

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042920\
 Data File : VX015971.D
 Acq On : 29 Apr 2020 12:56
 Operator : JC/SP
 Sample : VX0429WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 30 05:33:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	271941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	435490	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	402575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201907	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	171197	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
35) Dibromofluoromethane	5.46	113	126455	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
50) Toluene-d8	8.70	98	482822	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
62) 4-Bromofluorobenzene	11.12	95	183937	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	49468	20.328	ug/l	94
3) Chloromethane	1.31	50	57308	19.432	ug/l	98
4) Vinyl Chloride	1.39	62	64186	19.164	ug/l	99
5) Bromomethane	1.63	94	46054	20.482	ug/l	97
6) Chloroethane	1.71	64	40703	18.270	ug/l	98
7) Trichlorofluoromethane	1.92	101	96070	18.977	ug/l	98
8) Diethyl Ether	2.17	74	38517	18.225	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48659	19.283	ug/l	99
10) Methyl Iodide	2.49	142	64348	18.280	ug/l	99
11) Tert butyl alcohol	3.01	59	79814	92.476	ug/l	100
12) 1,1-Dichloroethene	2.36	96	48906	18.797	ug/l	98
13) Acrolein	2.27	56	20500	94.514	ug/l	100
14) Allyl chloride	2.71	41	90498	19.289	ug/l	99
15) Acrylonitrile	3.11	53	158746	92.763	ug/l	98
16) Acetone	2.42	43	144644	95.135	ug/l	98
17) Carbon Disulfide	2.55	76	146312	19.118	ug/l	99
18) Methyl Acetate	2.75	43	80714	18.708	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	181064	19.241	ug/l	100
20) Methylene Chloride	2.83	84	56032	18.616	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	53485	18.240	ug/l	97
22) Diisopropyl ether	3.82	45	179352	19.445	ug/l	93
23) Vinyl Acetate	3.78	43	776221	96.877	ug/l	98
24) 1,1-Dichloroethane	3.67	63	99672	19.398	ug/l	100
25) 2-Butanone	4.63	43	229881	93.304	ug/l	99
26) 2,2-Dichloropropane	4.55	77	88813	18.904	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	60913	18.306	ug/l	97
28) Bromochloromethane	4.98	49	49141	19.764	ug/l	98
29) Tetrahydrofuran	5.09	42	149576	92.636	ug/l	99
30) Chloroform	5.17	83	100742	18.855	ug/l	99
31) Cyclohexane	5.55	56	89370	19.537	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	93146	18.934	ug/l	99
36) 1,1-Dichloropropene	5.77	75	74891	18.056	ug/l	100
37) Ethyl Acetate	4.79	43	88713	18.652	ug/l	99
38) Carbon Tetrachloride	5.76	117	82797	18.899	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	92113	19.199	ug/l	97
40) Benzene	6.11	78	221479	18.714	ug/l	100
41) Methacrylonitrile	5.00	41	48312	18.977	ug/l	97
42) 1,2-Dichloroethane	6.16	62	86919	18.955	ug/l	100
43) Isopropyl Acetate	6.41	43	145806	18.513	ug/l	100
44) Trichloroethene	7.19	130	84485	19.805	ug/l	100
45) 1,2-Dichloropropane	7.49	63	57196	18.700	ug/l	97
46) Dibromomethane	7.63	93	40931	18.833	ug/l	99
47) Bromodichloromethane	7.87	83	80806	18.710	ug/l	100
48) Methyl methacrylate	7.74	41	67937	18.683	ug/l	99
49) 1,4-Dioxane	7.71	88	31669	370.204	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	444896	93.128	ug/l	100
52) Toluene	8.76	92	142639	18.987	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	94024	18.348	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	98462	18.682	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	54953	18.305	ug/l	98
56) Ethyl methacrylate	9.16	69	90889	18.619	ug/l	100
57) 1,3-Dichloropropane	9.35	76	97683	18.937	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	230246	91.273	ug/l	100
59) 2-Hexanone	9.47	43	346311	92.759	ug/l	99
60) Dibromochloromethane	9.57	129	62430	18.579	ug/l	99
61) 1,2-Dibromoethane	9.65	107	59861	18.388	ug/l	97
64) Tetrachloroethene	9.32	164	92818	19.435	ug/l	97
65) Chlorobenzene	10.12	112	153208	18.685	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	58339	18.825	ug/l	99
67) Ethyl Benzene	10.24	91	271058	18.563	ug/l	99
68) m/p-Xylenes	10.34	106	205256	37.045	ug/l	100
69) o-Xylene	10.68	106	98759	18.773	ug/l	98
70) Styrene	10.70	104	165051	18.285	ug/l	100
71) Bromoform	10.84	173	44694	17.660	ug/l #	99
73) Isopropylbenzene	11.00	105	265116	19.302	ug/l	100
74) N-amyl acetate	10.88	43	125419	18.933	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	42779	16.125	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	107334	25.334	ug/l	82
77) Bromobenzene	11.24	156	67303	19.036	ug/l	99
78) n-propylbenzene	11.34	91	305601	19.341	ug/l	99
79) 2-Chlorotoluene	11.40	91	180794	19.204	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	225077	19.453	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	33071	18.446	ug/l	99
82) 4-Chlorotoluene	11.49	91	214173	19.021	ug/l	100
83) tert-Butylbenzene	11.76	119	193298	19.376	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	227929	19.574	ug/l	99
85) sec-Butylbenzene	11.93	105	262328	19.517	ug/l	100
86) p-Isopropyltoluene	12.05	119	239940	19.058	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	123156	19.101	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	121781	18.689	ug/l	98
89) n-Butylbenzene	12.37	91	214306	18.839	ug/l	100
90) Hexachloroethane	12.58	117	42588	19.145	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	115750	18.774	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19729	17.398	ug/l	99

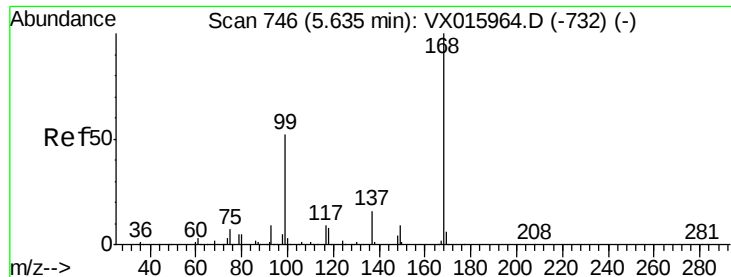
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Quant Title : SW846 8260
QLast Update : Tue Apr 28 17:30:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	84488	18.258	ug/l	100
94) Hexachlorobutadiene	13.77	225	38880	18.805	ug/l	98
95) Naphthalene	13.82	128	273053	18.709	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	83182	18.668	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

Instrument :

MSVOA_X

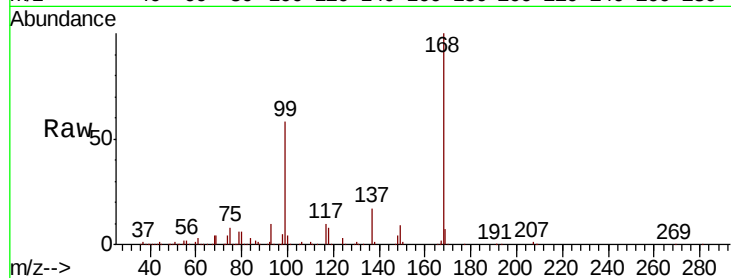
ClientSampleId :

Tot Ion:168 Resp: 271941

Ion Ratio Lower Upper

168 100

99 57.8 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

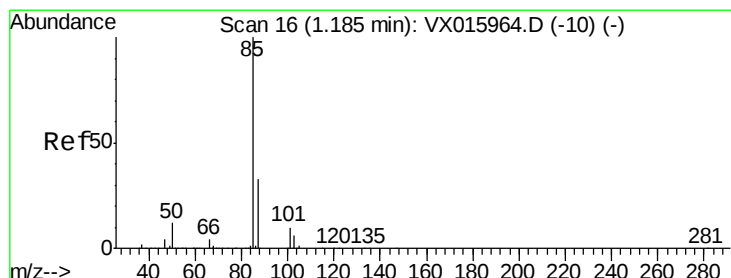
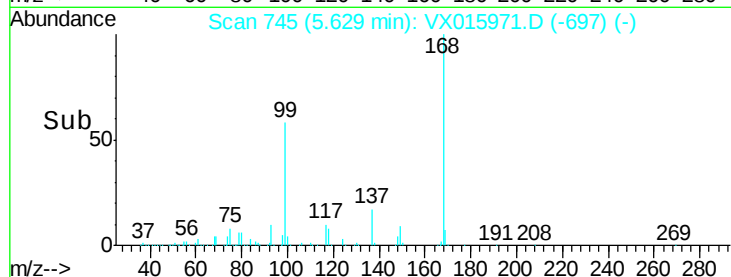
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.328 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX015971.D

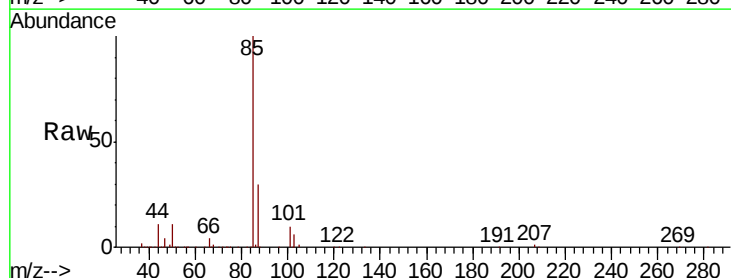
Acq: 29 Apr 2020 12:56

Tgt Ion: 85 Resp: 49468

Ion Ratio Lower Upper

85 100

87 29.7 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

60000

50000

40000

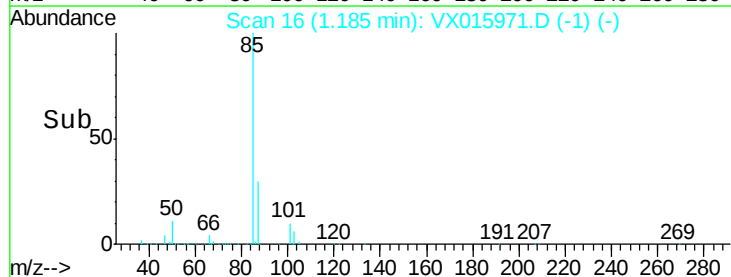
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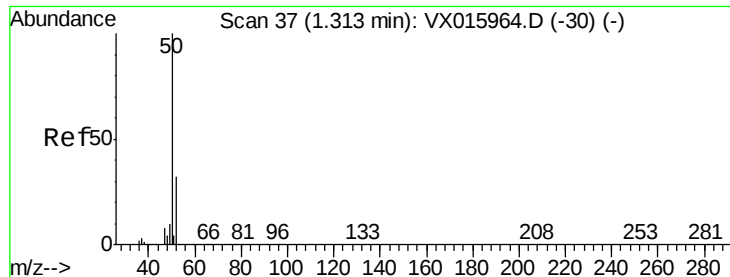
20000

10000

0

Time-->





#3

Chloromethane

Concen: 19.432 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

Instrument :

MSVOA_X

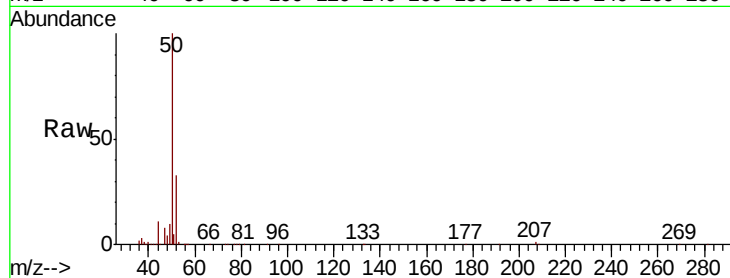
ClientSampled :

Tot Ion: 50 Resp: 57308

Ion Ratio Lower Upper

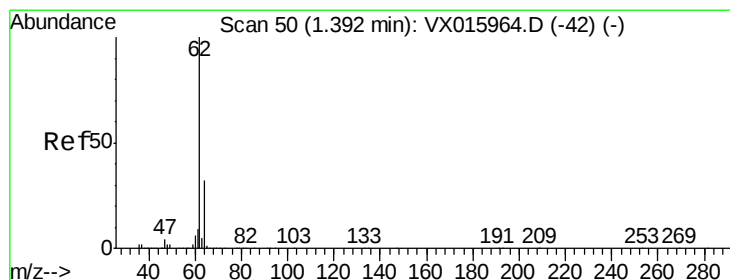
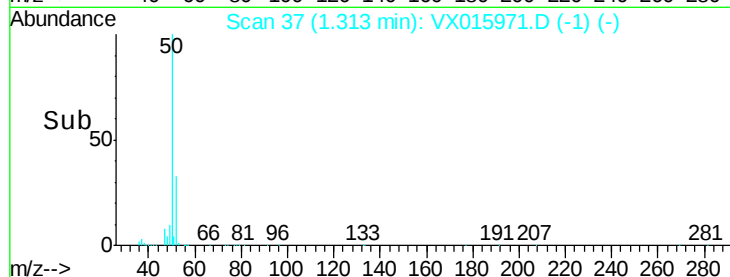
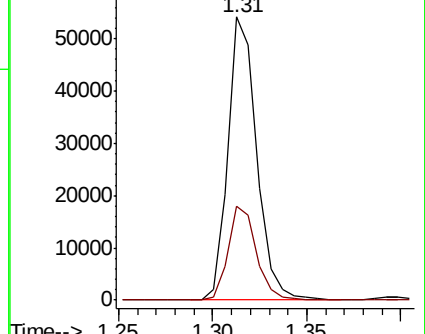
50 100

52 33.2 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.164 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015971.D

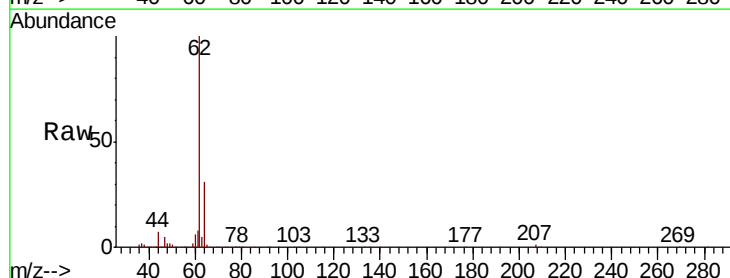
Acq: 29 Apr 2020 12:56

Tgt Ion: 62 Resp: 64186

Ion Ratio Lower Upper

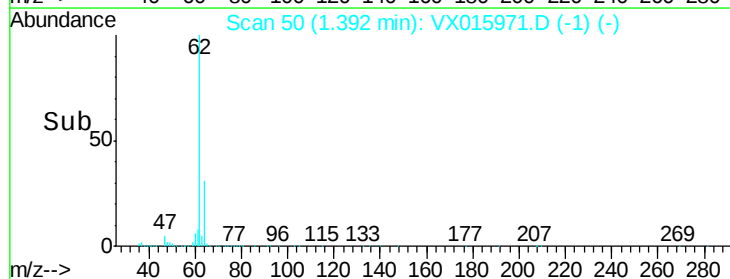
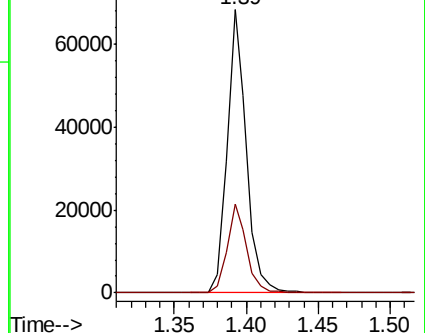
62 100

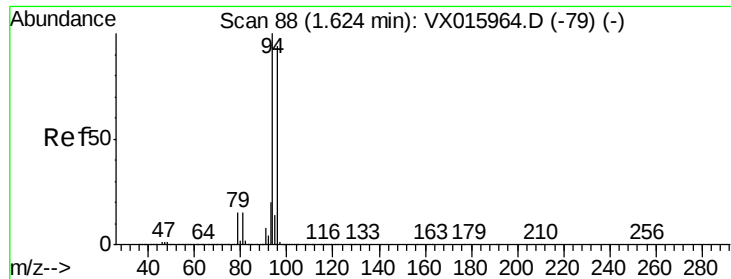
64 31.4 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

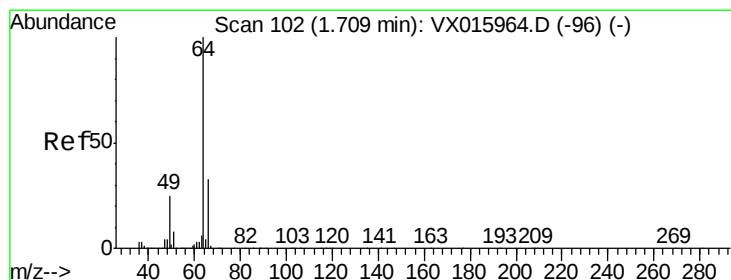
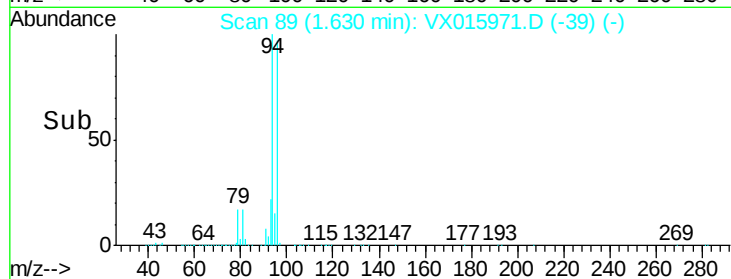
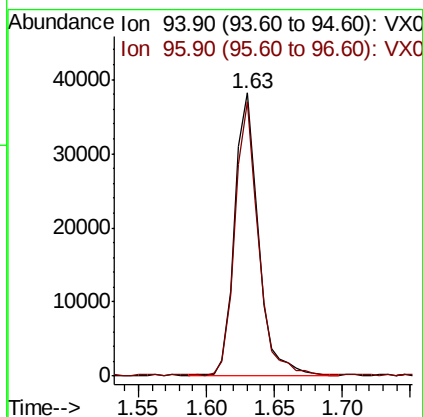
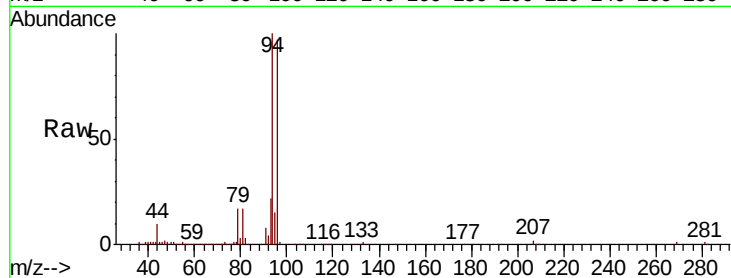




#5
Bromomethane
Concen: 20.482 ug/l
RT: 1.63 min Scan# 89
Delta R.T. 0.01 min
Lab File: VX015971.D
Acq: 29 Apr 2020 12:56

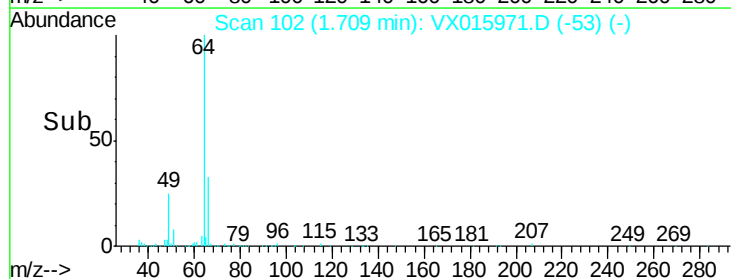
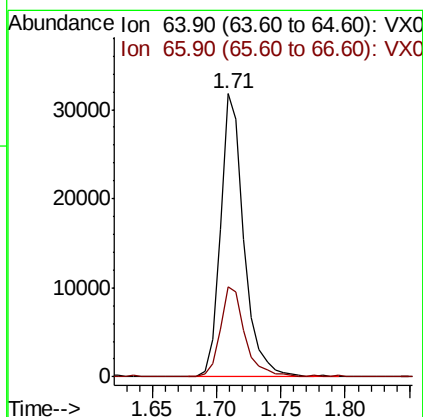
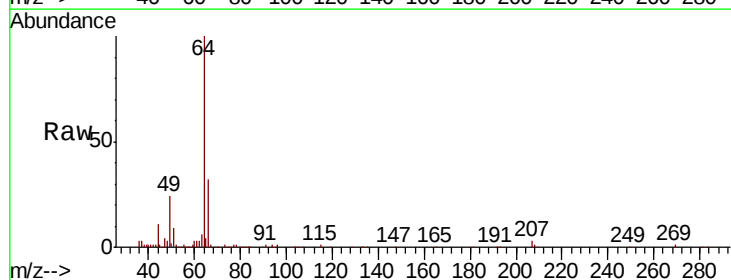
Instrument :
MSVOA_X
ClientSampleId :

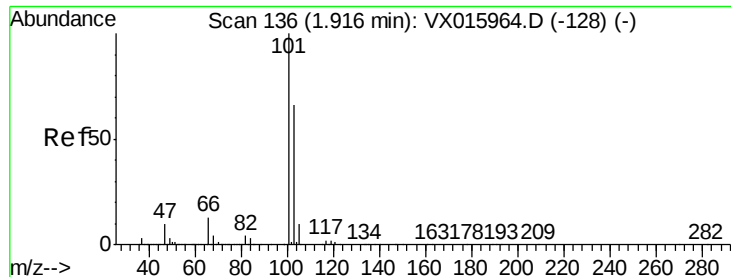
Tot Ion: 94 Resp: 46054
Ion Ratio Lower Upper
94 100
96 96.8 74.9 112.3



#6
Chloroethane
Concen: 18.270 ug/l
RT: 1.71 min Scan# 102
Delta R.T. 0.00 min
Lab File: VX015971.D
Acq: 29 Apr 2020 12:56

Tgt Ion: 64 Resp: 40703
Ion Ratio Lower Upper
64 100
66 31.5 26.2 39.2



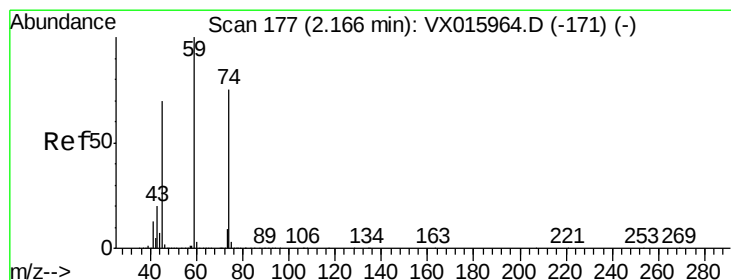
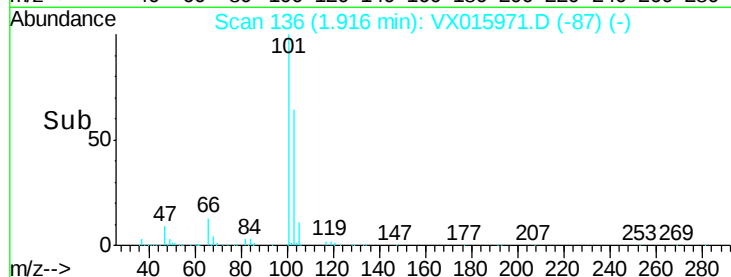
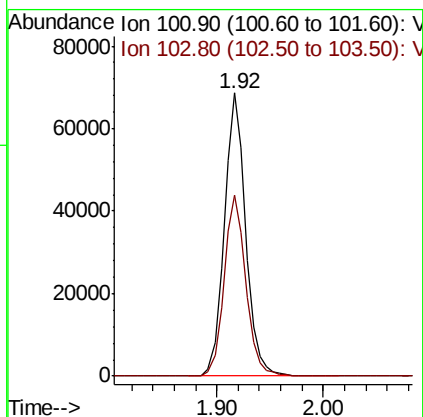
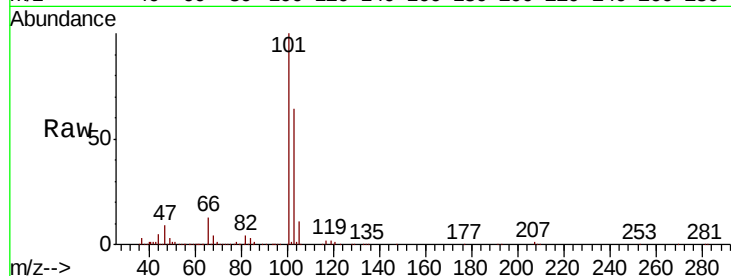


#7

Trichlorofluoromethane
Concen: 18.977 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX015971.D
Acq: 29 Apr 2020 12:56

Instrument :
MSVOA_X
ClientSampleId :

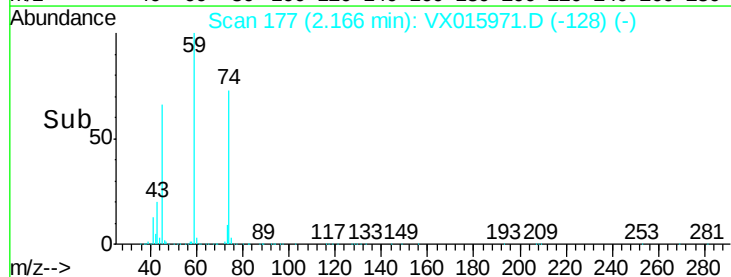
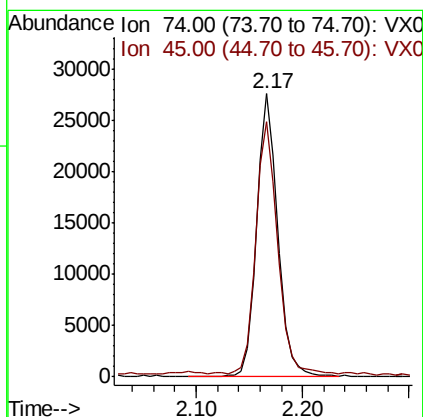
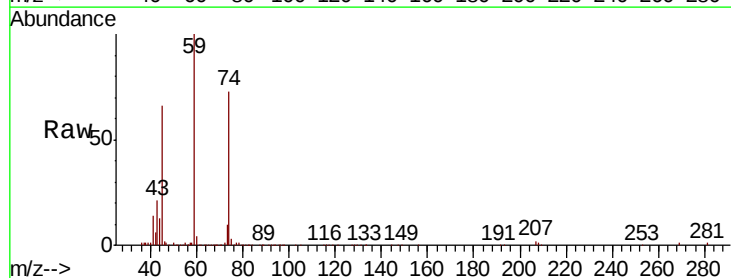
Tot Ion:101 Resp: 96070
Ion Ratio Lower Upper
101 100
103 64.0 52.4 78.6

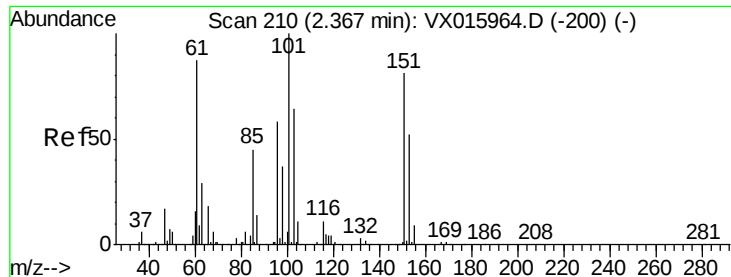


#8

Diethyl Ether
Concen: 18.225 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX015971.D
Acq: 29 Apr 2020 12:56

Tgt Ion: 74 Resp: 38517
Ion Ratio Lower Upper
74 100
45 90.8 47.1 141.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.283 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

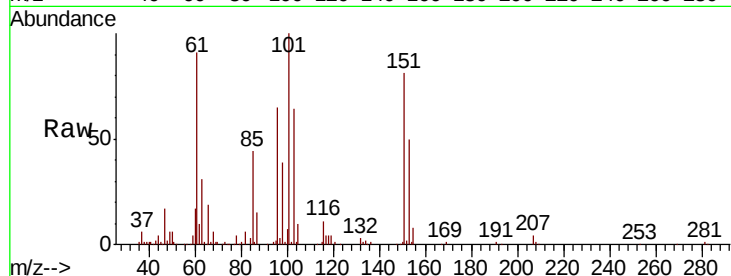
Tot Ion:101 Resp: 48659

Ion Ratio Lower Upper

101 100

85 45.5 36.3 54.5

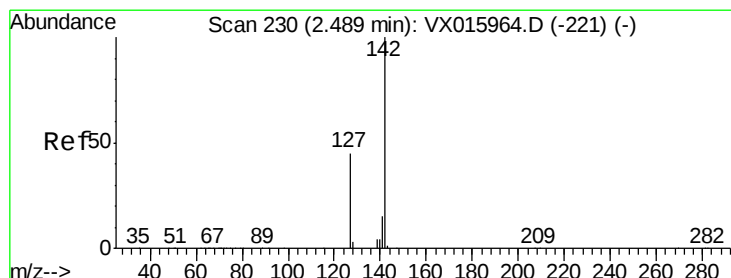
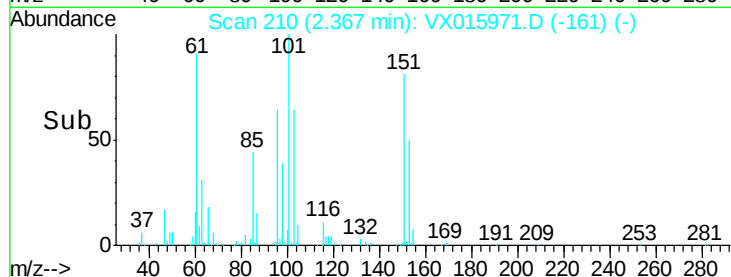
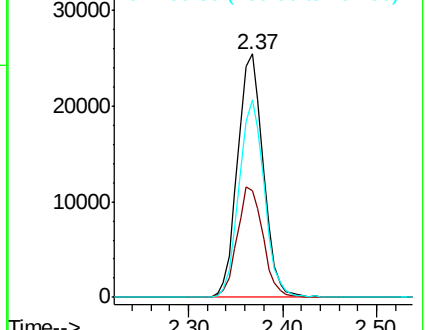
151 79.7 63.1 94.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.280 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

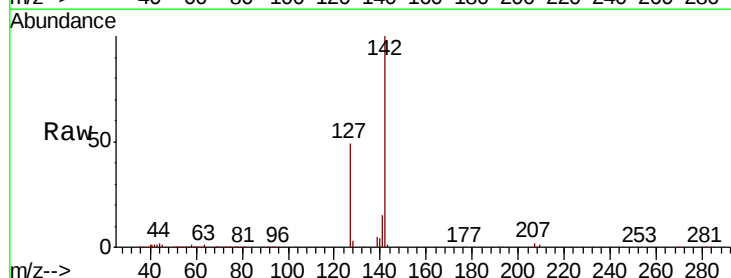
Tgt Ion:142 Resp: 64348

Ion Ratio Lower Upper

142 100

127 46.3 36.5 54.7

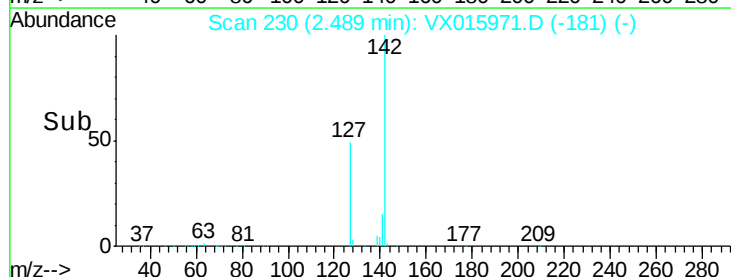
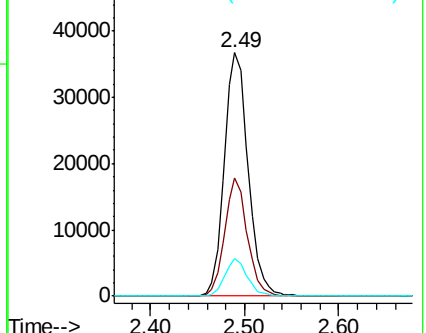
141 14.4 11.6 17.4

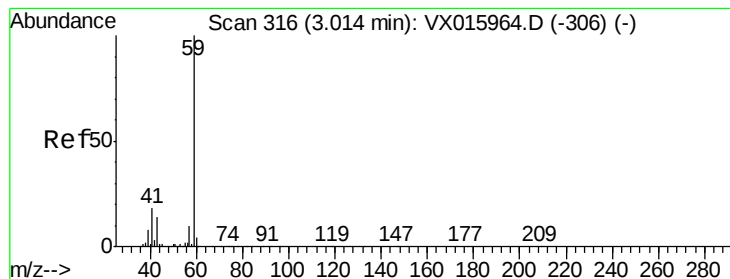


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 92.476 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

Instrument :

MSVOA_X

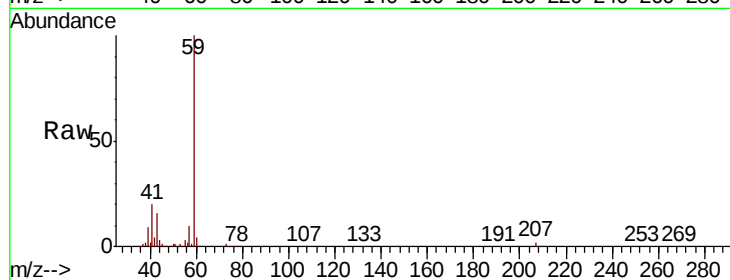
ClientSampleId :

Tot Ion: 59 Resp: 79814

Ion Ratio Lower Upper

59 100

57 10.5 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

40000

30000

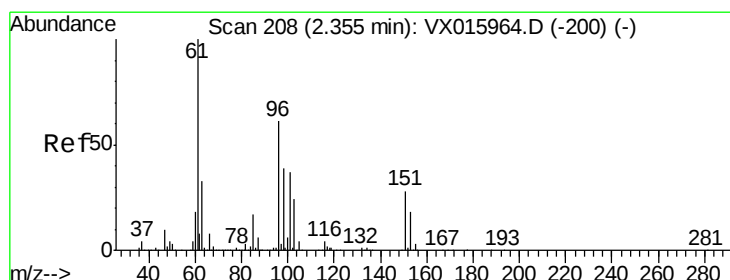
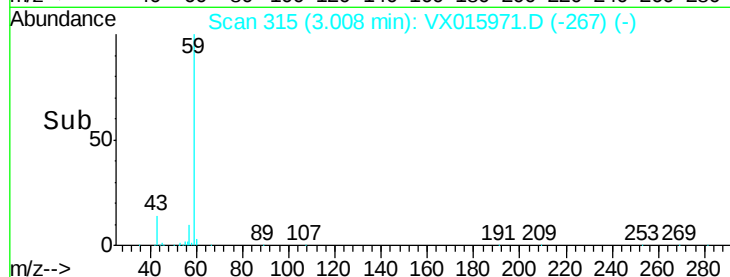
20000

10000

0

Time-->

2.90 3.00 3.10



#12

1,1-Dichloroethene

Concen: 18.797 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

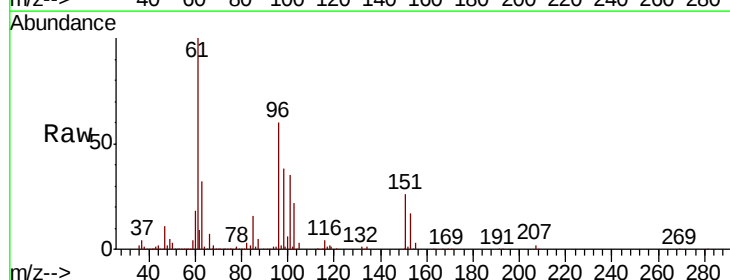
Tgt Ion: 96 Resp: 48906

Ion Ratio Lower Upper

96 100

61 167.7 131.0 196.4

98 63.7 50.7 76.1



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

60000

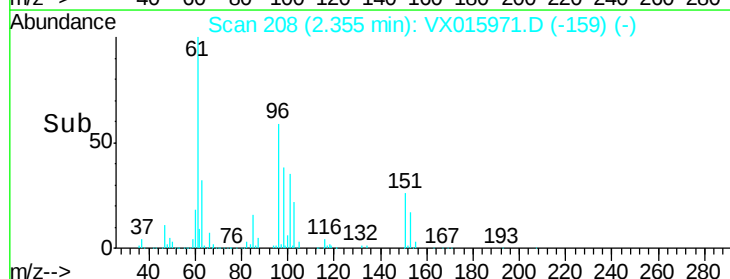
40000

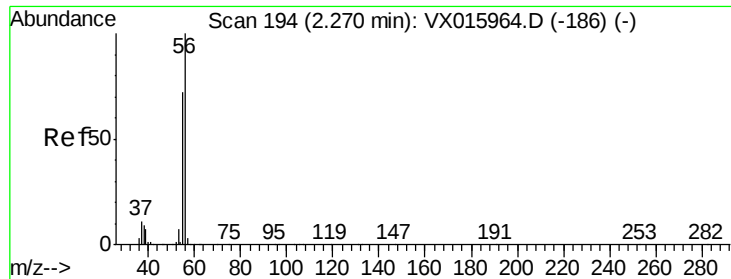
20000

0

Time-->

2.25 2.30 2.35 2.40 2.45

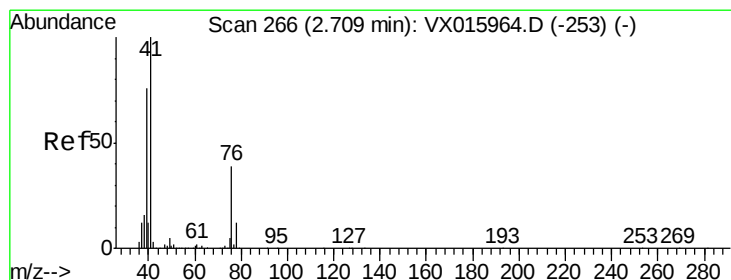
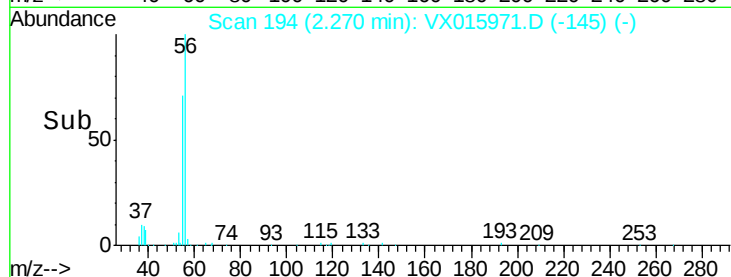
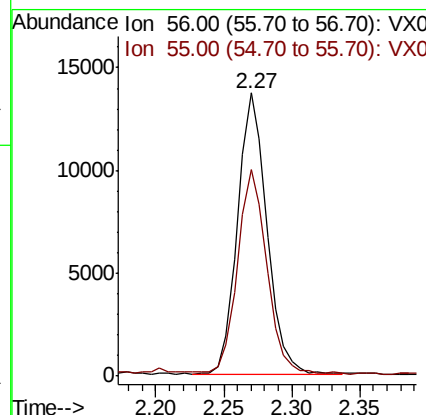
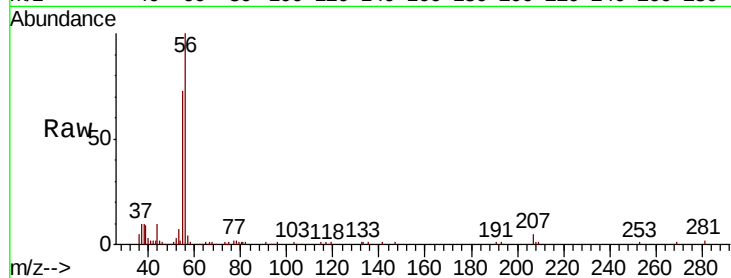




#13
Acrolein
Concen: 94.514 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX015971.D
Acq: 29 Apr 2020 12:56

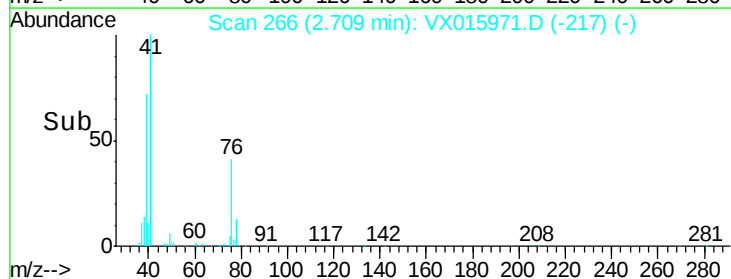
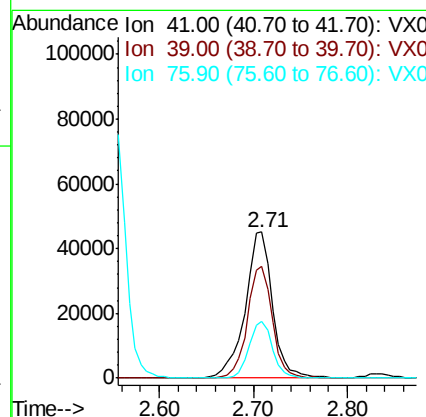
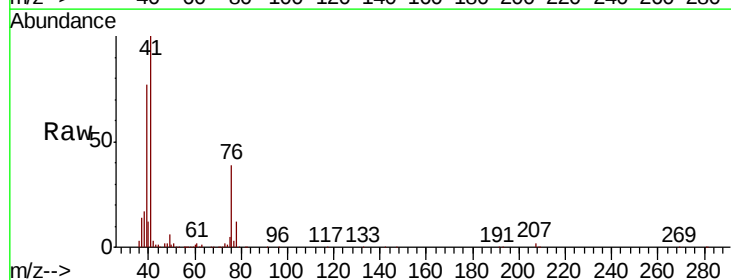
Instrument :
MSVOA_X
ClientSampleId :

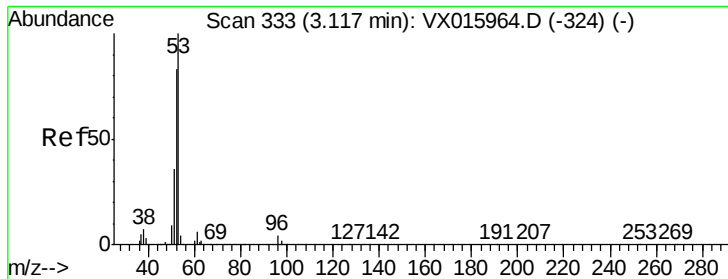
Tot Ion: 56 Resp: 20500
Ion Ratio Lower Upper
56 100
55 71.1 56.9 85.3



#14
Allyl chloride
Concen: 19.289 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX015971.D
Acq: 29 Apr 2020 12:56

Tgt Ion: 41 Resp: 90498
Ion Ratio Lower Upper
41 100
39 70.3 55.4 83.0
76 34.1 27.1 40.7





#15

Acrylonitrile

Concen: 92.763 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

Instrument :

MSVOA_X

ClientSampled :

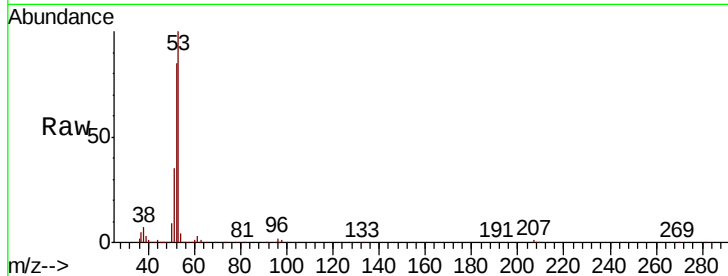
Tot Ion: 53 Resp: 158746

Ion Ratio Lower Upper

53 100

52 83.7 65.5 98.3

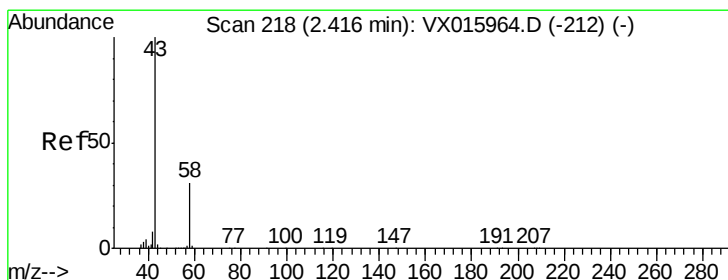
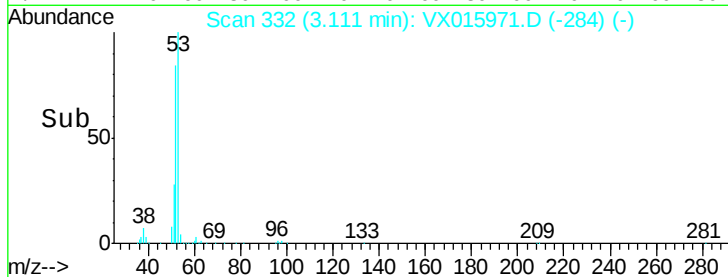
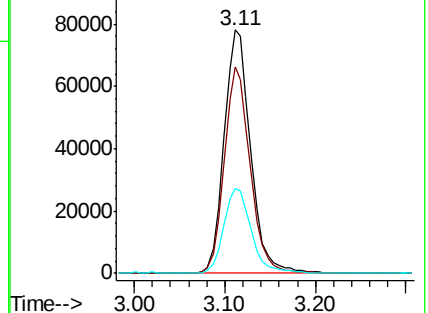
51 36.6 28.7 43.1



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: 95.135 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX015971.D

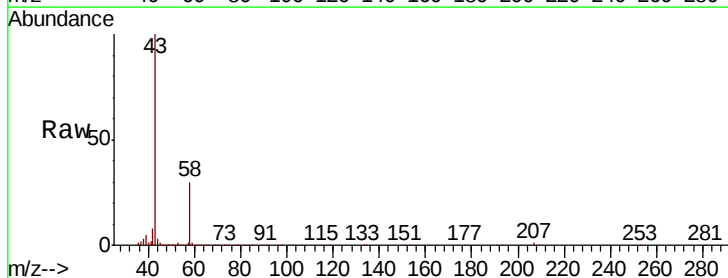
Acq: 29 Apr 2020 12:56

Tgt Ion: 43 Resp: 144644

Ion Ratio Lower Upper

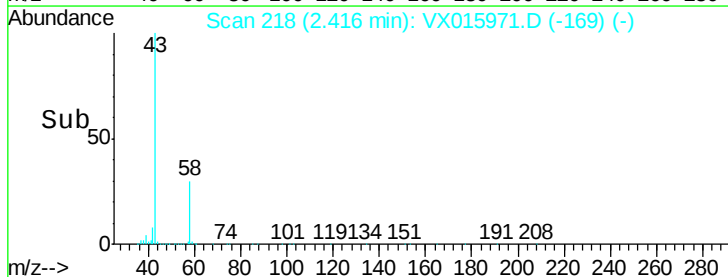
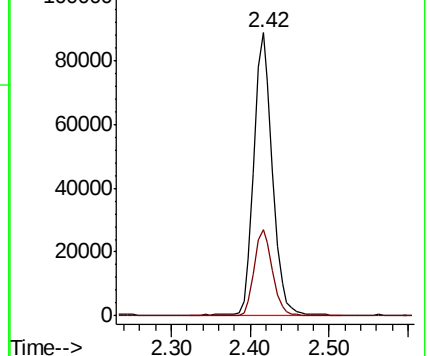
43 100

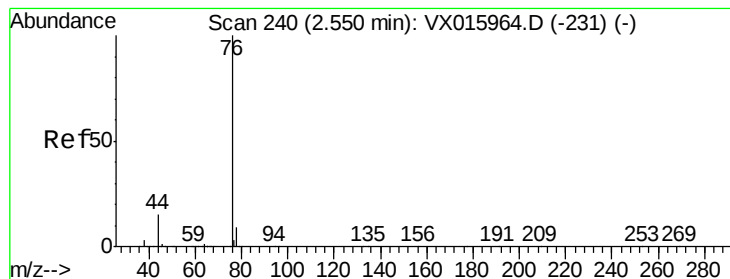
58 30.4 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 19.118 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

Instrument :

MSVOA_X

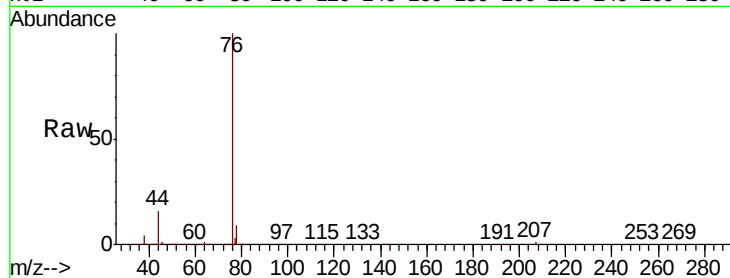
ClientSampleId :

Tot Ion: 76 Resp: 146312

Ion Ratio Lower Upper

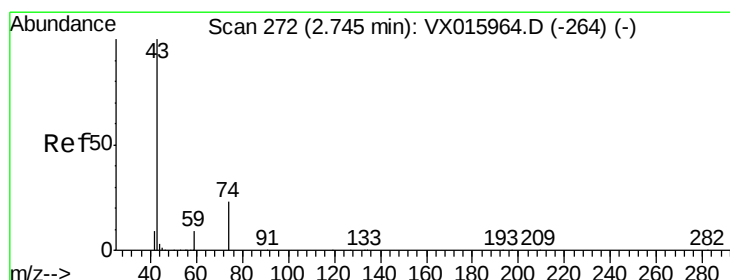
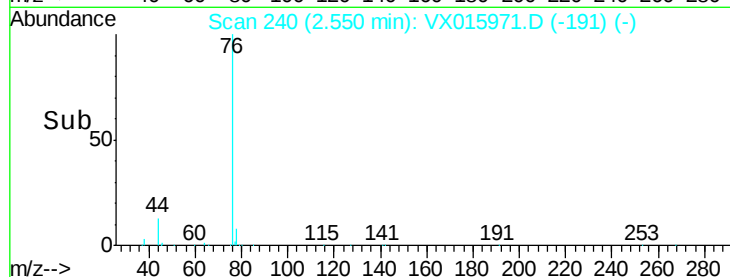
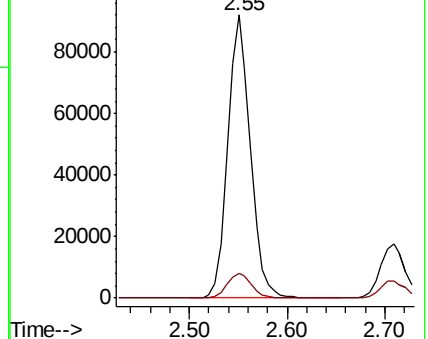
76 100

78 8.8 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.708 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX015971.D

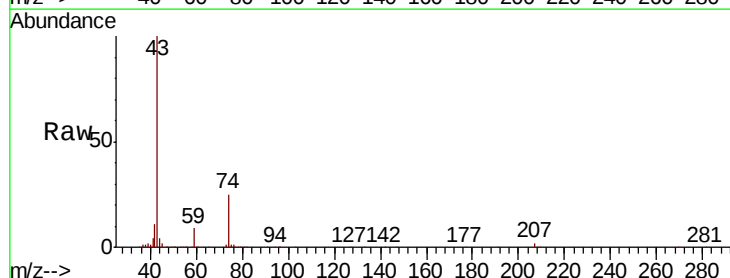
Acq: 29 Apr 2020 12:56

Tgt Ion: 43 Resp: 80714

Ion Ratio Lower Upper

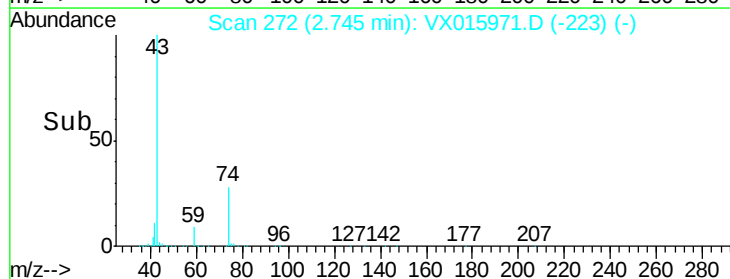
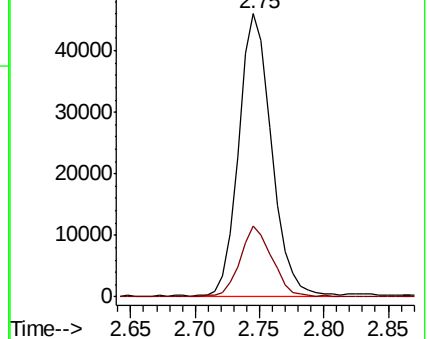
43 100

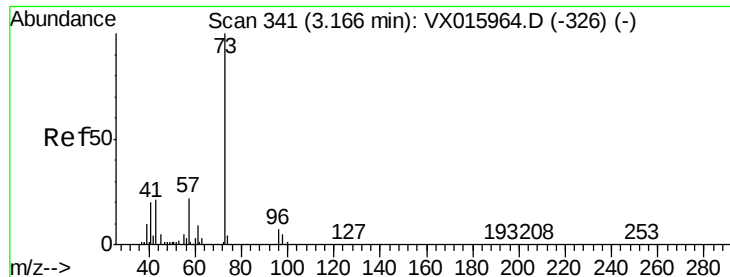
74 24.8 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



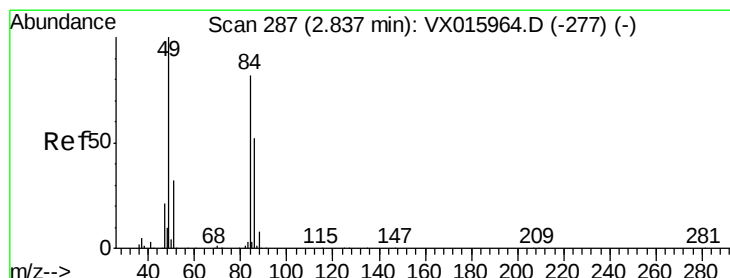
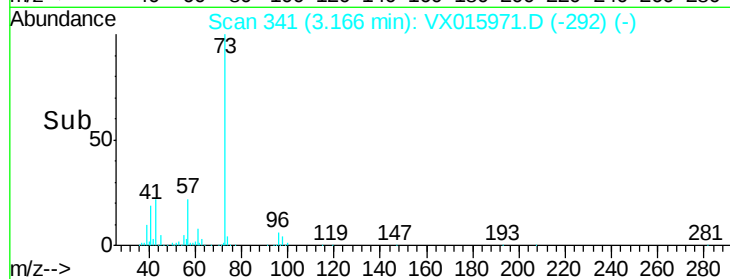
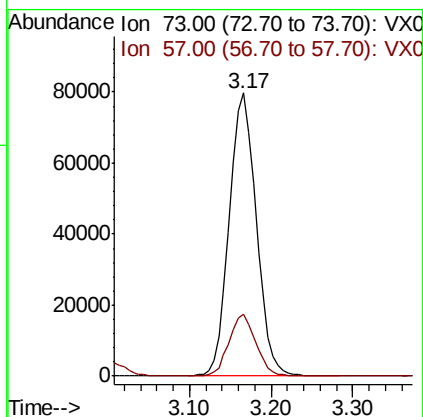
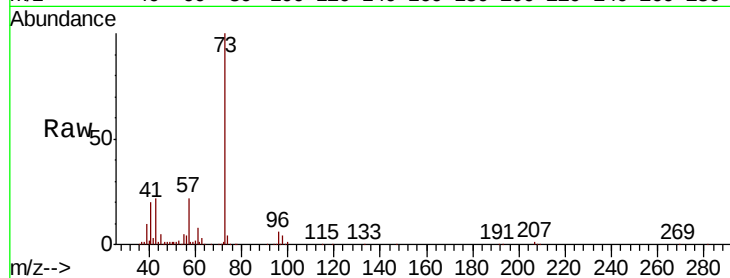


#19

Methyl tert-butyl Ether
 Concen: 19.241 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX015971.D
 Acq: 29 Apr 2020 12:56

Instrument :
 MSVOA_X
 ClientSampleId :

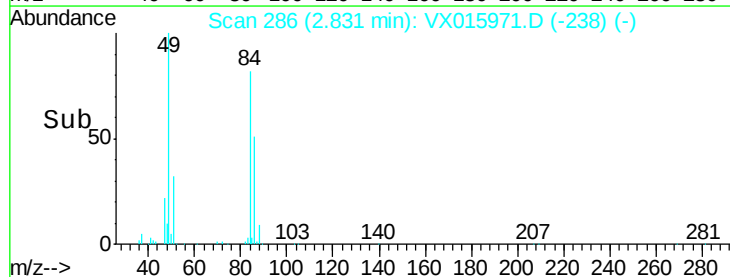
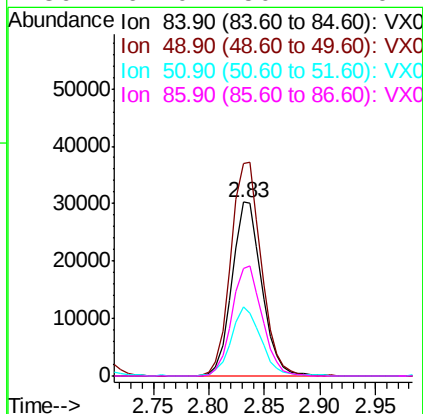
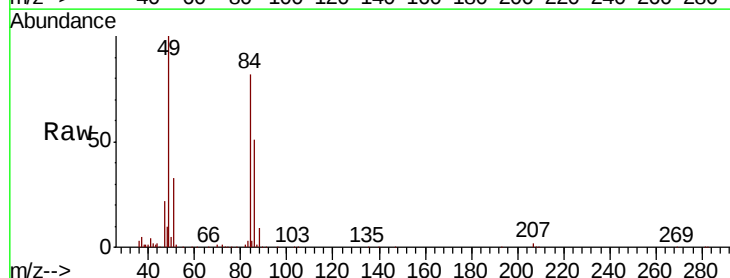
Tot Ion: 73 Resp: 181064
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.5 26.3

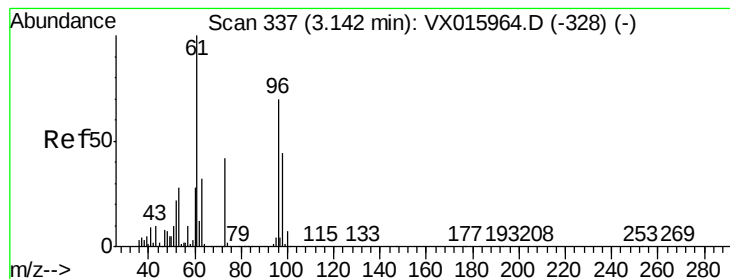


#20

Methylene Chloride
 Concen: 18.616 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX015971.D
 Acq: 29 Apr 2020 12:56

Tgt Ion: 84 Resp: 56032
 Ion Ratio Lower Upper
 84 100
 49 122.2 97.9 146.9
 51 40.0 31.2 46.8
 86 62.0 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 18.240 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

Instrument :
MSVOA_X
ClientSampled :

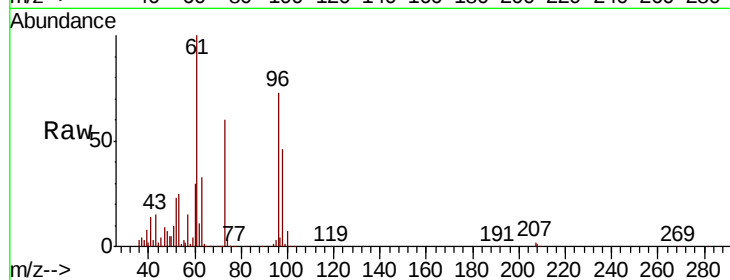
Tot Ion: 96 Resp: 53485

Ion Ratio Lower Upper

96 100

61 136.6 113.6 170.4

98 62.4 50.3 75.5

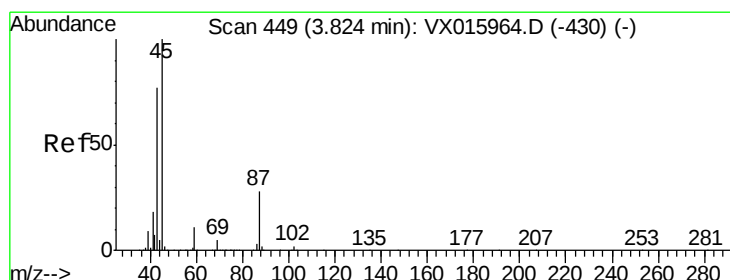
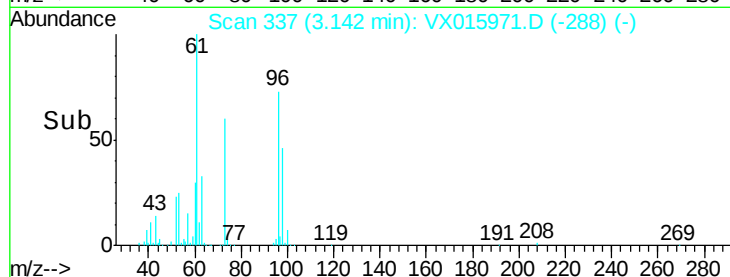
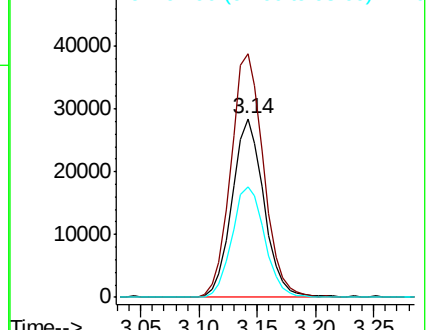


Abundance

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: 19.445 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

Tgt Ion: 45 Resp: 179352

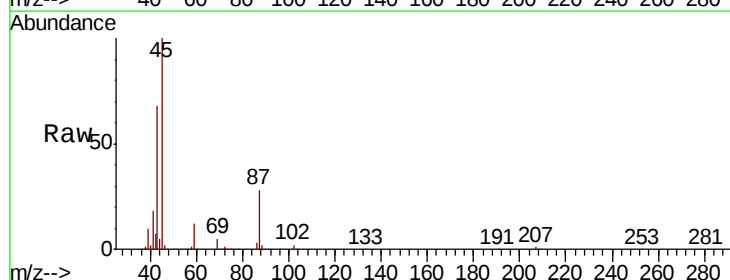
Ion Ratio Lower Upper

45 100

43 67.6 61.3 91.9

87 28.5 22.6 33.8

59 11.6 9.0 13.6



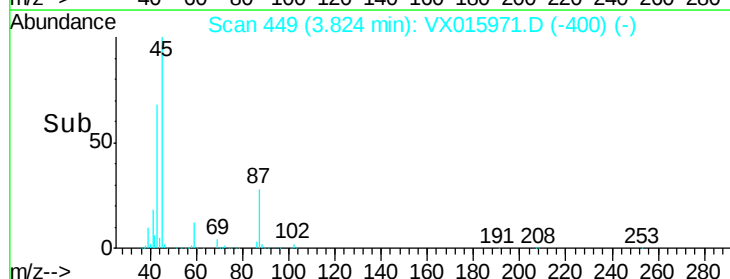
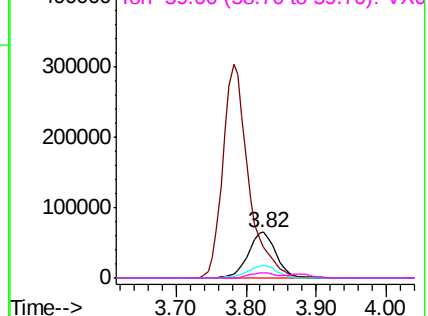
Abundance

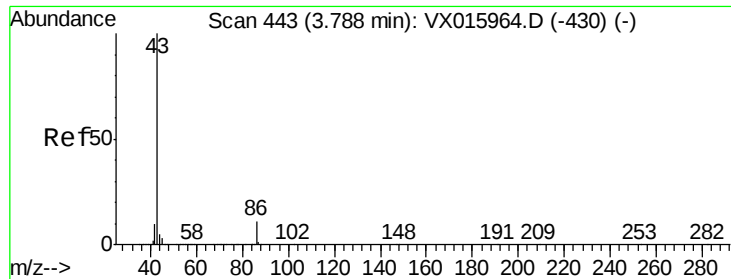
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 96.877 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

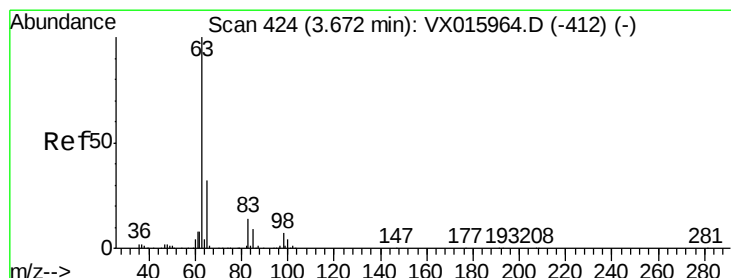
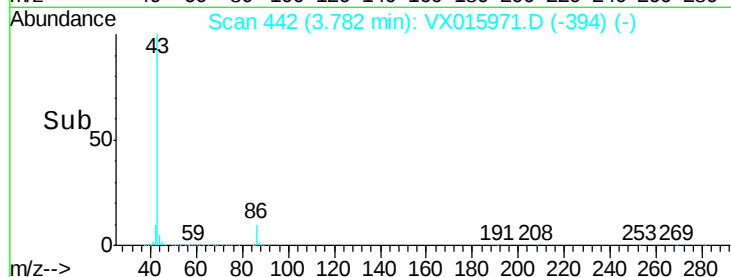
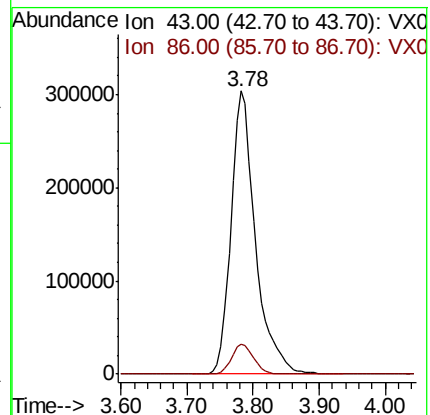
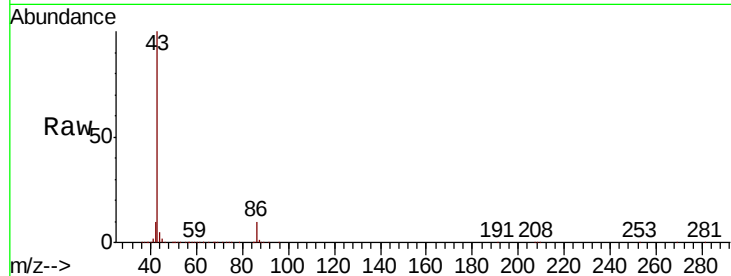
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 776221

Ion Ratio Lower Upper

43 100

86 10.4 8.9 13.3



#24

1,1-Dichloroethane

Concen: 19.398 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

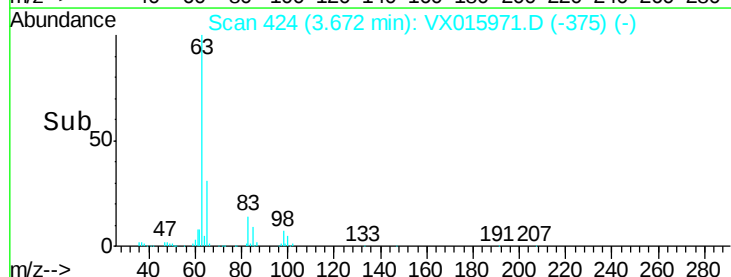
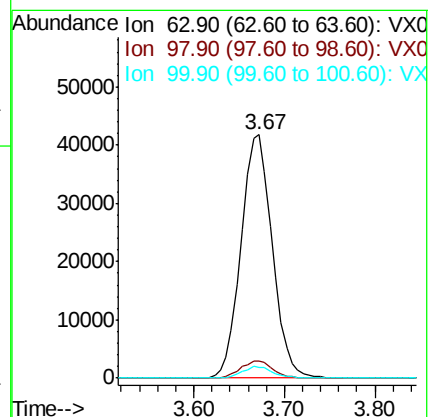
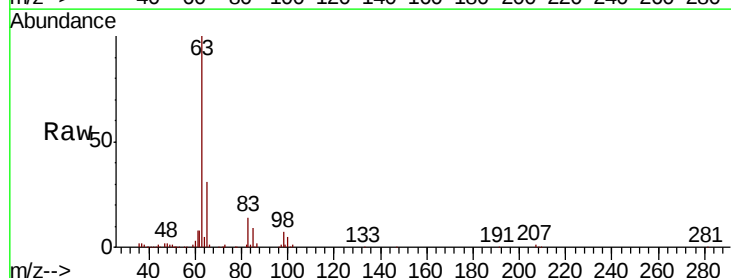
Tgt Ion: 63 Resp: 99672

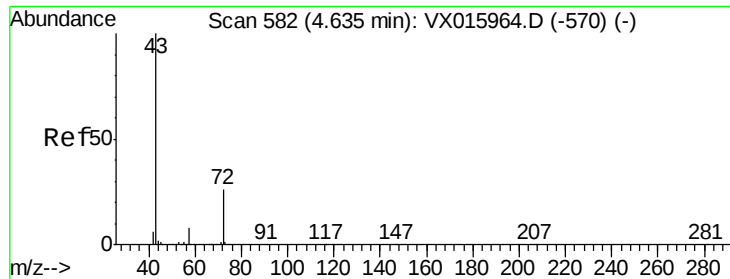
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 4.6 2.2 6.6





#25

2-Butanone

Concen: 93.304 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

Instrument :

MSVOA_X

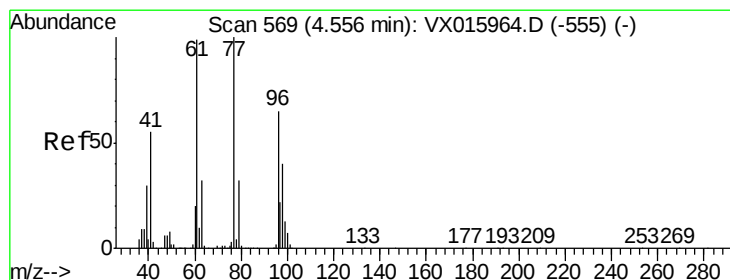
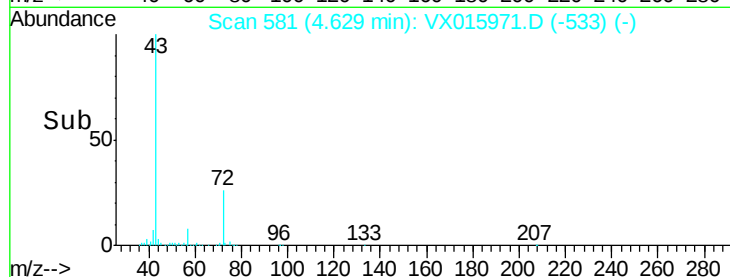
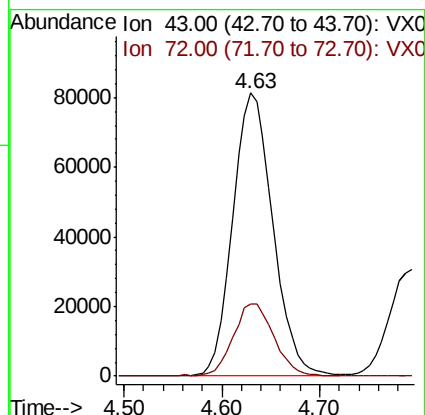
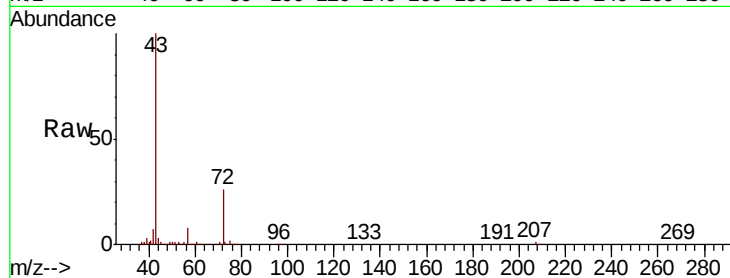
ClientSampleId :

Tot Ion: 43 Resp: 229881

Ion Ratio Lower Upper

43 100

72 25.5 21.0 31.4



#26

2,2-Dichloropropane

Concen: 18.904 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX015971.D

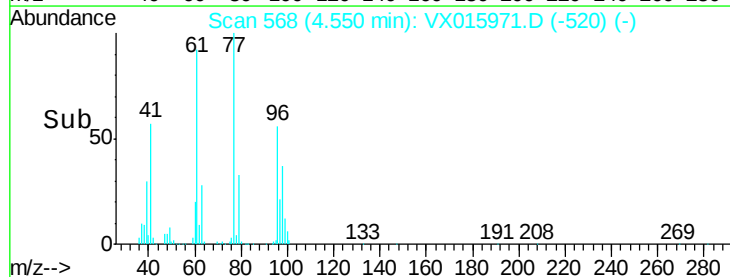
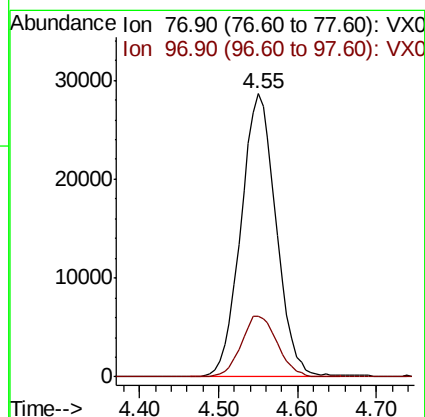
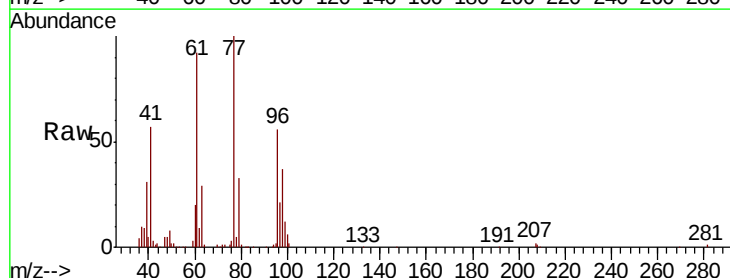
Acq: 29 Apr 2020 12:56

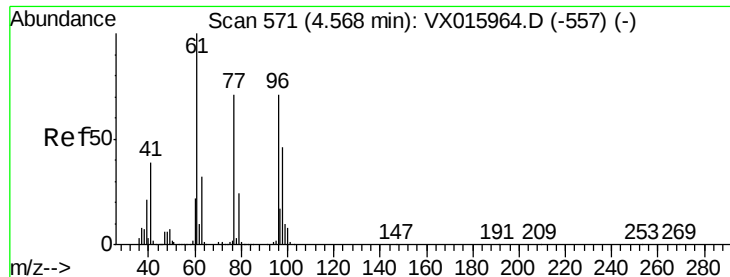
Tgt Ion: 77 Resp: 88813

Ion Ratio Lower Upper

77 100

97 22.2 11.1 33.3



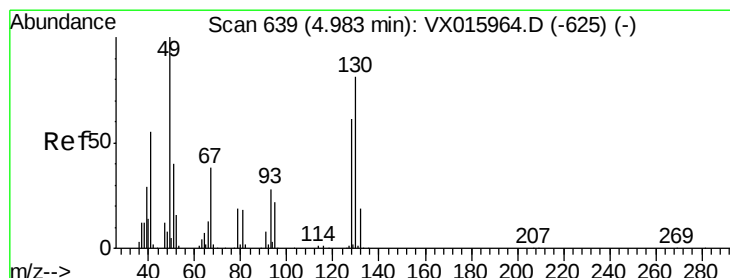
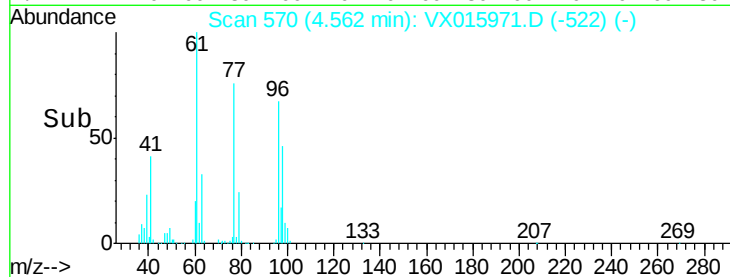
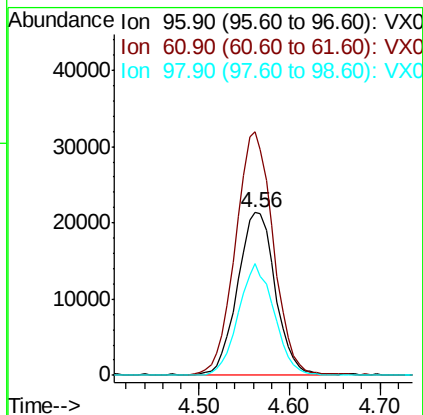
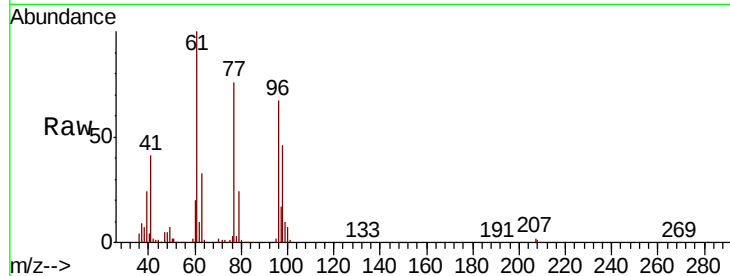


#27

cis-1,2-Dichloroethene
Concen: 18.306 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX015971.D
Acq: 29 Apr 2020 12:56

Instrument :
MSVOA_X
ClientSampleId :

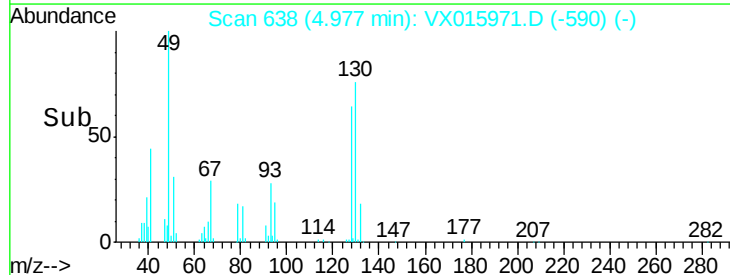
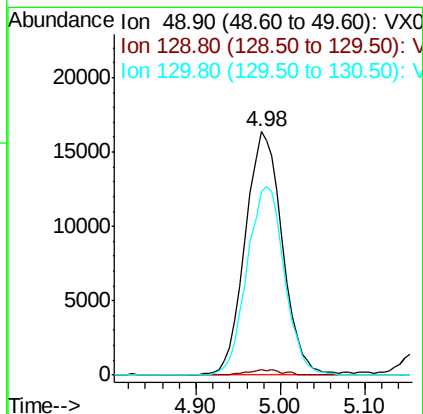
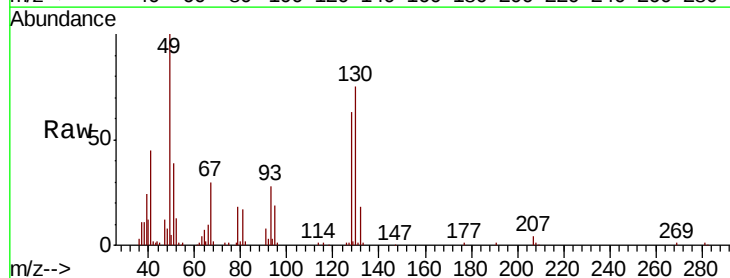
Tot Ion	96	Resp	60913
Ion	Ratio	Lower	Upper
96	100		
61	150.9	0.0	294.2
98	65.5	0.0	127.4

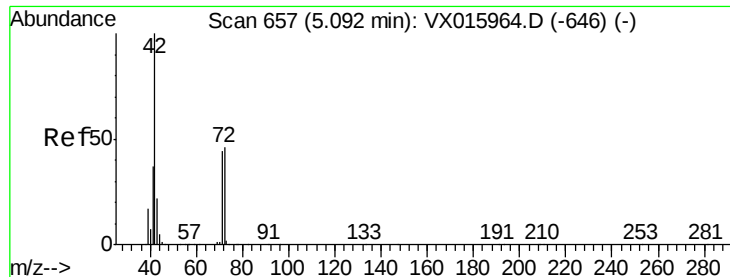


#28

Bromochloromethane
Concen: 19.764 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX015971.D
Acq: 29 Apr 2020 12:56

Tgt Ion	49	Resp	49141
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	77.9	63.9	95.9





#29

Tetrahydrofuran

Concen: 92.636 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

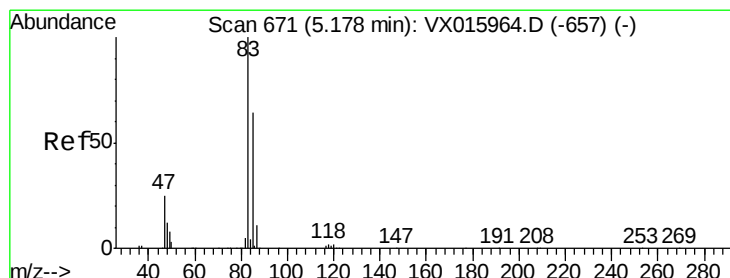
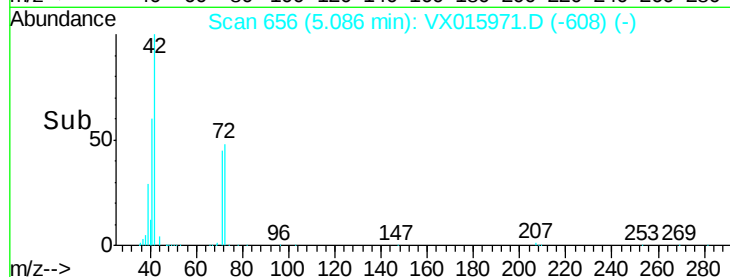
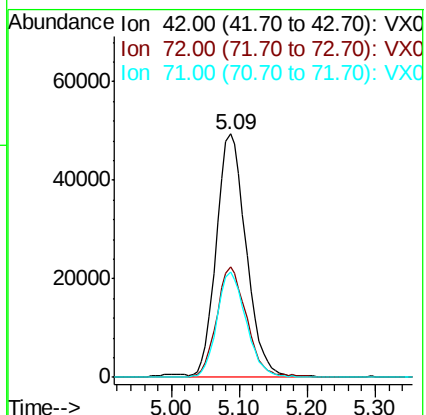
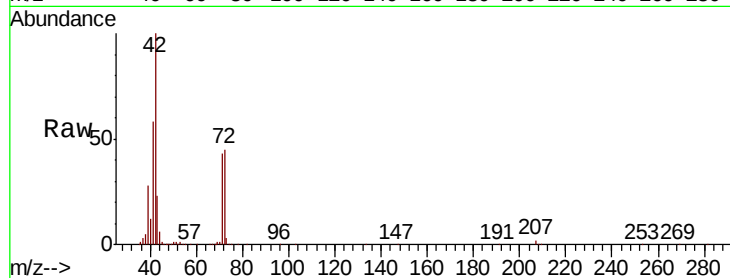
Tot Ion: 42 Resp: 149576

Ion Ratio Lower Upper

42 100

72 46.1 37.4 56.0

71 42.9 34.6 52.0



#30

Chloroform

Concen: 18.855 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX015971.D

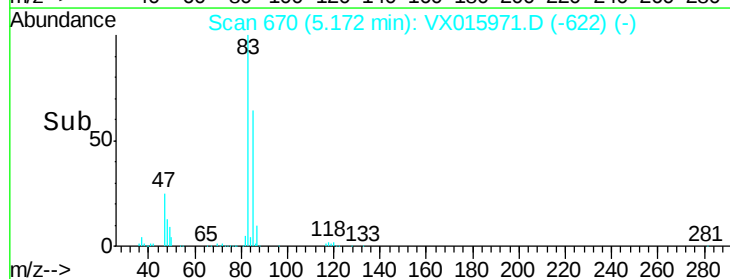
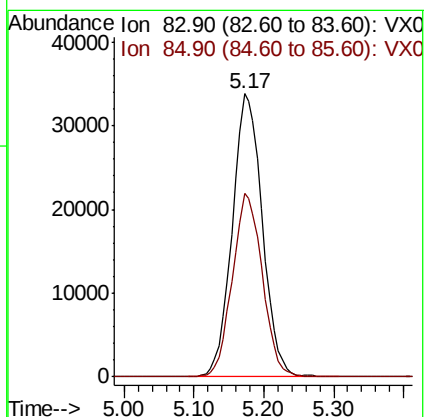
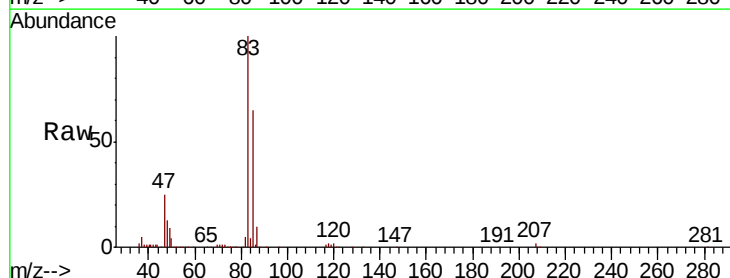
Acq: 29 Apr 2020 12:56

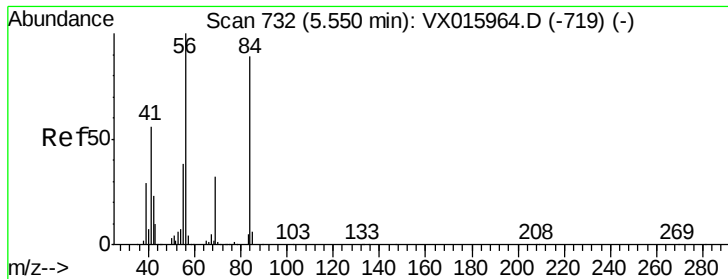
Tgt Ion: 83 Resp: 100742

Ion Ratio Lower Upper

83 100

85 64.8 51.0 76.4

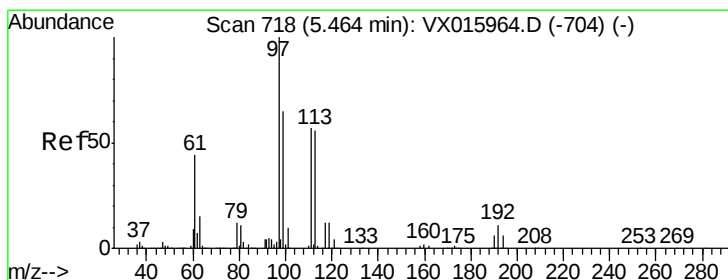
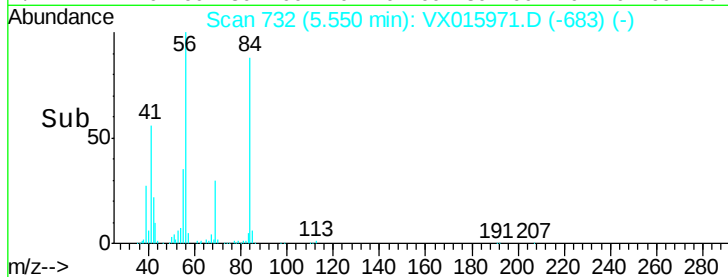
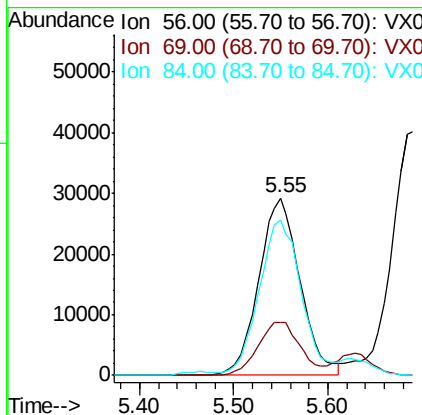
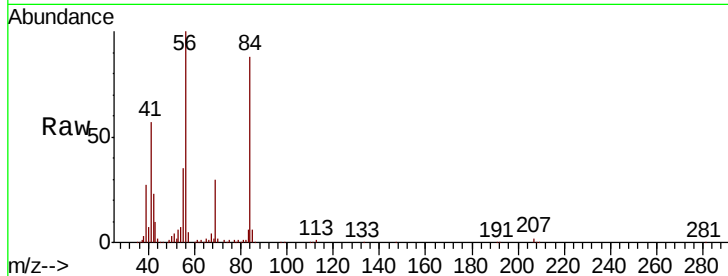




#31
Cyclohexane
Concen: 19.537 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX015971.D
Acq: 29 Apr 2020 12:56

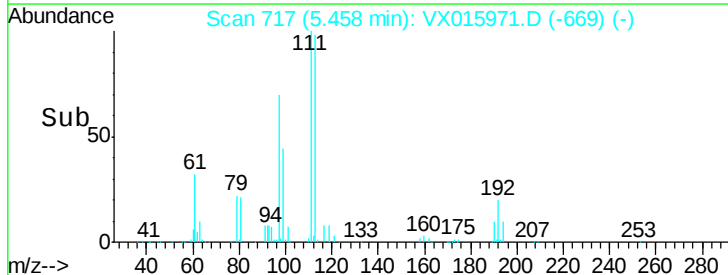
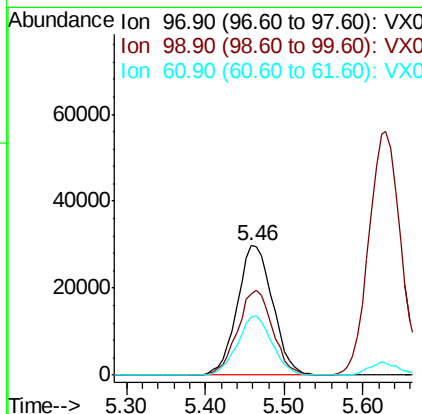
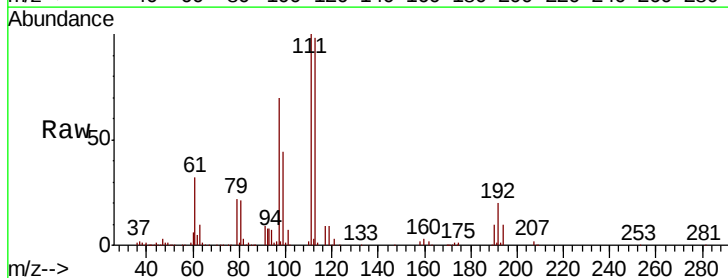
Instrument :
MSVOA_X
ClientSampleId :

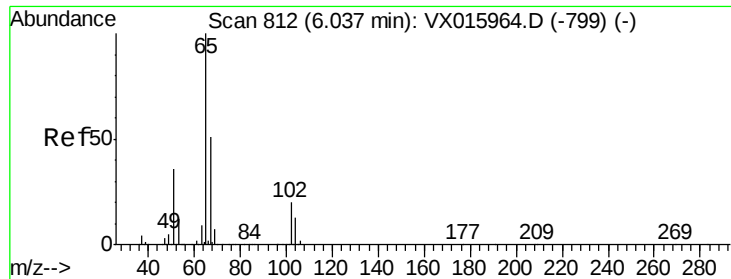
Tot Ion: 56 Resp: 89370
Ion Ratio Lower Upper
56 100
69 29.7 25.4 38.2
84 86.2 71.0 106.6



#32
1,1,1-Trichloroethane
Concen: 18.934 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX015971.D
Acq: 29 Apr 2020 12:56

Tgt Ion: 97 Resp: 93146
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.0
61 45.0 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 48.149 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

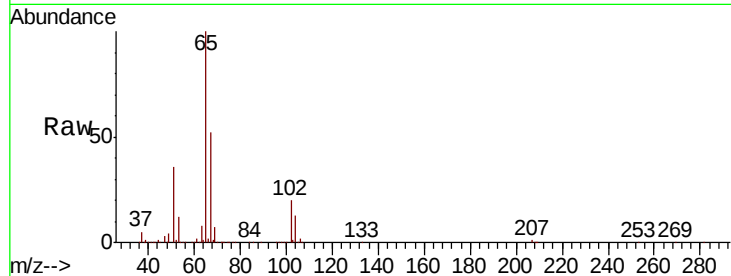
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 65 Resp: 171197

Ion Ratio Lower Upper

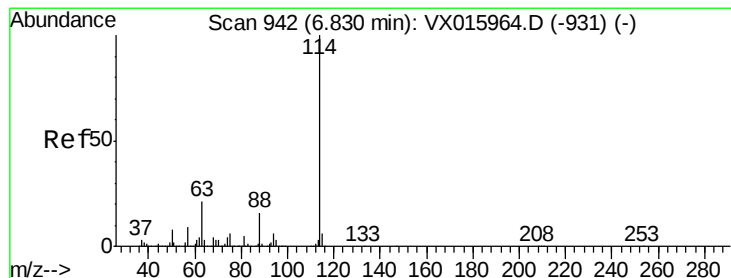
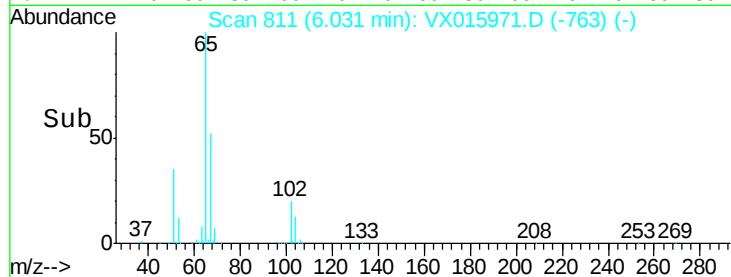
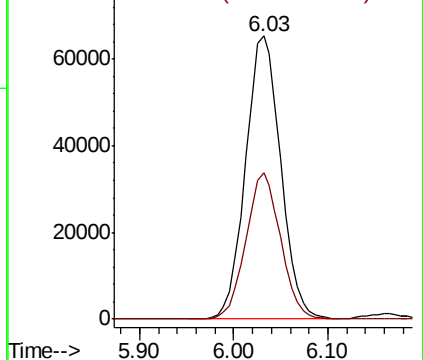
65 100

67 51.1 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

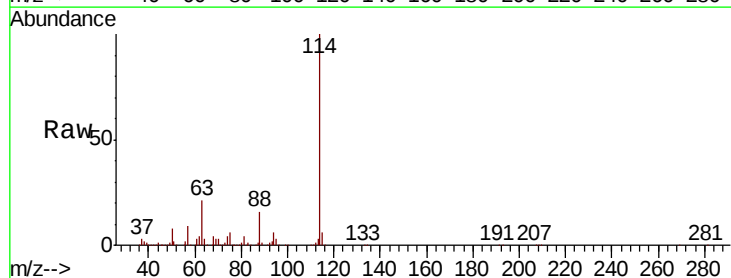
Tgt Ion: 114 Resp: 435490

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.2

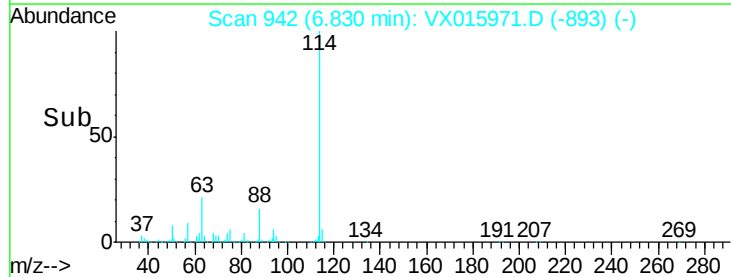
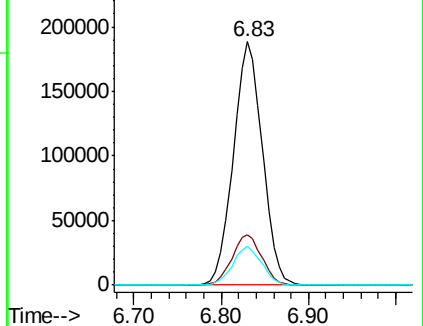
88 15.8 0.0 31.8

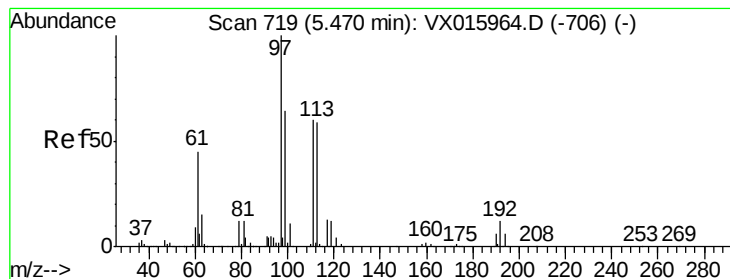


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.549 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

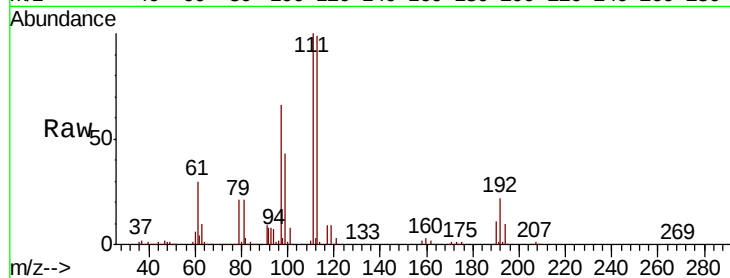
Tot Ion:113 Resp: 126455

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.8

192 21.8 16.8 25.2



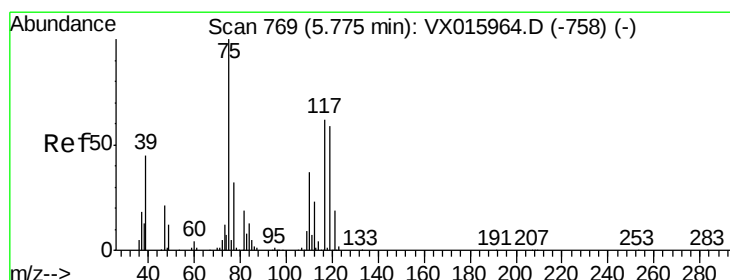
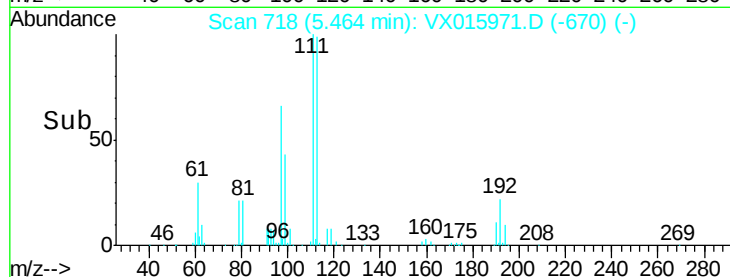
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

5.46

Time-->



#36

1,1-Dichloropropene

Concen: 18.056 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

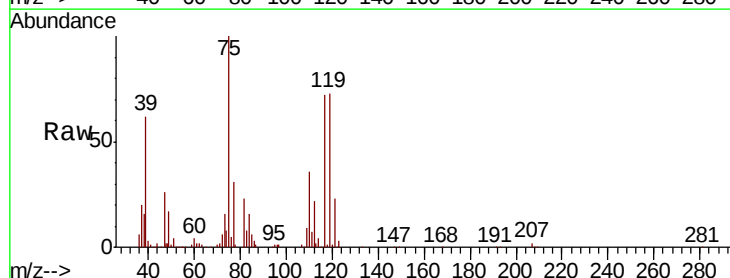
Tgt Ion: 75 Resp: 74891

Ion Ratio Lower Upper

75 100

110 35.8 17.9 53.7

77 31.0 25.2 37.8



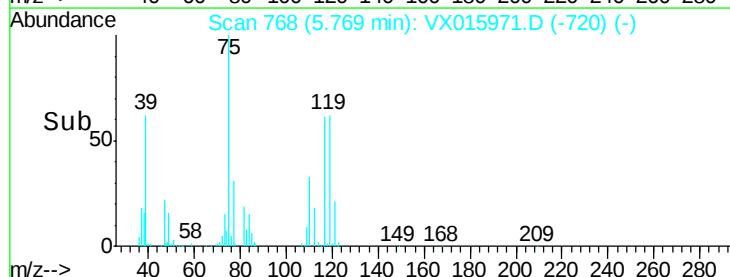
Abundance Ion 74.90 (74.60 to 75.60): VX0

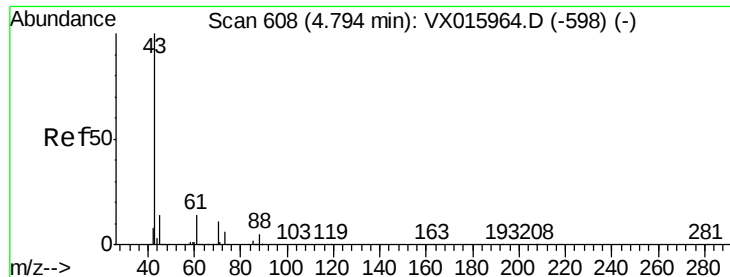
Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

5.77

Time-->

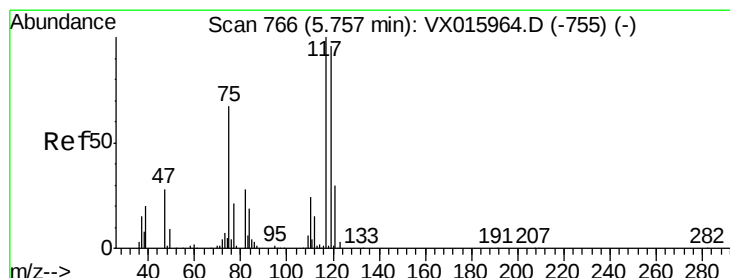
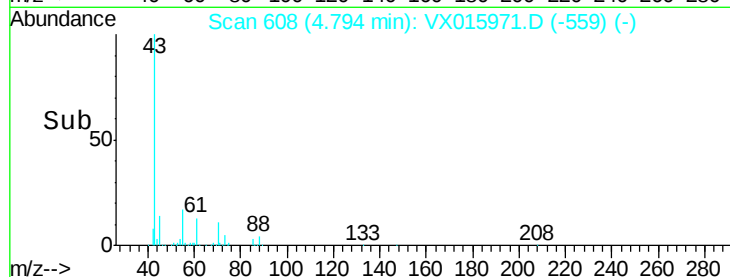
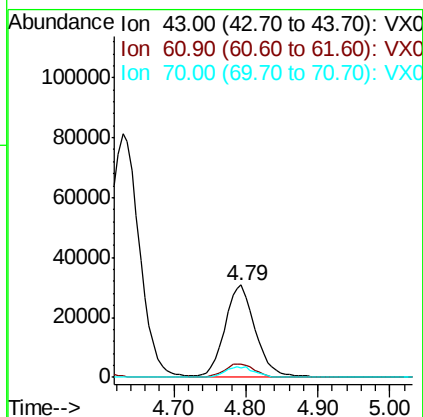
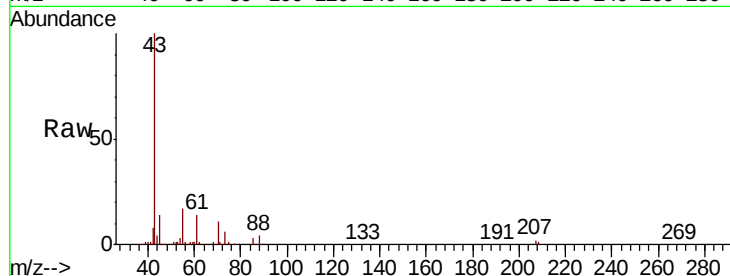




#37
Ethyl Acetate
Concen: 18.652 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX015971.D
Acq: 29 Apr 2020 12:56

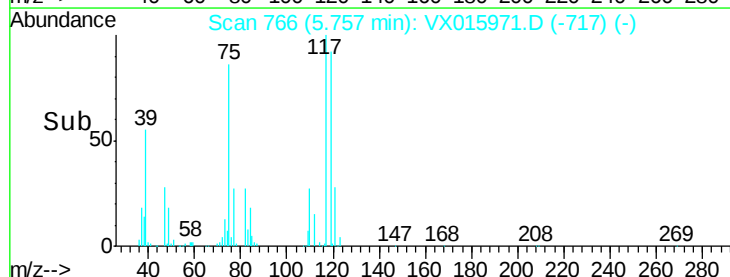
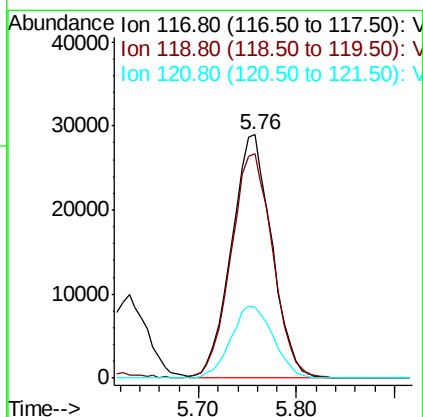
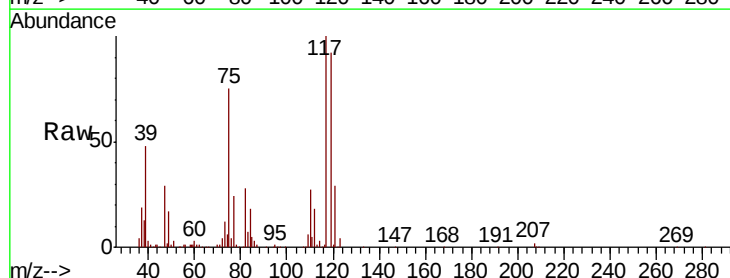
Instrument :
MSVOA_X
ClientSampleId :

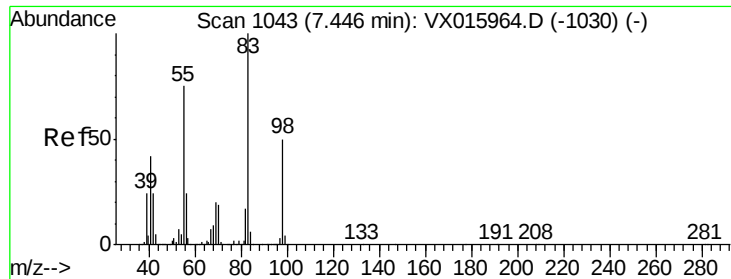
Tot Ion: 43 Resp: 88713
Ion Ratio Lower Upper
43 100
61 14.8 11.6 17.4
70 11.5 8.9 13.3



#38
Carbon Tetrachloride
Concen: 18.899 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX015971.D
Acq: 29 Apr 2020 12:56

Tgt Ion: 117 Resp: 82797
Ion Ratio Lower Upper
117 100
119 92.1 76.2 114.4
121 29.2 24.2 36.4

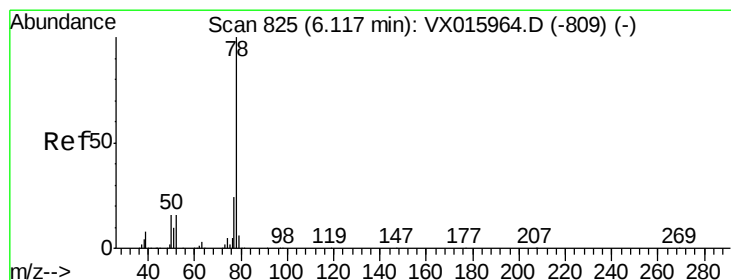
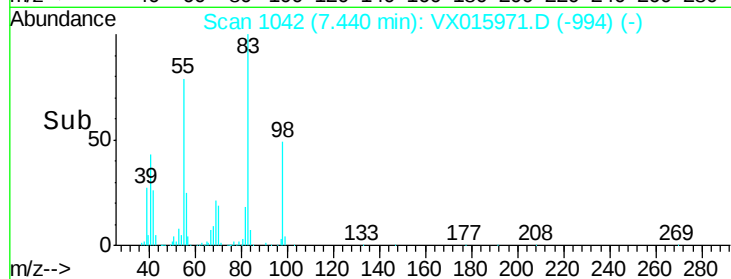
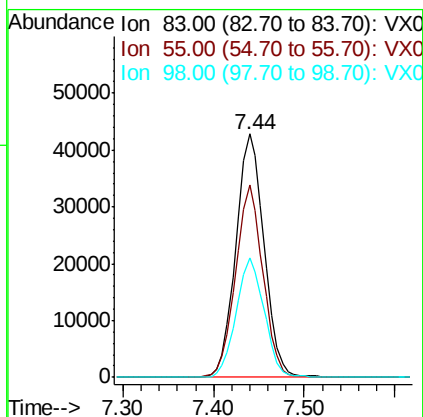
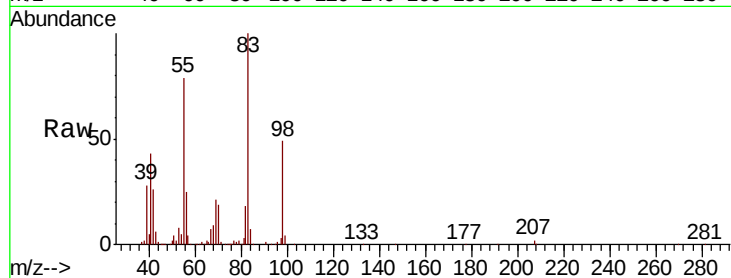




#39
Methvlcvclohexane
Concen: 19.199 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX015971.D
Acq: 29 Apr 2020 12:56

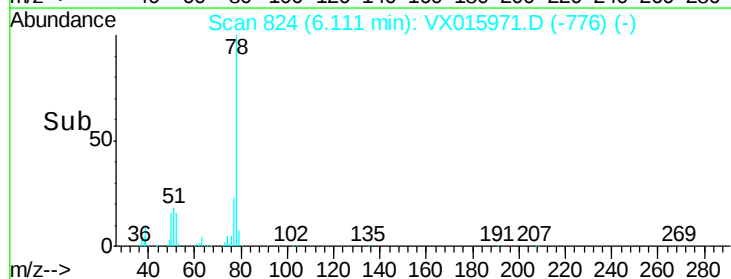
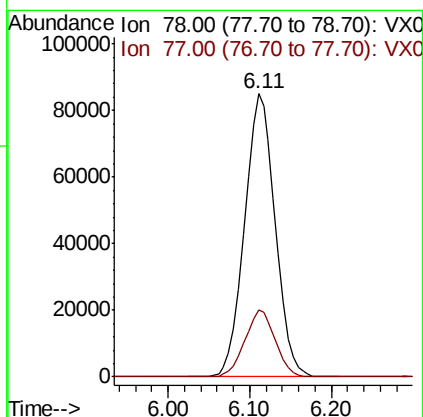
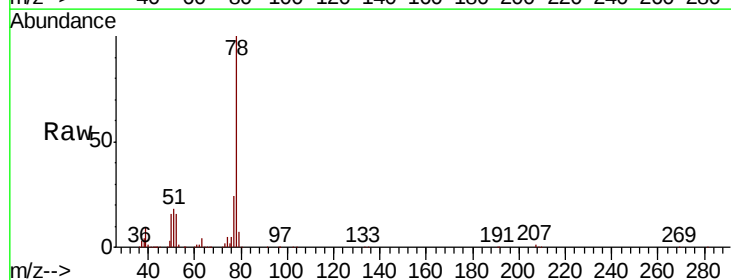
Instrument :
MSVOA_X
ClientSampled :

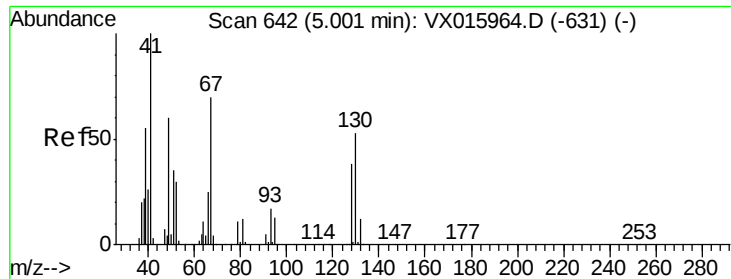
Tot Ion: 83 Resp: 92113
Ion Ratio Lower Upper
83 100
55 78.8 59.9 89.9
98 49.3 39.9 59.9



#40
Benzene
Concen: 18.714 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX015971.D
Acq: 29 Apr 2020 12:56

Tgt Ion: 78 Resp: 221479
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2

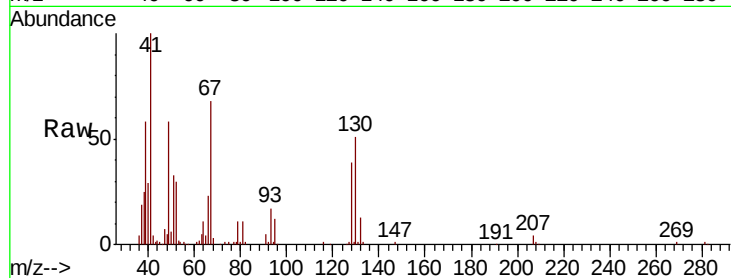




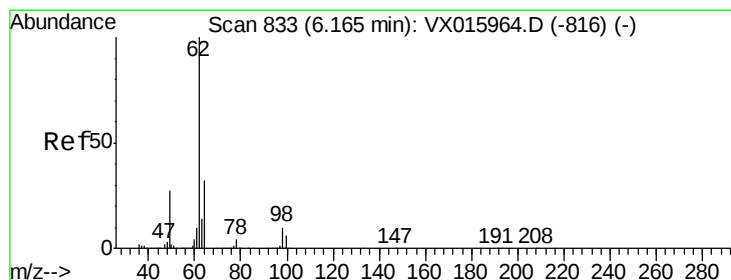
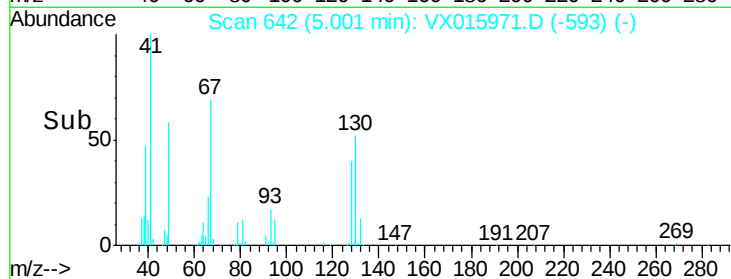
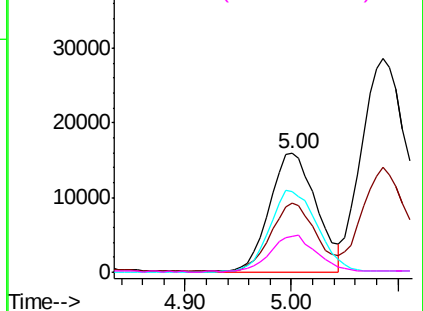
#41
Methacrylonitrile
Concen: 18.977 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX015971.D
Acq: 29 Apr 2020 12:56

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	48312
Ion	Ratio	Lower	Upper
41	100		
39	55.4	45.2	67.8
67	71.0	59.4	89.2
52	30.8	25.4	38.0

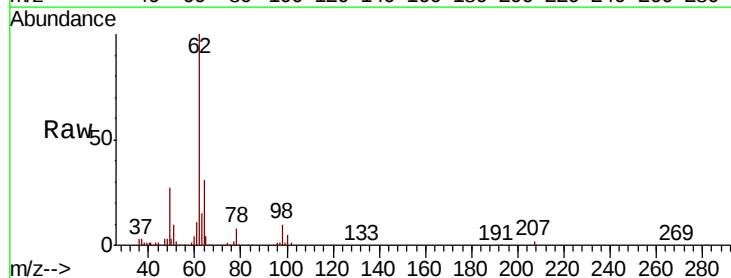


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

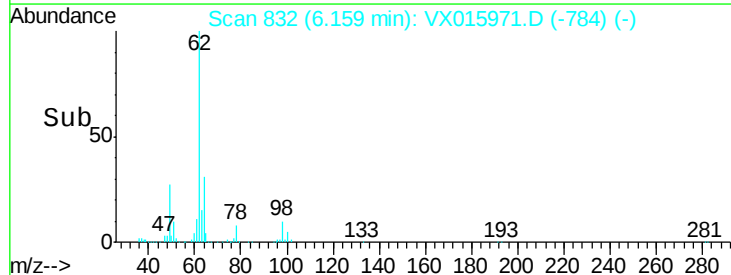
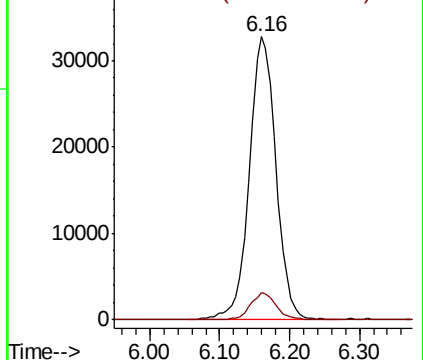


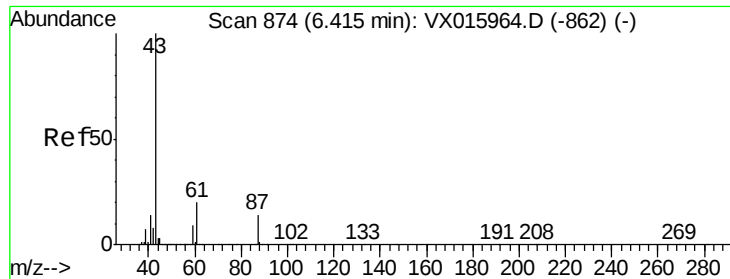
#42
1,2-Dichloroethane
Concen: 18.955 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX015971.D
Acq: 29 Apr 2020 12:56

Tgt Ion:	62	Resp:	86919
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



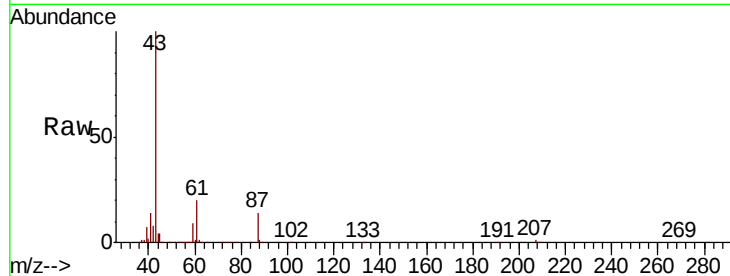


#43

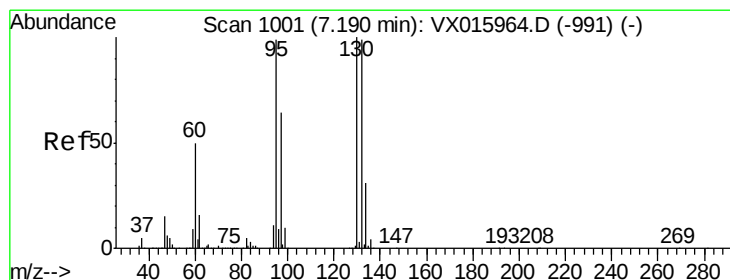
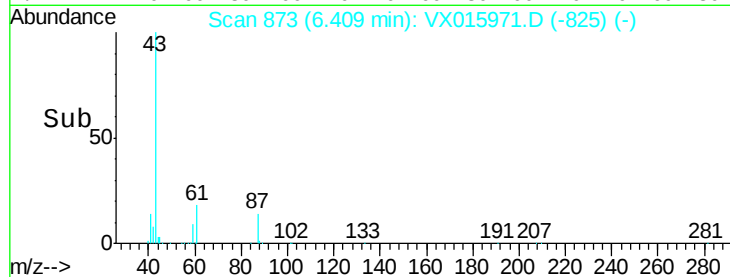
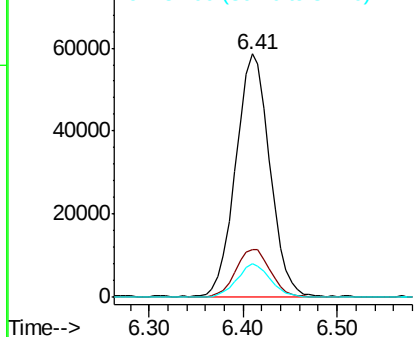
Isopropyl Acetate
 Concen: 18.513 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX015971.D
 Acq: 29 Apr 2020 12:56

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.1	24.1
87	13.7	10.9	16.3



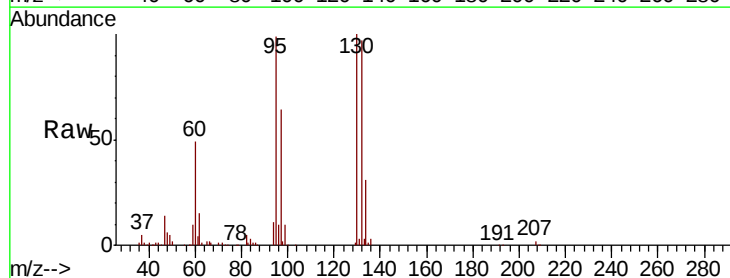
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



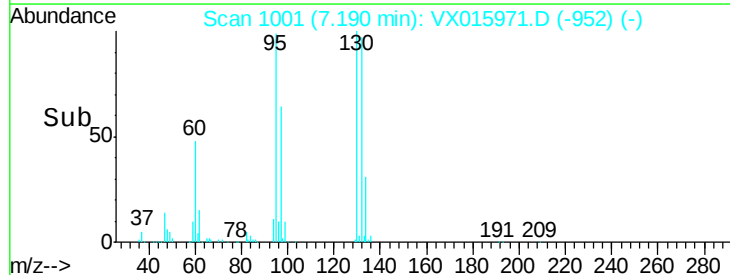
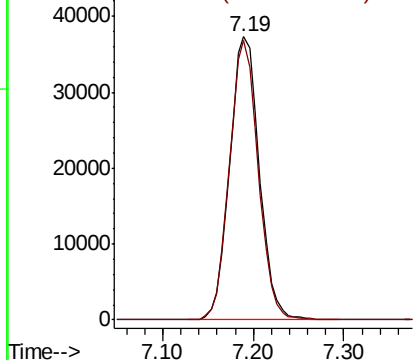
#44

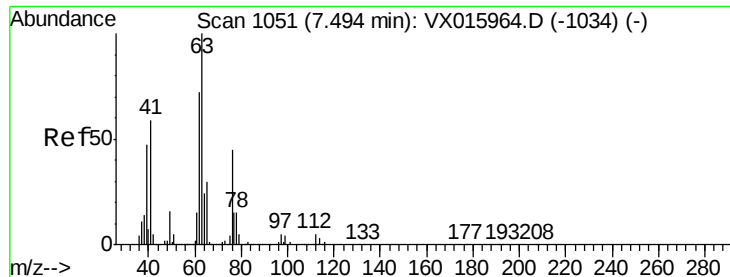
Trichloroethene
 Concen: 19.805 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX015971.D
 Acq: 29 Apr 2020 12:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.8	0.0	197.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

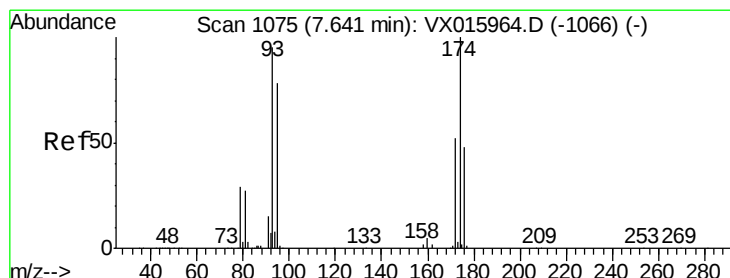
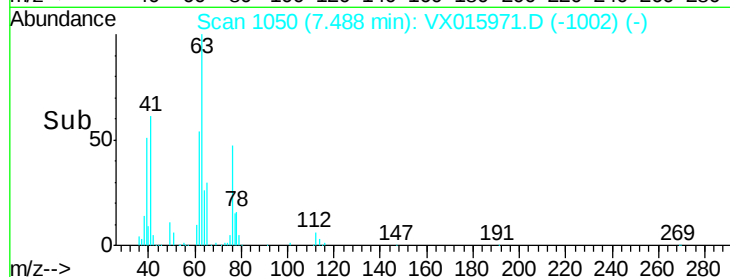
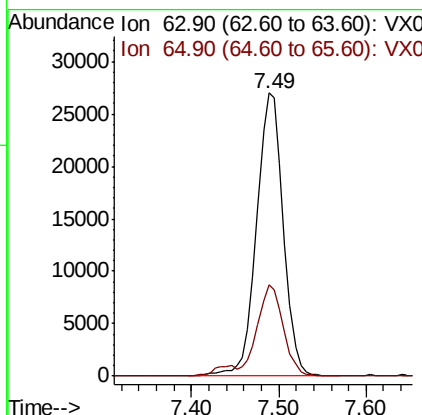
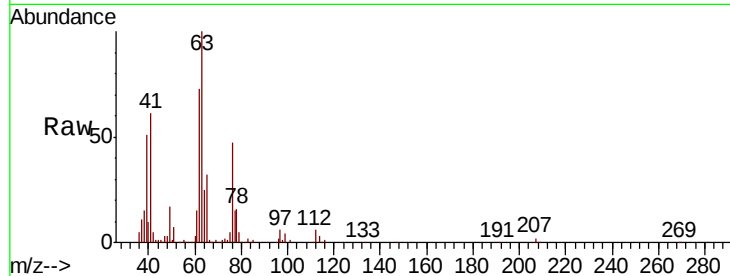




#45
 1,2-Dichloropropane
 Concen: 18.700 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX015971.D
 Acq: 29 Apr 2020 12:56

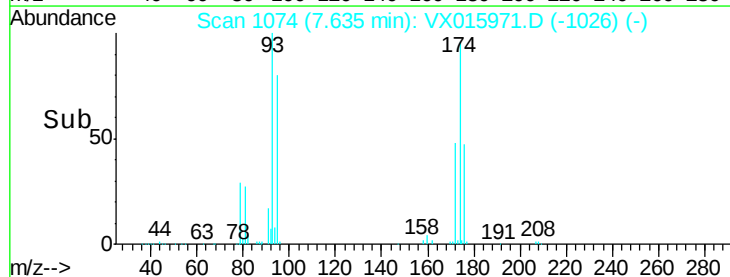
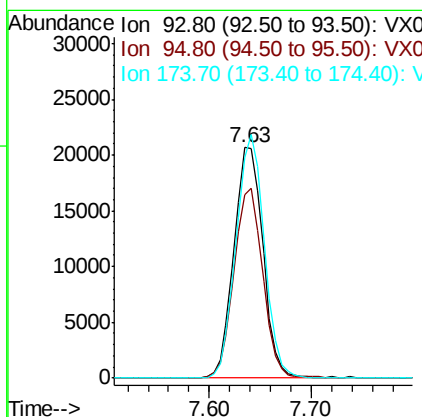
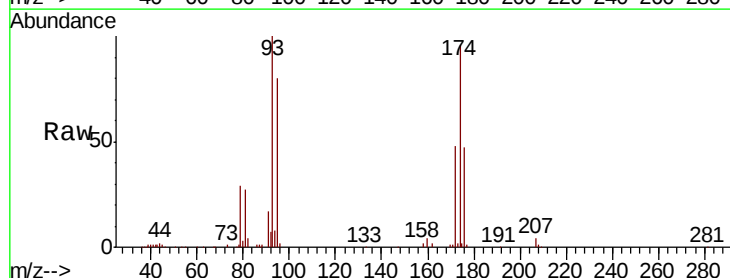
Instrument :
 MSVOA_X
 ClientSampleId :

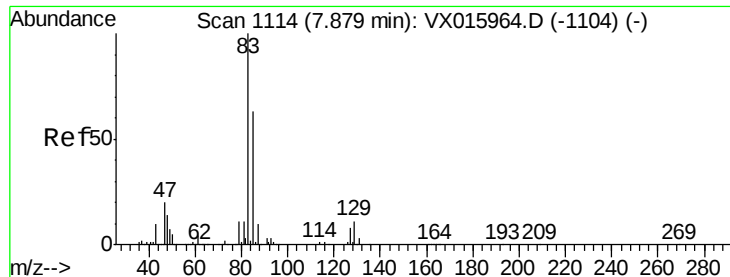
Tot Ion: 63 Resp: 57196
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.3 36.5



#46
 Dibromomethane
 Concen: 18.833 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX015971.D
 Acq: 29 Apr 2020 12:56

Tgt Ion: 93 Resp: 40931
 Ion Ratio Lower Upper
 93 100
 95 81.3 65.5 98.3
 174 102.3 82.7 124.1





#47

Bromodichloromethane

Concen: 18.710 ug/l

RT: 7.87 min Scan# 1113

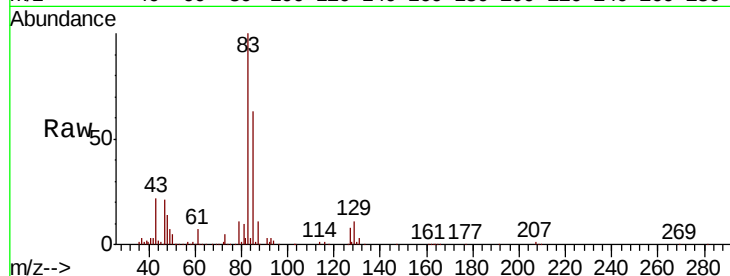
Delta R.T. -0.01 min

Lab File: VX015971.D

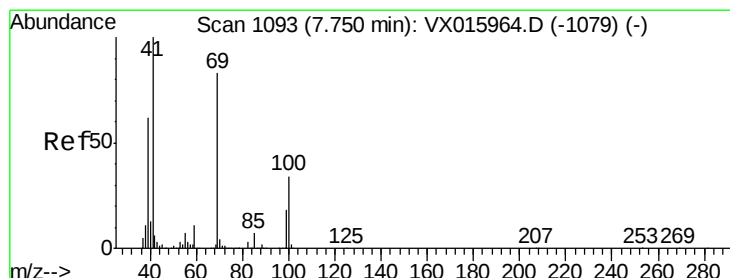
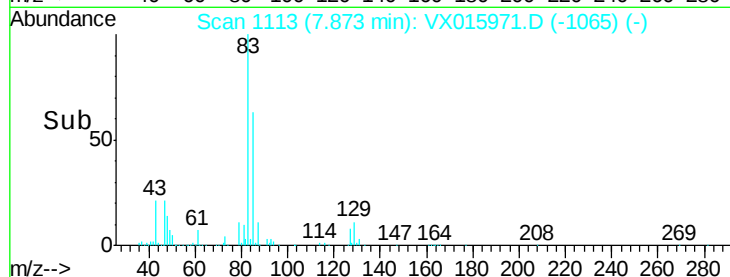
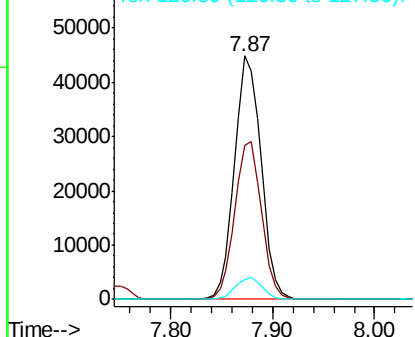
Acq: 29 Apr 2020 12:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	83	Resp:	80806
Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.6	75.8
127	8.3	6.7	10.1



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: 18.683 ug/l

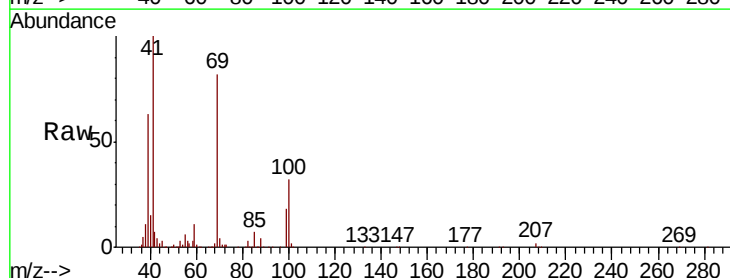
RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

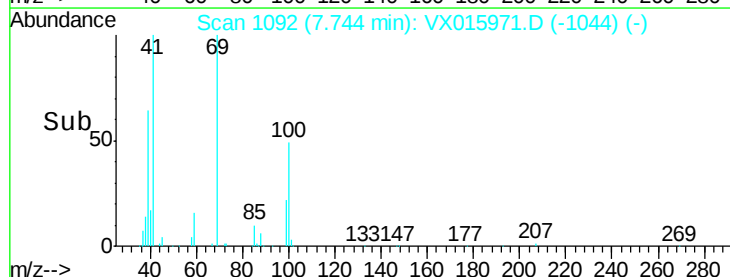
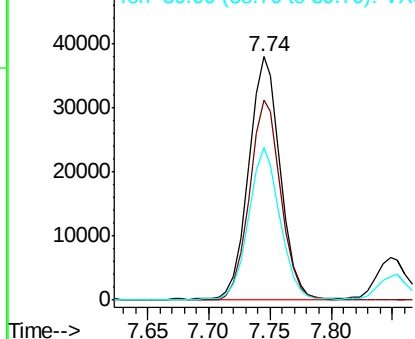
Lab File: VX015971.D

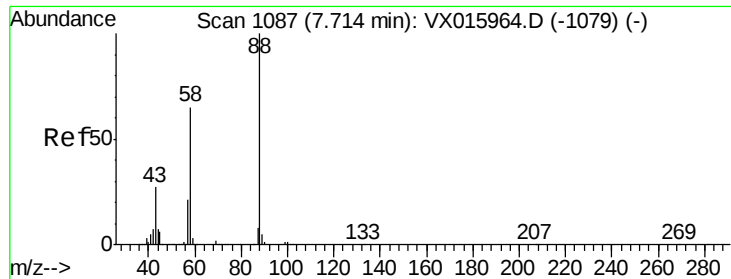
Acq: 29 Apr 2020 12:56

Tgt Ion:	41	Resp:	67937
Ion	Ratio	Lower	Upper
41	100		
69	82.2	66.0	99.0
39	62.0	49.0	73.4



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





#49

1,4-Dioxane

Concen: 370.204 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

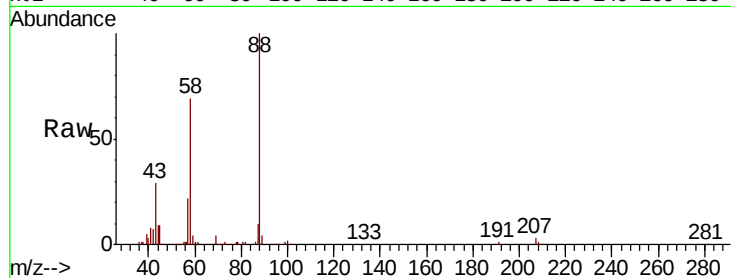
Tot Ion: 88 Resp: 31669

Ion Ratio Lower Upper

88 100

43 34.3 26.6 39.8

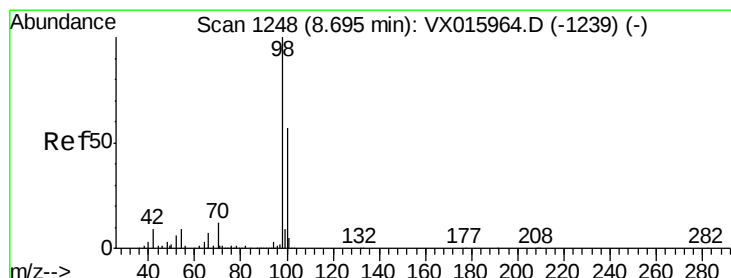
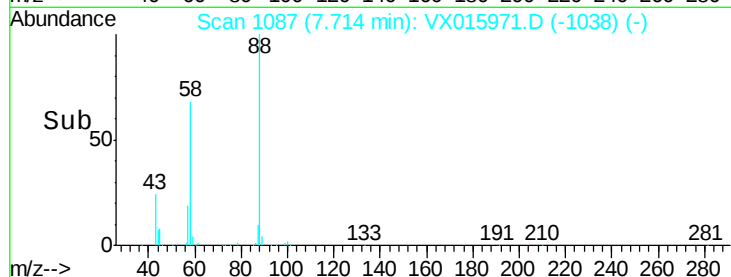
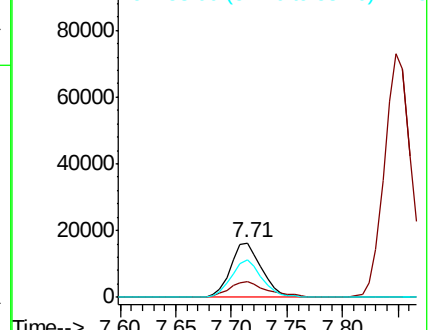
58 68.6 54.8 82.2



Abundance Ion 88.00 (87.70 to 88.70): VX015971.D (-1038) (-)

Ion 43.00 (42.70 to 43.70): VX015971.D (-1038) (-)

Ion 58.00 (57.70 to 58.70): VX015971.D (-1038) (-)



#50

Toluene-d8

Concen: 47.535 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX015971.D

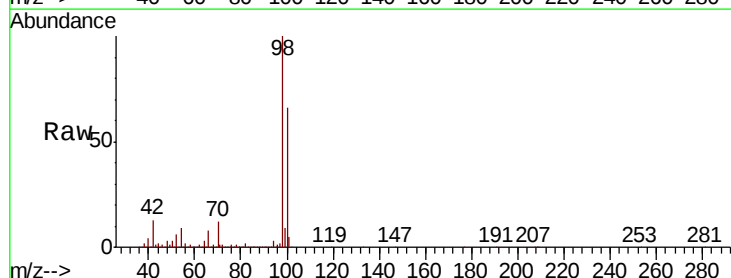
Acq: 29 Apr 2020 12:56

Tgt Ion: 98 Resp: 482822

Ion Ratio Lower Upper

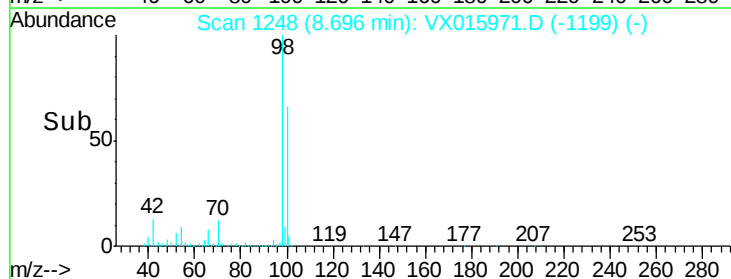
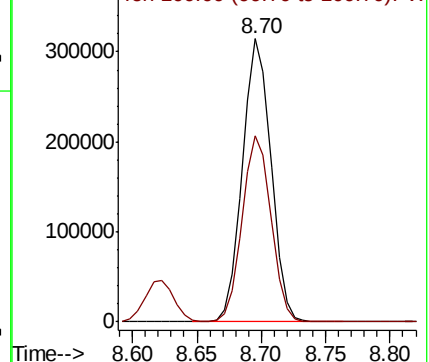
98 100

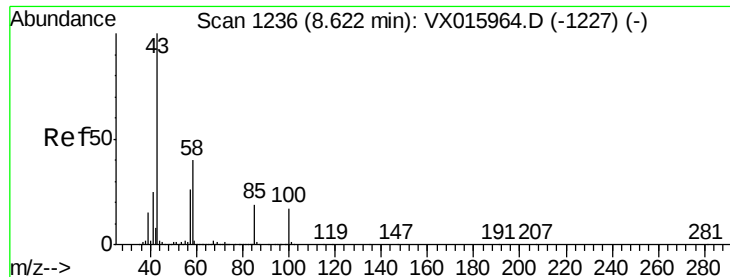
100 66.4 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX015971.D (-1199) (-)

Ion 100.00 (99.70 to 100.70): VX015971.D (-1199) (-)





#51

4-Methyl-2-Pentanone

Concen: 93.128 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

Instrument :

MSVOA_X

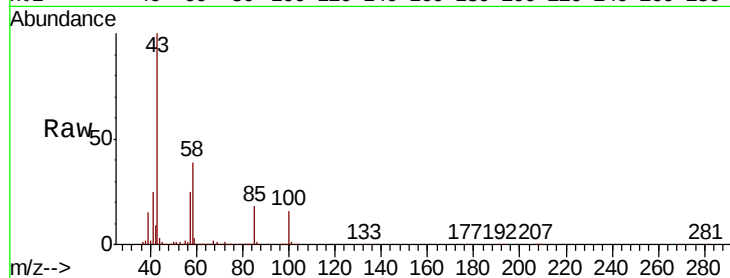
ClientSampleId :

Tot Ion: 43 Resp: 444896

Ion Ratio Lower Upper

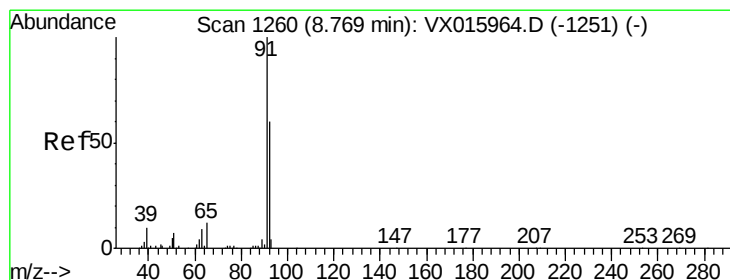
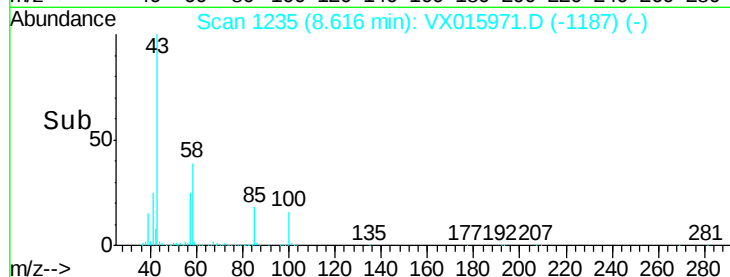
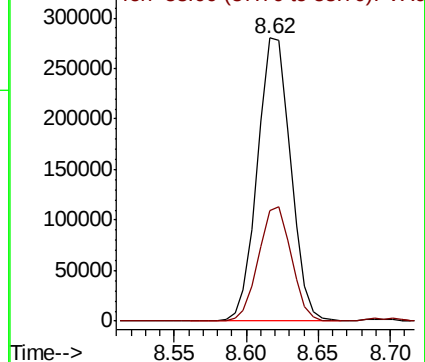
43 100

58 40.0 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.987 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX015971.D

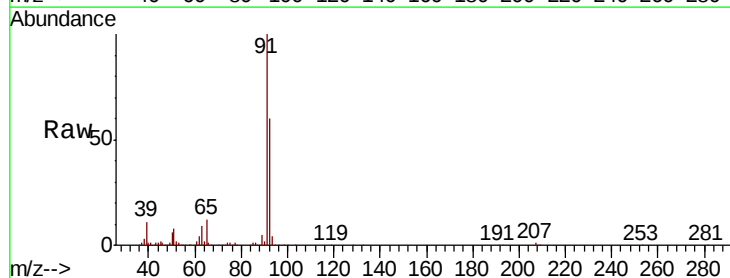
Acq: 29 Apr 2020 12:56

Tgt Ion: 92 Resp: 142639

Ion Ratio Lower Upper

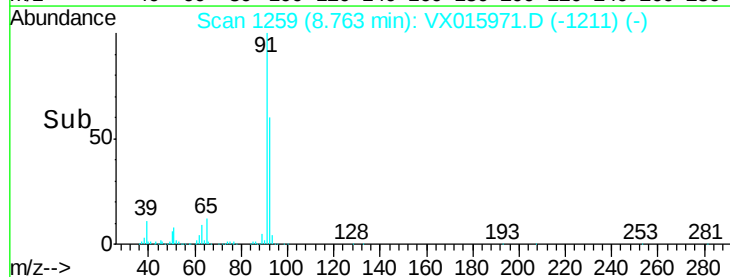
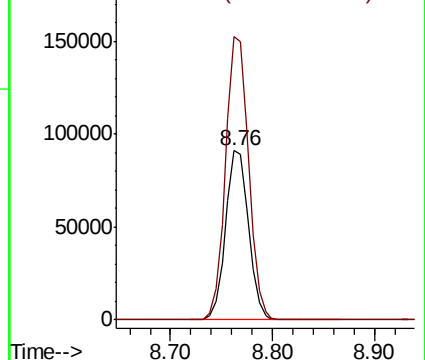
92 100

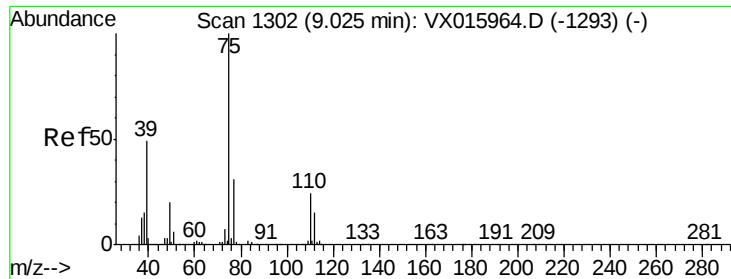
91 167.3 134.6 202.0



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: 18.348 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

Instrument :

MSVOA_X

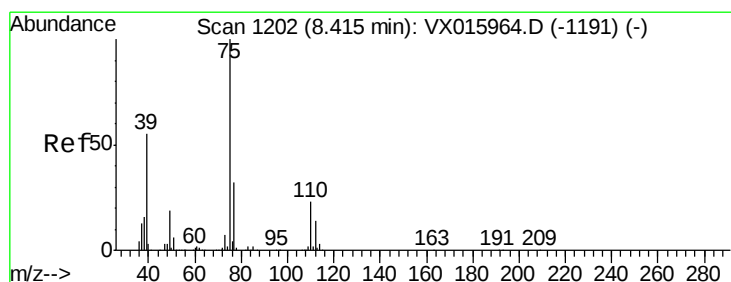
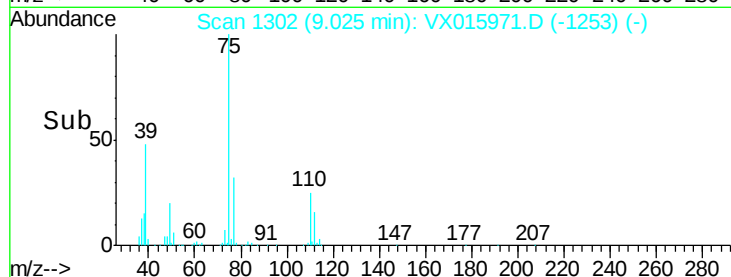
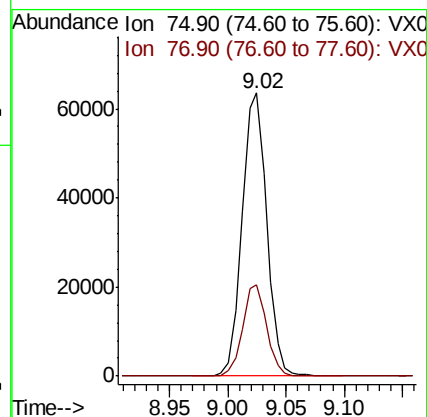
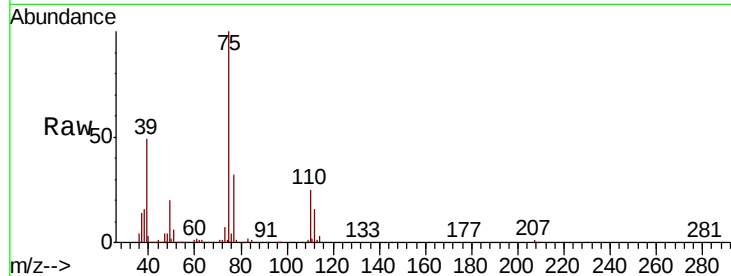
ClientSampleId :

Tot Ion: 75 Resp: 94024

Ion Ratio Lower Upper

75 100

77 32.3 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 18.682 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

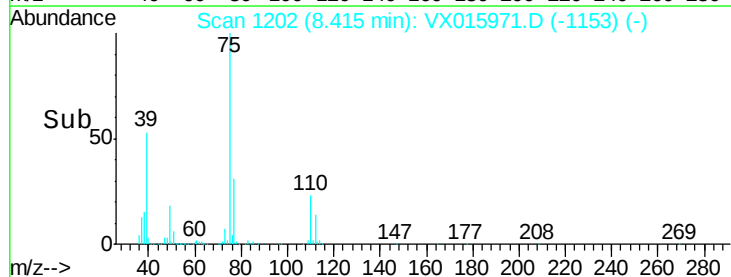
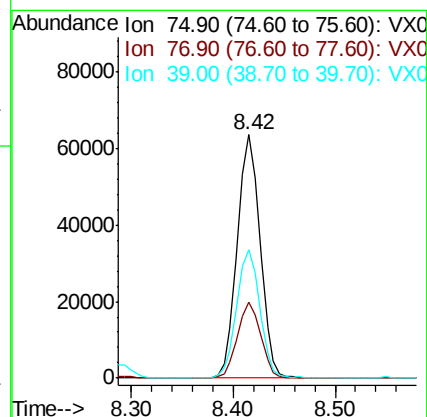
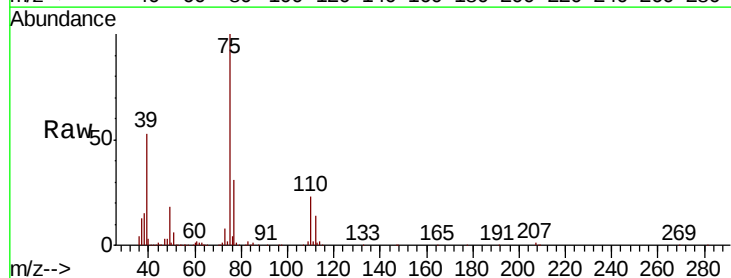
Tgt Ion: 75 Resp: 98462

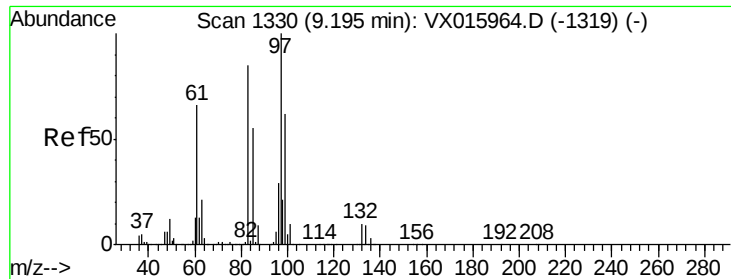
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

39 52.7 44.1 66.1





#55

1,1,2-Trichloroethane

Concen: 18.305 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 54953

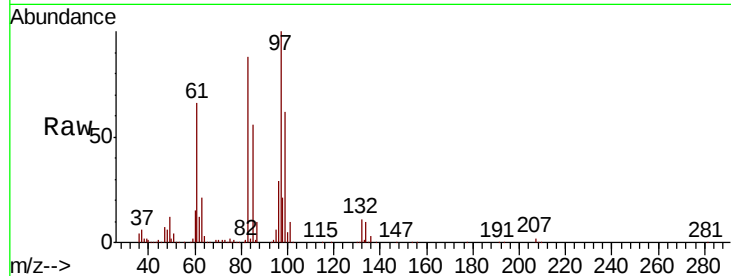
Ion Ratio Lower Upper

97 100

83 88.2 68.2 102.2

85 56.0 43.7 65.5

99 61.7 49.7 74.5

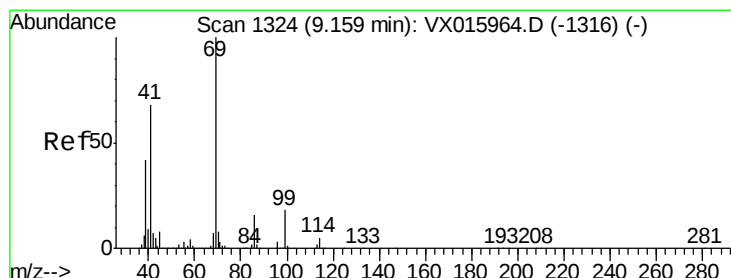
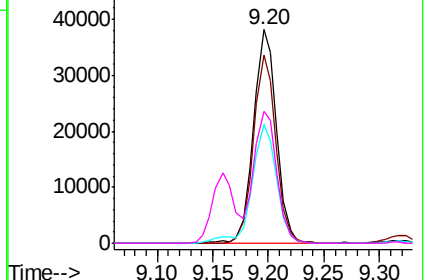
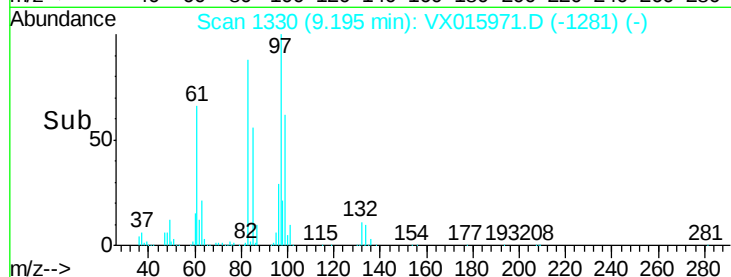


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 18.619 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

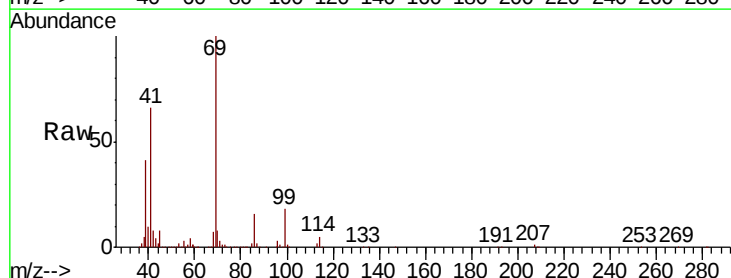
Tgt Ion: 69 Resp: 90889

Ion Ratio Lower Upper

69 100

41 66.9 53.5 80.3

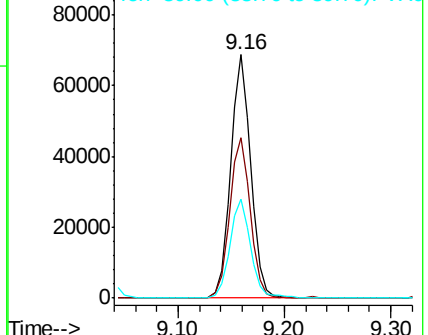
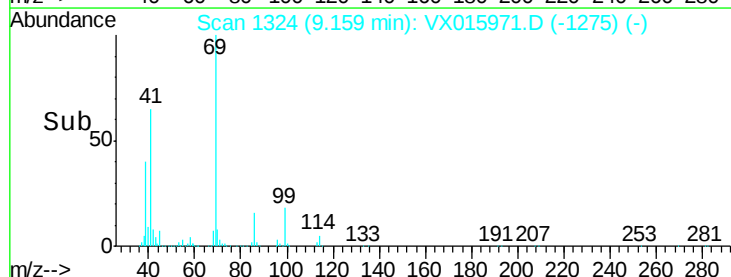
39 41.5 33.4 50.0

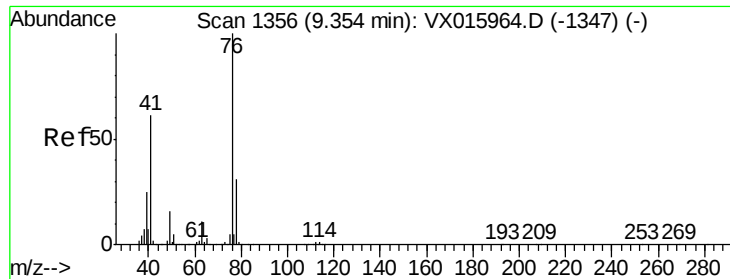


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

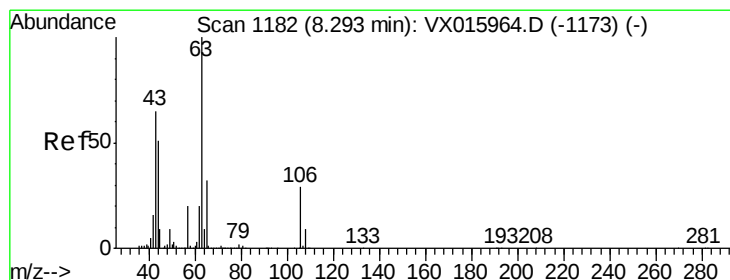
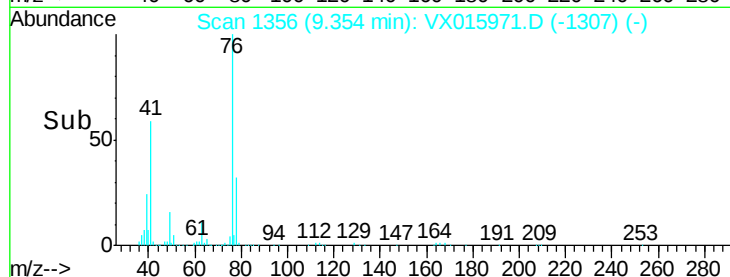
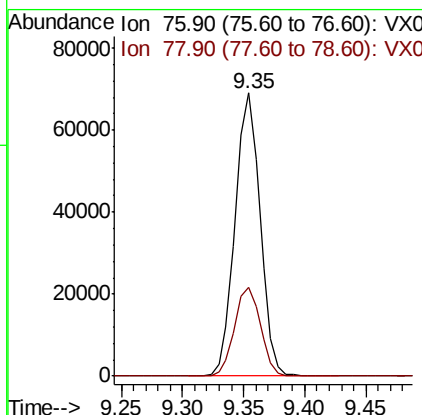
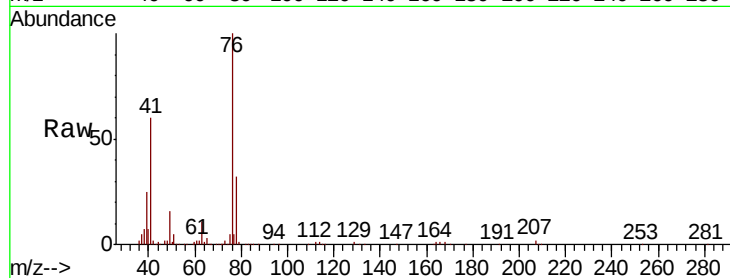




#57
 1,3-Dichloropropane
 Concen: 18.937 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX015971.D
 Acq: 29 Apr 2020 12:56

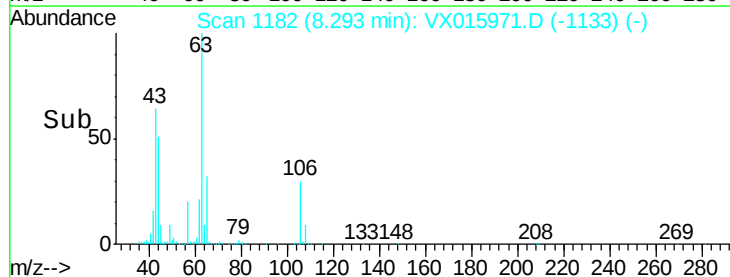
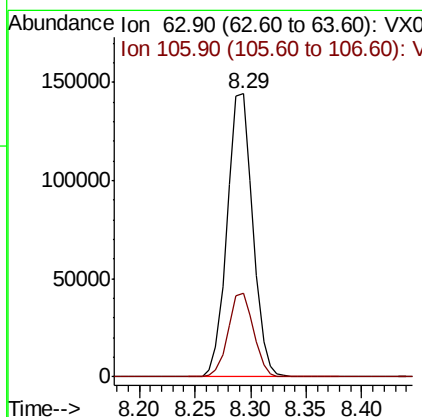
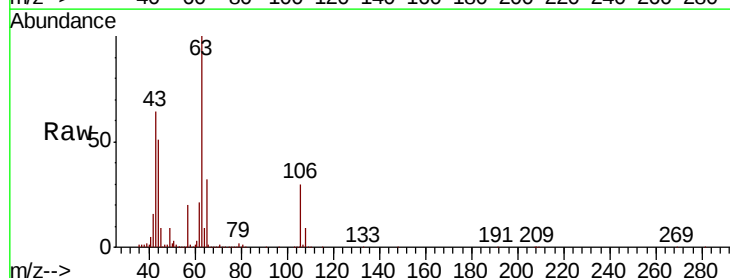
Instrument :
 MSVOA_X
 ClientSampleId :

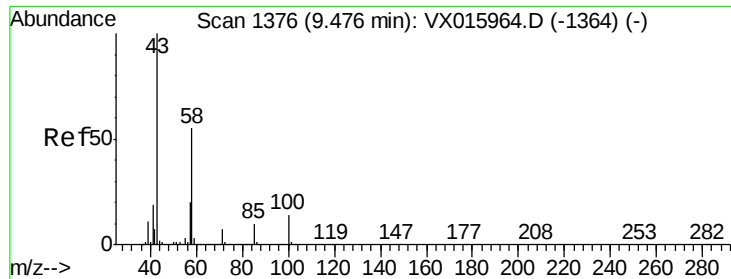
Tot Ion: 76 Resp: 97683
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.273 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX015971.D
 Acq: 29 Apr 2020 12:56

Tgt Ion: 63 Resp: 230246
 Ion Ratio Lower Upper
 63 100
 106 29.4 23.6 35.4

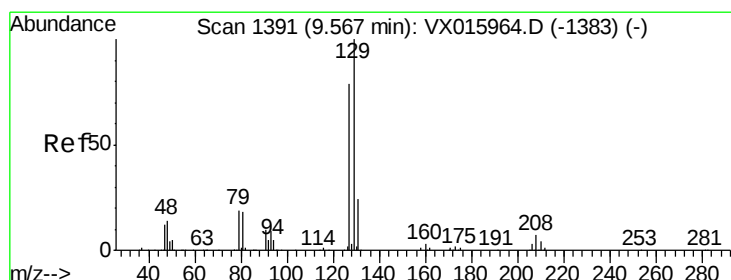
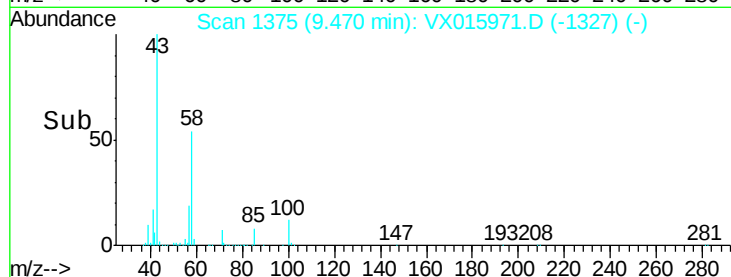
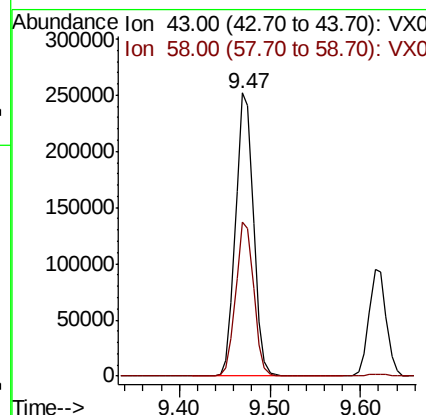
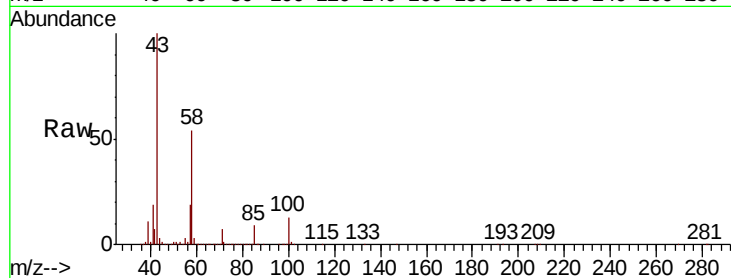




#59
2-Hexanone
Concen: 92.759 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX015971.D
Acq: 29 Apr 2020 12:56

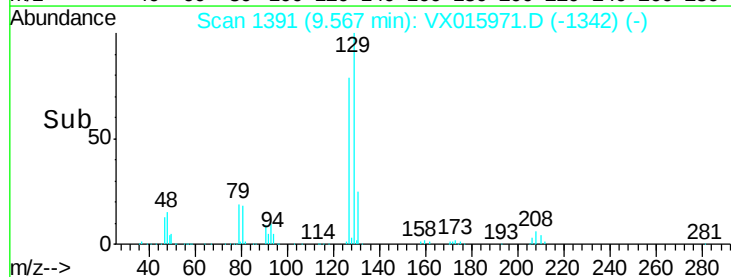
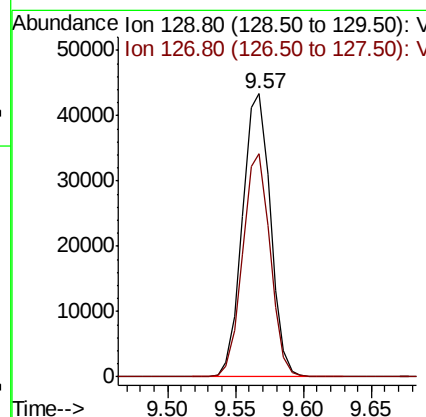
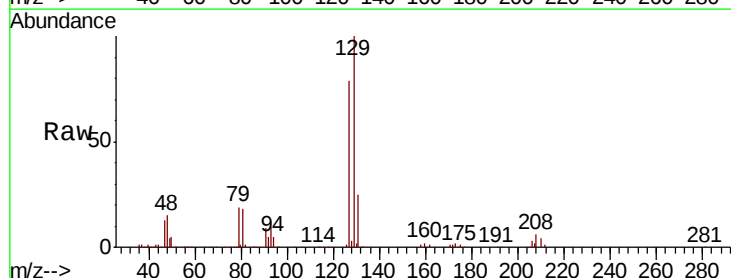
Instrument :
MSVOA_X
ClientSampleId :

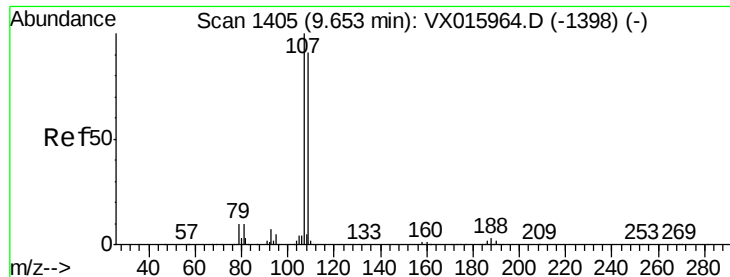
Tot Ion: 43 Resp: 346311
Ion Ratio Lower Upper
43 100
58 54.5 27.7 83.1



#60
Dibromochloromethane
Concen: 18.579 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX015971.D
Acq: 29 Apr 2020 12:56

Tgt Ion: 129 Resp: 62430
Ion Ratio Lower Upper
129 100
127 77.6 39.4 118.1





#61

1,2-Dibromoethane

Concen: 18.388 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

Instrument :

MSVOA_X

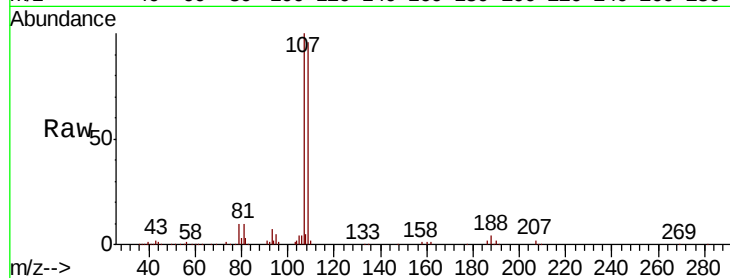
ClientSampleId :

Tot Ion:107 Resp: 59861

Ion Ratio Lower Upper

107 100

109 96.4 74.9 112.3

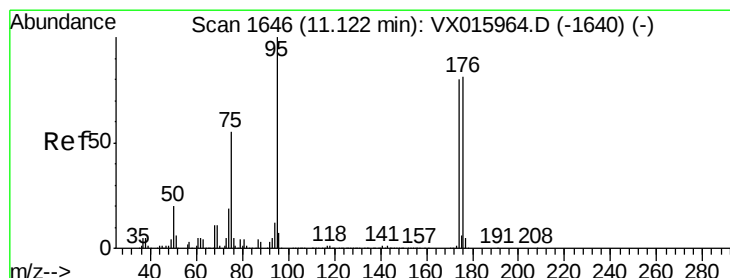
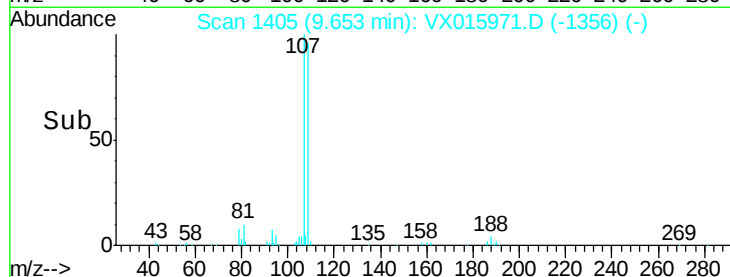


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 46.171 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

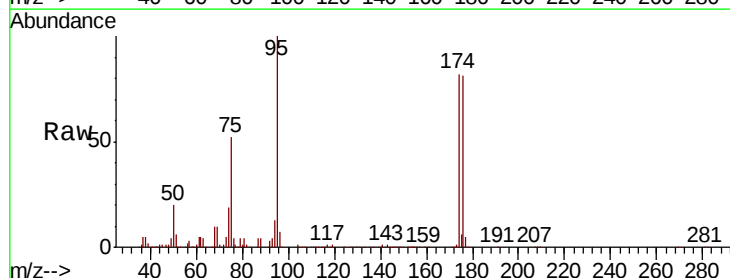
Tgt Ion: 95 Resp: 183937

Ion Ratio Lower Upper

95 100

174 81.7 0.0 165.0

176 80.1 0.0 163.2



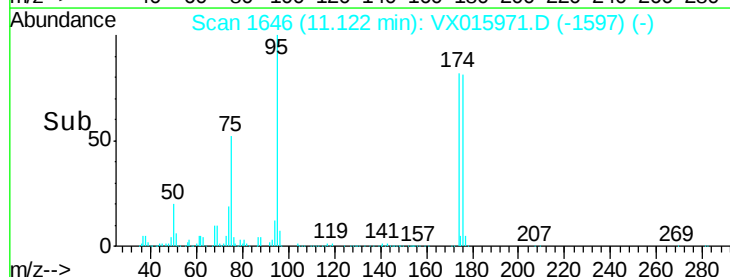
Abundance Ion 94.90 (94.60 to 95.60): VX0

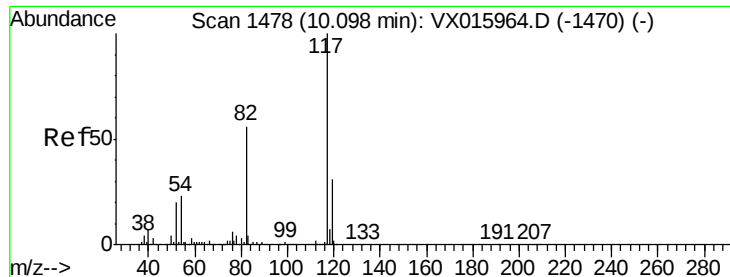
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

Time--> 11.10 11.20

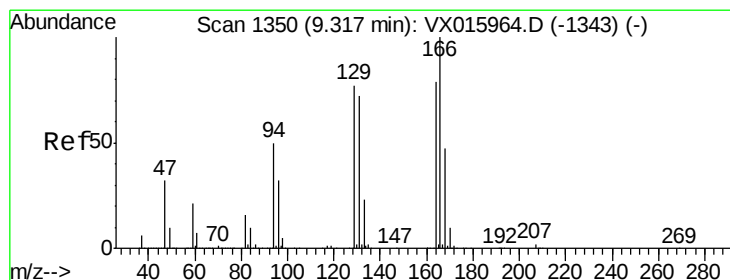
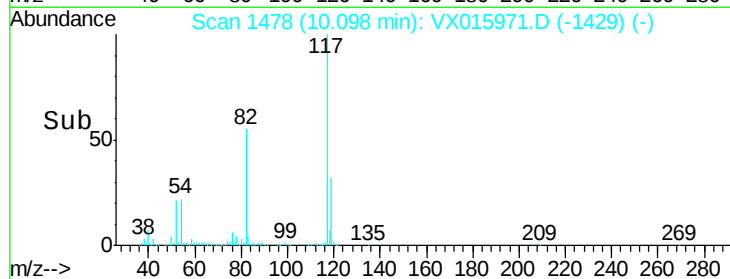
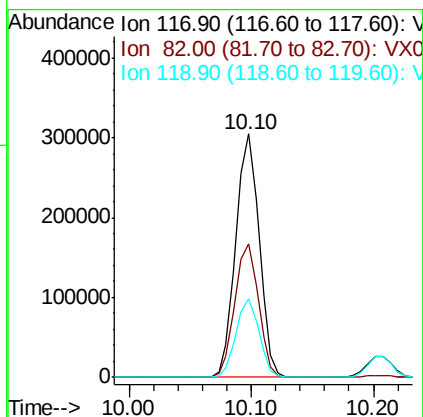
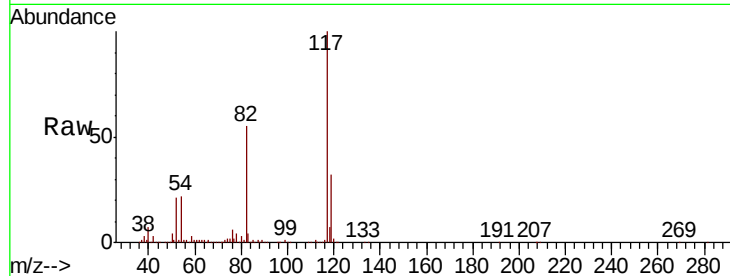




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015971.D
Acq: 29 Apr 2020 12:56

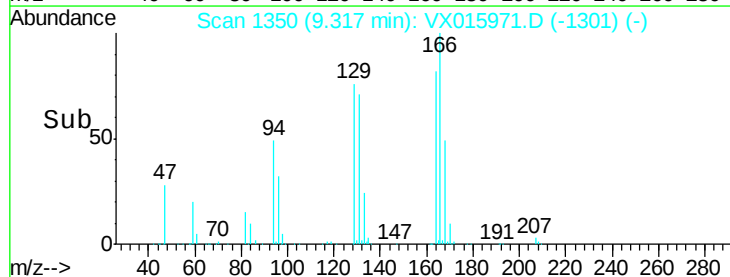
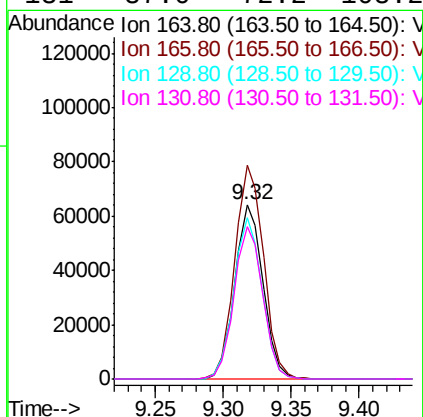
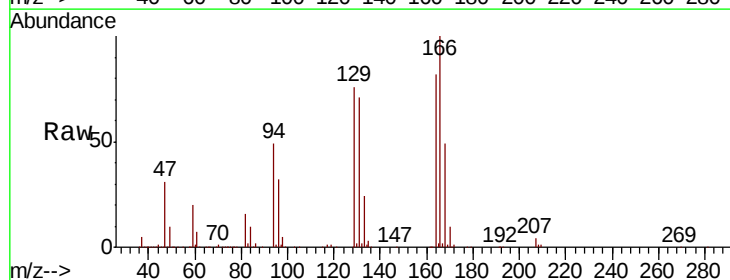
Instrument :
MSVOA_X
ClientSampleId :

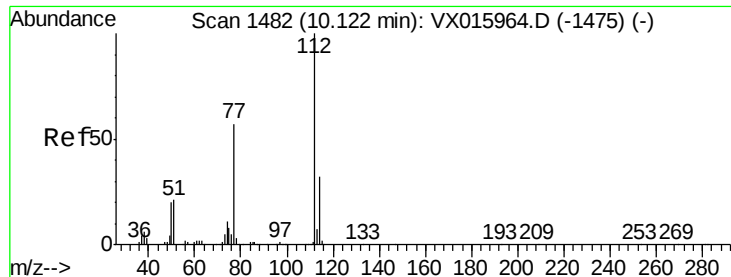
Tot Ion:117 Resp: 402575
Ion Ratio Lower Upper
117 100
82 54.7 44.5 66.7
119 32.1 25.0 37.6



#64
Tetrachloroethene
Concen: 19.435 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX015971.D
Acq: 29 Apr 2020 12:56

Tgt Ion:164 Resp: 92818
Ion Ratio Lower Upper
164 100
166 122.5 101.0 151.4
129 92.9 77.4 116.0
131 87.0 72.2 108.2

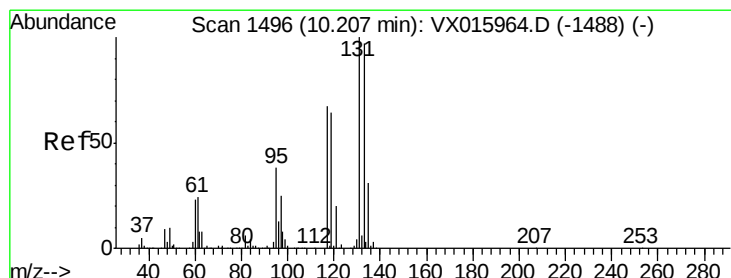
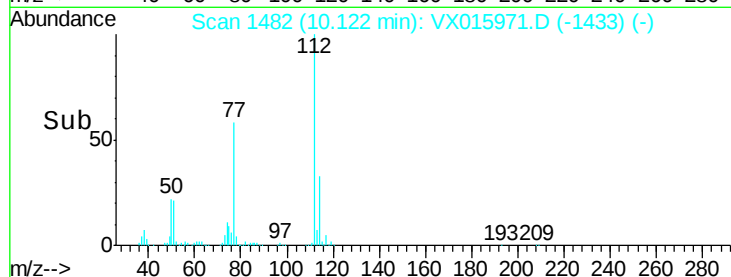
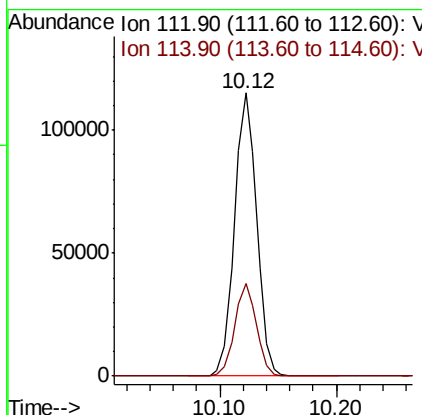
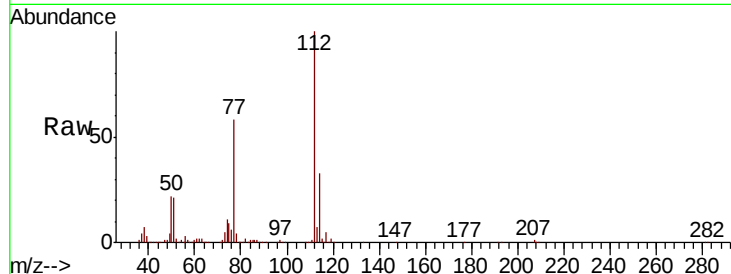




#65
Chlorobenzene
Concen: 18.685 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX015971.D
Acq: 29 Apr 2020 12:56

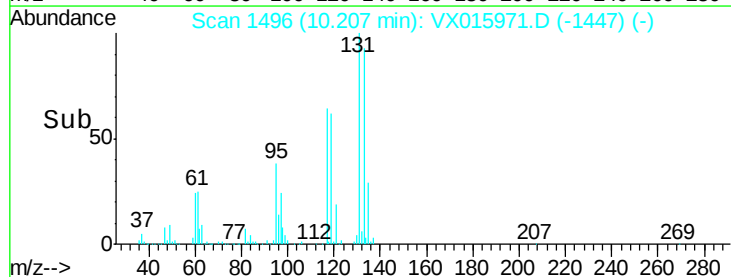
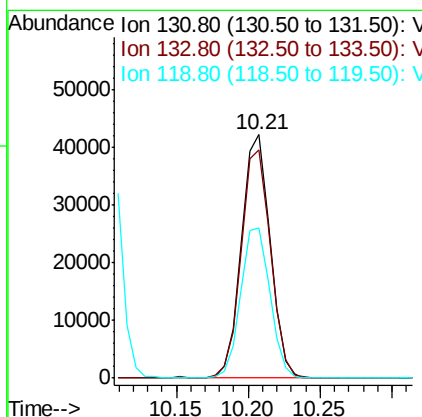
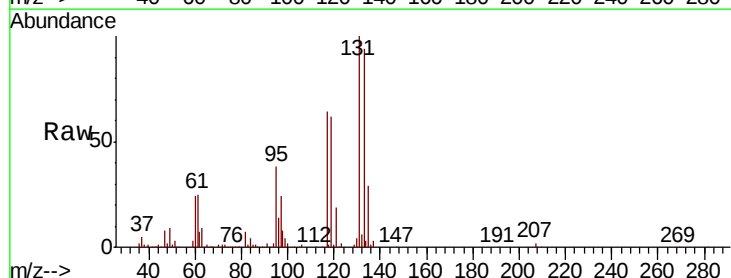
Instrument :
MSVOA_X
ClientSampleId :

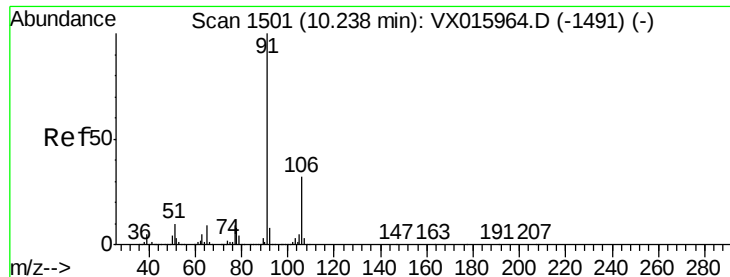
Tot Ion:112 Resp: 153208
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.825 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX015971.D
Acq: 29 Apr 2020 12:56

Tgt Ion:131 Resp: 58339
Ion Ratio Lower Upper
131 100
133 95.5 48.3 144.8
119 62.7 31.6 94.8

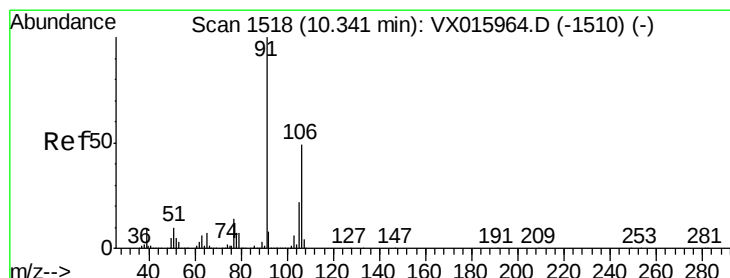
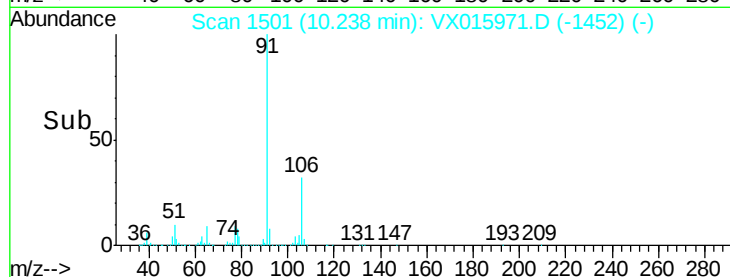
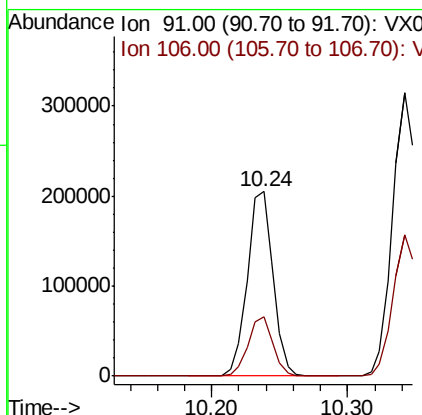
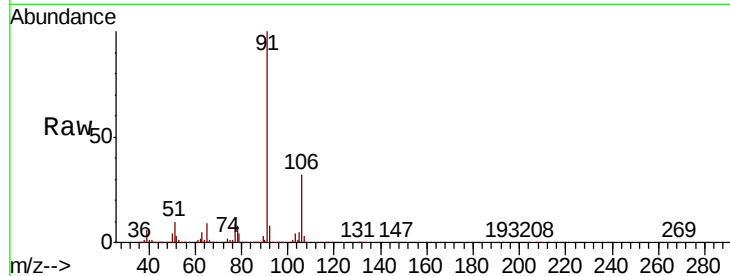




#67
Ethyl Benzene
Concen: 18.563 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX015971.D
Acq: 29 Apr 2020 12:56

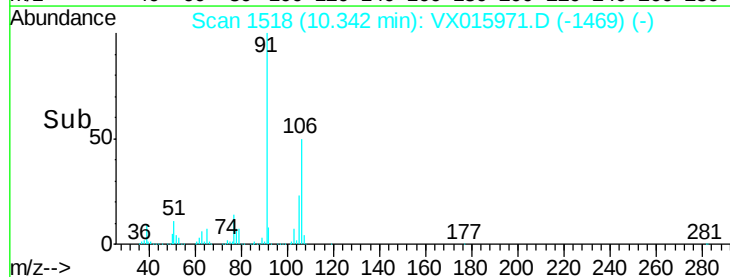
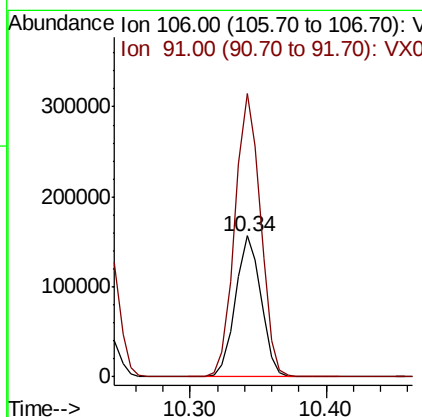
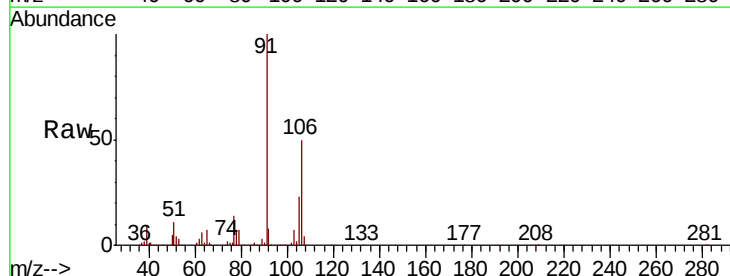
Instrument :
MSVOA_X
ClientSampleId :

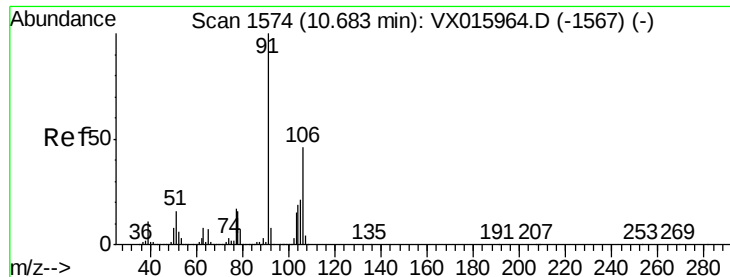
Tot Ion: 91 Resp: 271058
Ion Ratio Lower Upper
91 100
106 32.1 25.3 37.9



#68
m/p-Xylenes
Concen: 37.045 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX015971.D
Acq: 29 Apr 2020 12:56

Tgt Ion: 106 Resp: 205256
Ion Ratio Lower Upper
106 100
91 201.4 161.6 242.4

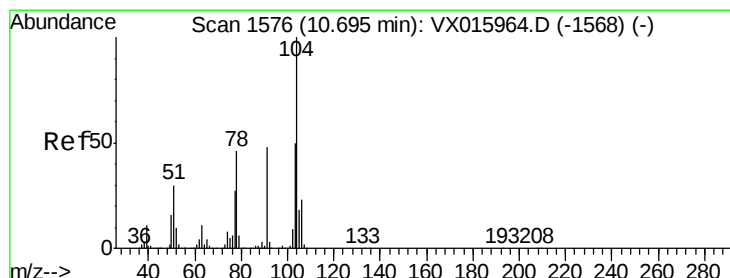
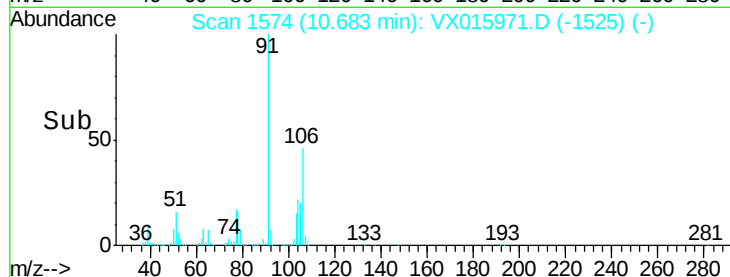
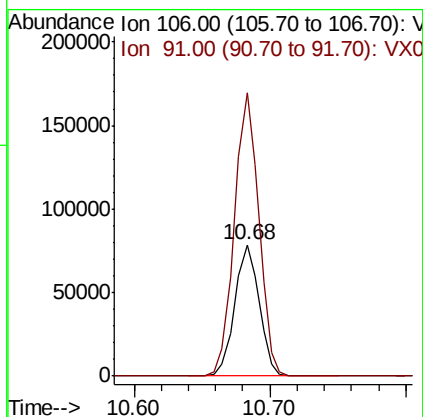
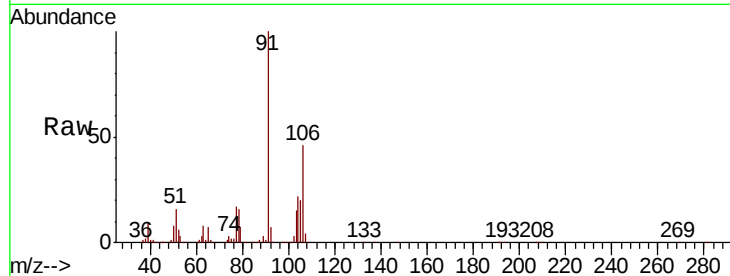




#69
o-Xylene
Concen: 18.773 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX015971.D
Acq: 29 Apr 2020 12:56

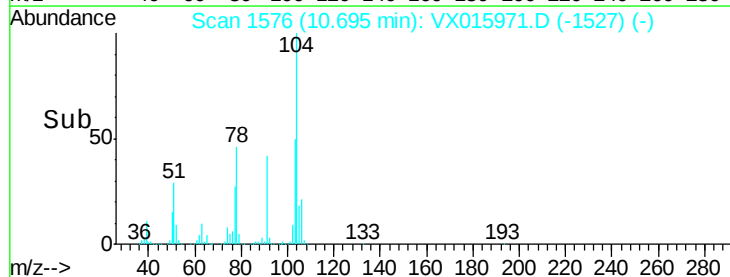
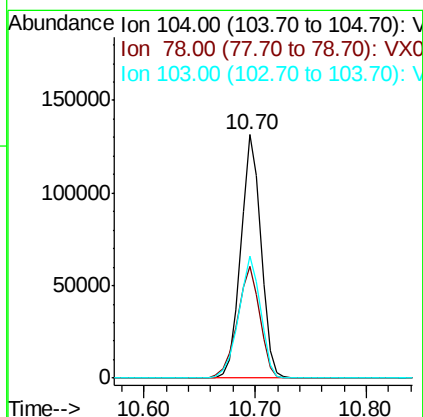
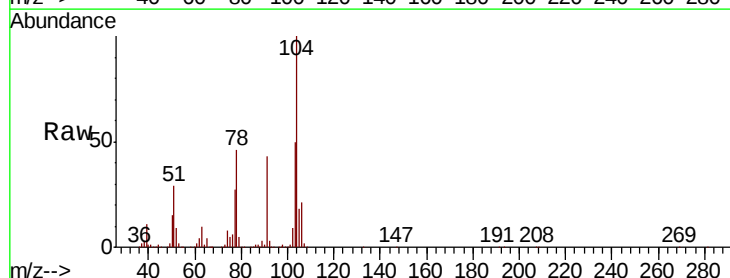
Instrument :
MSVOA_X
ClientSampleId :

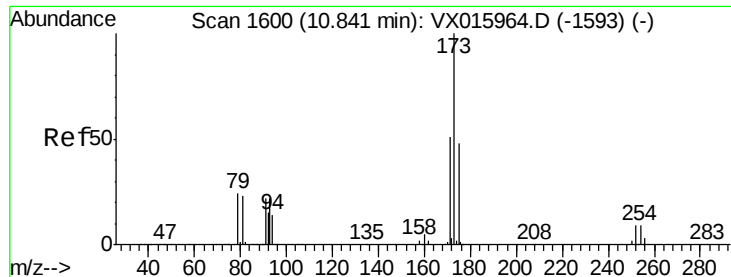
Tot Ion:106 Resp: 98759
Ion Ratio Lower Upper
106 100
91 215.2 106.1 318.3



#70
Styrene
Concen: 18.285 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX015971.D
Acq: 29 Apr 2020 12:56

Tgt Ion:104 Resp: 165051
Ion Ratio Lower Upper
104 100
78 51.4 41.0 61.4
103 54.3 43.4 65.2

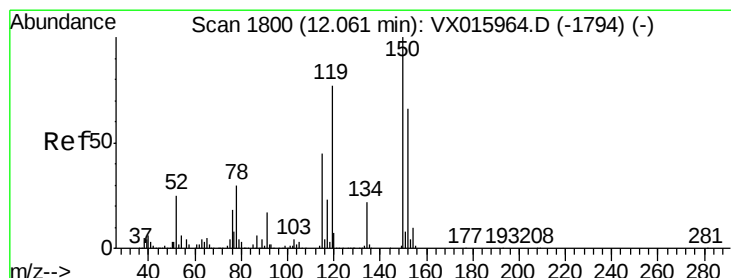
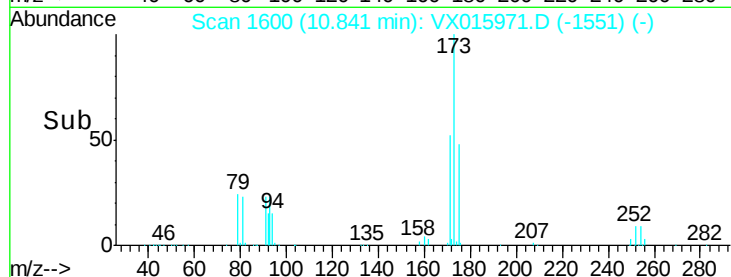
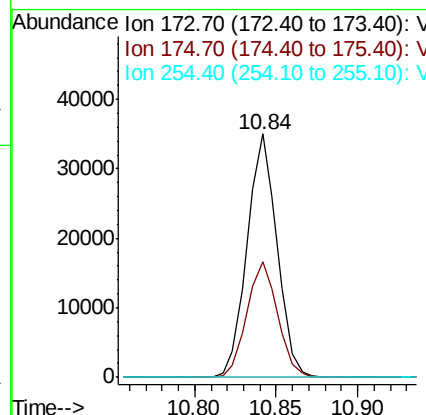
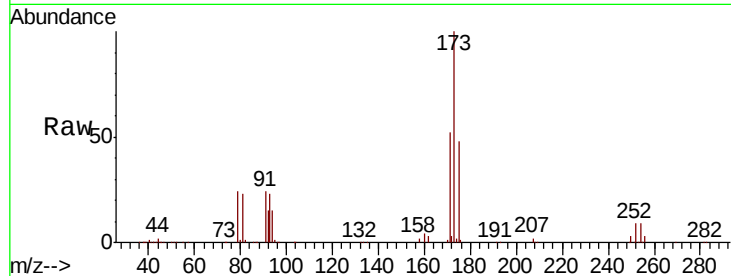




#71
Bromoform
Concen: 17.660 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX015971.D
Acq: 29 Apr 2020 12:56

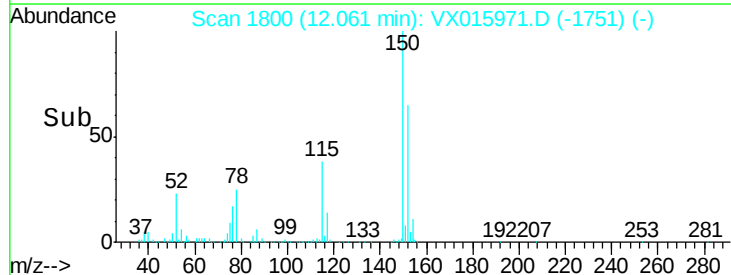
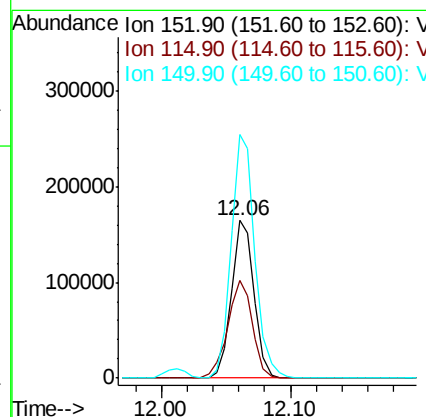
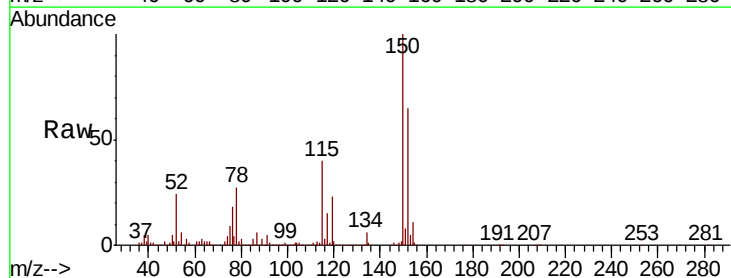
Instrument :
MSVOA_X
ClientSampleId :

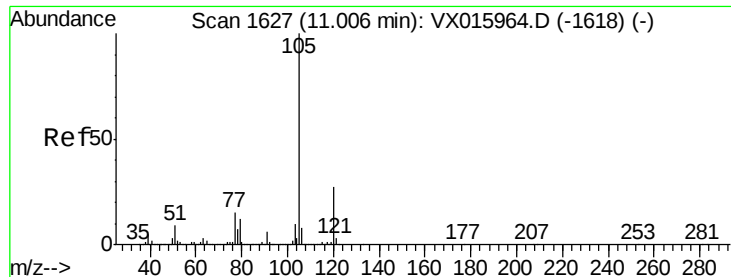
Tot Ion:173 Resp: 44694
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.4
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX015971.D
Acq: 29 Apr 2020 12:56

Tgt Ion:152 Resp: 201907
Ion Ratio Lower Upper
152 100
115 68.2 40.9 122.7
150 162.4 0.0 342.4





#73

Isopropylbenzene

Concen: 19.302 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

Instrument :

MSVOA_X

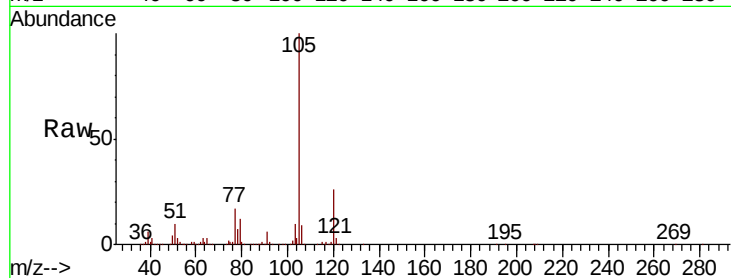
ClientSampleId :

Tot Ion: 105 Resp: 265116

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

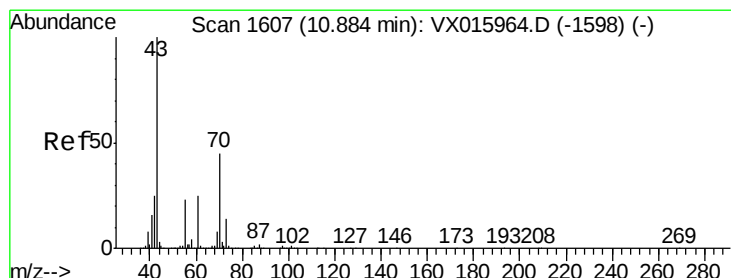
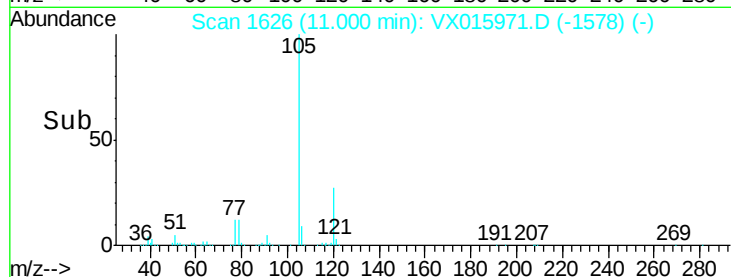
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 18.933 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

Tgt Ion: 43 Resp: 125419

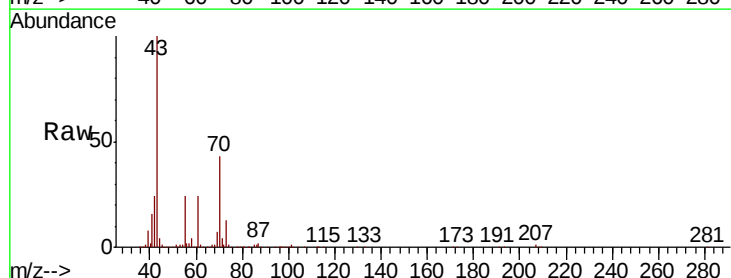
Ion Ratio Lower Upper

43 100

70 43.1 34.5 51.7

55 23.9 18.6 28.0

61 24.4 19.8 29.6



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

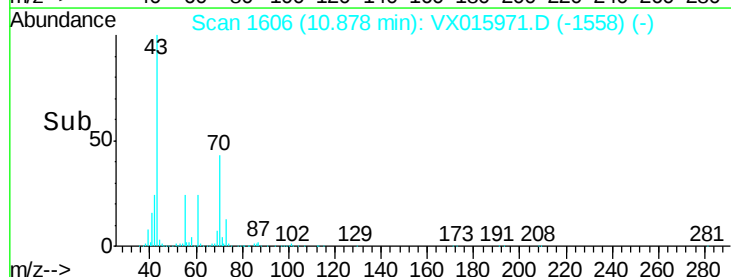
150000

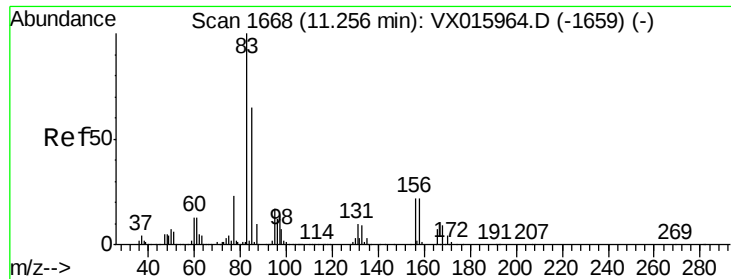
100000

50000

0

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 16.125 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

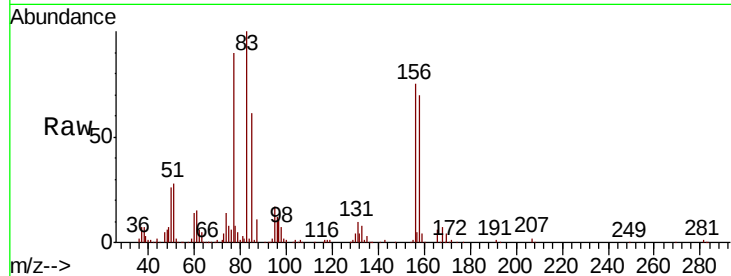
Tot Ion: 83 Resp: 42779

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

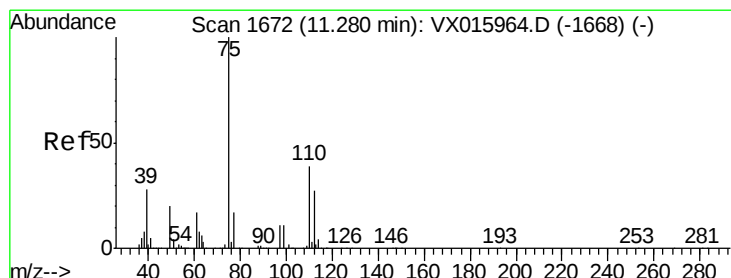
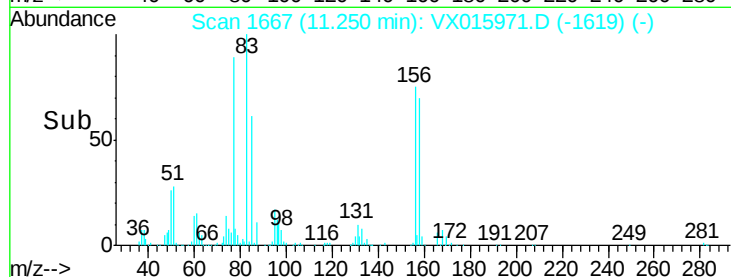
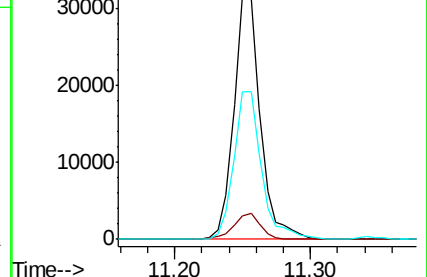
85 63.5 32.2 96.6



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: 25.334 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX015971.D

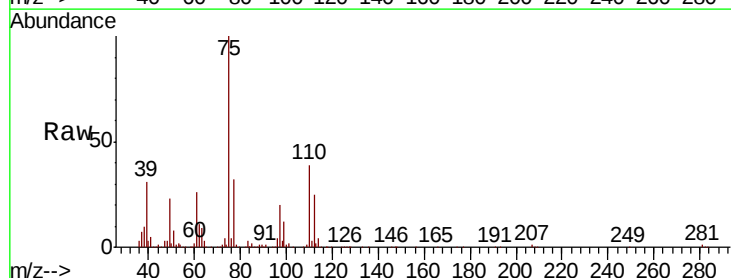
Acq: 29 Apr 2020 12:56

Tgt Ion: 75 Resp: 107334

Ion Ratio Lower Upper

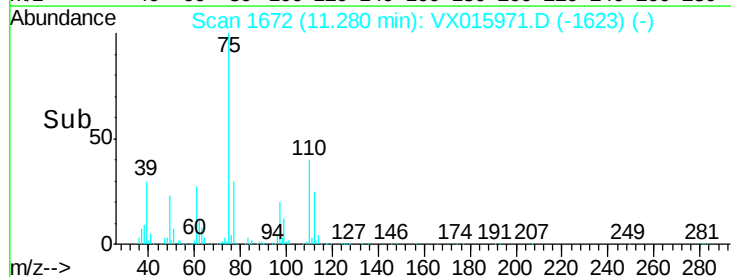
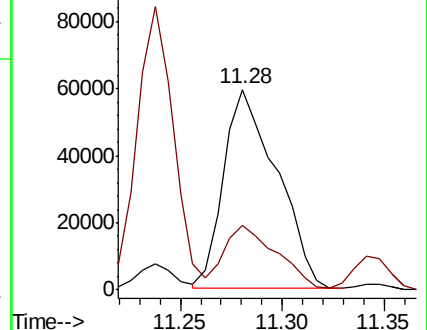
75 100

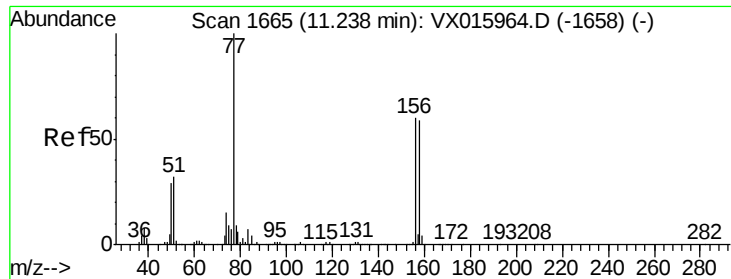
77 32.0 21.6 65.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.036 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

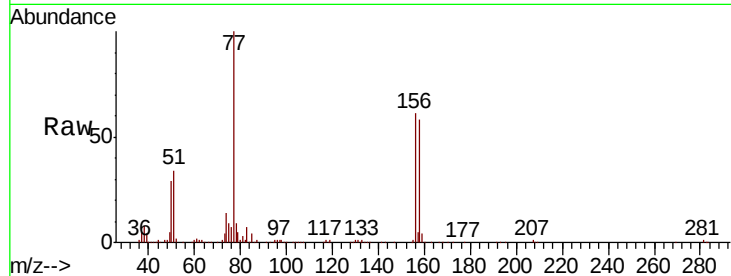
Tot Ion:156 Resp: 67303

Ion Ratio Lower Upper

156 100

77 157.2 78.3 234.8

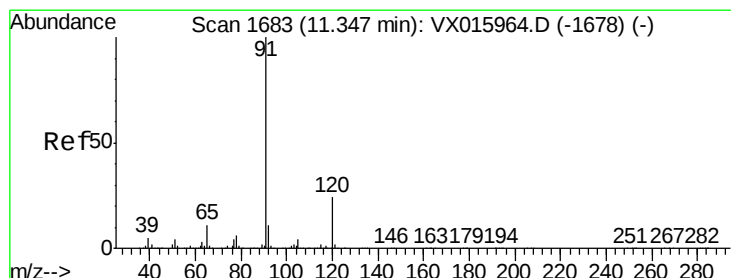
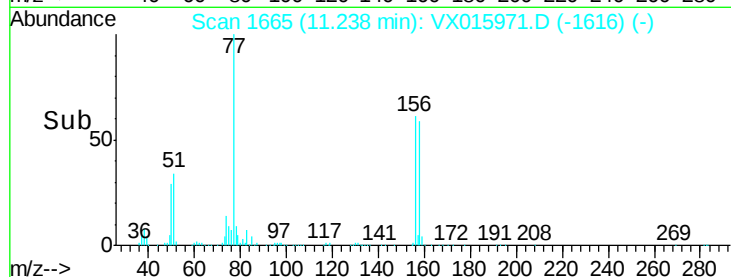
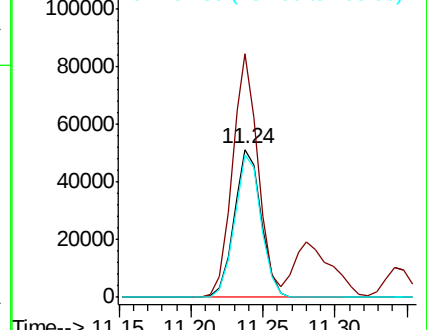
158 94.7 48.5 145.5



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: 19.341 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX015971.D

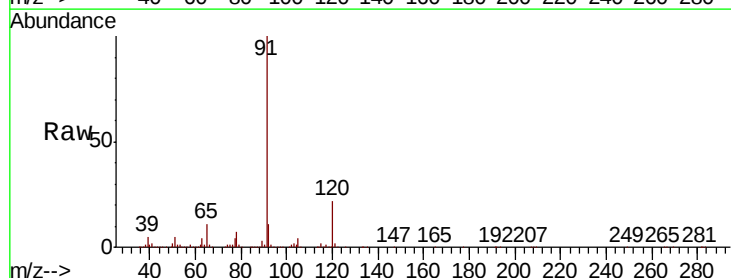
Acq: 29 Apr 2020 12:56

Tgt Ion: 91 Resp: 305601

Ion Ratio Lower Upper

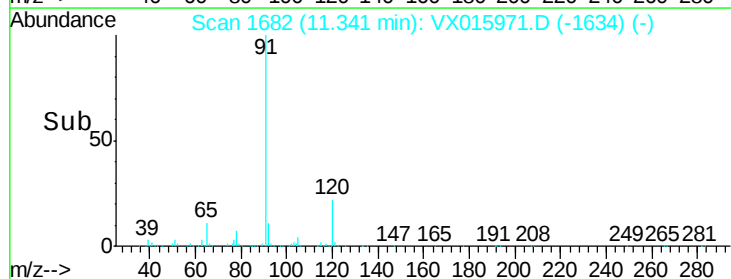
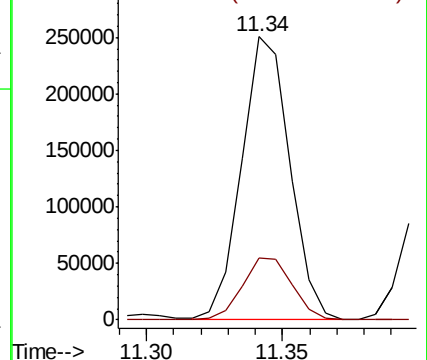
91 100

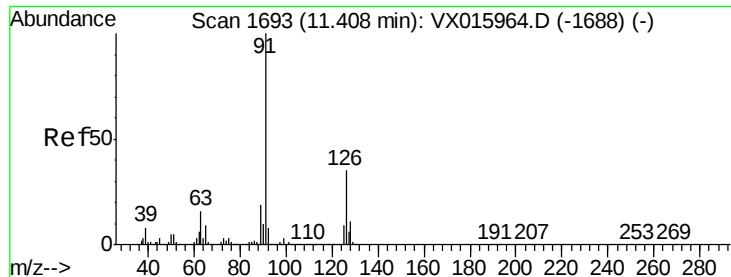
120 22.8 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

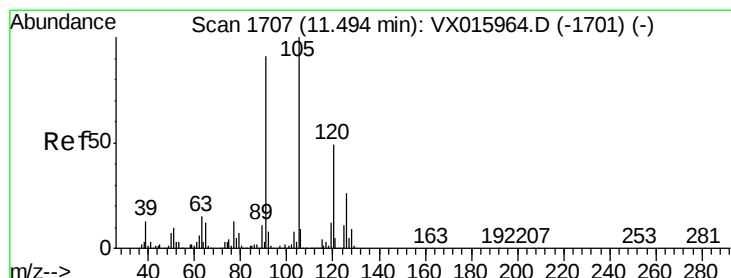
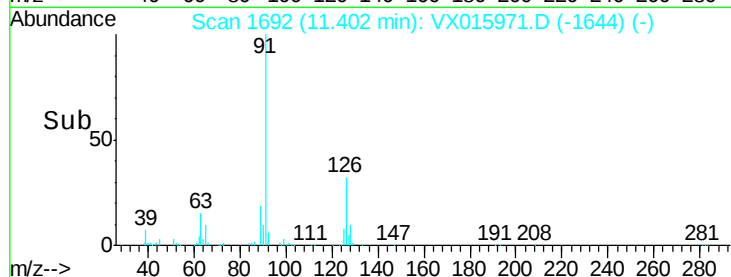
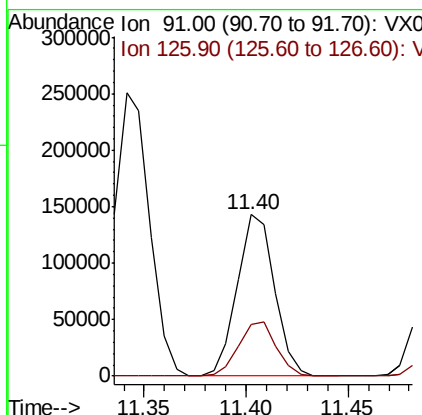
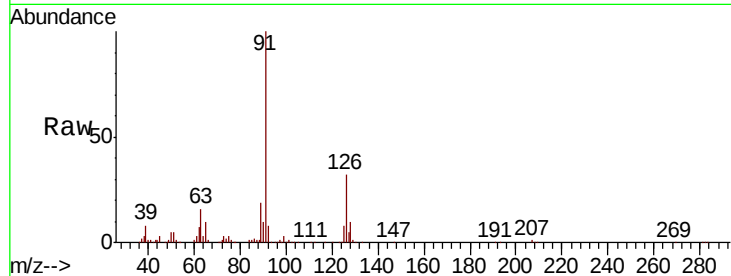




#79
2-Chlorotoluene
Concen: 19.204 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.01 min
Lab File: VX015971.D
Acq: 29 Apr 2020 12:56

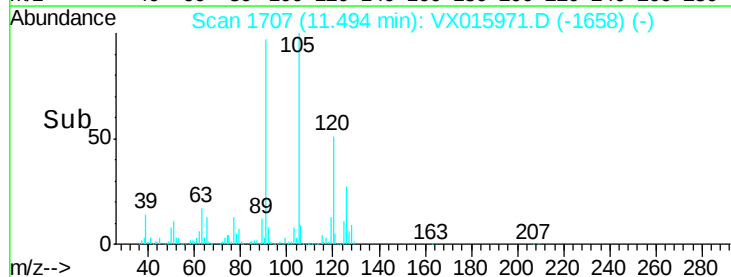
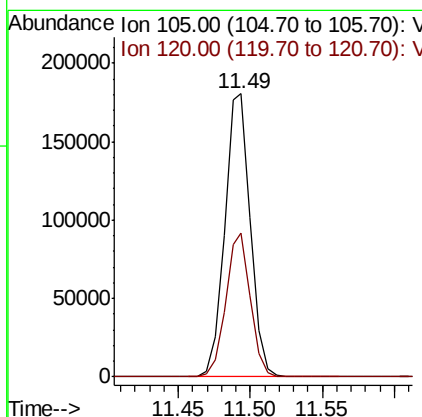
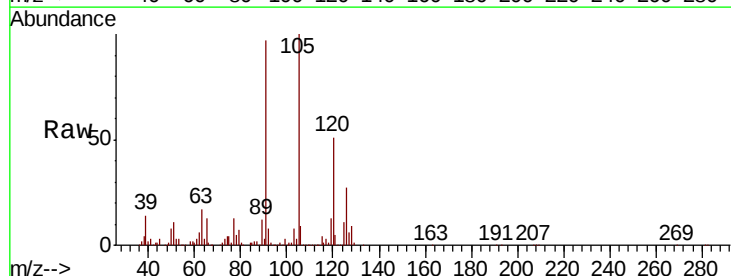
Instrument :
MSVOA_X
ClientSampleId :

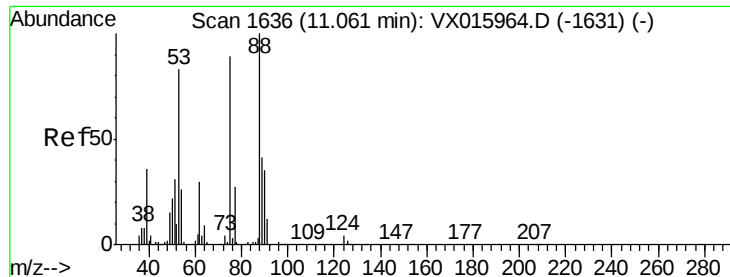
Tot Ion: 91 Resp: 180794
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 19.453 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX015971.D
Acq: 29 Apr 2020 12:56

Tgt Ion:105 Resp: 225077
Ion Ratio Lower Upper
105 100
120 48.9 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.446 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

Instrument :

MSVOA_X

ClientSampleId :

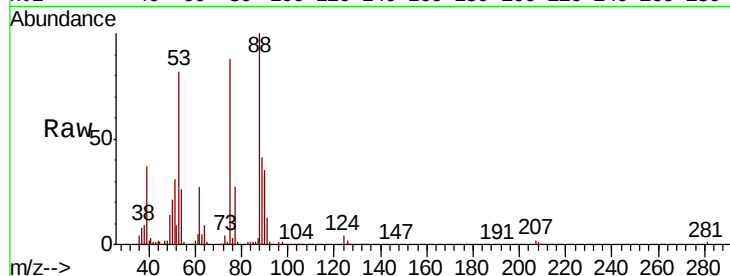
Tot Ion: 75 Resp: 33071

Ion Ratio Lower Upper

75 100

53 97.1 78.3 117.5

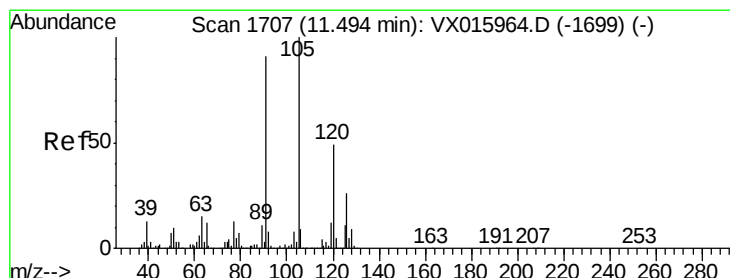
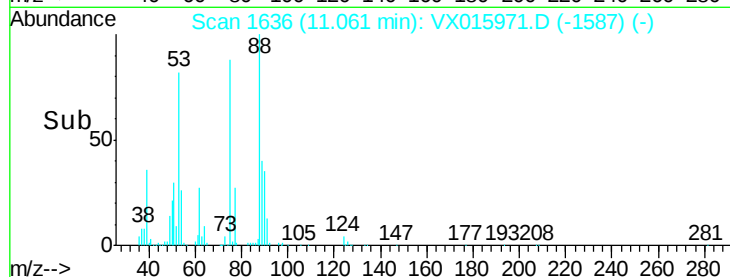
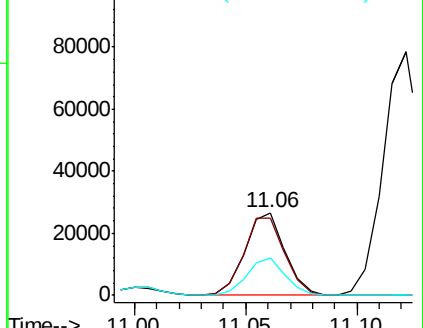
89 44.7 37.2 55.8



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: 19.021 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015971.D

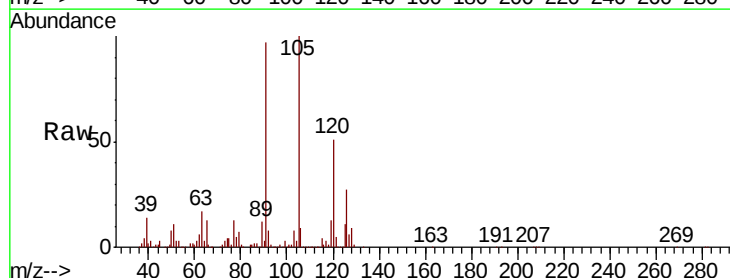
Acq: 29 Apr 2020 12:56

Tgt Ion: 91 Resp: 214173

Ion Ratio Lower Upper

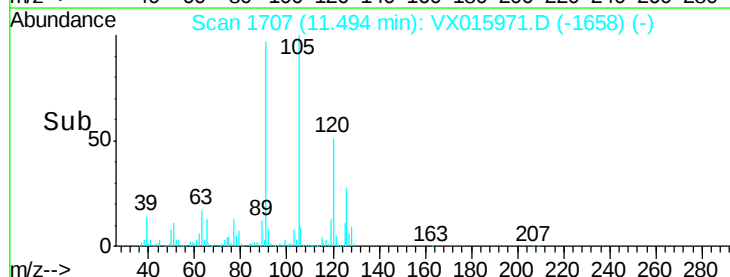
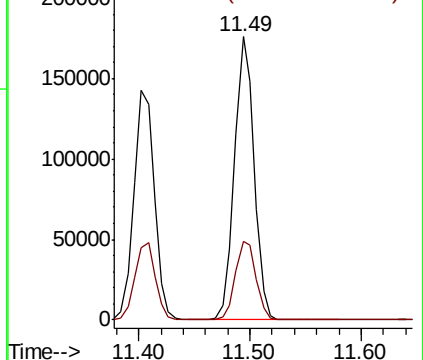
91 100

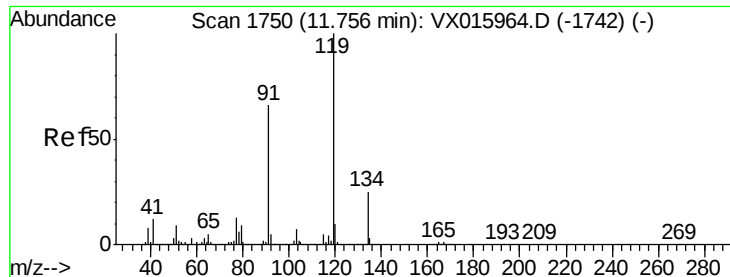
126 29.3 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

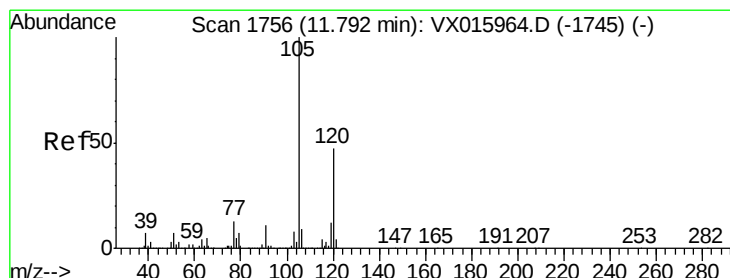
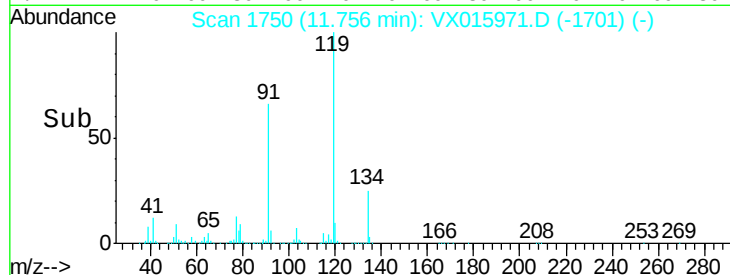
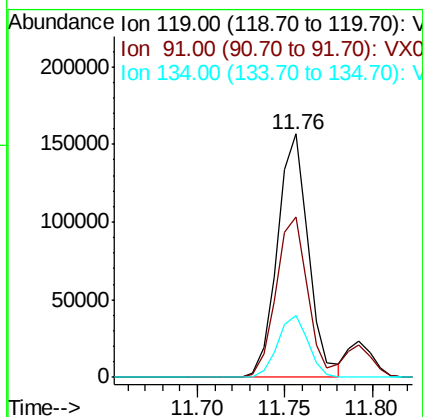
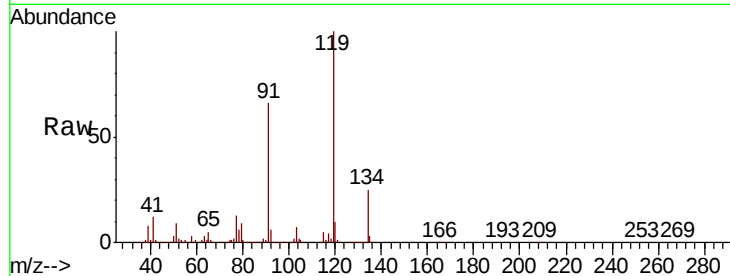




#83
tert-Butylbenzene
Concen: 19.376 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX015971.D
Acq: 29 Apr 2020 12:56

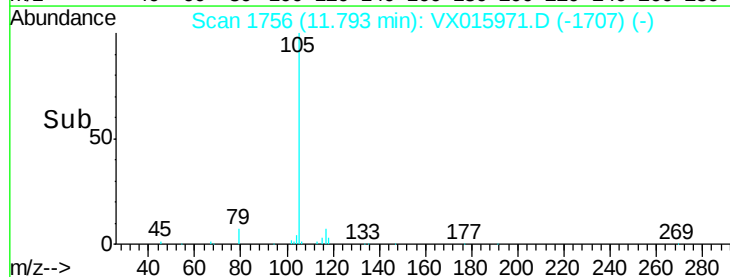
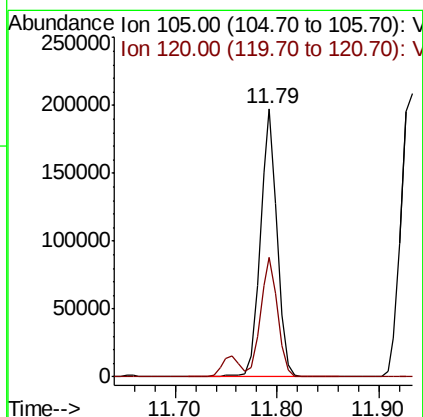
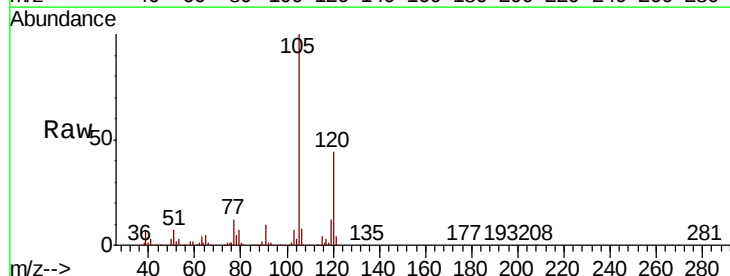
Instrument :
MSVOA_X
ClientSampleId :

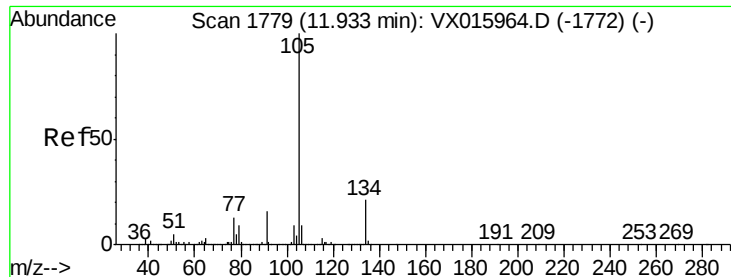
Tot Ion	Ratio	Lower	Upper
119	100		
91	66.5	33.5	100.4
134	24.9	12.4	37.2



#84
1,2,4-Trimethylbenzene
Concen: 19.574 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX015971.D
Acq: 29 Apr 2020 12:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.9	68.8





#85

sec-Butylbenzene

Concen: 19.517 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

Instrument :

MSVOA_X

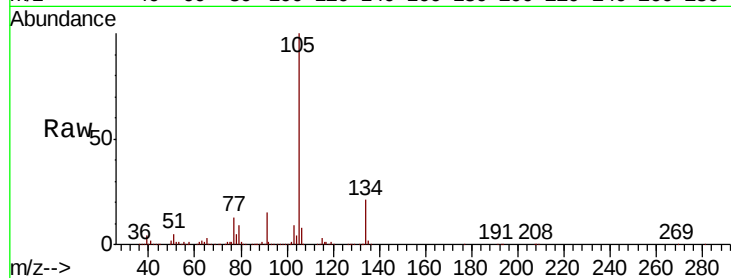
ClientSampleId :

Tot Ion:105 Resp: 262328

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

200000

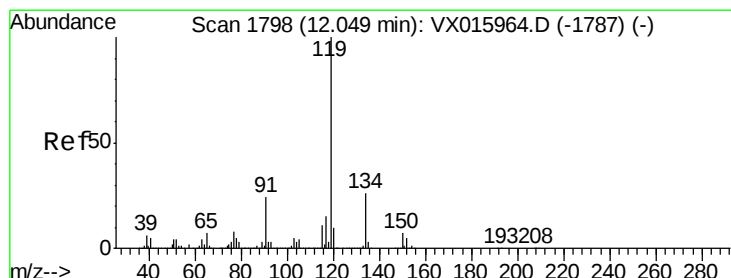
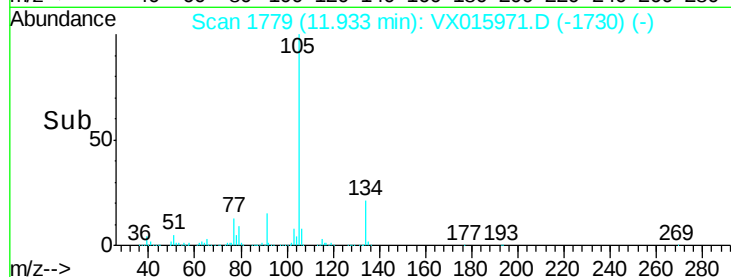
150000

100000

50000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 19.058 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

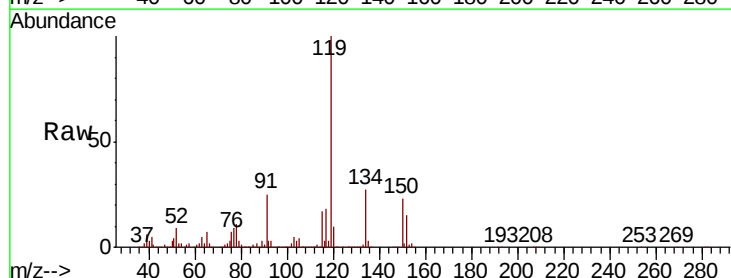
Tgt Ion:119 Resp: 239940

Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

91 24.6 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.05

250000

200000

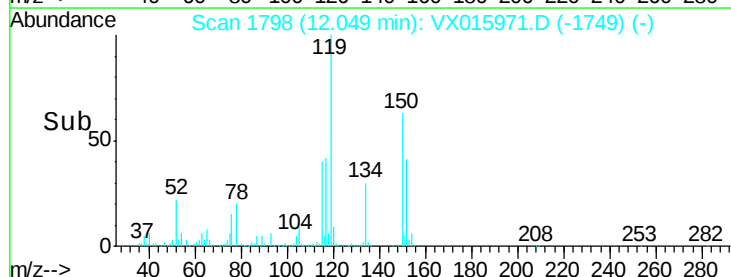
150000

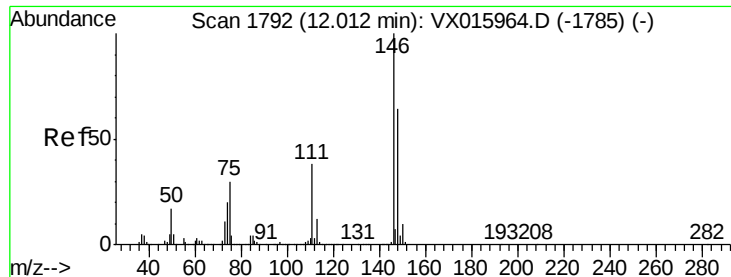
100000

50000

0

Time--> 12.00 12.10

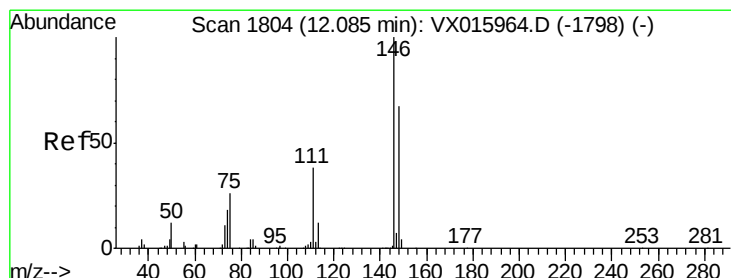
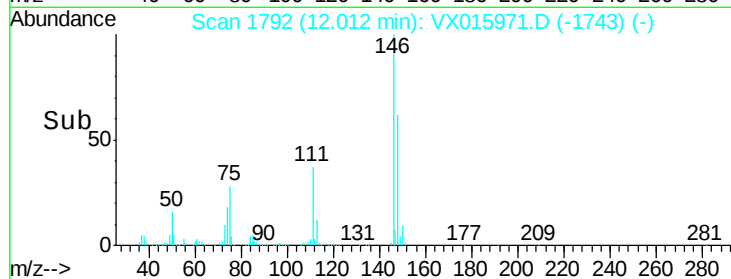
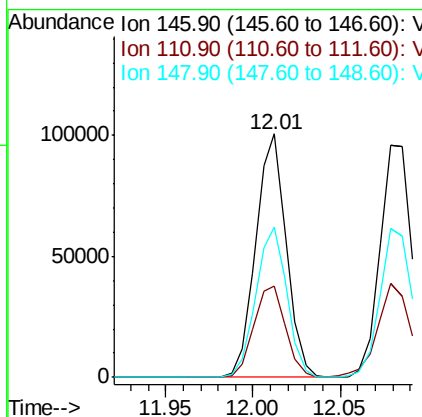
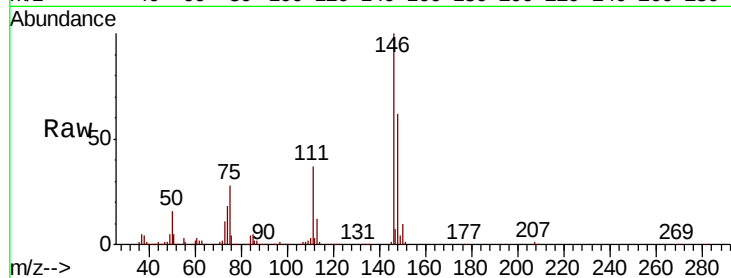




#87
 1,3-Dichlorobenzene
 Concen: 19.101 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX015971.D
 Acq: 29 Apr 2020 12:56

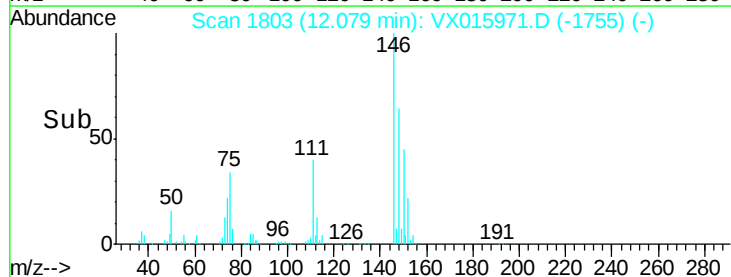
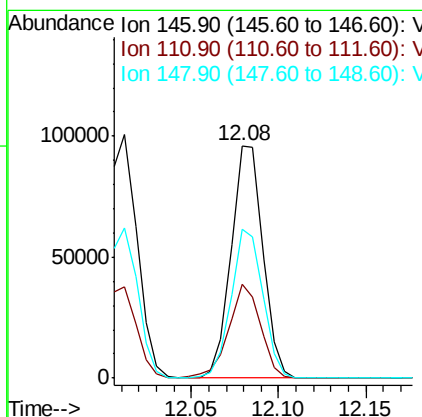
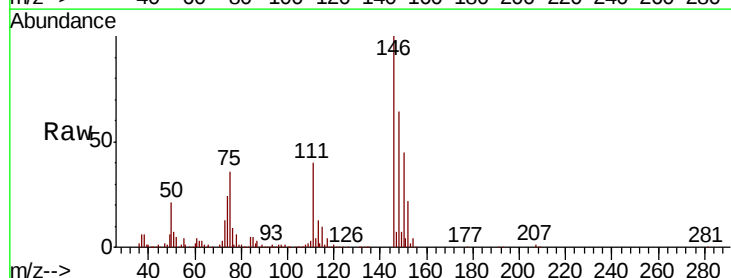
Instrument :
 MSVOA_X
 ClientSampleId :

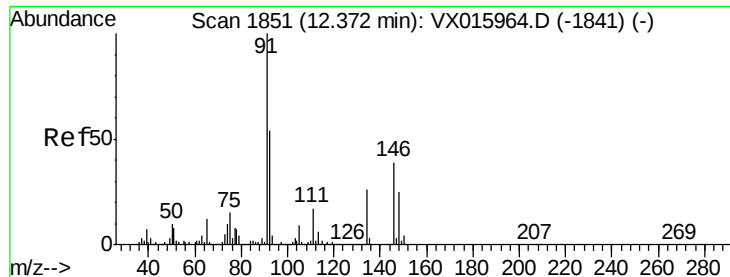
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.8
148	62.6	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 18.689 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX015971.D
 Acq: 29 Apr 2020 12:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.7	59.0
148	64.0	32.8	98.4





#89

n-Butylbenzene

Concen: 18.839 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

Instrument :

MSVOA_X

ClientSampled :

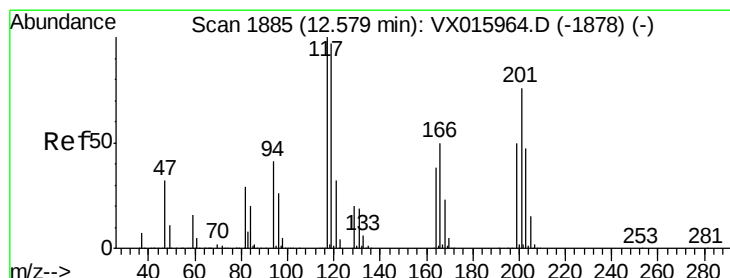
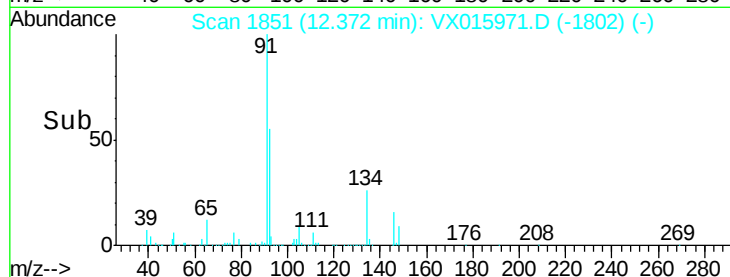
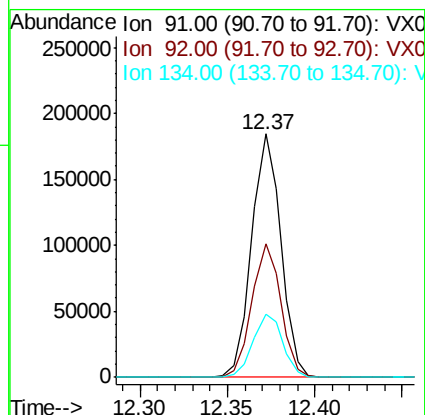
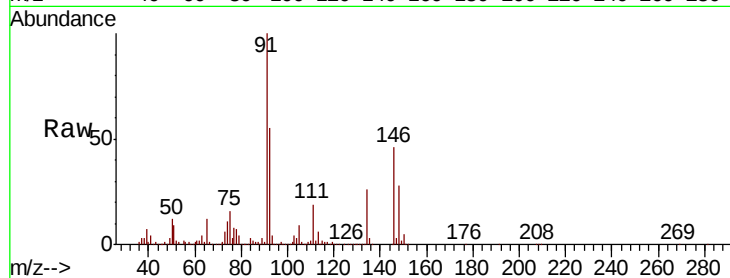
Tot Ion: 91 Resp: 214306

Ion Ratio Lower Upper

91 100

92 54.5 27.1 81.3

134 26.5 13.3 39.8



#90

Hexachloroethane

Concen: 19.145 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015971.D

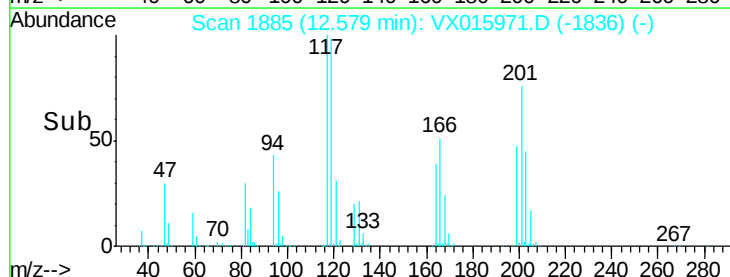
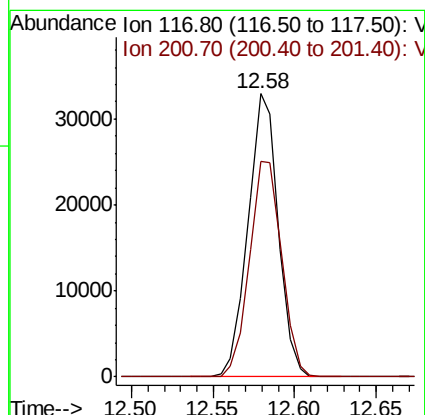
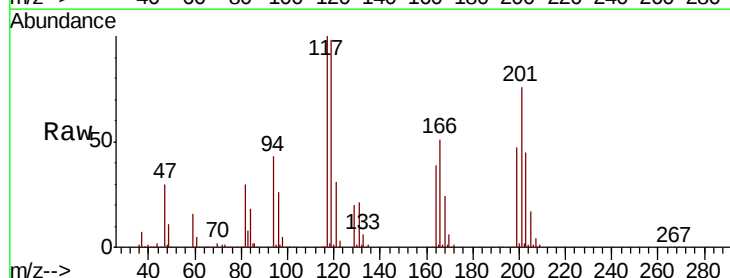
Acq: 29 Apr 2020 12:56

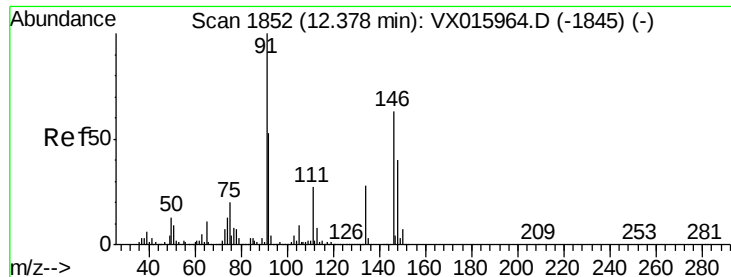
Tgt Ion: 117 Resp: 42588

Ion Ratio Lower Upper

117 100

201 81.0 40.3 120.8





#91

1,2-Dichlorobenzene

Concen: 18.774 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

Instrument :

MSVOA_X

ClientSampled :

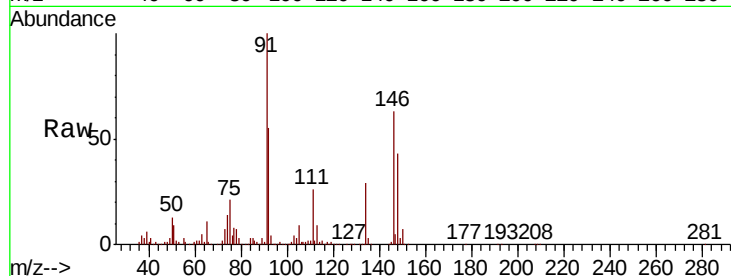
Tot Ion:146 Resp: 115750

Ion Ratio Lower Upper

146 100

111 41.5 21.1 63.3

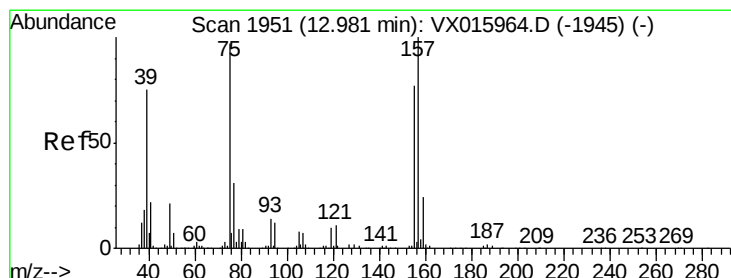
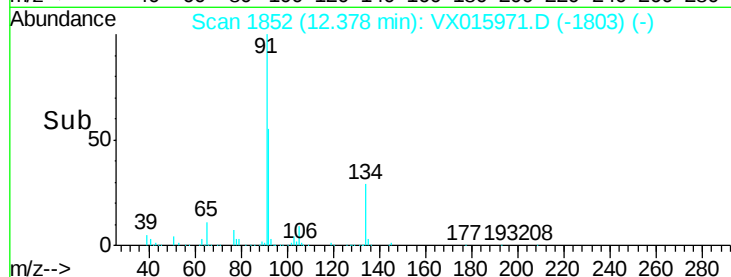
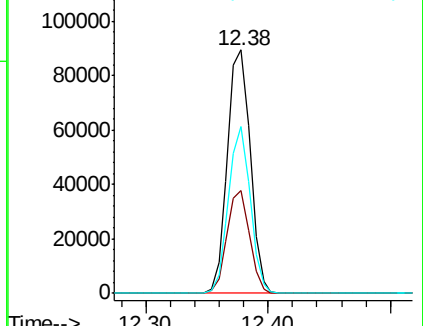
148 65.0 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.398 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX015971.D

Acq: 29 Apr 2020 12:56

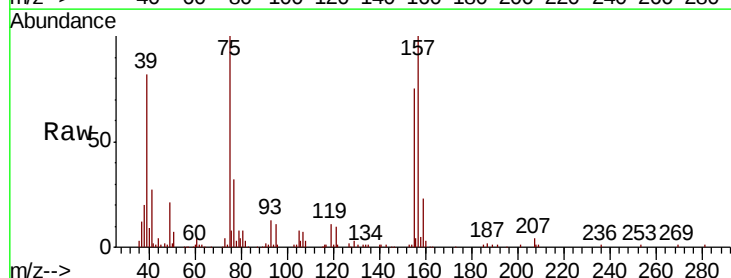
Tgt Ion: 75 Resp: 19729

Ion Ratio Lower Upper

75 100

155 84.6 42.5 127.6

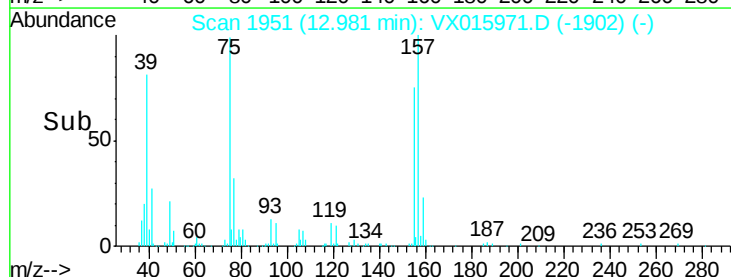
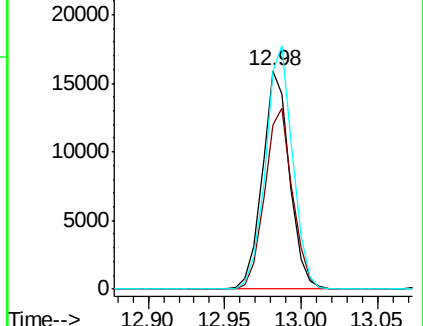
157 111.3 56.0 168.2

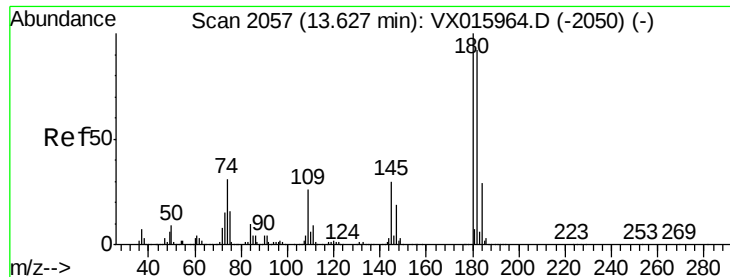


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

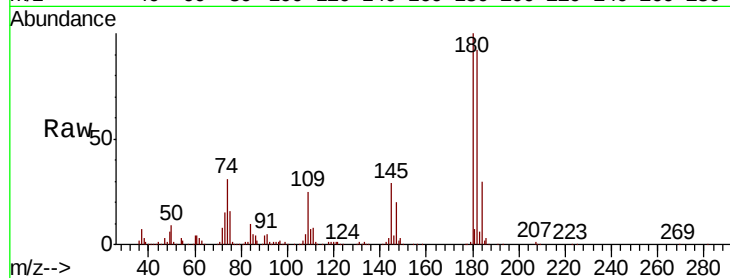




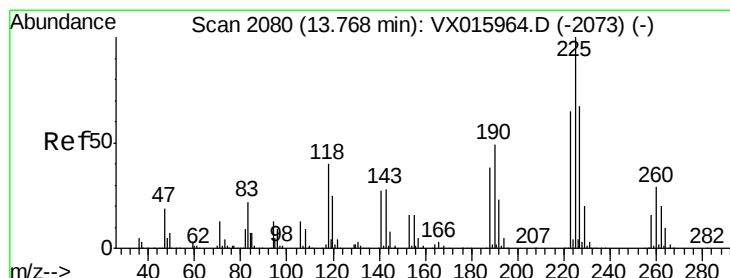
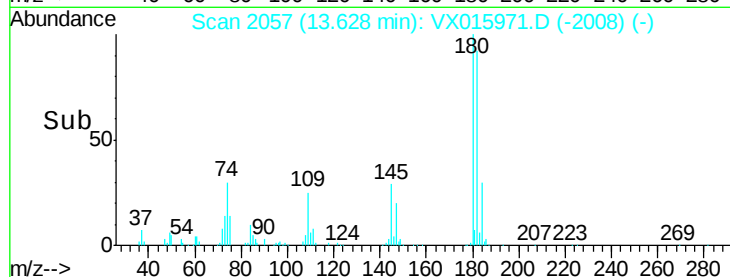
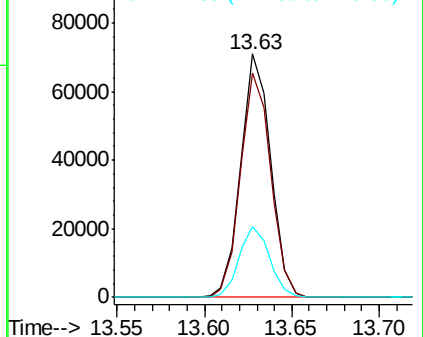
#93
 1,2,4-Trichlorobenzene
 Concen: 18.258 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX015971.D
 Acq: 29 Apr 2020 12:56

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 84488
 Ion Ratio Lower Upper
 180 100
 182 93.3 46.9 140.6
 145 29.7 14.7 44.1

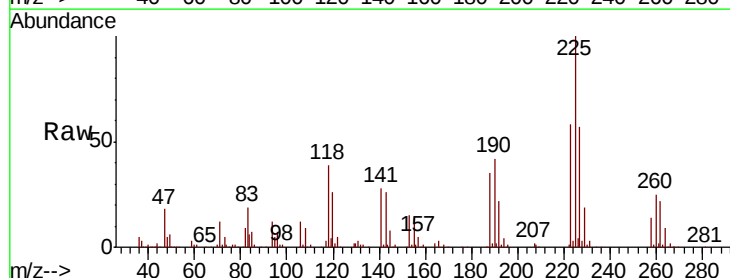


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

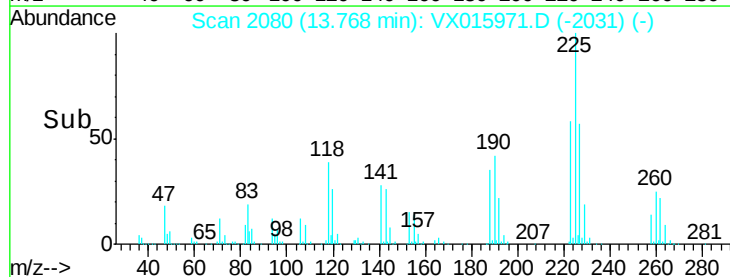
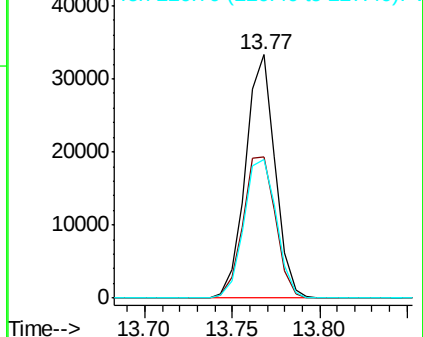


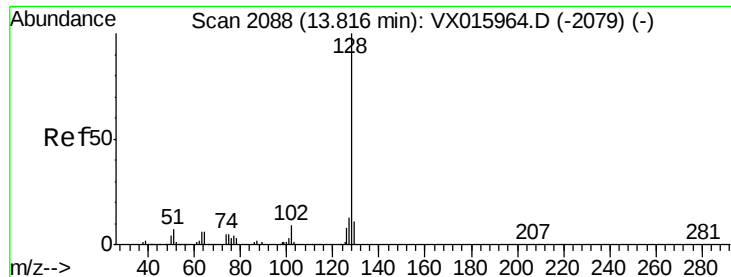
#94
 Hexachlorobutadiene
 Concen: 18.805 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX015971.D
 Acq: 29 Apr 2020 12:56

Tgt Ion:225 Resp: 38880
 Ion Ratio Lower Upper
 225 100
 223 64.1 32.0 96.0
 227 63.0 33.0 99.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

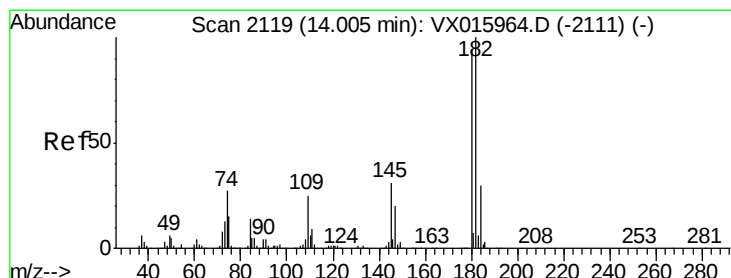
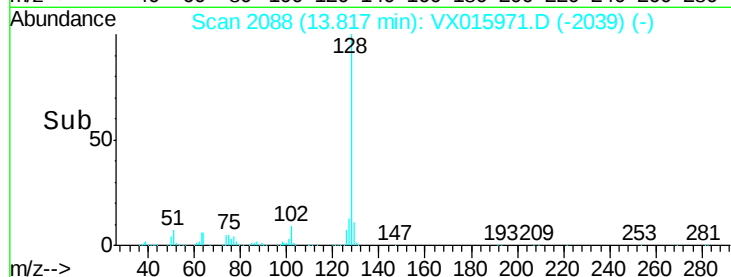
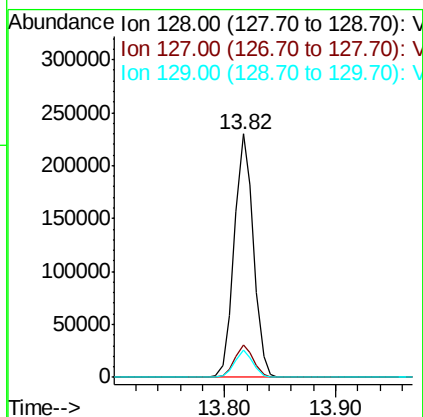
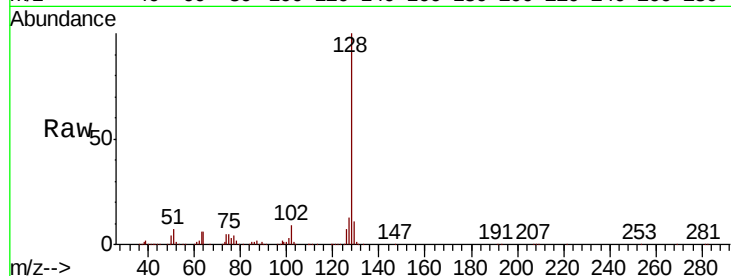




#95
Naphthalene
Concen: 18.709 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX015971.D
Acq: 29 Apr 2020 12:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 273053
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.668 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VX015971.D
Acq: 29 Apr 2020 12:56

Tgt Ion:180 Resp: 83182
Ion Ratio Lower Upper
180 100
182 96.0 48.7 146.1
145 32.0 16.1 48.3

