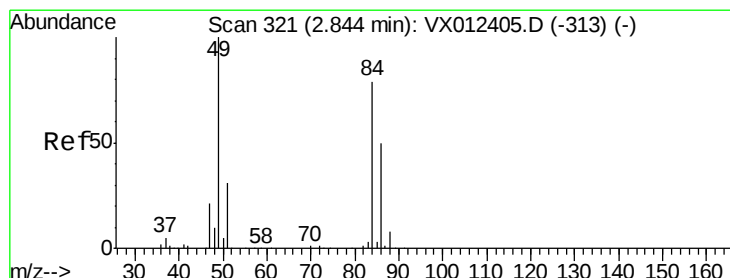
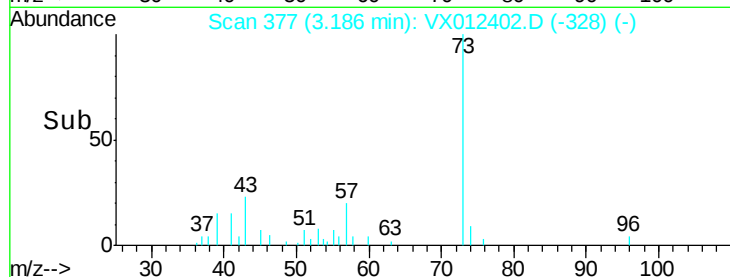
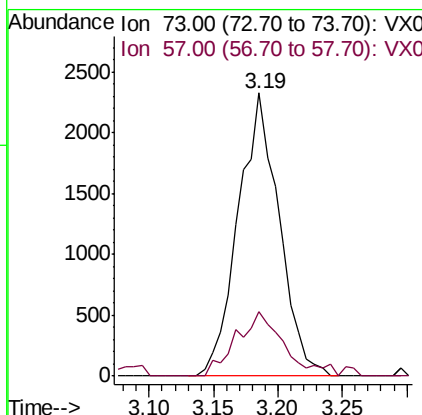
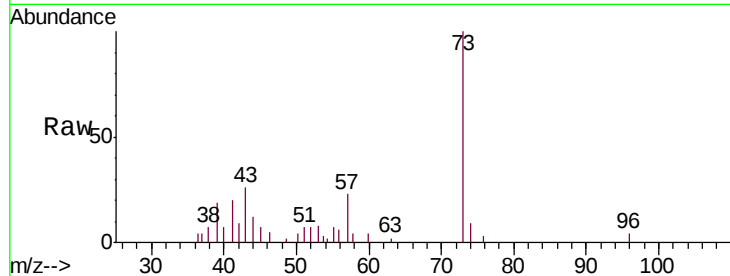




#19
Methyl tert-butyl Ether
Concen: 1.402 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012402.D
Acq: 16 Sep 2019 12:24

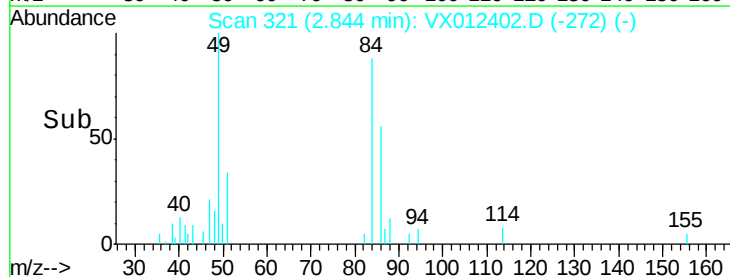
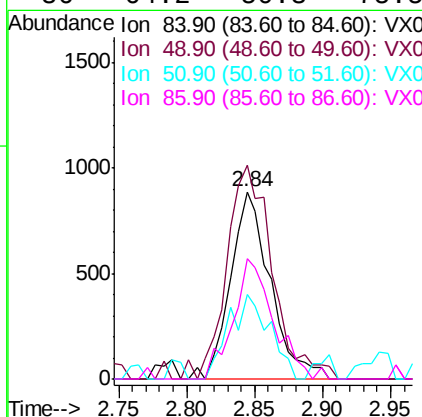
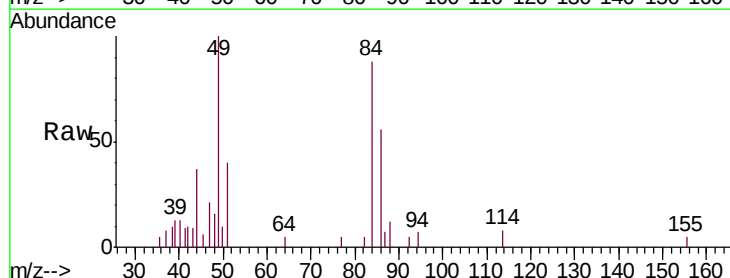
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

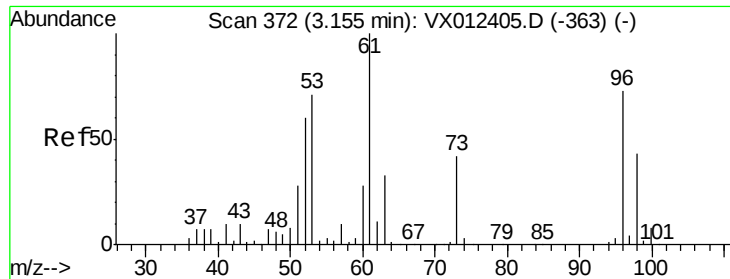
Tgt Ion: 73 Resp: 5128
Ion Ratio Lower Upper
73 100
57 22.6 17.8 26.6



#20
Methylene Chloride
Concen: 1.521 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012402.D
Acq: 16 Sep 2019 12:24

Tgt Ion: 84 Resp: 1814
Ion Ratio Lower Upper
84 100
49 113.9 101.7 152.5
51 45.4 31.2 46.8
86 64.2 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 0.968 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX012402.D

Acq: 16 Sep 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

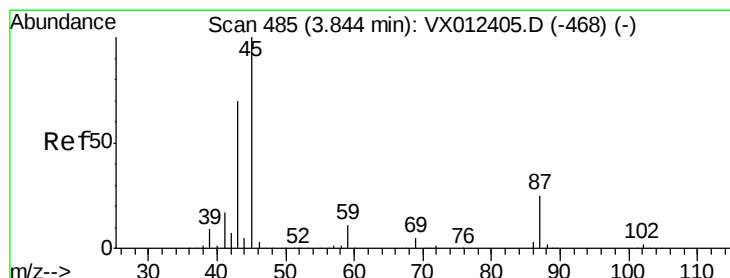
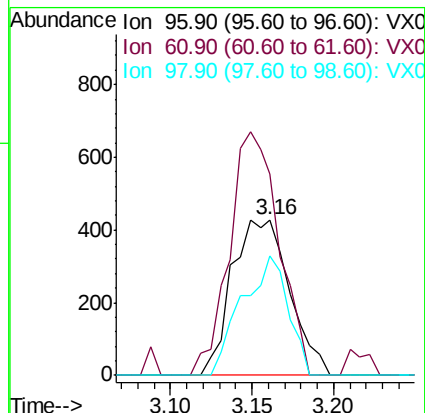
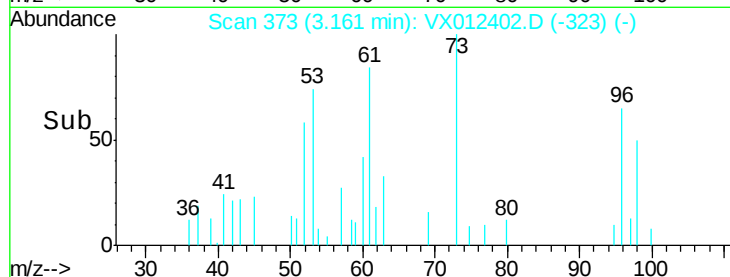
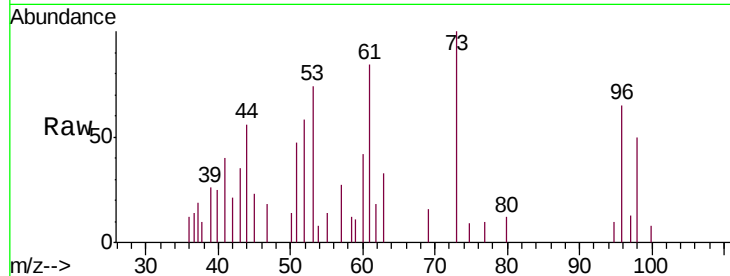
Tgt Ion: 96 Resp: 1055

Ion Ratio Lower Upper

96 100

61 129.4 109.7 164.5

98 76.9 47.0 70.6#



#22

Diisopropyl ether

Concen: 1.507 ug/l

RT: 3.85 min Scan# 486

Delta R.T. 0.01 min

Lab File: VX012402.D

Acq: 16 Sep 2019 12:24

Tgt Ion: 45 Resp: 5271

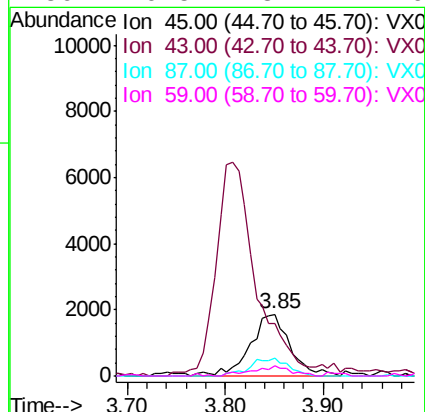
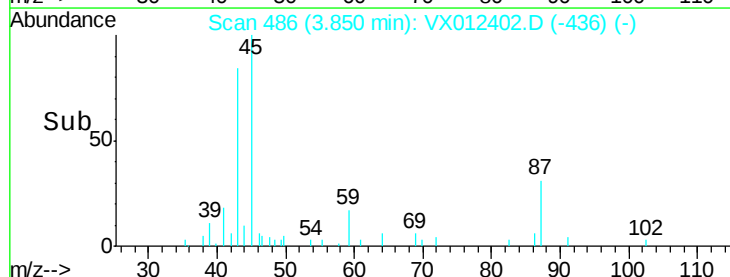
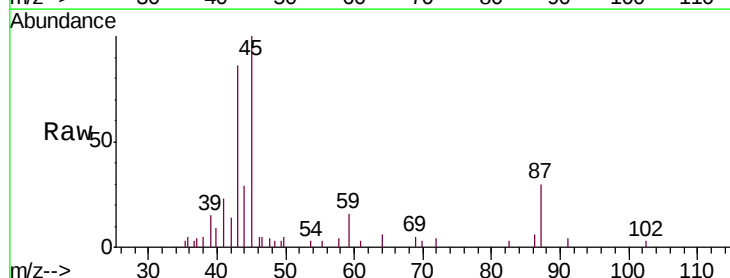
Ion Ratio Lower Upper

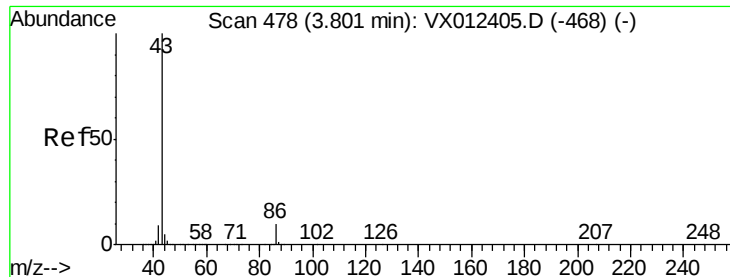
45 100

43 78.8 55.8 83.8

87 30.0 20.0 30.0

59 16.5 8.4 12.6#





#23

Vinyl Acetate

Concen: 6.360 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX012402.D

Acq: 16 Sep 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

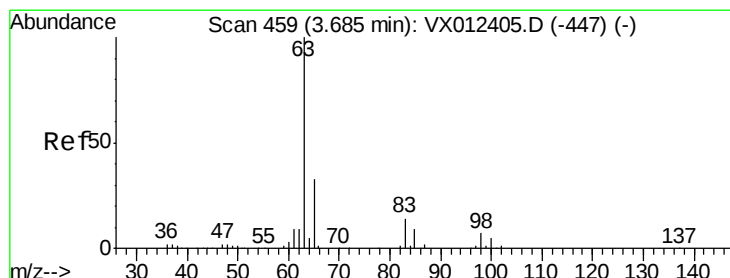
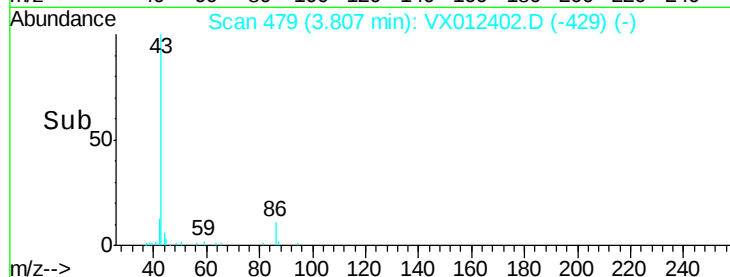
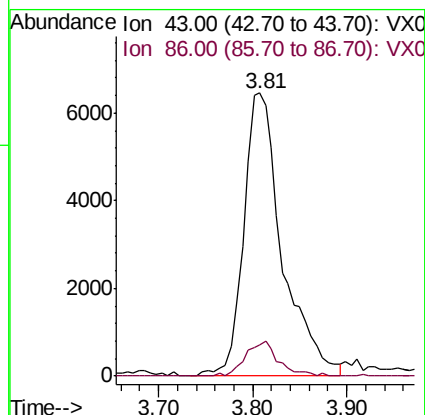
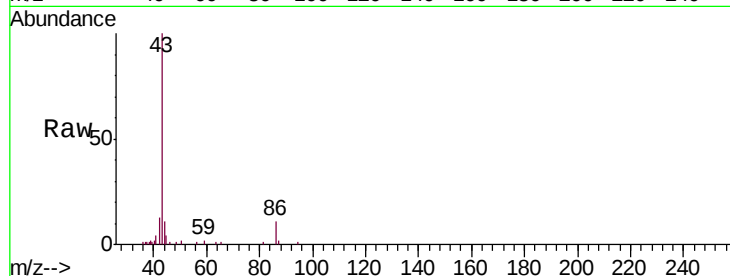
VSTDIC001

Tgt Ion: 43 Resp: 18509

Ion Ratio Lower Upper

43 100

86 10.8 8.3 12.5



#24

1,1-Dichloroethane

Concen: 1.340 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012402.D

Acq: 16 Sep 2019 12:24

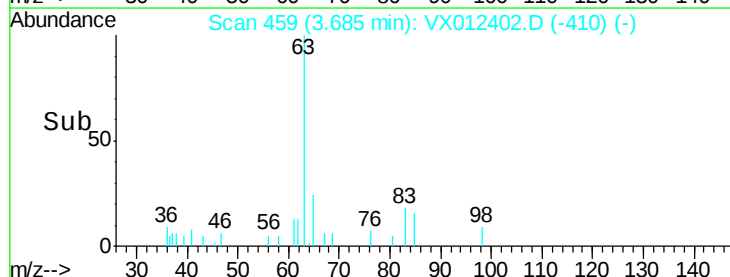
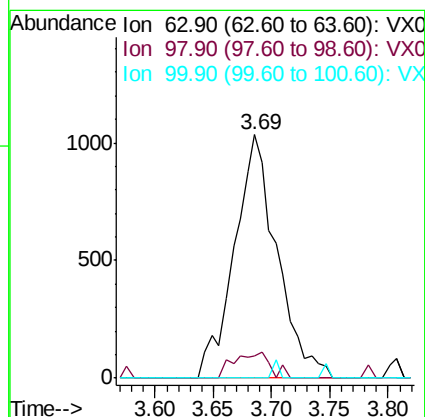
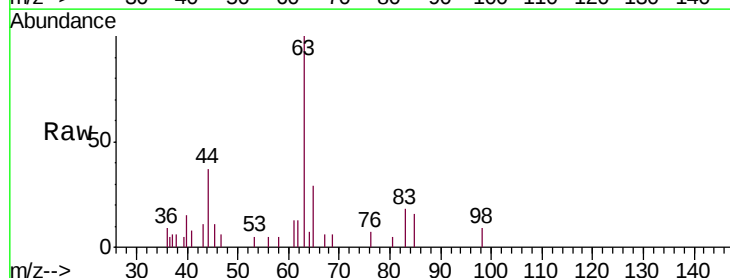
Tgt Ion: 63 Resp: 2629

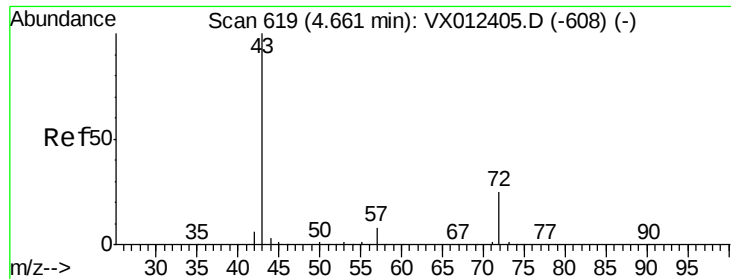
Ion Ratio Lower Upper

63 100

98 9.4 3.5 10.6

100 0.0 2.5 7.5#





#25

2-Butanone

Concen: 7.865 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX012402.D

Acq: 16 Sep 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

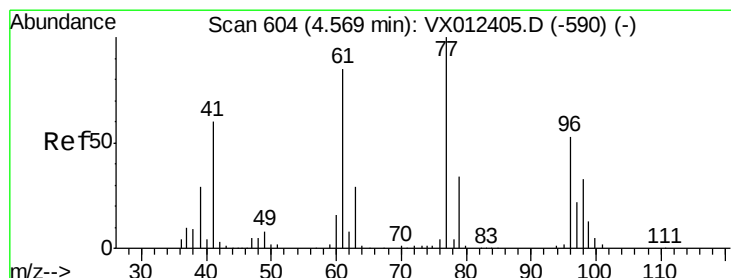
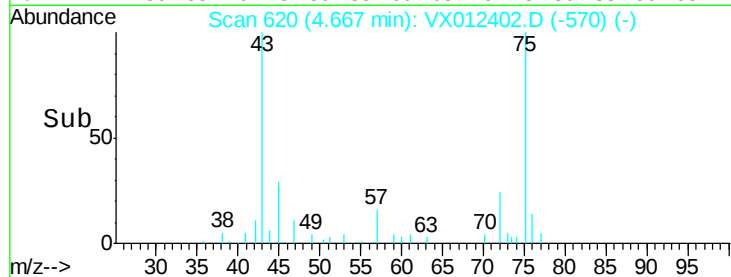
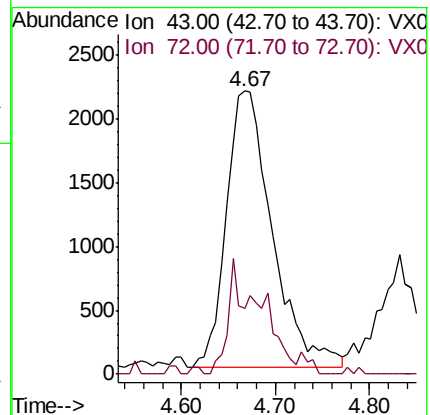
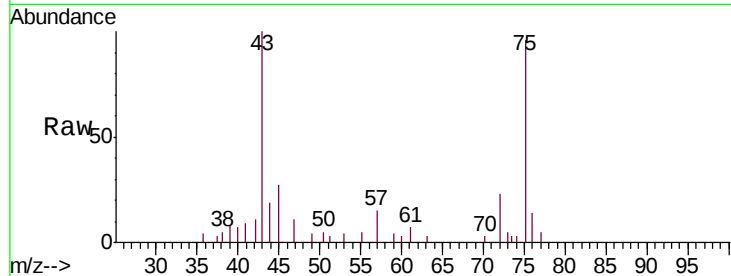
VSTDIC001

Tgt Ion: 43 Resp: 7365

Ion Ratio Lower Upper

43 100

72 23.6 19.8 29.6



#26

2,2-Dichloropropane

Concen: 1.530 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012402.D

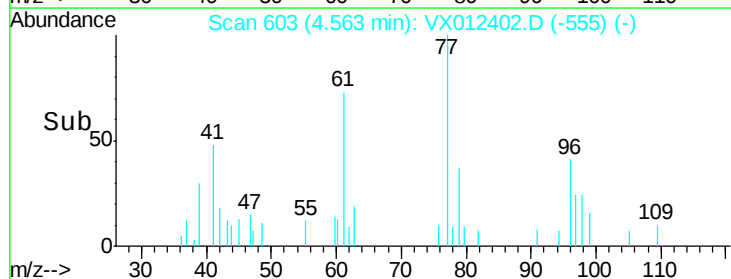
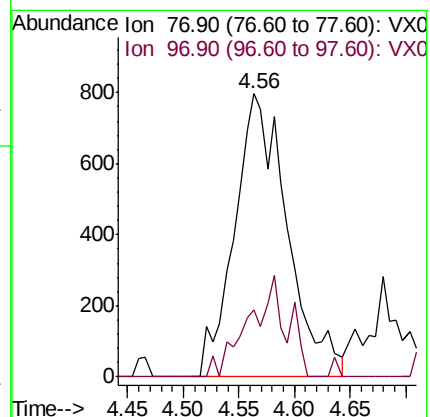
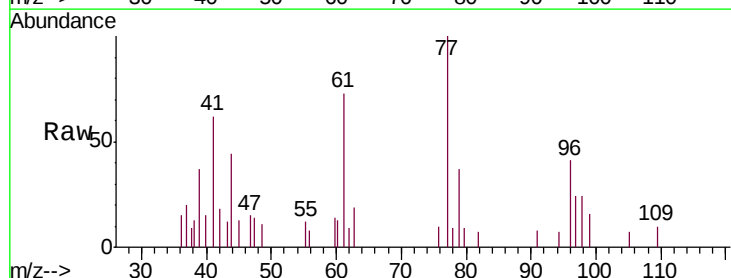
Acq: 16 Sep 2019 12:24

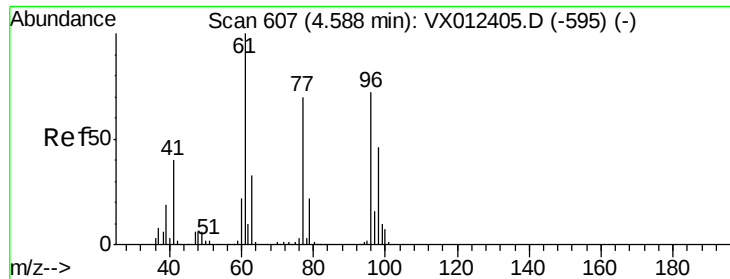
Tgt Ion: 77 Resp: 2639

Ion Ratio Lower Upper

77 100

97 26.0 10.7 32.1



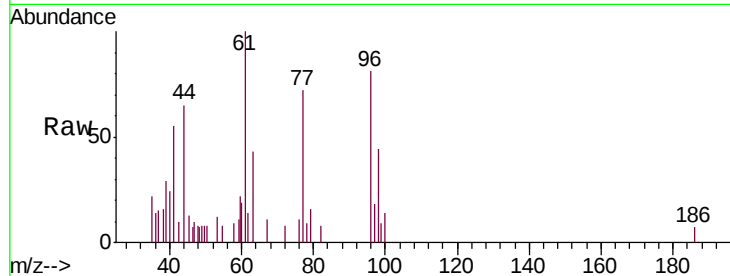


#27

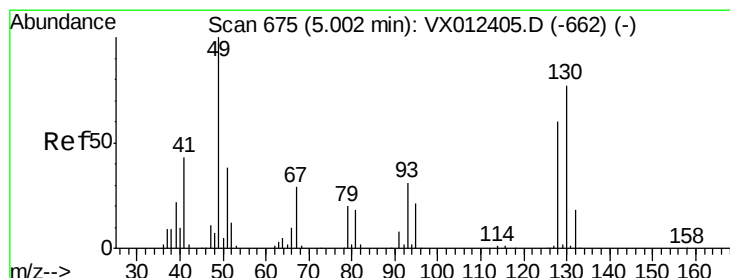
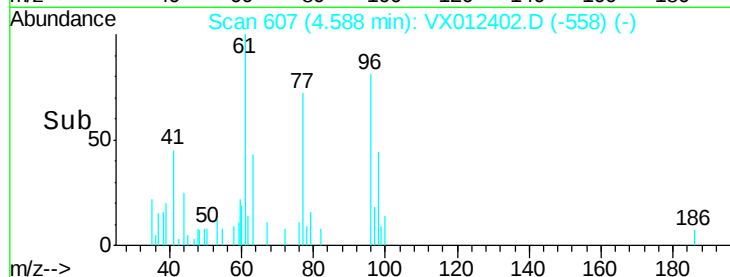
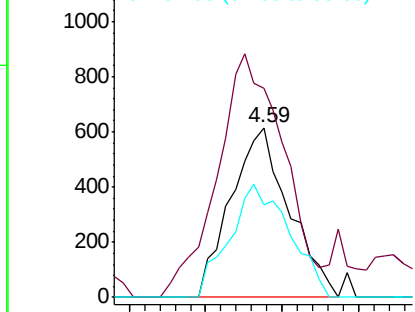
cis-1,2-Dichloroethene
 Concen: 1.231 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VX012402.D
 Acq: 16 Sep 2019 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 96 Resp: 1621
 Ion Ratio Lower Upper
 96 100
 61 164.0 0.0 307.6
 98 69.0 0.0 129.8



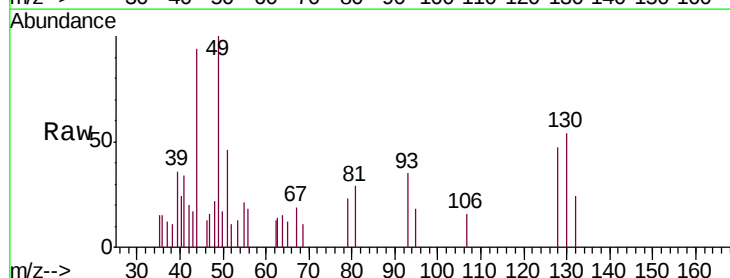
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



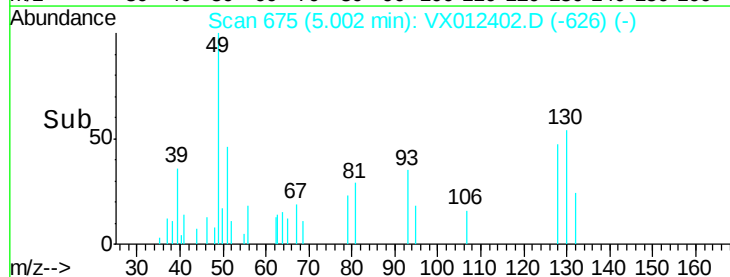
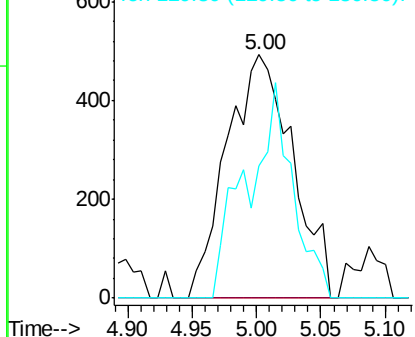
#28

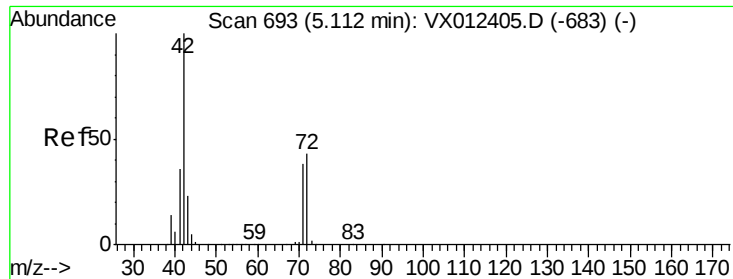
Bromochloromethane
 Concen: 1.921 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX012402.D
 Acq: 16 Sep 2019 12:24

Tgt Ion: 49 Resp: 1744
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 20.9 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

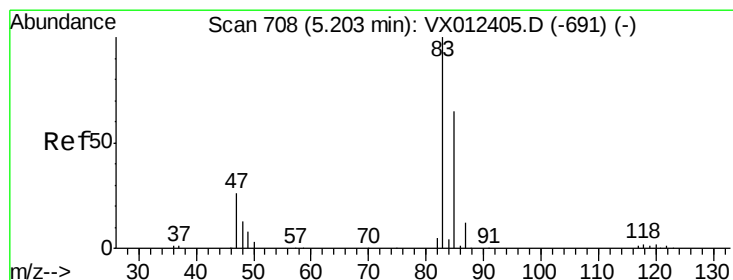
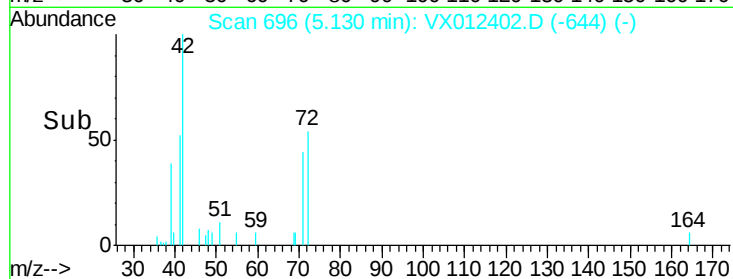
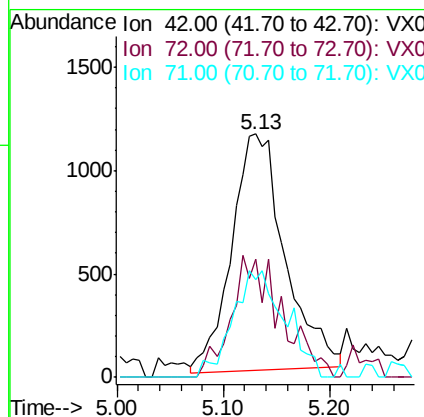
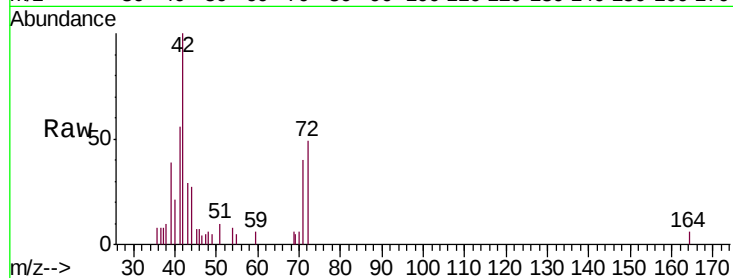




#29
Tetrahydrofuran
Concen: 6.883 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX012402.D
Acq: 16 Sep 2019 12:24

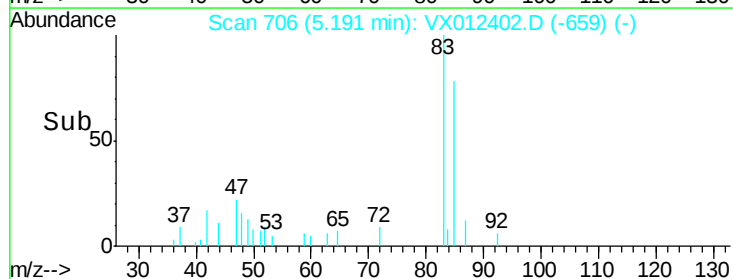
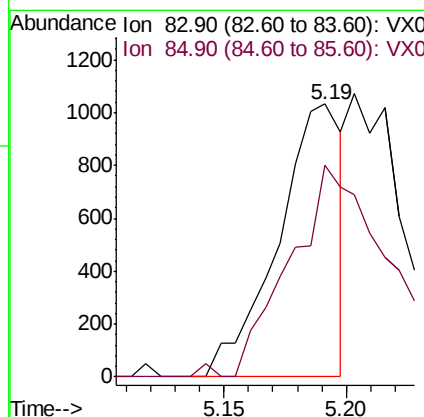
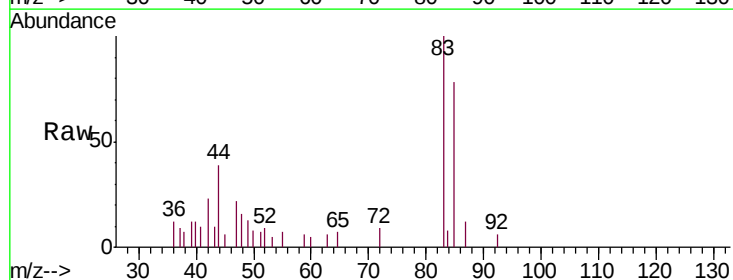
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

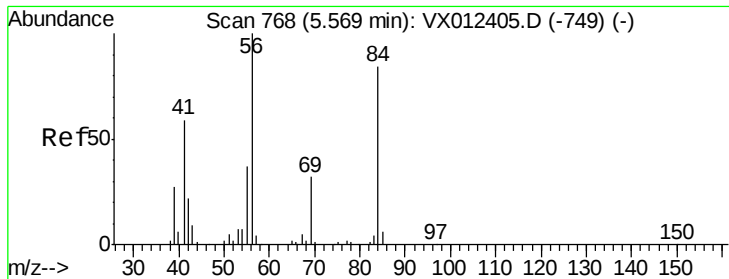
Tgt Ion: 42 Resp: 4008
Ion Ratio Lower Upper
42 100
72 19.8 34.9 52.3#
71 44.3 32.6 48.8



#30
Chloroform
Concen: 0.874 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX012402.D
Acq: 16 Sep 2019 12:24

Tgt Ion: 83 Resp: 1886
Ion Ratio Lower Upper
83 100
85 77.7 51.9 77.9

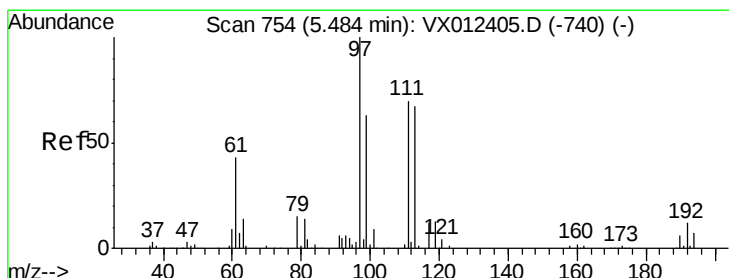
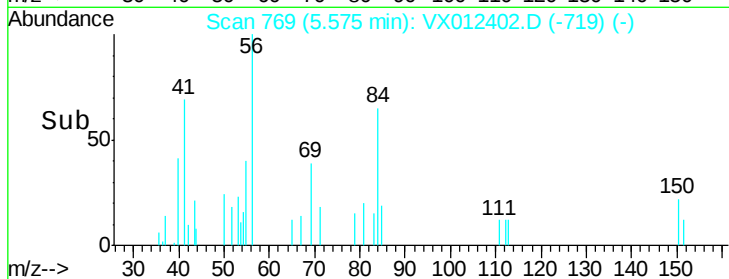
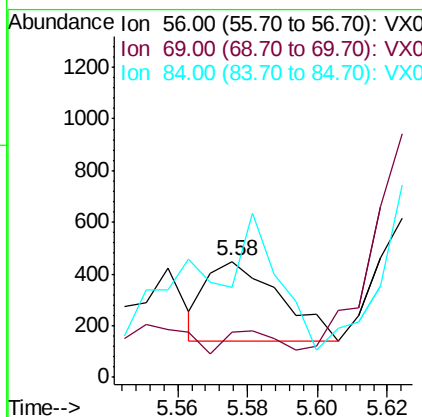
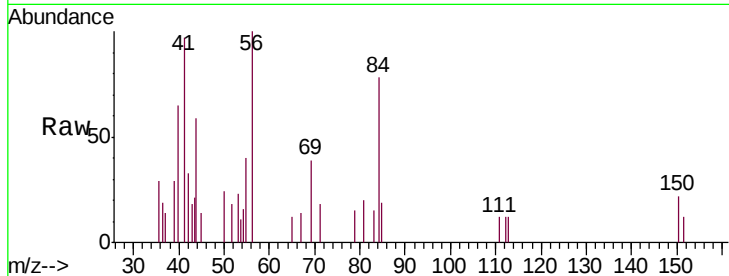




#31
Cyclohexane
Concen: 0.278 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX012402.D
Acq: 16 Sep 2019 12:24

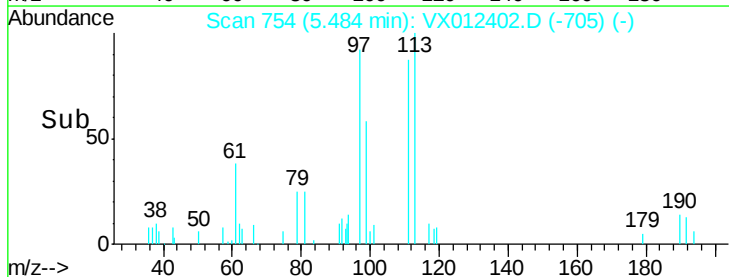
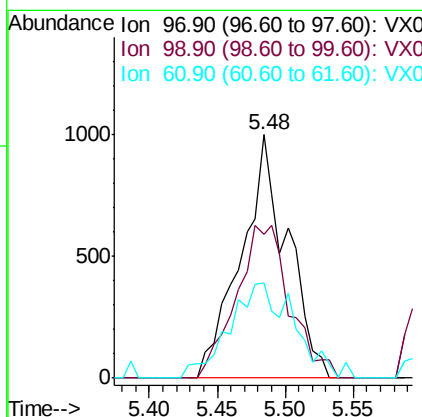
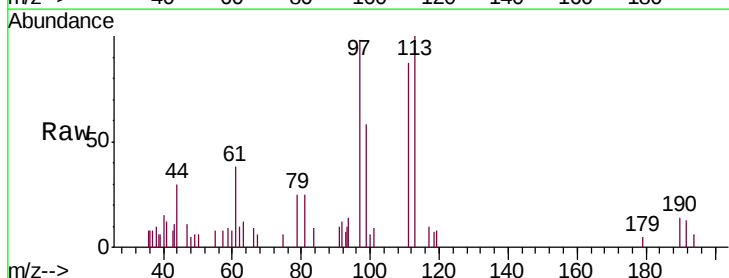
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

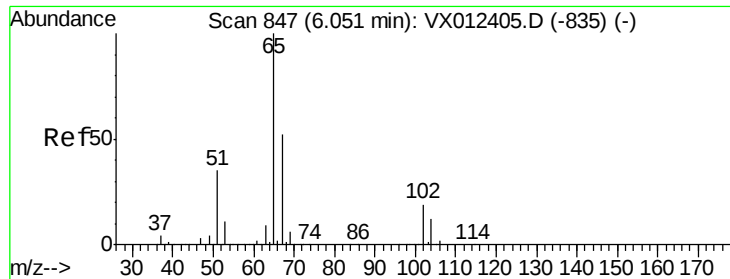
Tgt Ion: 56 Resp: 443
Ion Ratio Lower Upper
56 100
69 0.3 24.9 37.3#
84 51.6 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 1.281 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012402.D
Acq: 16 Sep 2019 12:24

Tgt Ion: 97 Resp: 2386
Ion Ratio Lower Upper
97 100
99 0.0 51.7 77.5#
61 54.5 35.7 53.5#





#33

1,2-Dichloroethane-d4

Concen: 2.670 ug/l

RT: 6.06 min Scan# 849

Delta R.T. 0.01 min

Lab File: VX012402.D

Acq: 16 Sep 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

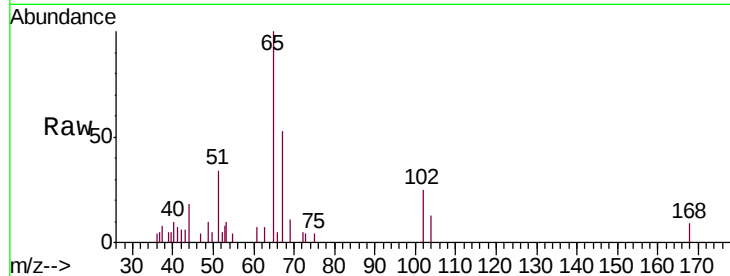
VSTDIC001

Tgt Ion: 65 Resp: 4085

Ion Ratio Lower Upper

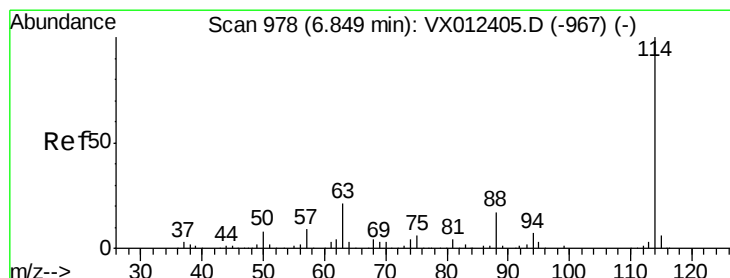
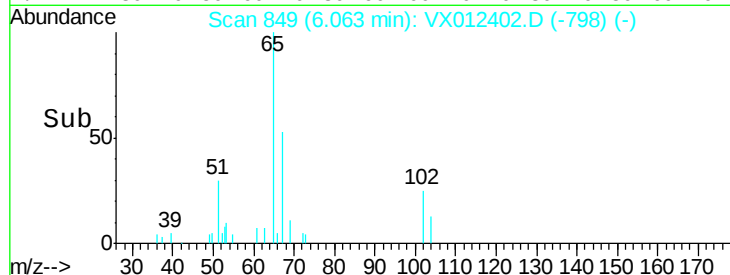
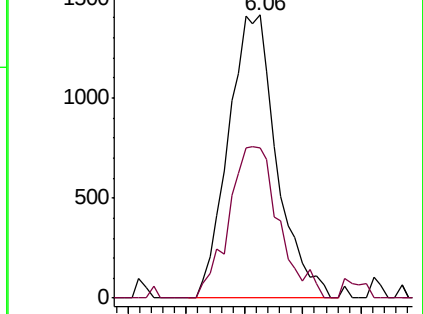
65 100

67 55.4 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012402.D

Acq: 16 Sep 2019 12:24

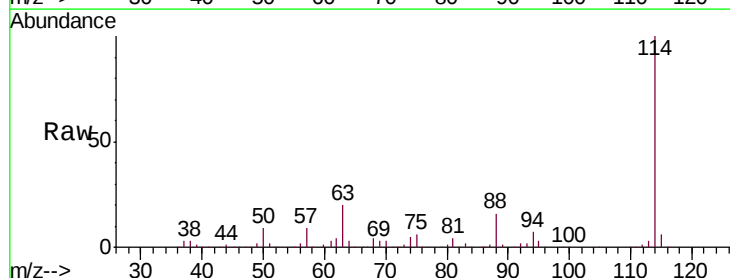
Tgt Ion: 114 Resp: 200188

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

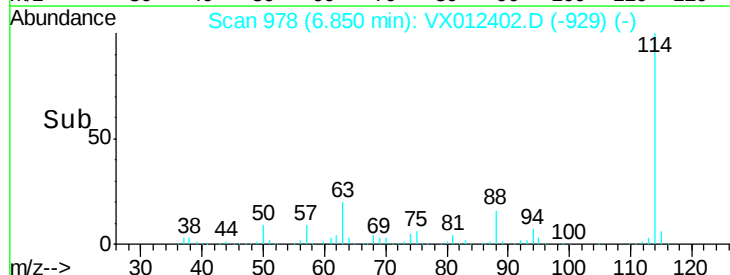
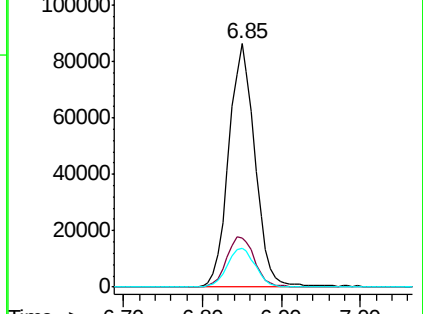
88 16.2 0.0 33.4

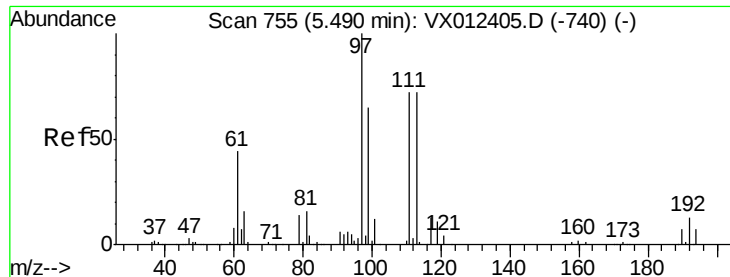


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 2.081 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012402.D

Acq: 16 Sep 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

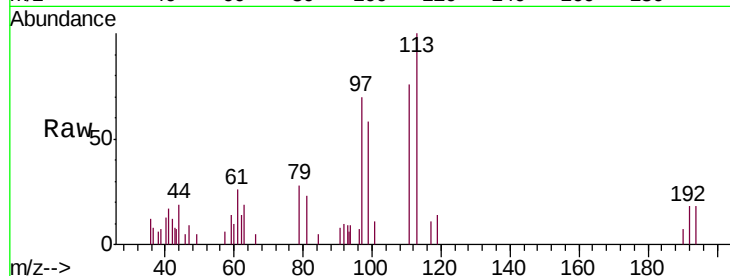
Tgt Ion:113 Resp: 2966

Ion Ratio Lower Upper

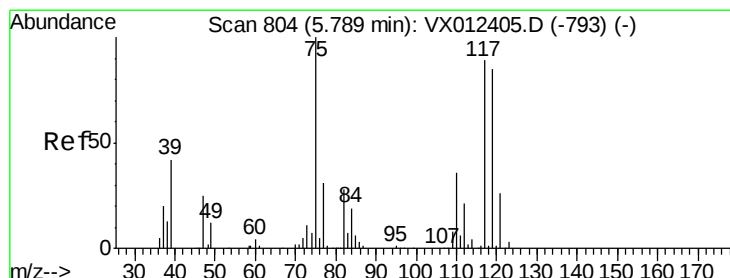
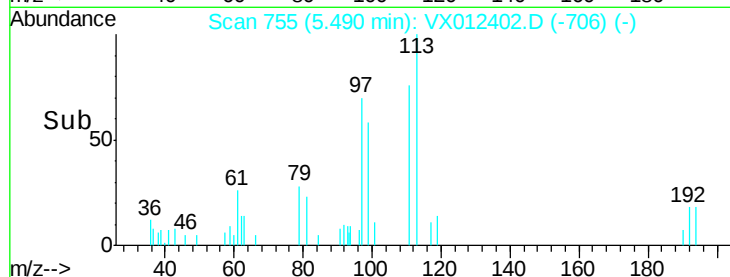
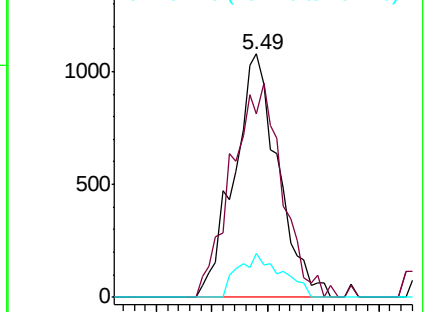
113 100

111 100.7 81.8 122.6

192 17.8 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: 1.179 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012402.D

Acq: 16 Sep 2019 12:24

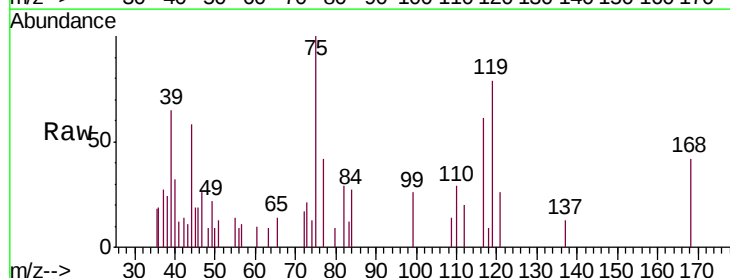
Tgt Ion: 75 Resp: 1917

Ion Ratio Lower Upper

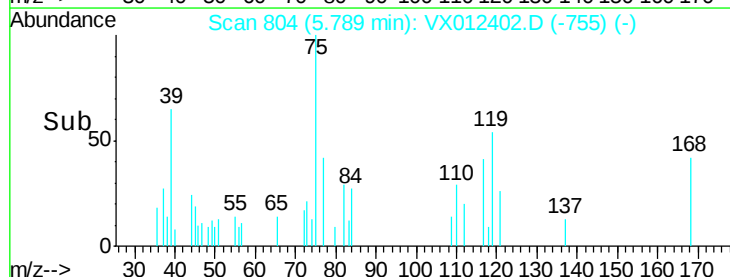
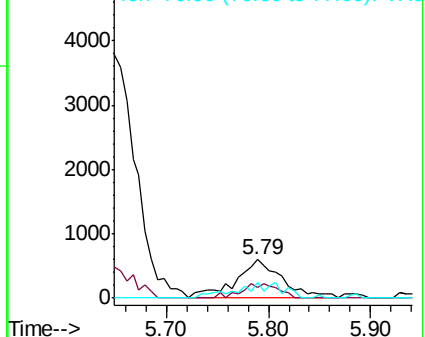
75 100

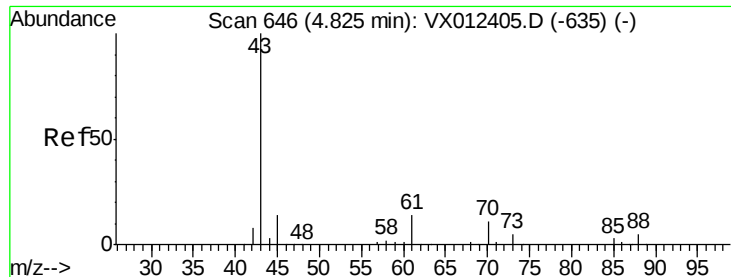
110 29.2 17.4 52.2

77 9.6 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

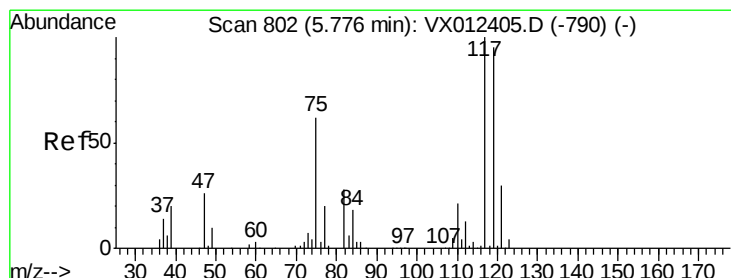
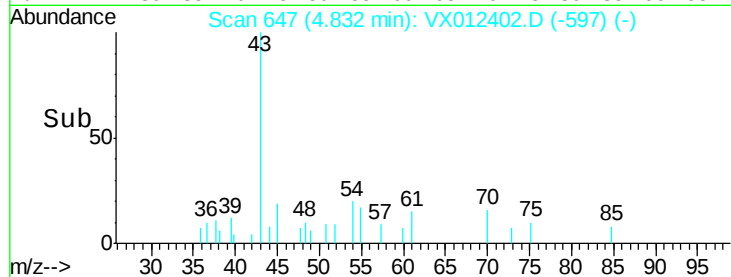
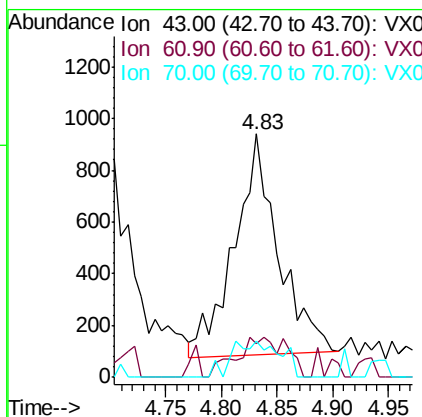
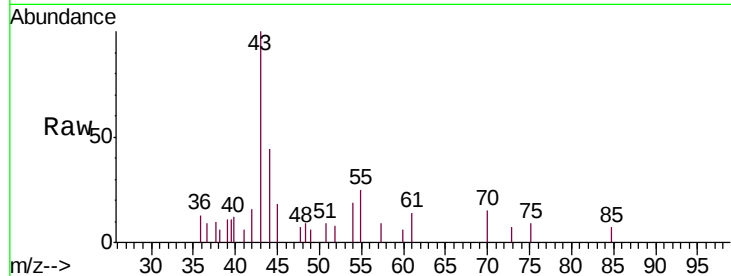




#37
 Ethyl Acetate
 Concen: 1.246 ug/l
 RT: 4.83 min Scan# 647
 Delta R.T. 0.01 min
 Lab File: VX012402.D
 Acq: 16 Sep 2019 12:24

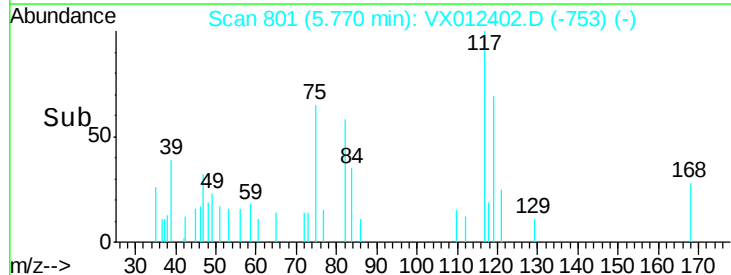
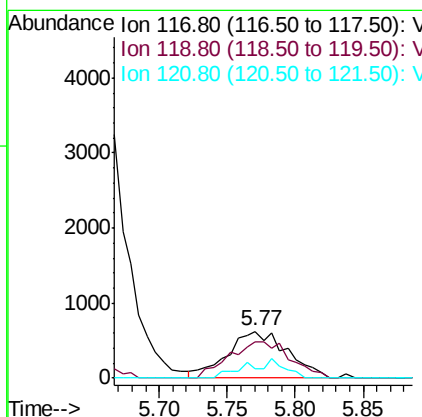
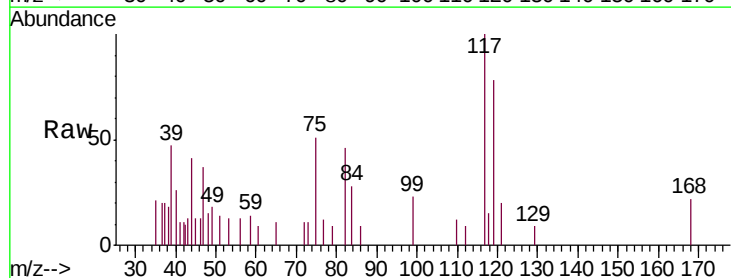
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

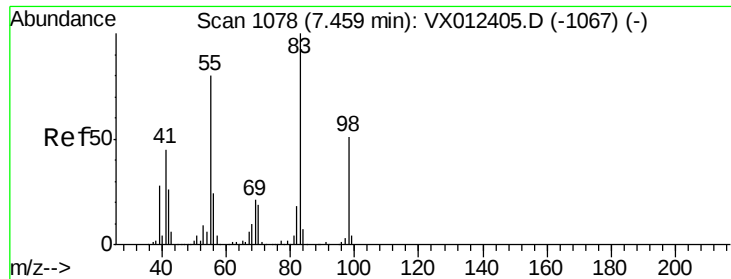
Tgt Ion: 43 Resp: 2334
 Ion Ratio Lower Upper
 43 100
 61 15.8 11.2 16.8
 70 0.0 9.0 13.6#



#38
 Carbon Tetrachloride
 Concen: 1.008 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: VX012402.D
 Acq: 16 Sep 2019 12:24

Tgt Ion: 117 Resp: 1907
 Ion Ratio Lower Upper
 117 100
 119 78.1 75.8 113.8
 121 19.8 23.8 35.6#

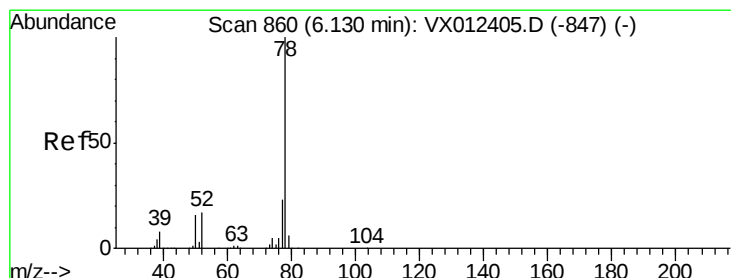
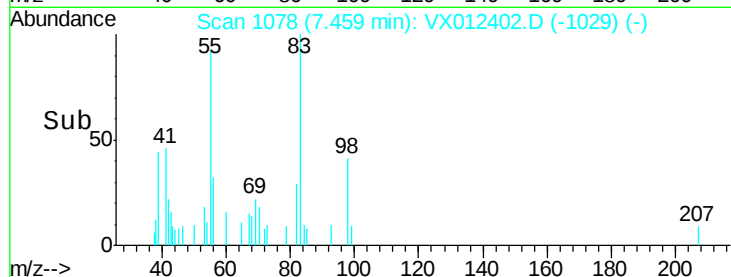
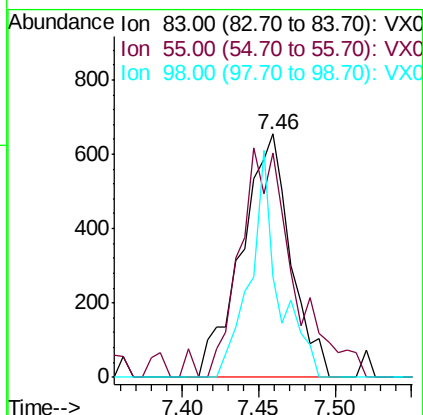
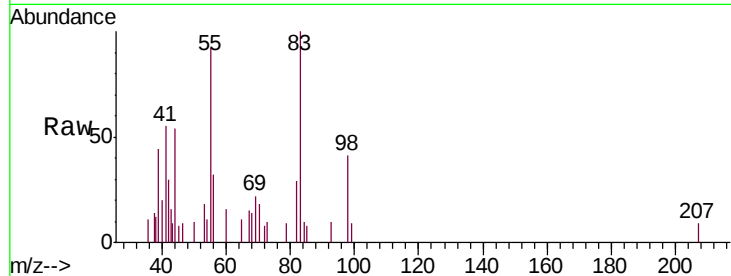




#39
Methylcyclohexane
Concen: 0.759 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012402.D
Acq: 16 Sep 2019 12:24

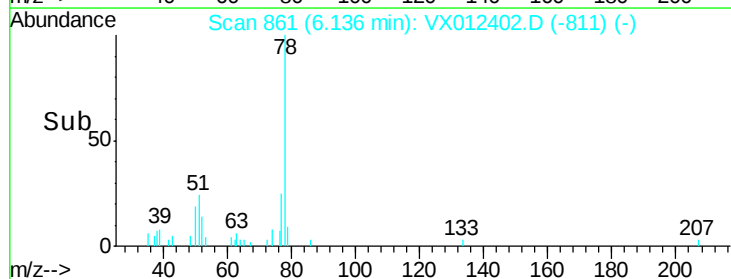
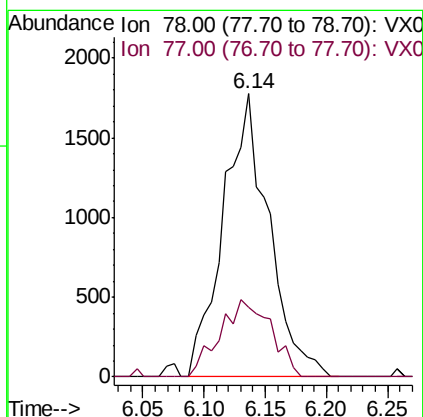
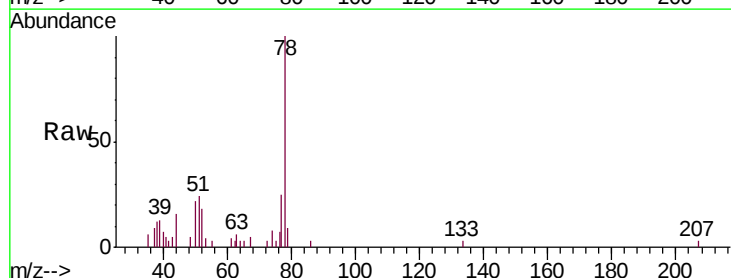
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

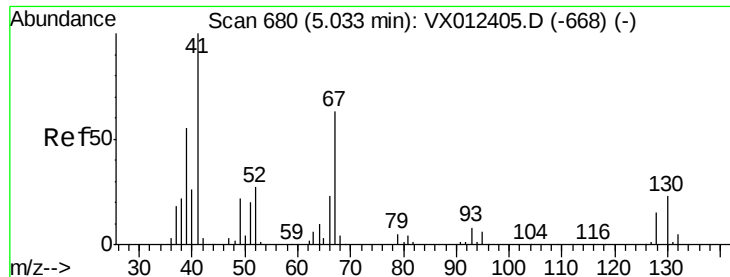
Tgt Ion: 83 Resp: 1465
Ion Ratio Lower Upper
83 100
55 81.8 63.8 95.6
98 41.2 40.6 61.0



#40
Benzene
Concen: 0.906 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012402.D
Acq: 16 Sep 2019 12:24

Tgt Ion: 78 Resp: 4612
Ion Ratio Lower Upper
78 100
77 24.8 18.2 27.2





#41

Methacrylonitrile

Concen: 1.106 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.00 min

Lab File: VX012402.D

Acq: 16 Sep 2019 12:24

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tgt Ion: 41 Resp: 1225

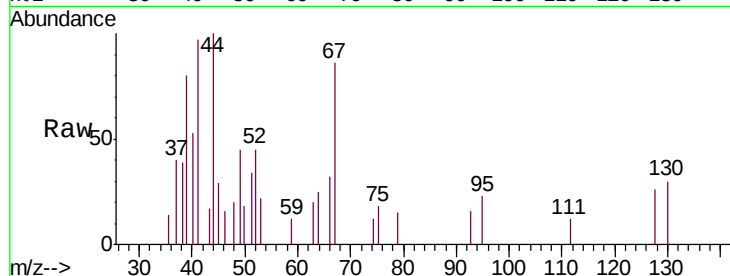
Ion Ratio Lower Upper

41 100

39 51.4 44.4 66.6

67 60.8 53.8 80.8

52 29.6 22.2 33.4

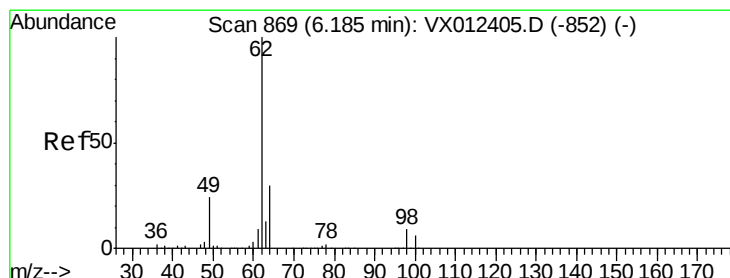
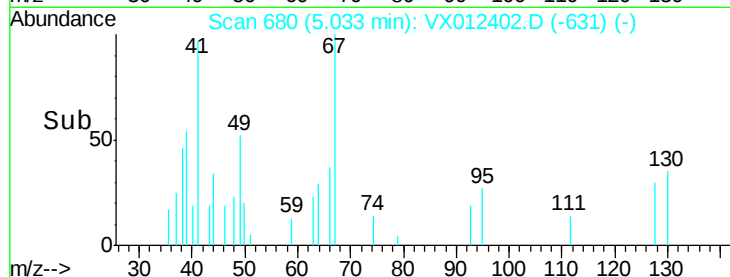
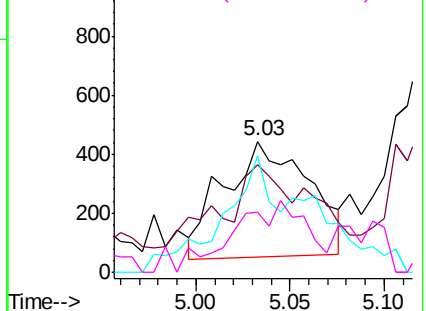


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 1.150 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX012402.D

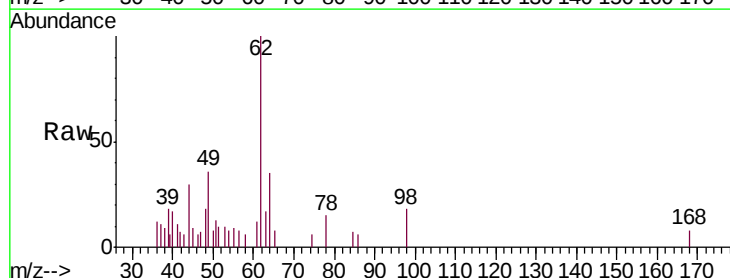
Acq: 16 Sep 2019 12:24

Tgt Ion: 62 Resp: 2229

Ion Ratio Lower Upper

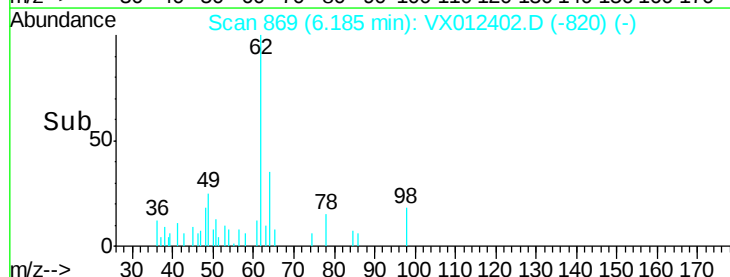
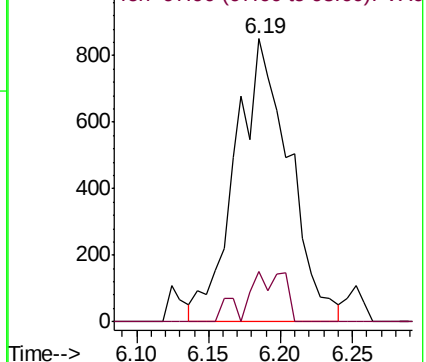
62 100

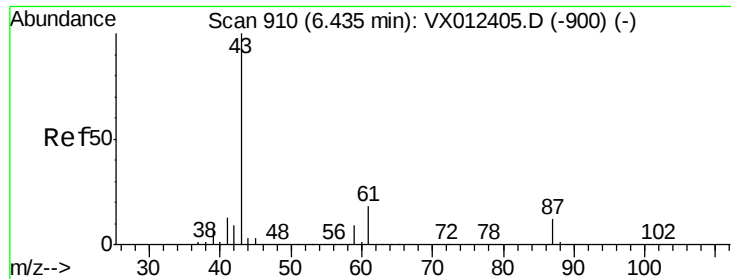
98 10.2 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 1.397 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012402.D

Acq: 16 Sep 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

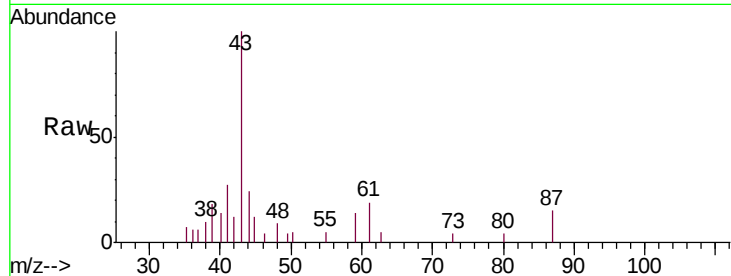
Tgt Ion: 43 Resp: 4307

Ion Ratio Lower Upper

43 100

61 19.1 15.5 23.3

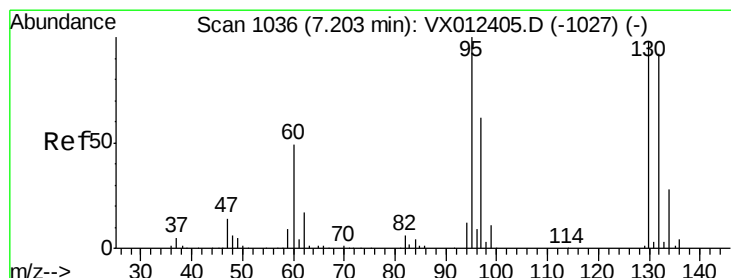
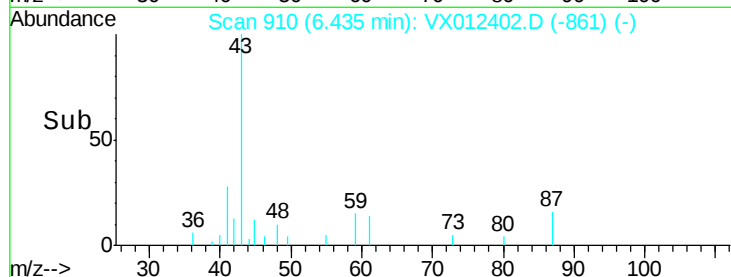
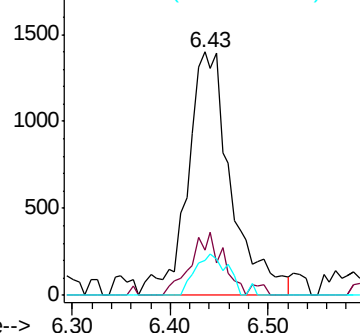
87 12.5 10.0 15.0



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: 0.833 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012402.D

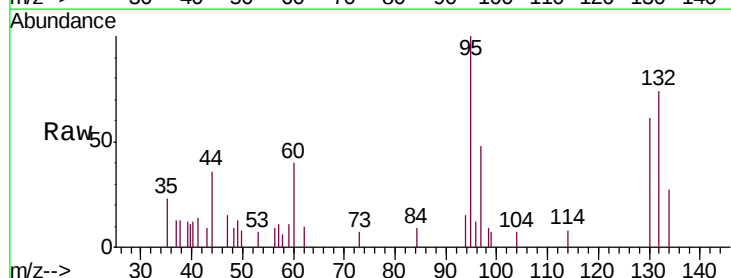
Acq: 16 Sep 2019 12:24

Tgt Ion: 130 Resp: 1270

Ion Ratio Lower Upper

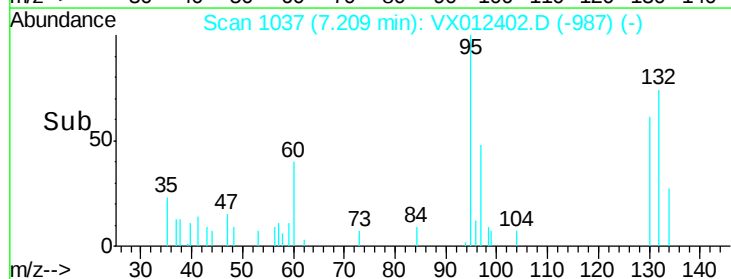
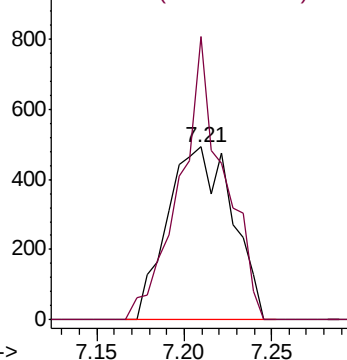
130 100

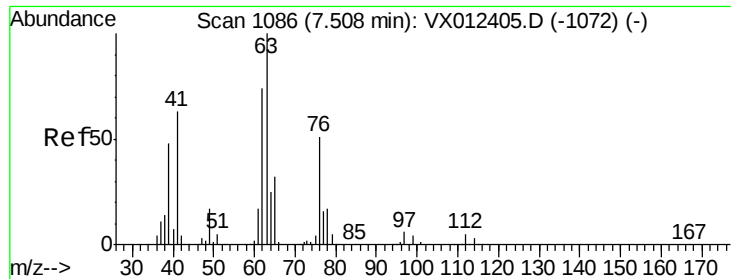
95 163.6 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

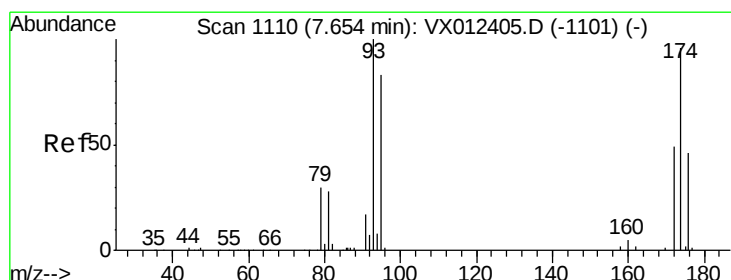
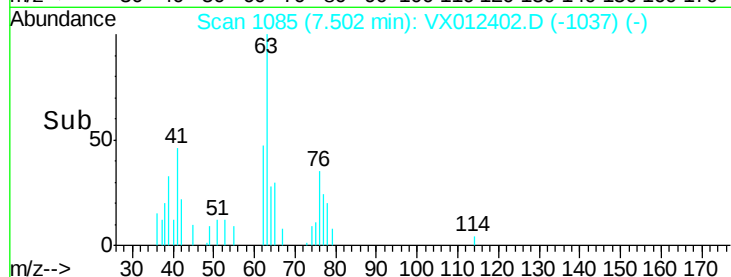
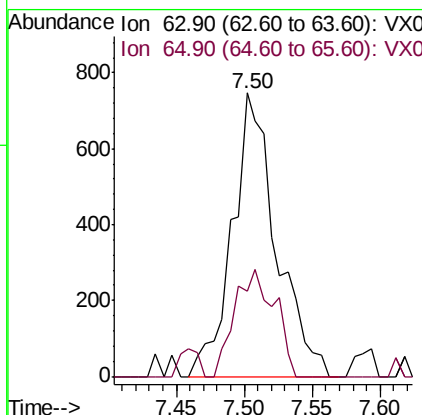
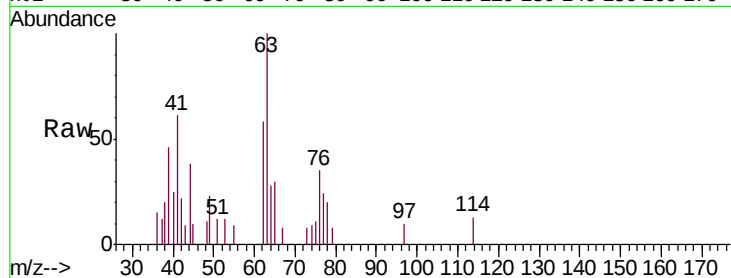




#45
 1,2-Dichloropropane
 Concen: 1.276 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX012402.D
 Acq: 16 Sep 2019 12:24

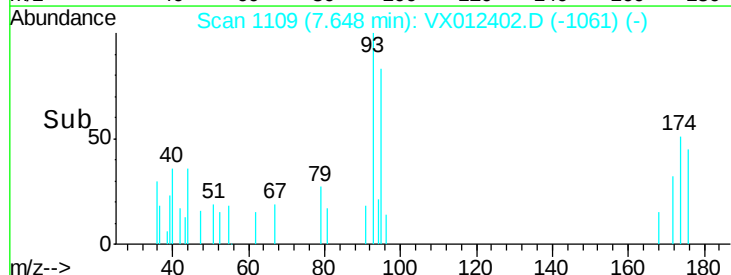
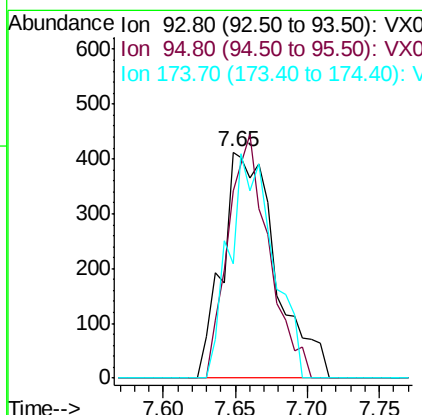
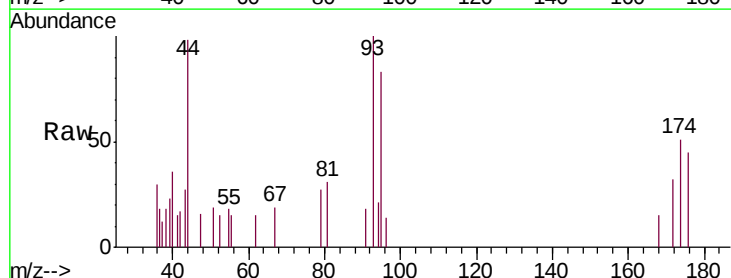
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

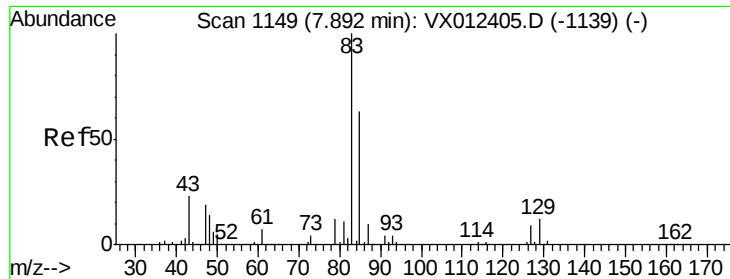
Tgt Ion: 63 Resp: 1679
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.6 38.4



#46
 Dibromomethane
 Concen: 1.120 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX012402.D
 Acq: 16 Sep 2019 12:24

Tgt Ion: 93 Resp: 1068
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.2 99.2
 174 81.5 78.6 118.0





#47

Bromodichloromethane

Concen: 1.232 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX012402.D

Acq: 16 Sep 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

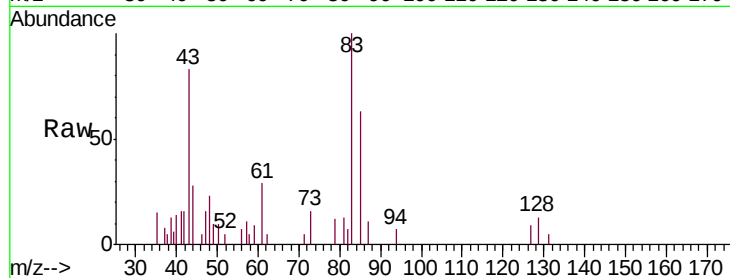
Tgt Ion: 83 Resp: 2223

Ion Ratio Lower Upper

83 100

85 63.0 50.2 75.4

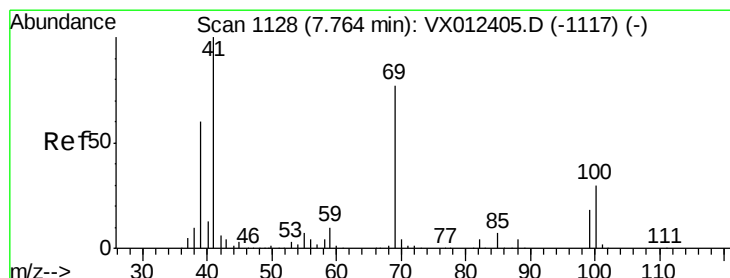
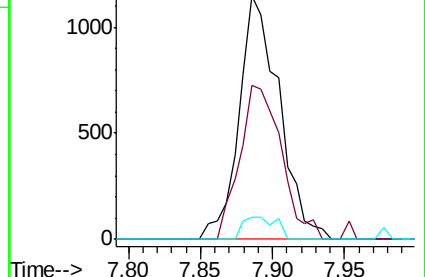
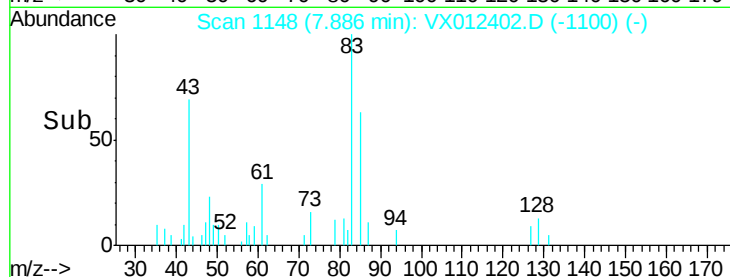
127 9.1 6.9 10.3



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: 0.910 ug/l

RT: 7.77 min Scan# 1129

Delta R.T. 0.01 min

Lab File: VX012402.D

Acq: 16 Sep 2019 12:24

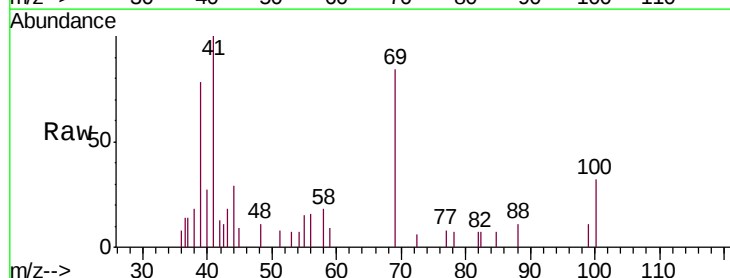
Tgt Ion: 41 Resp: 1373

Ion Ratio Lower Upper

41 100

69 108.2 61.6 92.4#

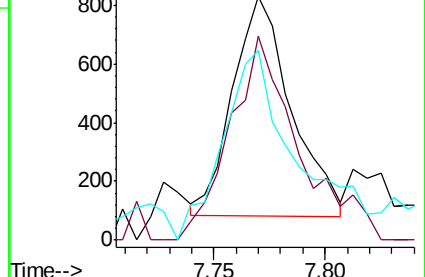
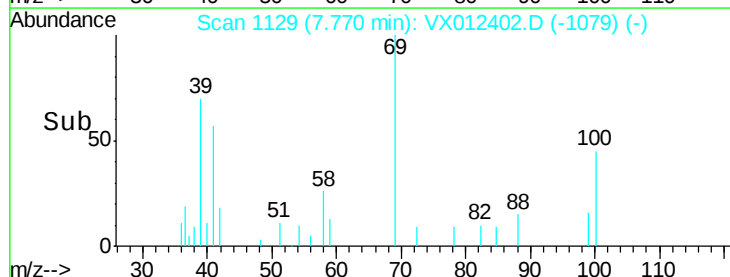
39 110.4 47.6 71.4#

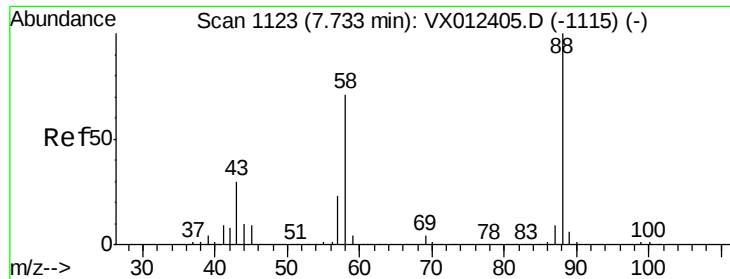


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

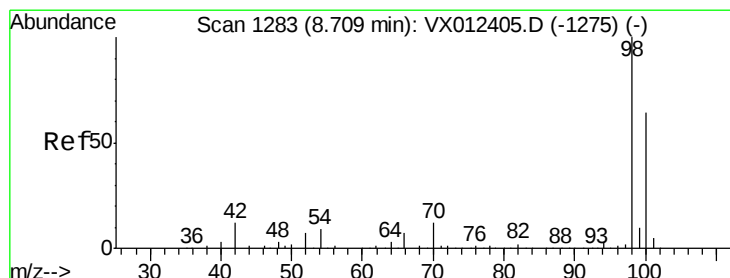
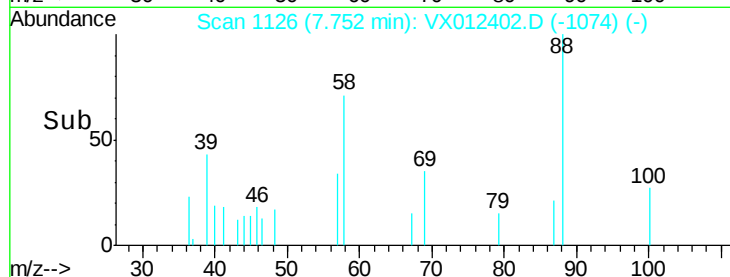
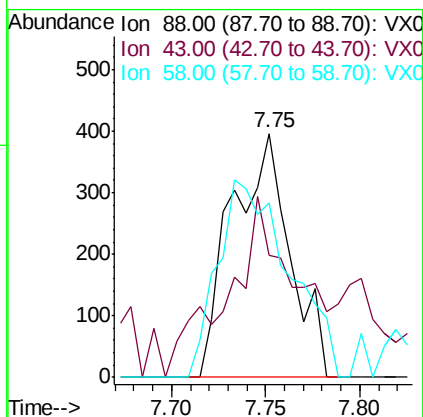
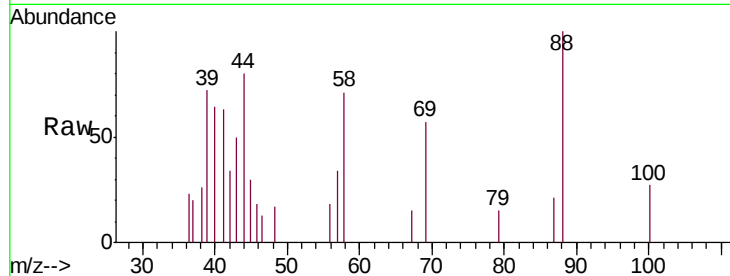




#49
1,4-Dioxane
Concen: 20.757 ug/l
RT: 7.75 min Scan# 1126
Delta R.T. 0.02 min
Lab File: VX012402.D
Acq: 16 Sep 2019 12:24

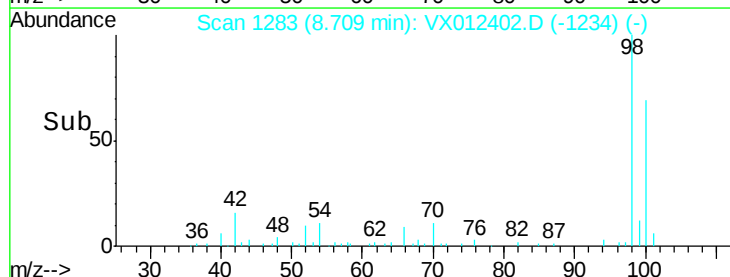
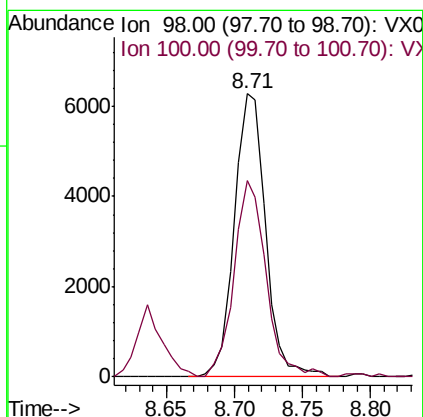
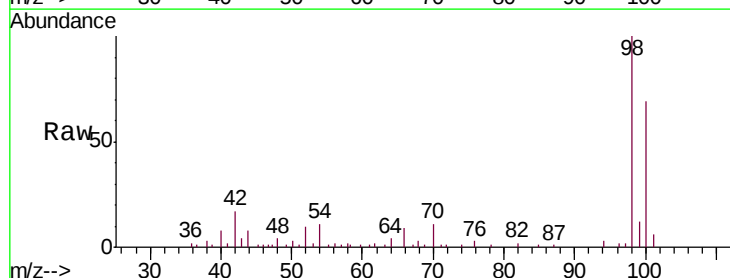
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

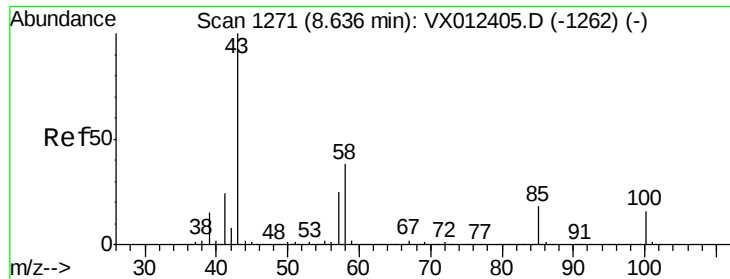
Tgt Ion: 88 Resp: 850
Ion Ratio Lower Upper
88 100
43 86.1 26.6 39.8#
58 99.3 57.1 85.7#



#50
Toluene-d8
Concen: 2.021 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012402.D
Acq: 16 Sep 2019 12:24

Tgt Ion: 98 Resp: 10079
Ion Ratio Lower Upper
98 100
100 70.9 54.4 81.6

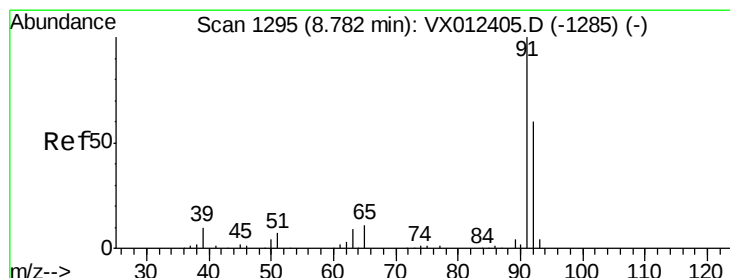
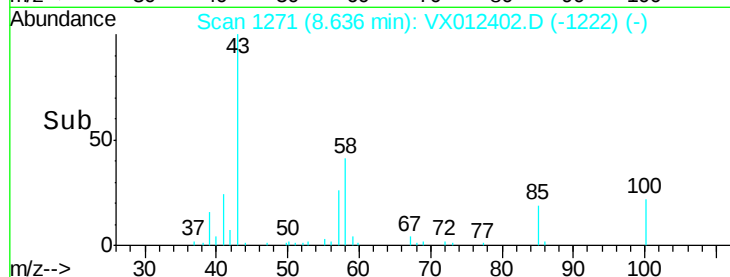
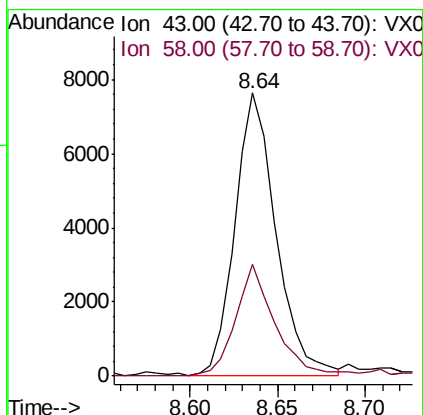
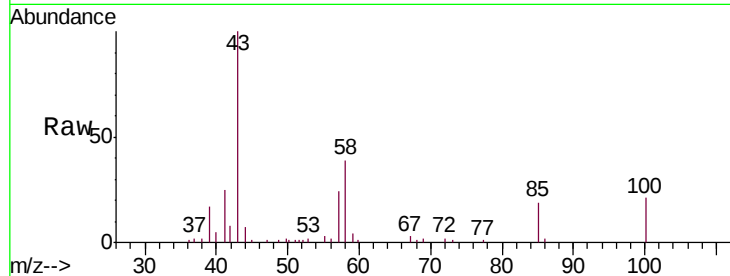




#51
 4-Methyl-2-Pentanone
 Concen: 6.152 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX012402.D
 Acq: 16 Sep 2019 12:24

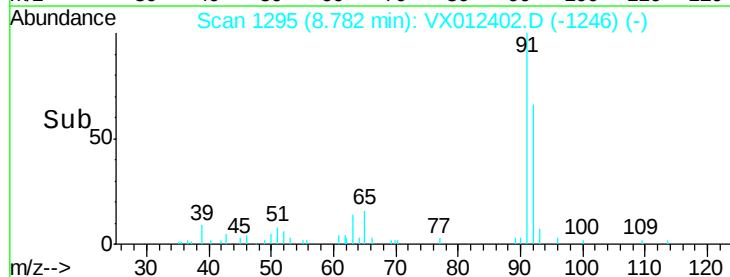
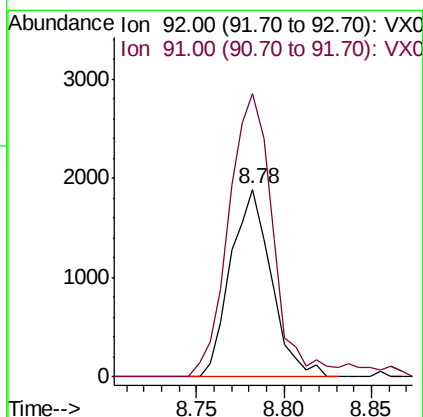
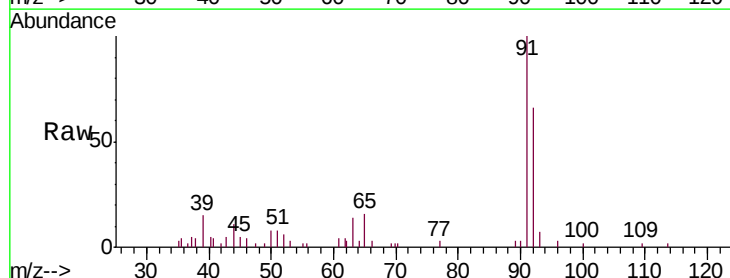
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

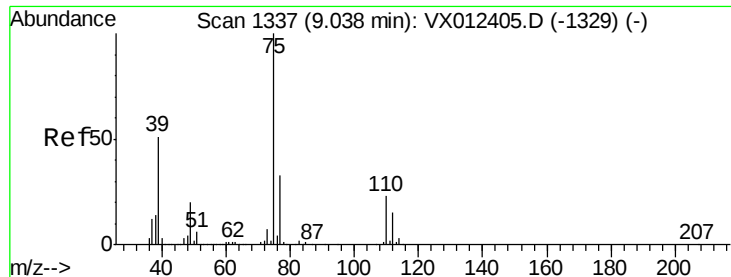
Tgt Ion: 43 Resp: 12509
 Ion Ratio Lower Upper
 43 100
 58 37.5 30.2 45.4



#52
 Toluene
 Concen: 0.933 ug/l
 RT: 8.78 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: VX012402.D
 Acq: 16 Sep 2019 12:24

Tgt Ion: 92 Resp: 3067
 Ion Ratio Lower Upper
 92 100
 91 163.2 133.3 199.9

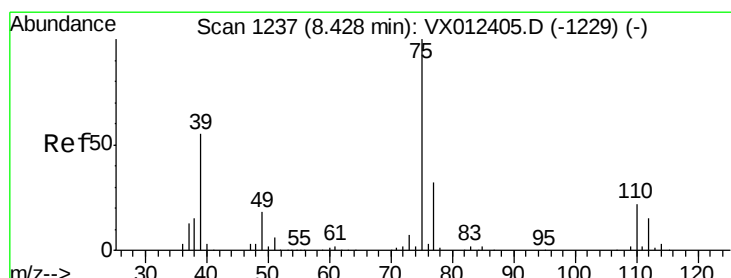
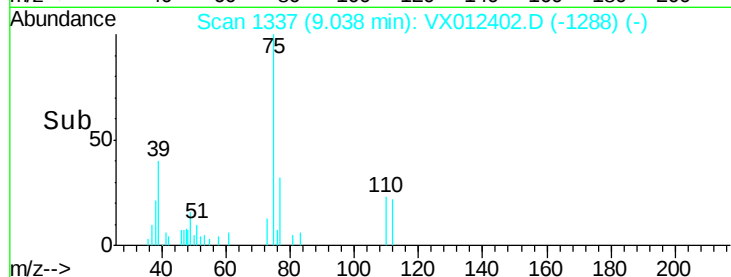
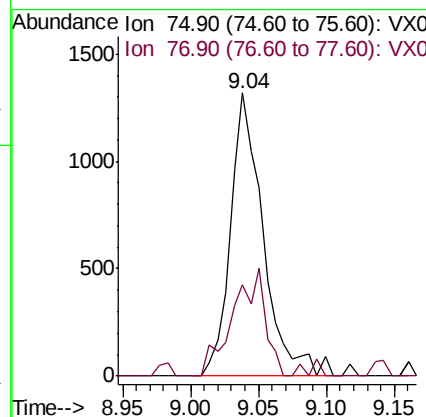
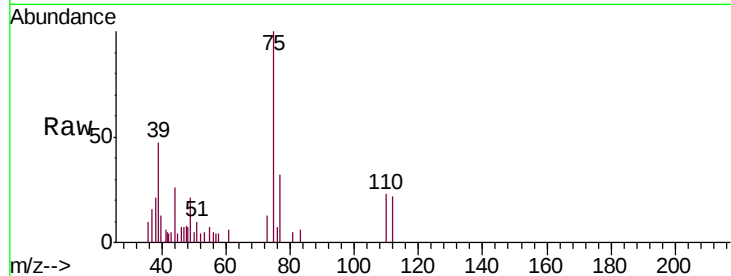




#53
 t-1,3-Dichloropropene
 Concen: 1.166 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012402.D
 Acq: 16 Sep 2019 12:24

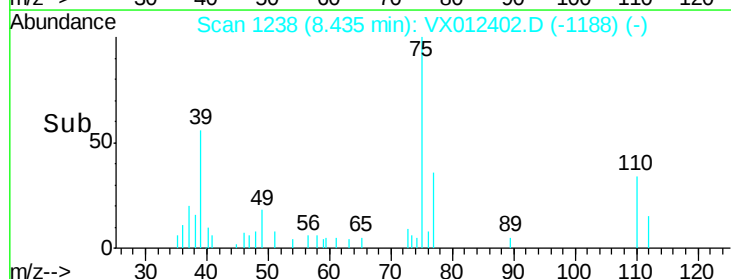
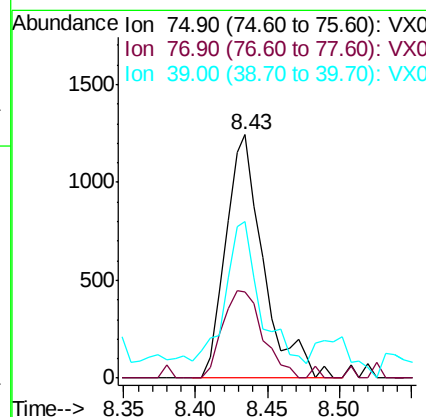
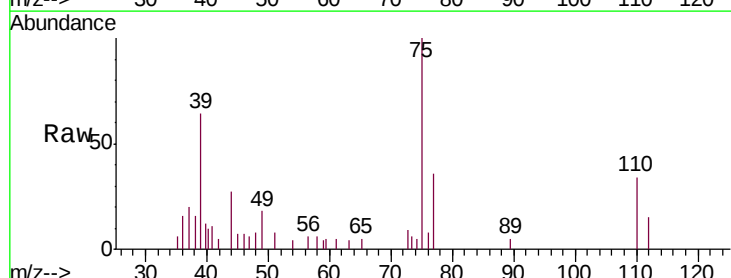
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

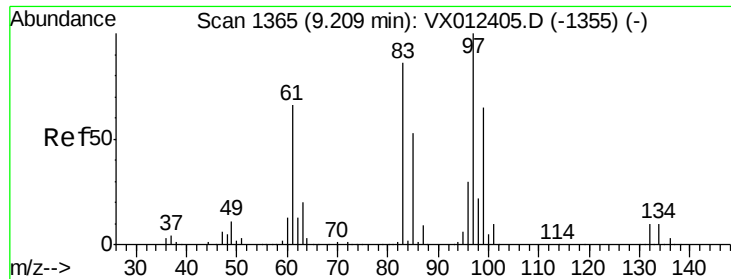
Tgt Ion: 75 Resp: 2198
 Ion Ratio Lower Upper
 75 100
 77 32.3 26.1 39.1



#54
 cis-1,3-Dichloropropene
 Concen: 1.121 ug/l
 RT: 8.43 min Scan# 1238
 Delta R.T. 0.01 min
 Lab File: VX012402.D
 Acq: 16 Sep 2019 12:24

Tgt Ion: 75 Resp: 2274
 Ion Ratio Lower Upper
 75 100
 77 35.5 25.2 37.8
 39 57.4 43.8 65.8

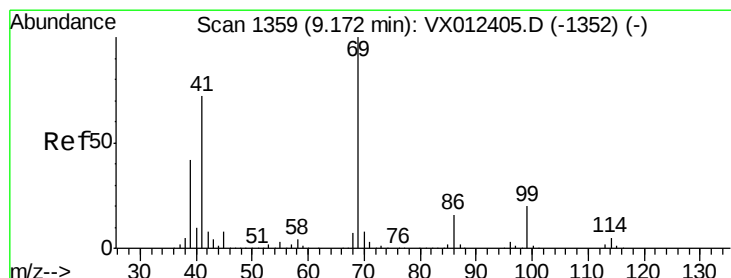
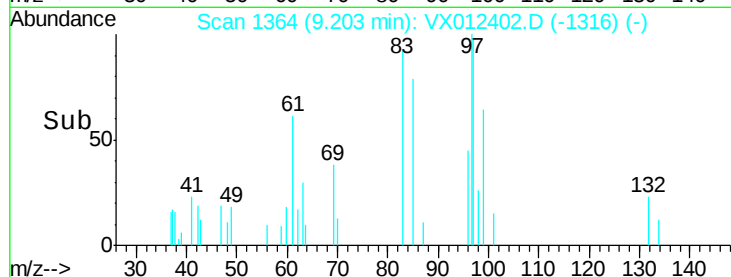
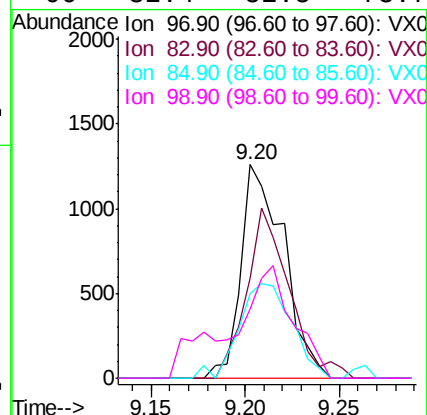
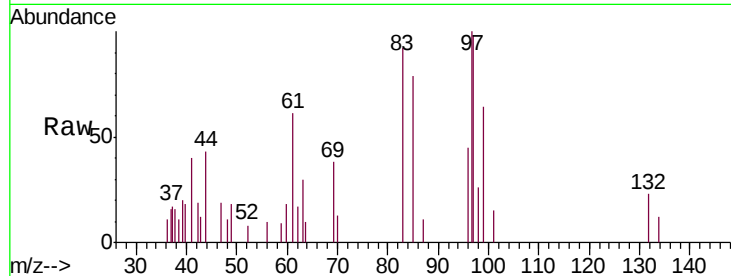




#55
 1,1,2-Trichloroethane
 Concen: 1.395 ug/l
 RT: 9.20 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VX012402.D
 Acq: 16 Sep 2019 12:24

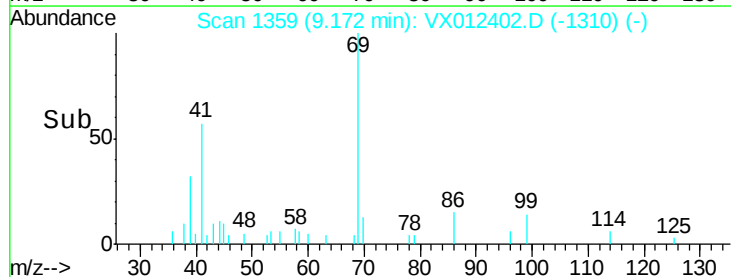
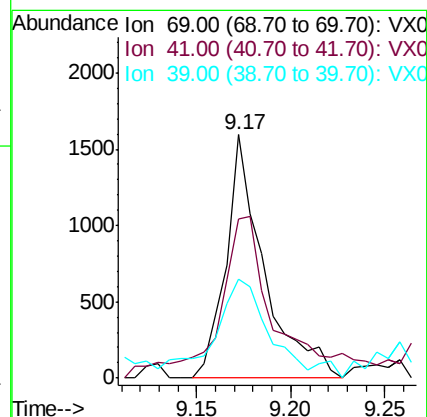
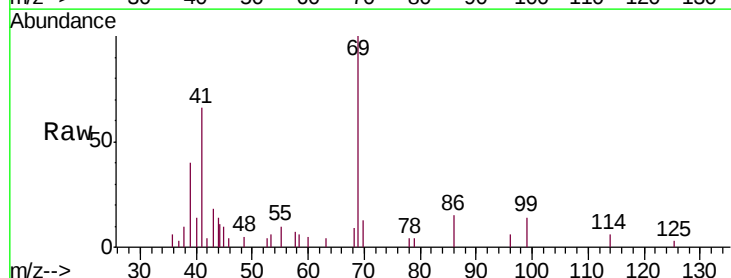
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

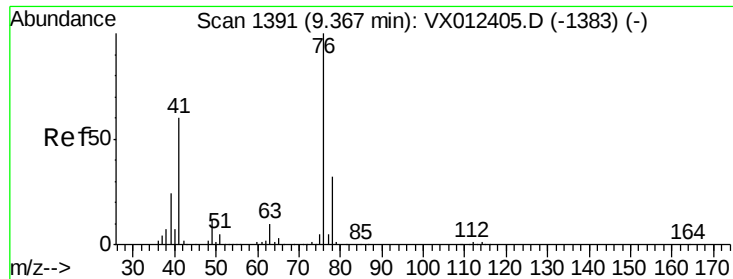
Tgt Ion: 97 Resp: 1981
 Ion Ratio Lower Upper
 97 100
 83 46.6 68.5 102.7#
 85 39.8 42.6 64.0#
 99 32.4 52.5 78.7#



#56
 Ethyl methacrylate
 Concen: 1.091 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012402.D
 Acq: 16 Sep 2019 12:24

Tgt Ion: 69 Resp: 2233
 Ion Ratio Lower Upper
 69 100
 41 74.9 57.0 85.6
 39 60.8 32.6 49.0#

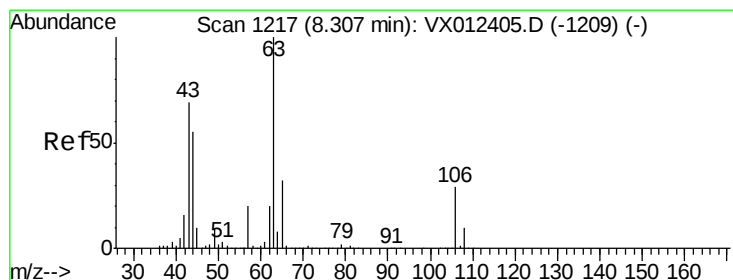
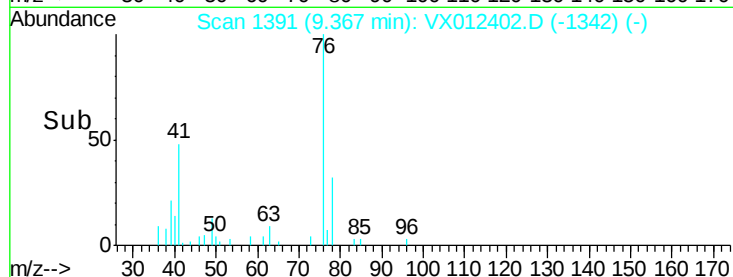
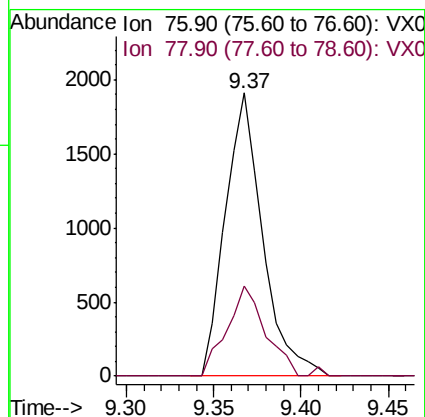
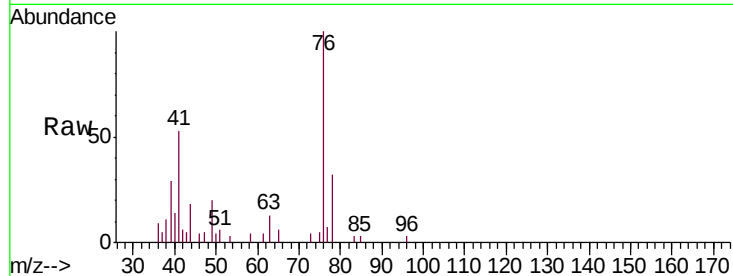




#57
 1,3-Dichloropropane
 Concen: 1.223 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012402.D
 Acq: 16 Sep 2019 12:24

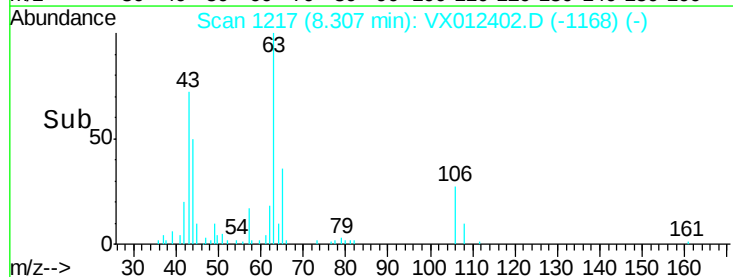
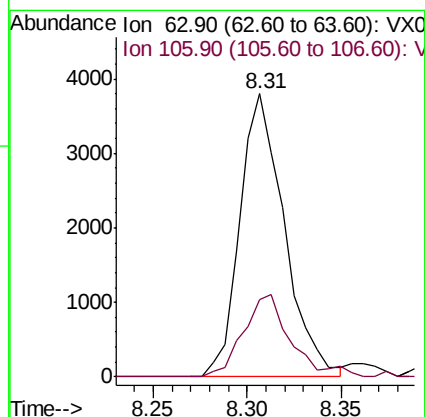
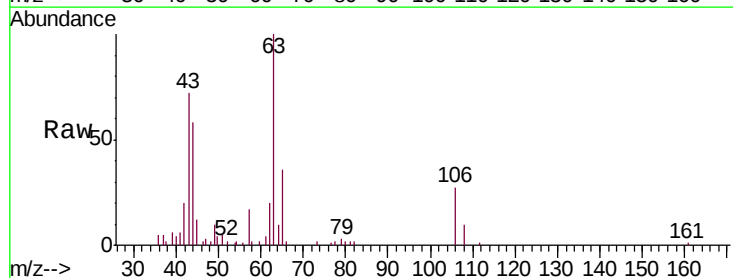
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

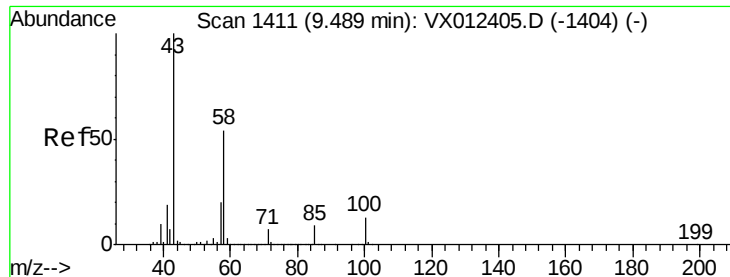
Tgt Ion: 76 Resp: 2838
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 5.723 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012402.D
 Acq: 16 Sep 2019 12:24

Tgt Ion: 63 Resp: 6214
 Ion Ratio Lower Upper
 63 100
 106 30.9 23.8 35.8

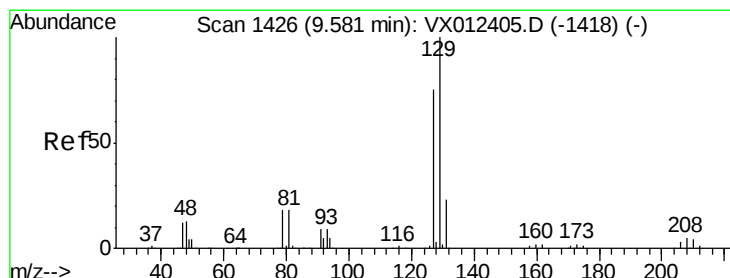
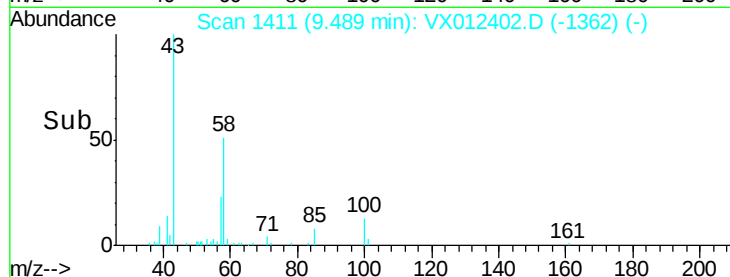
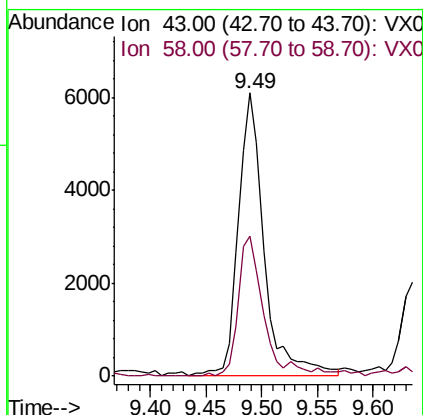
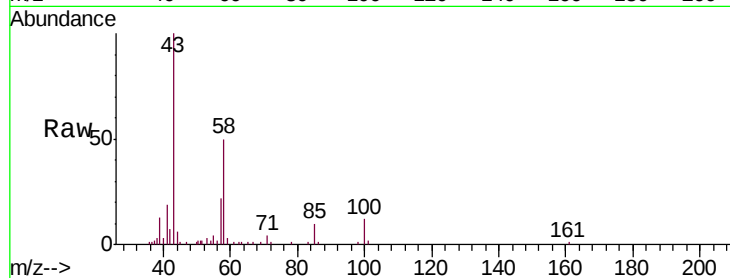




#59
2-Hexanone
Concen: 6.346 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012402.D
Acq: 16 Sep 2019 12:24

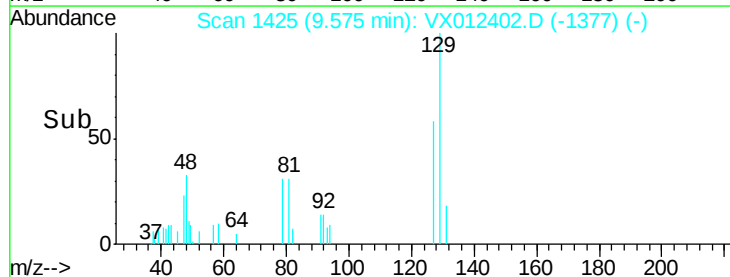
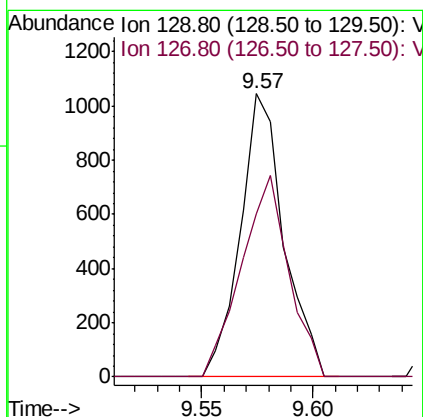
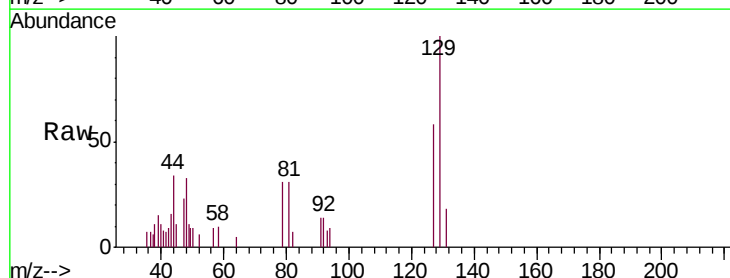
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

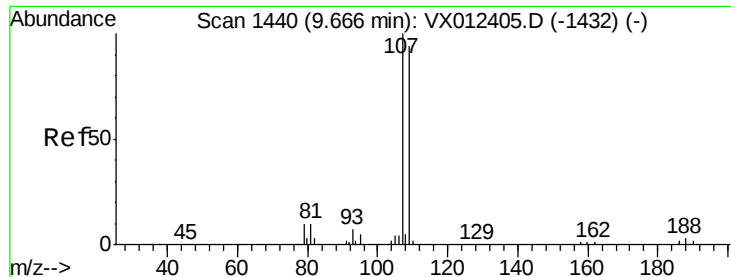
Tgt Ion: 43 Resp: 9868
Ion Ratio Lower Upper
43 100
58 47.6 26.4 79.0



#60
Dibromochloromethane
Concen: 0.925 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012402.D
Acq: 16 Sep 2019 12:24

Tgt Ion: 129 Resp: 1426
Ion Ratio Lower Upper
129 100
127 77.5 38.1 114.3





#61

1,2-Dibromoethane

Concen: 1.014 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012402.D

Acq: 16 Sep 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

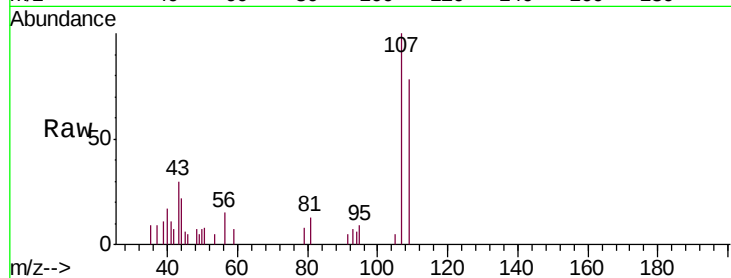
VSTDIC001

Tgt Ion: 107 Resp: 1503

Ion Ratio Lower Upper

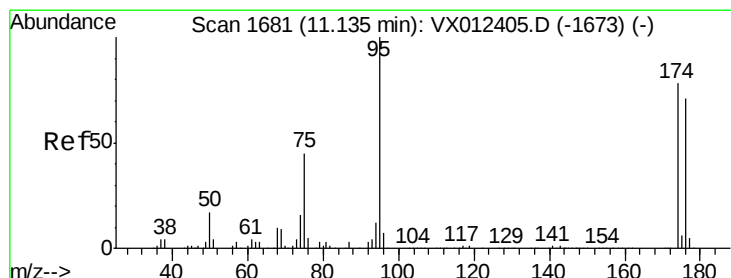
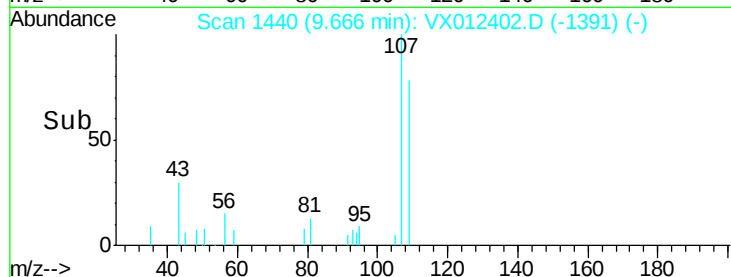
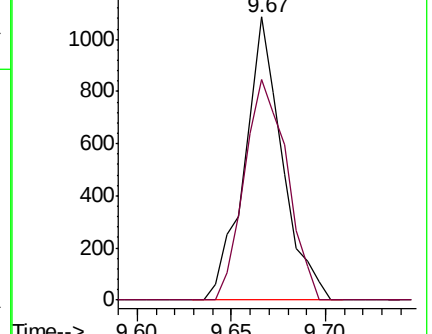
107 100

109 88.4 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 2.080 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012402.D

Acq: 16 Sep 2019 12:24

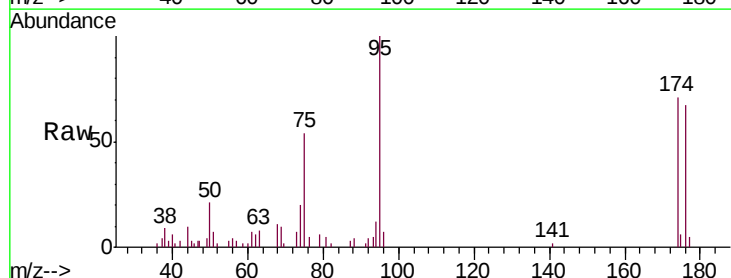
Tgt Ion: 95 Resp: 4164

Ion Ratio Lower Upper

95 100

174 71.9 0.0 146.0

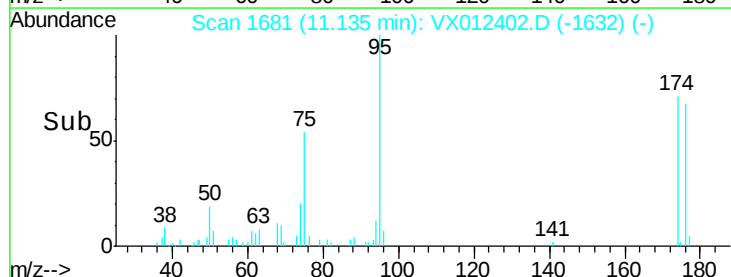
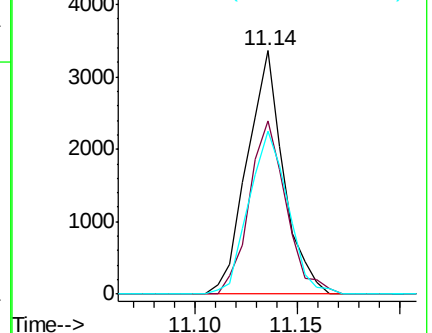
176 72.2 0.0 137.6

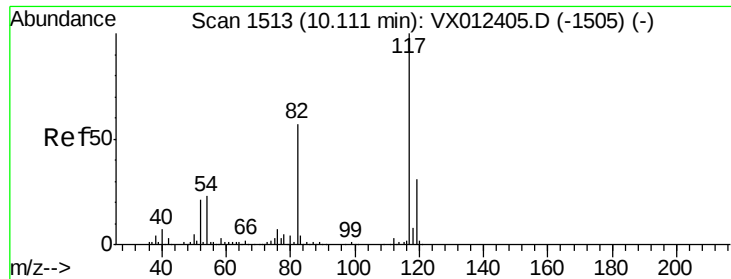


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

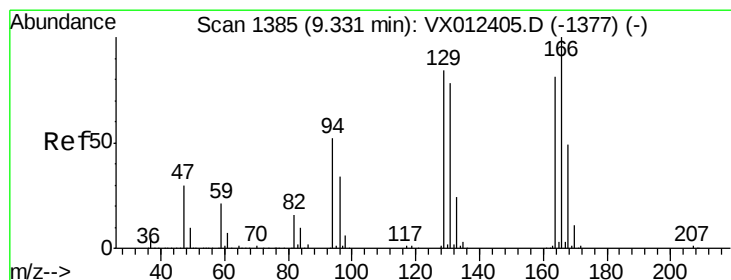
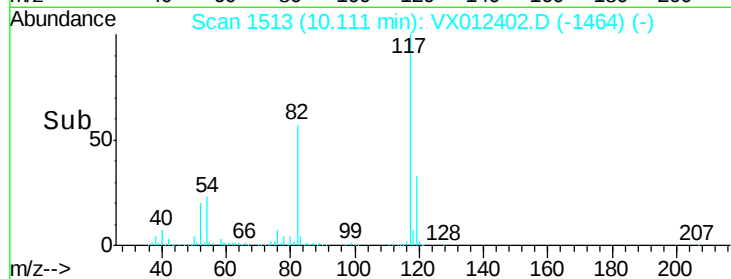
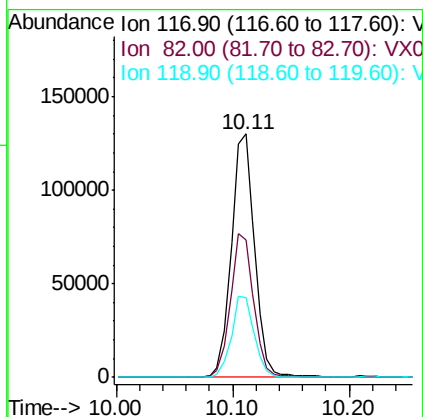
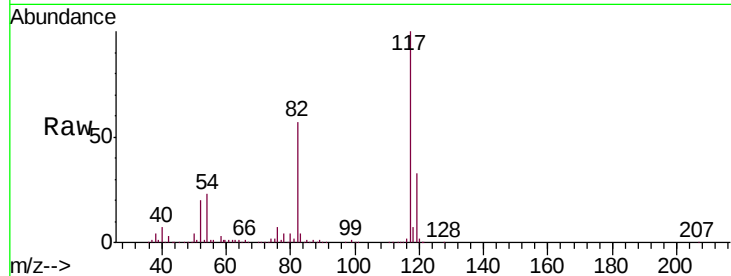




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012402.D
Acq: 16 Sep 2019 12:24

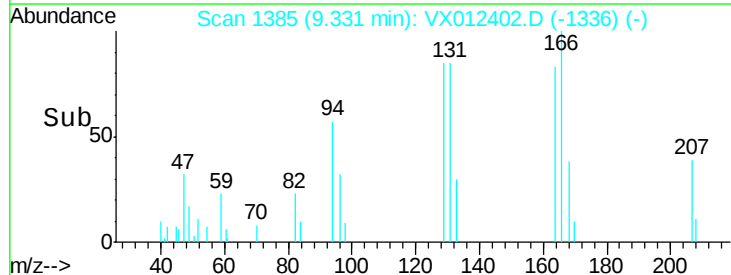
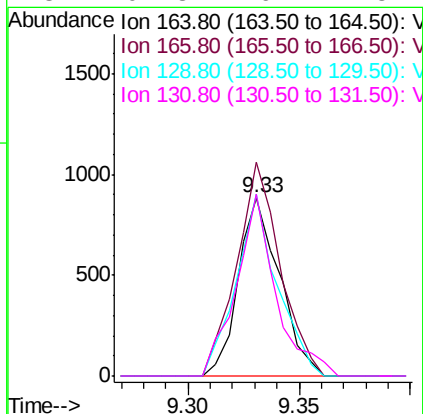
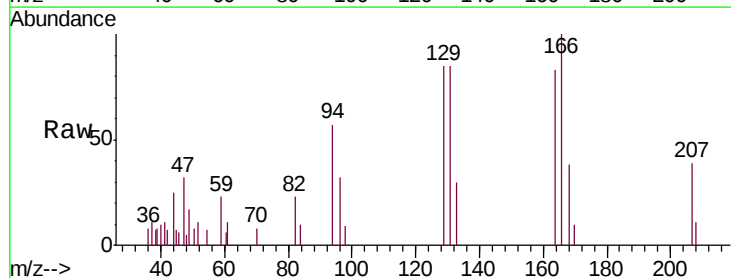
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

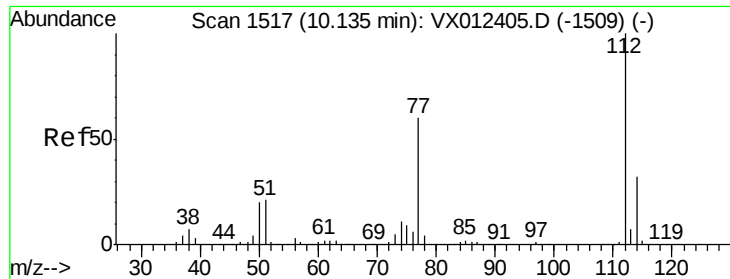
Tgt Ion:117 Resp: 181248
Ion Ratio Lower Upper
117 100
82 56.5 45.8 68.6
119 32.9 24.9 37.3



#64
Tetrachloroethene
Concen: 0.814 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012402.D
Acq: 16 Sep 2019 12:24

Tgt Ion:164 Resp: 1141
Ion Ratio Lower Upper
164 100
166 119.8 98.2 147.4
129 101.8 82.6 123.8
131 102.3 76.7 115.1





#65

Chlorobenzene

Concen: 1.042 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012402.D

Acq: 16 Sep 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

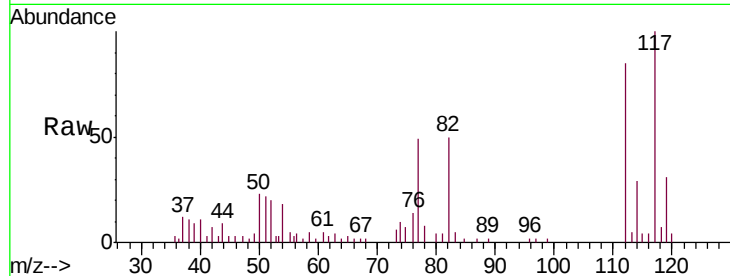
VSTDIC001

Tgt Ion:112 Resp: 3864

Ion Ratio Lower Upper

112 100

114 33.7 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

3000

2500

2000

1500

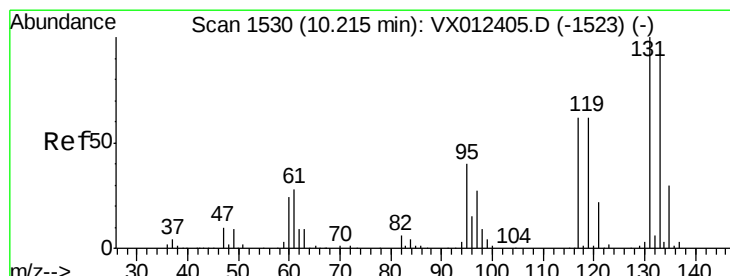
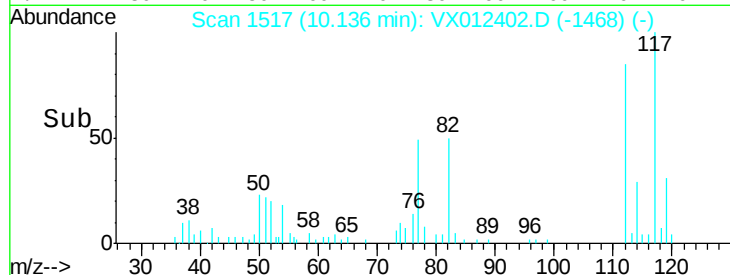
1000

500

0

Time-->

10.10 10.15 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 1.032 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX012402.D

Acq: 16 Sep 2019 12:24

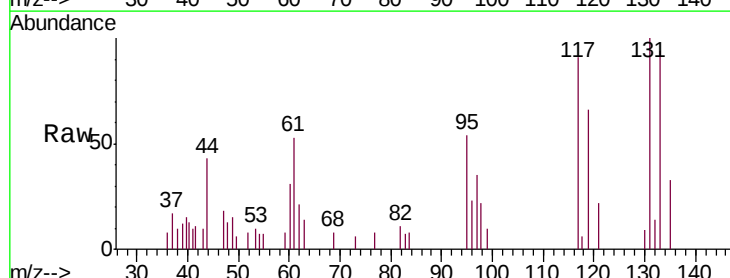
Tgt Ion:131 Resp: 1466

Ion Ratio Lower Upper

131 100

133 96.6 48.4 145.0

119 0.0 31.6 94.7#



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

1200

1000

800

600

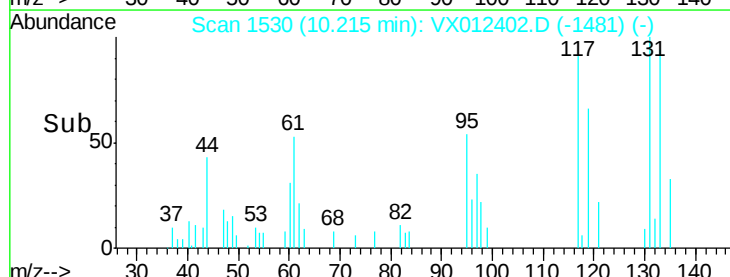
400

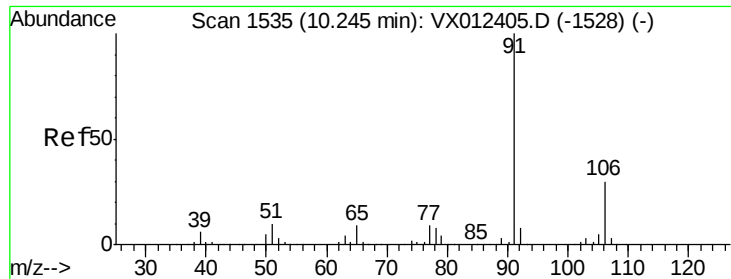
200

0

Time-->

10.20 10.25

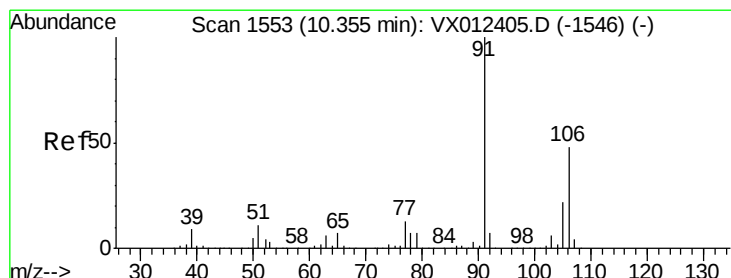
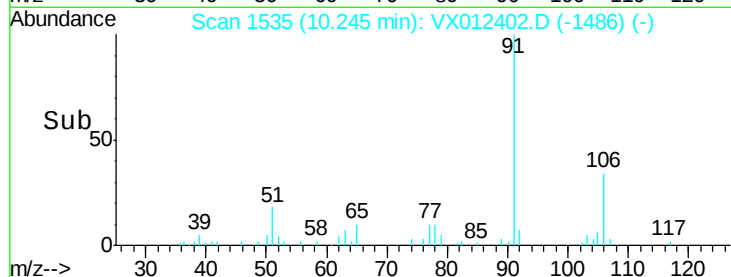
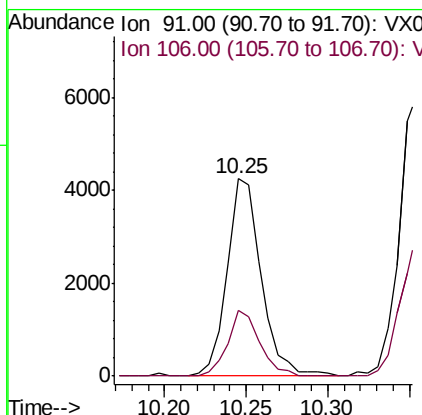
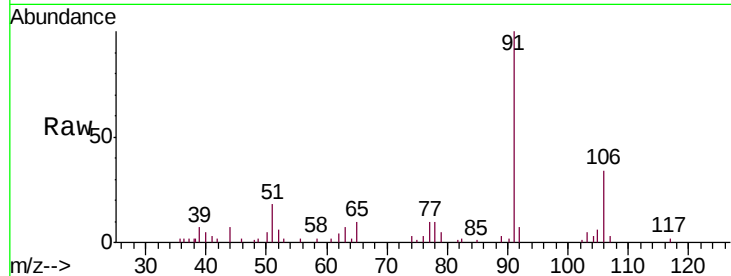




#67
Ethyl Benzene
Concen: 1.004 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012402.D
Acq: 16 Sep 2019 12:24

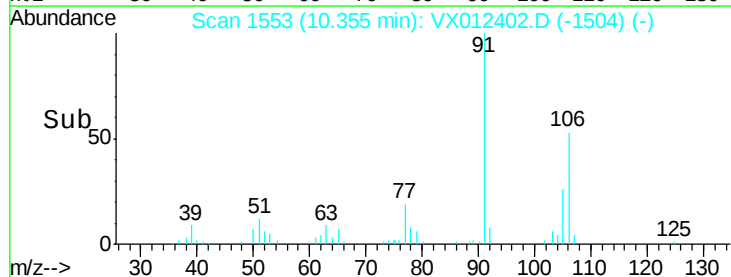
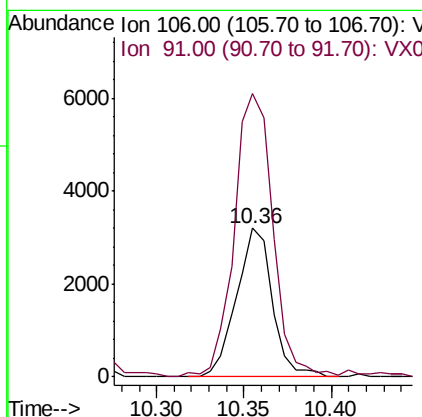
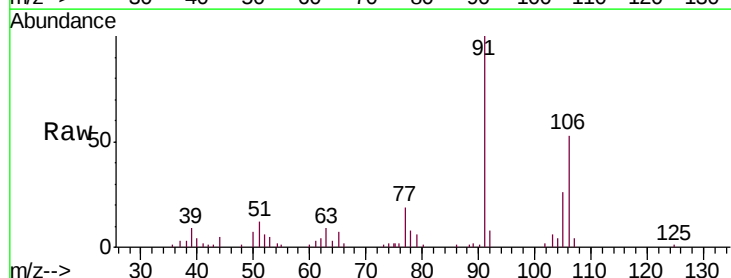
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

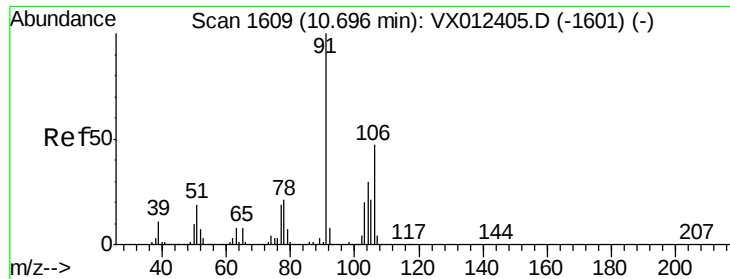
Tgt Ion: 91 Resp: 6201
Ion Ratio Lower Upper
91 100
106 33.6 24.0 36.0



#68
m/p-Xylenes
Concen: 1.944 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012402.D
Acq: 16 Sep 2019 12:24

Tgt Ion: 106 Resp: 4573
Ion Ratio Lower Upper
106 100
91 205.6 167.4 251.0

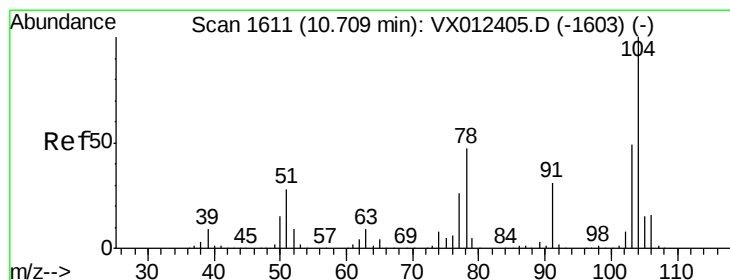
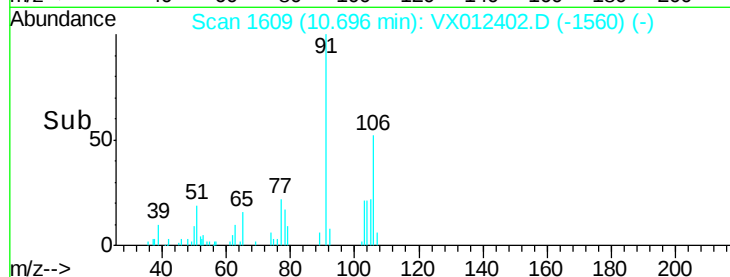
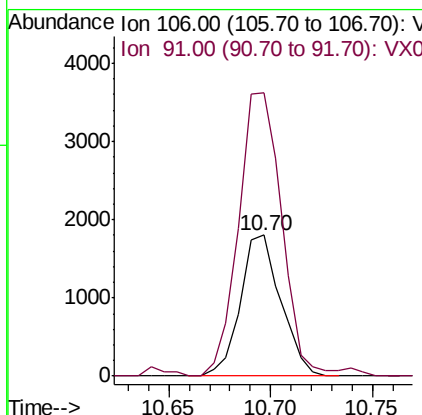
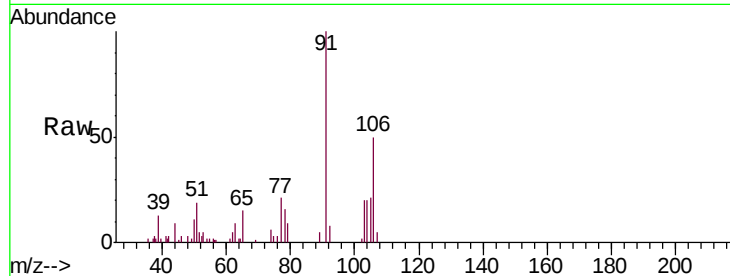




#69
o-Xylene
Concen: 1.063 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012402.D
Acq: 16 Sep 2019 12:24

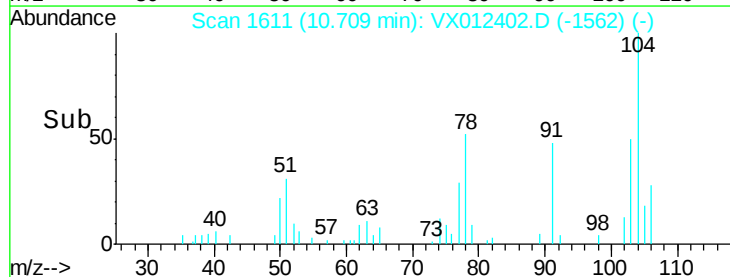
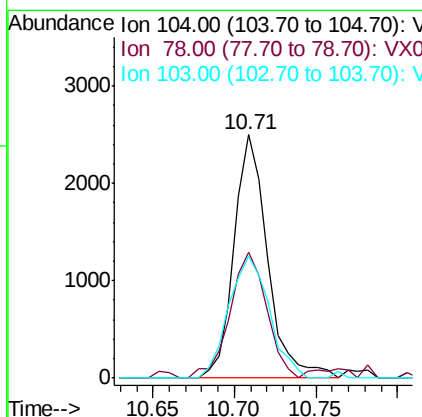
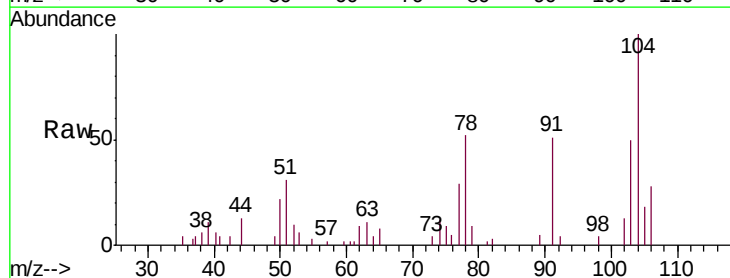
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

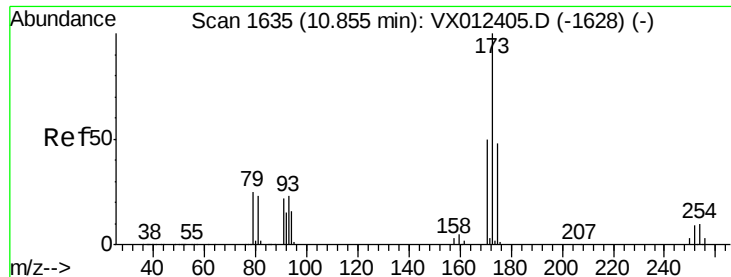
Tgt Ion:106 Resp: 2488
Ion Ratio Lower Upper
106 100
91 216.8 107.8 323.6



#70
Styrene
Concen: 0.905 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012402.D
Acq: 16 Sep 2019 12:24

Tgt Ion:104 Resp: 3586
Ion Ratio Lower Upper
104 100
78 56.3 42.3 63.5
103 60.2 42.9 64.3

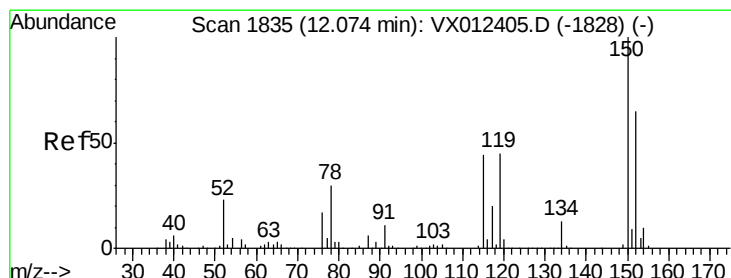
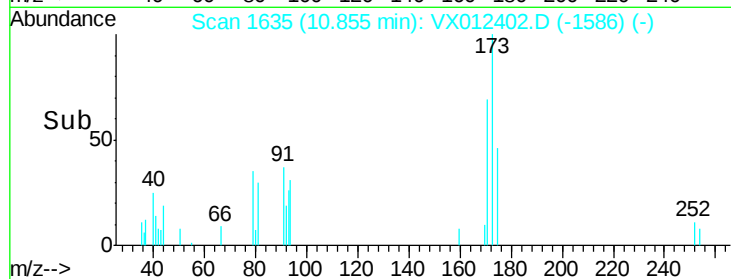
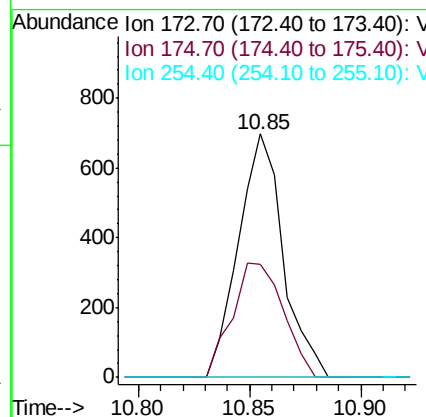
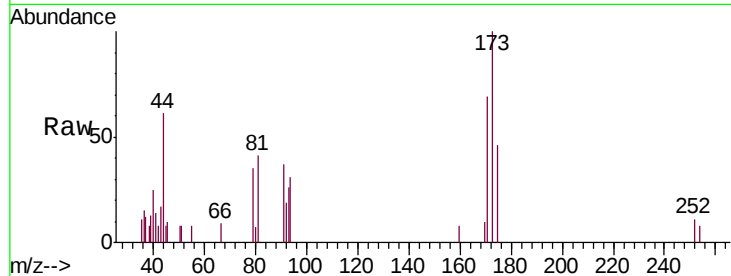




#71
Bromoform
Concen: 0.812 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012402.D
Acq: 16 Sep 2019 12:24

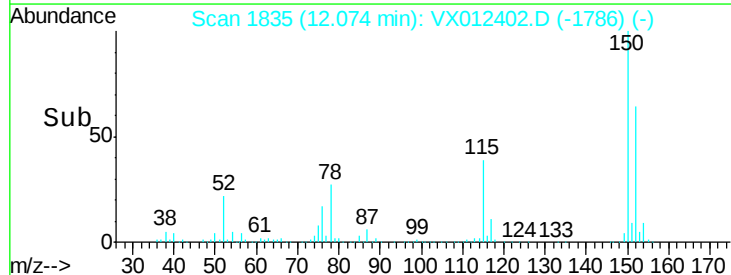
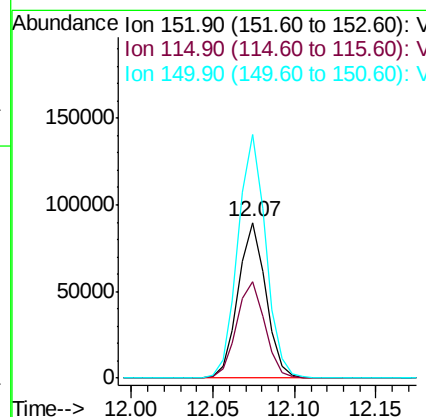
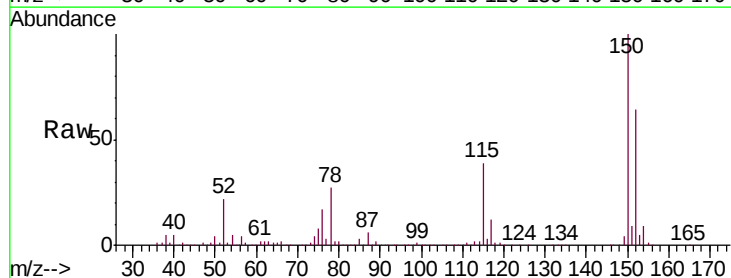
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

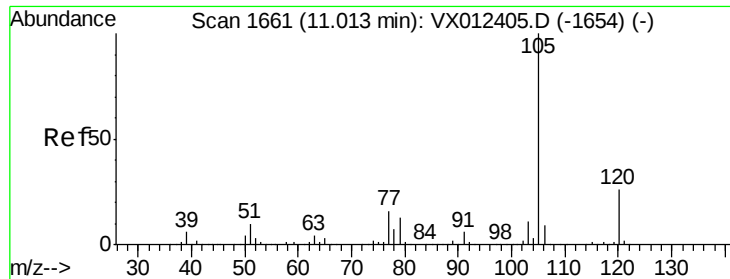
Tgt Ion:173 Resp: 973
Ion Ratio Lower Upper
173 100
175 53.8 24.3 73.0
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012402.D
Acq: 16 Sep 2019 12:24

Tgt Ion:152 Resp: 106155
Ion Ratio Lower Upper
152 100
115 63.4 45.3 135.9
150 156.9 0.0 354.0





#73

Isopropylbenzene

Concen: 0.929 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012402.D

Acq: 16 Sep 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

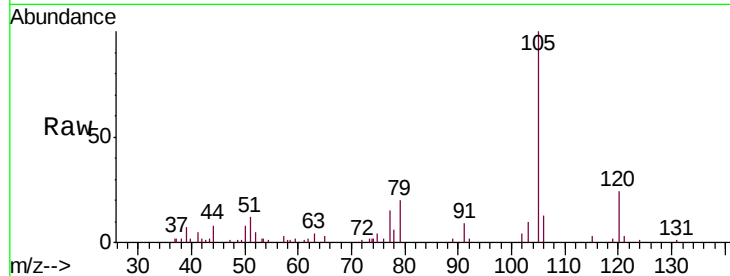
VSTDIC001

Tgt Ion:105 Resp: 6179

Ion Ratio Lower Upper

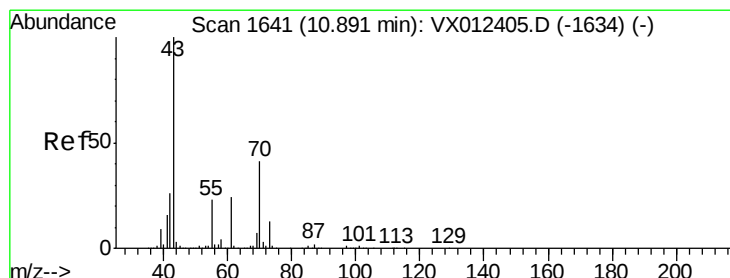
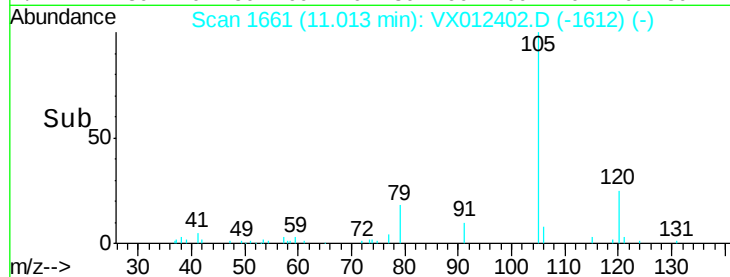
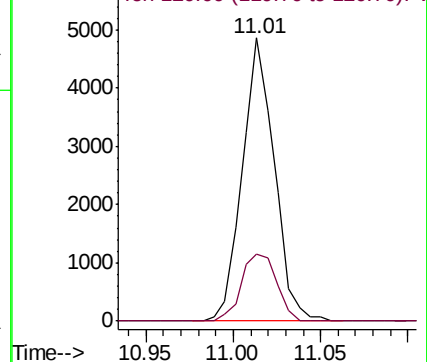
105 100

120 26.1 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.131 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012402.D

Acq: 16 Sep 2019 12:24

Tgt Ion: 43 Resp: 3130

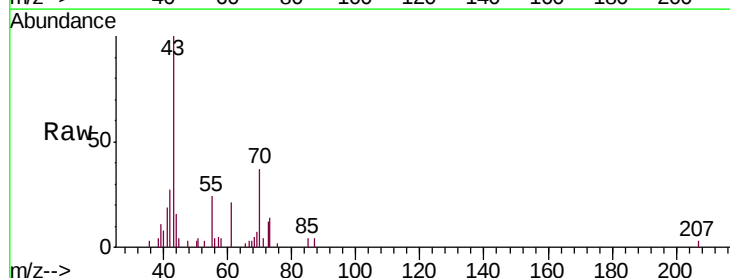
Ion Ratio Lower Upper

43 100

70 43.8 32.7 49.1

55 31.1 18.9 28.3#

61 29.2 19.0 28.4#

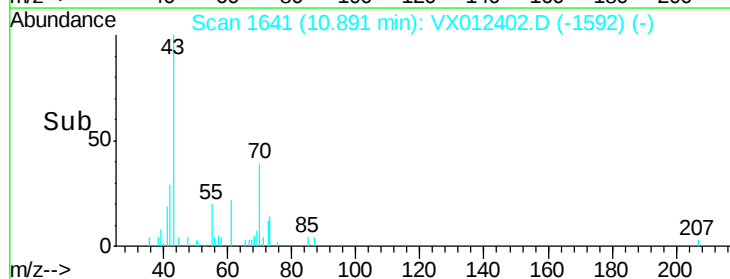
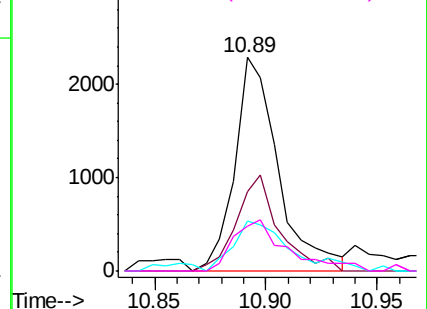


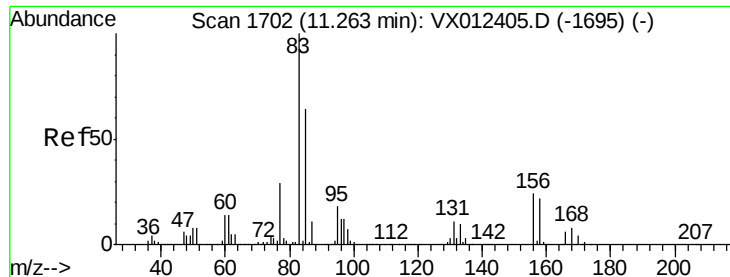
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 1.079 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012402.D

Acq: 16 Sep 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

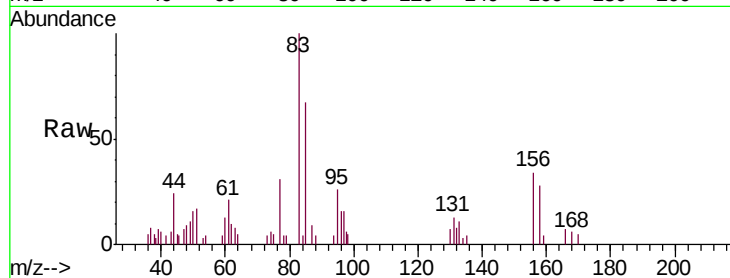
Tgt Ion: 83 Resp: 2481

Ion Ratio Lower Upper

83 100

131 13.3 5.5 16.4

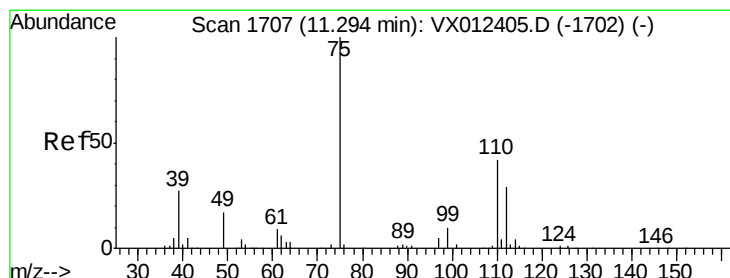
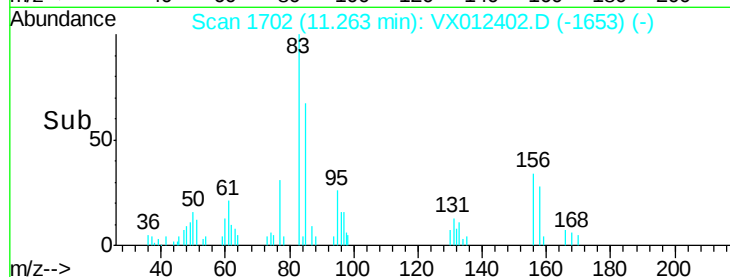
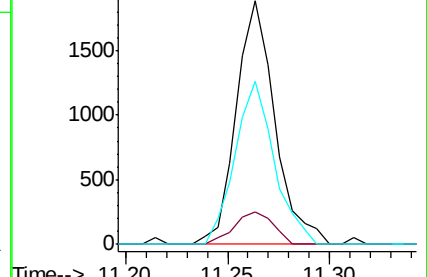
85 67.8 32.9 98.7



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: 1.374 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX012402.D

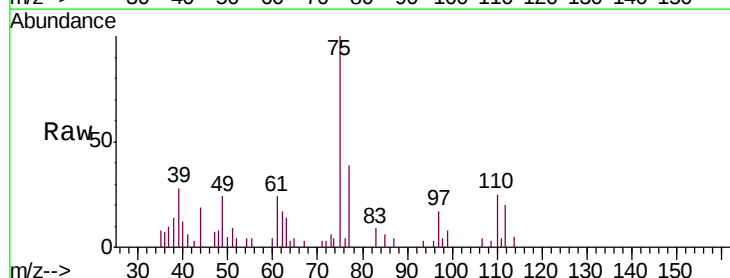
Acq: 16 Sep 2019 12:24

Tgt Ion: 75 Resp: 2823

Ion Ratio Lower Upper

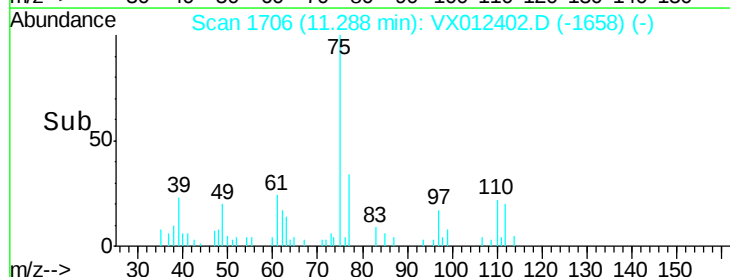
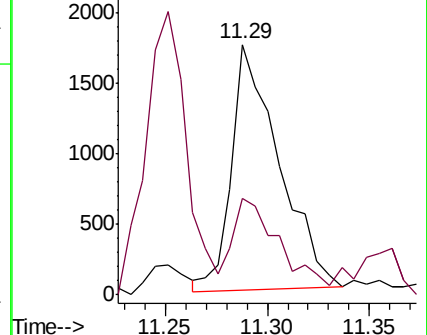
75 100

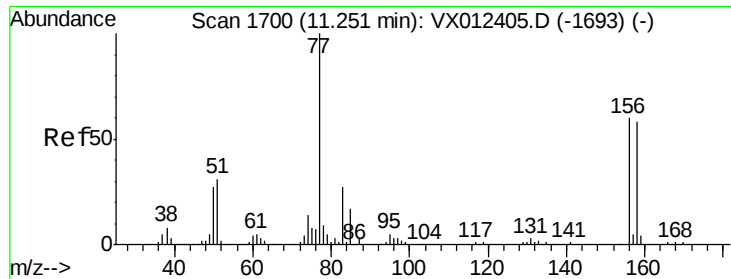
77 39.9 19.4 58.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.881 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012402.D

Acq: 16 Sep 2019 12:24

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

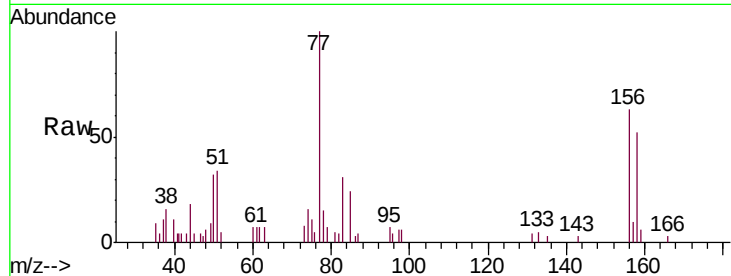
Tgt Ion:156 Resp: 1688

Ion Ratio Lower Upper

156 100

77 166.1 84.8 254.3

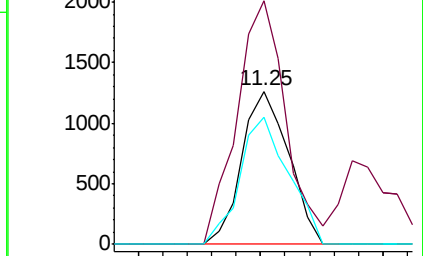
158 86.4 47.9 143.6



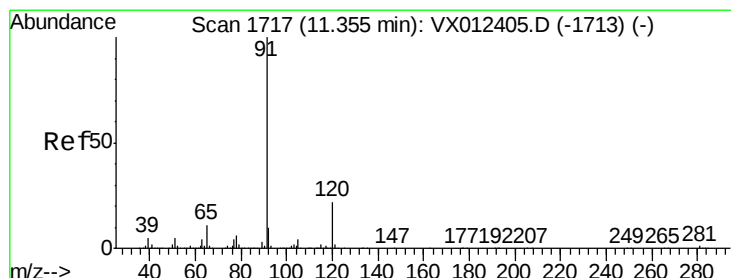
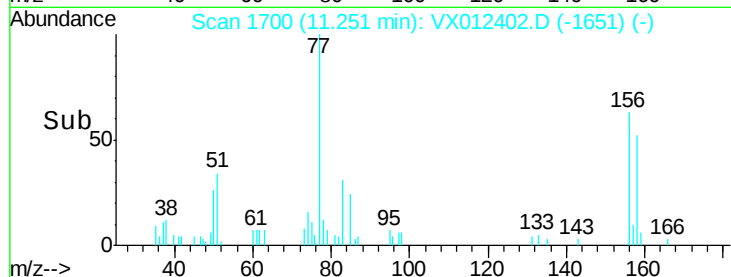
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 0.989 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012402.D

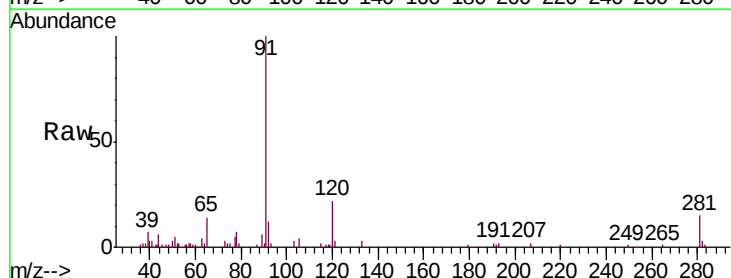
Acq: 16 Sep 2019 12:24

Tgt Ion: 91 Resp: 7080

Ion Ratio Lower Upper

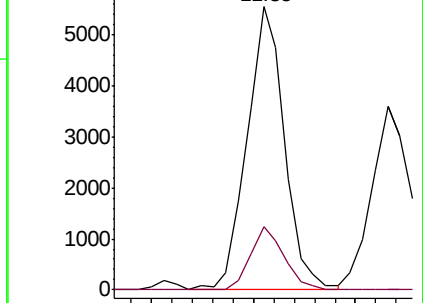
91 100

120 19.8 11.5 34.4

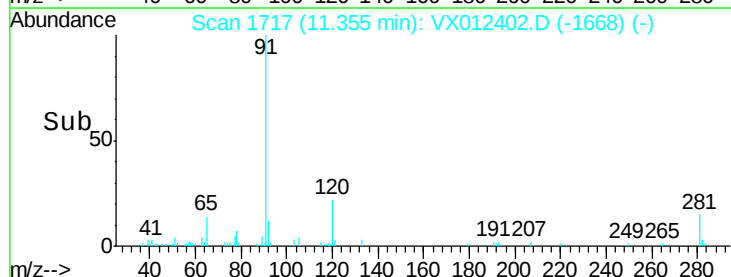


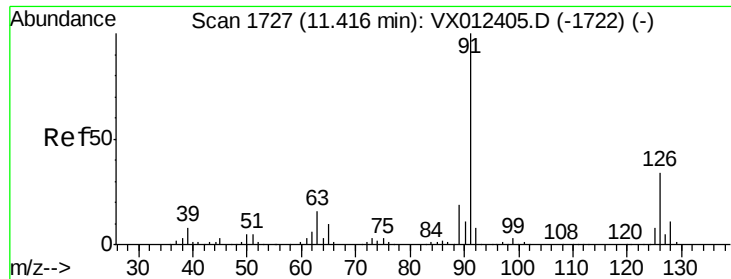
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



Time-->

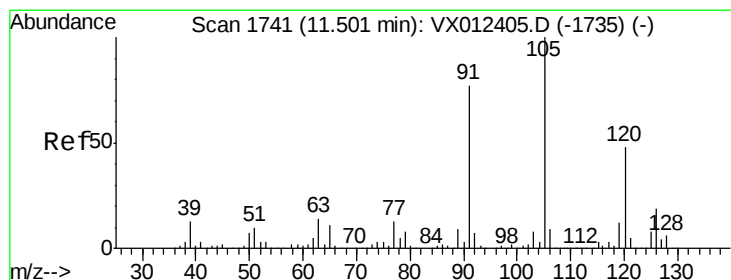
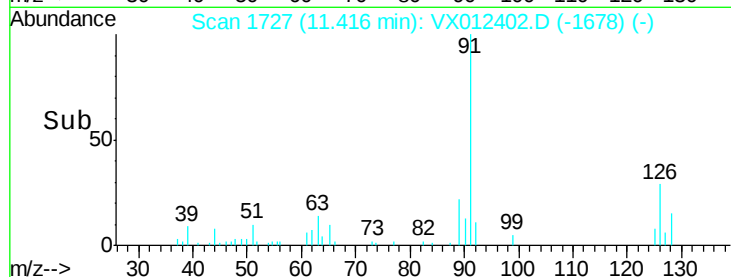
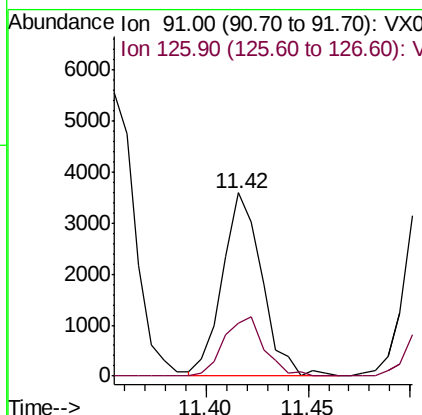
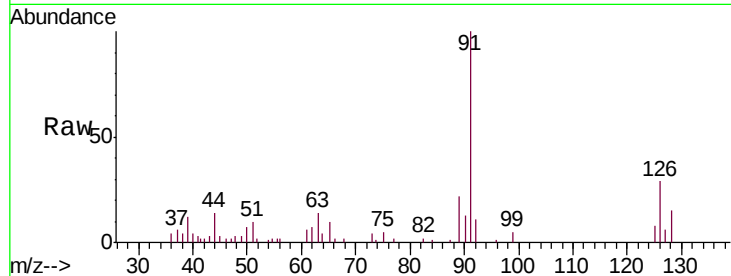




#79
 2-Chlorotoluene
 Concen: 1.067 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012402.D
 Acq: 16 Sep 2019 12:24

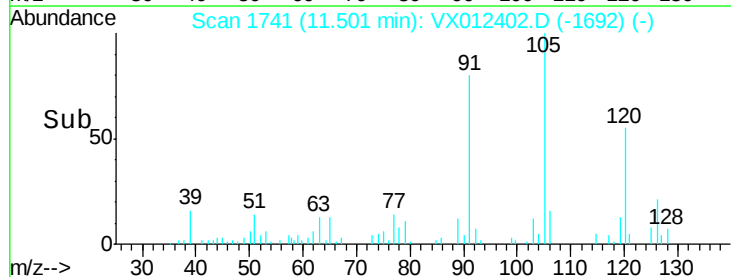
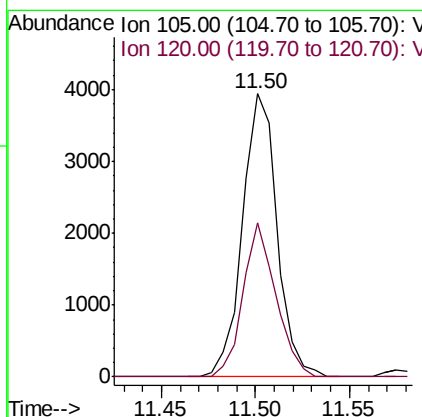
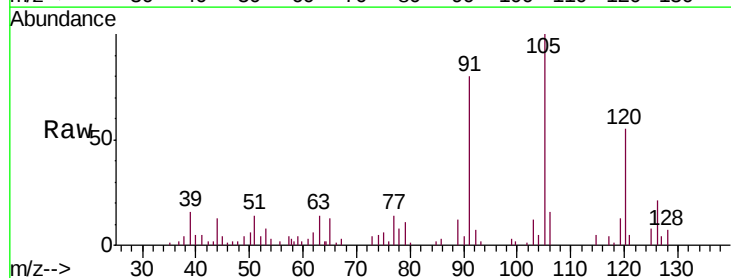
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

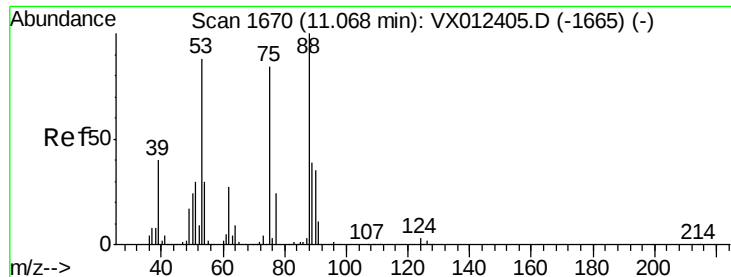
Tgt Ion: 91 Resp: 4789
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.4 49.2



#80
 1,3,5-Trimethylbenzene
 Concen: 0.896 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012402.D
 Acq: 16 Sep 2019 12:24

Tgt Ion: 105 Resp: 5000
 Ion Ratio Lower Upper
 105 100
 120 51.8 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 1.033 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012402.D

Acq: 16 Sep 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

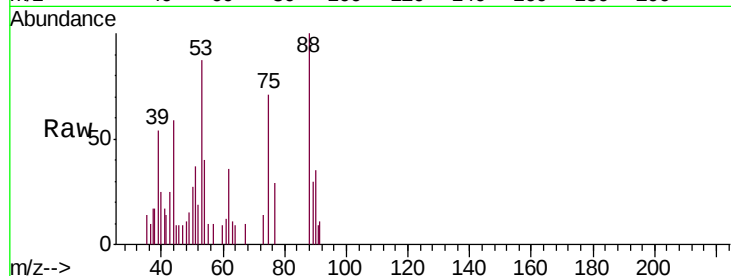
Tgt Ion: 75 Resp: 710

Ion Ratio Lower Upper

75 100

53 141.0 84.6 127.0#

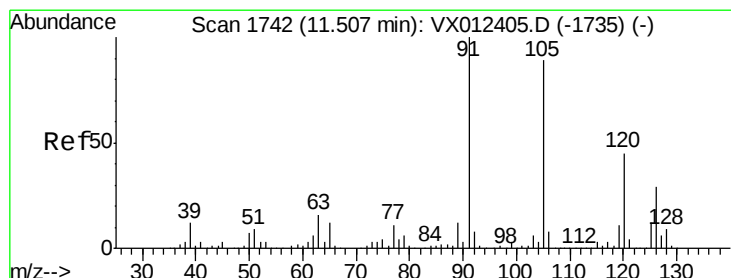
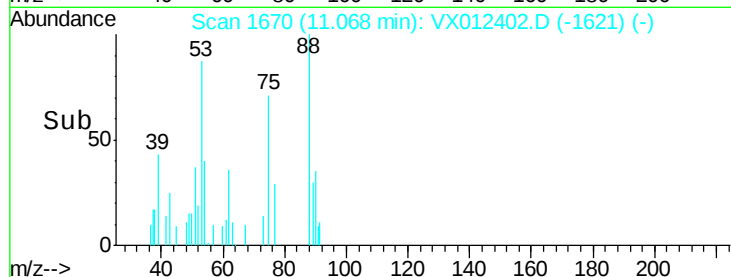
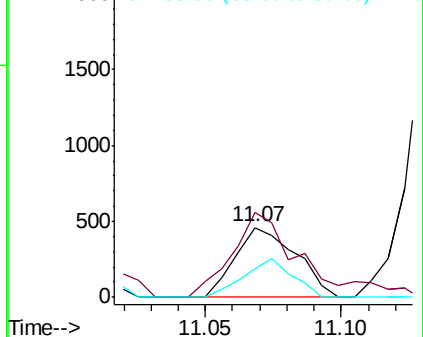
89 44.4 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 1.018 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012402.D

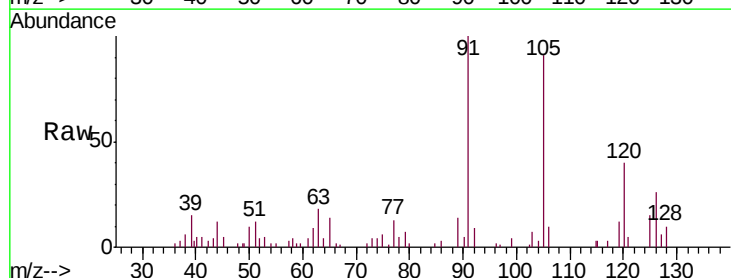
Acq: 16 Sep 2019 12:24

Tgt Ion: 91 Resp: 5290

Ion Ratio Lower Upper

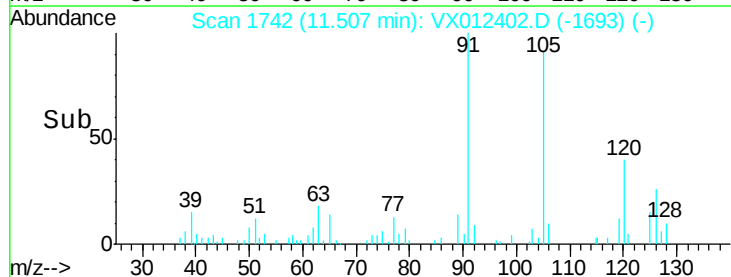
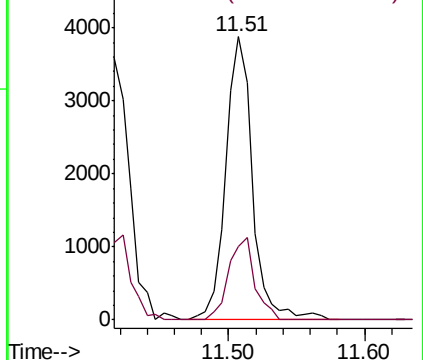
91 100

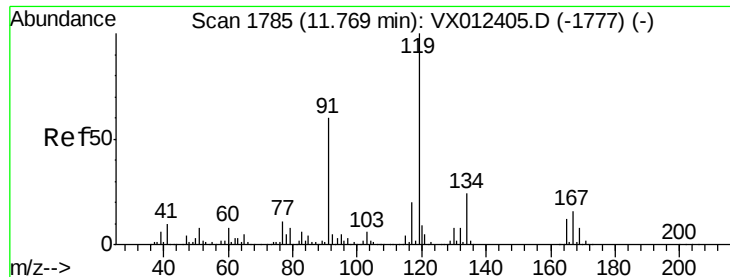
126 28.5 14.1 42.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

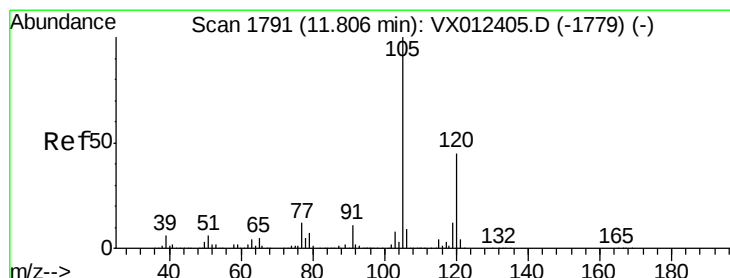
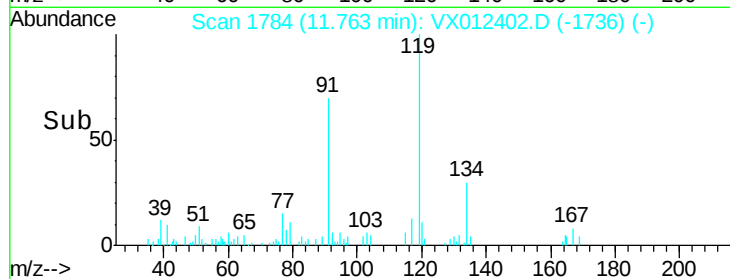
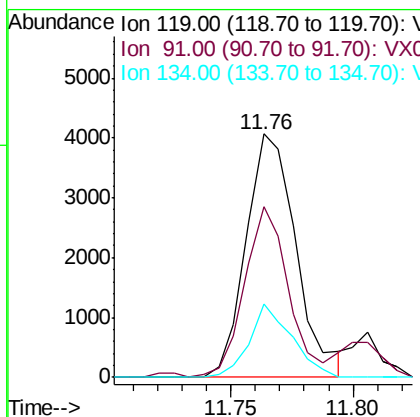
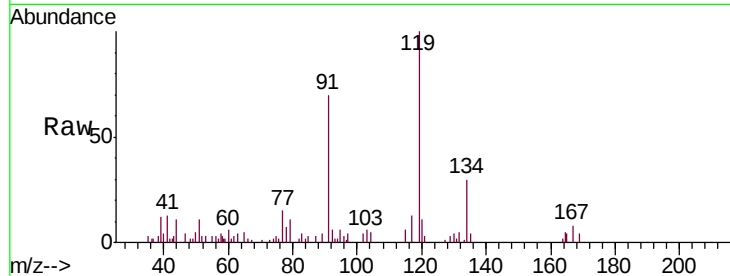




#83
 tert-Butylbenzene
 Concen: 1.042 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012402.D
 Acq: 16 Sep 2019 12:24

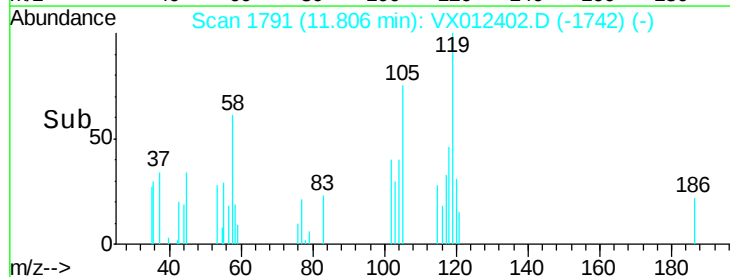
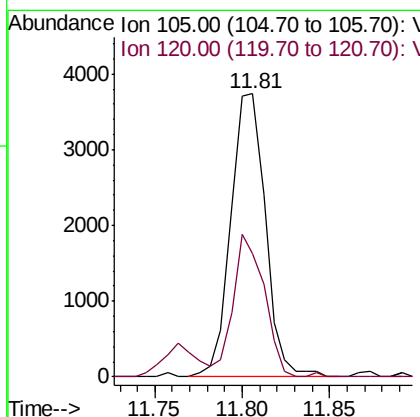
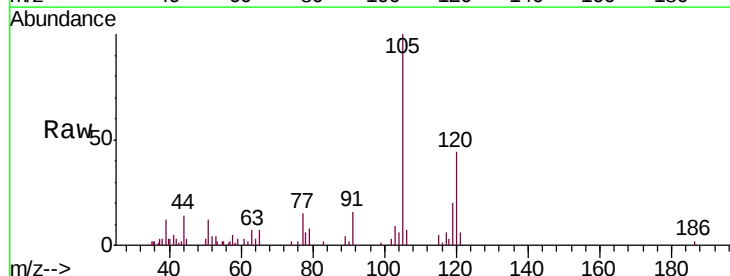
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC001

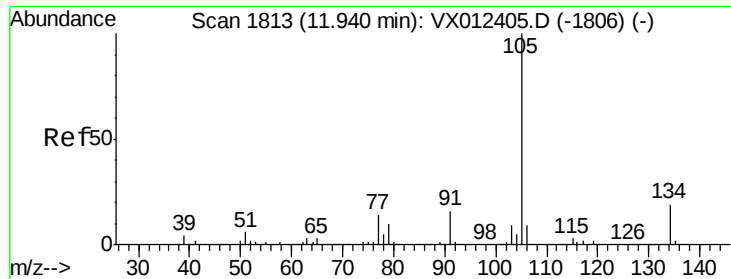
Tgt Ion:119 Resp: 5804
 Ion Ratio Lower Upper
 119 100
 91 61.3 29.6 88.8
 134 25.6 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 0.913 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012402.D
 Acq: 16 Sep 2019 12:24

Tgt Ion:105 Resp: 5157
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.1 66.5

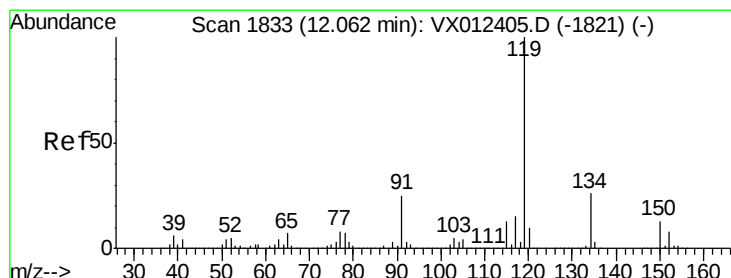
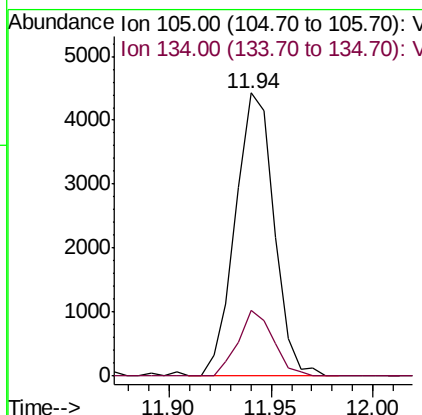
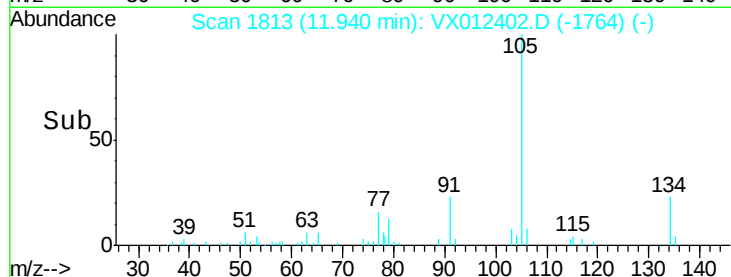
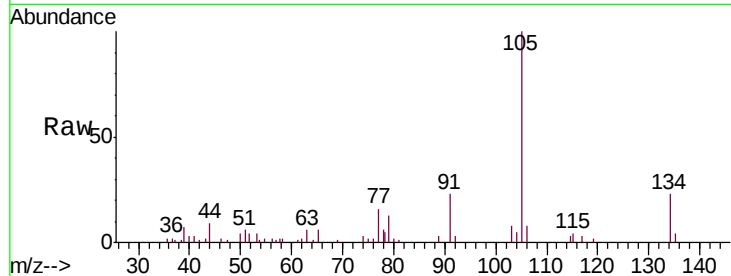




#85
 sec-Butylbenzene
 Concen: 0.917 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012402.D
 Acq: 16 Sep 2019 12:24

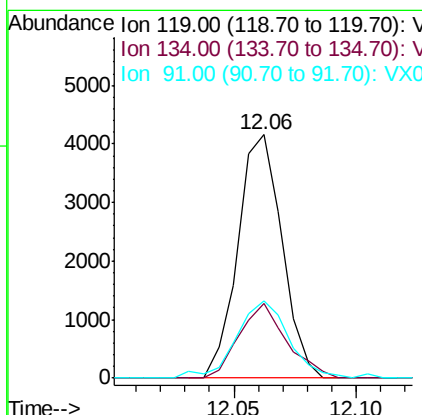
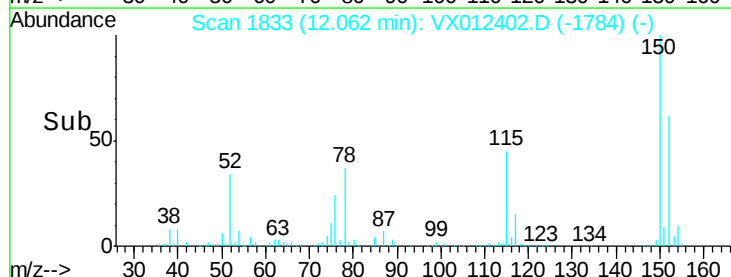
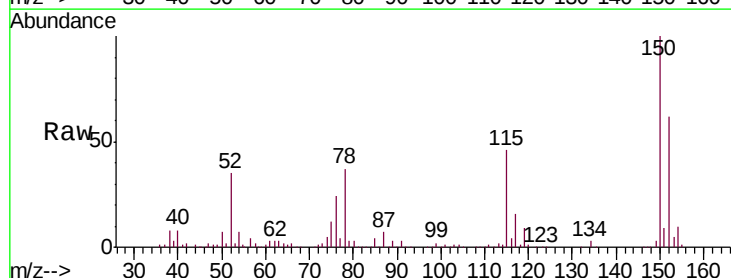
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

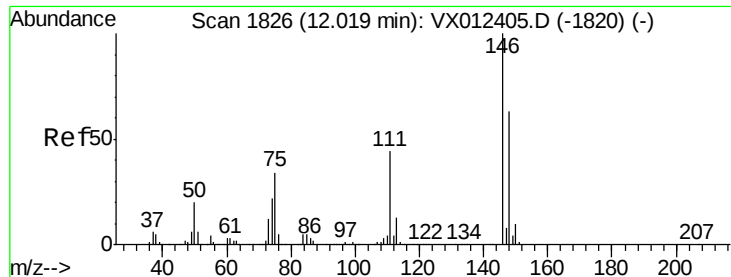
Tgt Ion:105 Resp: 5849
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 0.859 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012402.D
 Acq: 16 Sep 2019 12:24

Tgt Ion:119 Resp: 5206
 Ion Ratio Lower Upper
 119 100
 134 32.9 12.9 38.6
 91 37.6 12.9 38.6





#87

1,3-Dichlorobenzene

Concen: 0.967 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX012402.D

Acq: 16 Sep 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

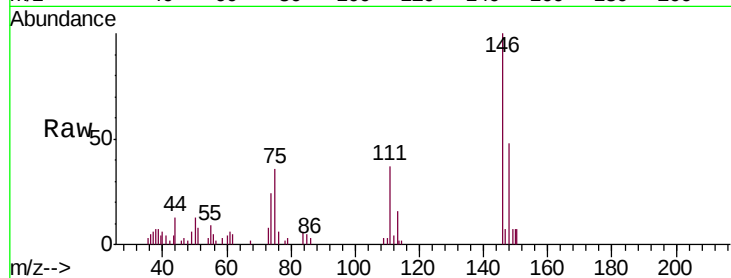
Tgt Ion:146 Resp: 3214

Ion Ratio Lower Upper

146 100

111 39.0 21.3 64.0

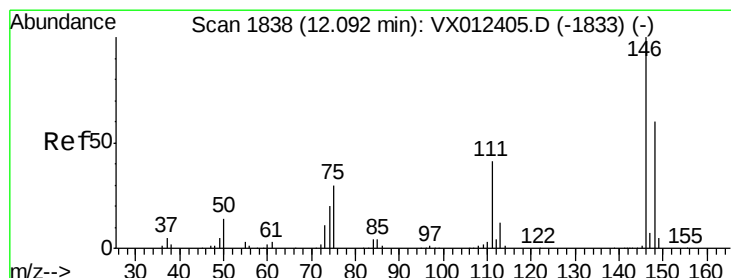
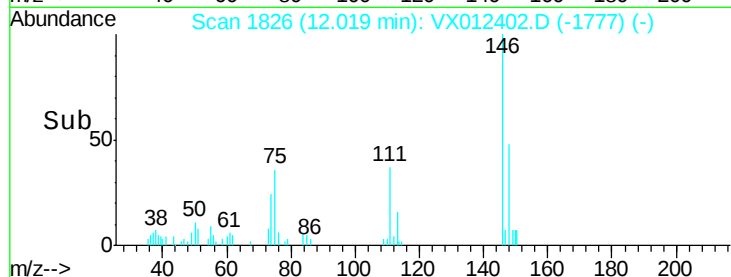
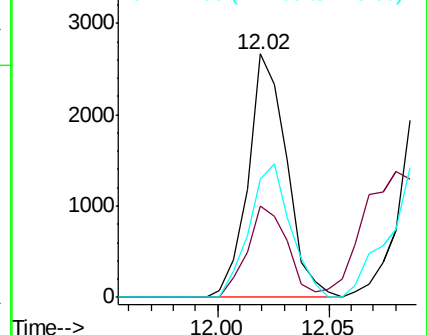
148 58.8 31.6 94.8



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: 0.951 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.07 min

Lab File: VX012402.D

Acq: 16 Sep 2019 12:24

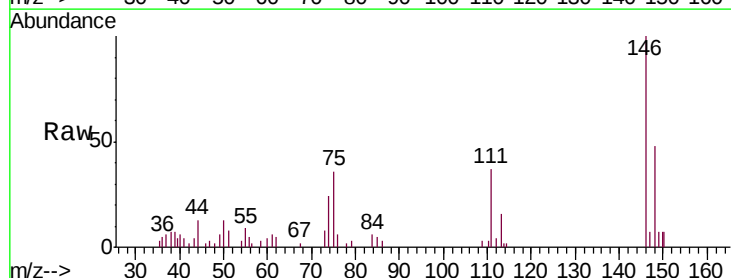
Tgt Ion:146 Resp: 3214

Ion Ratio Lower Upper

146 100

111 39.0 20.6 61.9

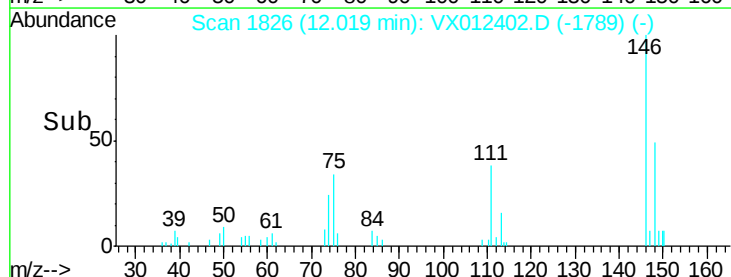
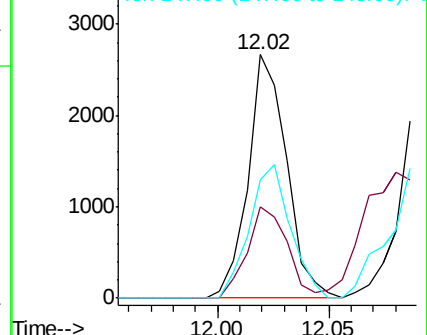
148 58.8 31.6 94.8

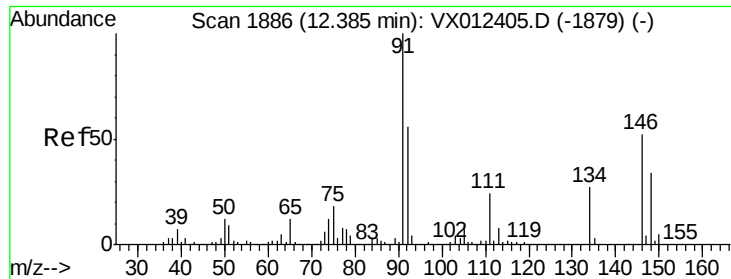


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

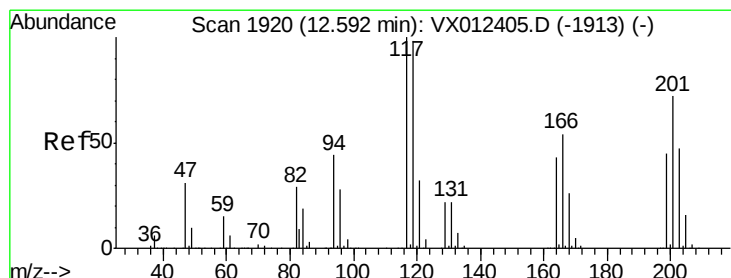
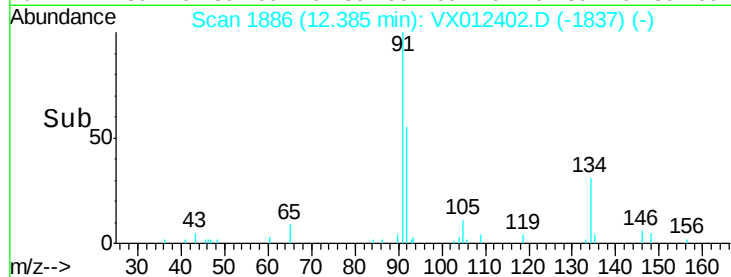
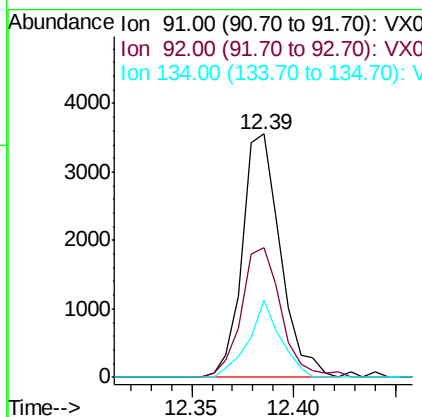
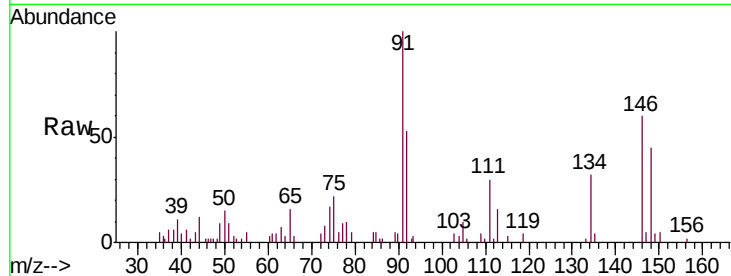




#89
n-Butylbenzene
Concen: 0.907 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012402.D
Acq: 16 Sep 2019 12:24

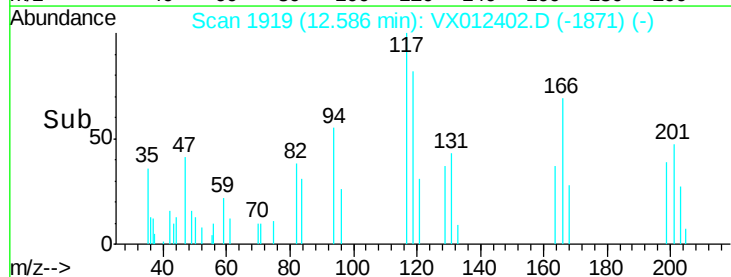
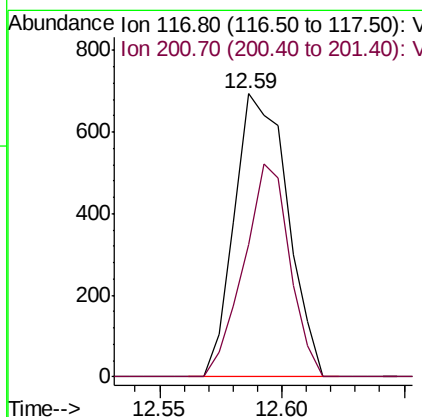
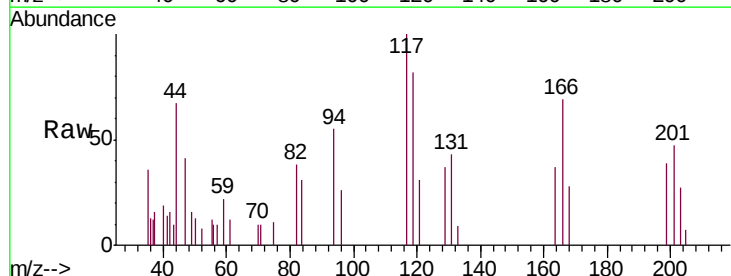
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

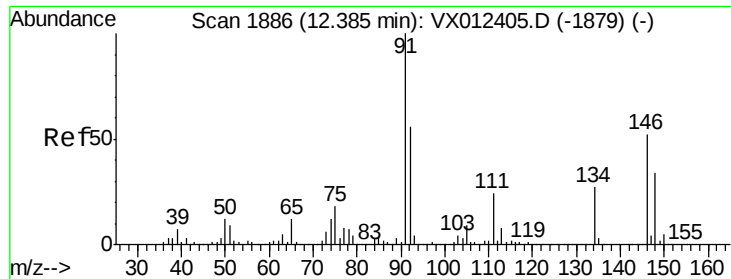
Tgt Ion: 91 Resp: 4619
Ion Ratio Lower Upper
91 100
92 55.7 27.5 82.4
134 26.6 13.2 39.6



#90
Hexachloroethane
Concen: 1.066 ug/l
RT: 12.59 min Scan# 1919
Delta R.T. -0.01 min
Lab File: VX012402.D
Acq: 16 Sep 2019 12:24

Tgt Ion: 117 Resp: 1049
Ion Ratio Lower Upper
117 100
201 65.2 35.2 105.6

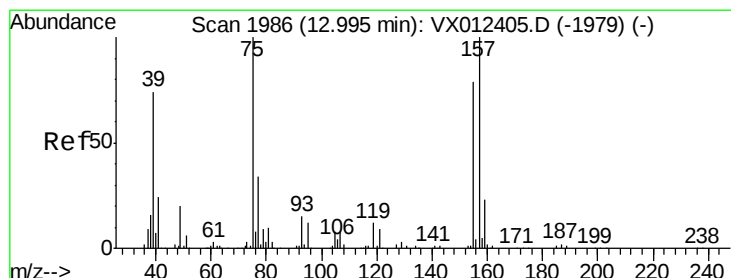
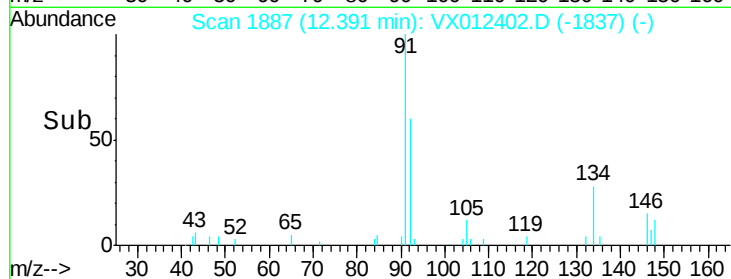
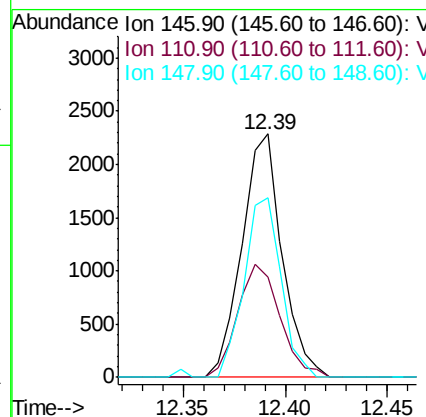
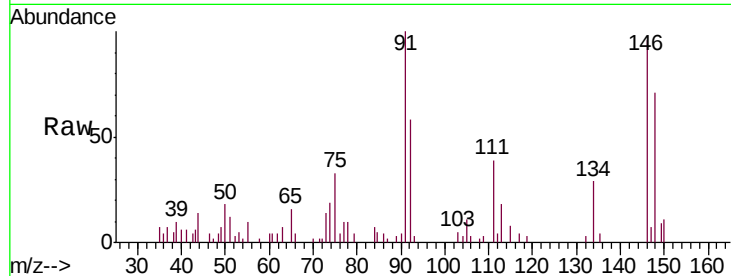




#91
 1,2-Dichlorobenzene
 Concen: 0.927 ug/l
 RT: 12.39 min Scan# 1887
 Delta R.T. 0.01 min
 Lab File: VX012402.D
 Acq: 16 Sep 2019 12:24

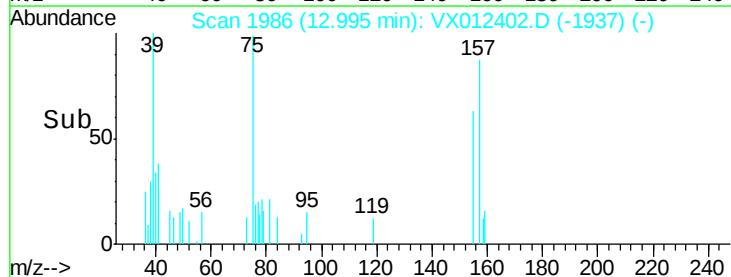
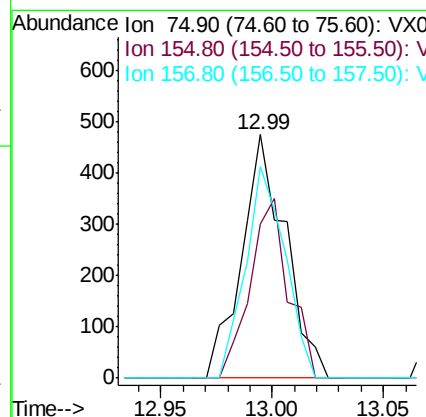
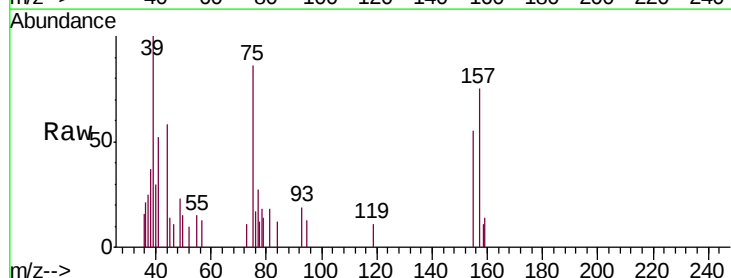
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

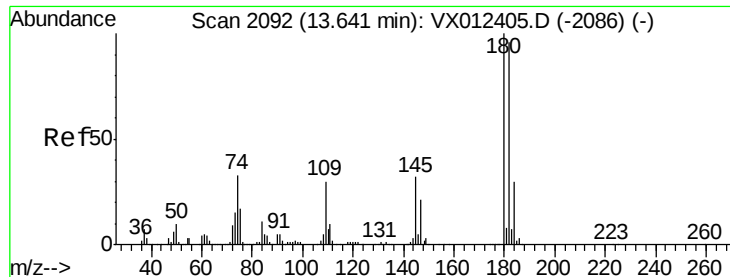
Tgt Ion:	146	Resp:	3134
Ion	Ratio	Lower	Upper
146	100		
111	48.6	22.3	66.9
148	67.7	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.179 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012402.D
 Acq: 16 Sep 2019 12:24

Tgt Ion:	75	Resp:	649
Ion	Ratio	Lower	Upper
75	100		
155	65.0	39.8	119.4
157	78.6	50.0	150.1

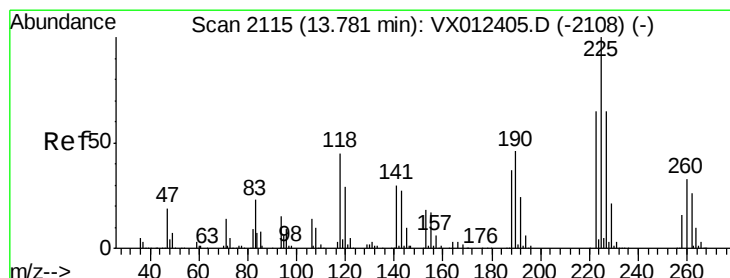
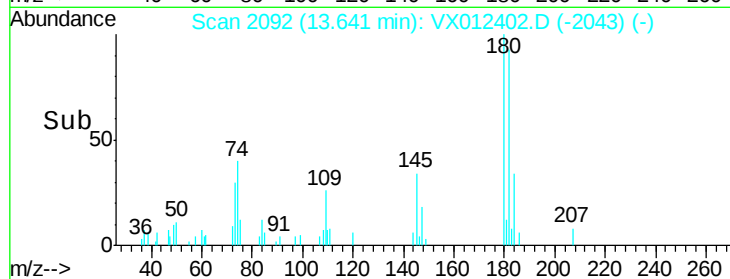
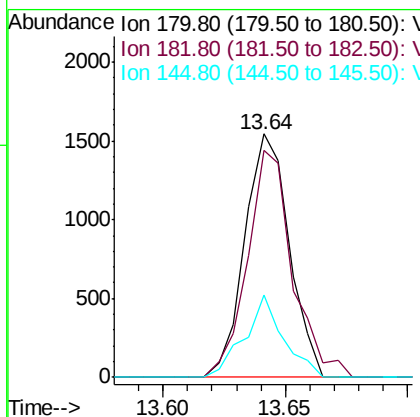
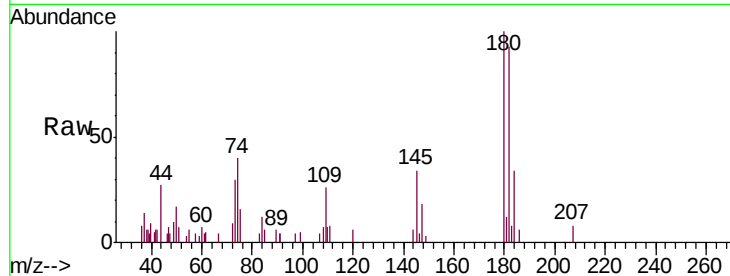




#93
 1,2,4-Trichlorobenzene
 Concen: 0.803 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012402.D
 Acq: 16 Sep 2019 12:24

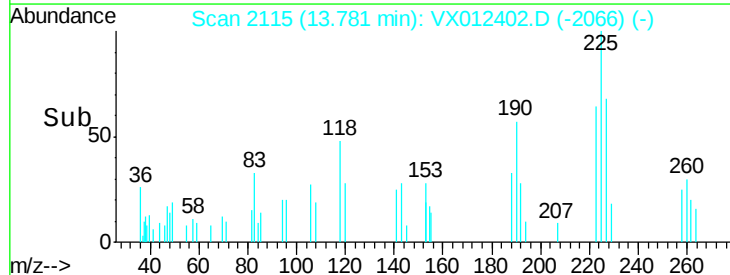
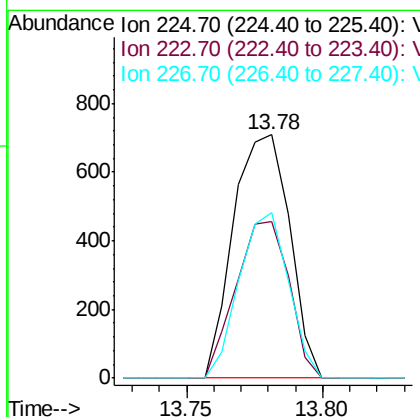
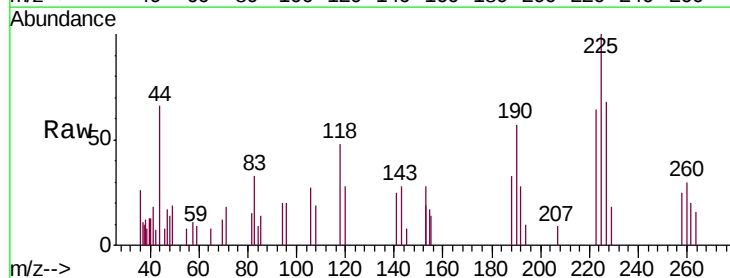
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

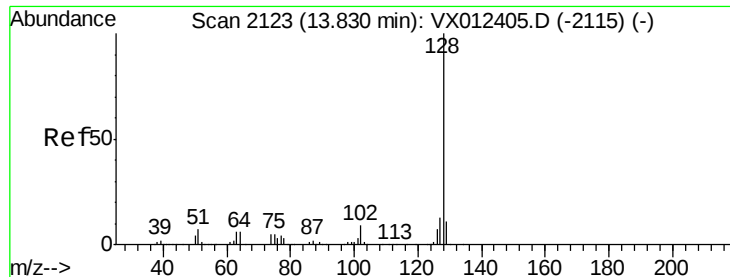
Tgt Ion:180 Resp: 1957
 Ion Ratio Lower Upper
 180 100
 182 94.9 48.1 144.4
 145 29.7 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 0.769 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX012402.D
 Acq: 16 Sep 2019 12:24

Tgt Ion:225 Resp: 1016
 Ion Ratio Lower Upper
 225 100
 223 60.8 32.0 96.0
 227 59.5 32.8 98.3

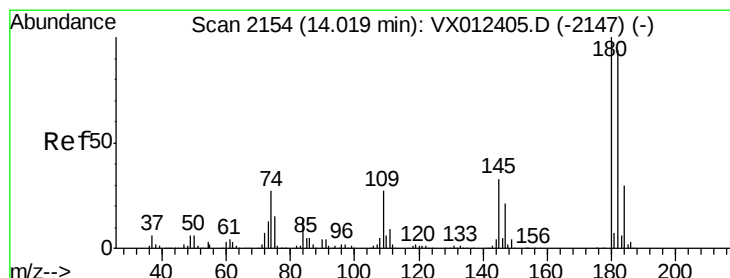
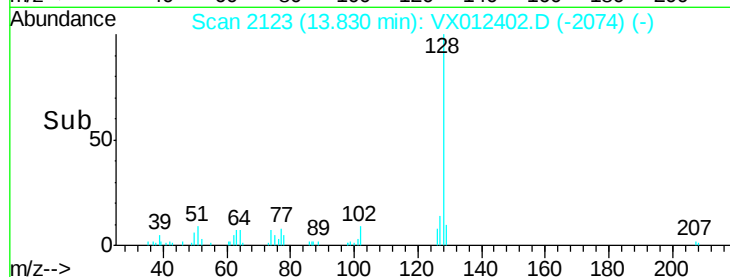
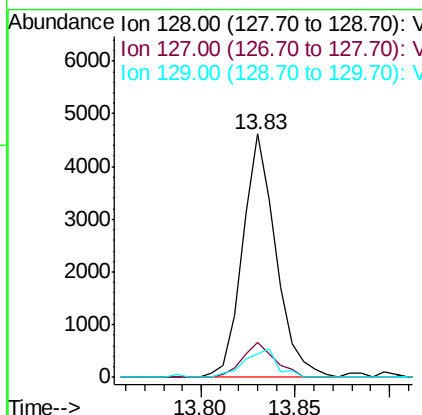
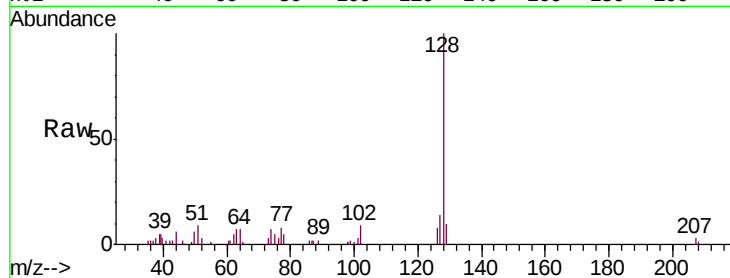




#95
Naphthalene
Concen: 0.799 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012402.D
Acq: 16 Sep 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 5660
Ion Ratio Lower Upper
128 100
127 14.1 10.2 15.4
129 11.5 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.727 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VX012402.D
Acq: 16 Sep 2019 12:24

Tgt Ion:180 Resp: 1787
Ion Ratio Lower Upper
180 100
182 97.3 46.9 140.8
145 35.9 17.6 52.9

