

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092419\
 Data File : VX012628.D
 Acq On : 24 Sep 2019 13:23
 Operator : JC/SP
 Sample : VX0924WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBSD01

Quant Time: Sep 25 04:35:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	176696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	317055	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	281791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	124371	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	135749	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
35) Dibromofluoromethane	5.49	113	99306	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
50) Toluene-d8	8.71	98	380780	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
62) 4-Bromofluorobenzene	11.14	95	144039	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	37200	18.714	ug/l 95
3) Chloromethane	1.32	50	44256	19.389	ug/l 100
4) Vinyl Chloride	1.40	62	43635	19.233	ug/l 96
5) Bromomethane	1.63	94	21778	24.414	ug/l 99
6) Chloroethane	1.72	64	29301	19.158	ug/l 97
7) Trichlorofluoromethane	1.92	101	61269	19.234	ug/l 98
8) Diethyl Ether	2.18	74	25870	19.818	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	37801	19.484	ug/l 97
10) Methyl Iodide	2.50	142	34569	20.191	ug/l 96
11) Tert butyl alcohol	3.03	59	64746	100.731	ug/l 98
12) 1,1-Dichloroethene	2.36	96	37592	19.787	ug/l 96
13) Acrolein	2.28	56	28779	87.318	ug/l 97
14) Allyl chloride	2.72	41	71928	19.083	ug/l 98
15) Acrylonitrile	3.13	53	128957	98.891	ug/l 99
16) Acetone	2.44	43	124451	91.314	ug/l 99
17) Carbon Disulfide	2.56	76	92832	17.430	ug/l 99
18) Methyl Acetate	2.76	43	62051	19.336	ug/l 98
19) Methyl tert-butyl Ether	3.19	73	139878	19.452	ug/l 97
20) Methylene Chloride	2.84	84	43745	18.977	ug/l 95
21) trans-1,2-Dichloroethene	3.15	96	40794	19.382	ug/l 96
22) Diisopropyl ether	3.84	45	145916	20.035	ug/l 95
23) Vinyl Acetate	3.80	43	625910	97.998	ug/l 99
24) 1,1-Dichloroethane	3.69	63	77801	19.652	ug/l 98
25) 2-Butanone	4.66	43	185229	94.786	ug/l 96
26) 2,2-Dichloropropane	4.57	77	64767	18.394	ug/l 97
27) cis-1,2-Dichloroethene	4.59	96	47120	19.295	ug/l 96
28) Bromochloromethane	5.01	49	28883	20.093	ug/l 98
29) Tetrahydrofuran	5.12	42	118347	99.361	ug/l 97
30) Chloroform	5.20	83	80078	19.771	ug/l 89
31) Cyclohexane	5.57	56	69400	19.377	ug/l 98
32) 1,1,1-Trichloroethane	5.48	97	69828	19.452	ug/l 100
36) 1,1-Dichloropropene	5.79	75	57258	18.736	ug/l 97
37) Ethyl Acetate	4.82	43	68448	19.158	ug/l 97
38) Carbon Tetrachloride	5.78	117	59144	19.051	ug/l 99

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBSD01

Quant Time: Sep 25 04:35:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	68589	18.643	ug/l	98
40) Benzene	6.14	78	173445	19.289	ug/l	98
41) Methacrylonitrile	5.03	41	38472	19.192	ug/l	96
42) 1,2-Dichloroethane	6.18	62	67798	19.856	ug/l	99
43) Isopropyl Acetate	6.43	43	112012	18.747	ug/l	99
44) Trichloroethene	7.21	130	43924	19.108	ug/l	96
45) 1,2-Dichloropropane	7.51	63	44825	19.471	ug/l	96
46) Dibromomethane	7.65	93	30193	19.263	ug/l	94
47) Bromodichloromethane	7.89	83	59197	18.897	ug/l	98
48) Methyl methacrylate	7.76	41	54827	19.137	ug/l	96
49) 1,4-Dioxane	7.73	88	23748	365.453	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	354750	96.184	ug/l	97
52) Toluene	8.78	92	108575	19.212	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	64127	18.502	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	70193	18.548	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	43992	19.579	ug/l	96
56) Ethyl methacrylate	9.17	69	71752	19.009	ug/l	95
57) 1,3-Dichloropropane	9.37	76	76313	19.406	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	164944	97.348	ug/l	99
59) 2-Hexanone	9.49	43	271691	96.238	ug/l	96
60) Dibromochloromethane	9.58	129	42589	18.725	ug/l	99
61) 1,2-Dibromoethane	9.67	107	46208	19.761	ug/l	100
64) Tetrachloroethene	9.33	164	40533	20.631	ug/l	91
65) Chlorobenzene	10.14	112	111972	18.870	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	40725	18.942	ug/l	98
67) Ethyl Benzene	10.25	91	203809	18.937	ug/l	99
68) m/p-Xylenes	10.35	106	153514	38.077	ug/l	98
69) o-Xylene	10.70	106	74524	19.103	ug/l	98
70) Styrene	10.71	104	125743	19.227	ug/l	99
71) Bromoform	10.85	173	27153	18.138	ug/l #	97
73) Isopropylbenzene	11.01	105	200393	19.783	ug/l	100
74) N-amyl acetate	10.89	43	91505	18.935	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	65726	19.592	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	77242	23.478	ug/l	87
77) Bromobenzene	11.25	156	46346	20.215	ug/l	98
78) n-propylbenzene	11.35	91	221860	19.454	ug/l	100
79) 2-Chlorotoluene	11.42	91	137393	19.313	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	164957	19.419	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	19499	16.985	ug/l	97
82) 4-Chlorotoluene	11.51	91	157053	19.366	ug/l	98
83) tert-Butylbenzene	11.77	119	159308	19.442	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	167850	19.588	ug/l	100
85) sec-Butylbenzene	11.94	105	186322	19.550	ug/l	99
86) p-Isopropyltoluene	12.06	119	169779	19.743	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	81508	19.756	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	80145	19.224	ug/l	98
89) n-Butylbenzene	12.38	91	141683	18.697	ug/l	96
90) Hexachloroethane	12.59	117	27000	17.611	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	81159	19.648	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	15105	18.000	ug/l	100

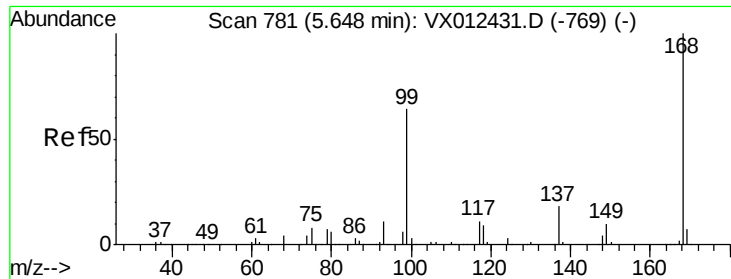
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX092419\
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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	46160	18.325	ug/l	98
94) Hexachlorobutadiene	13.77	225	20574	18.985	ug/l	99
95) Naphthalene	13.83	128	174983	19.200	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	47340	18.761	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

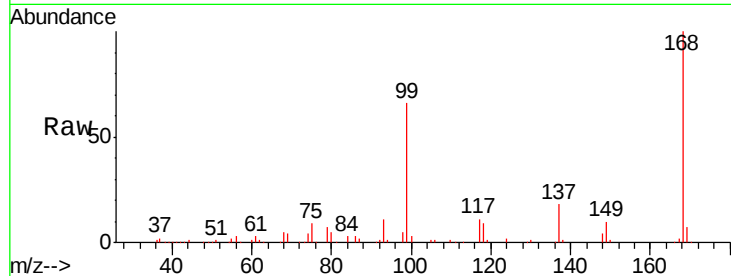
VX0924WBSD01

Tgt Ion:168 Resp: 176696

Ion Ratio Lower Upper

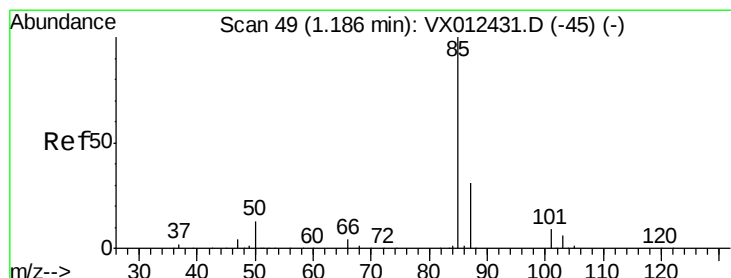
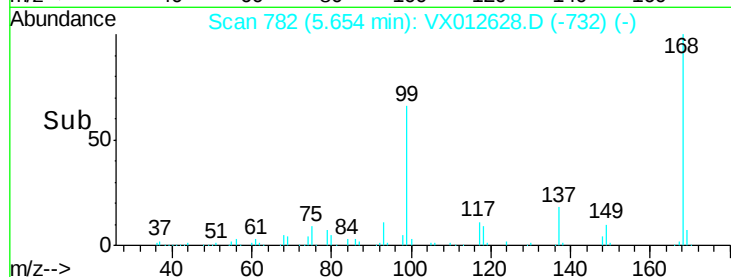
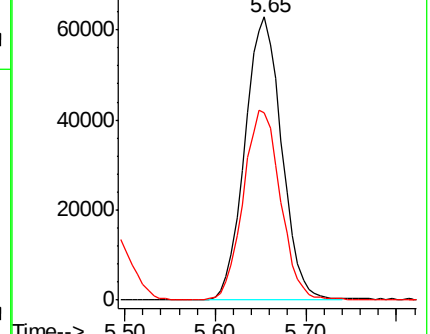
168 100

99 66.3 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.714 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012628.D

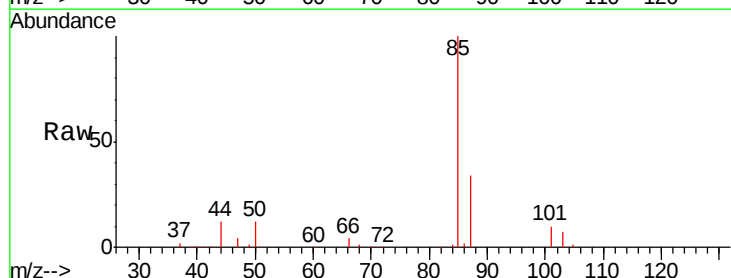
Acq: 24 Sep 2019 13:23

Tgt Ion: 85 Resp: 37200

Ion Ratio Lower Upper

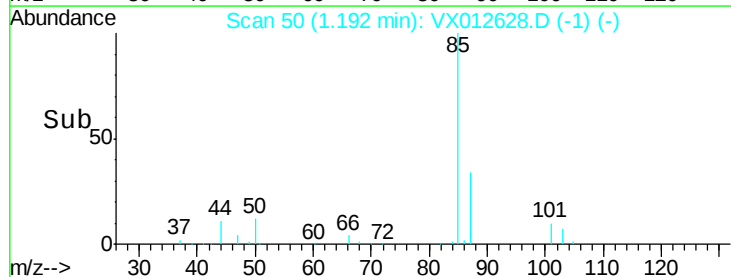
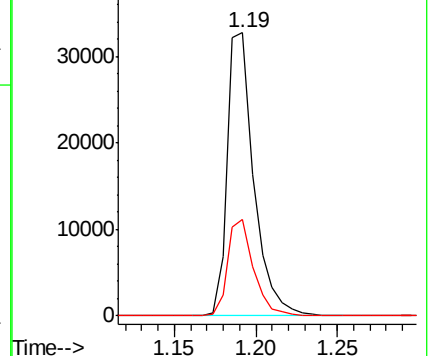
85 100

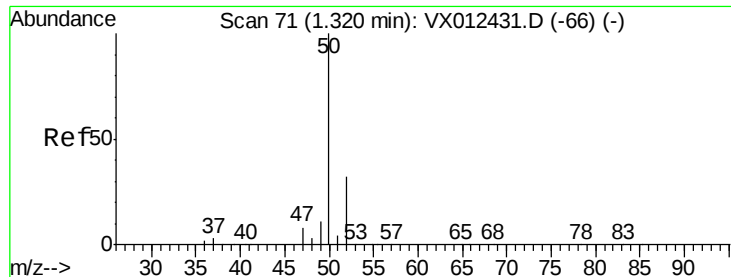
87 34.1 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.389 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

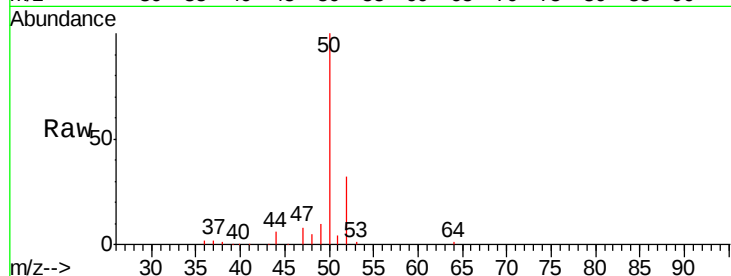
VX0924WBSD01

Tgt Ion: 50 Resp: 44256

Ion Ratio Lower Upper

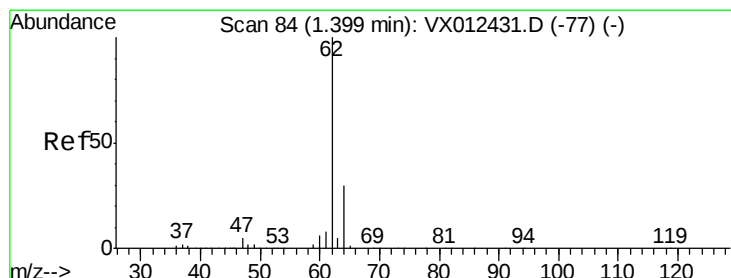
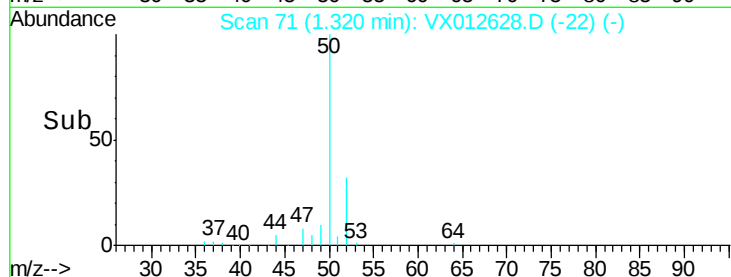
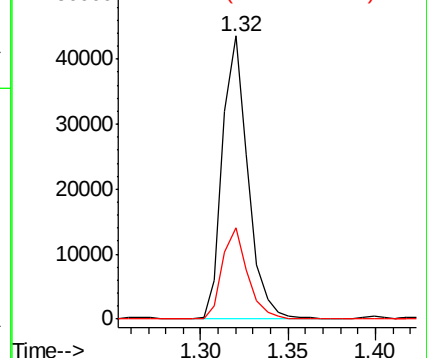
50 100

52 32.1 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.233 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012628.D

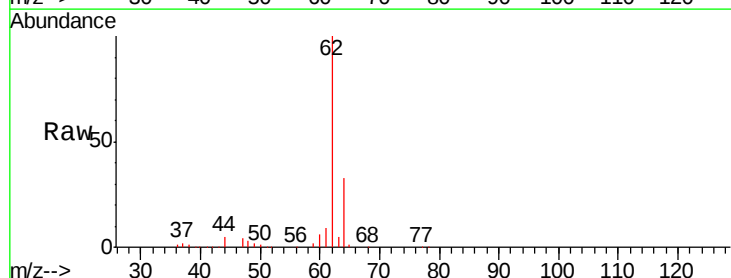
Acq: 24 Sep 2019 13:23

Tgt Ion: 62 Resp: 43635

Ion Ratio Lower Upper

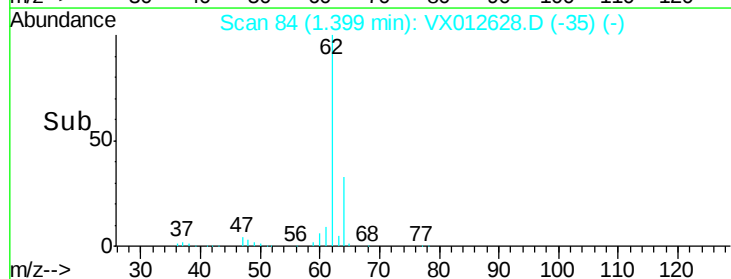
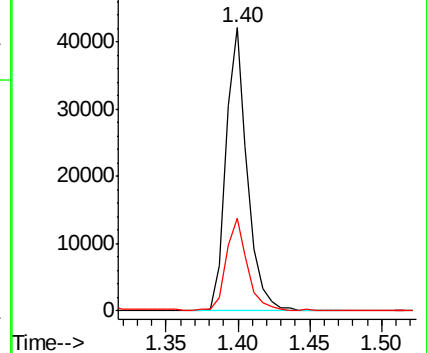
62 100

64 32.4 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 24.414 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

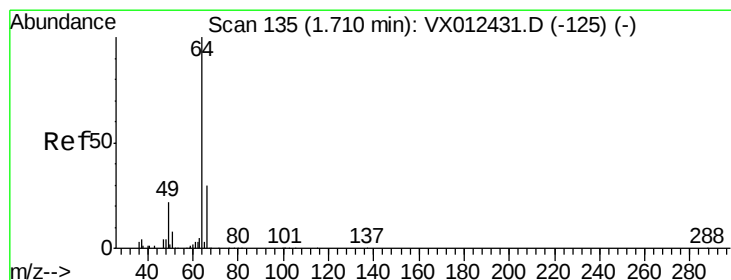
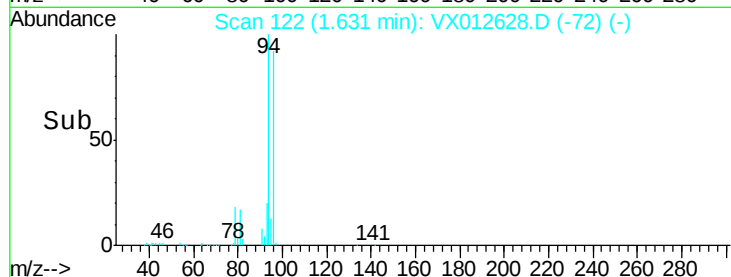
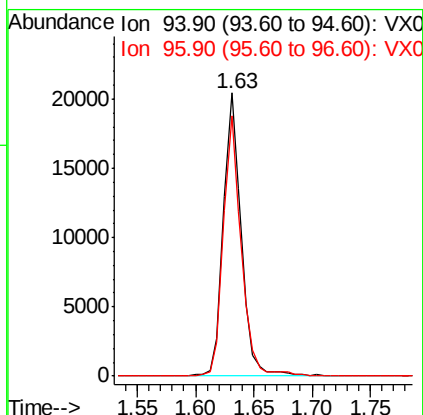
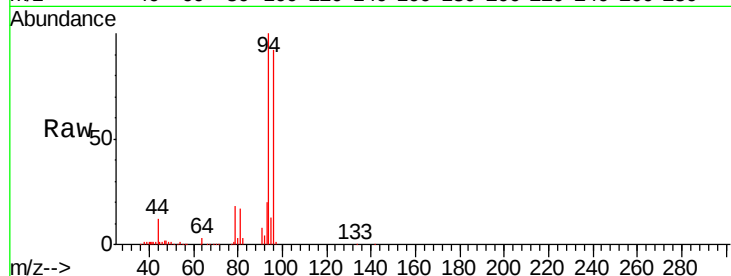
VX0924WBSD01

Tgt Ion: 94 Resp: 21778

Ion Ratio Lower Upper

94 100

96 92.1 72.8 109.2



#6

Chloroethane

Concen: 19.158 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012628.D

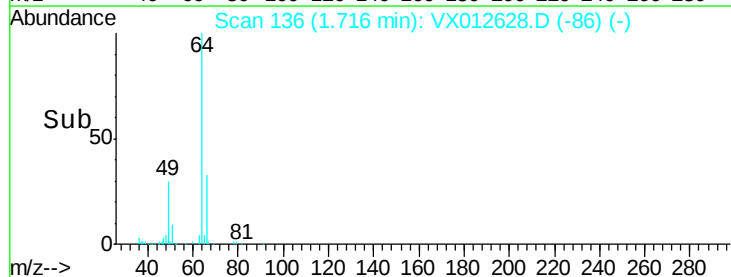
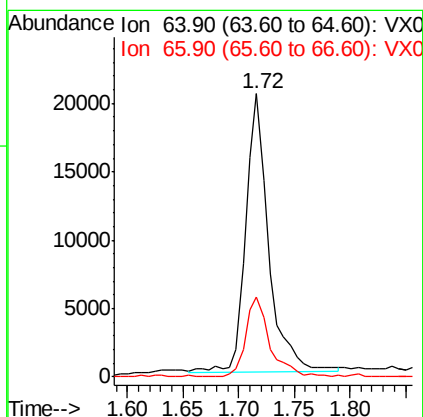
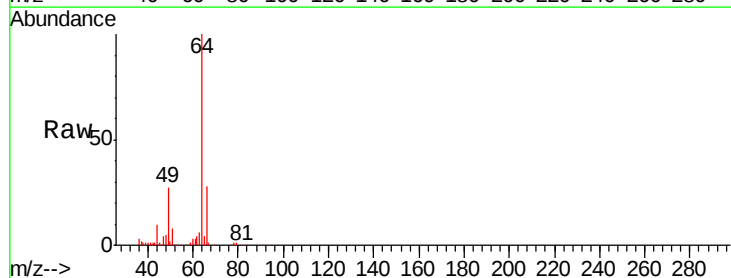
Acq: 24 Sep 2019 13:23

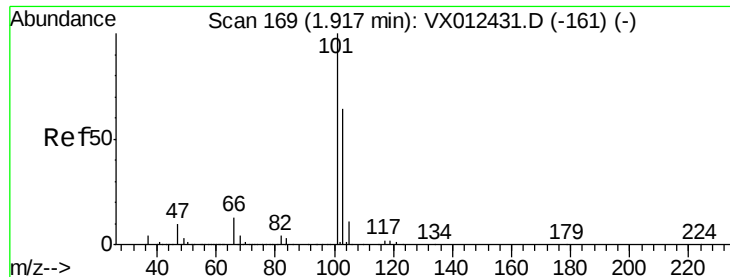
Tgt Ion: 64 Resp: 29301

Ion Ratio Lower Upper

64 100

66 28.5 24.0 36.0



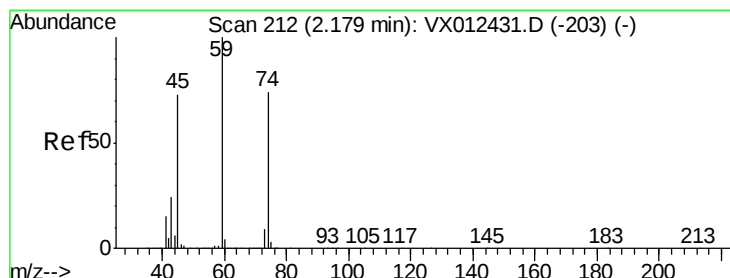
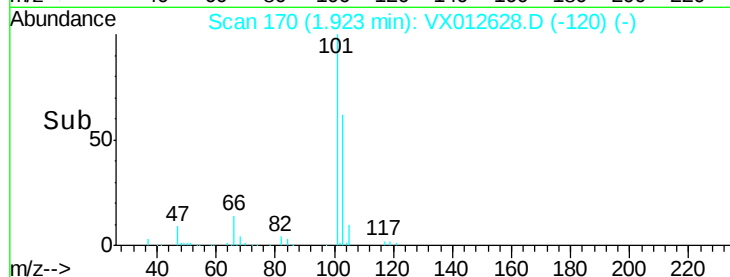
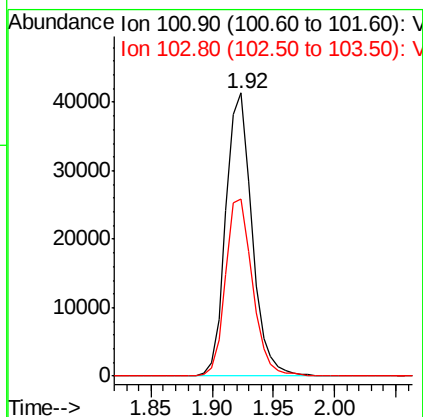
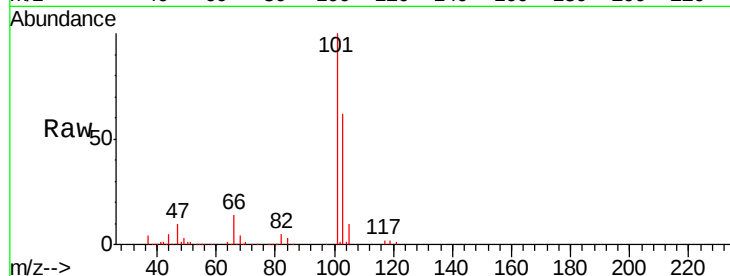


#7

Trichlorofluoromethane
 Concen: 19.234 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBSD01

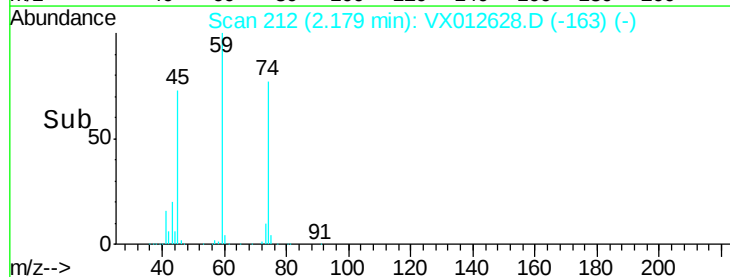
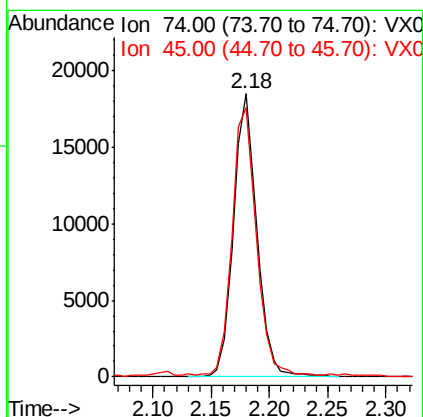
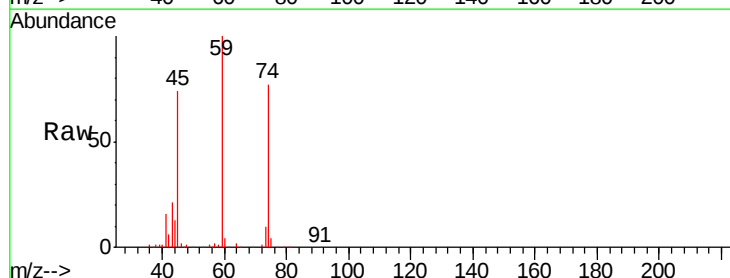
Tgt Ion:101 Resp: 61269
 Ion Ratio Lower Upper
 101 100
 103 62.4 51.0 76.4

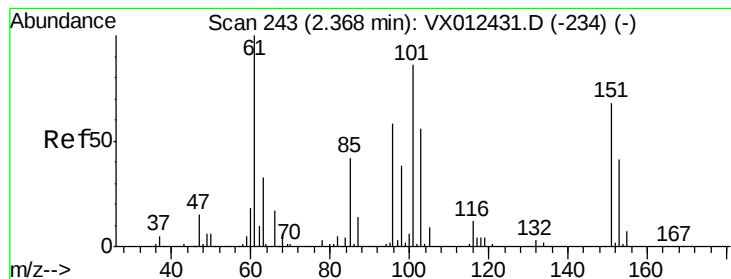


#8

Diethyl Ether
 Concen: 19.818 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

Tgt Ion: 74 Resp: 25870
 Ion Ratio Lower Upper
 74 100
 45 97.8 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.484 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

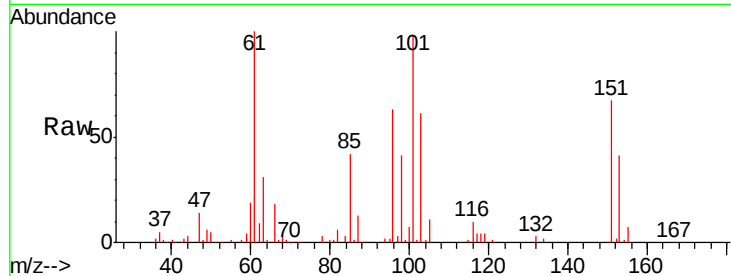
Tgt Ion:101 Resp: 37801

Ion Ratio Lower Upper

101 100

85 46.1 37.3 55.9

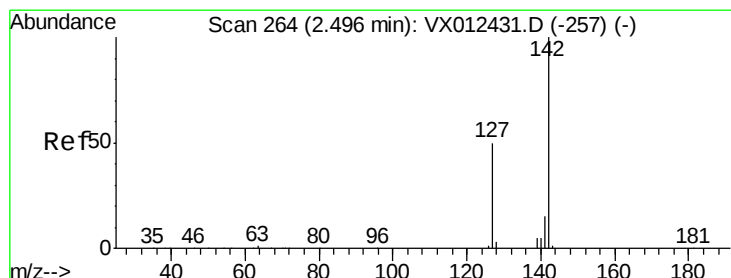
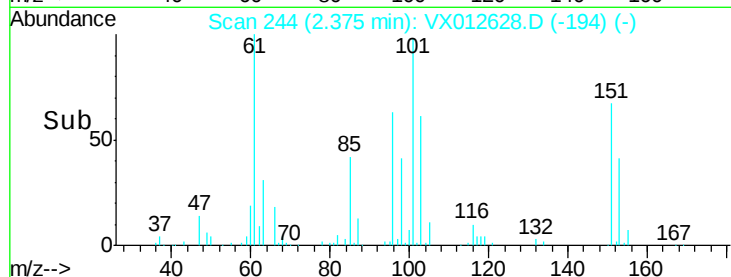
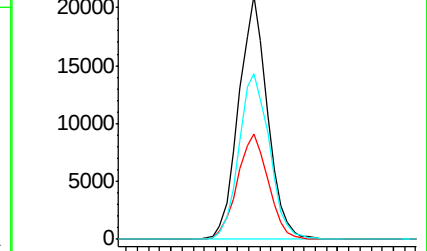
151 72.0 61.0 91.4



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: 20.191 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

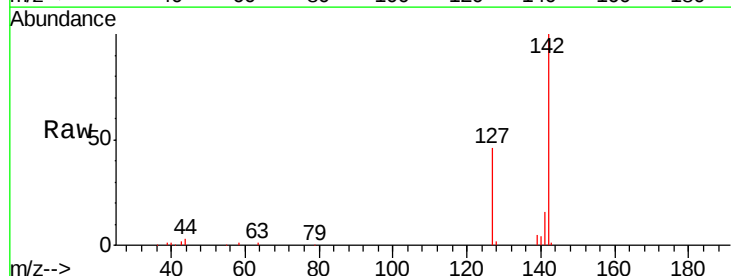
Tgt Ion:142 Resp: 34569

Ion Ratio Lower Upper

142 100

127 47.7 40.8 61.2

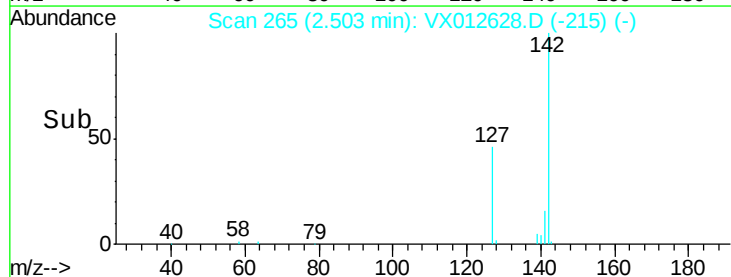
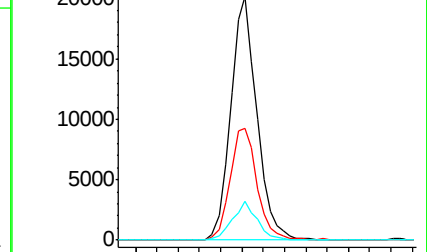
141 15.1 12.1 18.1

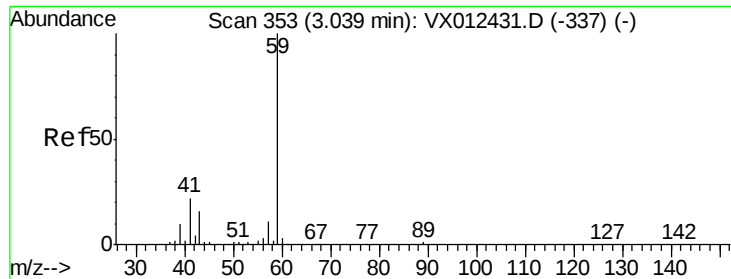


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



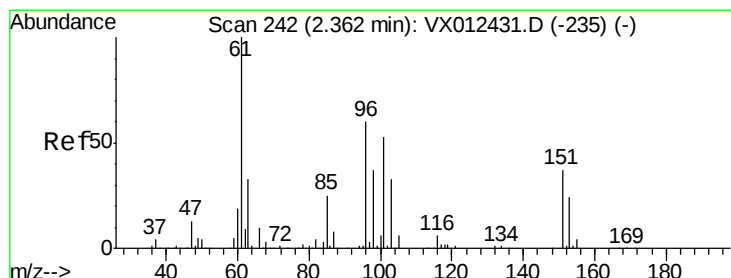
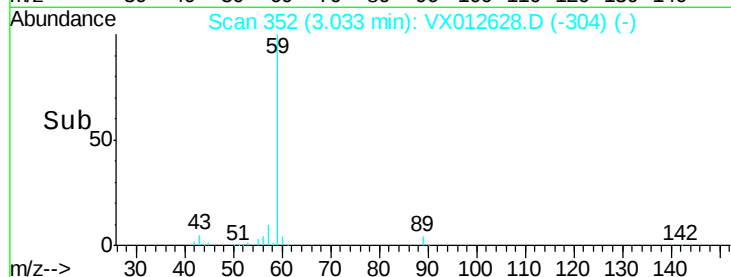
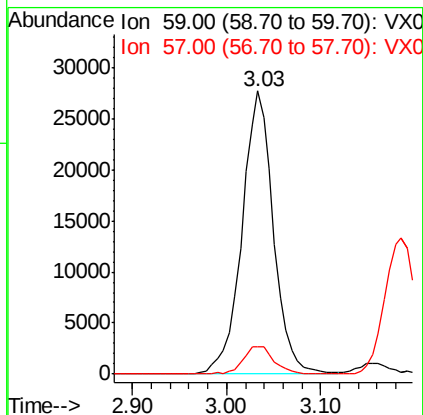
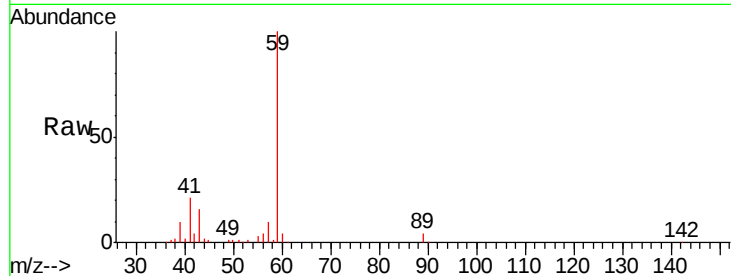


#11

Tert butyl alcohol
 Concen: 100.731 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBSD01

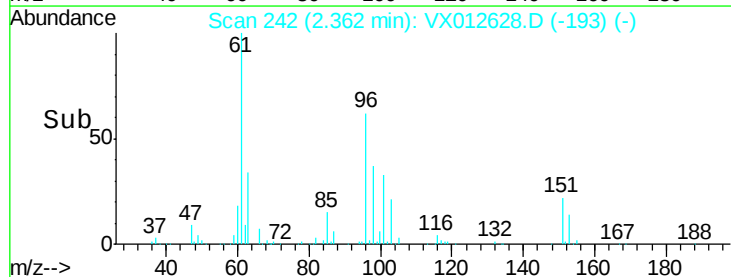
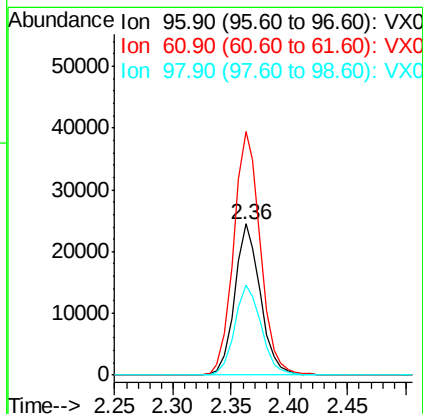
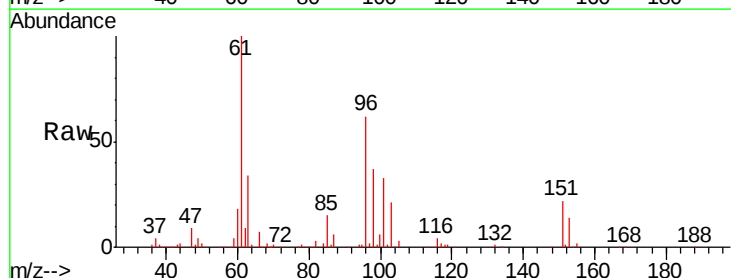
Tgt Ion: 59 Resp: 64746
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.3 12.5

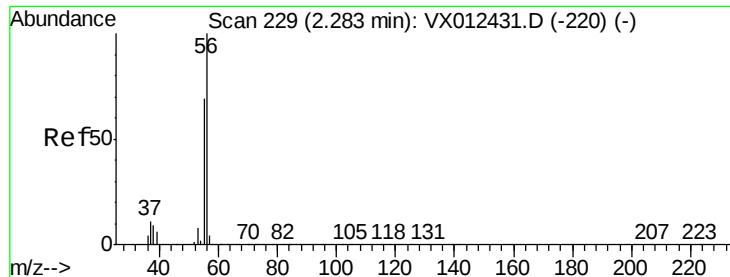


#12

1,1-Dichloroethene
 Concen: 19.787 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

Tgt Ion: 96 Resp: 37592
 Ion Ratio Lower Upper
 96 100
 61 160.9 133.8 200.6
 98 59.9 49.9 74.9





#13

Acrolein

Concen: 87.318 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

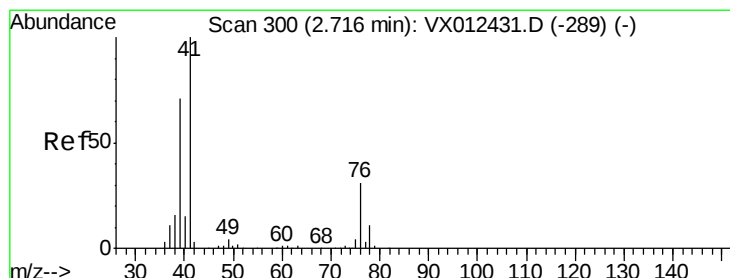
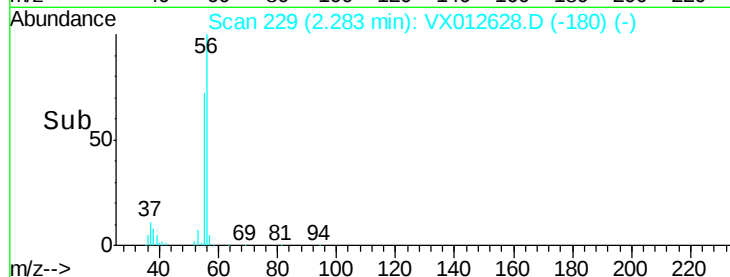
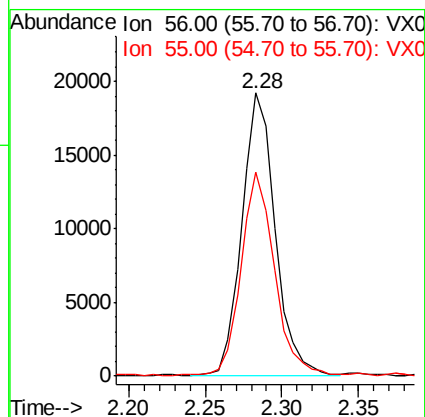
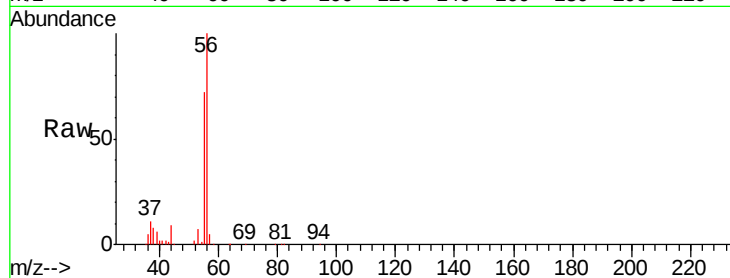
VX0924WBSD01

Tgt Ion: 56 Resp: 28779

Ion Ratio Lower Upper

56 100

55 72.3 55.8 83.8



#14

Allyl chloride

Concen: 19.083 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

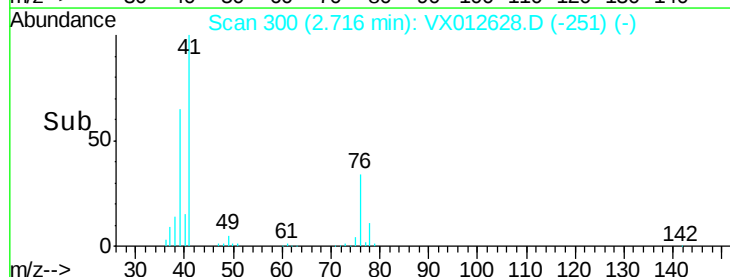
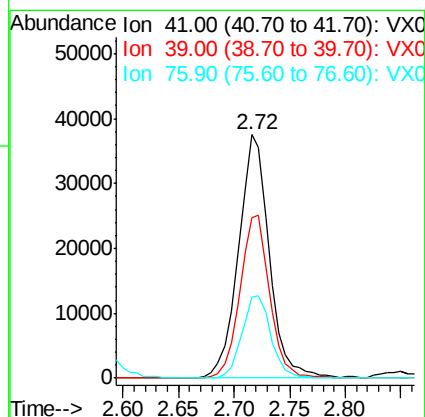
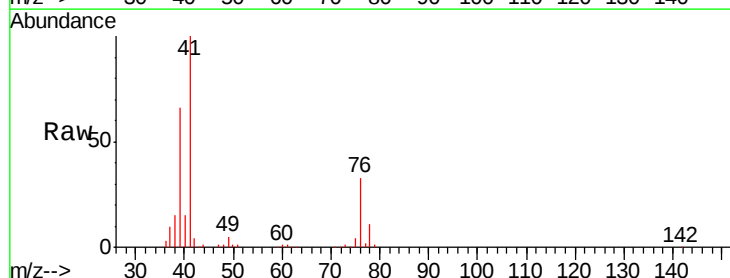
Tgt Ion: 41 Resp: 71928

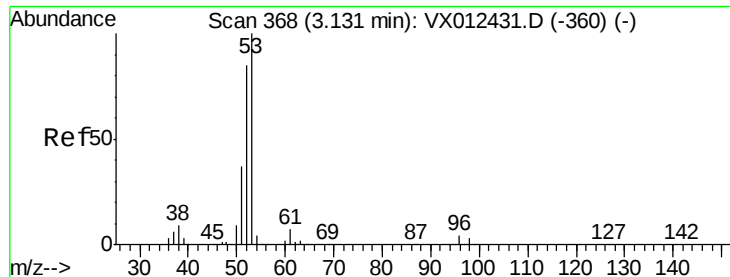
Ion Ratio Lower Upper

41 100

39 64.3 51.3 76.9

76 31.6 22.6 33.8





#15

Acrylonitrile

Concen: 98.891 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

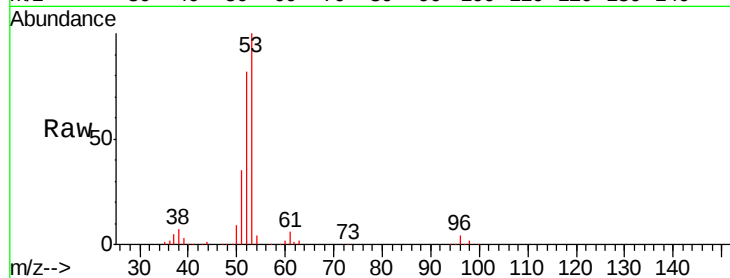
Tgt Ion: 53 Resp: 128957

Ion Ratio Lower Upper

53 100

52 82.3 67.0 100.4

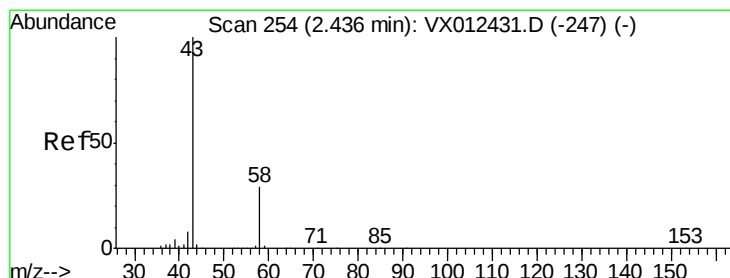
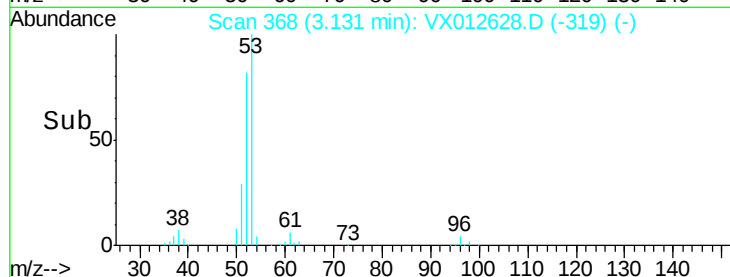
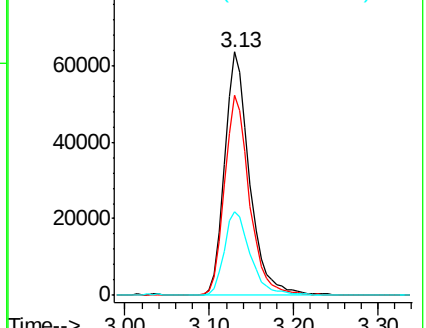
51 36.3 29.6 44.4



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: 91.314 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012628.D

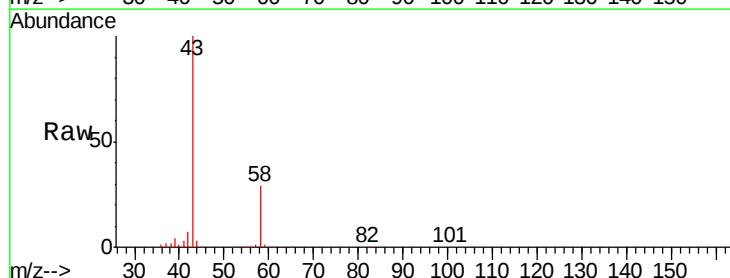
Acq: 24 Sep 2019 13:23

Tgt Ion: 43 Resp: 124451

Ion Ratio Lower Upper

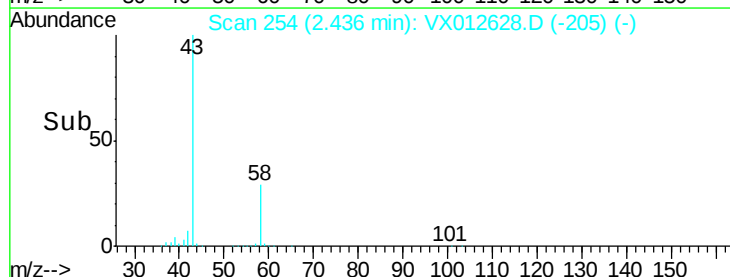
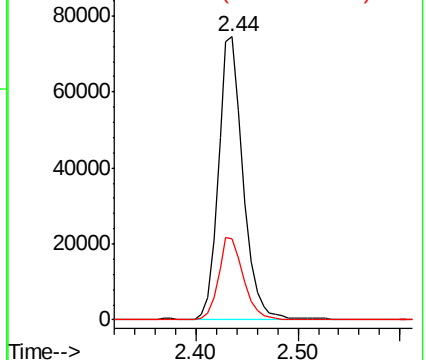
43 100

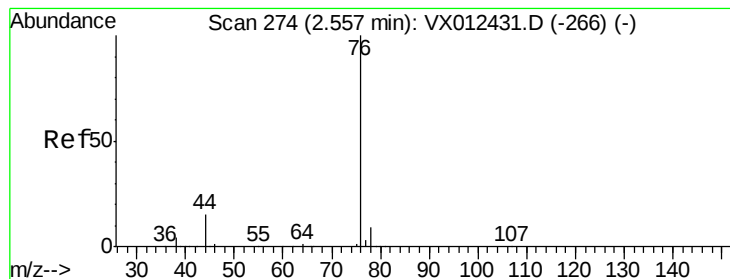
58 28.7 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.430 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

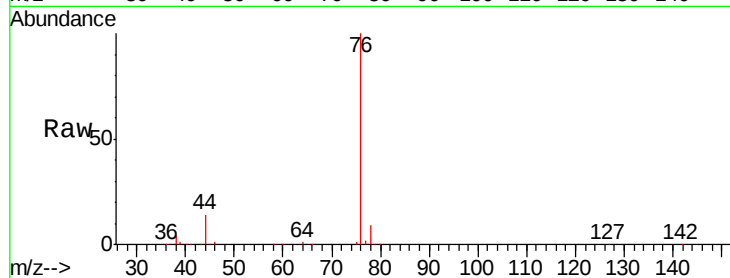
VX0924WBSD01

Tgt Ion: 76 Resp: 92832

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

60000

50000

40000

30000

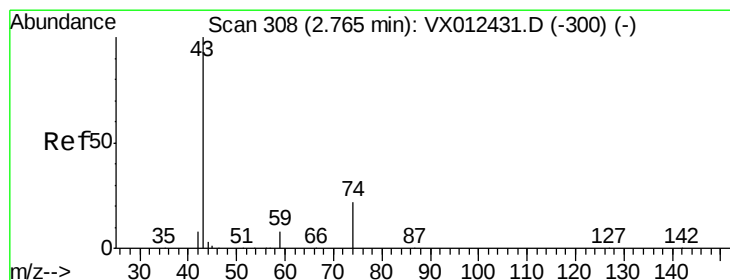
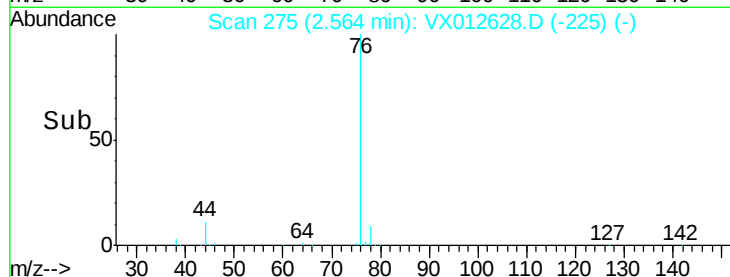
20000

10000

0

Time-->

2.50 2.60



#18

Methyl Acetate

Concen: 19.336 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012628.D

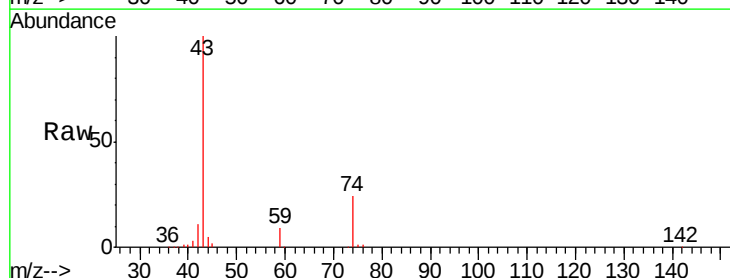
Acq: 24 Sep 2019 13:23

Tgt Ion: 43 Resp: 62051

Ion Ratio Lower Upper

43 100

74 23.1 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

40000

30000

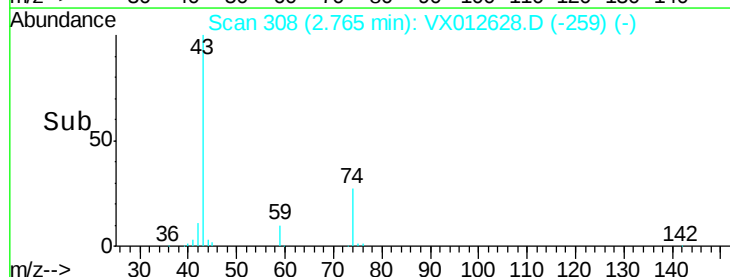
20000

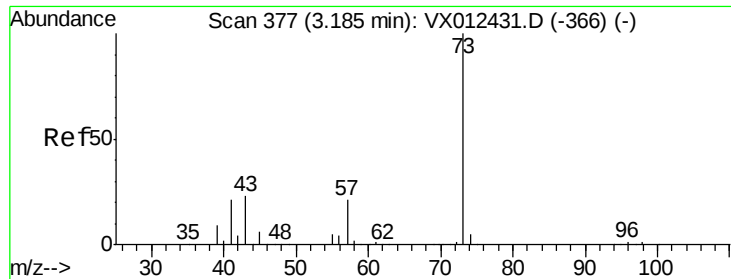
10000

0

Time-->

2.65 2.70 2.75 2.80 2.85

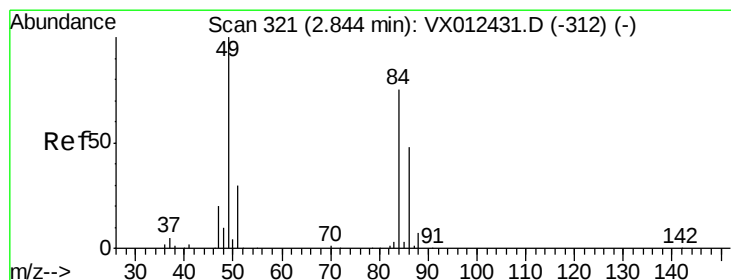
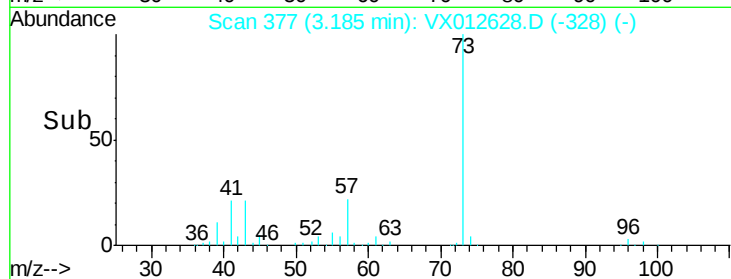
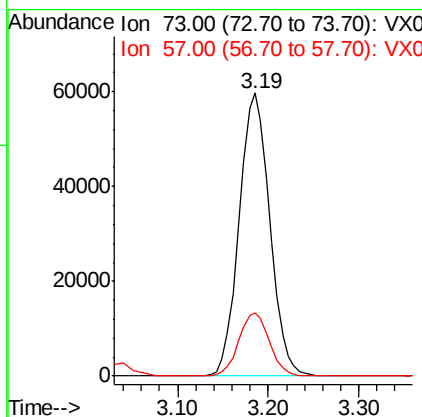
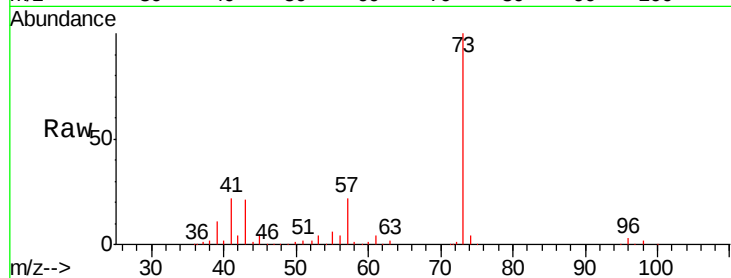




#19
Methyl tert-butyl Ether
Concen: 19.452 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

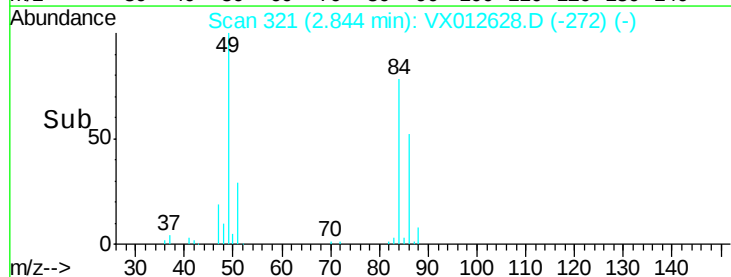
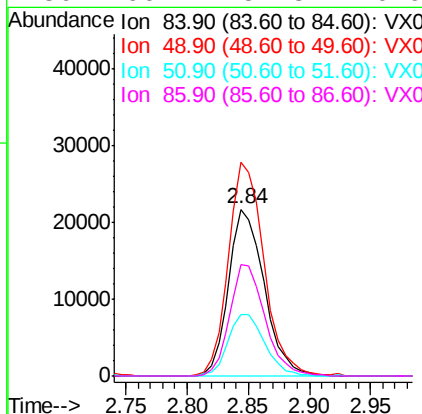
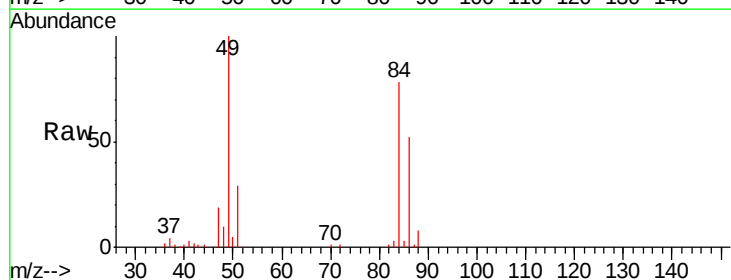
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01

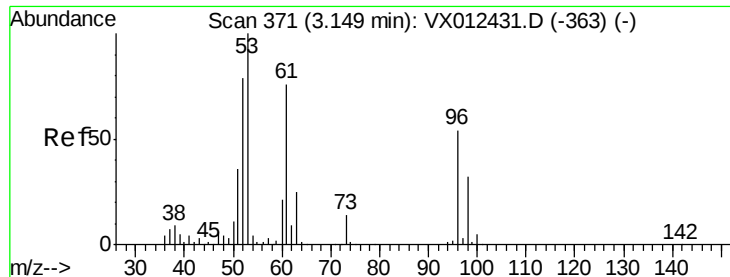
Tgt Ion: 73 Resp: 139878
Ion Ratio Lower Upper
73 100
57 22.2 16.8 25.2



#20
Methylene Chloride
Concen: 18.977 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Tgt Ion: 84 Resp: 43745
Ion Ratio Lower Upper
84 100
49 128.1 106.8 160.2
51 36.5 32.3 48.5
86 66.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 19.382 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

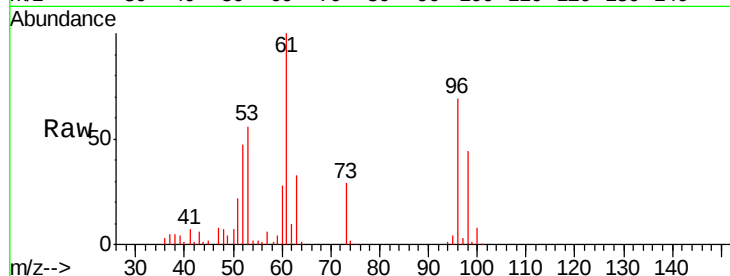
Tgt Ion: 96 Resp: 40794

Ion Ratio Lower Upper

96 100

61 144.9 112.0 168.0

98 64.0 47.8 71.8

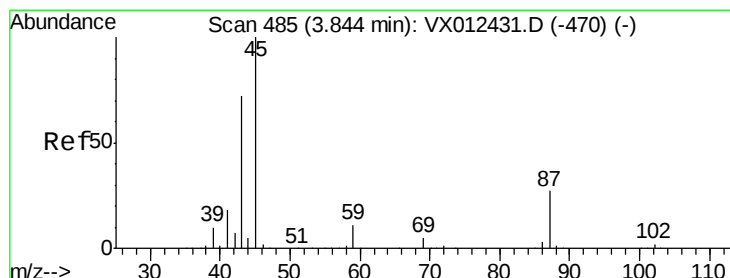
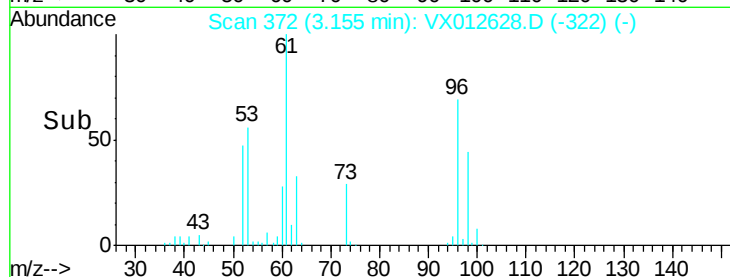
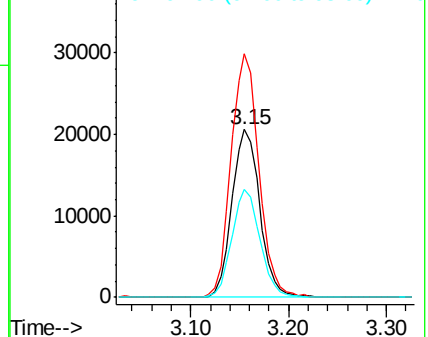


Abundance

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



#22

Diisopropyl ether

Concen: 20.035 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Tgt Ion: 45 Resp: 145916

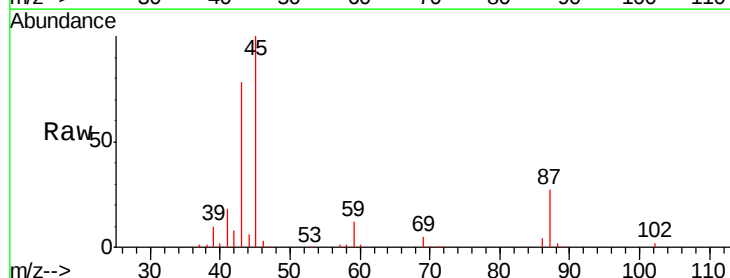
Ion Ratio Lower Upper

45 100

43 77.8 57.8 86.8

87 27.5 21.3 31.9

59 11.5 8.5 12.7



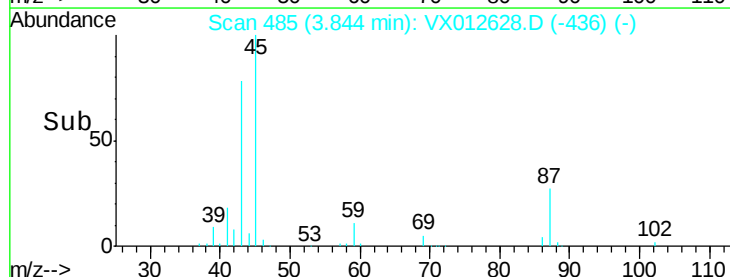
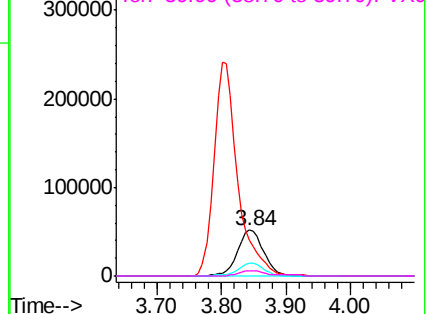
Abundance

Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 97.998 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

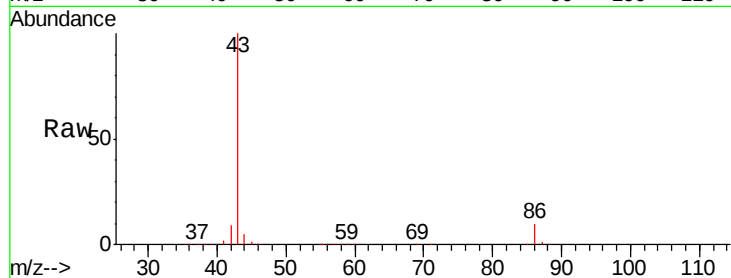
VX0924WBSD01

Tgt Ion: 43 Resp: 625910

Ion Ratio Lower Upper

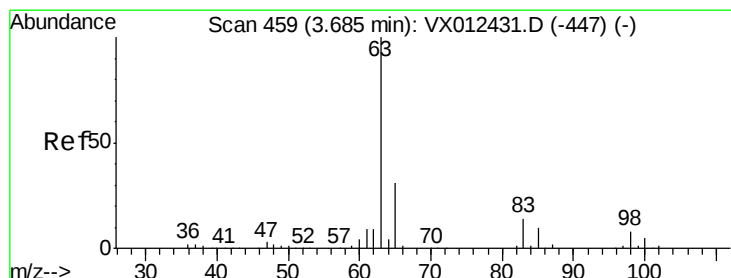
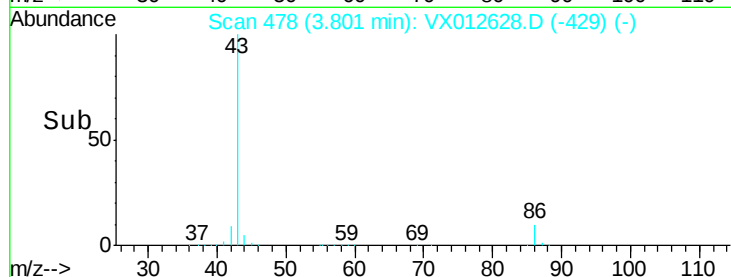
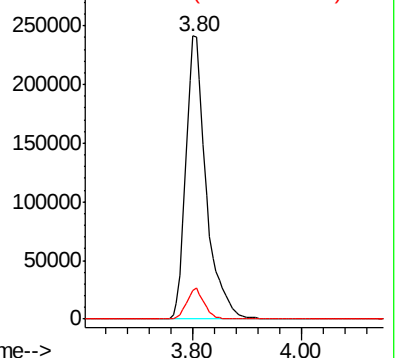
43 100

86 10.1 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.652 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

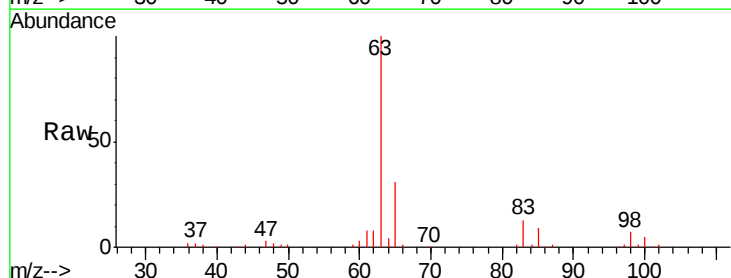
Tgt Ion: 63 Resp: 77801

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

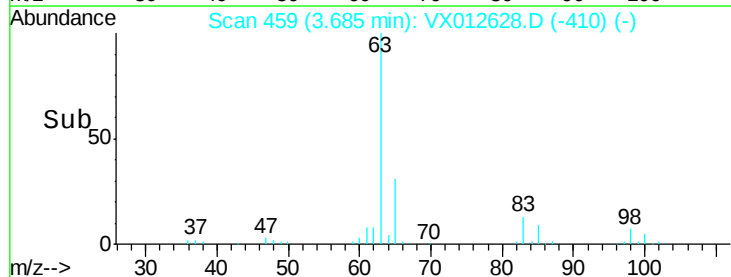
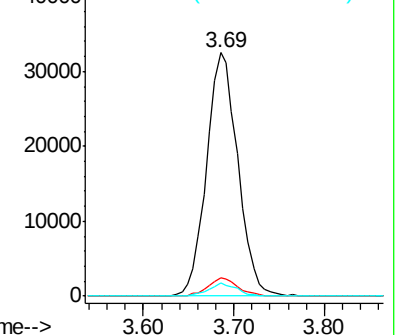
100 5.2 2.3 6.9

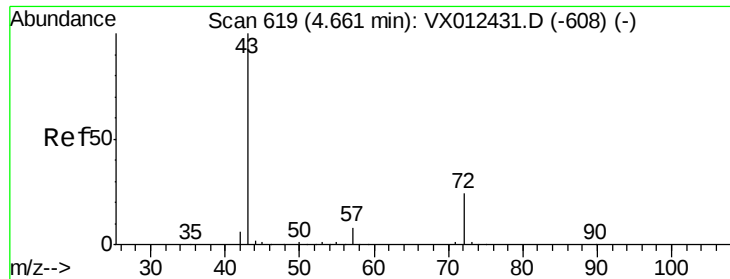


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 94.786 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

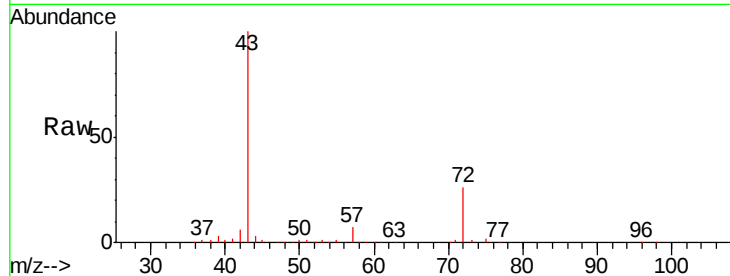
VX0924WBSD01

Tgt Ion: 43 Resp: 185229

Ion Ratio Lower Upper

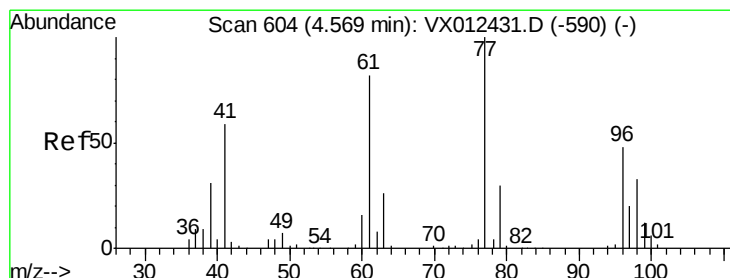
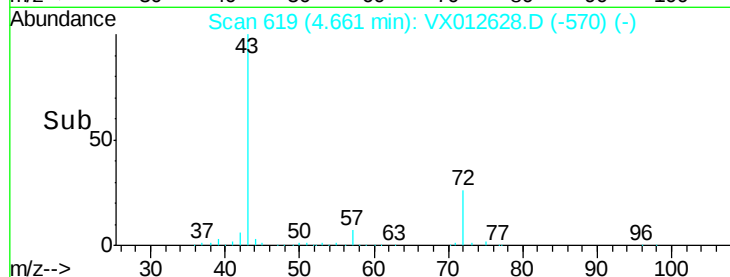
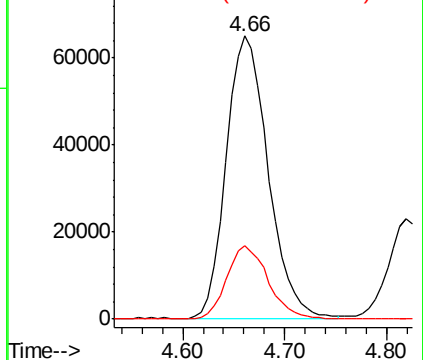
43 100

72 25.8 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.394 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012628.D

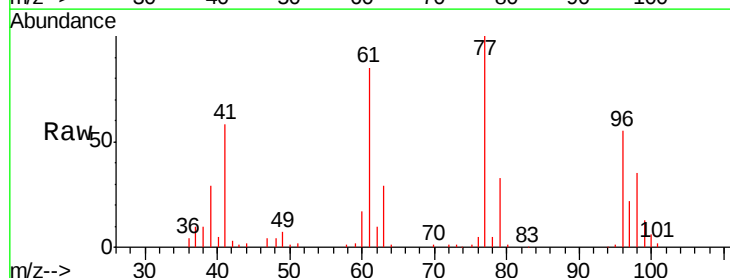
Acq: 24 Sep 2019 13:23

Tgt Ion: 77 Resp: 64767

Ion Ratio Lower Upper

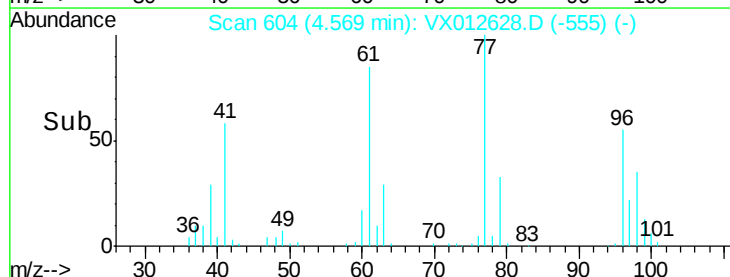
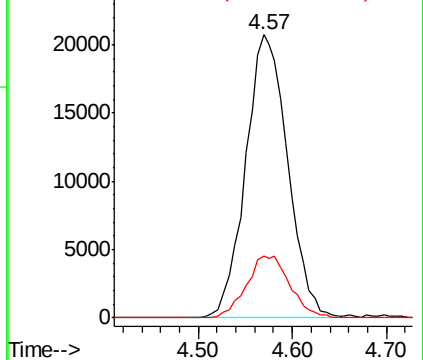
77 100

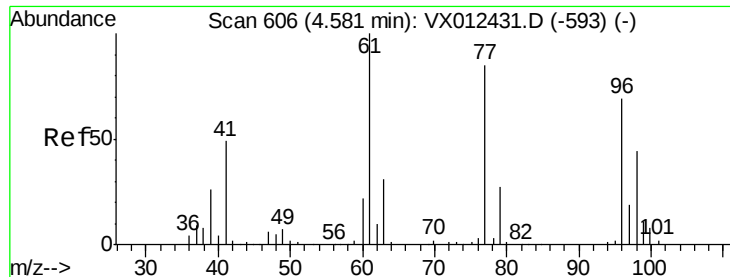
97 22.6 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



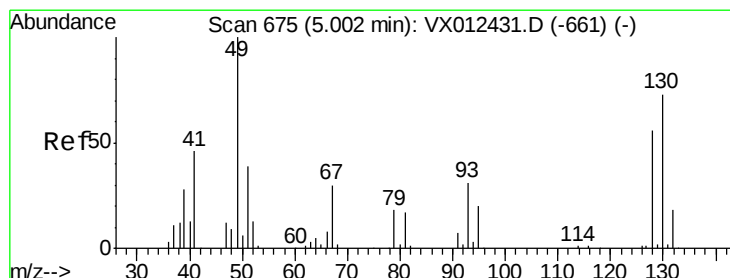
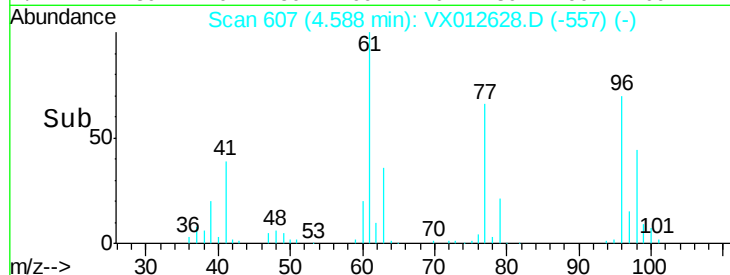
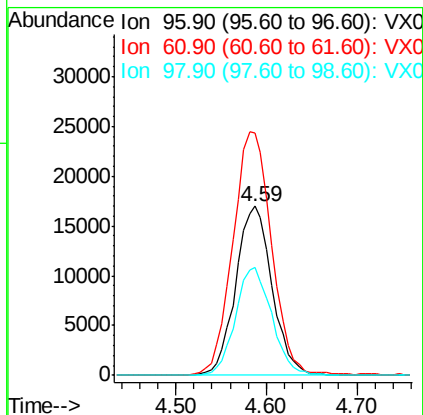
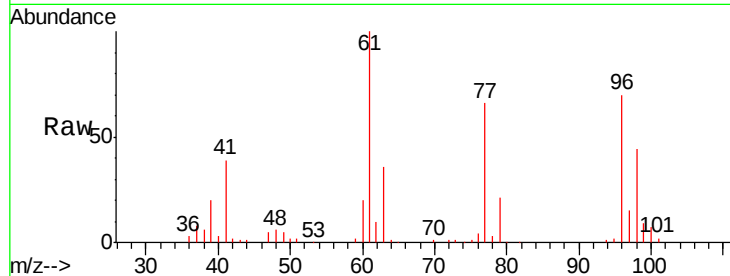


#27

cis-1,2-Dichloroethene
 Concen: 19.295 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0924WBSD01

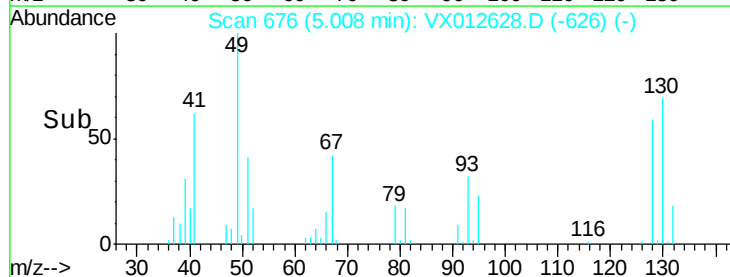
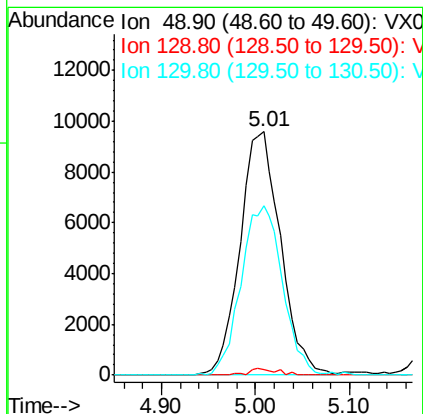
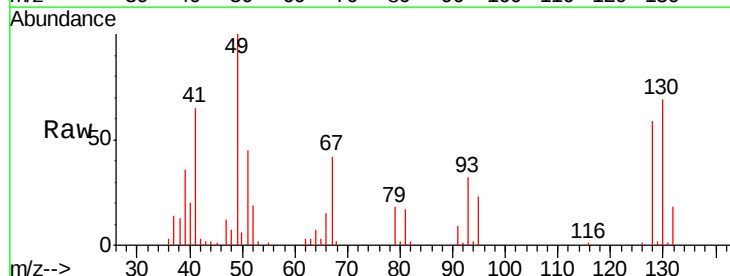
Tgt Ion: 96 Resp: 47120
 Ion Ratio Lower Upper
 96 100
 61 153.7 0.0 319.4
 98 63.9 0.0 130.6

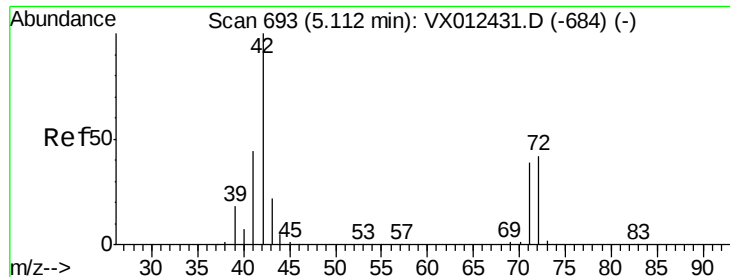


#28

Bromochloromethane
 Concen: 20.093 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

Tgt Ion: 49 Resp: 28883
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 71.0 58.2 87.4





#29

Tetrahydrofuran

Concen: 99.361 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampled :

VX0924WBSD01

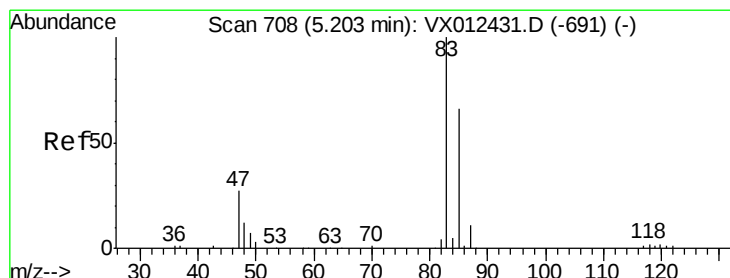
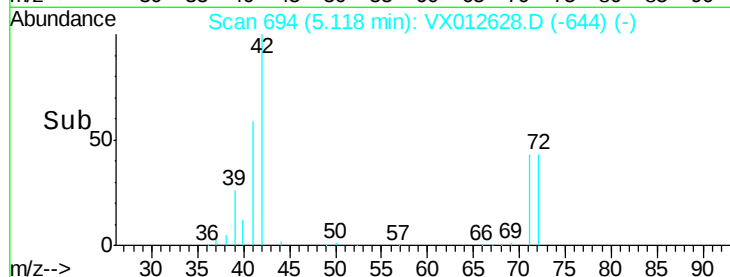
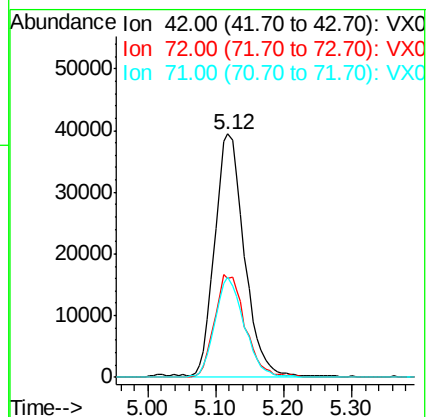
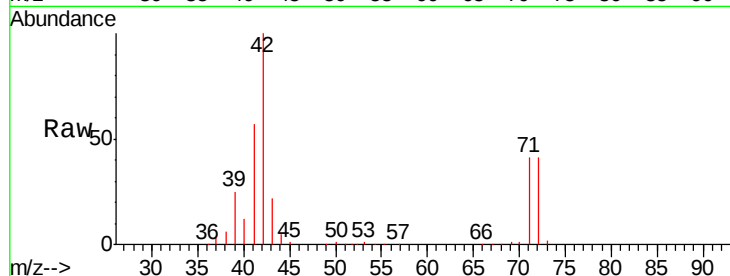
Tgt Ion: 42 Resp: 118347

Ion Ratio Lower Upper

42 100

72 44.0 34.0 51.0

71 41.2 31.5 47.3



#30

Chloroform

Concen: 19.771 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX012628.D

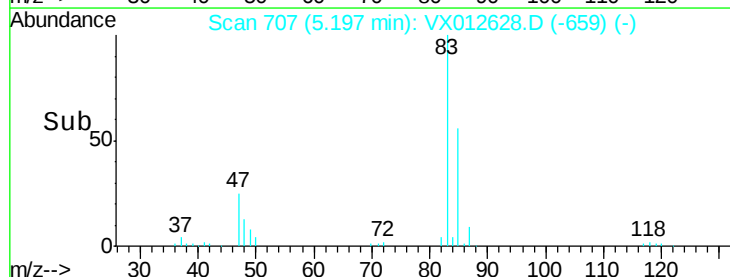
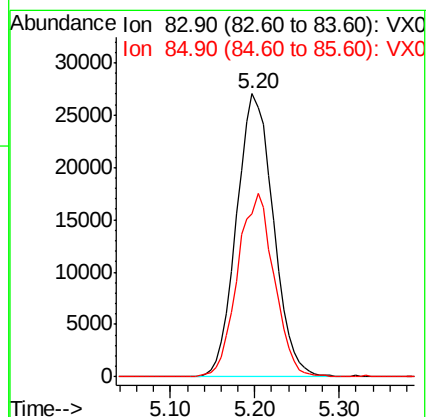
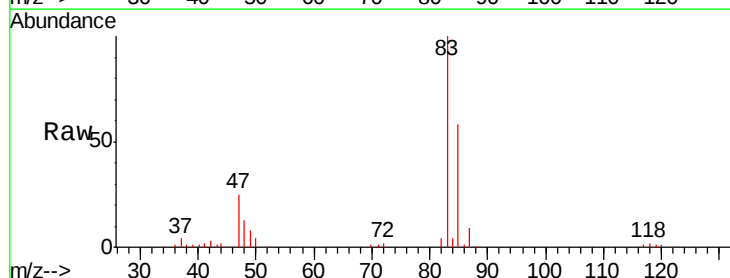
Acq: 24 Sep 2019 13:23

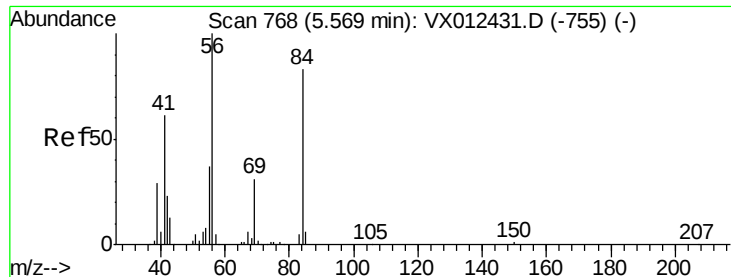
Tgt Ion: 83 Resp: 80078

Ion Ratio Lower Upper

83 100

85 57.5 53.0 79.4

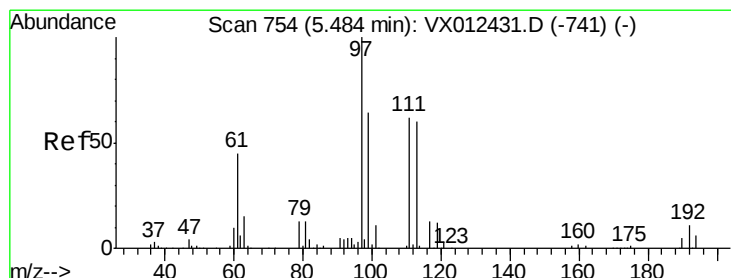
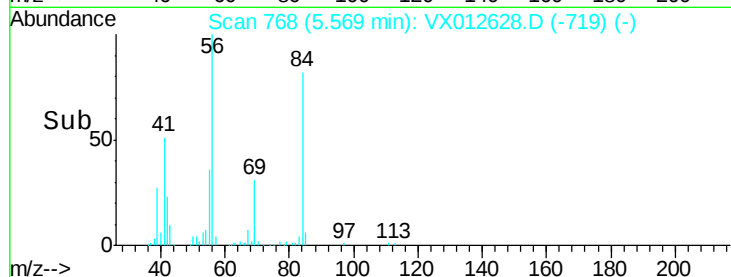
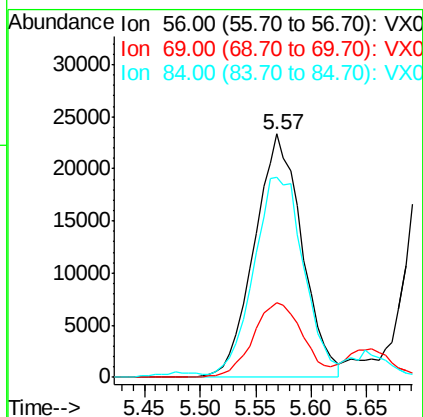
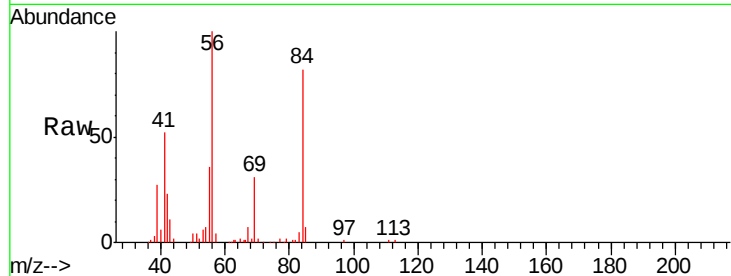




#31
Cyclohexane
Concen: 19.377 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

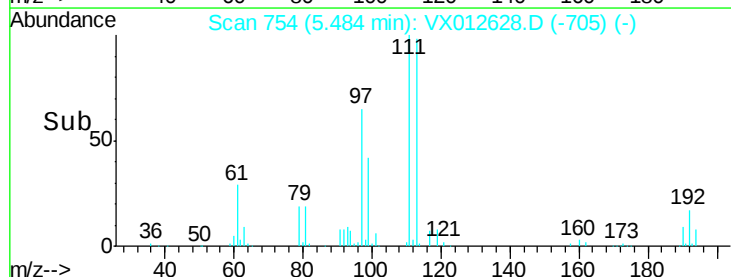
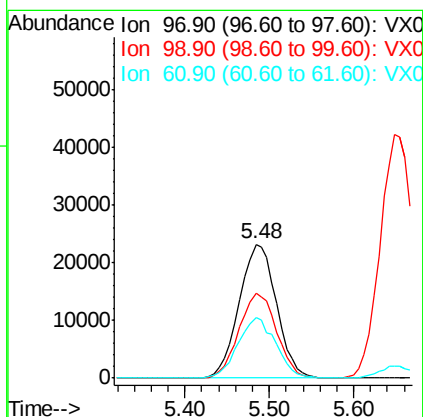
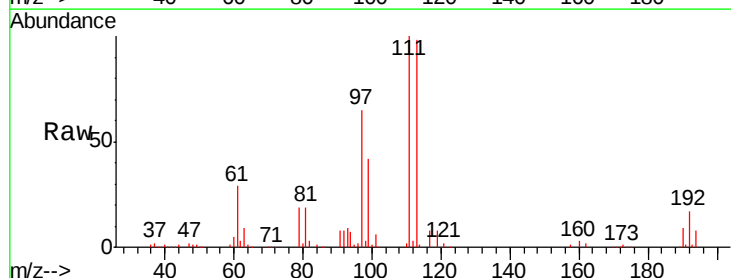
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01

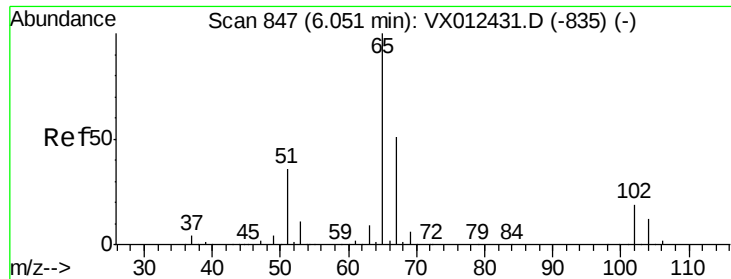
Tgt Ion: 56 Resp: 69400
Ion Ratio Lower Upper
56 100
69 30.7 25.0 37.6
84 80.4 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 19.452 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Tgt Ion: 97 Resp: 69828
Ion Ratio Lower Upper
97 100
99 63.9 51.3 76.9
61 45.6 36.1 54.1

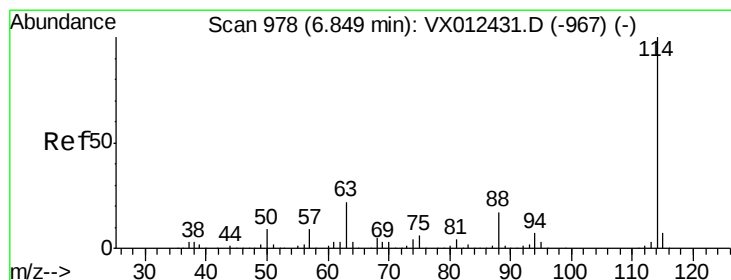
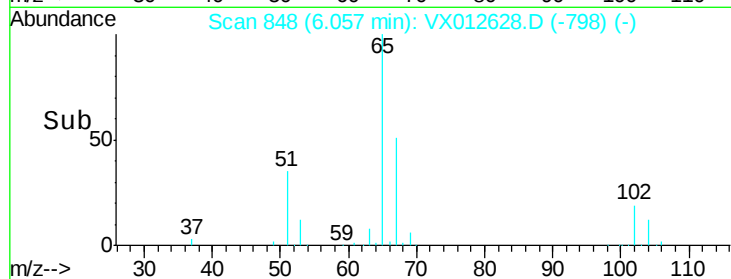
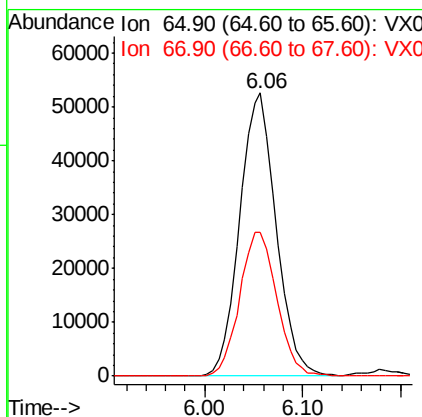
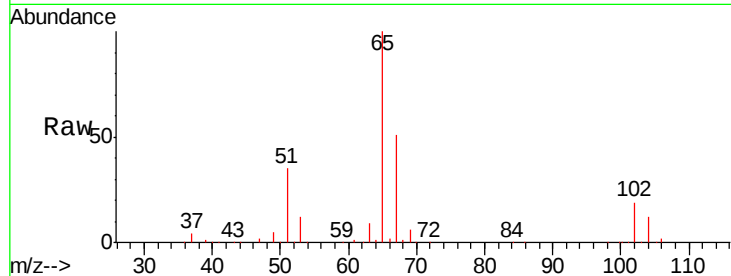




#33
 1,2-Dichloroethane-d4
 Concen: 52.758 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

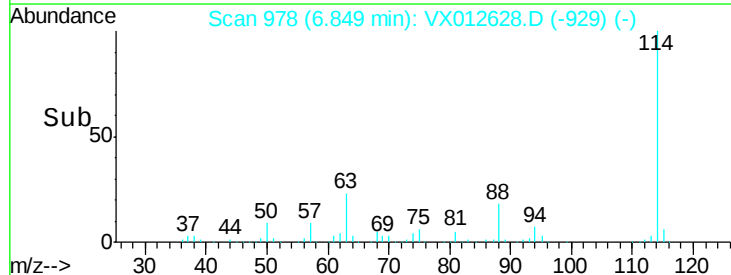
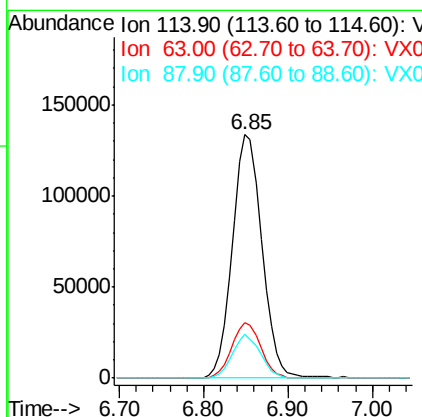
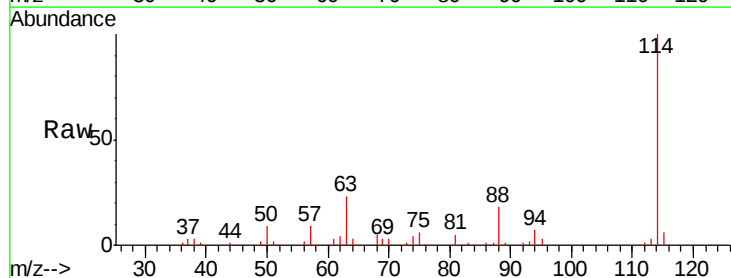
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBSD01

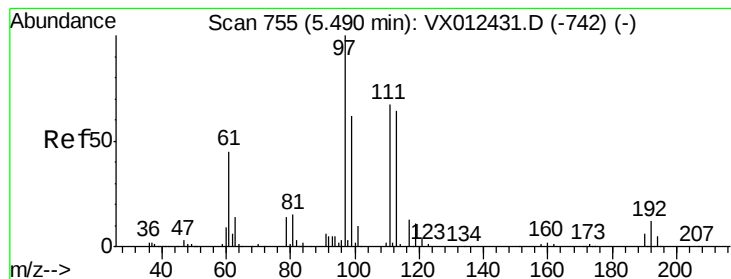
Tgt Ion: 65 Resp: 135749
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

Tgt Ion: 114 Resp: 317055
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 43.2
 88 17.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.593 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

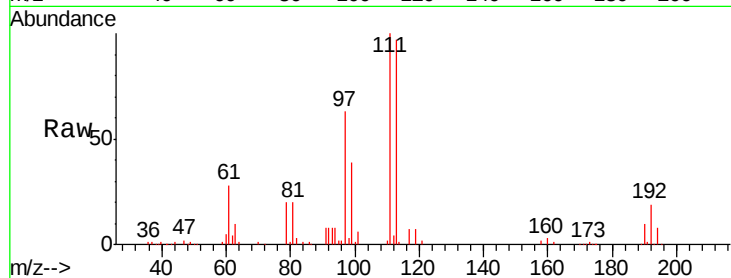
Tgt Ion:113 Resp: 99306

Ion Ratio Lower Upper

113 100

111 104.0 83.4 125.2

192 17.5 14.4 21.6

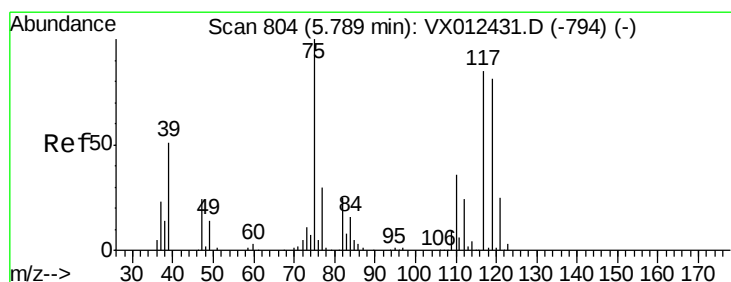
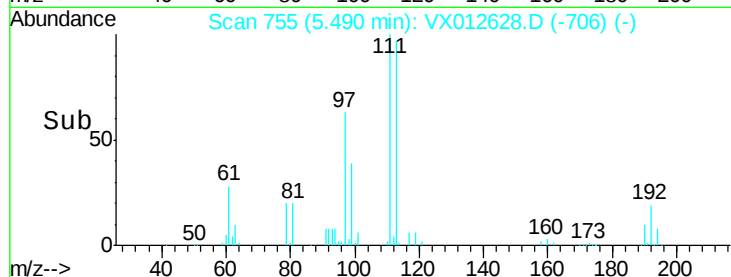
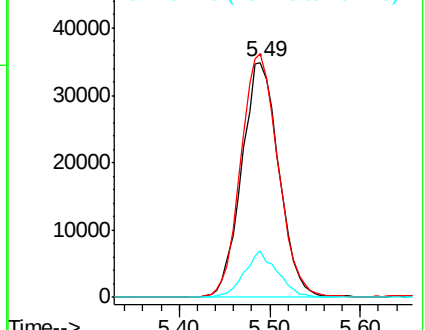


Abundance

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: 18.736 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

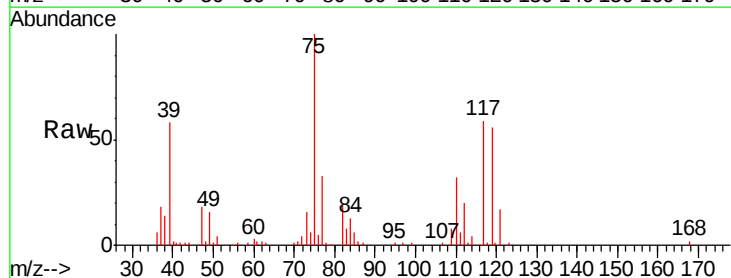
Tgt Ion: 75 Resp: 57258

Ion Ratio Lower Upper

75 100

110 34.8 16.7 50.0

77 31.9 24.2 36.2

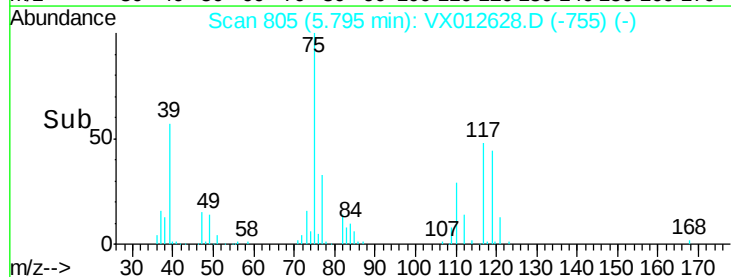
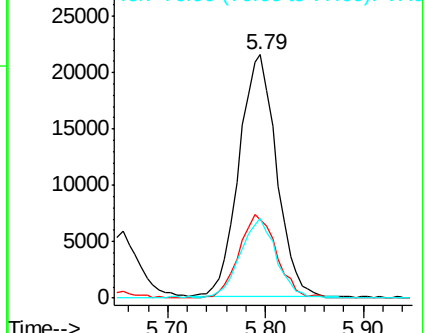


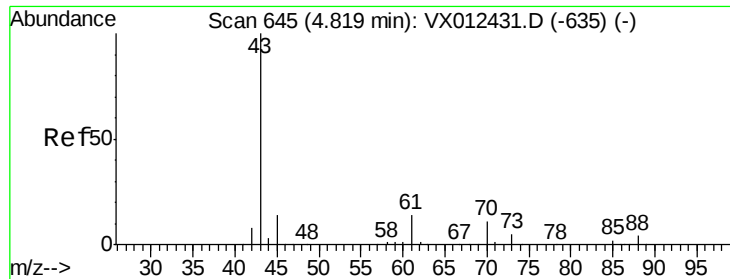
Abundance

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: 19.158 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

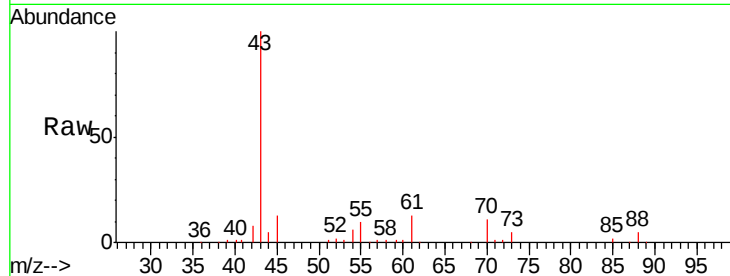
Tgt Ion: 43 Resp: 68448

Ion Ratio Lower Upper

43 100

61 14.3 10.2 15.4

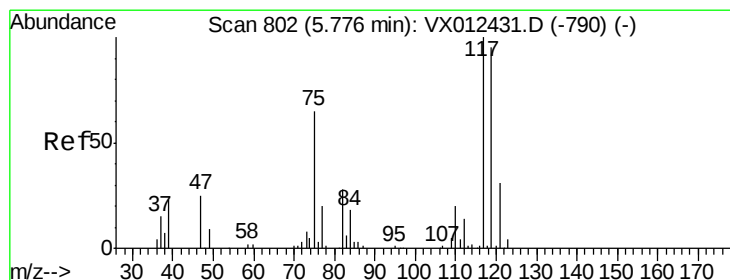
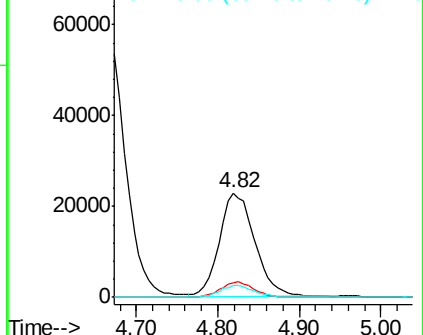
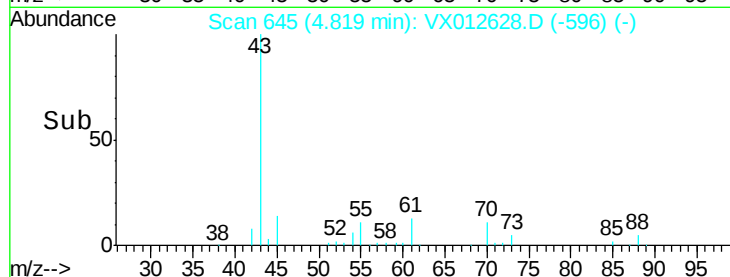
70 11.3 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 19.051 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

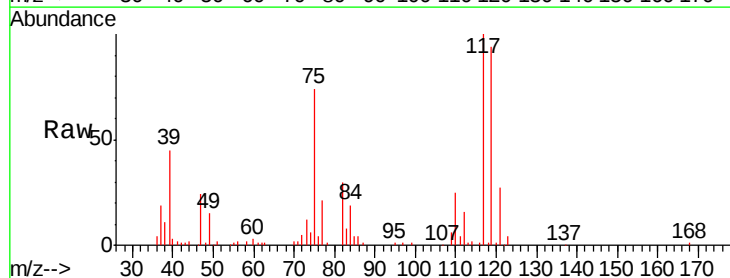
Tgt Ion: 117 Resp: 59144

Ion Ratio Lower Upper

117 100

119 94.5 75.7 113.5

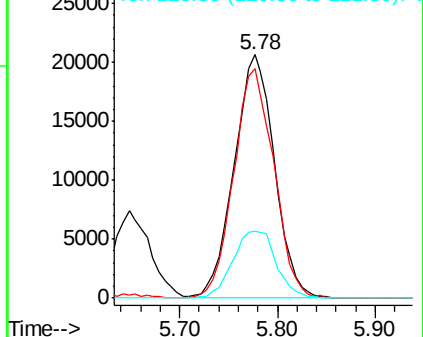
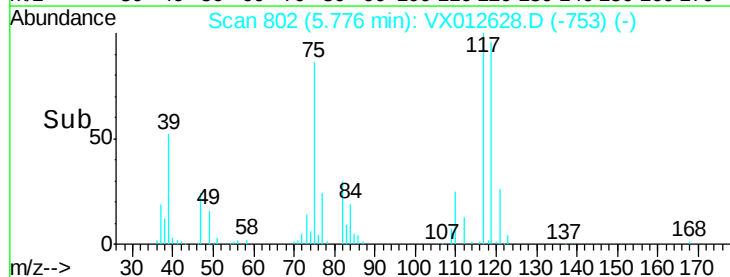
121 27.4 24.2 36.4

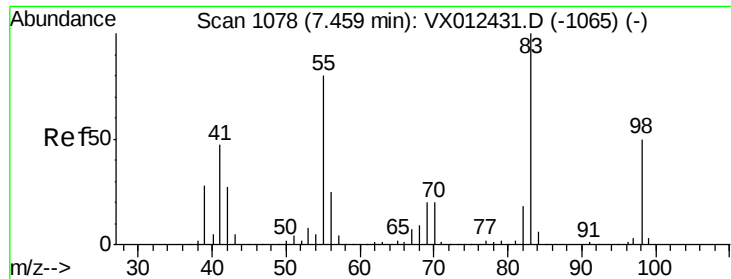


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

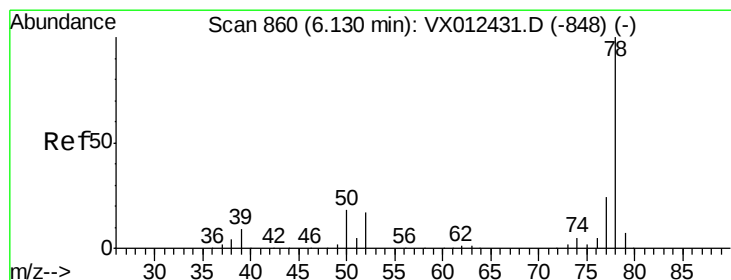
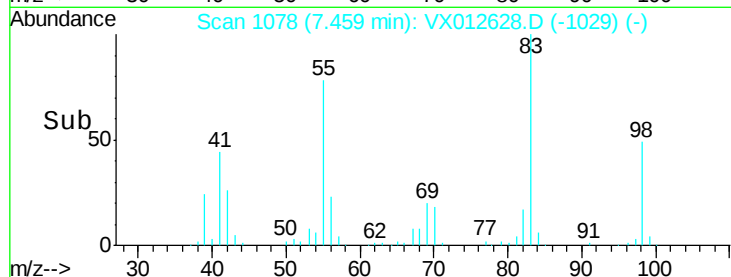
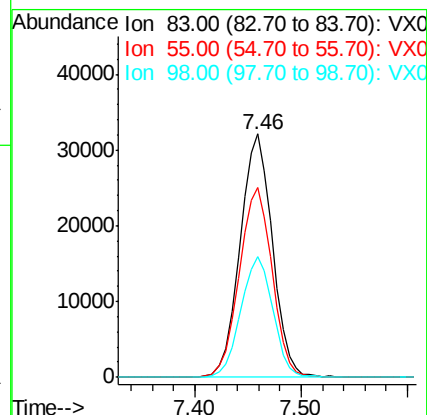
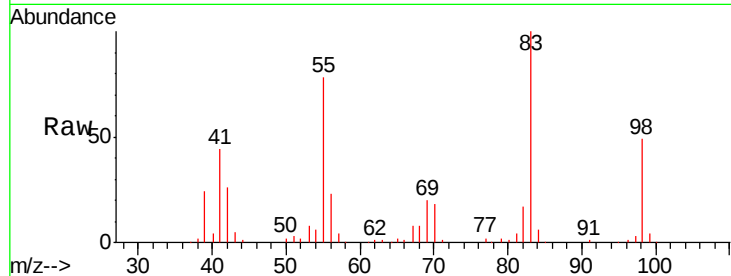




#39
Methylcyclohexane
Concen: 18.643 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

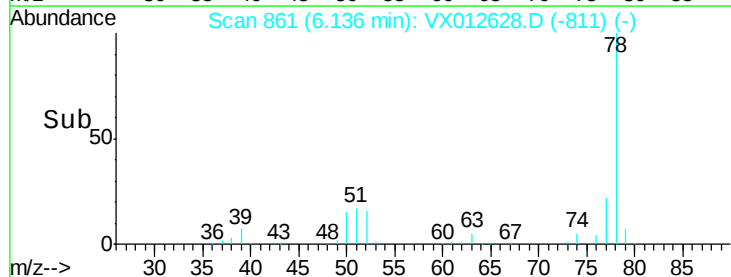
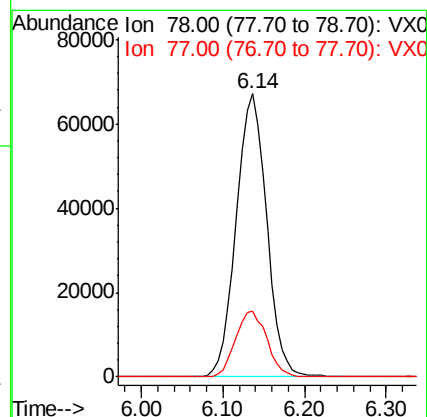
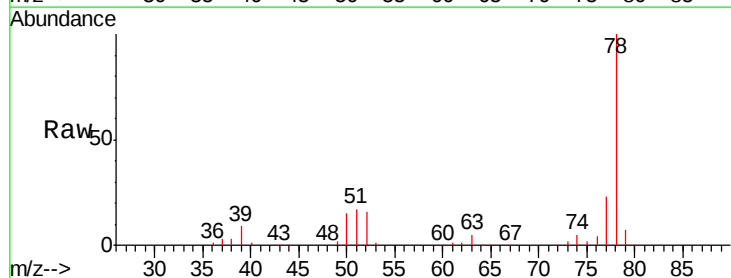
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01

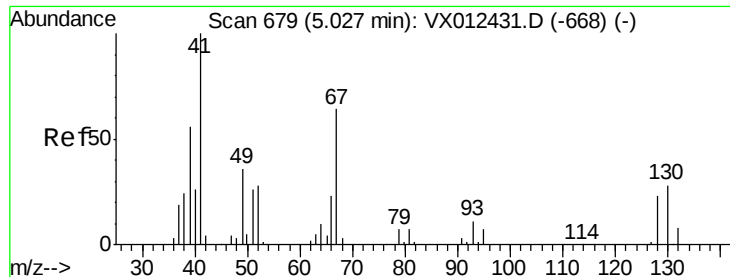
Tgt Ion: 83 Resp: 68589
Ion Ratio Lower Upper
83 100
55 78.0 64.4 96.6
98 49.5 40.1 60.1



#40
Benzene
Concen: 19.289 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Tgt Ion: 78 Resp: 173445
Ion Ratio Lower Upper
78 100
77 23.0 19.2 28.8

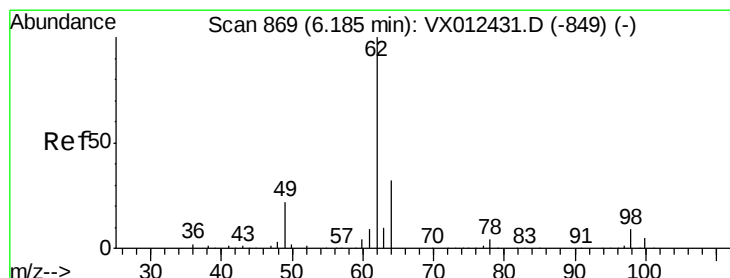
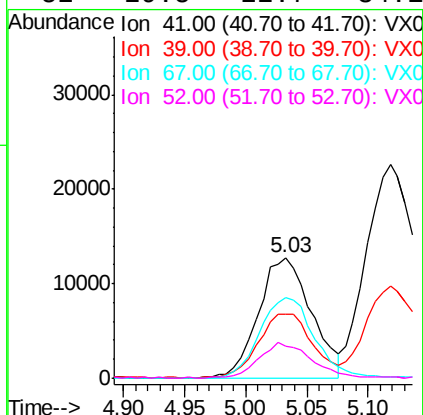
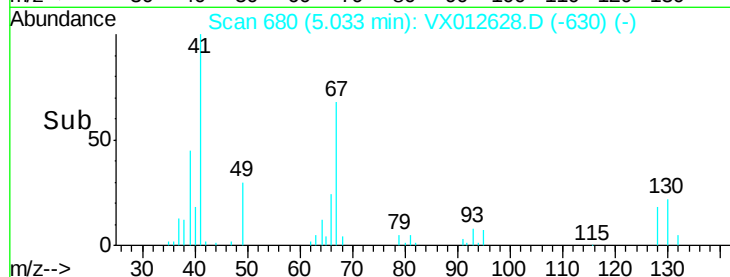
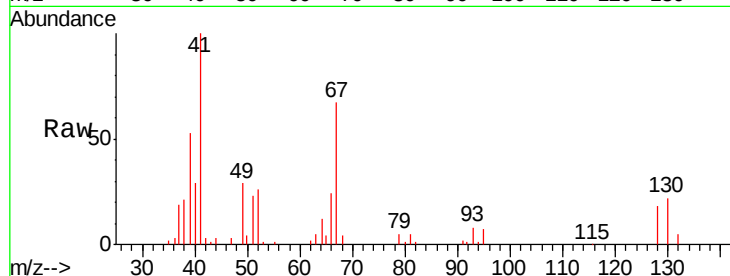




#41
Methacrylonitrile
Concen: 19.192 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

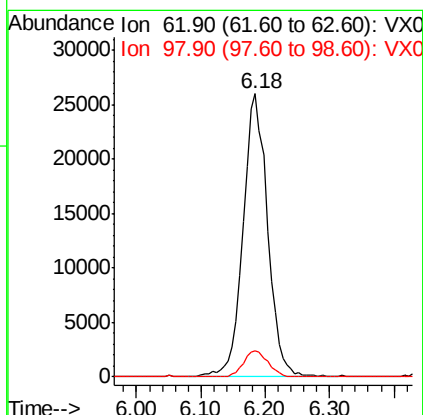
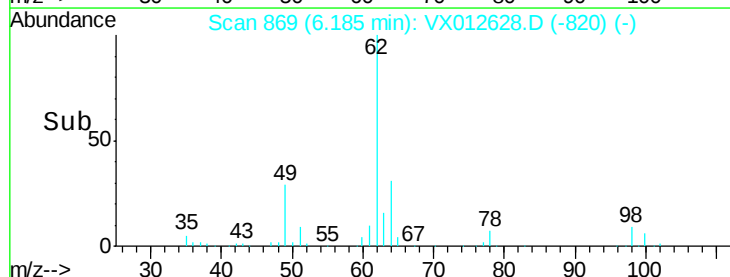
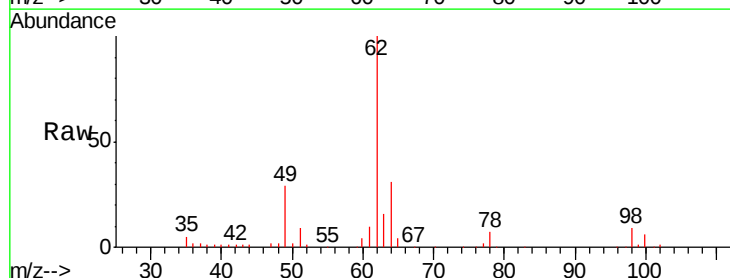
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01

Tgt Ion:	41	Resp:	38472
Ion	Ratio	Lower	Upper
41	100		
39	54.9	46.0	69.0
67	69.3	52.2	78.2
52	29.5	22.7	34.1



#42
1,2-Dichloroethane
Concen: 19.856 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Tgt Ion:	62	Resp:	67798
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.8





#43

Isopropyl Acetate

Concen: 18.747 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

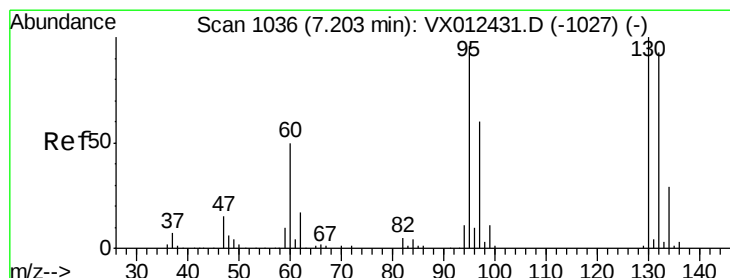
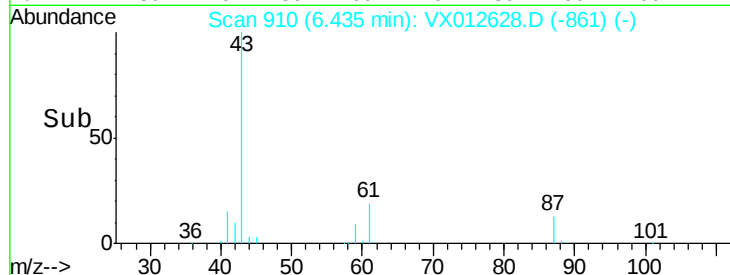
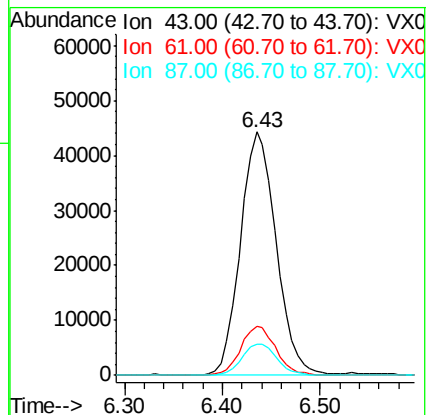
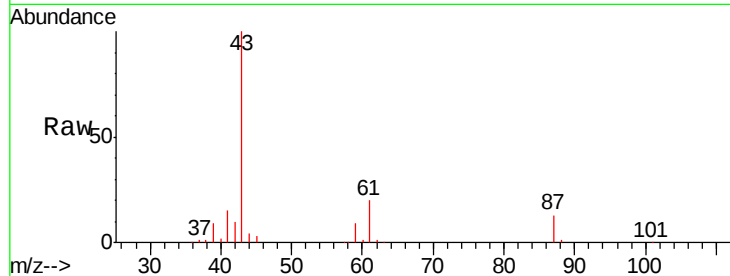
Tgt Ion: 43 Resp: 112012

Ion Ratio Lower Upper

43 100

61 19.9 15.4 23.0

87 12.7 9.8 14.8



#44

Trichloroethene

Concen: 19.108 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012628.D

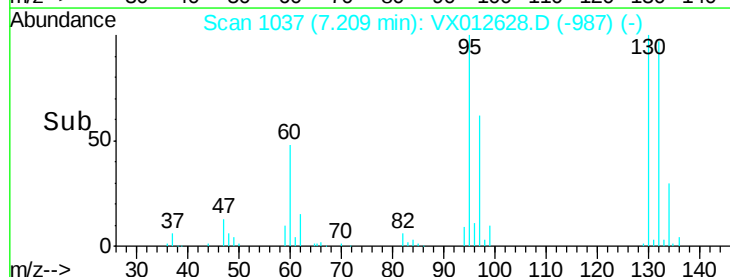
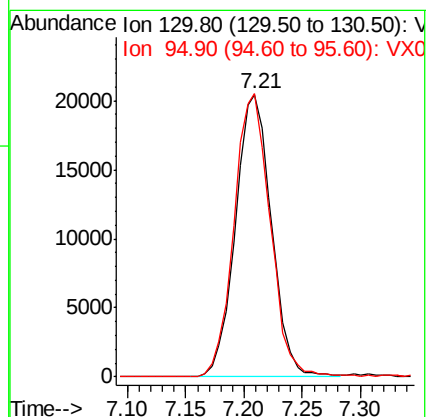
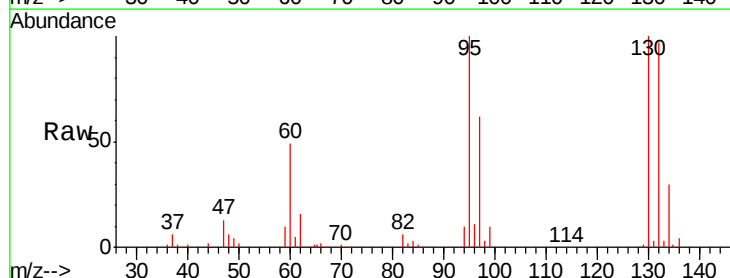
Acq: 24 Sep 2019 13:23

Tgt Ion: 130 Resp: 43924

Ion Ratio Lower Upper

130 100

95 100.2 0.0 193.0





#45

1,2-Dichloropropane

Concen: 19.471 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

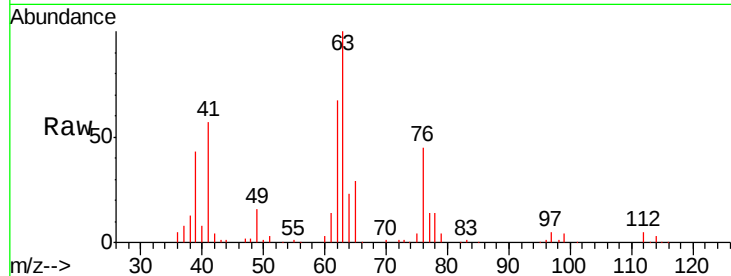
VX0924WBSD01

Tgt Ion: 63 Resp: 44825

Ion Ratio Lower Upper

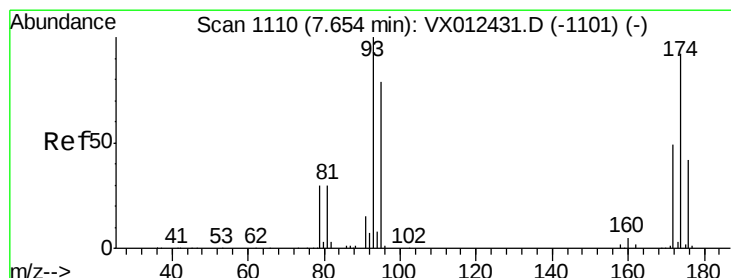
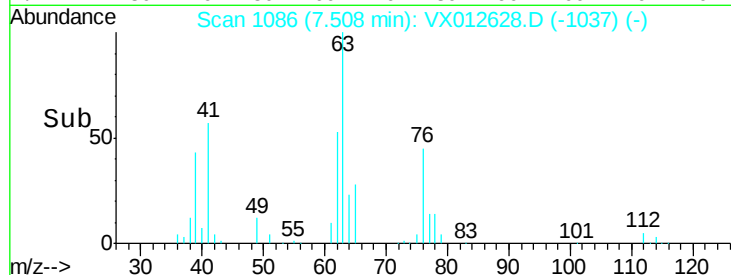
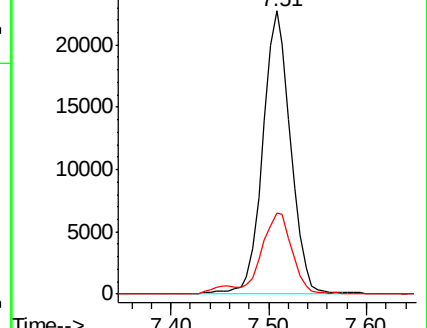
63 100

65 28.9 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.263 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

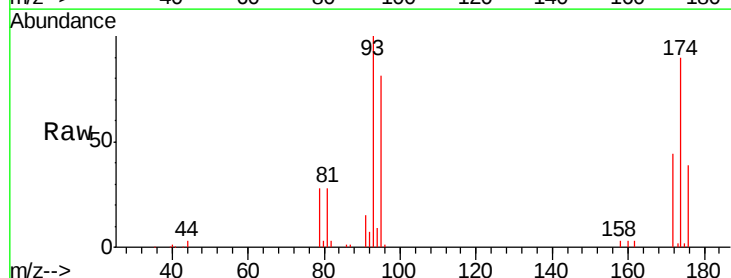
Tgt Ion: 93 Resp: 30193

Ion Ratio Lower Upper

93 100

95 80.9 66.6 100.0

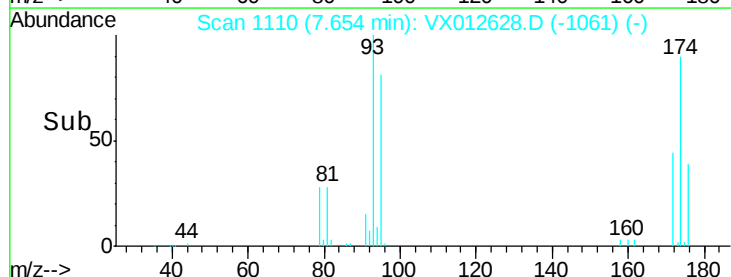
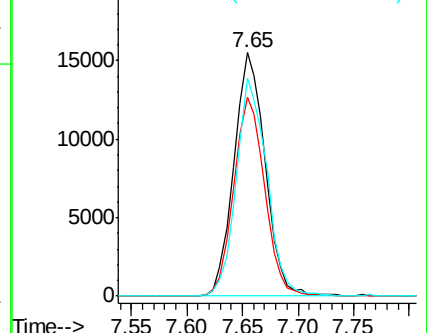
174 87.6 77.4 116.0

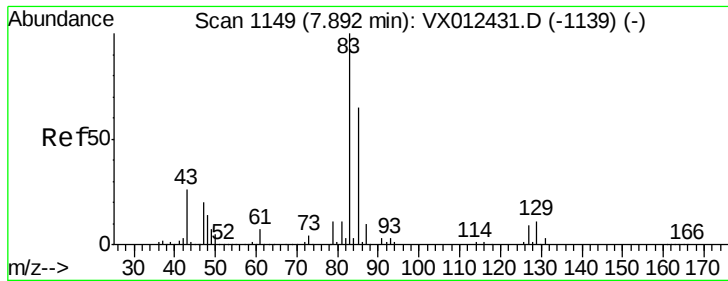


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.897 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

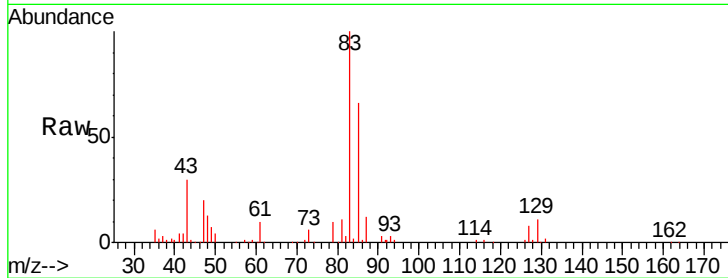
Tgt Ion: 83 Resp: 59197

Ion Ratio Lower Upper

83 100

85 66.0 51.8 77.6

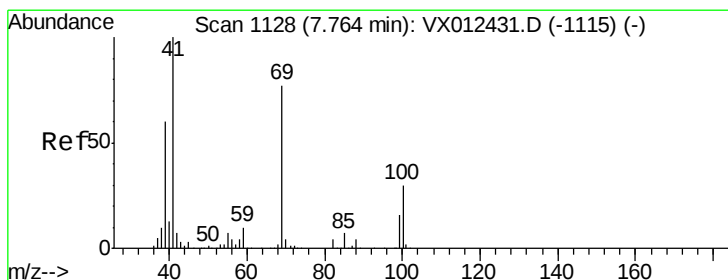
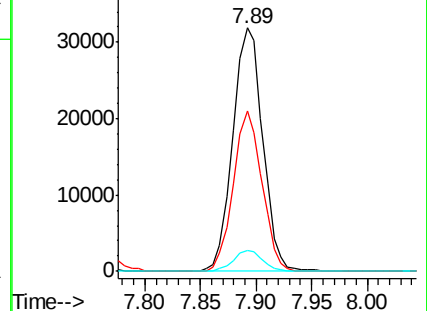
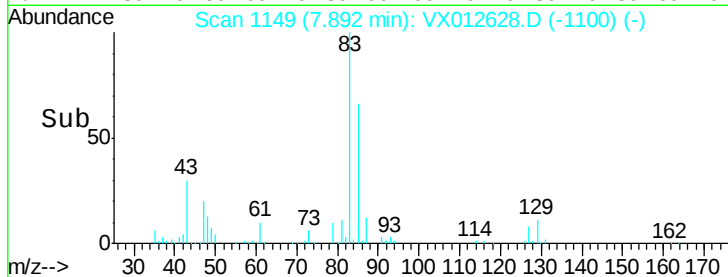
127 8.4 7.3 10.9



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: 19.137 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

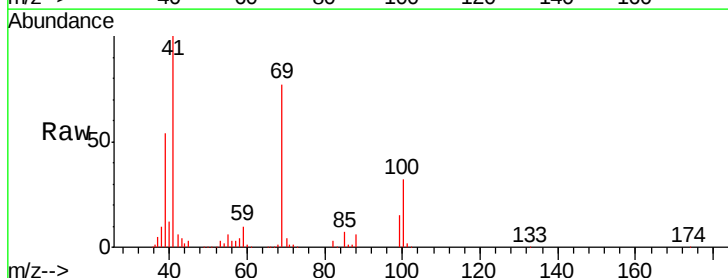
Tgt Ion: 41 Resp: 54827

Ion Ratio Lower Upper

41 100

69 78.9 59.9 89.9

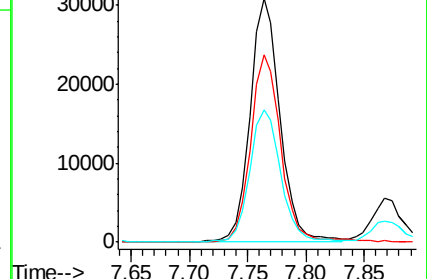
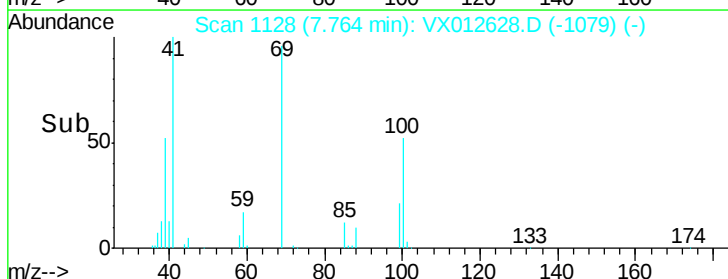
39 57.6 47.8 71.6

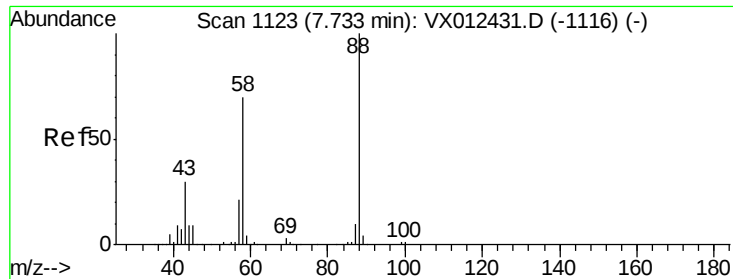


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

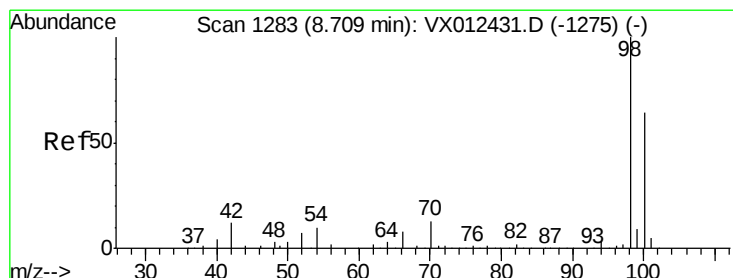
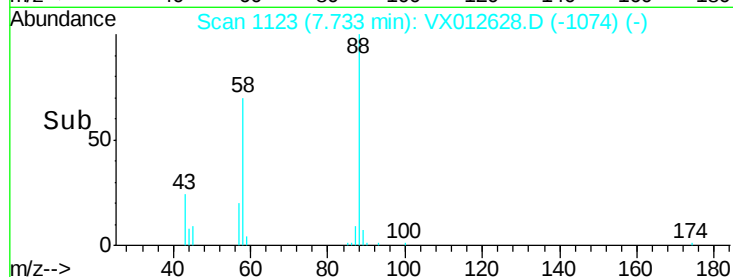
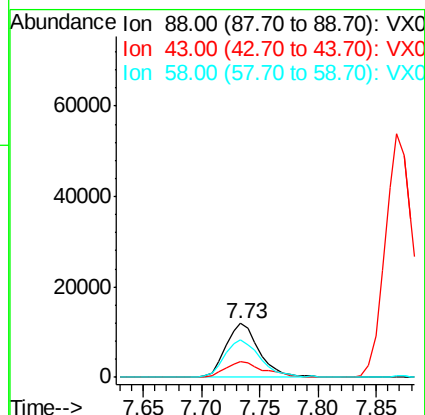
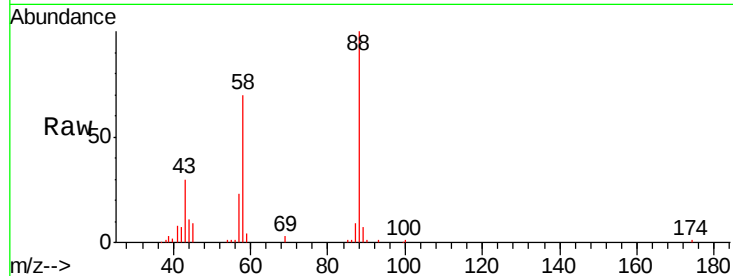




#49
1,4-Dioxane
Concen: 365.453 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

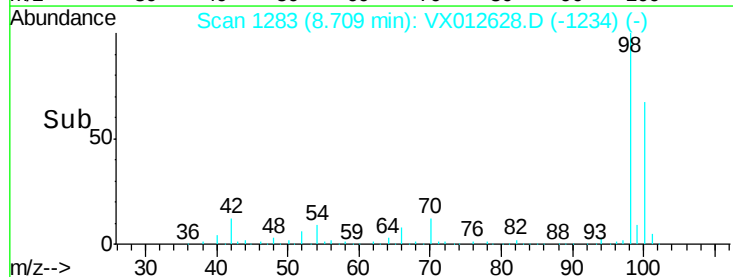
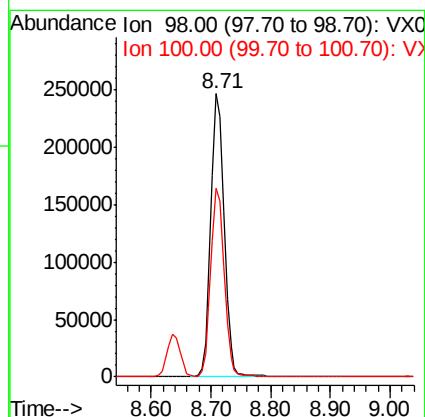
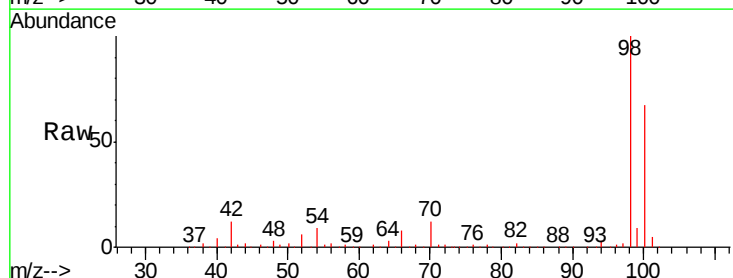
Instrument :
MSVOA_X
ClientSampled :
VX0924WBSD01

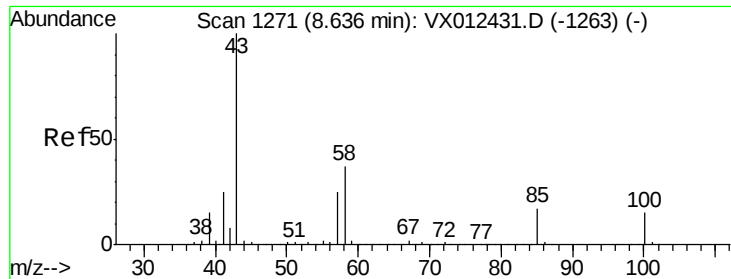
Tgt Ion: 88 Resp: 23748
Ion Ratio Lower Upper
88 100
43 32.8 29.4 44.0
58 74.7 57.5 86.3



#50
Toluene-d8
Concen: 52.366 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Tgt Ion: 98 Resp: 380780
Ion Ratio Lower Upper
98 100
100 67.1 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 96.184 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

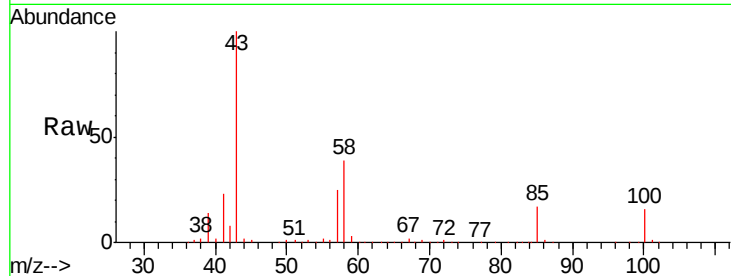
VX0924WBSD01

Tgt Ion: 43 Resp: 354750

Ion Ratio Lower Upper

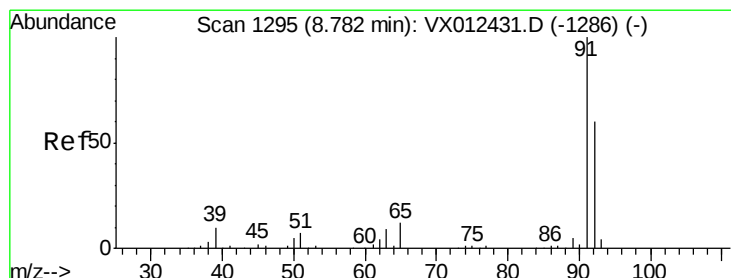
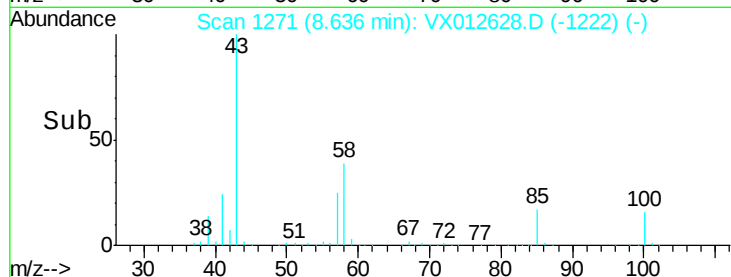
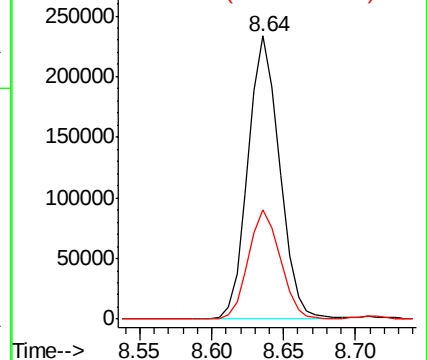
43 100

58 39.0 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.212 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012628.D

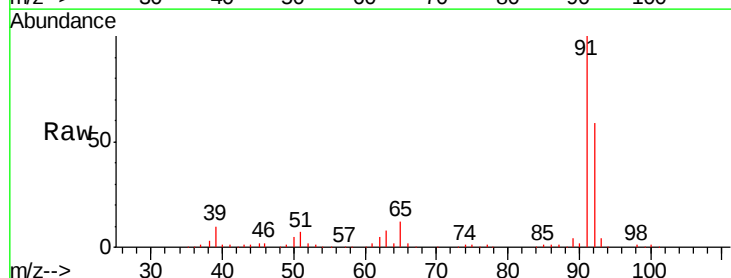
Acq: 24 Sep 2019 13:23

Tgt Ion: 92 Resp: 108575

Ion Ratio Lower Upper

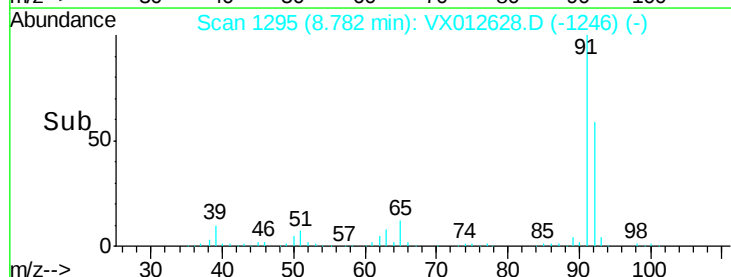
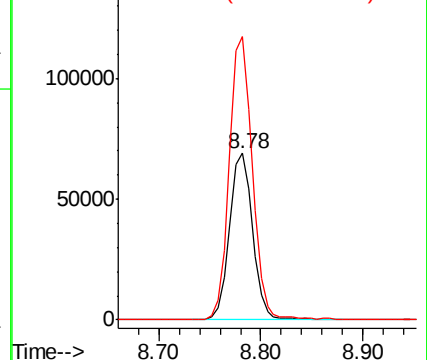
92 100

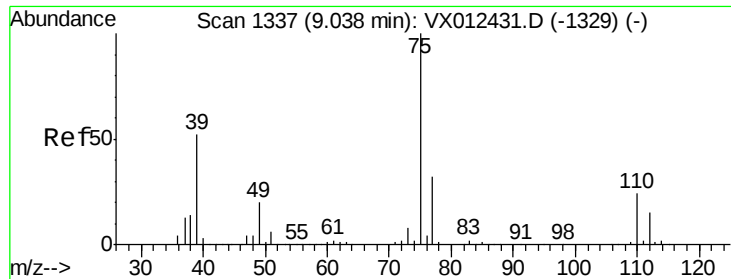
91 169.7 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

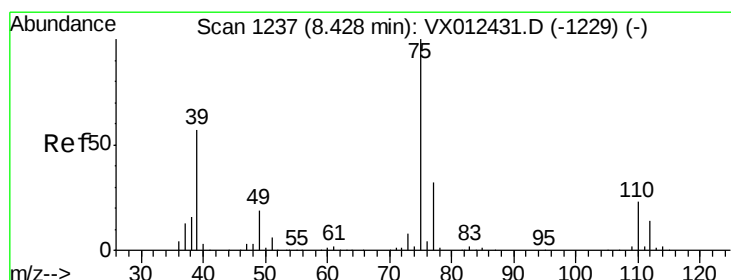
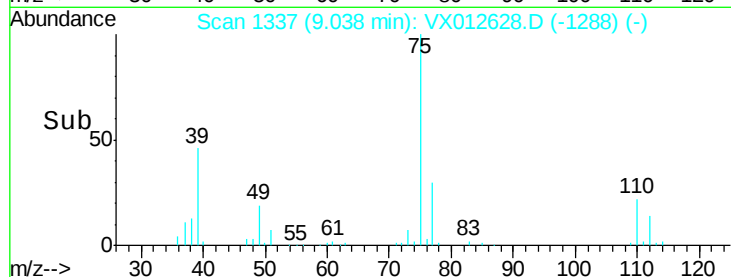
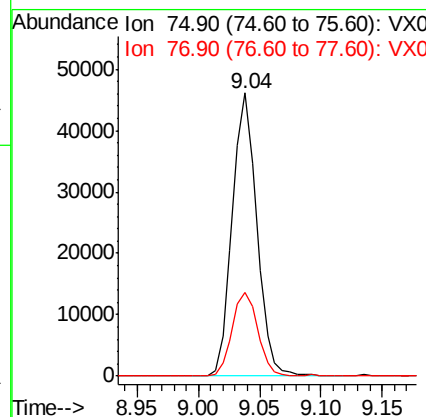
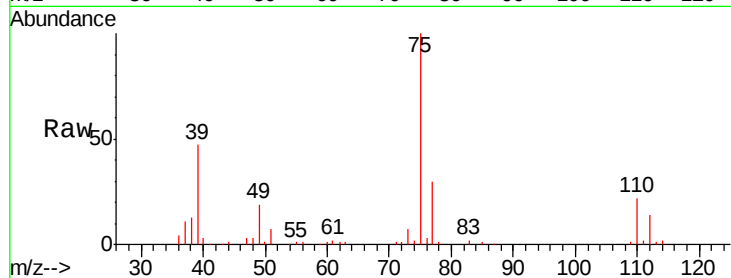




#53
t-1,3-Dichloropropene
Concen: 18.502 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

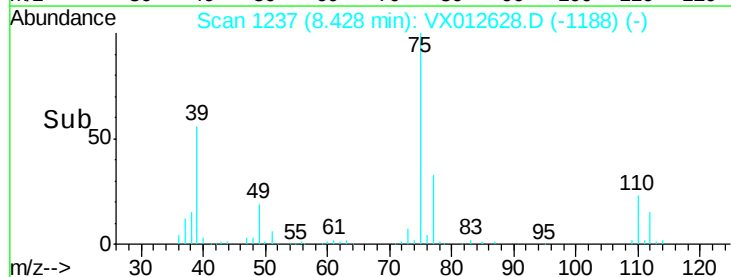
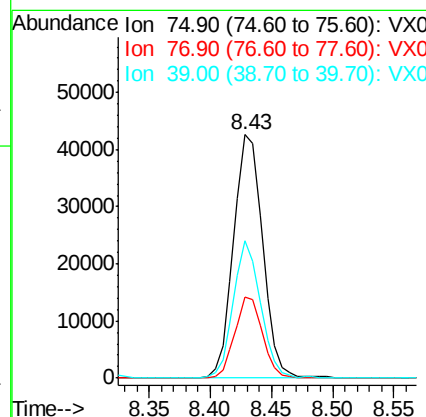
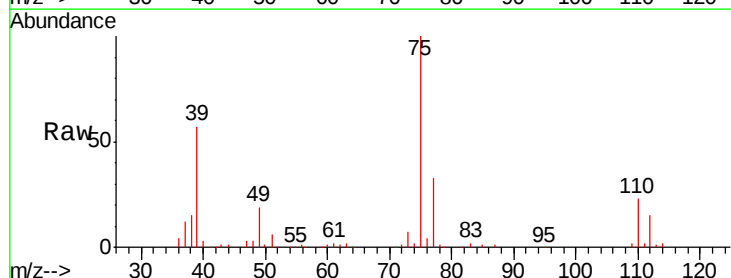
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01

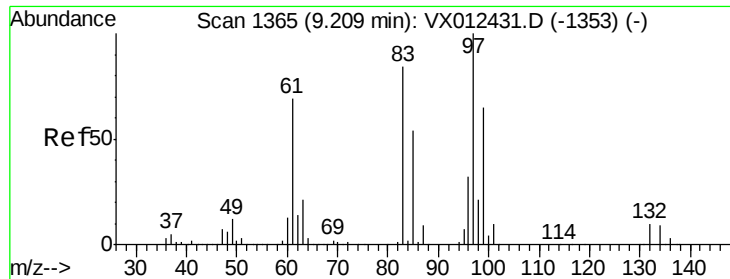
Tgt Ion: 75 Resp: 64127
Ion Ratio Lower Upper
75 100
77 29.8 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 18.548 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Tgt Ion: 75 Resp: 70193
Ion Ratio Lower Upper
75 100
77 33.2 25.8 38.8
39 56.4 45.5 68.3

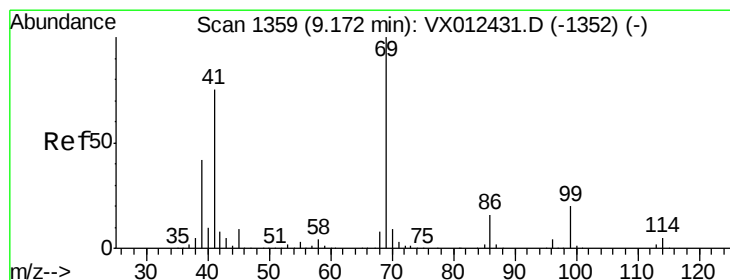
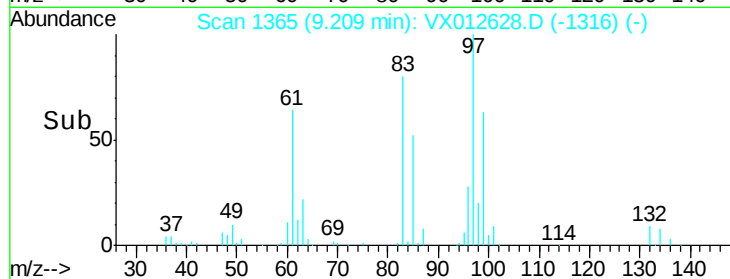
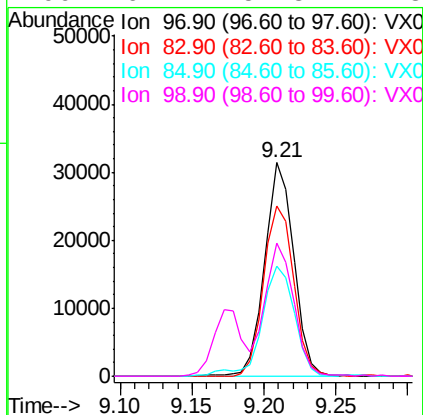
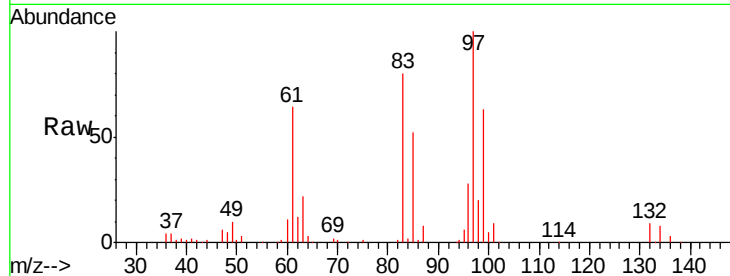




#55
 1,1,2-Trichloroethane
 Concen: 19.579 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

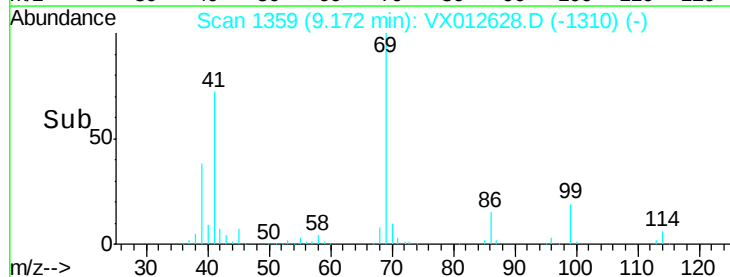
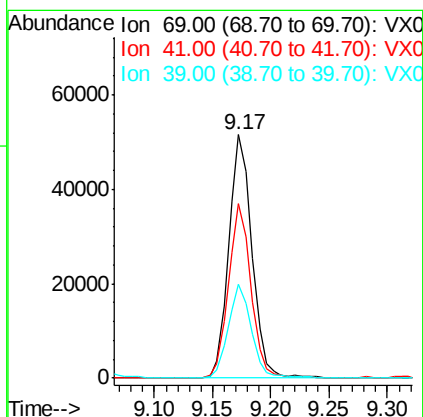
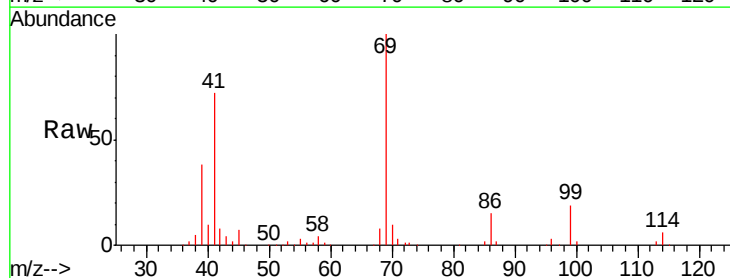
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBSD01

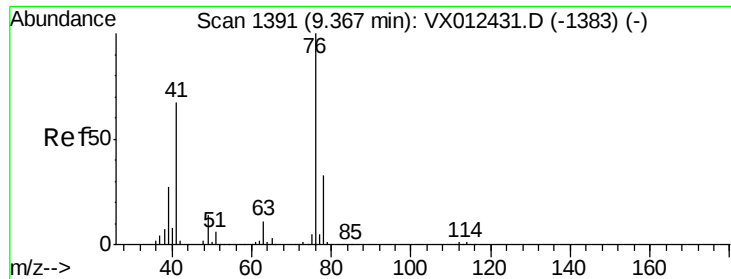
Tgt Ion:	97	Resp:	43992
Ion	Ratio	Lower	Upper
97	100		
83	79.9	67.4	101.2
85	51.5	43.5	65.3
99	62.2	51.8	77.8



#56
 Ethyl methacrylate
 Concen: 19.009 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

Tgt Ion:	69	Resp:	71752
Ion	Ratio	Lower	Upper
69	100		
41	69.4	58.4	87.6
39	37.9	33.4	50.0





#57

1,3-Dichloropropane

Concen: 19.406 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

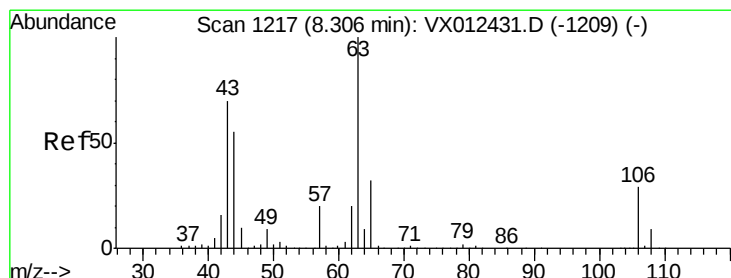
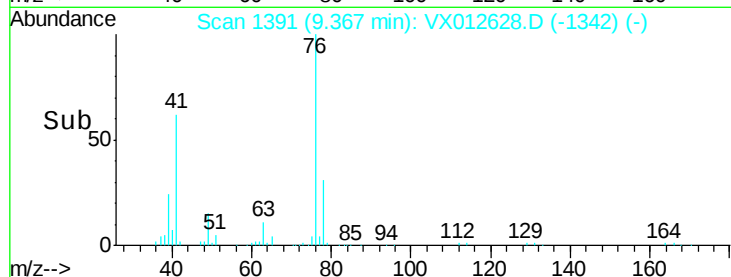
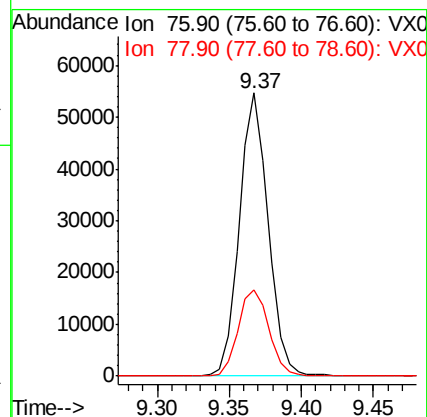
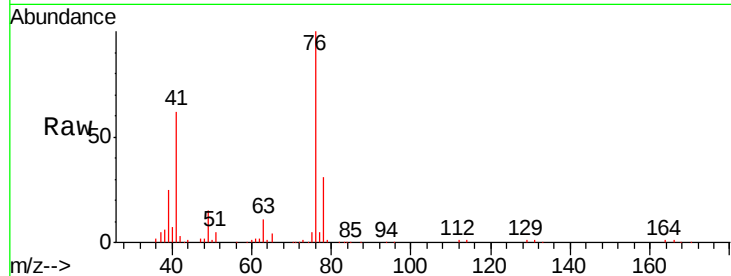
VX0924WBSD01

Tgt Ion: 76 Resp: 76313

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 97.348 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012628.D

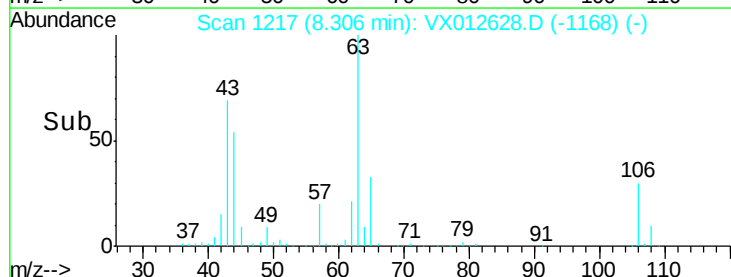
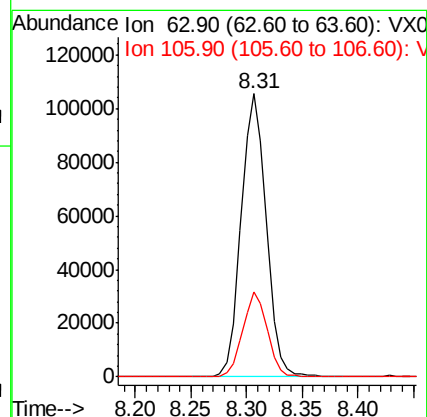
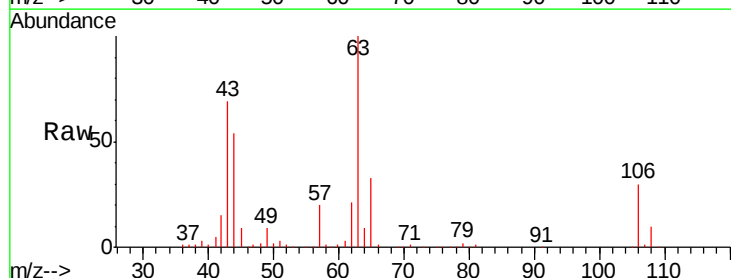
Acq: 24 Sep 2019 13:23

Tgt Ion: 63 Resp: 164944

Ion Ratio Lower Upper

63 100

106 29.3 23.8 35.6

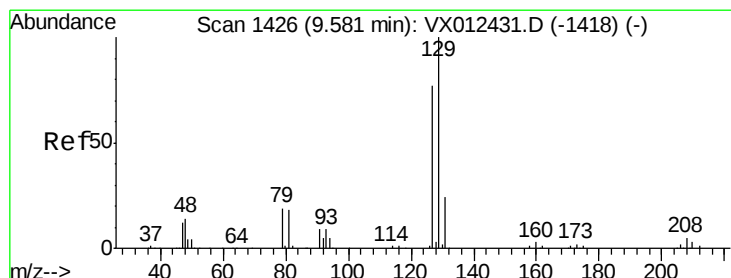
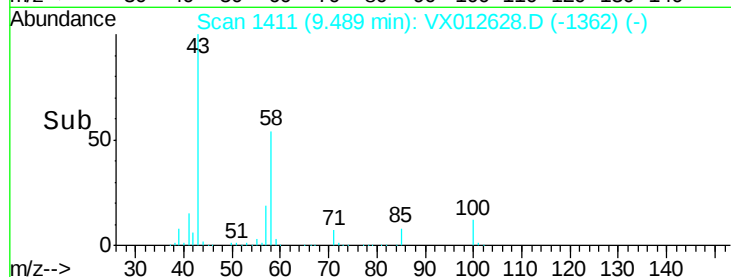
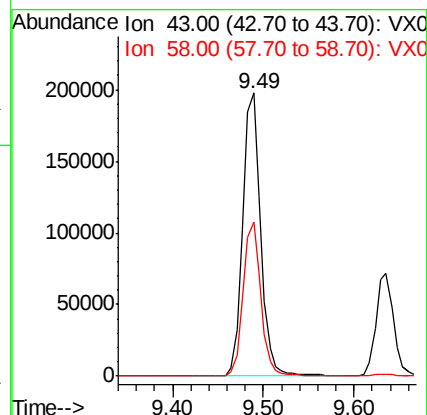
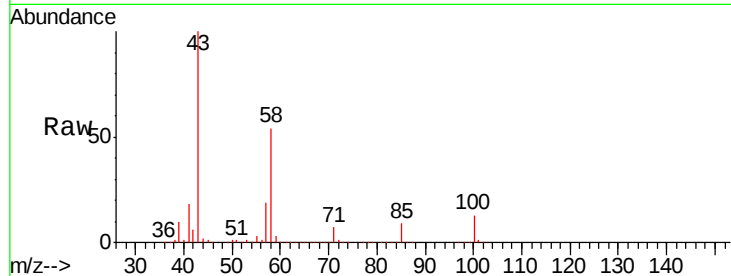




#59
2-Hexanone
Concen: 96.238 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

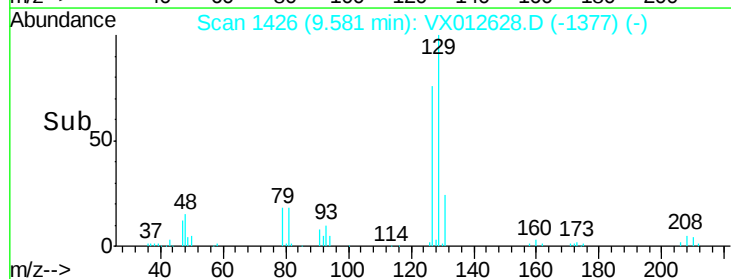
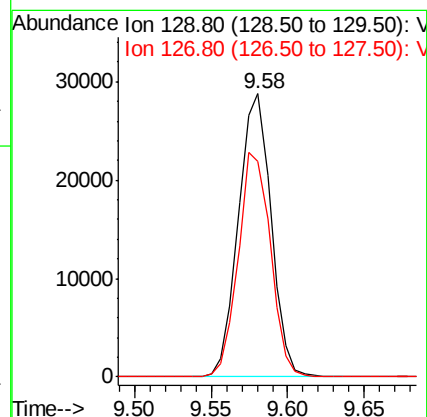
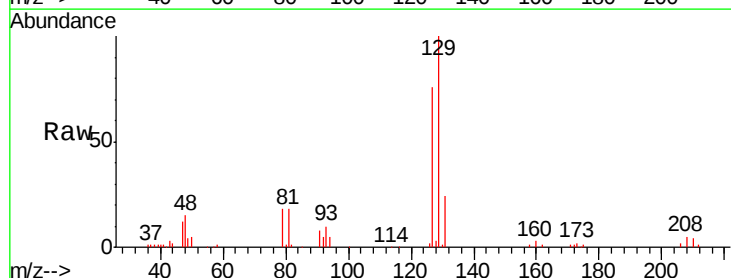
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01

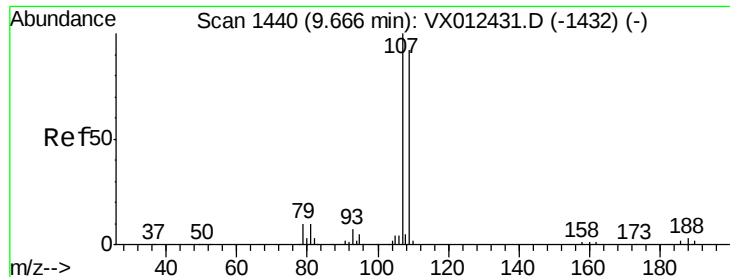
Tgt Ion: 43 Resp: 271691
Ion Ratio Lower Upper
43 100
58 54.1 25.7 77.1



#60
Dibromochloromethane
Concen: 18.725 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Tgt Ion: 129 Resp: 42589
Ion Ratio Lower Upper
129 100
127 78.6 38.9 116.6





#61

1,2-Dibromoethane

Concen: 19.761 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

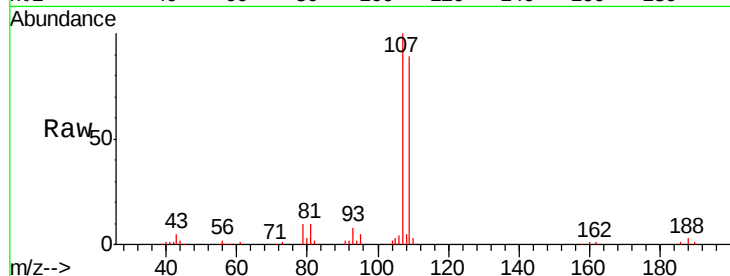
VX0924WBSD01

Tgt Ion: 107 Resp: 46208

Ion Ratio Lower Upper

107 100

109 93.5 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

40000

30000

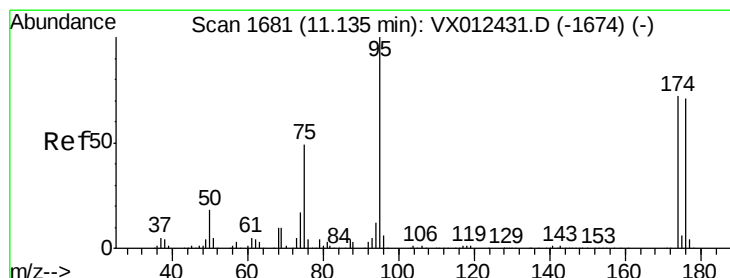
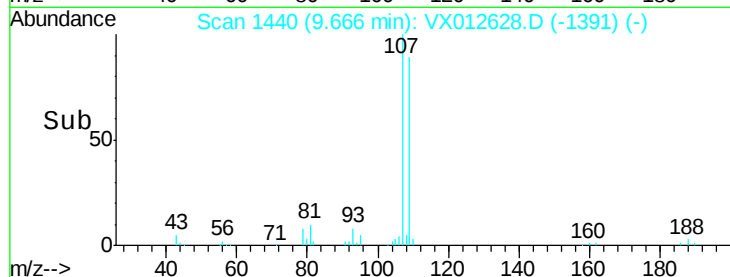
20000

10000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 50.377 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

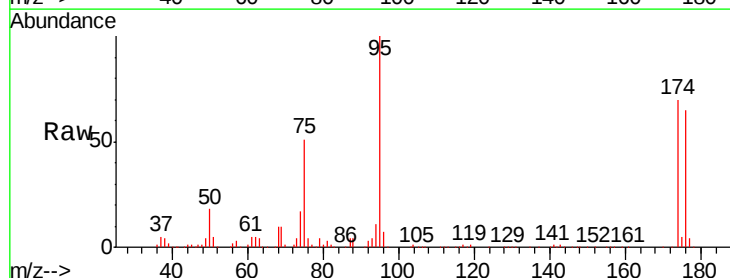
Tgt Ion: 95 Resp: 144039

Ion Ratio Lower Upper

95 100

174 67.3 0.0 140.0

176 63.7 0.0 135.4



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

150000

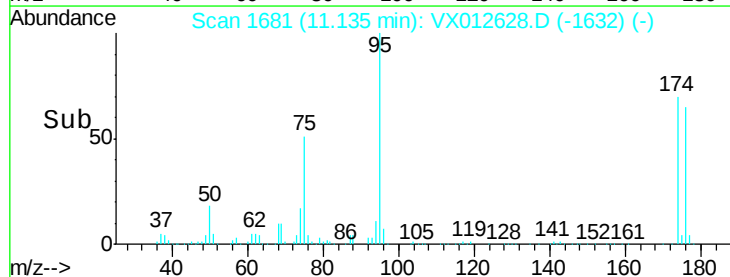
100000

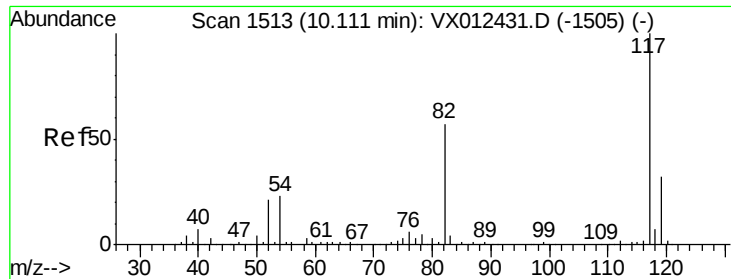
50000

0

11.10 11.14 11.20

Time-->

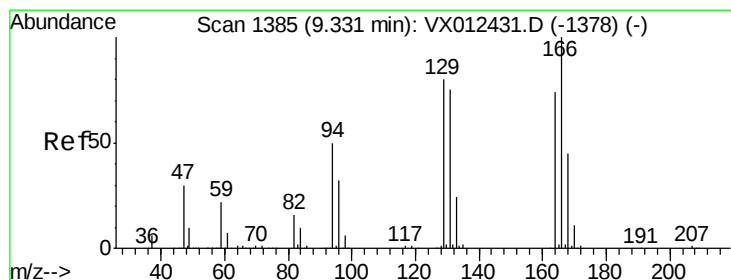
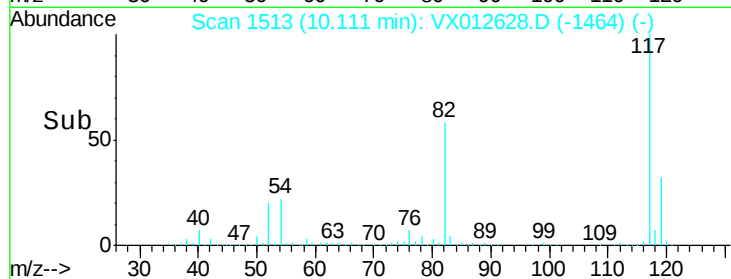
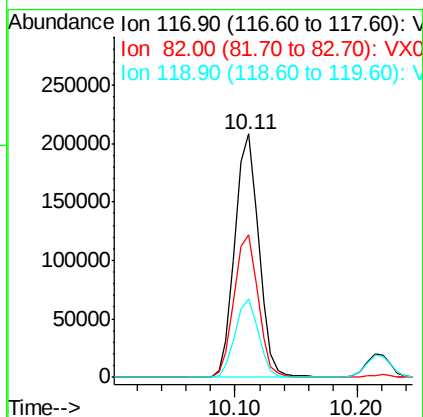
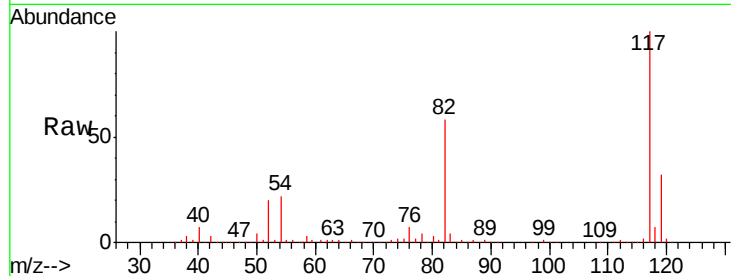




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

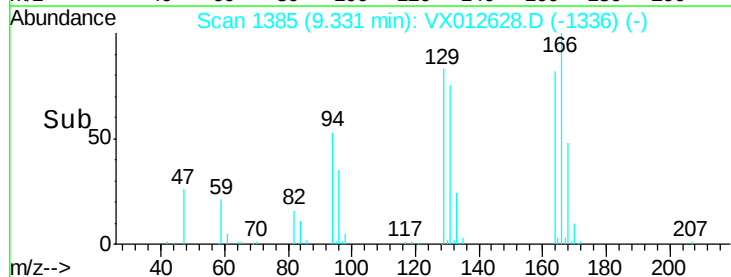
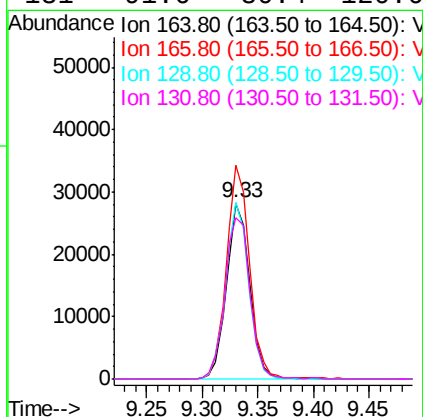
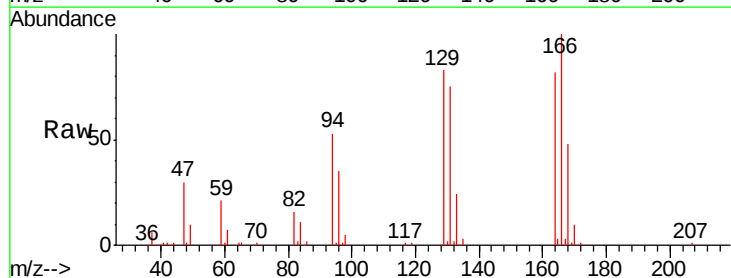
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01

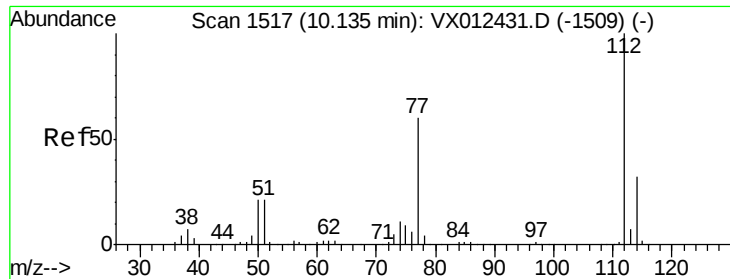
Tgt Ion:117 Resp: 281791
Ion Ratio Lower Upper
117 100
82 58.4 45.9 68.9
119 32.1 25.3 37.9



#64
Tetrachloroethene
Concen: 20.631 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Tgt Ion:164 Resp: 40533
Ion Ratio Lower Upper
164 100
166 121.6 107.8 161.6
129 100.5 86.2 129.2
131 91.6 80.4 120.6





#65

Chlorobenzene

Concen: 18.870 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

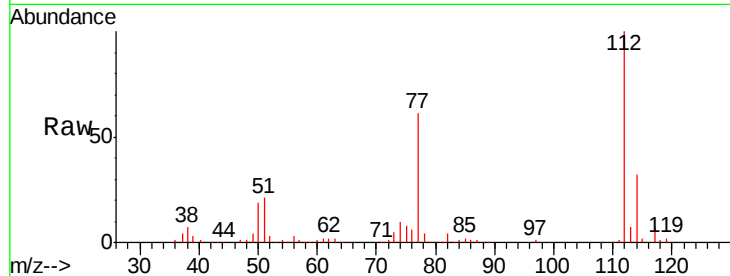
VX0924WBSD01

Tgt Ion:112 Resp: 111972

Ion Ratio Lower Upper

112 100

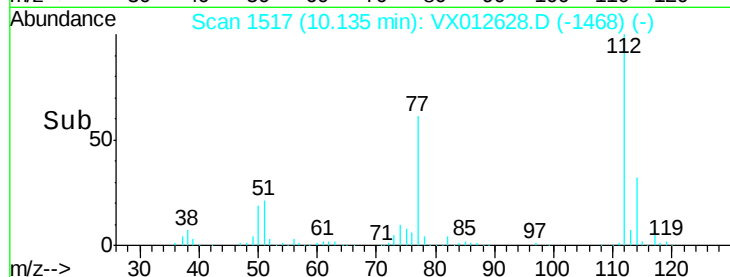
114 31.7 25.4 38.0



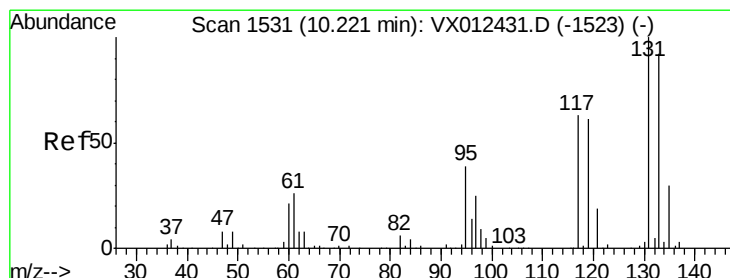
Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 18.942 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

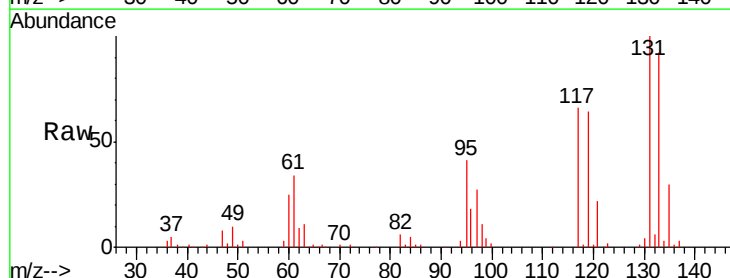
Tgt Ion:131 Resp: 40725

Ion Ratio Lower Upper

131 100

133 94.9 47.6 142.9

119 65.2 31.3 93.8

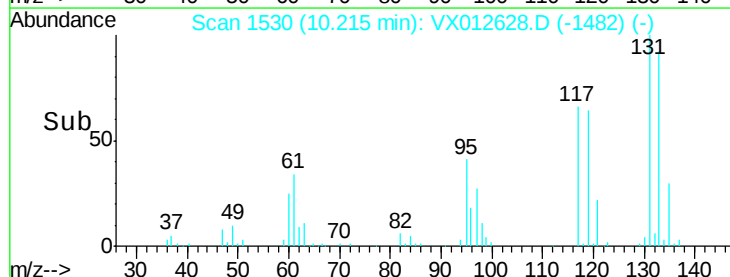


Abundance Ion 130.80 (130.50 to 131.50): V

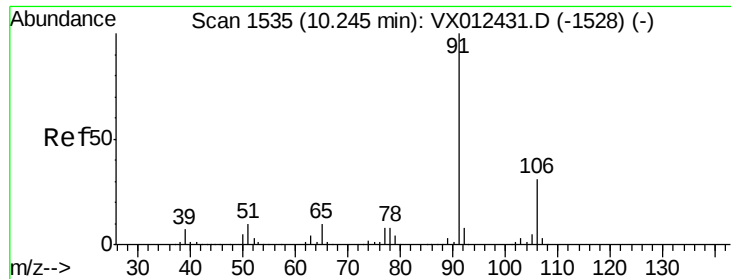
Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21



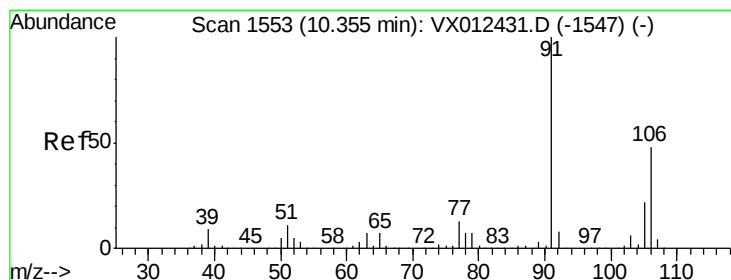
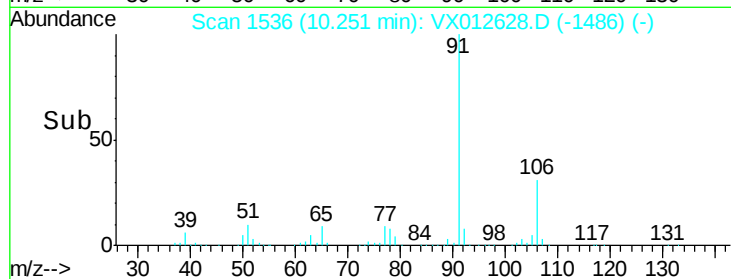
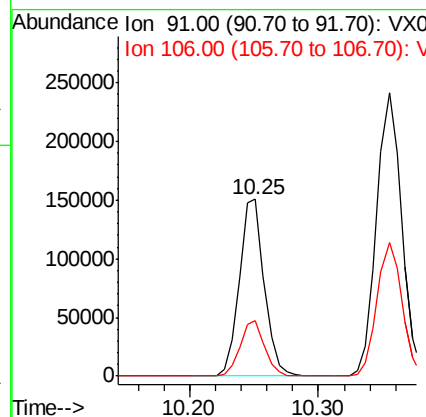
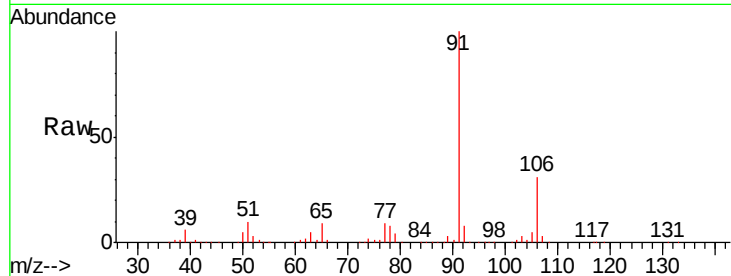
Time-->



#67
Ethyl Benzene
Concen: 18.937 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

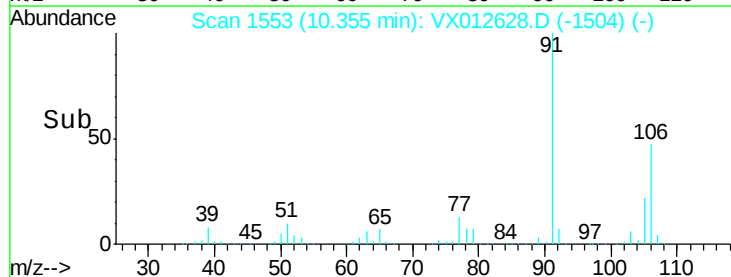
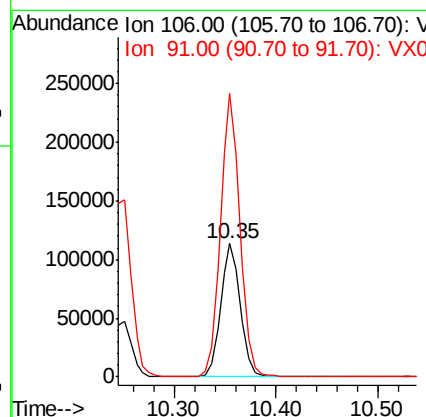
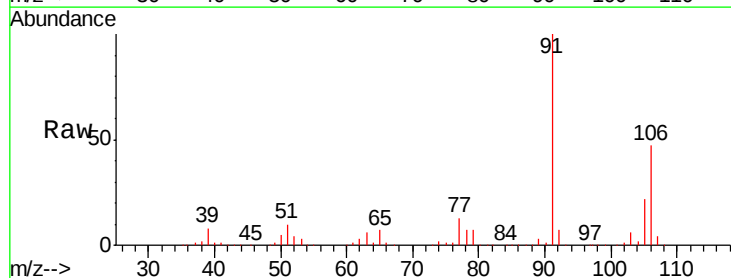
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01

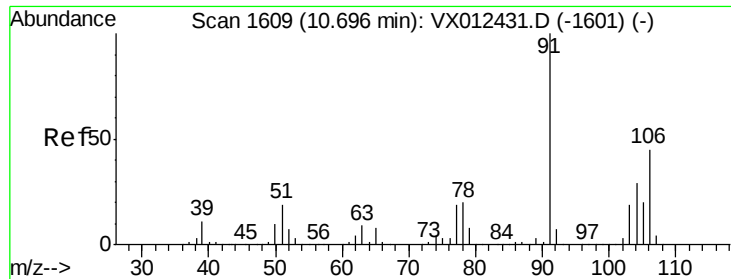
Tgt Ion: 91 Resp: 203809
Ion Ratio Lower Upper
91 100
106 31.4 24.6 37.0



#68
m/p-Xylenes
Concen: 38.077 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Tgt Ion: 106 Resp: 153514
Ion Ratio Lower Upper
106 100
91 210.6 166.6 250.0

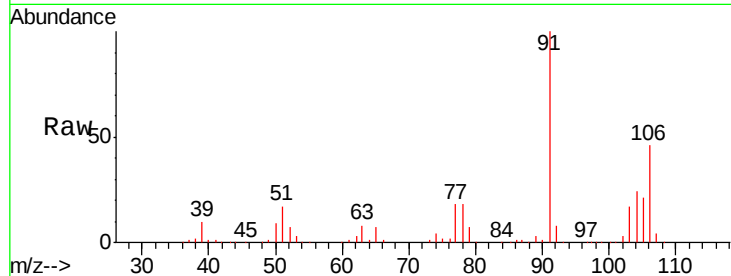




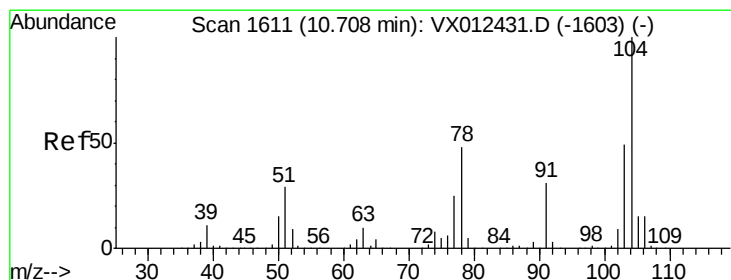
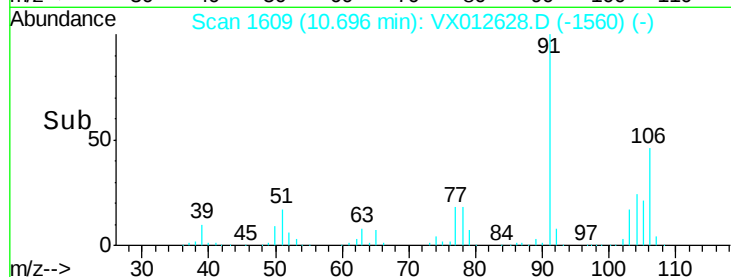
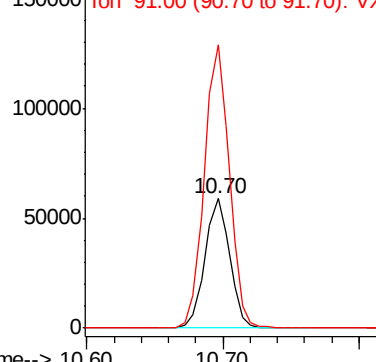
#69
o-Xylene
Concen: 19.103 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01

Tgt Ion:106 Resp: 74524
Ion Ratio Lower Upper
106 100
91 221.8 109.4 328.2

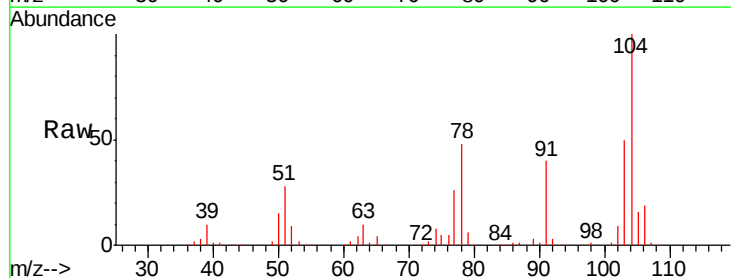


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

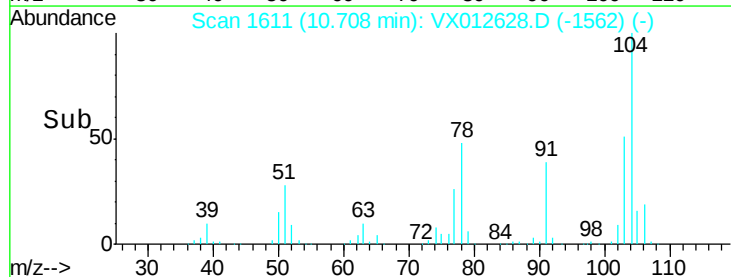
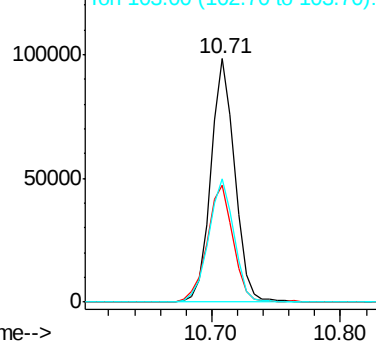


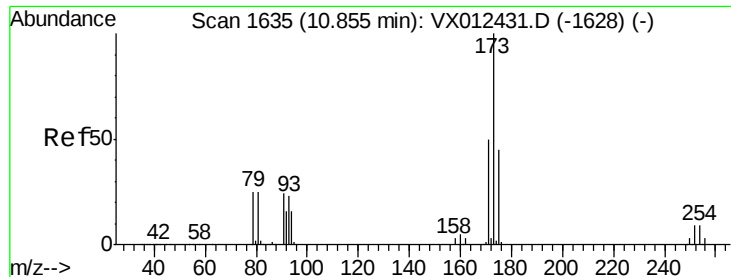
#70
Styrene
Concen: 19.227 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Tgt Ion:104 Resp: 125743
Ion Ratio Lower Upper
104 100
78 52.7 43.4 65.2
103 54.2 43.3 64.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.138 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

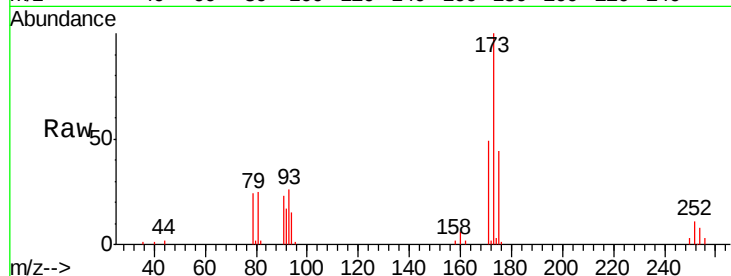
Tgt Ion:173 Resp: 27153

Ion Ratio Lower Upper

173 100

175 49.4 23.7 71.1

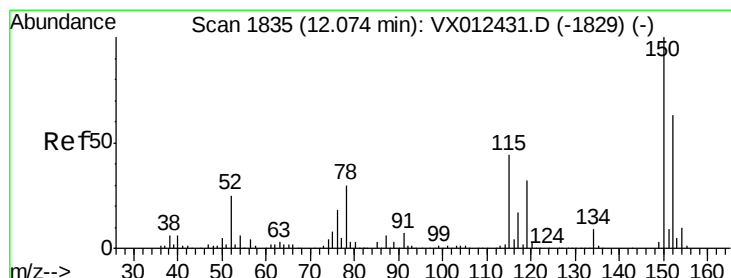
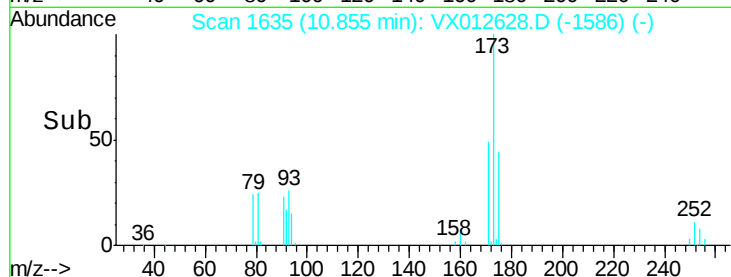
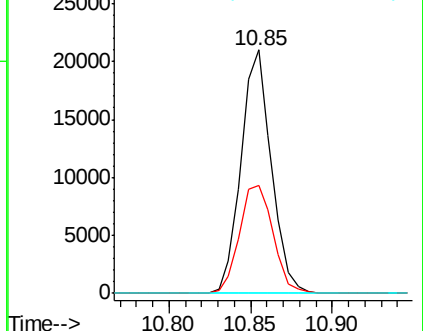
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

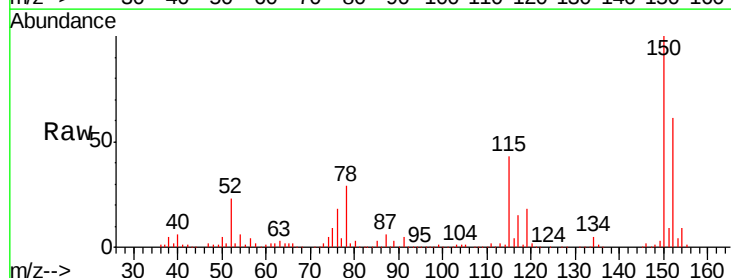
Tgt Ion:152 Resp: 124371

Ion Ratio Lower Upper

152 100

115 75.5 44.1 132.3

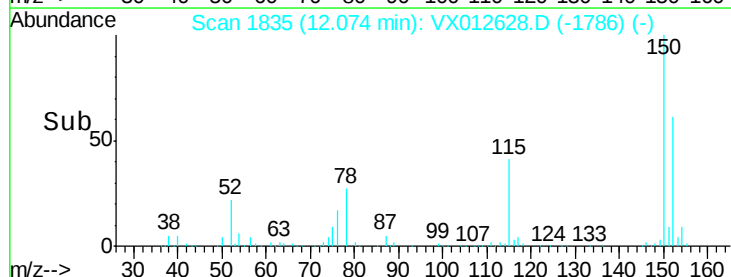
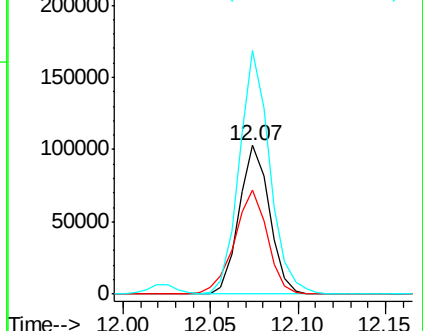
150 164.3 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.783 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

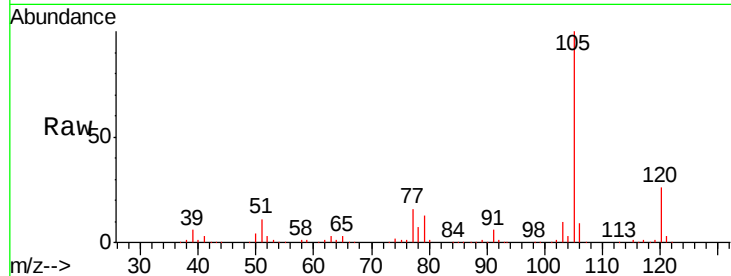
VX0924WBSD01

Tgt Ion: 105 Resp: 200393

Ion Ratio Lower Upper

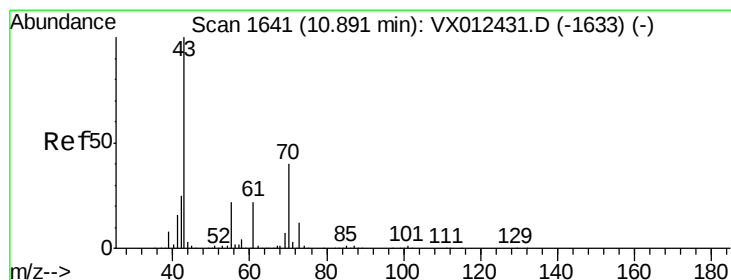
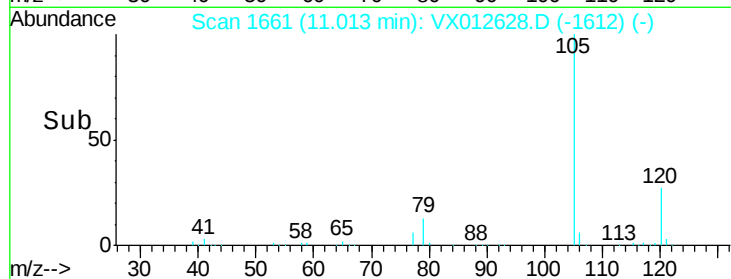
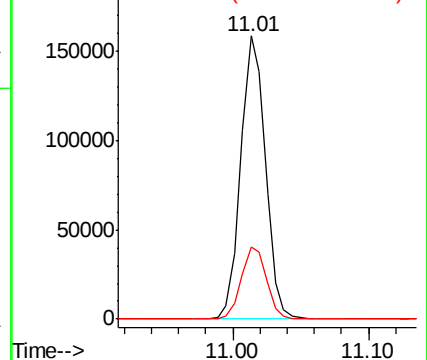
105 100

120 26.0 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.935 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Tgt Ion: 43 Resp: 91505

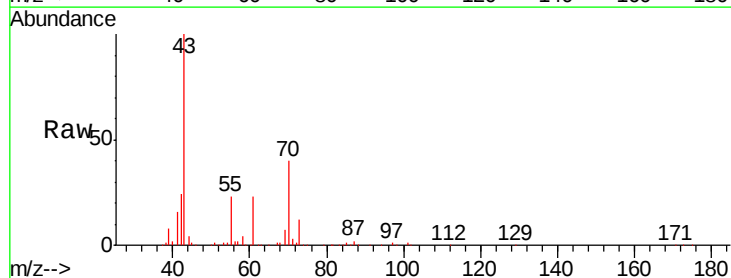
Ion Ratio Lower Upper

43 100

70 42.1 32.4 48.6

55 23.9 18.2 27.4

61 24.5 18.5 27.7

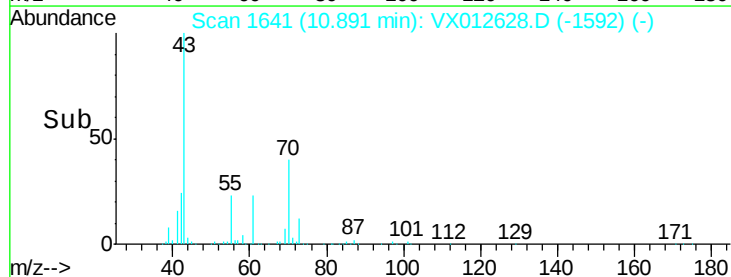
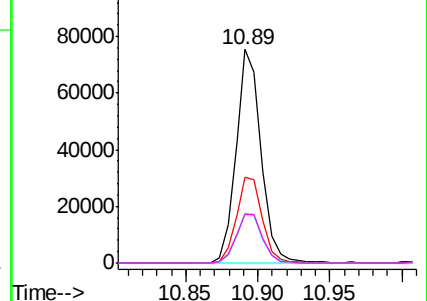


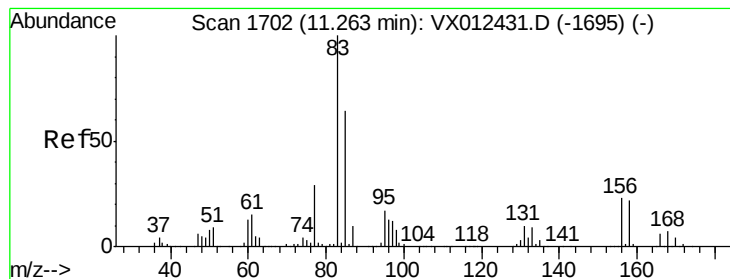
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.592 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

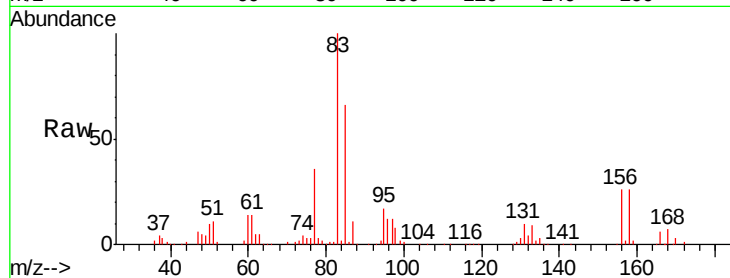
Tgt Ion: 83 Resp: 65726

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

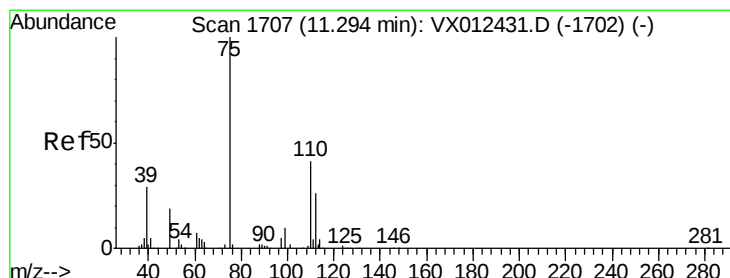
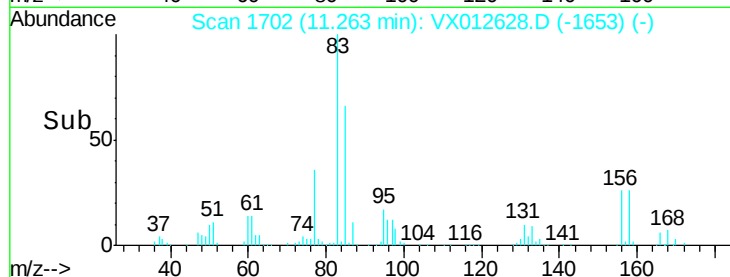
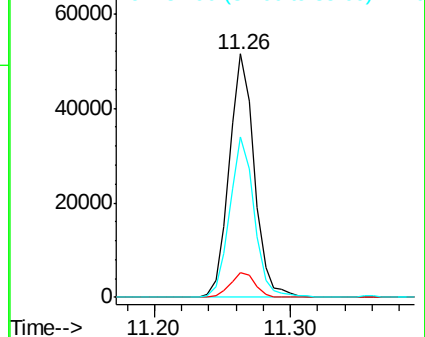
85 64.8 32.0 96.0



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: 23.478 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012628.D

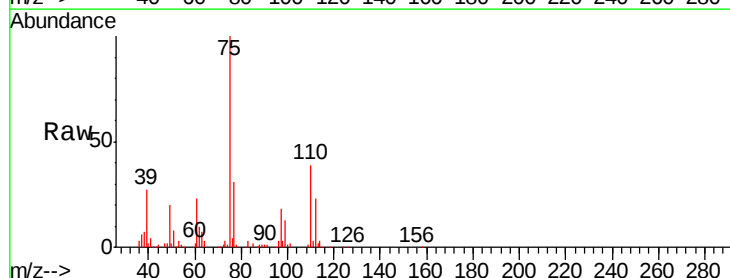
Acq: 24 Sep 2019 13:23

Tgt Ion: 75 Resp: 77242

Ion Ratio Lower Upper

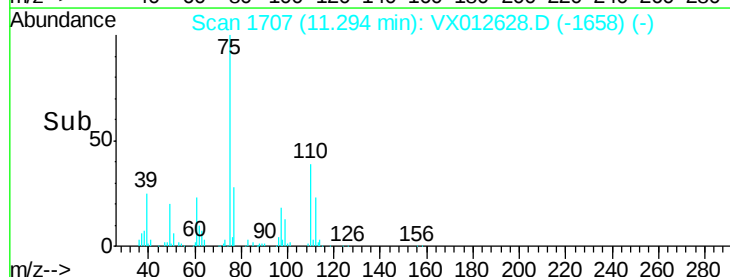
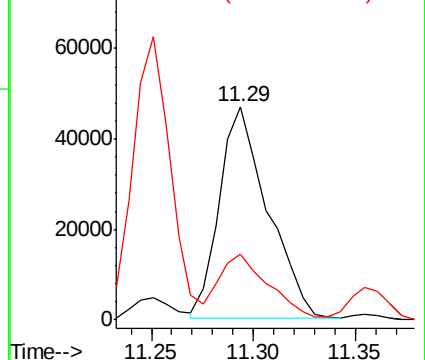
75 100

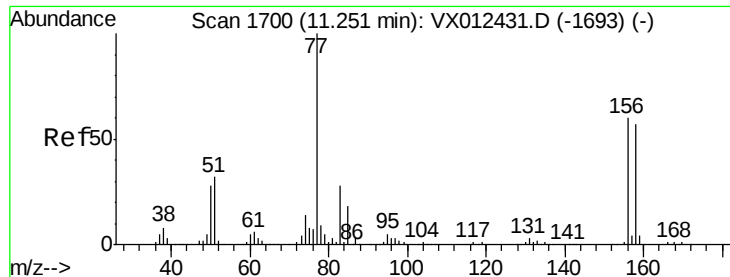
77 31.3 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.215 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampled :

VX0924WBSD01

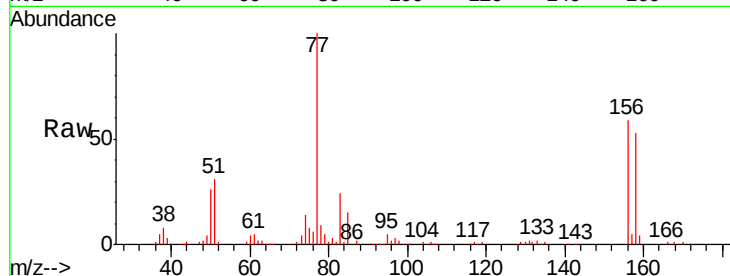
Tgt Ion:156 Resp: 46346

Ion Ratio Lower Upper

156 100

77 174.4 87.3 261.8

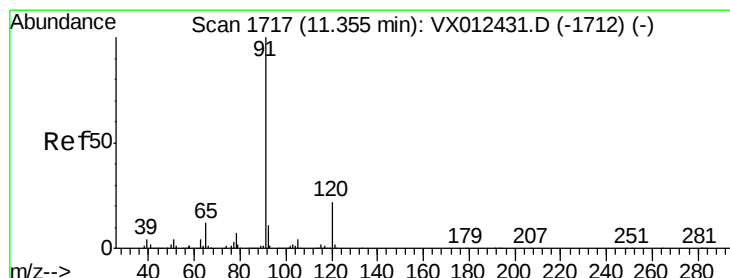
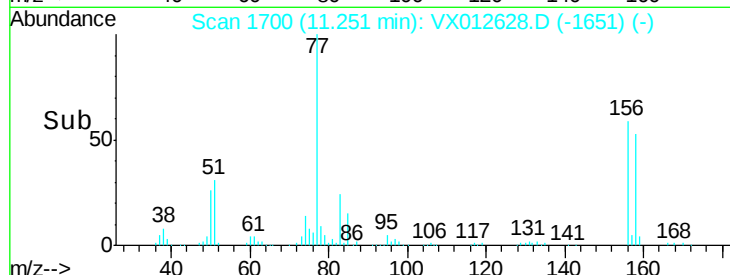
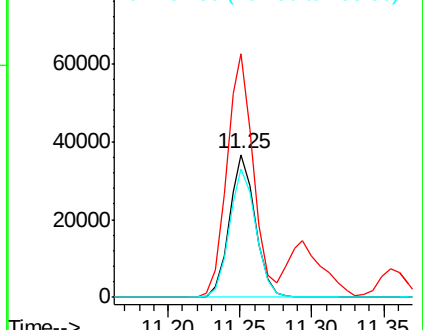
158 92.1 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.454 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012628.D

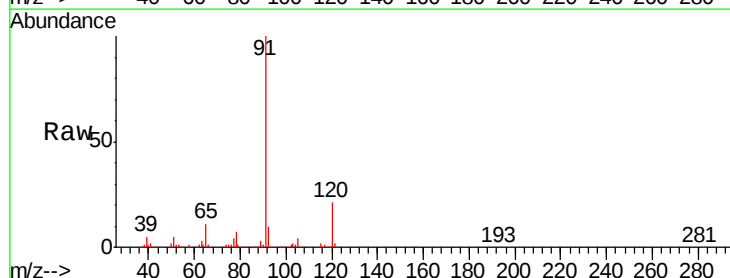
Acq: 24 Sep 2019 13:23

Tgt Ion: 91 Resp: 221860

Ion Ratio Lower Upper

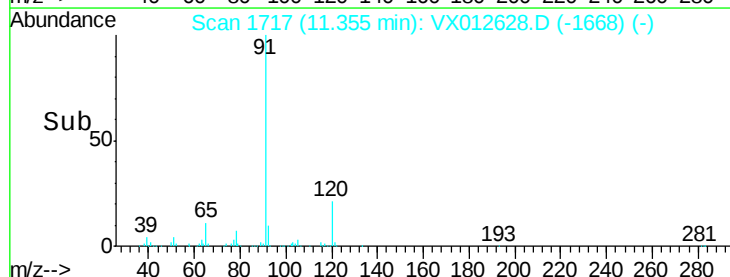
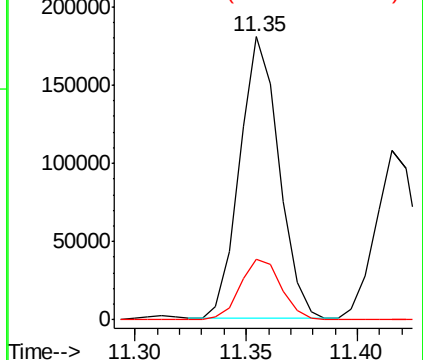
91 100

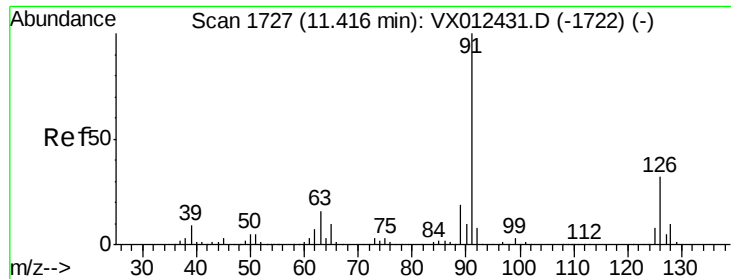
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

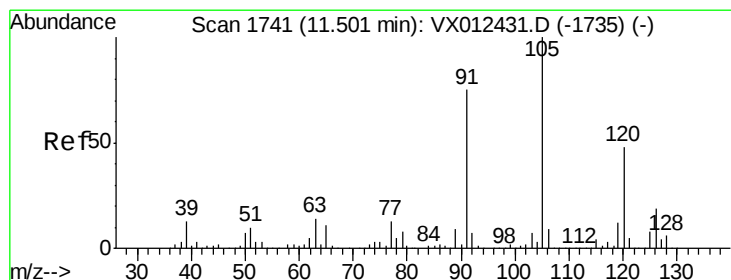
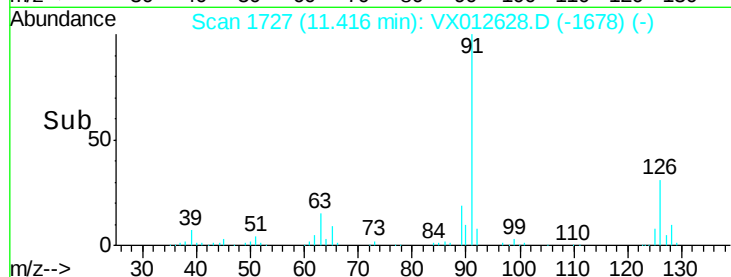
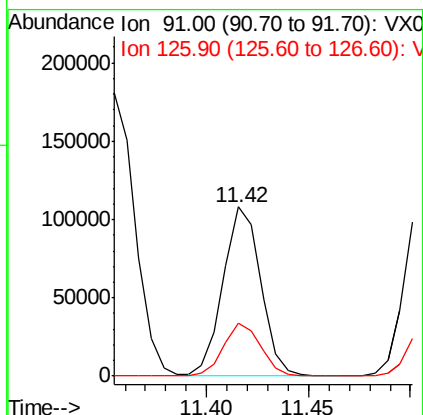
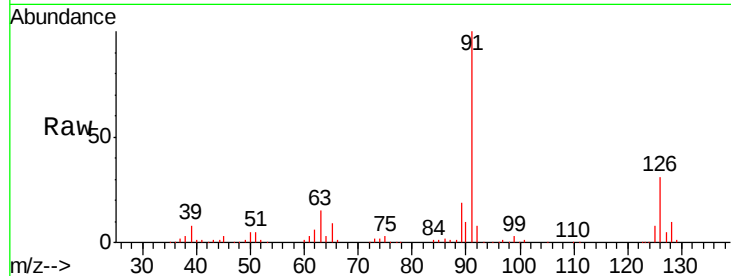




#79
 2-Chlorotoluene
 Concen: 19.313 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

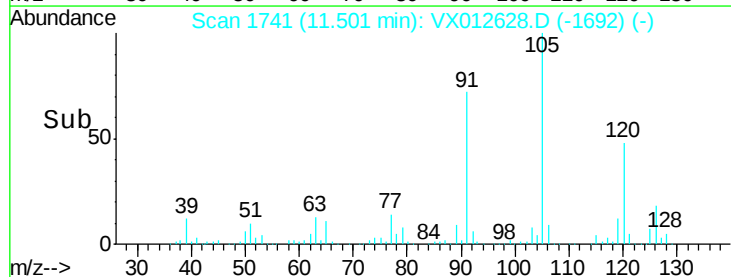
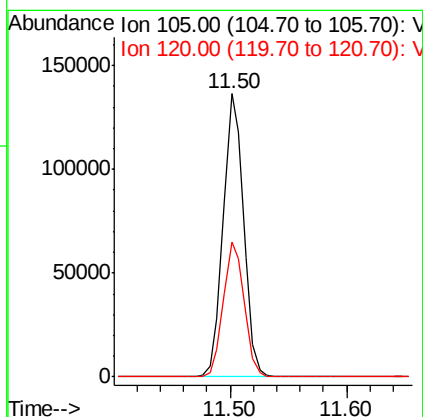
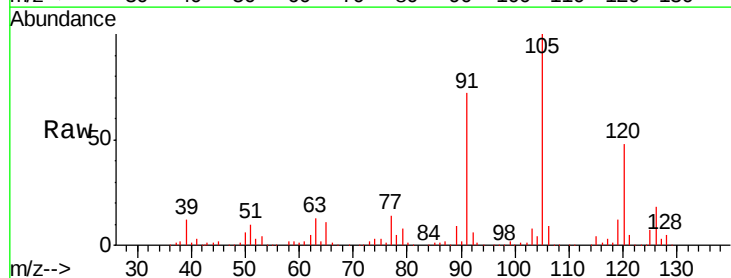
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBSD01

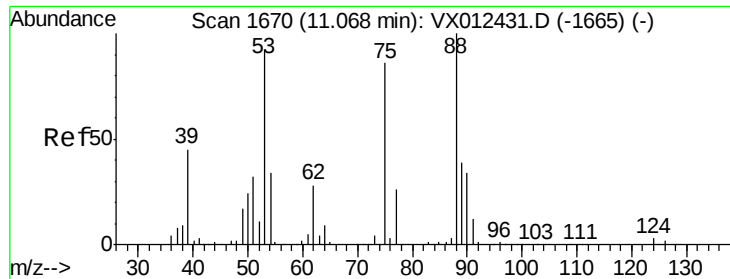
Tgt Ion: 91 Resp: 137393
 Ion Ratio Lower Upper
 91 100
 126 31.2 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 19.419 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

Tgt Ion: 105 Resp: 164957
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.985 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

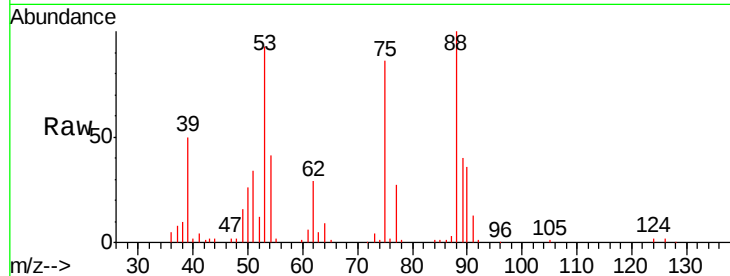
Tgt Ion: 75 Resp: 19499

Ion Ratio Lower Upper

75 100

53 108.1 83.6 125.4

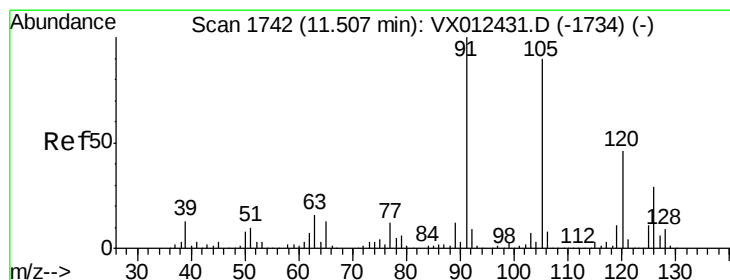
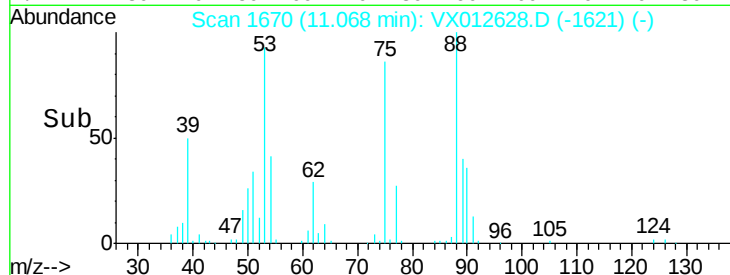
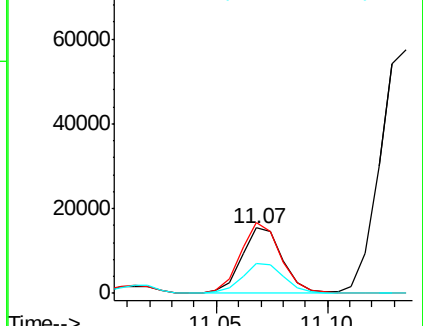
89 47.6 36.3 54.5



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: 19.366 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012628.D

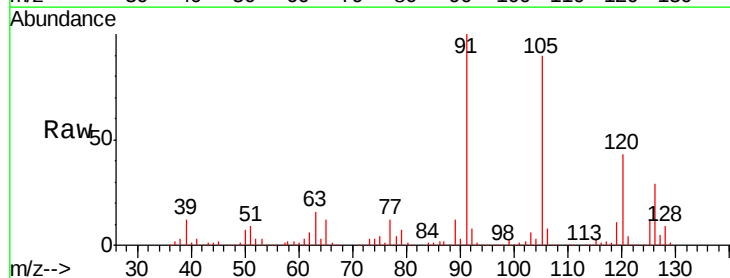
Acq: 24 Sep 2019 13:23

Tgt Ion: 91 Resp: 157053

Ion Ratio Lower Upper

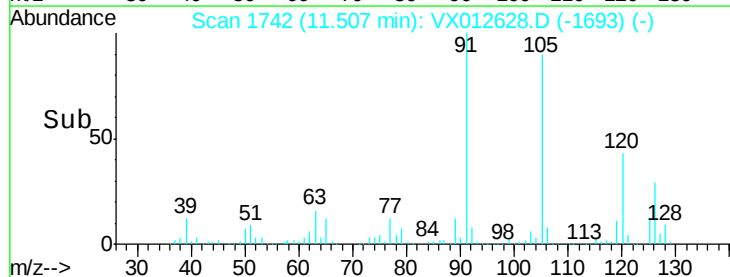
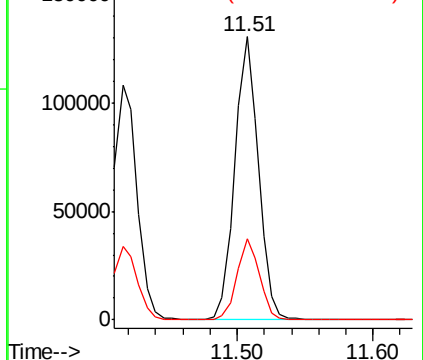
91 100

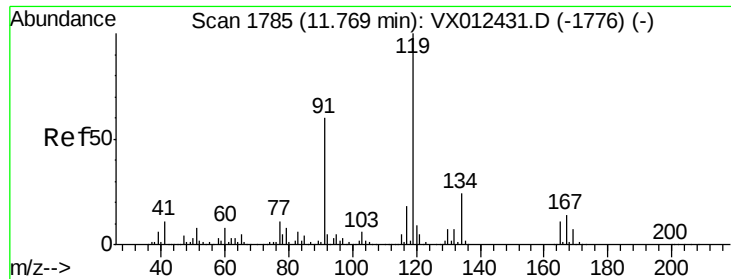
126 27.6 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

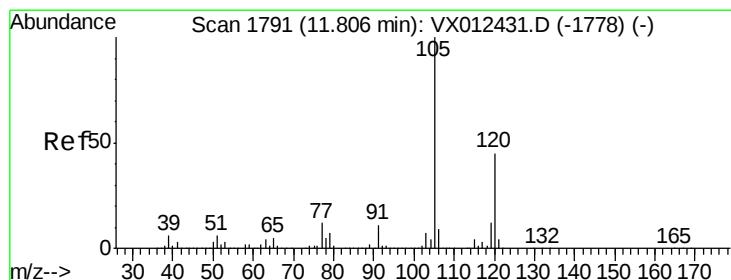
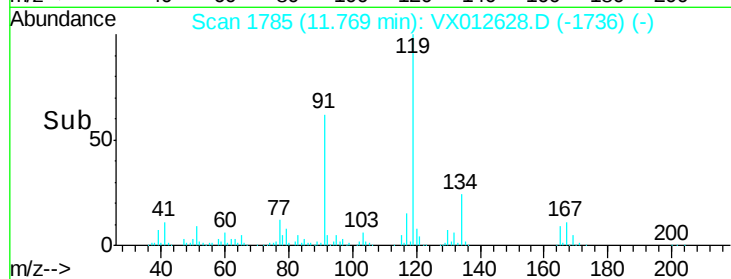
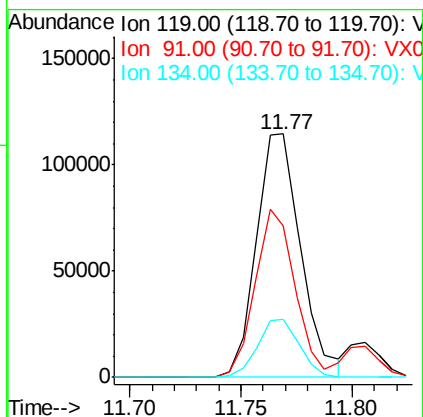
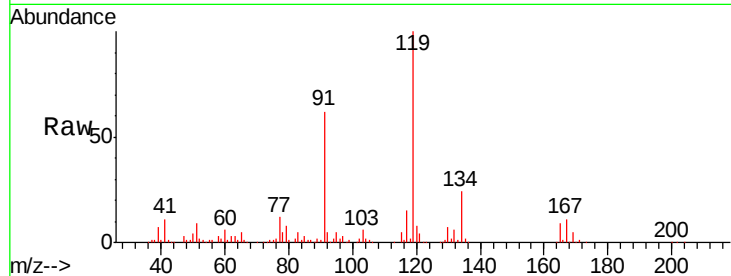




#83
 tert-Butylbenzene
 Concen: 19.442 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

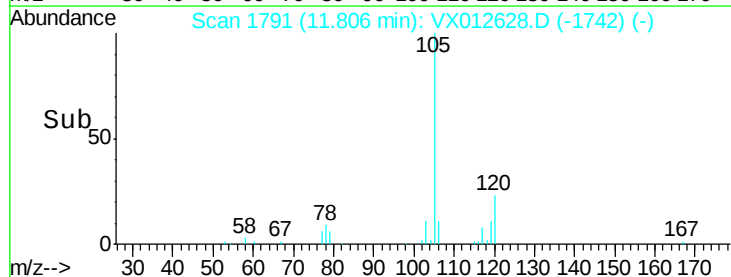
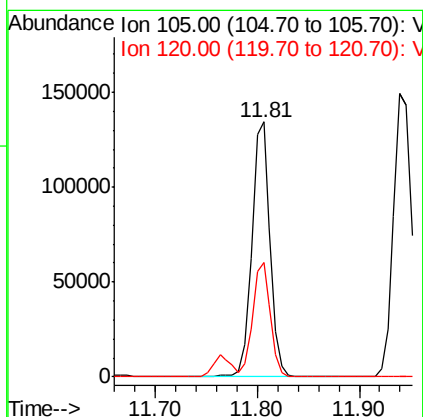
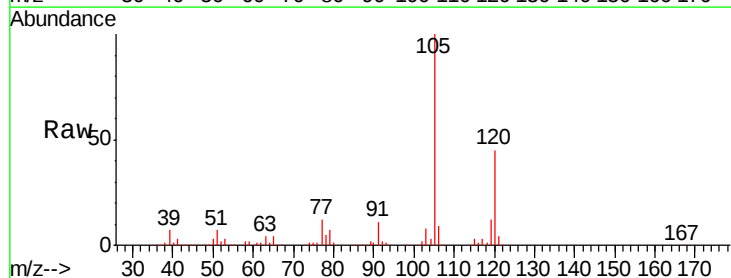
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBSD01

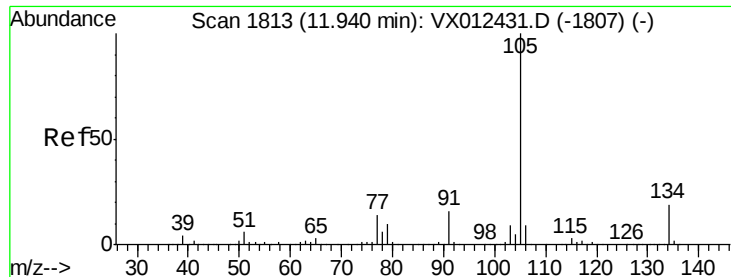
Tgt Ion	Ratio	Lower	Upper
119	100		
91	62.1	30.0	90.0
134	22.6	11.3	33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.588 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.2	66.6

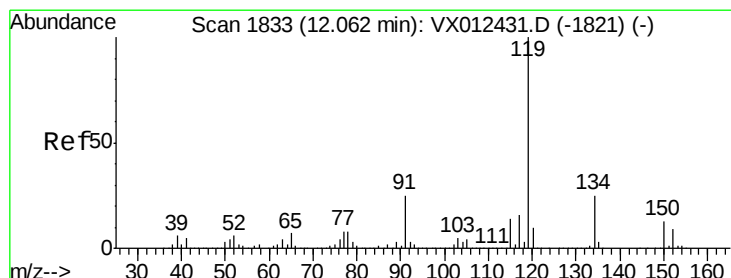
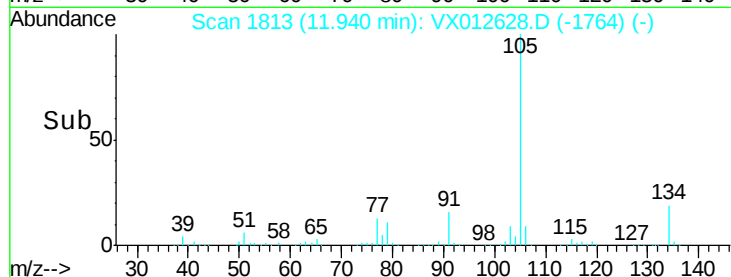
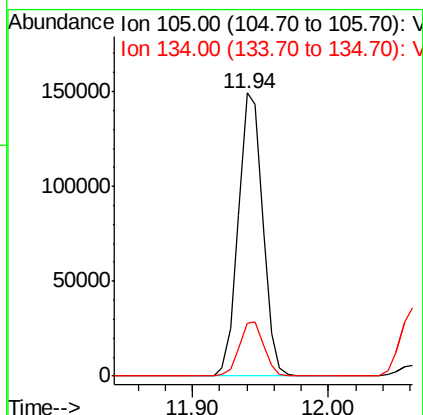
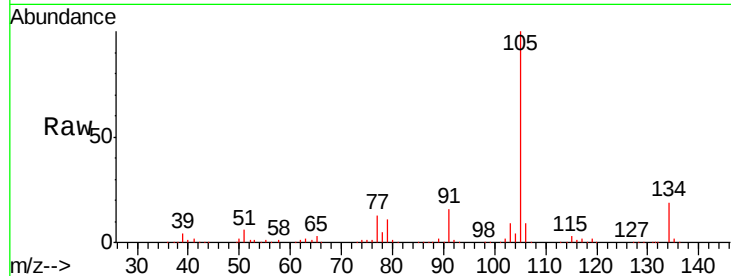




#85
 sec-Butylbenzene
 Concen: 19.550 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

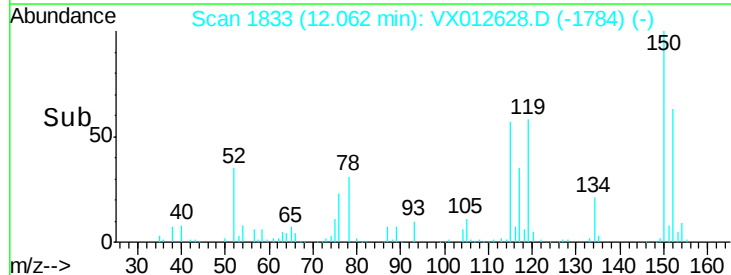
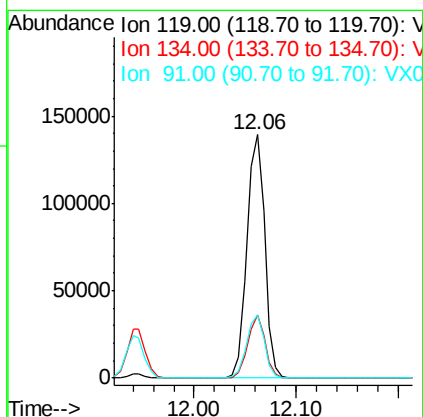
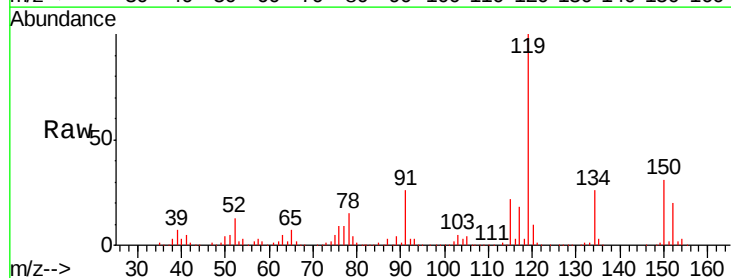
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBSD01

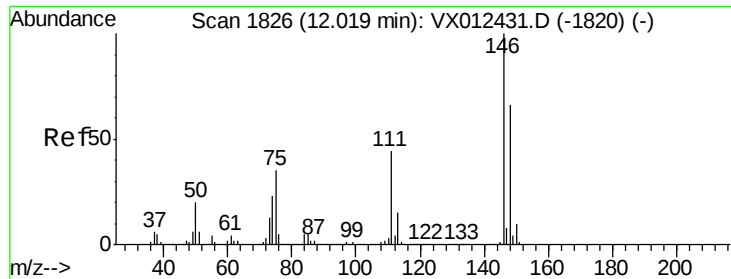
Tgt Ion:105 Resp: 186322
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 19.743 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

Tgt Ion:119 Resp: 169779
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.7 38.1
 91 25.8 12.8 38.4





#87

1,3-Dichlorobenzene

Concen: 19.756 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

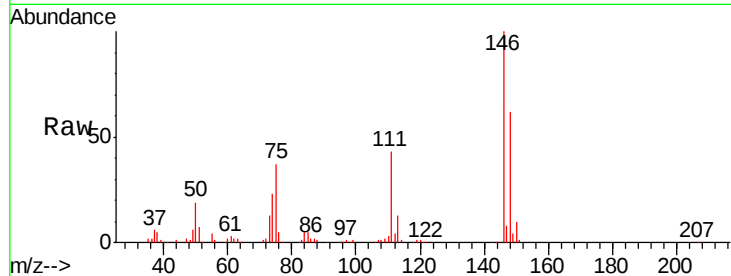
Tgt Ion:146 Resp: 81508

Ion Ratio Lower Upper

146 100

111 42.8 21.3 64.0

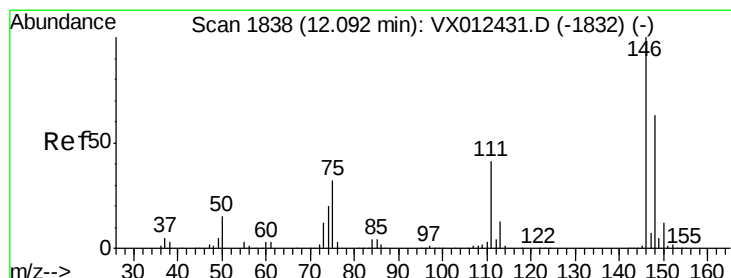
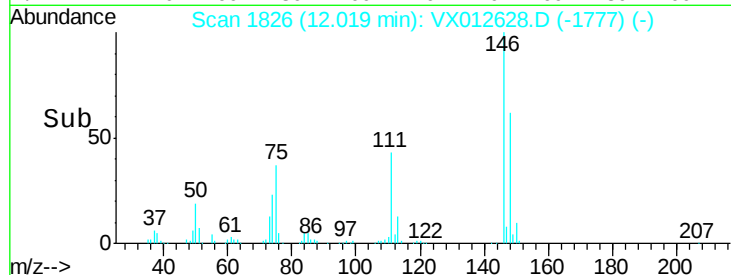
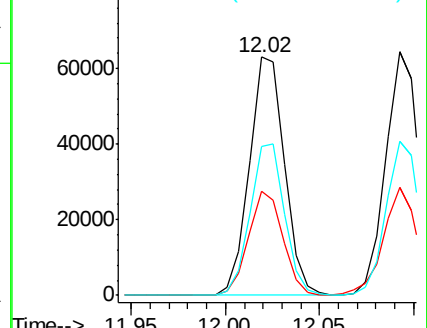
148 62.5 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.224 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

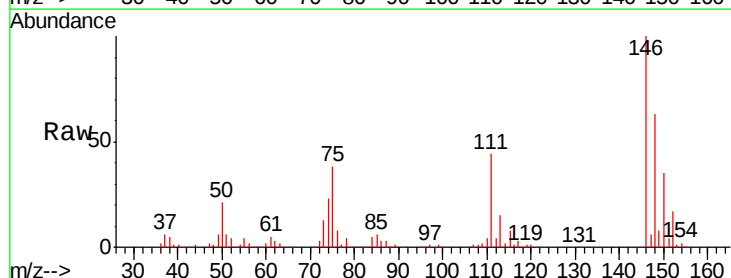
Tgt Ion:146 Resp: 80145

Ion Ratio Lower Upper

146 100

111 45.0 21.1 63.3

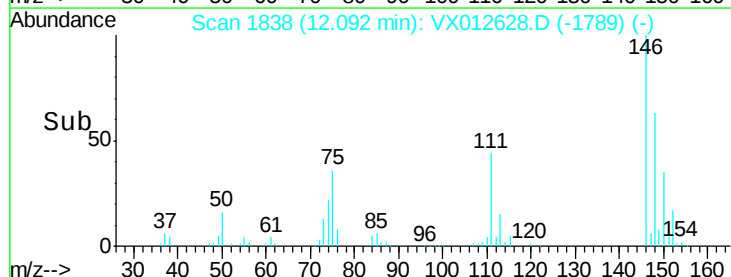
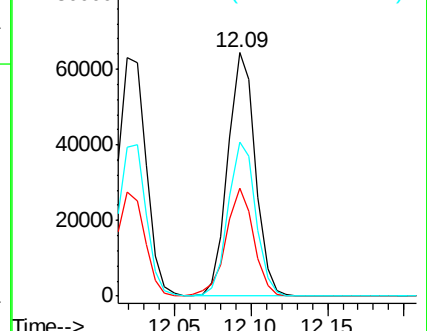
148 63.6 32.1 96.5

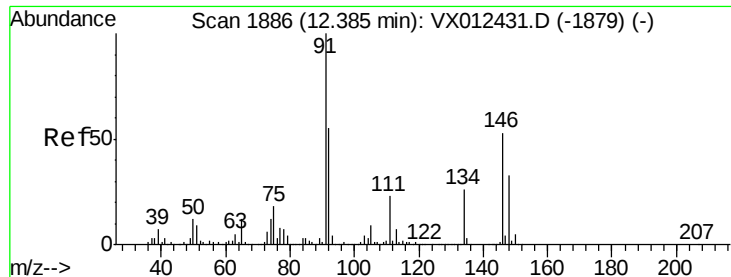


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.697 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

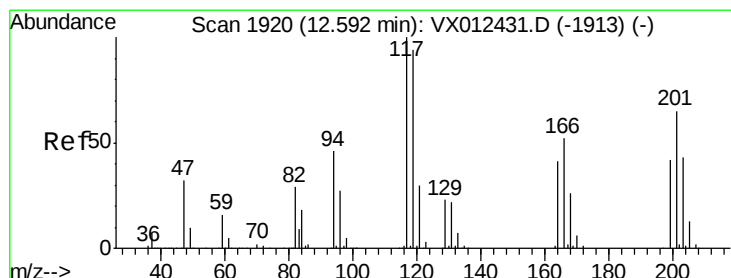
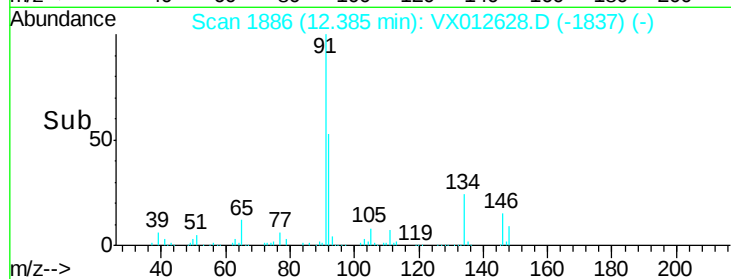
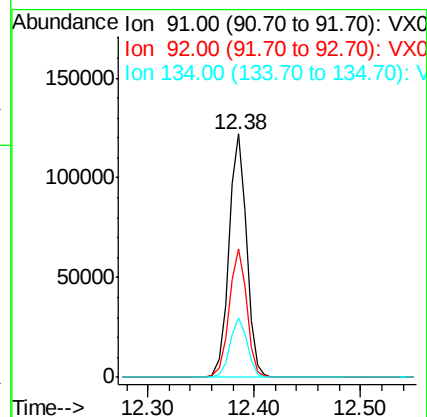
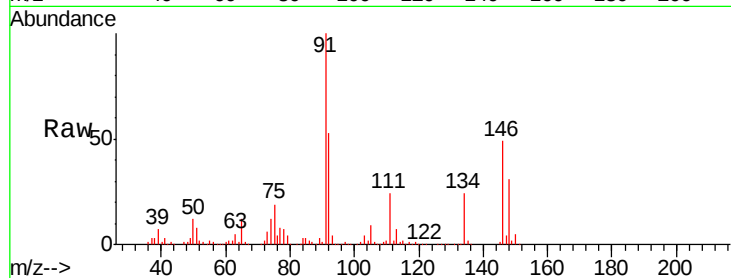
Tgt Ion: 91 Resp: 141683

Ion Ratio Lower Upper

91 100

92 52.6 27.7 83.0

134 24.0 12.9 38.6



#90

Hexachloroethane

Concen: 17.611 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012628.D

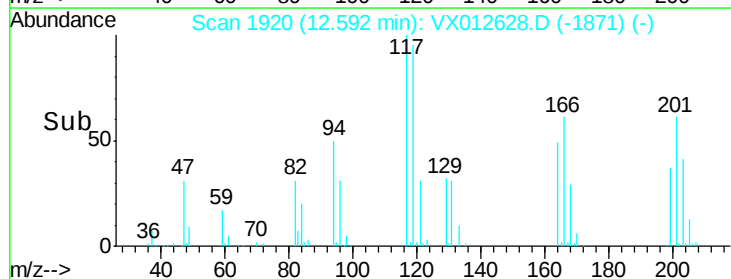
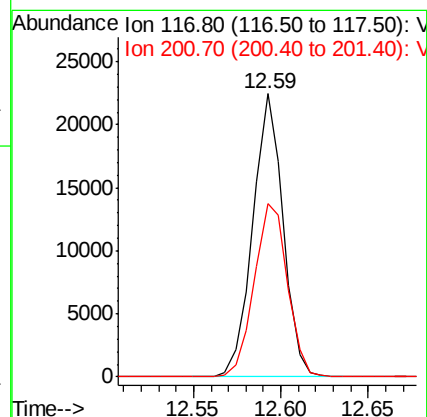
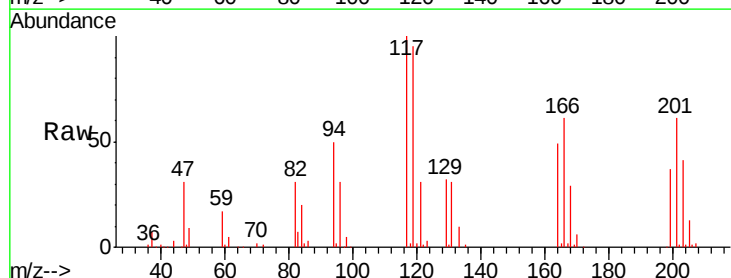
Acq: 24 Sep 2019 13:23

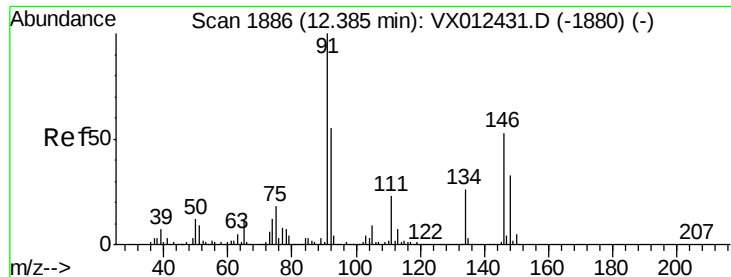
Tgt Ion: 117 Resp: 27000

Ion Ratio Lower Upper

117 100

201 67.3 33.3 99.8

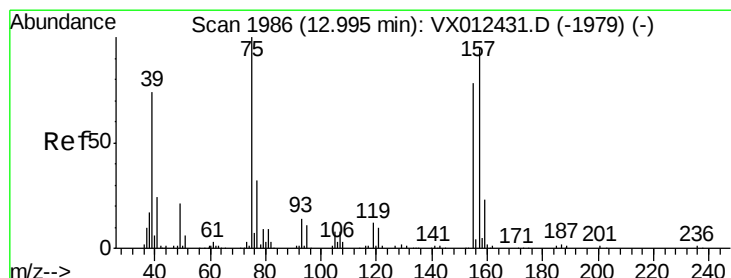
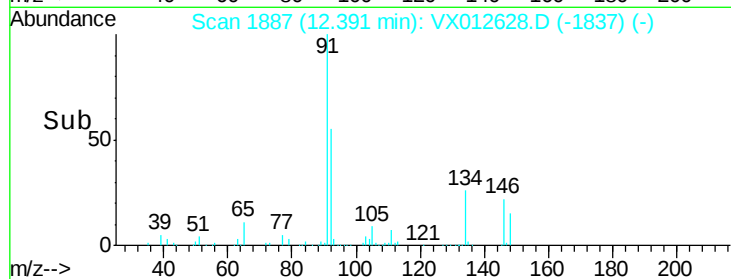
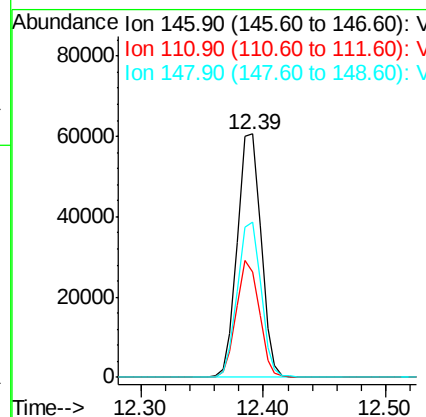
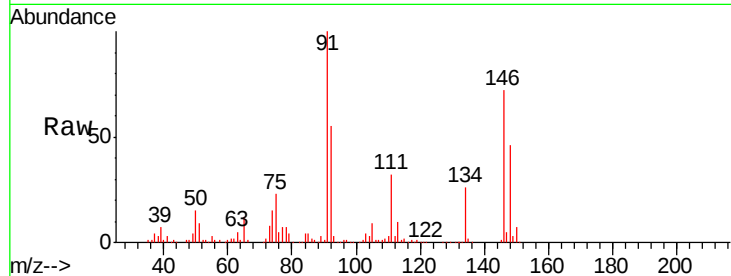




#91
 1,2-Dichlorobenzene
 Concen: 19.648 ug/l
 RT: 12.39 min Scan# 1887
 Delta R.T. 0.01 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

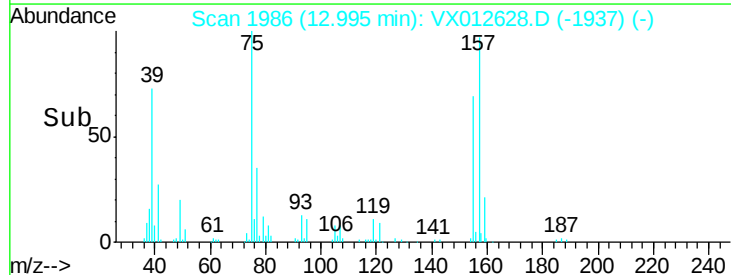
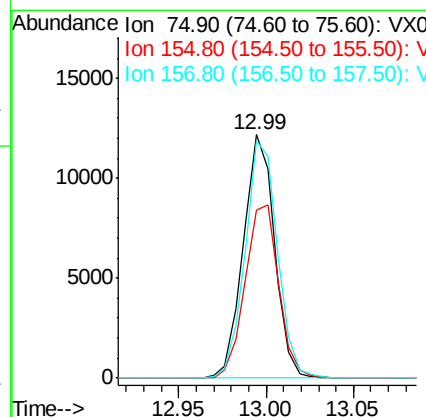
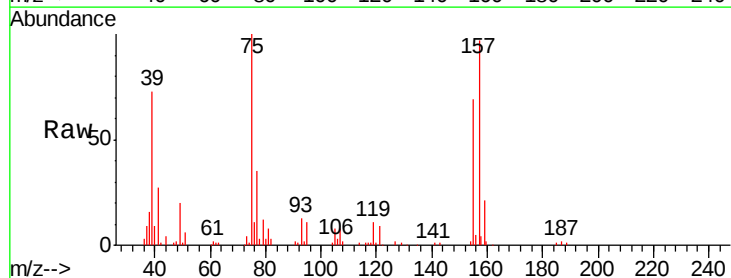
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBSD01

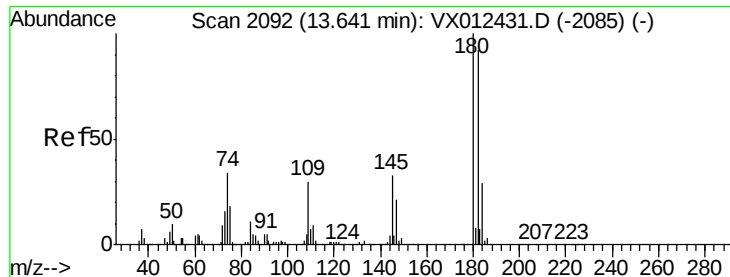
Tgt Ion:146 Resp: 81159
 Ion Ratio Lower Upper
 146 100
 111 46.1 22.1 66.1
 148 63.5 31.3 93.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.000 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

Tgt Ion: 75 Resp: 15105
 Ion Ratio Lower Upper
 75 100
 155 76.6 38.6 115.8
 157 101.1 50.6 151.9

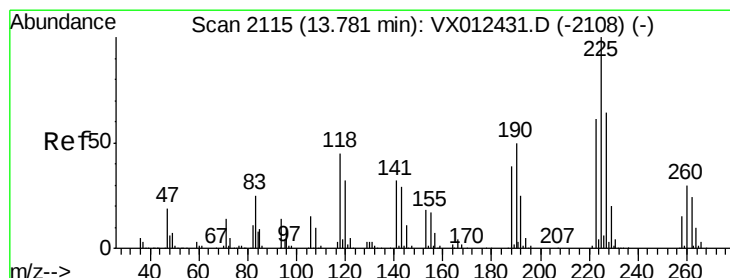
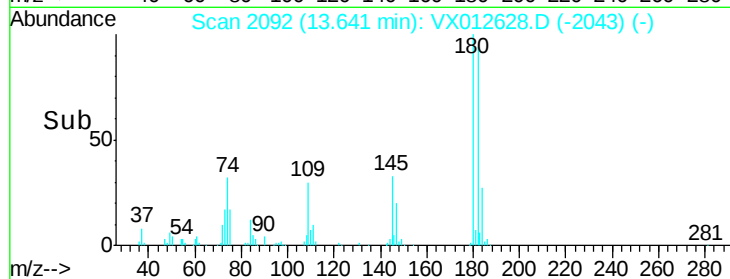
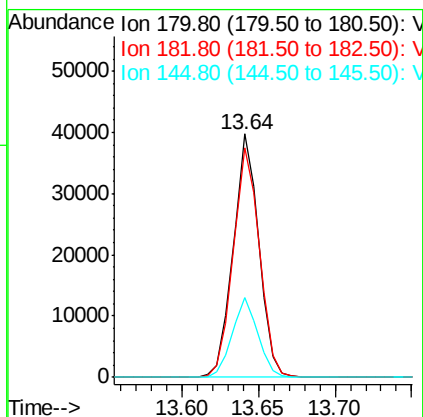
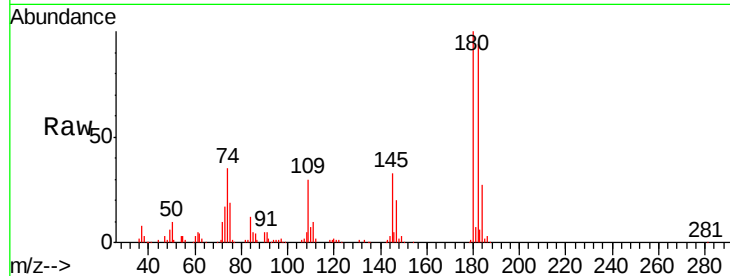




#93
 1,2,4-Trichlorobenzene
 Concen: 18.325 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

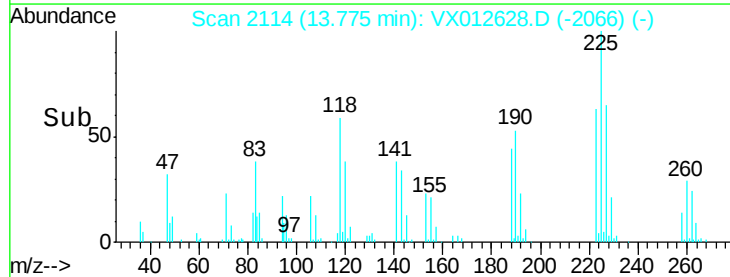
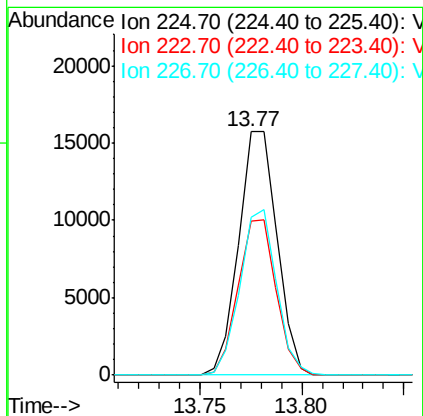
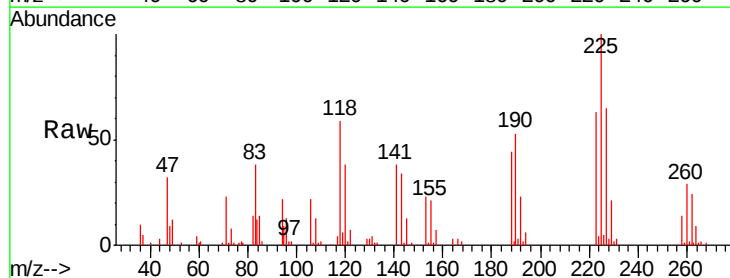
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBSD01

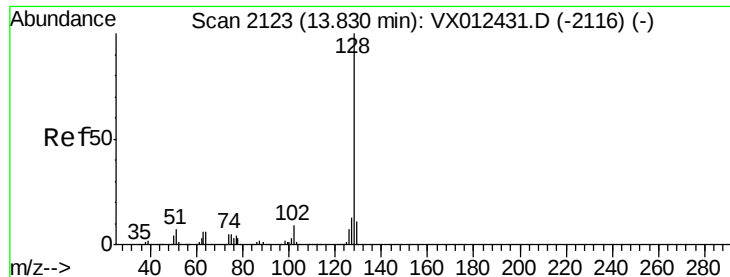
Tgt Ion:180 Resp: 46160
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.0 141.0
 145 32.9 16.8 50.4



#94
 Hexachlorobutadiene
 Concen: 18.985 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

Tgt Ion:225 Resp: 20574
 Ion Ratio Lower Upper
 225 100
 223 63.0 32.0 96.2
 227 64.9 31.9 95.5

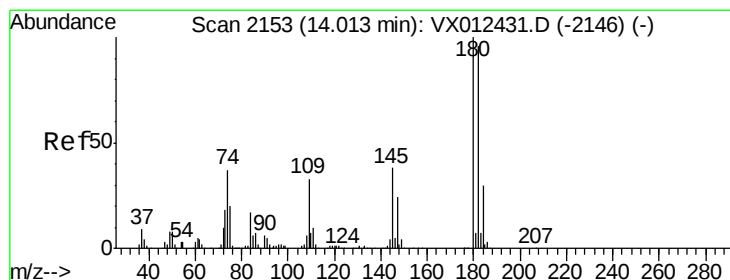
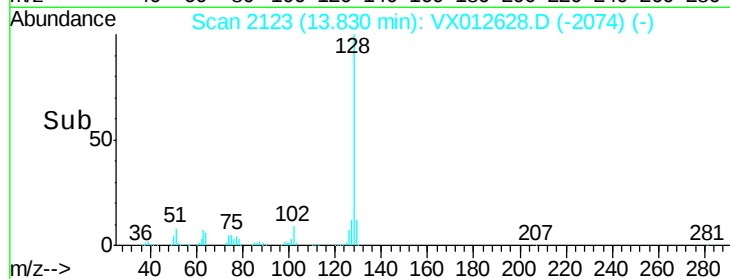
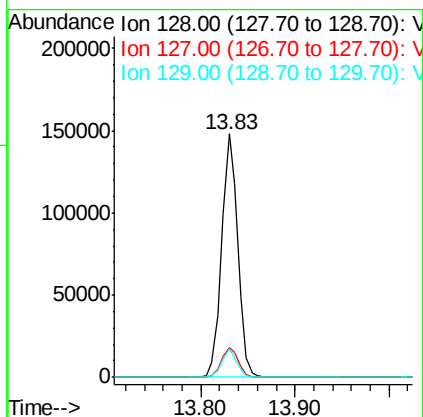
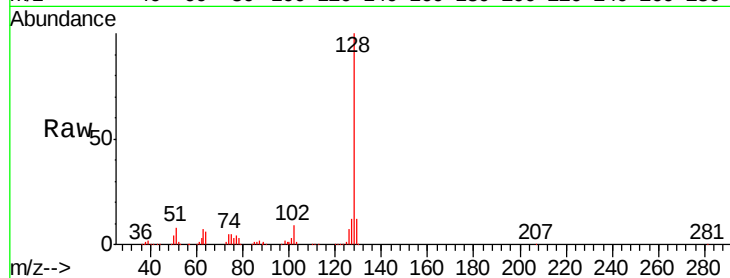




#95
Naphthalene
Concen: 19.200 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01

Tgt Ion:128 Resp: 174983
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.761 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Tgt Ion:180 Resp: 47340
Ion Ratio Lower Upper
180 100
182 96.3 47.1 141.3
145 36.8 18.0 54.0

