

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042820\
 Data File : VX015967.D
 Acq On : 28 Apr 2020 17:17
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX042820

Quant Time: Apr 28 17:43:40 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	5.64	168	256768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	408667	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	381267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	193971	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	171813	51.18	ug/l	0.00
Spiked Amount			Recovery	=	102.36%	
35) Dibromofluoromethane	5.47	113	131515	51.59	ug/l	0.00
Spiked Amount			Recovery	=	103.18%	
50) Toluene-d8	8.70	98	494375	51.87	ug/l	0.00
Spiked Amount			Recovery	=	103.74%	
62) 4-Bromofluorobenzene	11.12	95	194241	51.96	ug/l	0.00
Spiked Amount			Recovery	=	103.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	125020	54.411	ug/l	98
3) Chloromethane	1.31	50	141193	50.704	ug/l	100
4) Vinyl Chloride	1.39	62	168812	53.381	ug/l	100
5) Bromomethane	1.62	94	110411	52.006	ug/l	98
6) Chloroethane	1.70	64	106939	50.837	ug/l	99
7) Trichlorofluoromethane	1.91	101	250765	52.462	ug/l	99
8) Diethyl Ether	2.17	74	102463	51.346	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	123541	51.850	ug/l	100
10) Methyl Iodide	2.49	142	177128	53.292	ug/l	100
11) Tert butyl alcohol	3.01	59	217134	266.448	ug/l	99
12) 1,1-Dichloroethene	2.36	96	126194	51.368	ug/l	99
13) Acrolein	2.27	56	53491	261.190	ug/l	100
14) Allyl chloride	2.70	41	233242	52.653	ug/l	100
15) Acrylonitrile	3.12	53	428538	265.213	ug/l	100
16) Acetone	2.42	43	375456	261.536	ug/l	96
17) Carbon Disulfide	2.55	76	377338	52.663	ug/l	100
18) Methyl Acetate	2.75	43	218090	53.535	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	471134	53.023	ug/l	99
20) Methylene Chloride	2.84	84	142516	50.149	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	141396	51.070	ug/l	98
22) Diisopropyl ether	3.82	45	457697	52.554	ug/l	99
23) Vinyl Acetate	3.79	43	2026106	267.814	ug/l	100
24) 1,1-Dichloroethane	3.67	63	256015	52.770	ug/l	100
25) 2-Butanone	4.64	43	620124	266.568	ug/l	99
26) 2,2-Dichloropropane	4.55	77	229647	51.770	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	161579	51.427	ug/l	99
28) Bromochloromethane	4.98	49	118985	50.682	ug/l	100
29) Tetrahydrofuran	5.09	42	401148	263.121	ug/l	100
30) Chloroform	5.18	83	263348	52.202	ug/l	100
31) Cyclohexane	5.55	56	226725	52.494	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	242429	52.192	ug/l	99
36) 1,1-Dichloropropene	5.77	75	198018	50.874	ug/l	99
37) Ethyl Acetate	4.79	43	237286	53.165	ug/l	99
38) Carbon Tetrachloride	5.76	117	214807	52.249	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	234105	51.997	ug/l	98
40) Benzene	6.12	78	571343	51.445	ug/l	99
41) Methacrylonitrile	5.01	41	129992	54.412	ug/l	98
42) 1,2-Dichloroethane	6.17	62	220213	51.175	ug/l	99
43) Isopropyl Acetate	6.42	43	390086	52.780	ug/l	100
44) Trichloroethene	7.19	130	196834	49.171	ug/l	97
45) 1,2-Dichloropropane	7.49	63	149579	52.114	ug/l	97
46) Dibromomethane	7.64	93	106194	52.069	ug/l	99
47) Bromodichloromethane	7.88	83	215380	53.143	ug/l	99
48) Methyl methacrylate	7.75	41	182637	53.522	ug/l	99
49) 1,4-Dioxane	7.71	88	84441	1051.887	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1202402	268.212	ug/l	99
52) Toluene	8.77	92	368733	52.306	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	251723	52.345	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	258161	52.197	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	147795	52.461	ug/l	99
56) Ethyl methacrylate	9.16	69	248115	54.163	ug/l	99
57) 1,3-Dichloropropane	9.35	76	254325	52.541	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	634561	268.060	ug/l	100
59) 2-Hexanone	9.48	43	947941	270.569	ug/l	100
60) Dibromochloromethane	9.57	129	173656	55.073	ug/l	97
61) 1,2-Dibromoethane	9.66	107	162395	53.158	ug/l	100
64) Tetrachloroethene	9.32	164	226619	50.104	ug/l	98
65) Chlorobenzene	10.12	112	399706	51.473	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	154352	52.591	ug/l	99
67) Ethyl Benzene	10.24	91	723004	52.281	ug/l	99
68) m/p-Xylenes	10.34	106	544042	103.676	ug/l	99
69) o-Xylene	10.68	106	262154	52.619	ug/l	99
70) Styrene	10.70	104	450876	52.742	ug/l	99
71) Bromoform	10.84	173	129725	48.622	ug/l #	99
73) Isopropylbenzene	11.01	105	708765	53.713	ug/l	100
74) N-amyl acetate	10.88	43	343708	54.008	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	157884	51.431	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	299240	73.520	ug/l	82
77) Bromobenzene	11.24	156	183160	53.924	ug/l	99
78) n-propylbenzene	11.35	91	822595	54.191	ug/l	99
79) 2-Chlorotoluene	11.41	91	482180	53.314	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	602797	54.230	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	93069	54.036	ug/l	99
82) 4-Chlorotoluene	11.49	91	579694	53.591	ug/l	99
83) tert-Butylbenzene	11.76	119	524379	54.713	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	606996	54.259	ug/l	100
85) sec-Butylbenzene	11.93	105	700047	54.214	ug/l	99
86) p-Isopropyltoluene	12.05	119	653479	54.029	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	325471	52.546	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	326873	52.216	ug/l	99
89) n-Butylbenzene	12.37	91	595449	54.486	ug/l	100
90) Hexachloroethane	12.58	117	116894	54.699	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	311373	52.570	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57527	52.806	ug/l	99

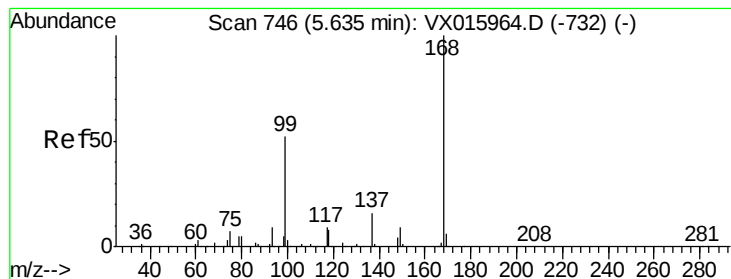
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042820\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	230531	51.856	ug/l	97
94) Hexachlorobutadiene	13.77	225	101428	51.065	ug/l	99
95) Naphthalene	13.82	128	766950	54.699	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	227551	53.158	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

Instrument :

MSVOA_X

ClientSampleId :

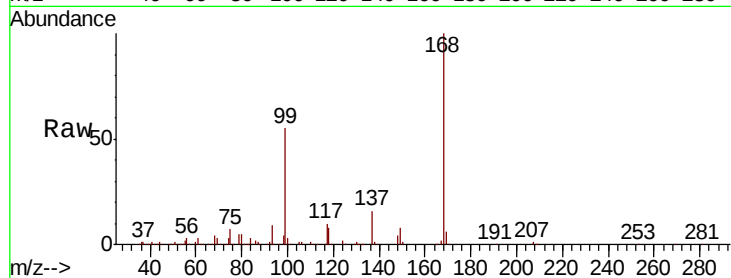
ICVVX042820

Tot Ion:168 Resp: 256768

Ion Ratio Lower Upper

168 100

99 55.4 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

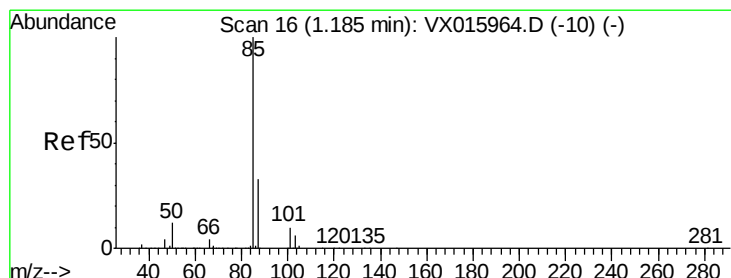
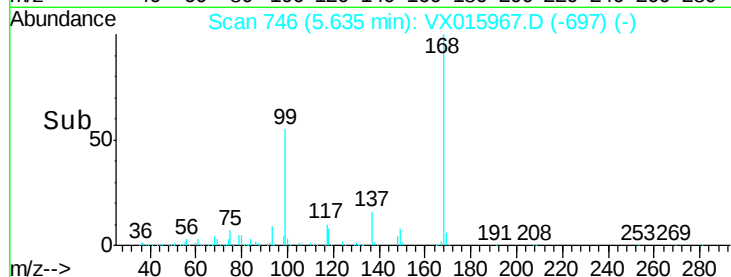
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 54.411 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX015967.D

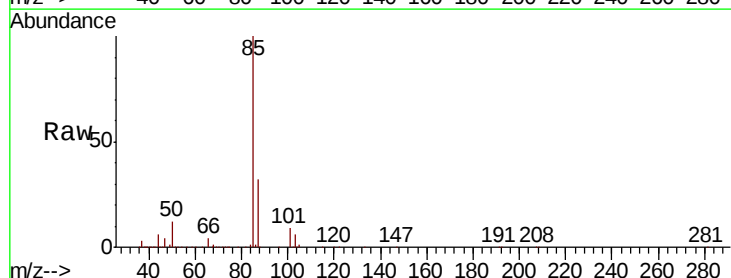
Acq: 28 Apr 2020 17:17

Tgt Ion: 85 Resp: 125020

Ion Ratio Lower Upper

85 100

87 32.4 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

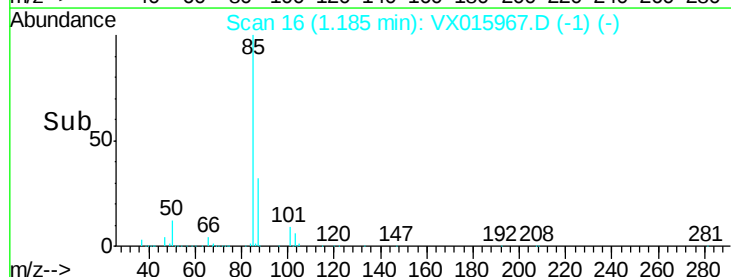
1.18

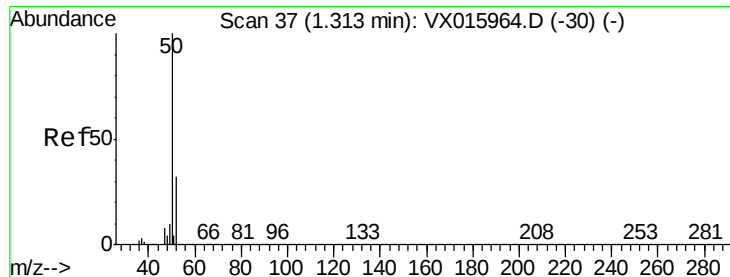
100000

50000

0

Time-->





#3

Chloromethane

Concen: 50.704 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

Instrument :

MSVOA_X

ClientSampleId :

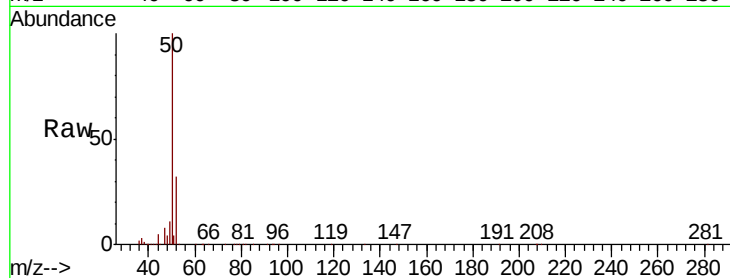
ICVVX042820

Tot Ion: 50 Resp: 141193

Ion Ratio Lower Upper

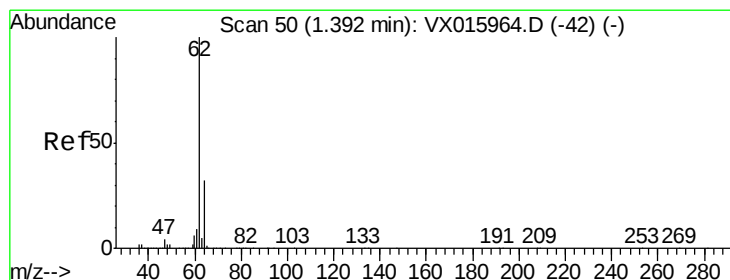
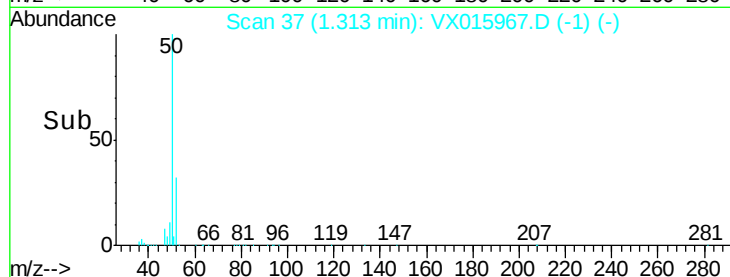
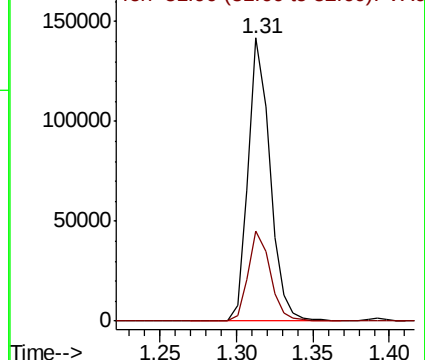
50 100

52 31.8 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: 53.381 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015967.D

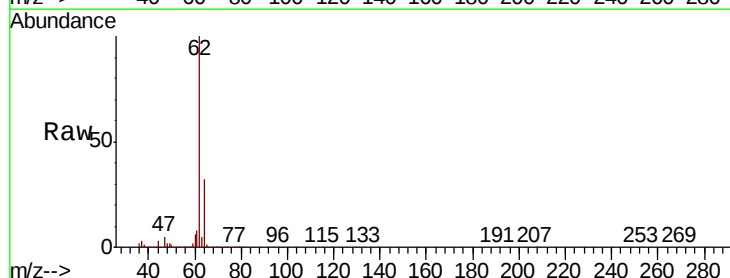
Acq: 28 Apr 2020 17:17

Tgt Ion: 62 Resp: 168812

Ion Ratio Lower Upper

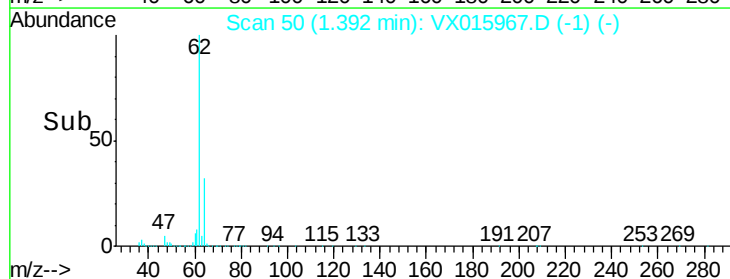
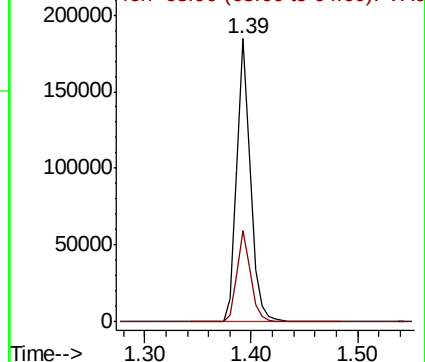
62 100

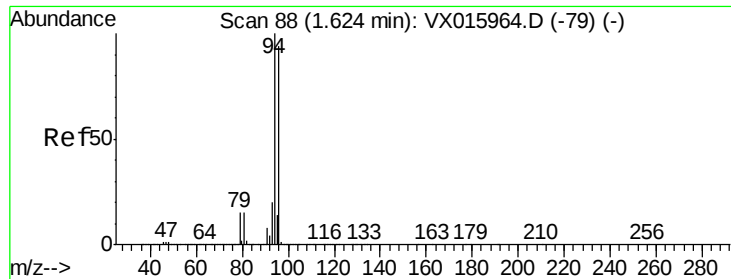
64 32.3 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 52.006 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

Instrument :

MSVOA_X

ClientSampleId :

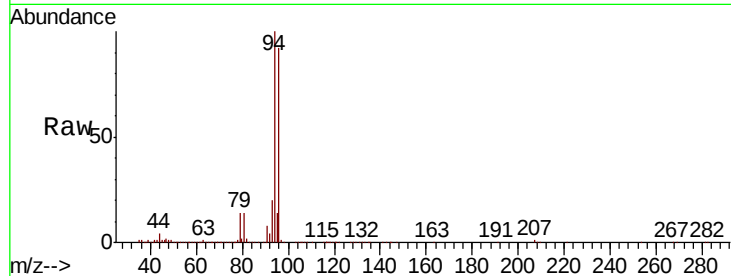
ICVVX042820

Tot Ion: 94 Resp: 110411

Ion Ratio Lower Upper

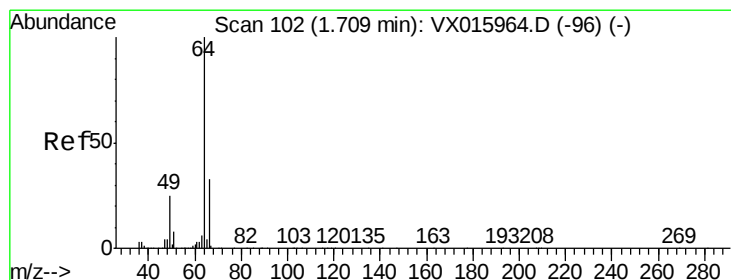
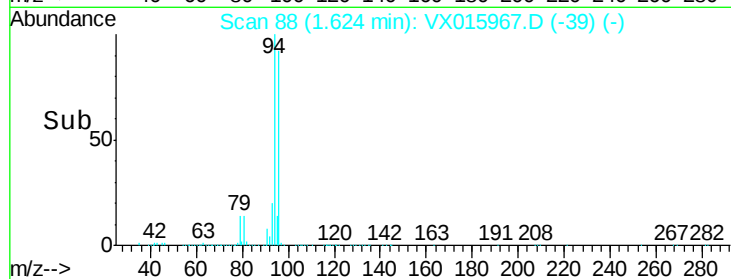
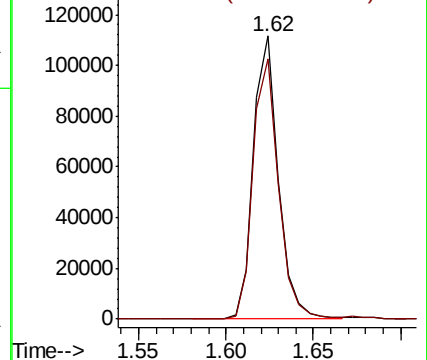
94 100

96 92.1 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.837 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX015967.D

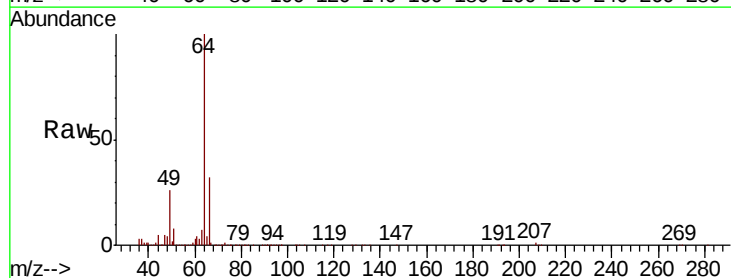
Acq: 28 Apr 2020 17:17

Tgt Ion: 64 Resp: 106939

Ion Ratio Lower Upper

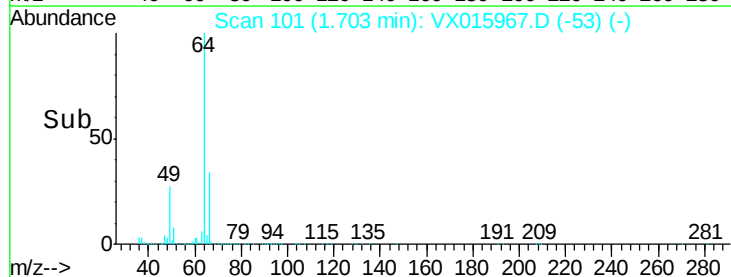
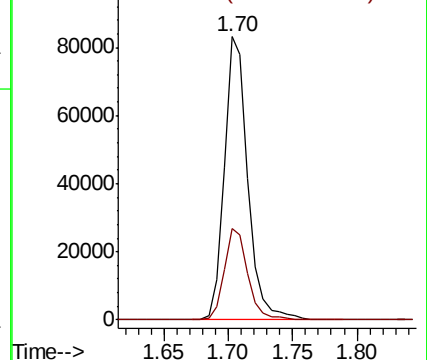
64 100

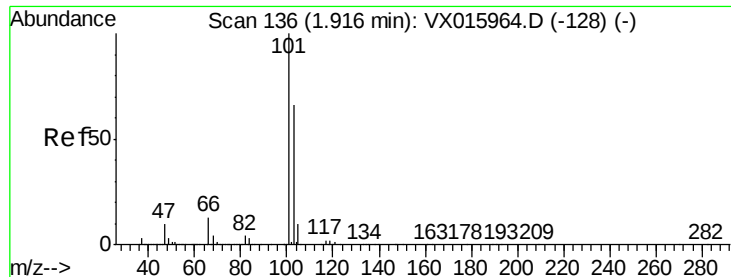
66 32.1 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



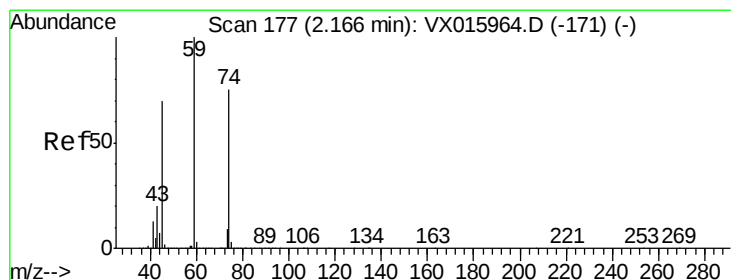
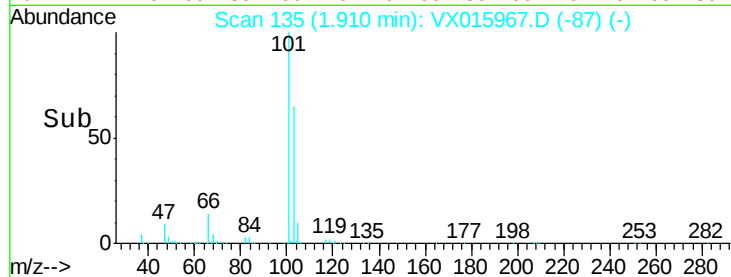
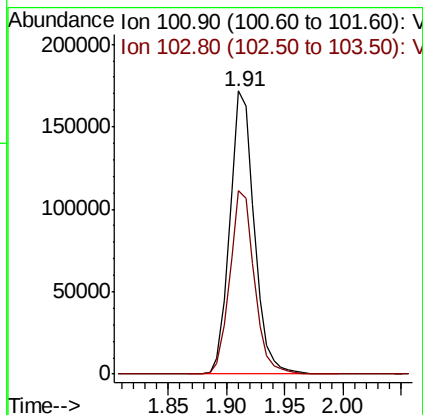
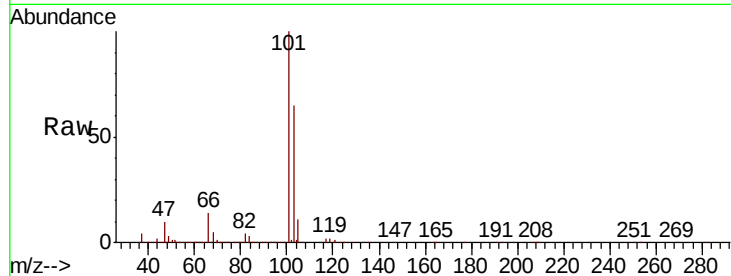


#7

Trichlorofluoromethane
Concen: 52.462 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX015967.D
Acq: 28 Apr 2020 17:17

Instrument :
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ClientSampleId :
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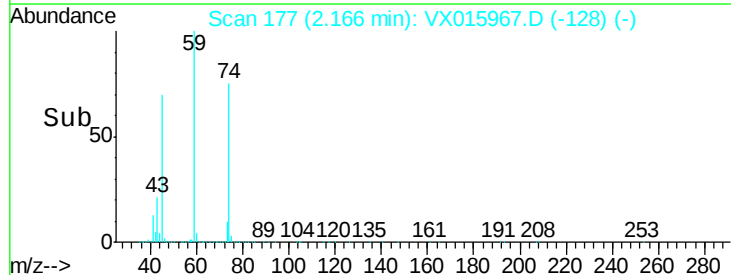
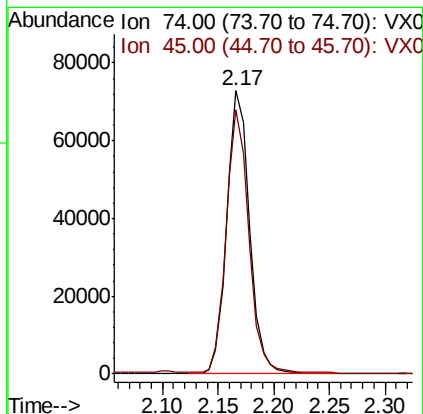
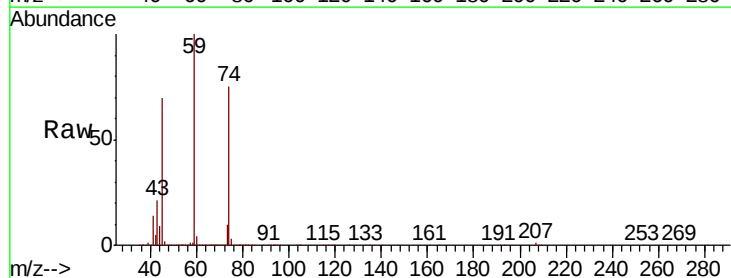
Tot Ion:101 Resp: 250765
Ion Ratio Lower Upper
101 100
103 64.9 52.4 78.6

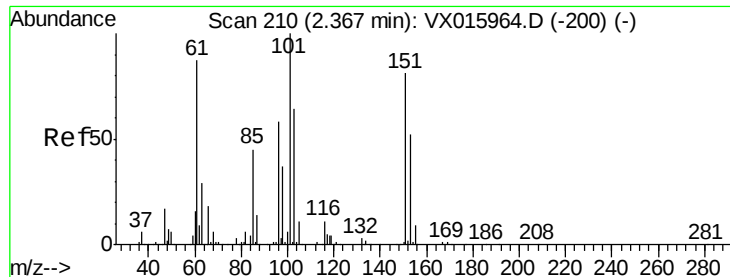


#8

Diethyl Ether
Concen: 51.346 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX015967.D
Acq: 28 Apr 2020 17:17

Tgt Ion: 74 Resp: 102463
Ion Ratio Lower Upper
74 100
45 93.2 47.1 141.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.850 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042820

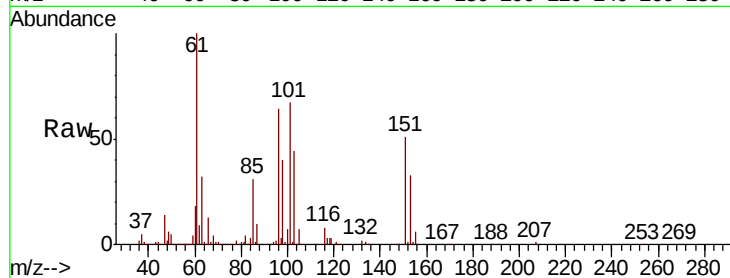
Tot Ion:101 Resp: 123541

Ion Ratio Lower Upper

101 100

85 45.5 36.3 54.5

151 79.2 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

2.36

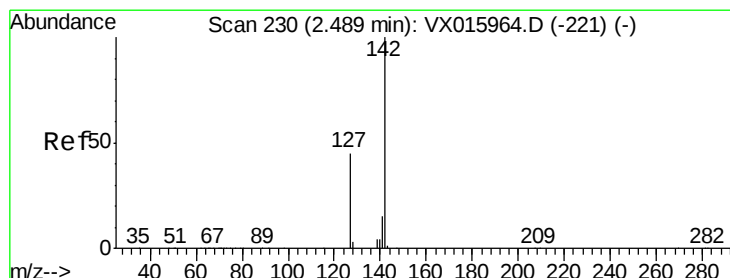
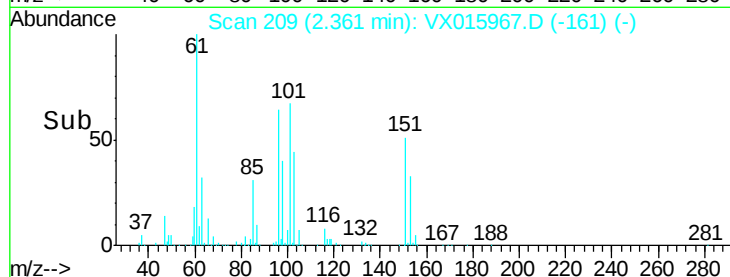
60000

40000

20000

0

Time-->



#10

Methyl Iodide

Concen: 53.292 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

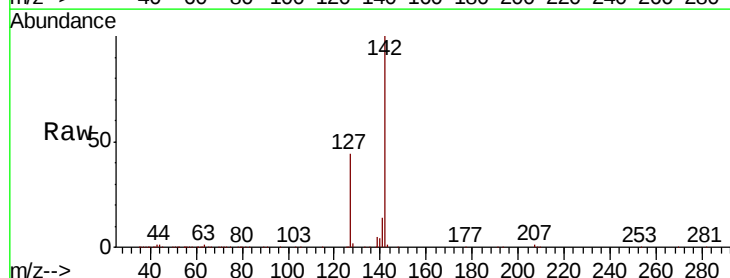
Tgt Ion:142 Resp: 177128

Ion Ratio Lower Upper

142 100

127 45.2 36.5 54.7

141 14.5 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

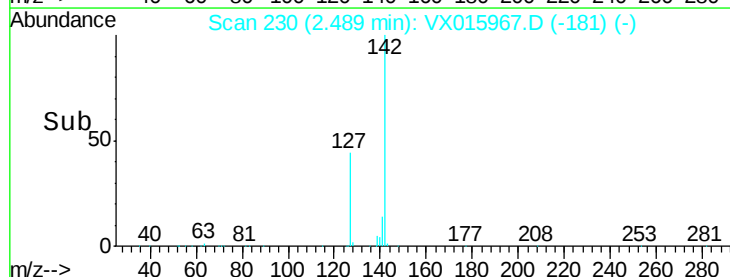
2.49

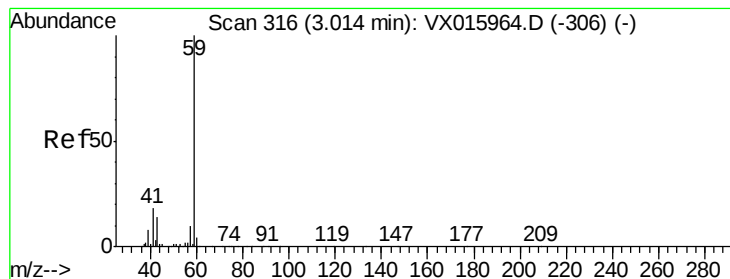
100000

50000

0

Time-->



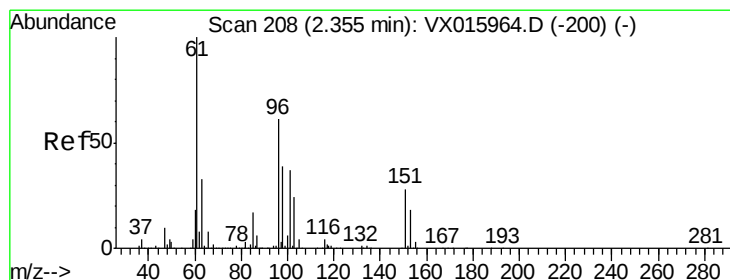
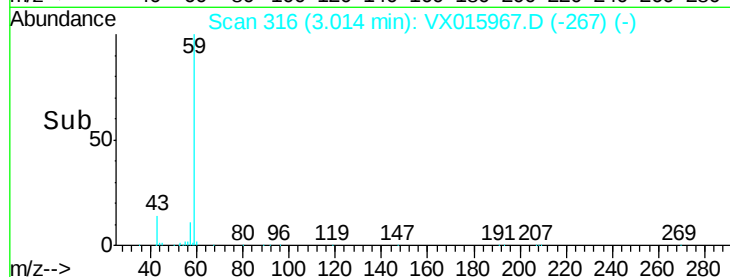
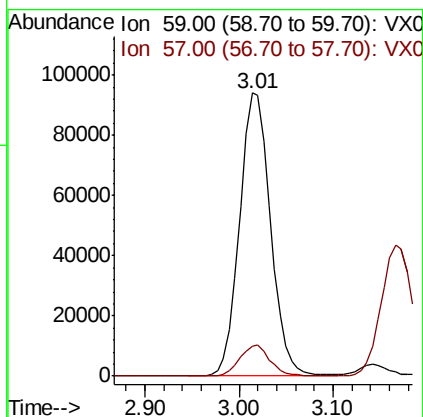
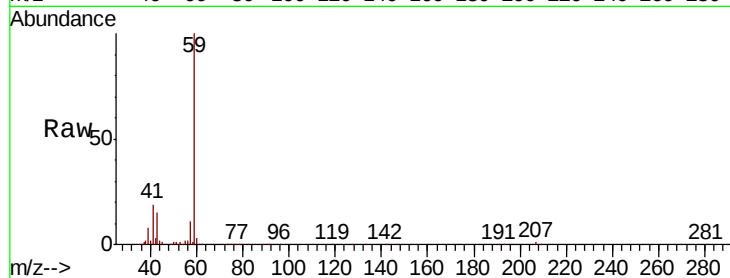


#11

Tert butyl alcohol
Concen: 266.448 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX015967.D
Acq: 28 Apr 2020 17:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX042820

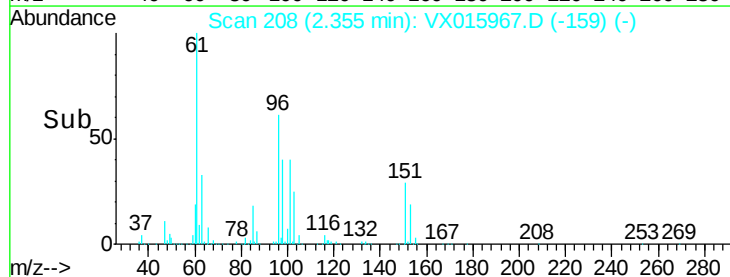
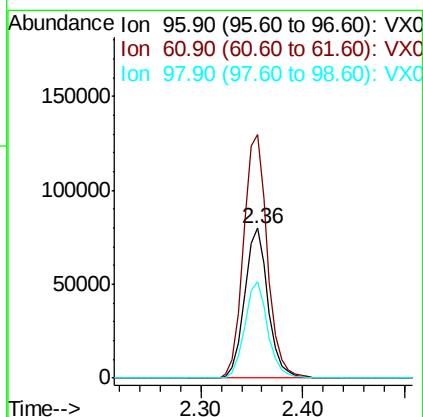
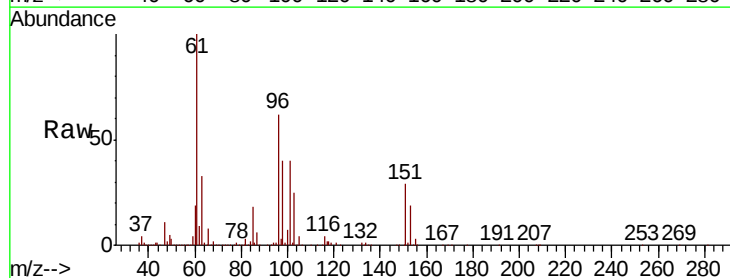
Tot Ion: 59 Resp: 217134
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5

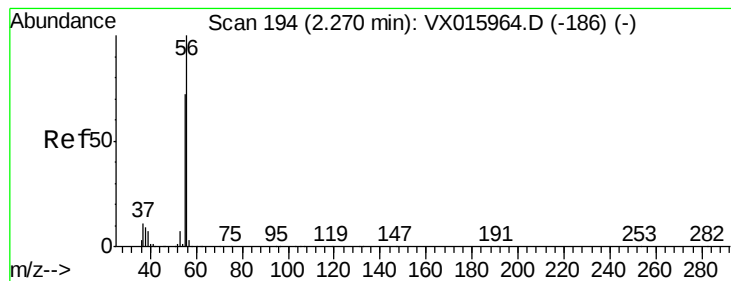


#12

1,1-Dichloroethene
Concen: 51.368 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX015967.D
Acq: 28 Apr 2020 17:17

Tgt Ion: 96 Resp: 126194
Ion Ratio Lower Upper
96 100
61 162.6 131.0 196.4
98 64.4 50.7 76.1





#13

Acrolein

Concen: 261.190 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

Instrument :

MSVOA_X

ClientSampleId :

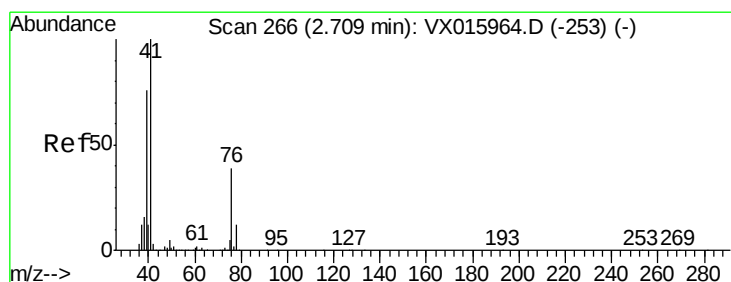
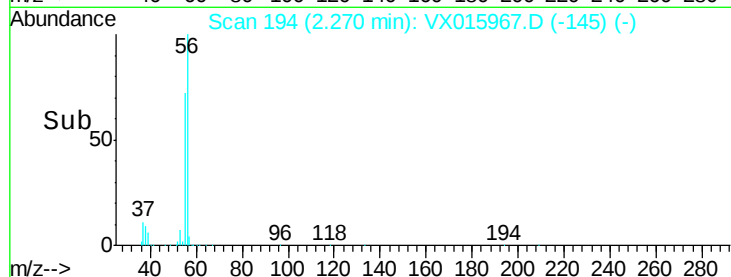
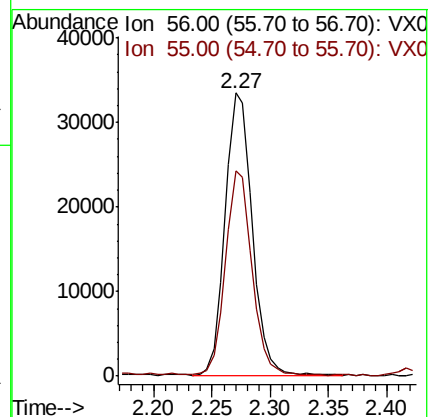
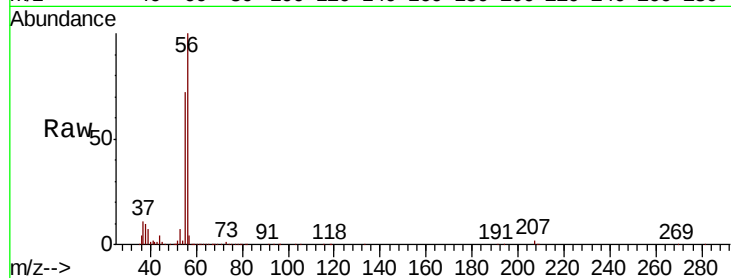
ICVVX042820

Tot Ion: 56 Resp: 53491

Ion Ratio Lower Upper

56 100

55 71.5 56.9 85.3



#14

Allyl chloride

Concen: 52.653 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

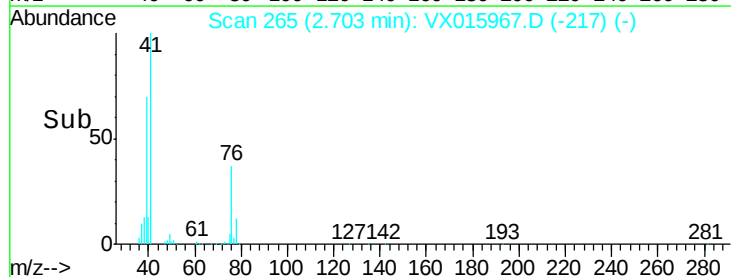
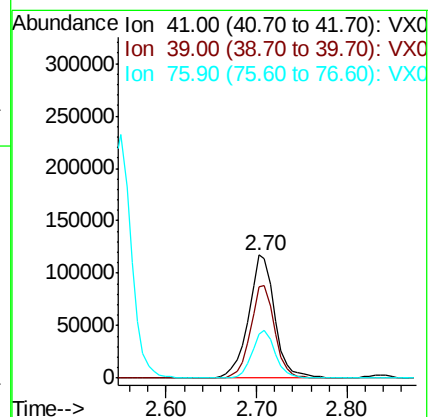
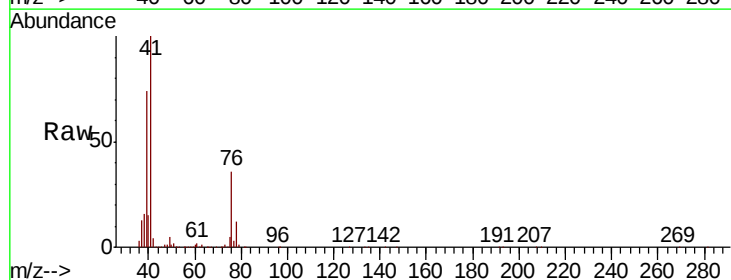
Tgt Ion: 41 Resp: 233242

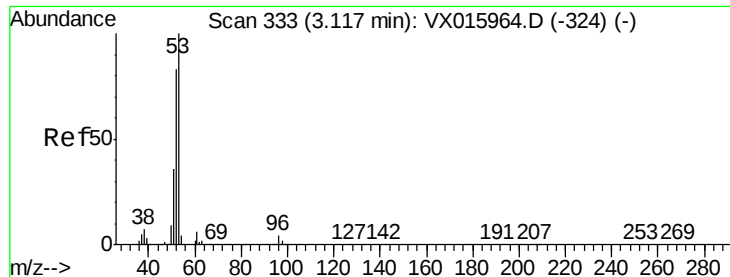
Ion Ratio Lower Upper

41 100

39 69.4 55.4 83.0

76 33.7 27.1 40.7





#15

Acrylonitrile

Concen: 265.213 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042820

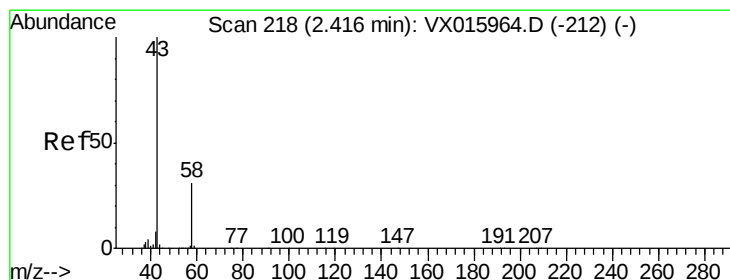
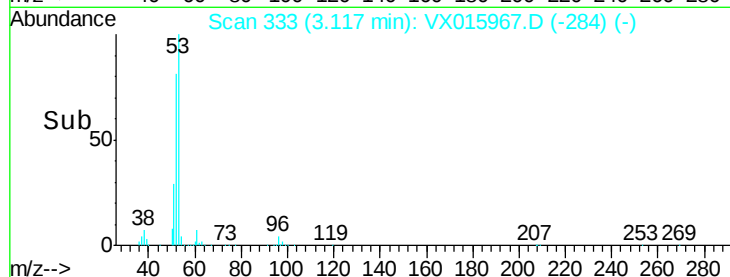
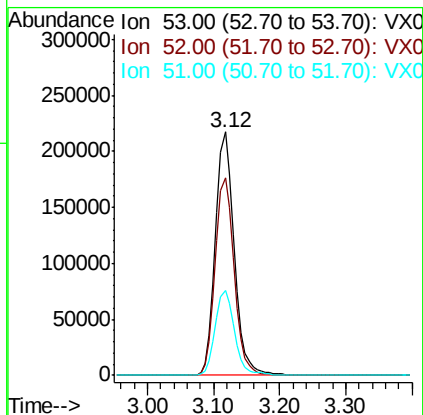
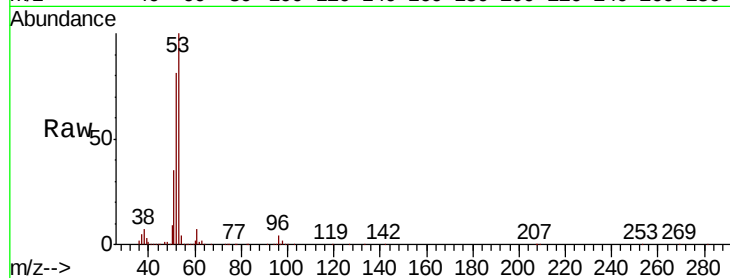
Tot Ion: 53 Resp: 428538

Ion Ratio Lower Upper

53 100

52 82.1 65.5 98.3

51 35.9 28.7 43.1



#16

Acetone

Concen: 261.536 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX015967.D

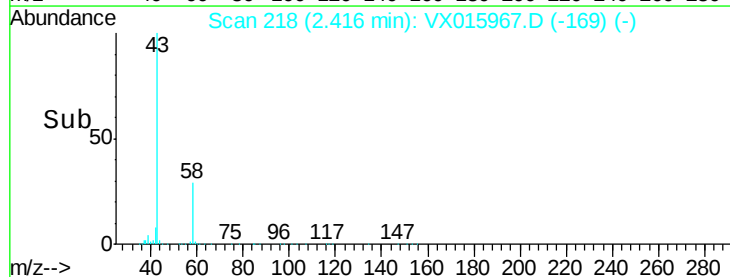
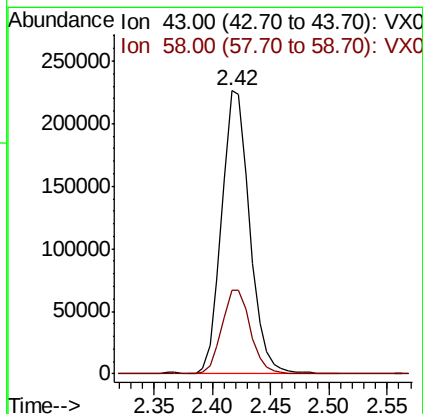
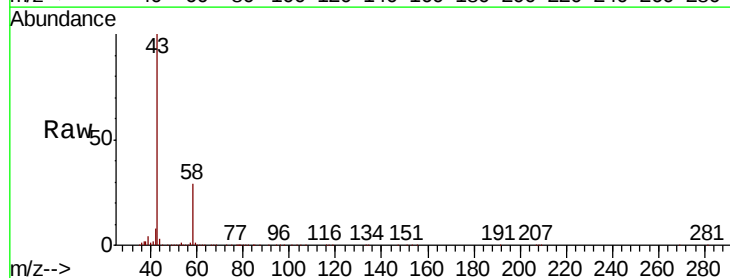
Acq: 28 Apr 2020 17:17

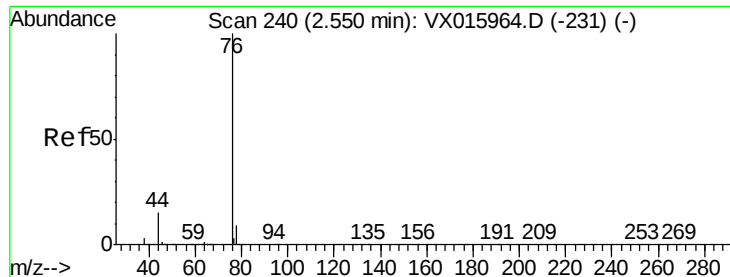
Tgt Ion: 43 Resp: 375456

Ion Ratio Lower Upper

43 100

58 29.4 25.1 37.7





#17

Carbon Disulfide

Concen: 52.663 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

Instrument :

MSVOA_X

ClientSampled :

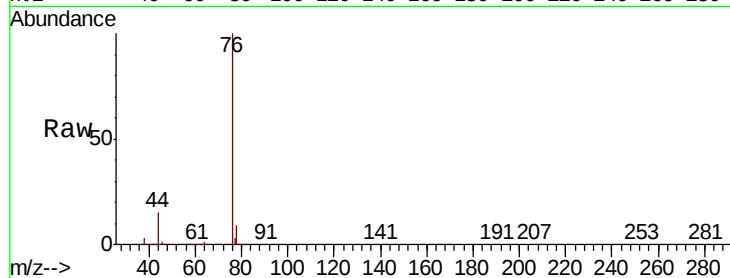
ICVVX042820

Tot Ion: 76 Resp: 377338

Ion Ratio Lower Upper

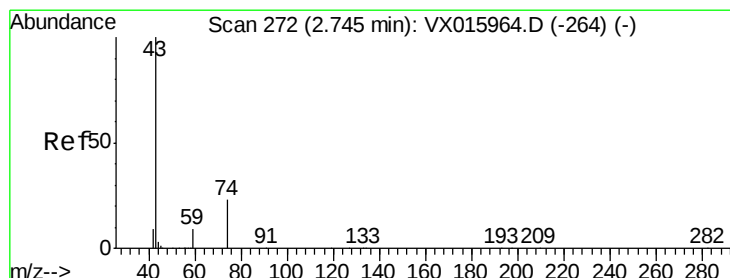
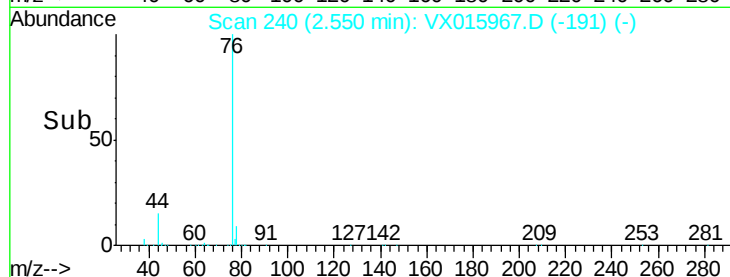
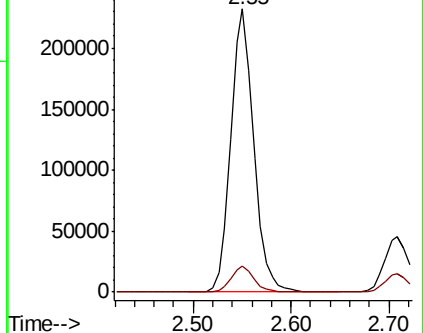
76 100

78 9.2 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: 53.535 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX015967.D

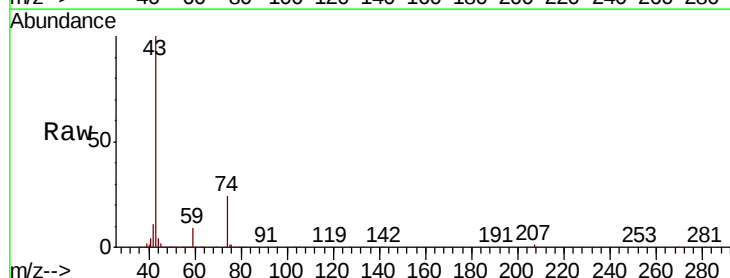
Acq: 28 Apr 2020 17:17

Tgt Ion: 43 Resp: 218090

Ion Ratio Lower Upper

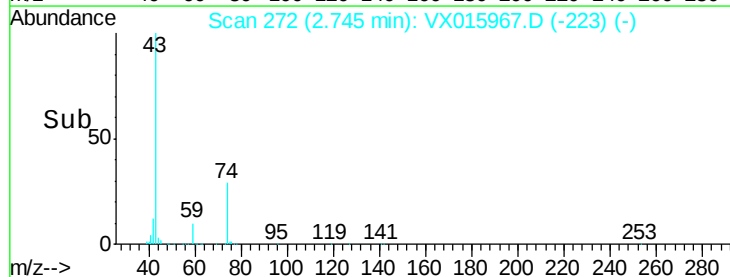
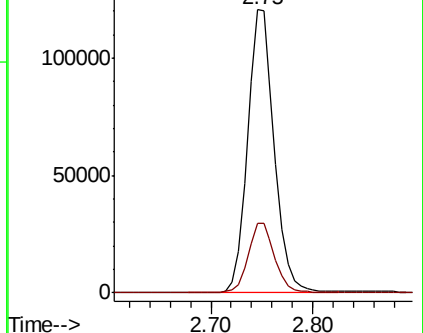
43 100

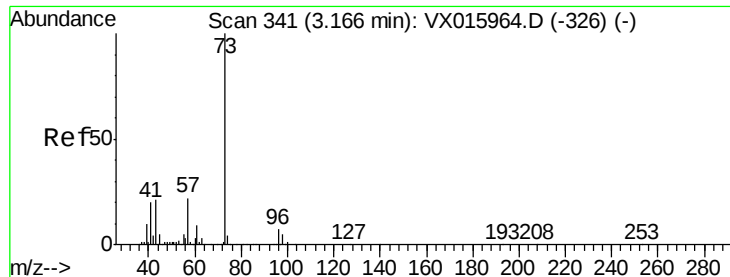
74 25.0 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



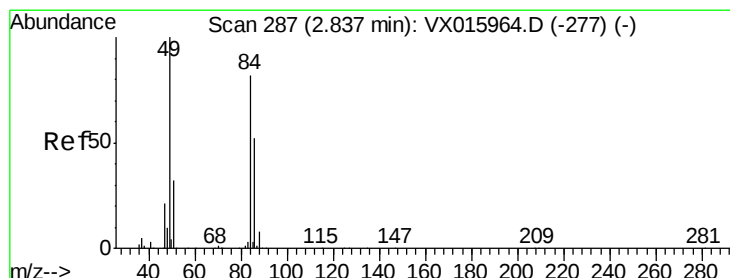
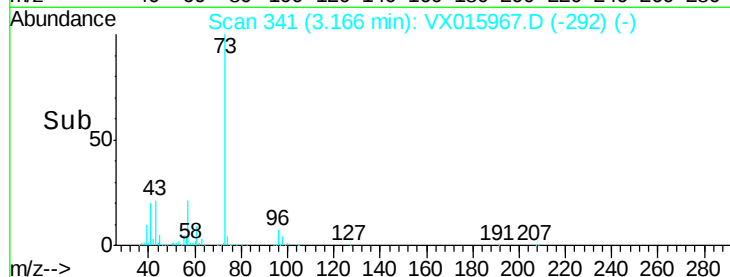
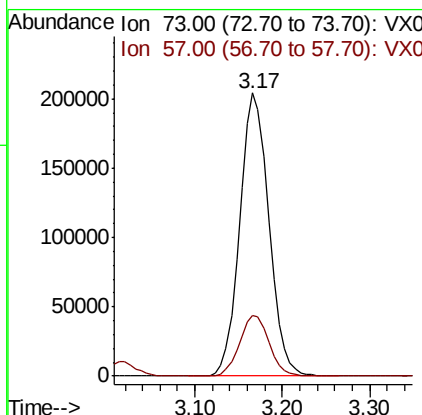
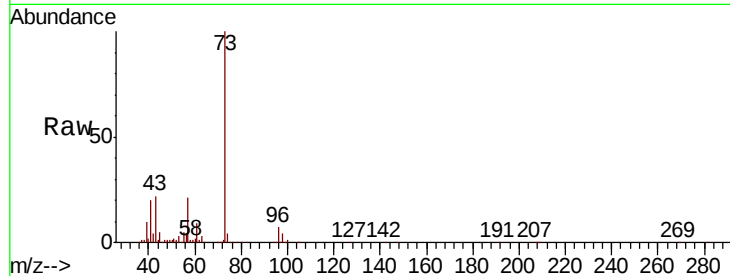


#19

Methyl tert-butyl Ether
 Concen: 53.023 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX015967.D
 Acq: 28 Apr 2020 17:17

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042820

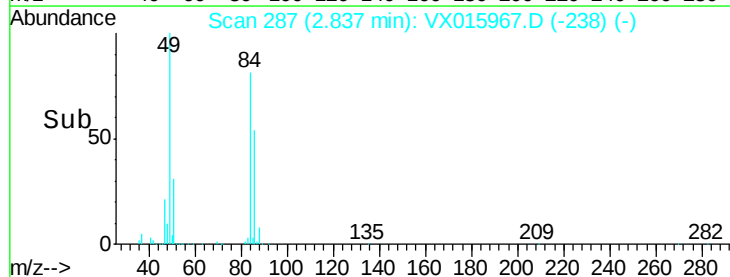
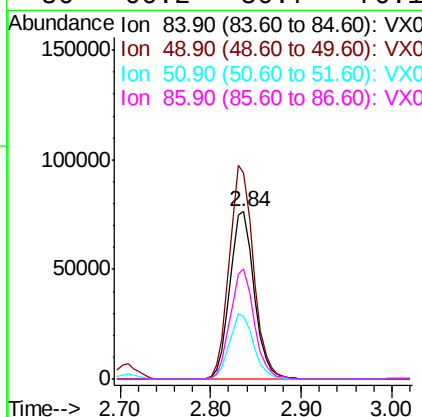
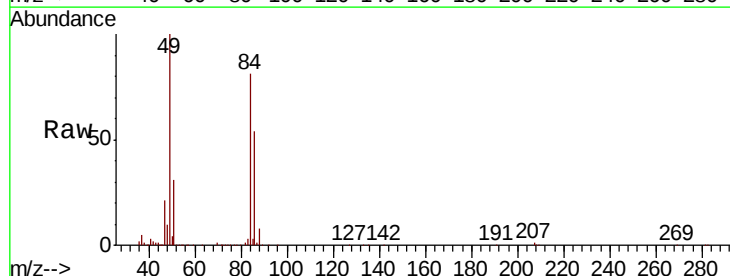
Tot Ion: 73 Resp: 471134
 Ion Ratio Lower Upper
 73 100
 57 21.4 17.5 26.3

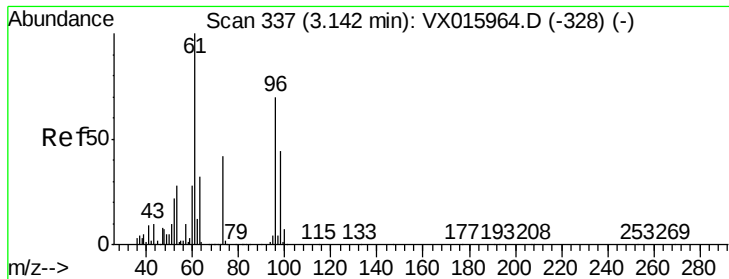


#20

Methylene Chloride
 Concen: 50.149 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX015967.D
 Acq: 28 Apr 2020 17:17

Tgt Ion: 84 Resp: 142516
 Ion Ratio Lower Upper
 84 100
 49 123.3 97.9 146.9
 51 37.7 31.2 46.8
 86 66.2 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 51.070 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042820

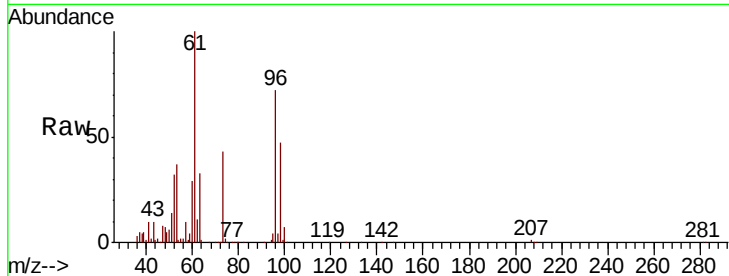
Tot Ion: 96 Resp: 141396

Ion Ratio Lower Upper

96 100

61 139.2 113.6 170.4

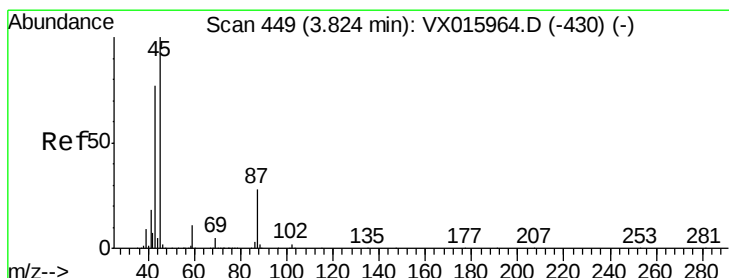
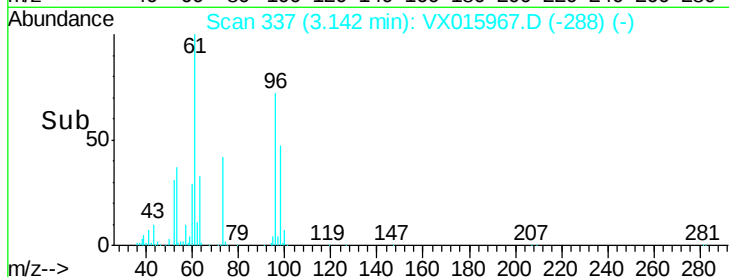
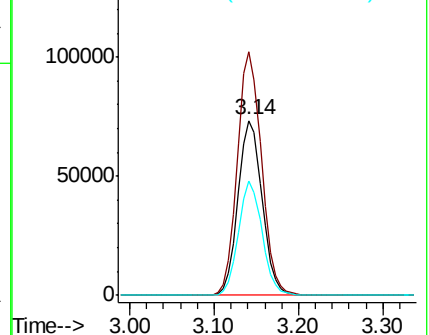
98 65.1 50.3 75.5



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: 52.554 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

Tgt Ion: 45 Resp: 457697

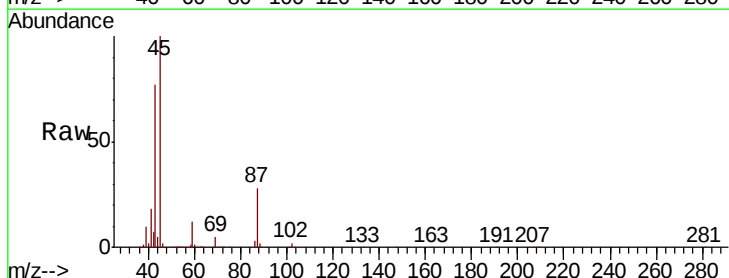
Ion Ratio Lower Upper

45 100

43 77.5 61.3 91.9

87 28.3 22.6 33.8

59 11.5 9.0 13.6

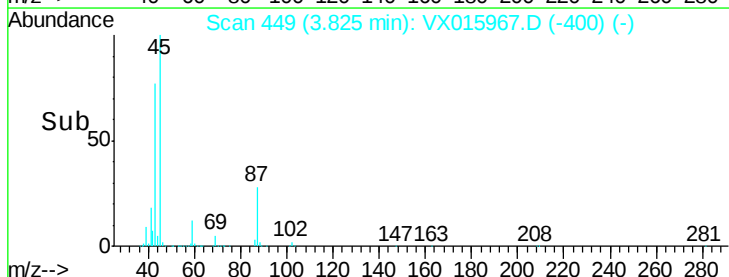
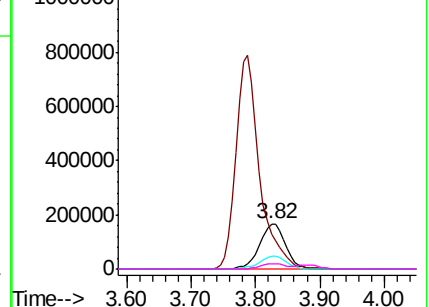


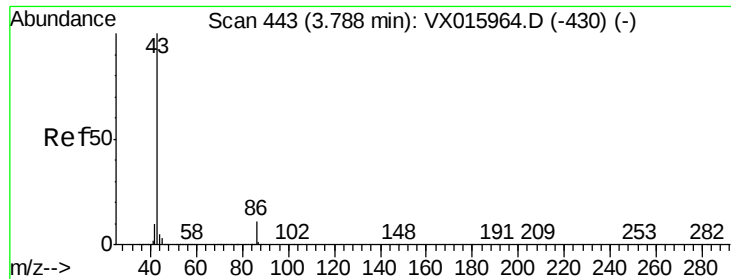
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 267.814 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

Instrument :

MSVOA_X

ClientSampleId :

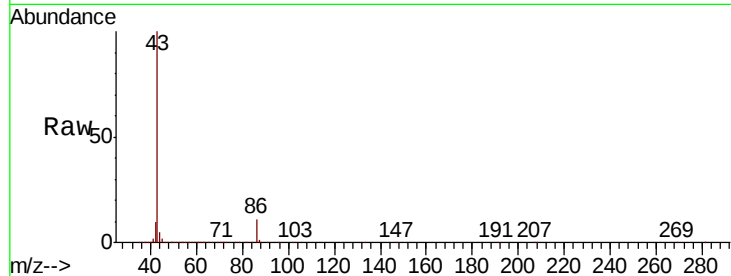
ICVVX042820

Tot Ion: 43 Resp: 2026106

Ion Ratio Lower Upper

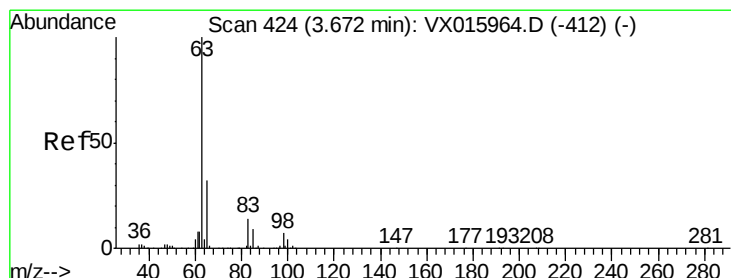
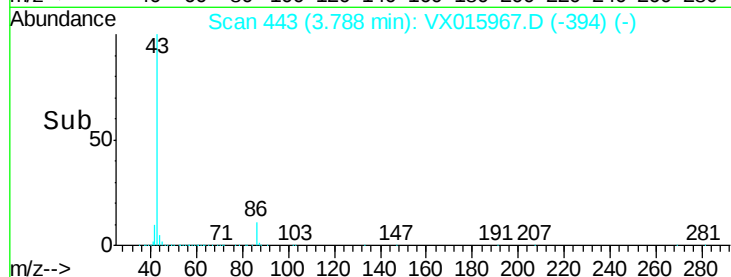
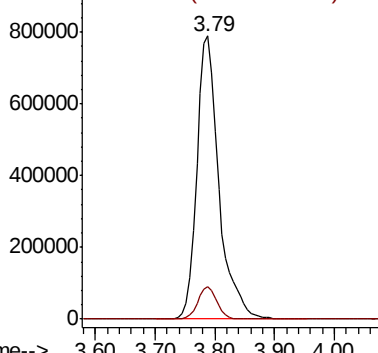
43 100

86 11.3 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 52.770 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

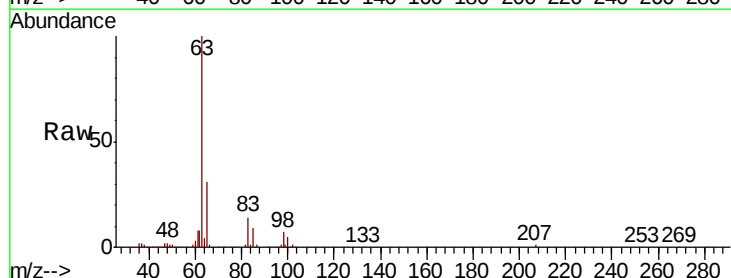
Tgt Ion: 63 Resp: 256015

Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

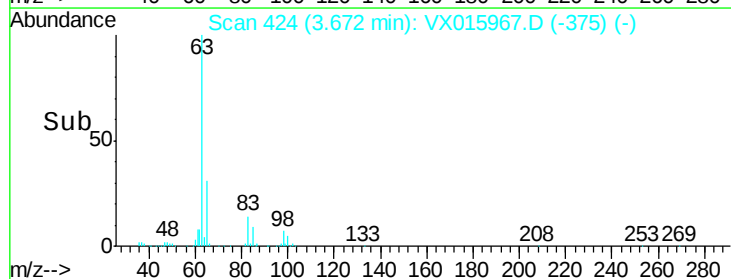
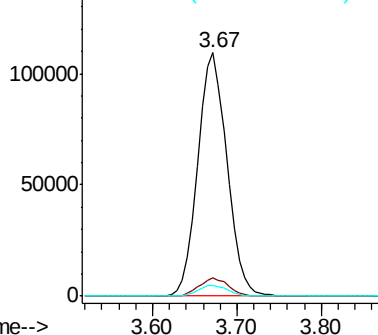
100 4.5 2.2 6.6

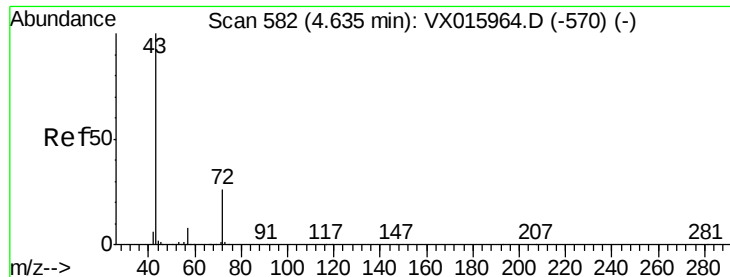


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 266.568 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

Instrument :

MSVOA_X

ClientSampleId :

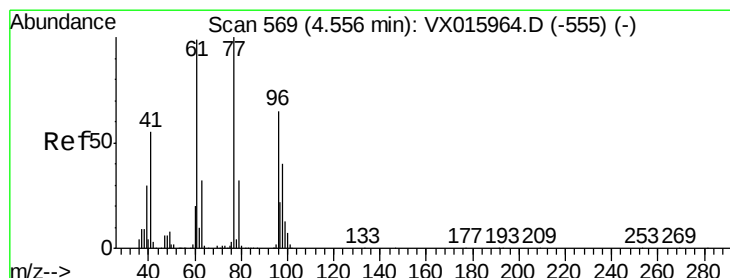
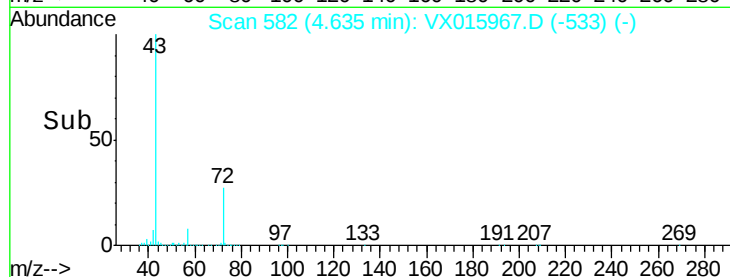
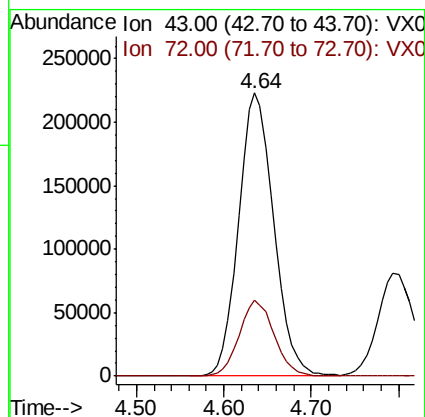
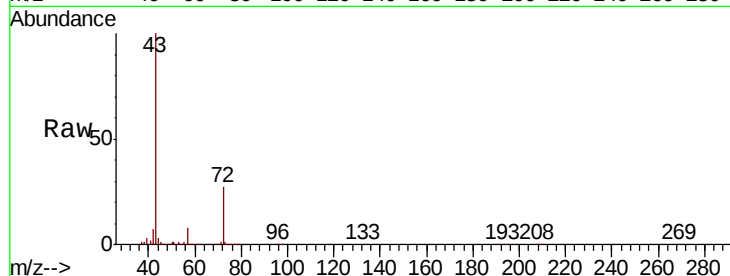
ICVVX042820

Tot Ion: 43 Resp: 620124

Ion Ratio Lower Upper

43 100

72 26.7 21.0 31.4



#26

2,2-Dichloropropane

Concen: 51.770 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX015967.D

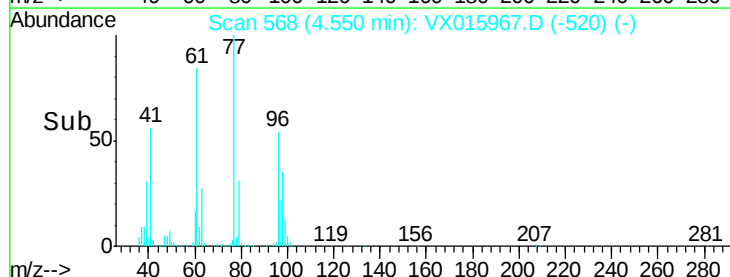
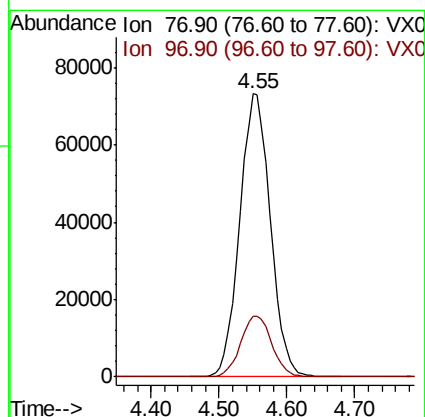
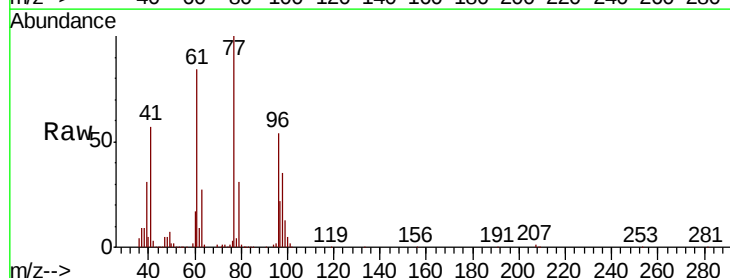
Acq: 28 Apr 2020 17:17

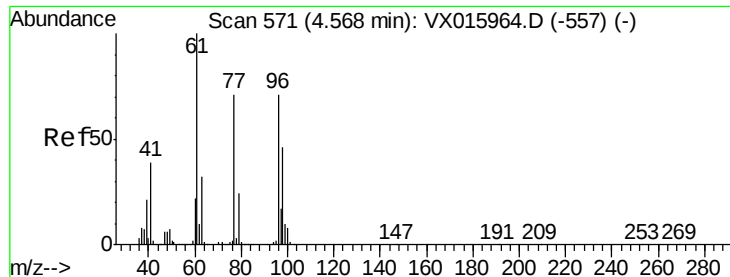
Tgt Ion: 77 Resp: 229647

Ion Ratio Lower Upper

77 100

97 21.9 11.1 33.3



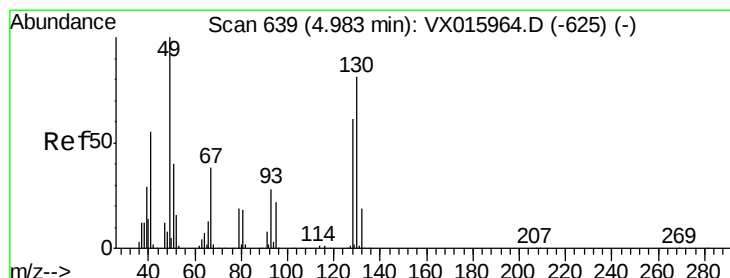
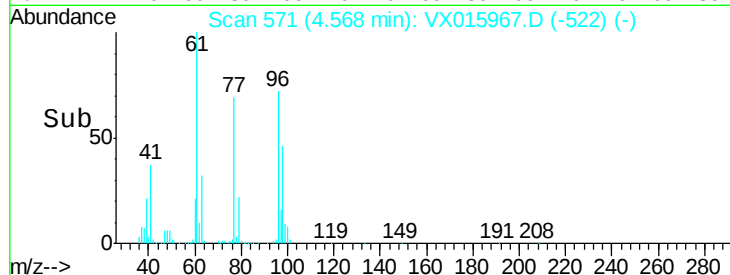
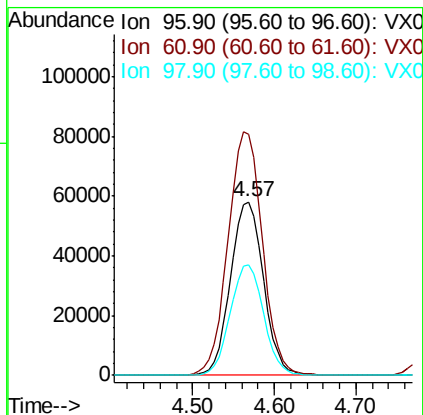
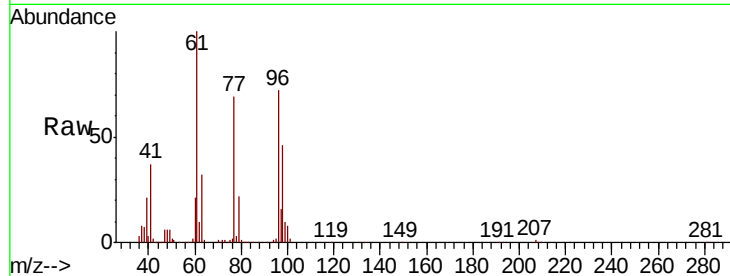


#27

cis-1,2-Dichloroethene
Concen: 51.427 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX015967.D
Acq: 28 Apr 2020 17:17

Instrument :
MSVOA_X
ClientSampled :
ICVVX042820

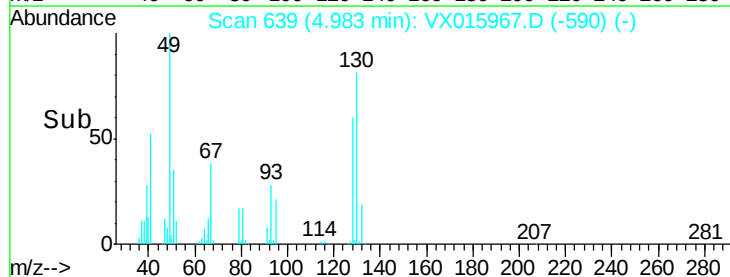
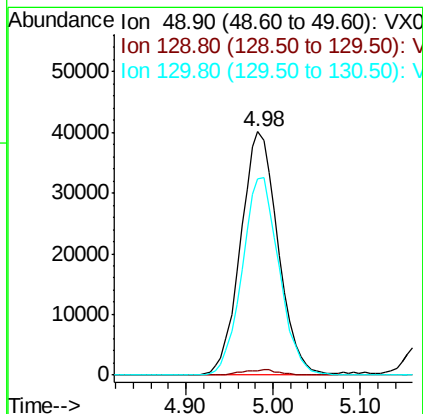
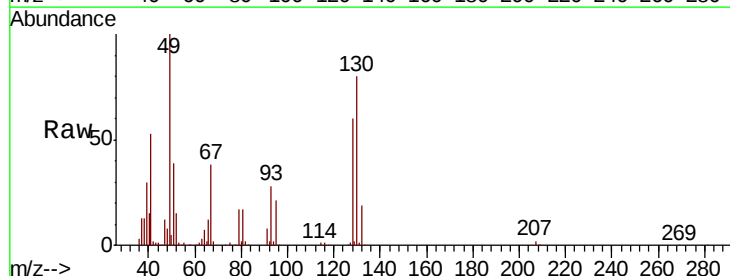
Tot Ion	96	Resp	161579
Ion Ratio	Lower	Upper	
96	100		
61	147.4	0.0	294.2
98	64.9	0.0	127.4

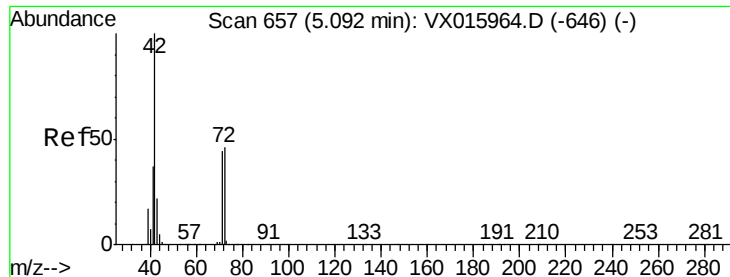


#28

Bromochloromethane
Concen: 50.682 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX015967.D
Acq: 28 Apr 2020 17:17

Tgt Ion	49	Resp	118985
Ion Ratio	Lower	Upper	
49	100		
129	2.2	0.0	4.6
130	80.2	63.9	95.9





#29

Tetrahydrofuran

Concen: 263.121 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042820

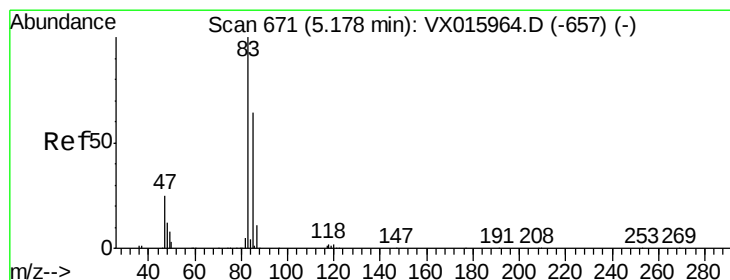
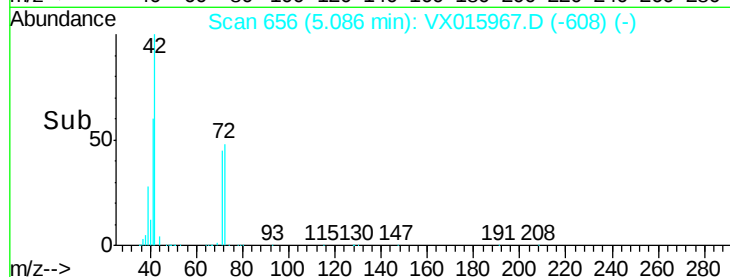
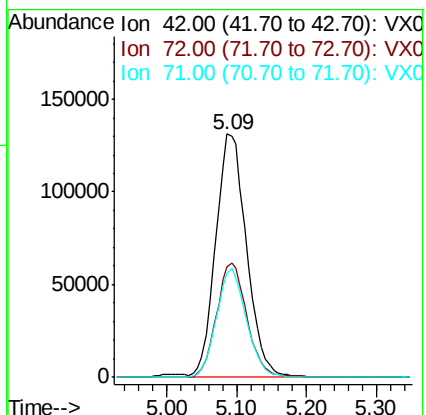
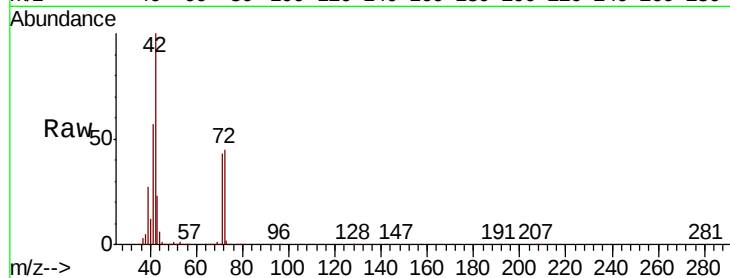
Tot Ion: 42 Resp: 401148

Ion Ratio Lower Upper

42 100

72 46.6 37.4 56.0

71 43.5 34.6 52.0



#30

Chloroform

Concen: 52.202 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX015967.D

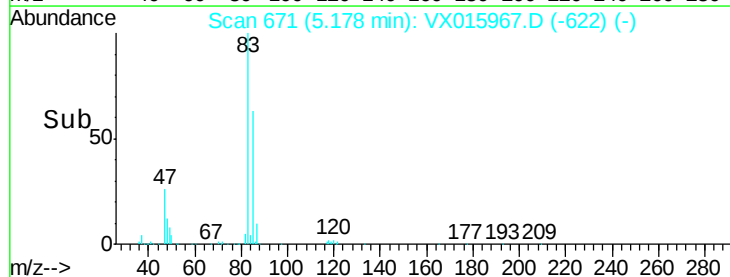
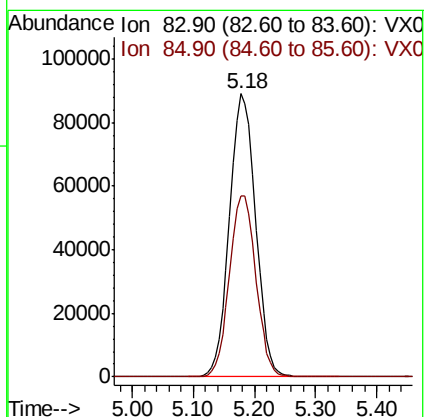
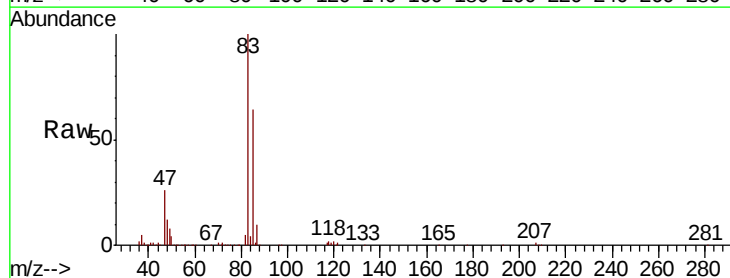
Acq: 28 Apr 2020 17:17

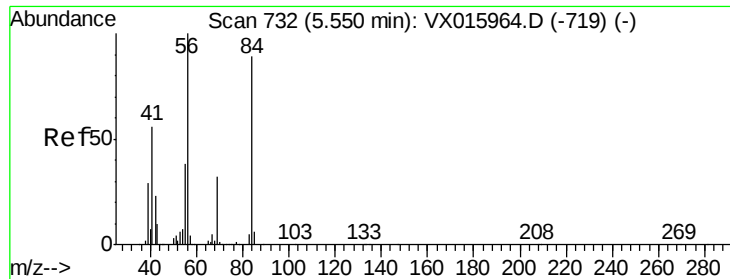
Tgt Ion: 83 Resp: 263348

Ion Ratio Lower Upper

83 100

85 64.0 51.0 76.4

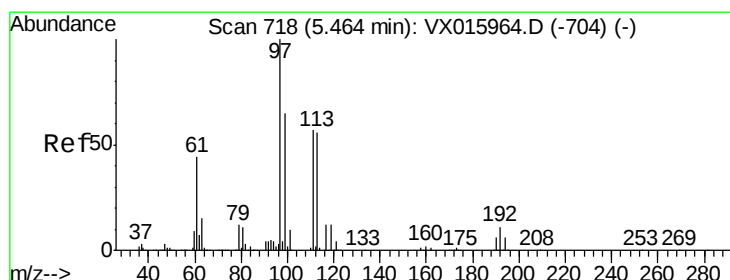
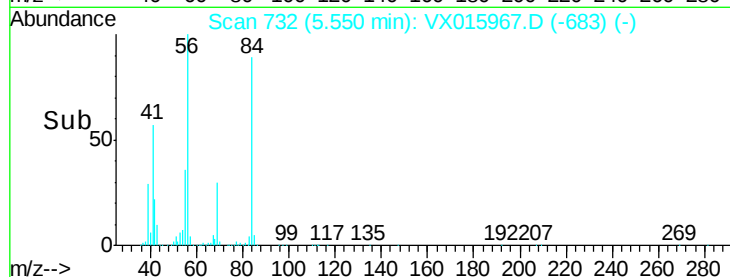
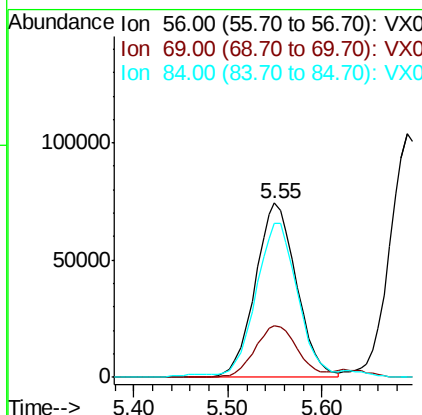
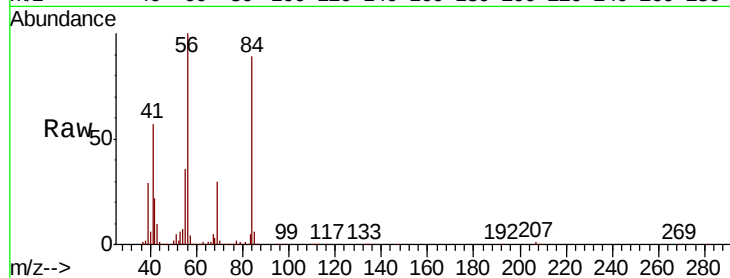




#31
Cyclohexane
Concen: 52.494 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX015967.D
Acq: 28 Apr 2020 17:17

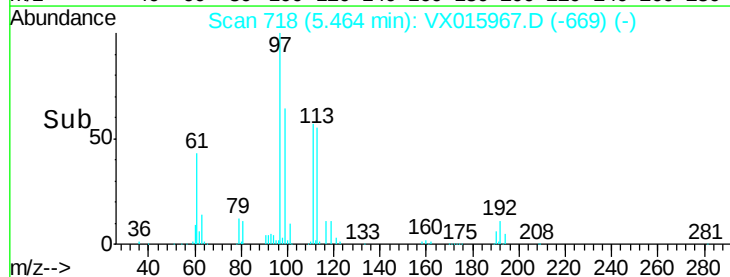
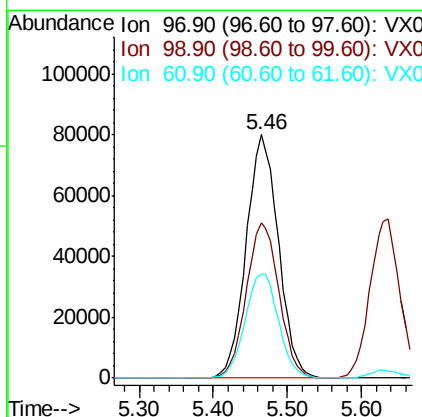
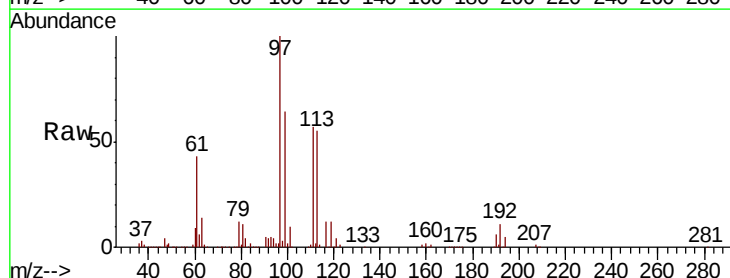
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042820

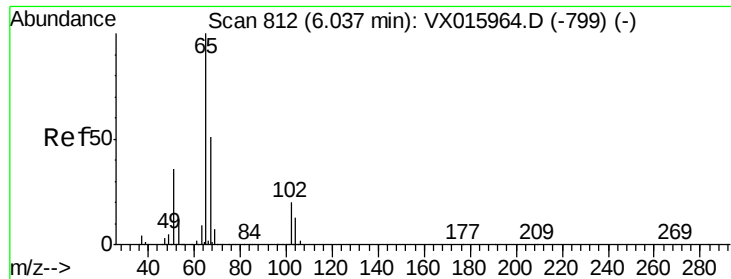
Tot Ion: 56 Resp: 226725
Ion Ratio Lower Upper
56 100
69 30.0 25.4 38.2
84 86.9 71.0 106.6



#32
1,1,1-Trichloroethane
Concen: 52.192 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX015967.D
Acq: 28 Apr 2020 17:17

Tgt Ion: 97 Resp: 242429
Ion Ratio Lower Upper
97 100
99 65.0 51.4 77.0
61 44.7 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 51.178 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

Instrument :

MSVOA_X

ClientSampleId :

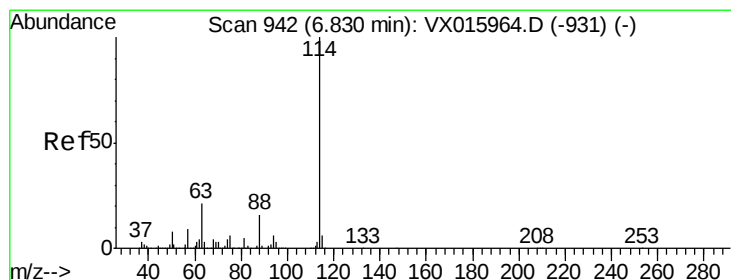
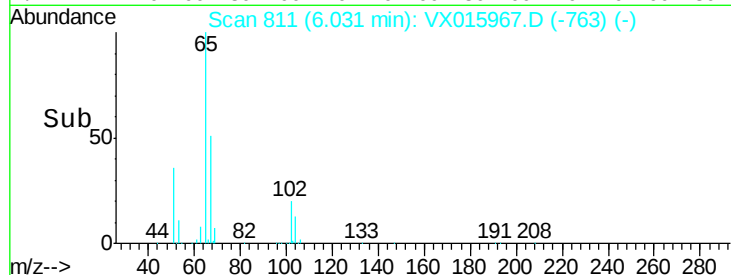
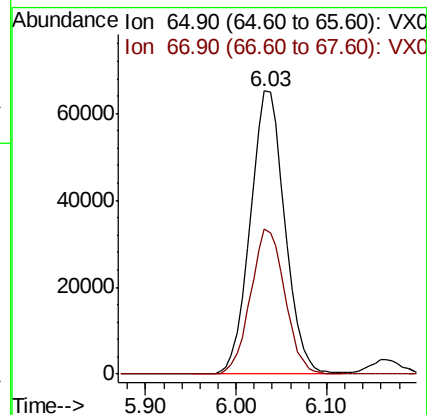
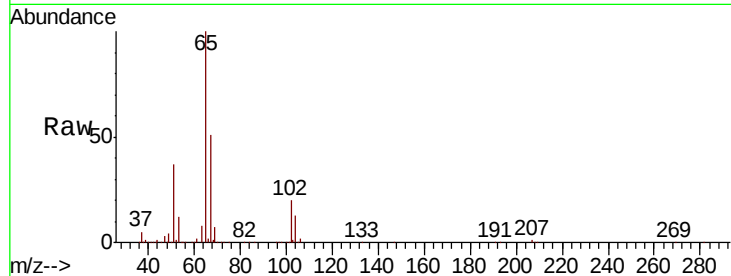
ICVVX042820

Tot Ion: 65 Resp: 171813

Ion Ratio Lower Upper

65 100

67 51.0 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

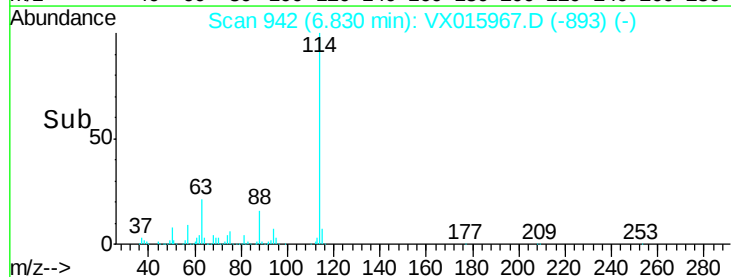
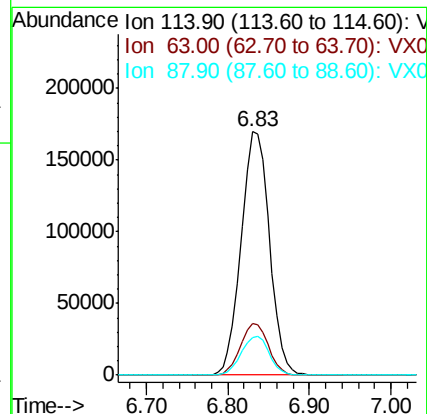
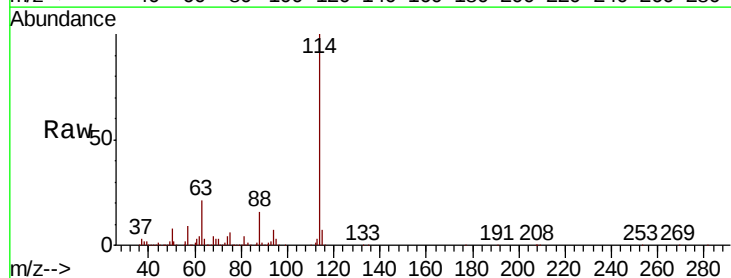
Tgt Ion: 114 Resp: 408667

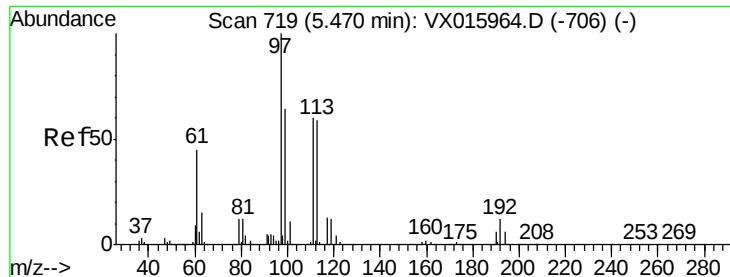
Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.2

88 15.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.589 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042820

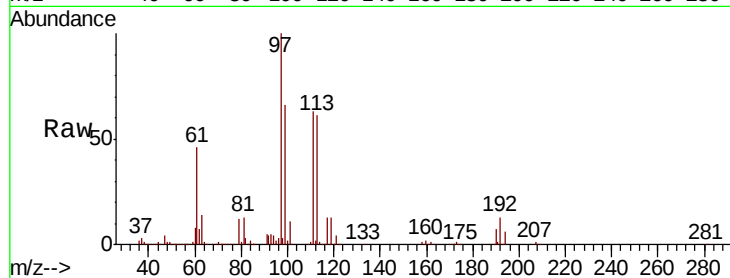
Tot Ion:113 Resp: 131515

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.8

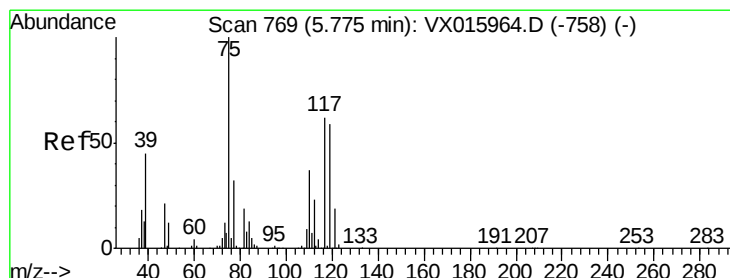
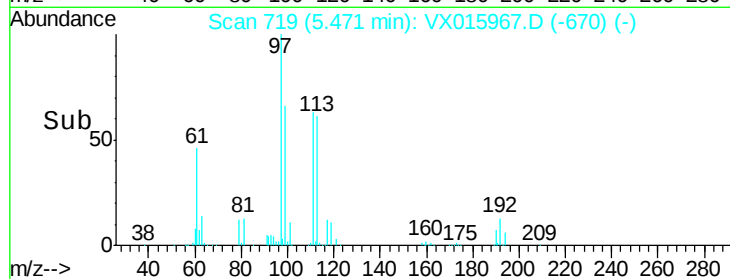
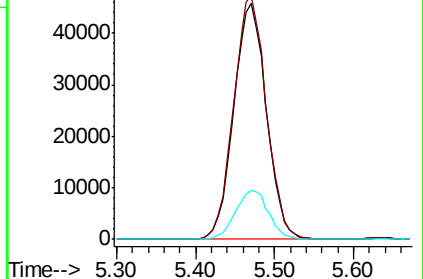
192 21.1 16.8 25.2



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



#36

1,1-Dichloropropene

Concen: 50.874 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

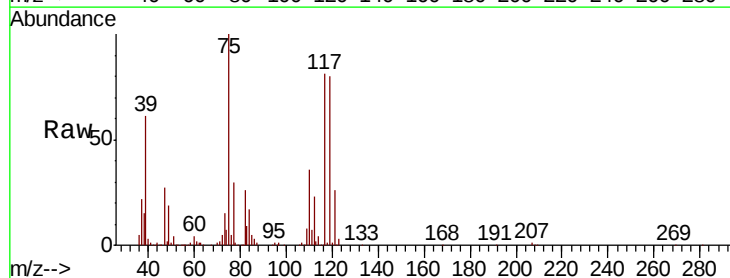
Tgt Ion: 75 Resp: 198018

Ion Ratio Lower Upper

75 100

110 35.4 17.9 53.7

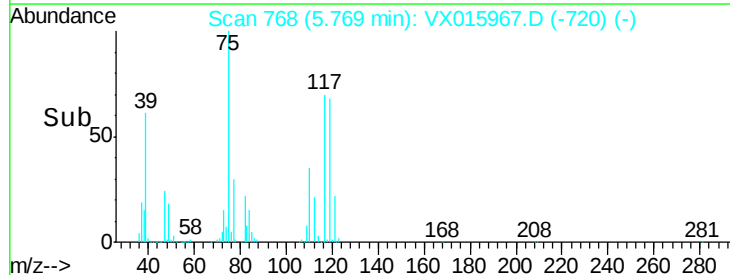
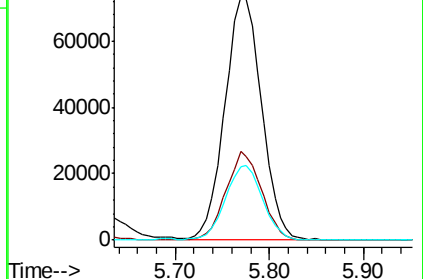
77 31.2 25.2 37.8

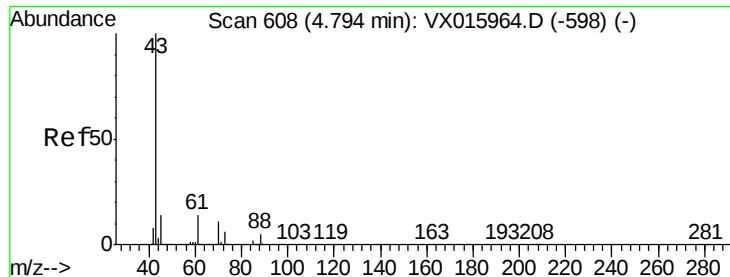


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

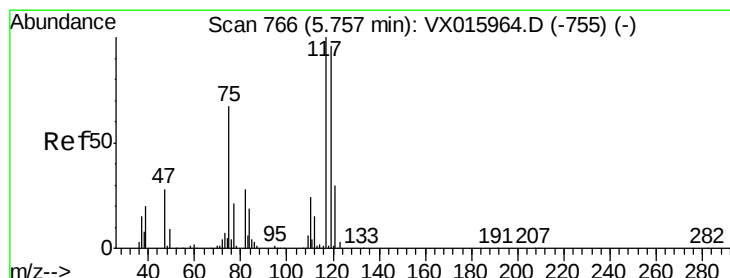
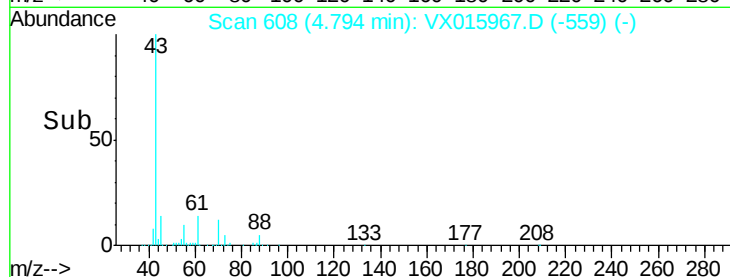
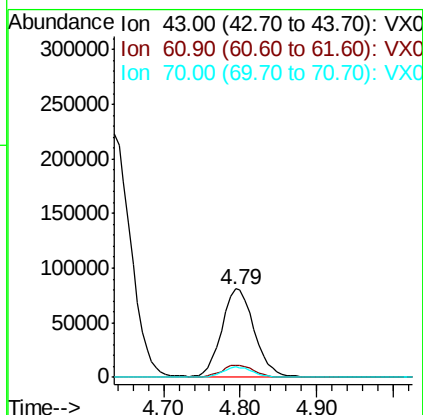
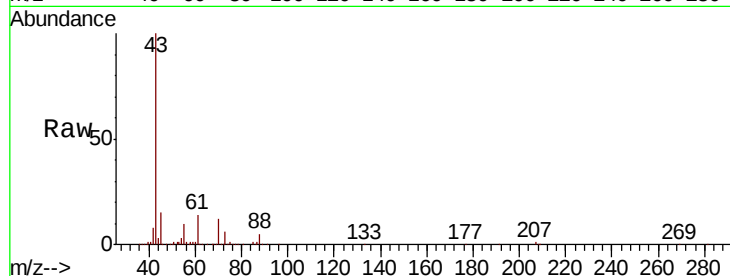




#37
Ethyl Acetate
Concen: 53.165 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX015967.D
Acq: 28 Apr 2020 17:17

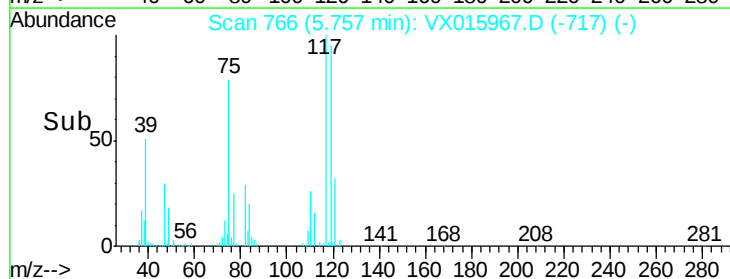
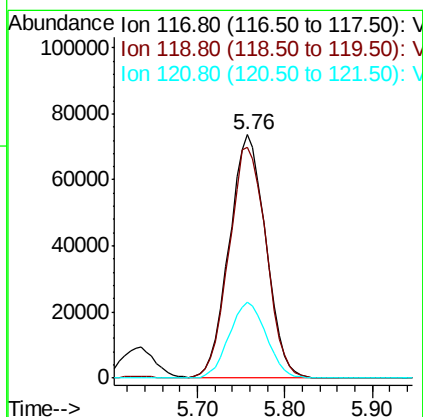
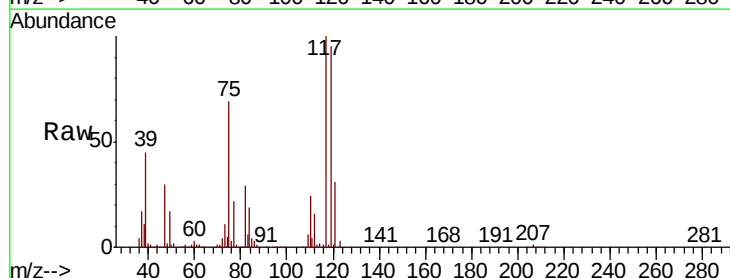
Instrument :
MSVOA_X
ClientSampled :
ICVVX042820

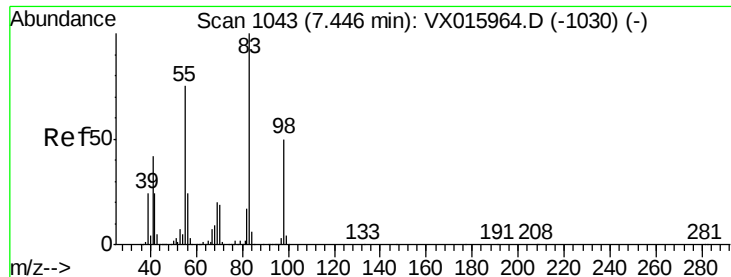
Tot Ion: 43 Resp: 237286
Ion Ratio Lower Upper
43 100
61 13.7 11.6 17.4
70 11.2 8.9 13.3



#38
Carbon Tetrachloride
Concen: 52.249 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX015967.D
Acq: 28 Apr 2020 17:17

Tgt Ion: 117 Resp: 214807
Ion Ratio Lower Upper
117 100
119 94.8 76.2 114.4
121 31.3 24.2 36.4

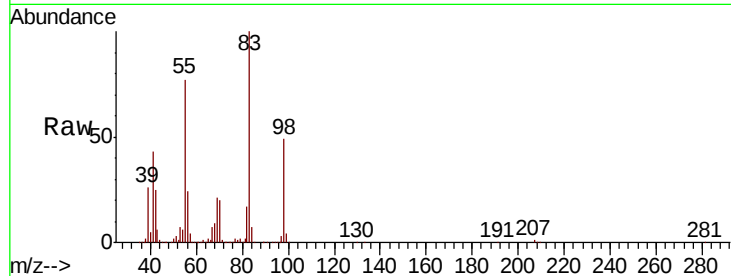




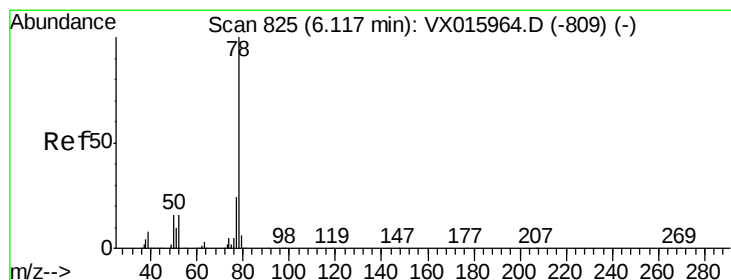
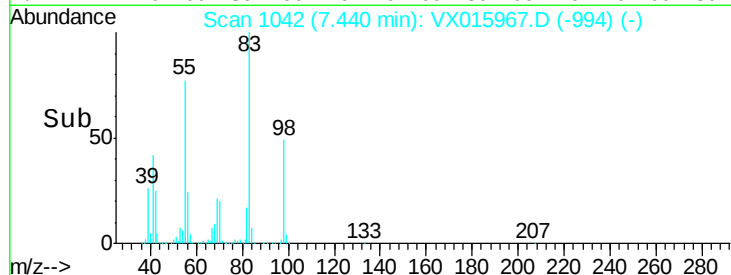
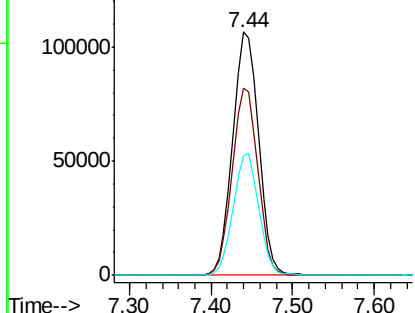
#39
Methvlcvclohexane
Concen: 51.997 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX015967.D
Acq: 28 Apr 2020 17:17

Instrument :
MSVOA_X
ClientSampled :
ICVVX042820

Tot Ion	83	Resp	234105
Ion	Ratio	Lower	Upper
83	100		
55	76.8	59.9	89.9
98	49.1	39.9	59.9

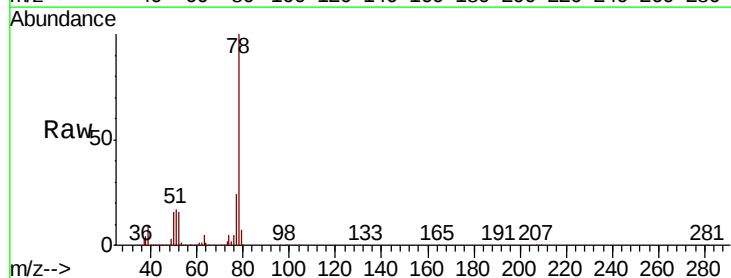


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

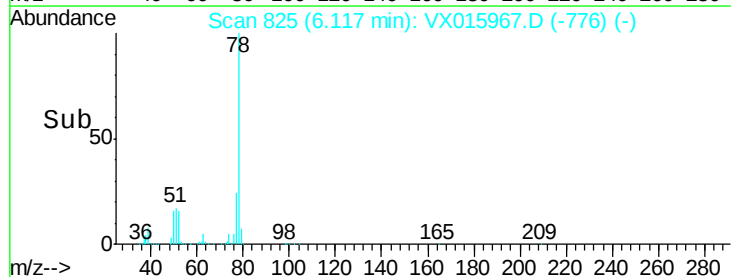
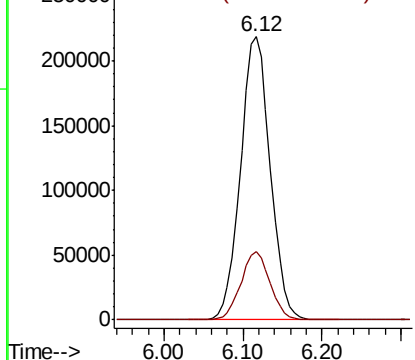


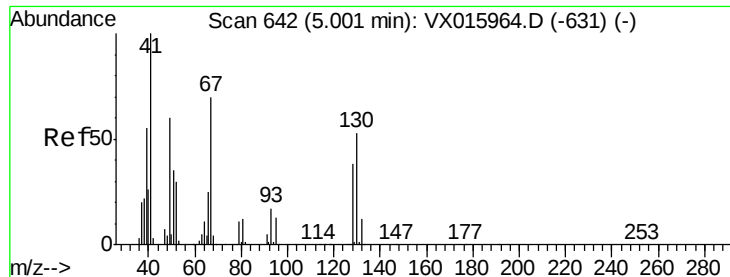
#40
Benzene
Concen: 51.445 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX015967.D
Acq: 28 Apr 2020 17:17

Tgt Ion	78	Resp	571343
Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.8	28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

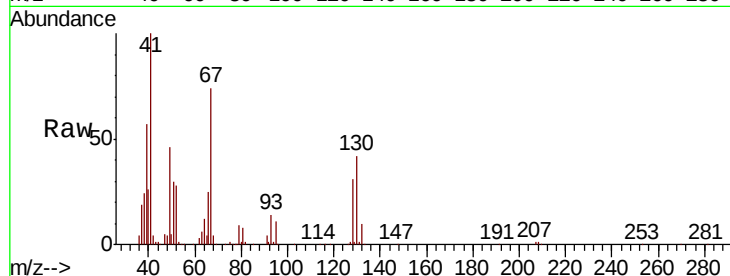




#41
Methacrylonitrile
Concen: 54.412 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX015967.D
Acq: 28 Apr 2020 17:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX042820

Tot Ion:	41	Resp:	129992
Ion	Ratio	Lower	Upper
41	100		
39	56.1	45.2	67.8
67	72.1	59.4	89.2
52	29.5	25.4	38.0



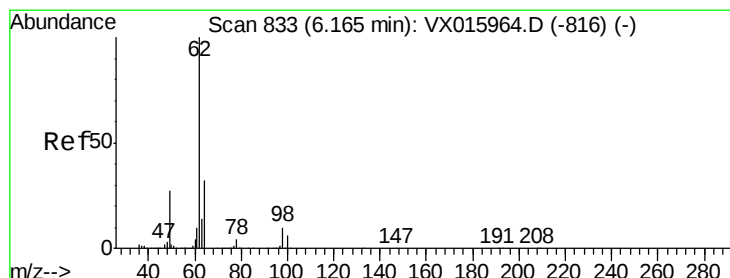
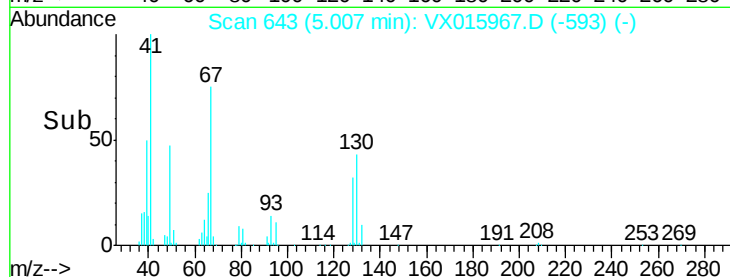
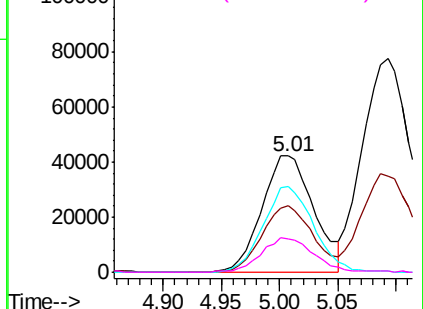
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

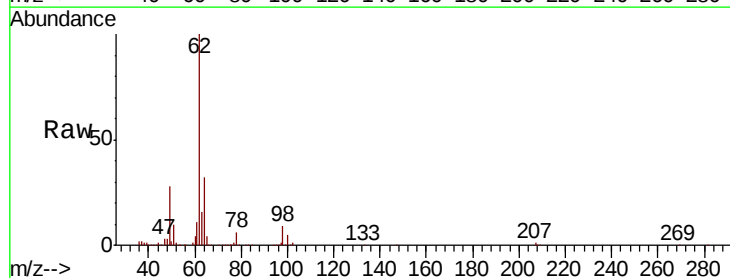
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 51.175 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX015967.D
Acq: 28 Apr 2020 17:17

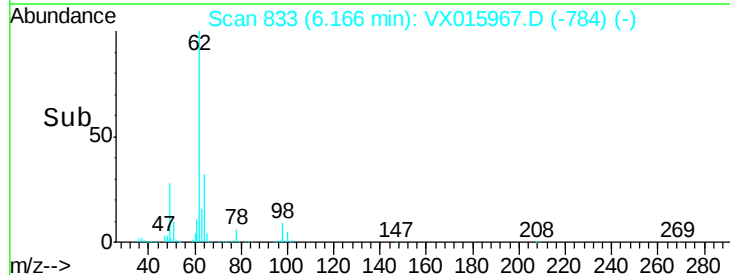
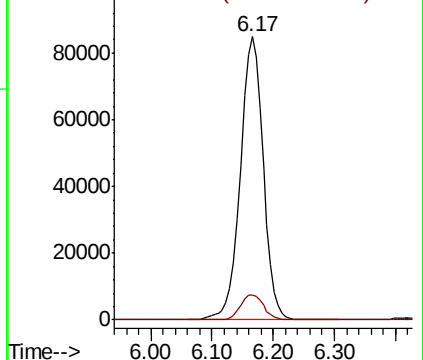
Tgt Ion:	62	Resp:	220213
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.4

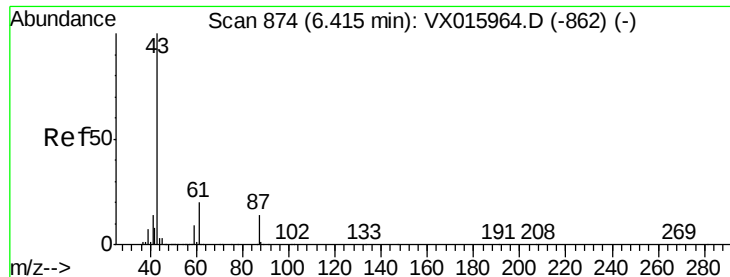


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



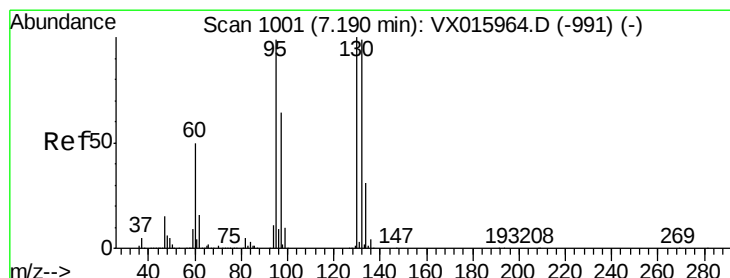
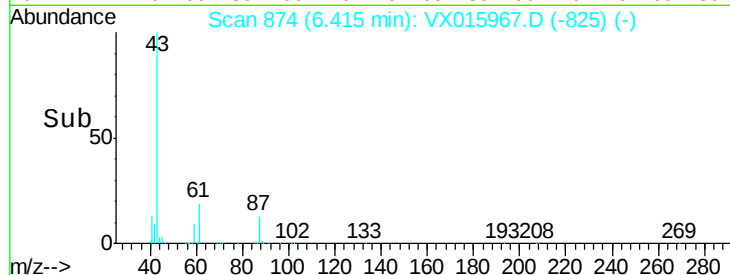
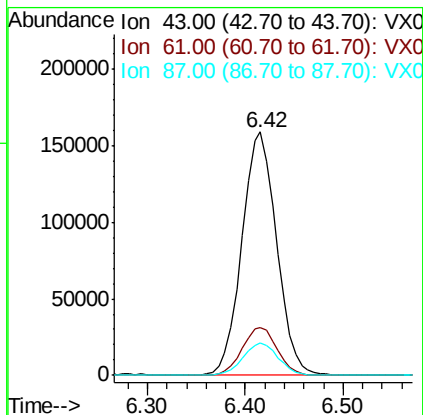
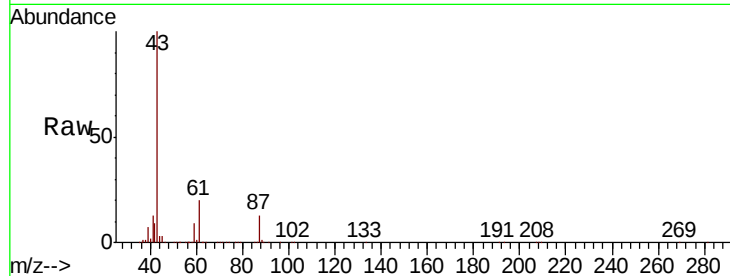


#43

Isopropyl Acetate
 Concen: 52.780 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX015967.D
 Acq: 28 Apr 2020 17:17

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042820

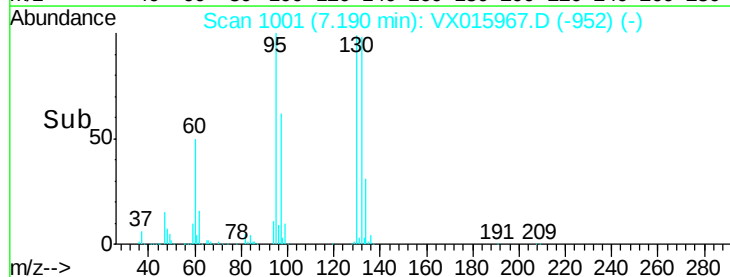
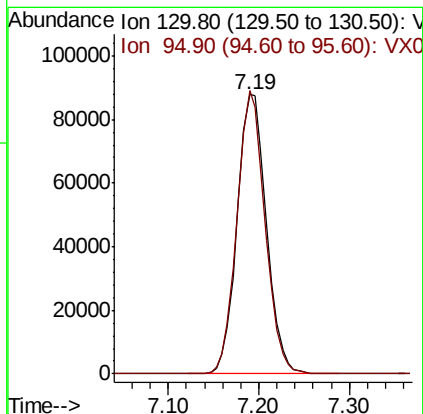
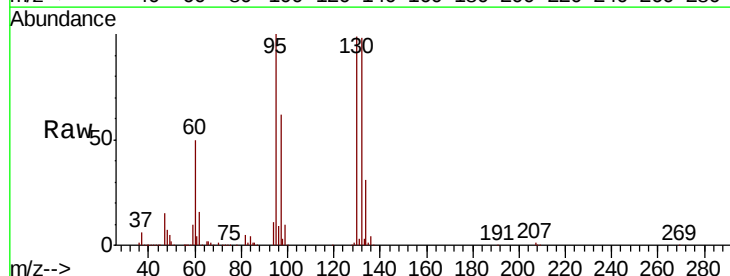
Tot Ion	43	Resp	390086
Ion Ratio	Lower	Upper	
43	100		
61	20.1	16.1	24.1
87	13.6	10.9	16.3

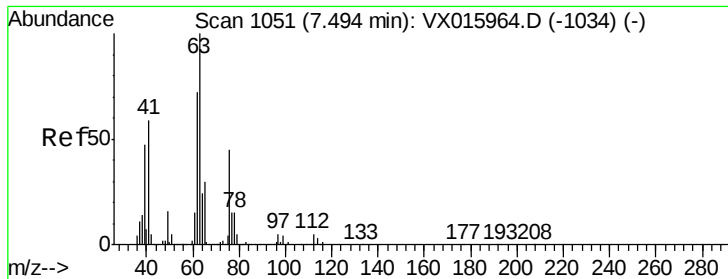


#44

Trichloroethene
 Concen: 49.171 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX015967.D
 Acq: 28 Apr 2020 17:17

Tgt Ion	130	Resp	196834
Ion Ratio	Lower	Upper	
130	100		
95	101.5	0.0	197.4

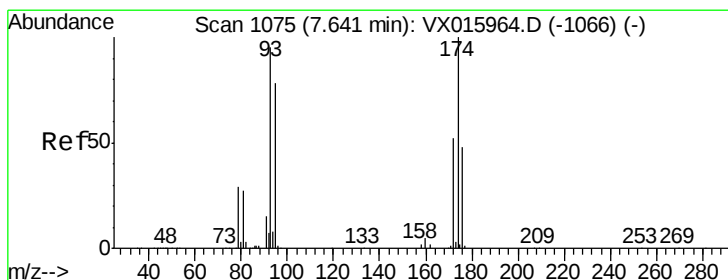
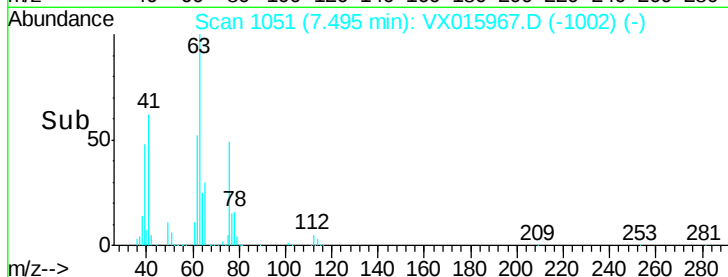
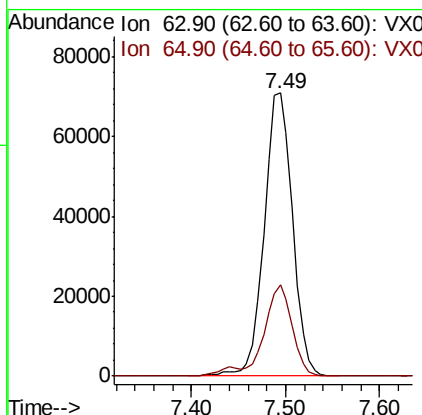
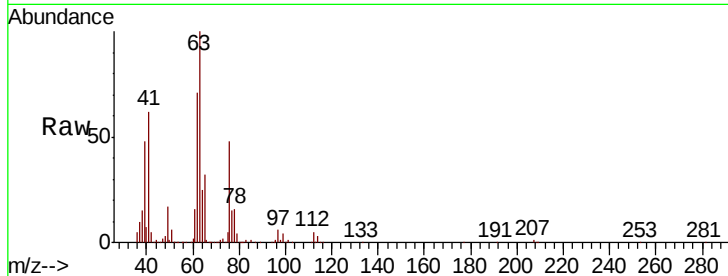




#45
 1,2-Dichloropropane
 Concen: 52.114 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VX015967.D
 Acq: 28 Apr 2020 17:17

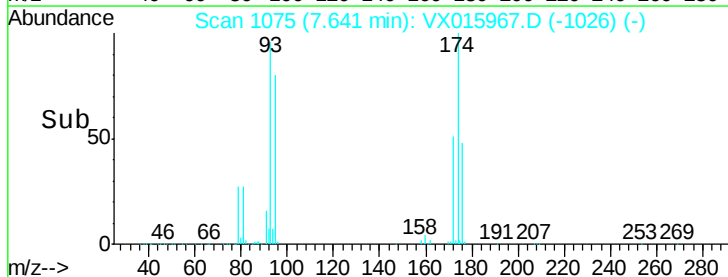
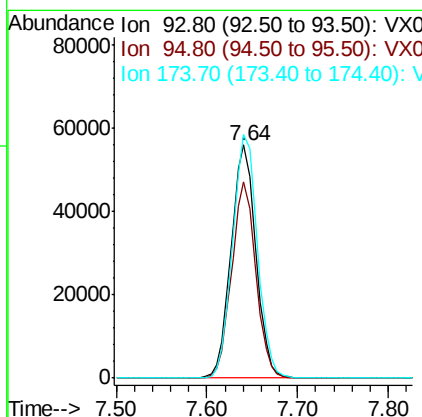
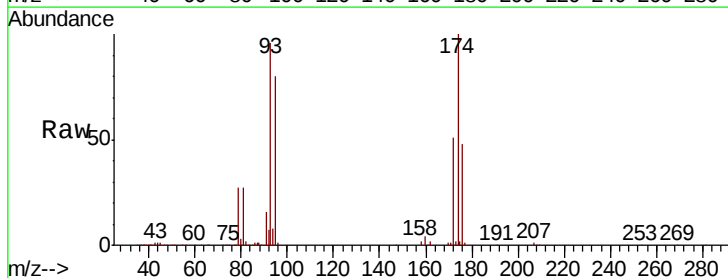
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042820

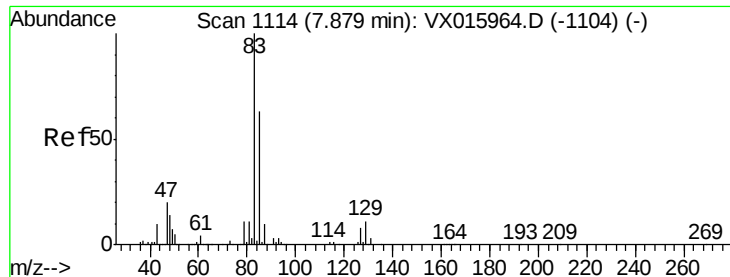
Tot Ion: 63 Resp: 149579
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.3 36.5



#46
 Dibromomethane
 Concen: 52.069 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX015967.D
 Acq: 28 Apr 2020 17:17

Tgt Ion: 93 Resp: 106194
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.5 98.3
 174 105.2 82.7 124.1





#47

Bromodichloromethane

Concen: 53.143 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042820

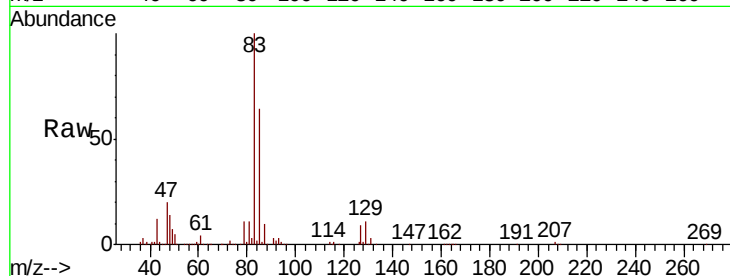
Tot Ion: 83 Resp: 215380

Ion Ratio Lower Upper

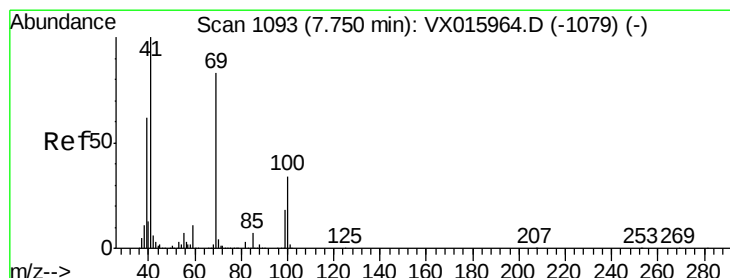
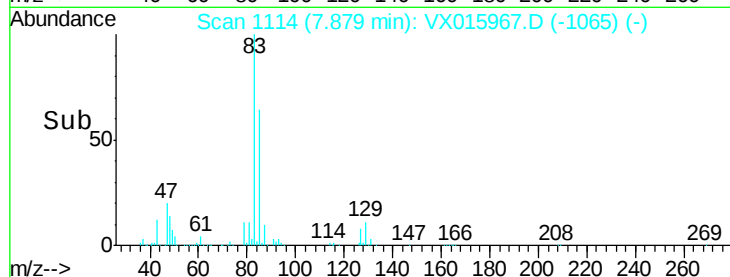
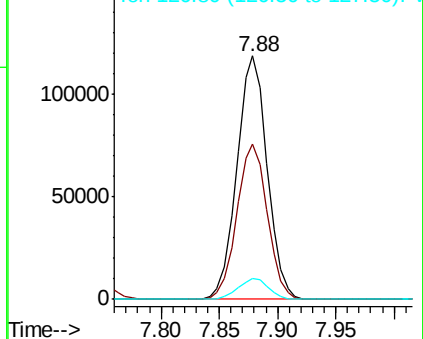
83 100

85 63.7 50.6 75.8

127 8.5 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: 53.522 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

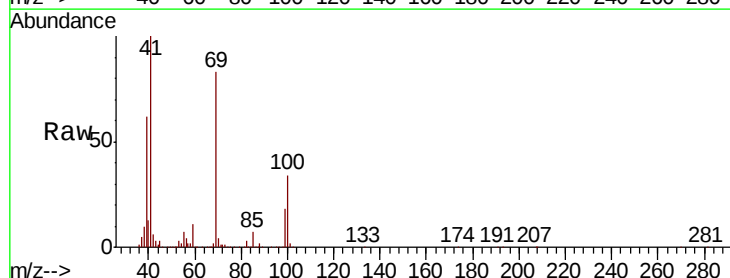
Tgt Ion: 41 Resp: 182637

Ion Ratio Lower Upper

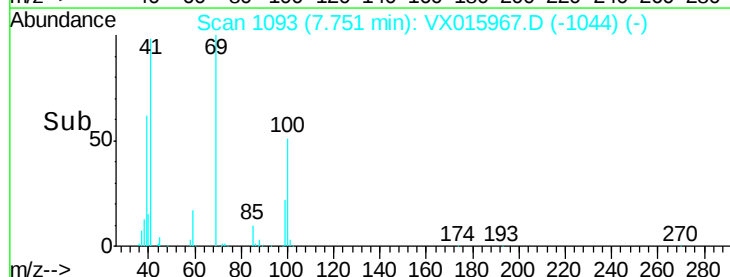
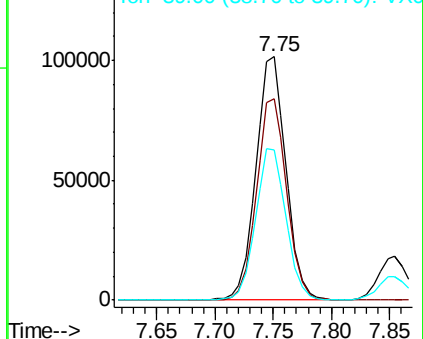
41 100

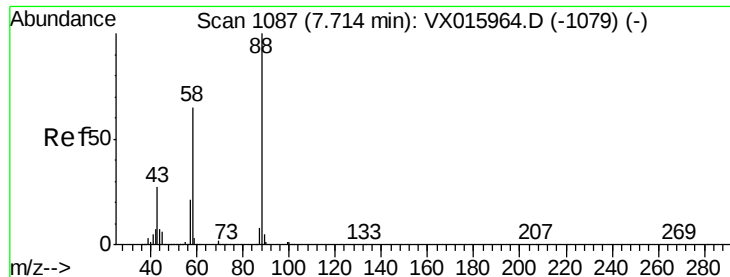
69 83.1 66.0 99.0

39 62.7 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: 1051.887 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042820

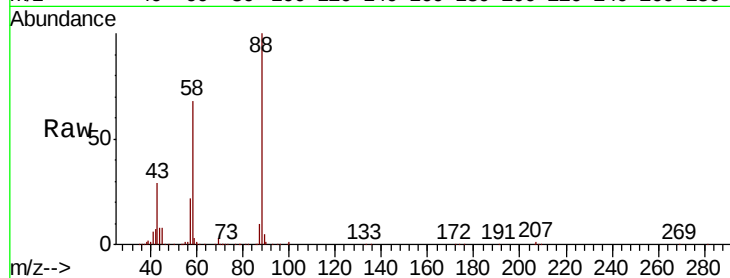
Tot Ion: 88 Resp: 84441

Ion Ratio Lower Upper

88 100

43 33.5 26.6 39.8

58 69.0 54.8 82.2

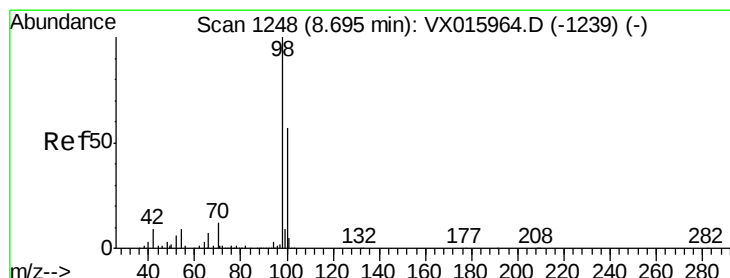
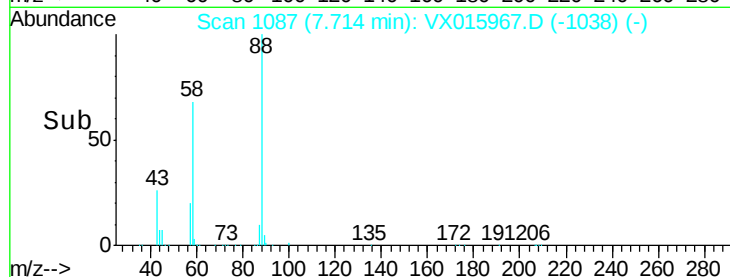
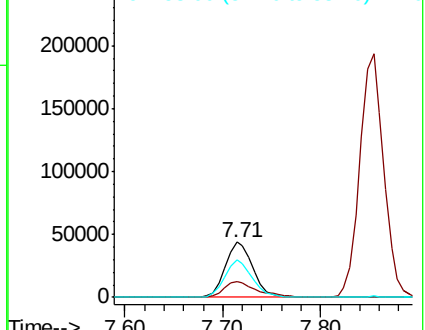


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.867 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX015967.D

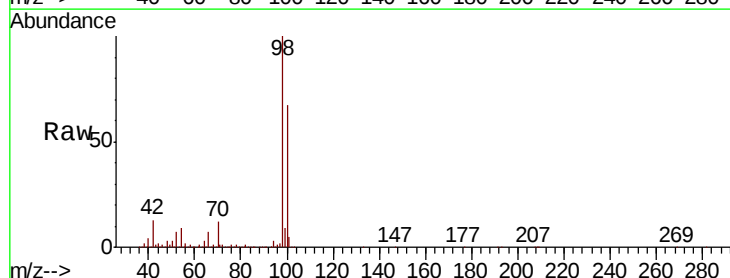
Acq: 28 Apr 2020 17:17

Tgt Ion: 98 Resp: 494375

Ion Ratio Lower Upper

98 100

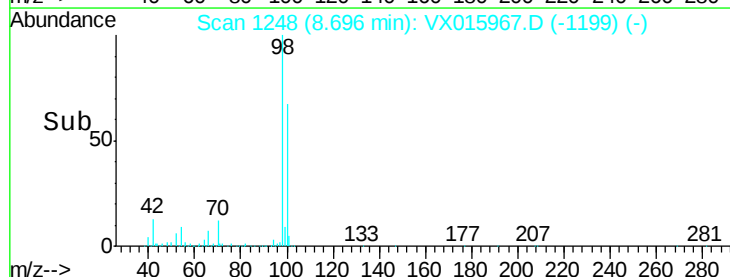
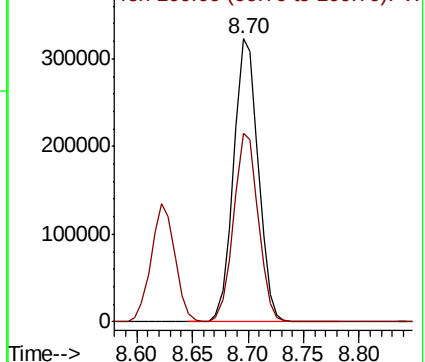
100 66.6 53.1 79.7

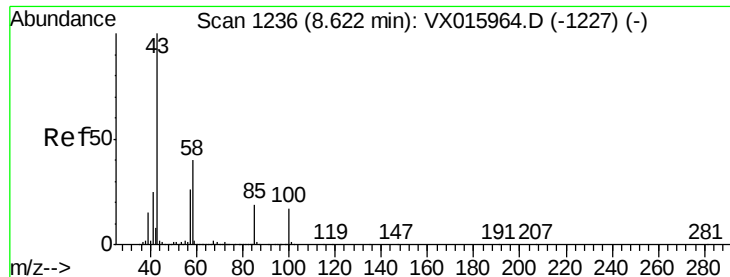


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

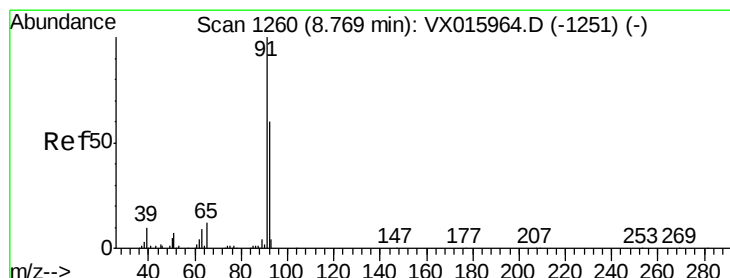
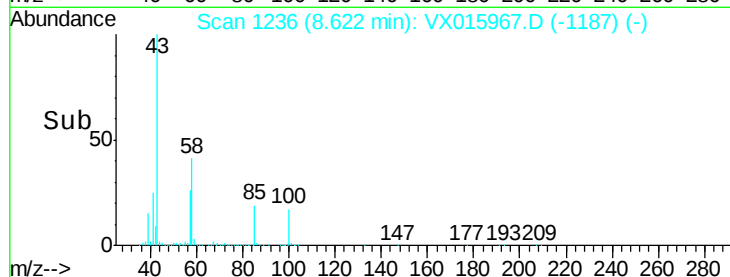
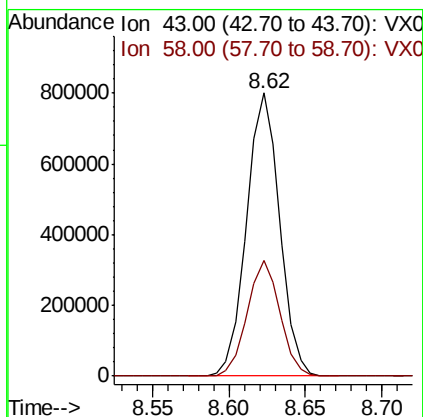
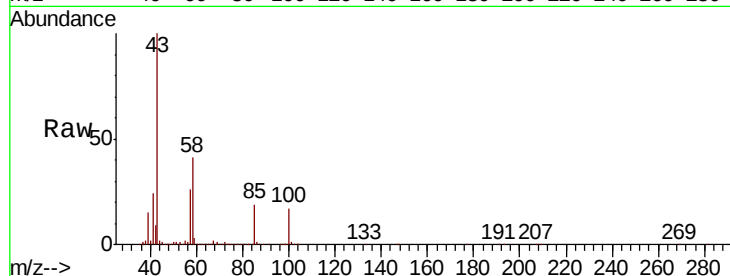




#51
 4-Methyl-2-Pentanone
 Concen: 268.212 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX015967.D
 Acq: 28 Apr 2020 17:17

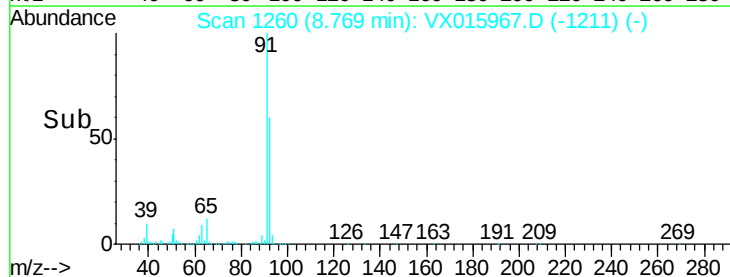
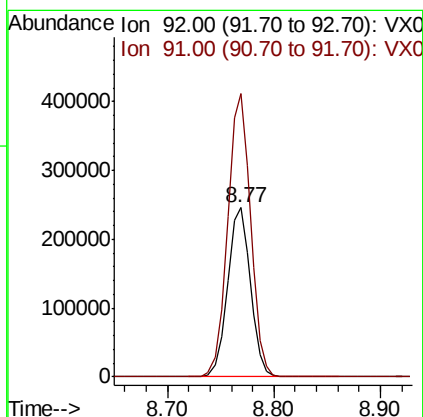
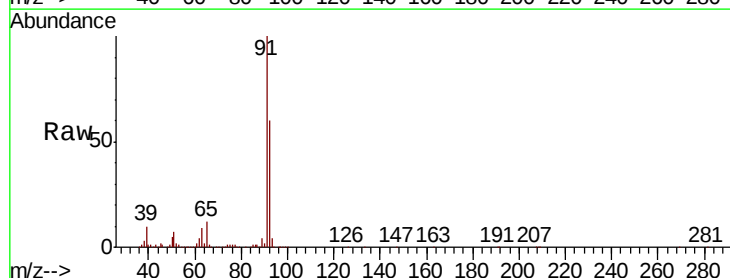
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042820

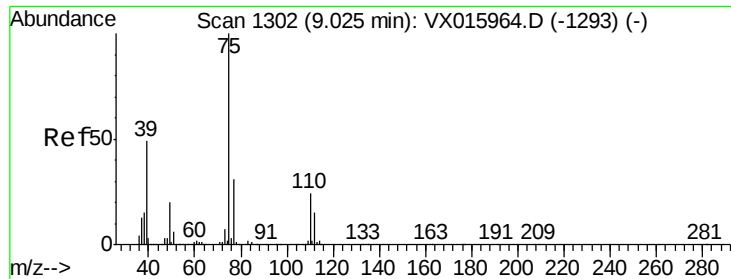
Tot Ion: 43 Resp: 1202402
 Ion Ratio Lower Upper
 43 100
 58 40.4 32.0 48.0



#52
 Toluene
 Concen: 52.306 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VX015967.D
 Acq: 28 Apr 2020 17:17

Tgt Ion: 92 Resp: 368733
 Ion Ratio Lower Upper
 92 100
 91 167.7 134.6 202.0

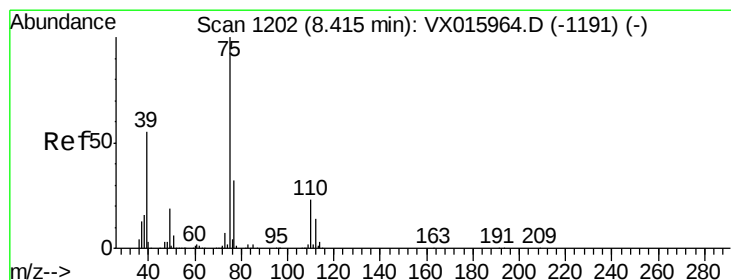
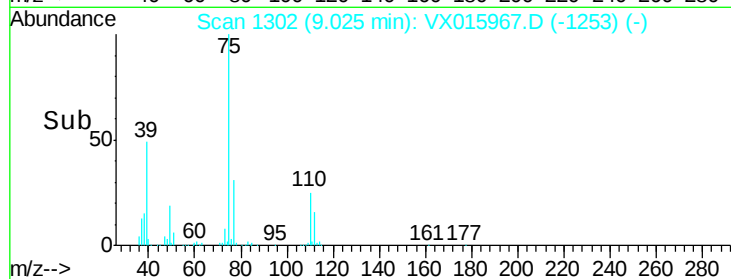
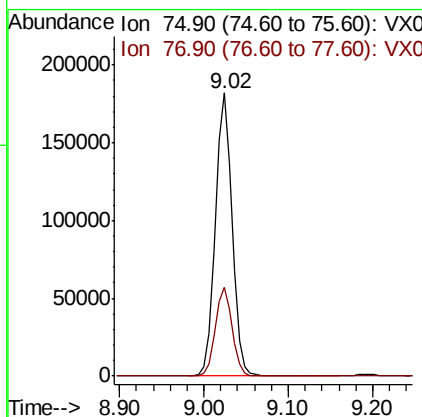
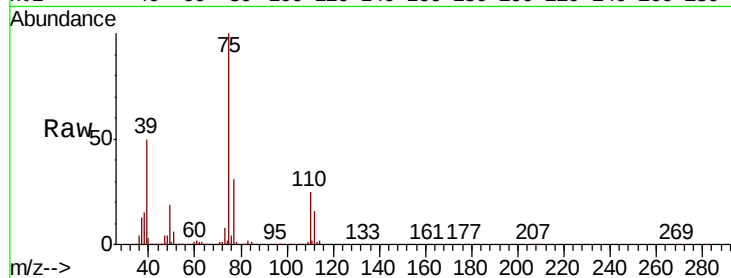




#53
 t-1,3-Dichloropropene
 Concen: 52.345 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VX015967.D
 Acq: 28 Apr 2020 17:17

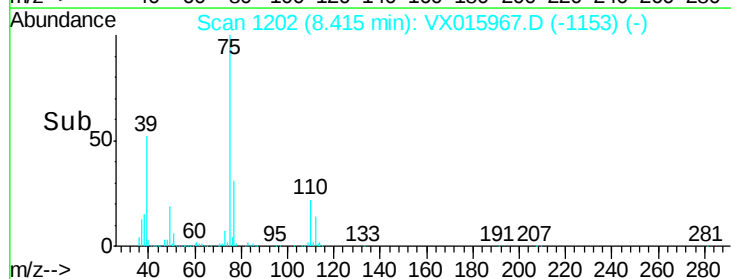
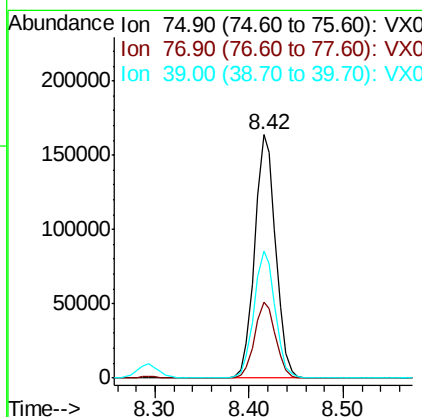
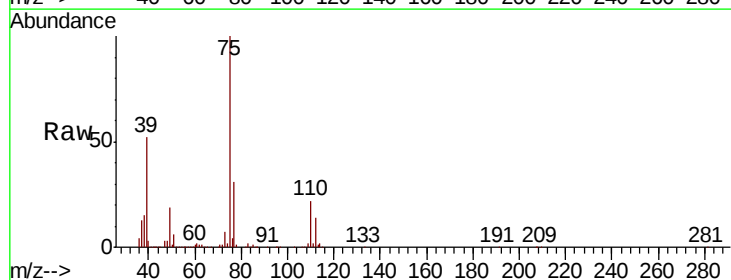
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042820

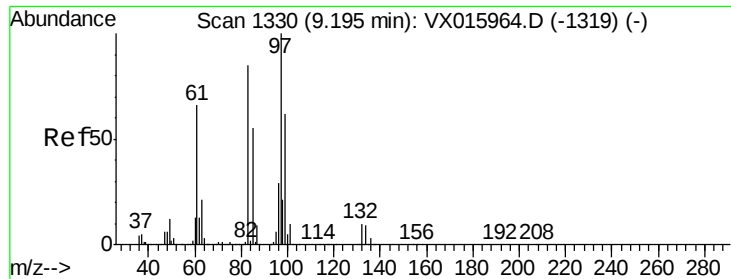
Tot Ion: 75 Resp: 251723
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 52.197 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX015967.D
 Acq: 28 Apr 2020 17:17

Tgt Ion: 75 Resp: 258161
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.0
 39 52.2 44.1 66.1

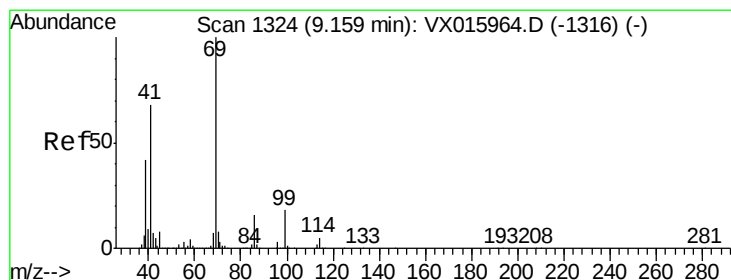
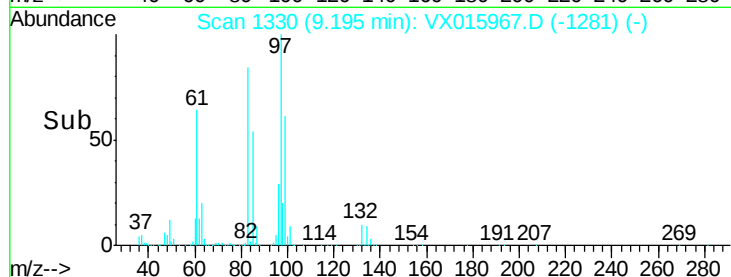
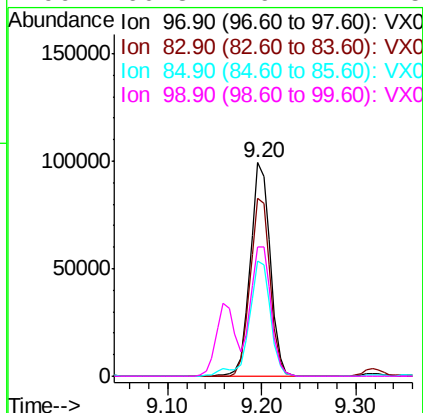
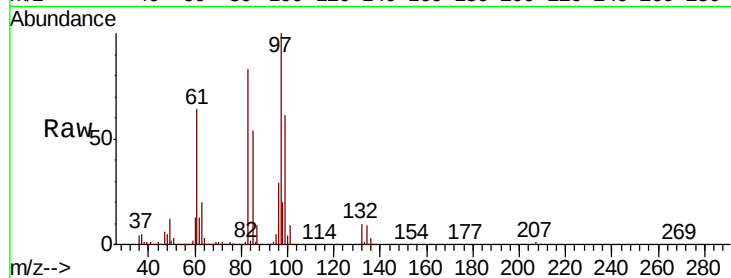




#55
 1,1,2-Trichloroethane
 Concen: 52.461 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX015967.D
 Acq: 28 Apr 2020 17:17

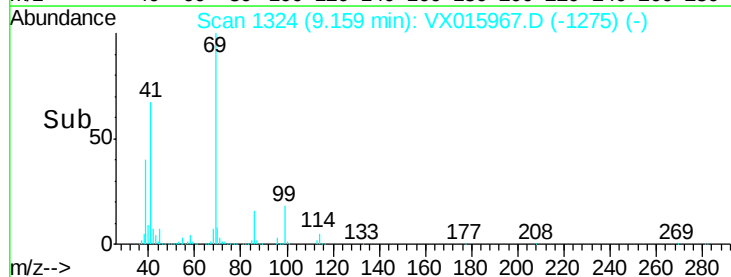
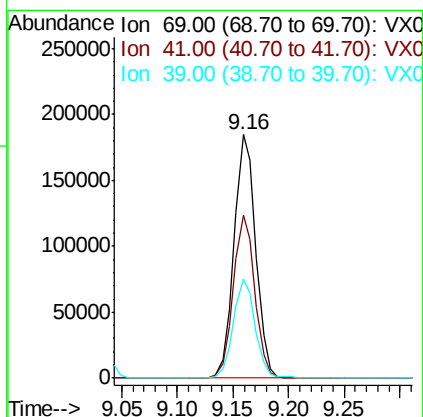
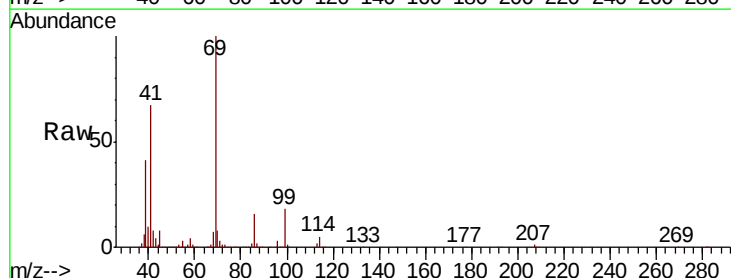
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042820

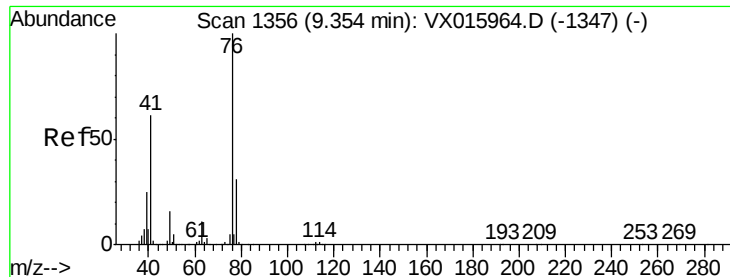
Tot Ion:	97	Resp:	147795
Ion	Ratio	Lower	Upper
97	100		
83	83.5	68.2	102.2
85	54.2	43.7	65.5
99	60.8	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 54.163 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX015967.D
 Acq: 28 Apr 2020 17:17

Tgt Ion:	69	Resp:	248115
Ion	Ratio	Lower	Upper
69	100		
41	66.3	53.5	80.3
39	41.1	33.4	50.0





#57

1,3-Dichloropropane

Concen: 52.541 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

Instrument :

MSVOA_X

ClientSampleId :

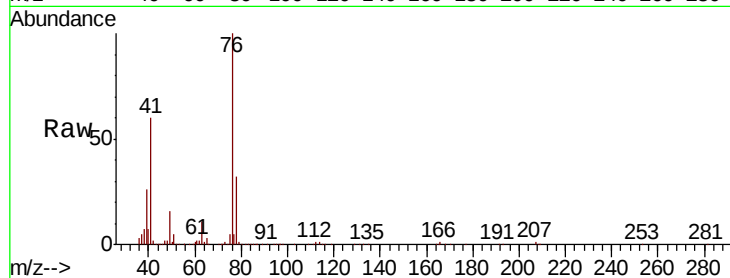
ICVVX042820

Tot Ion: 76 Resp: 254325

Ion Ratio Lower Upper

76 100

78 32.2 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

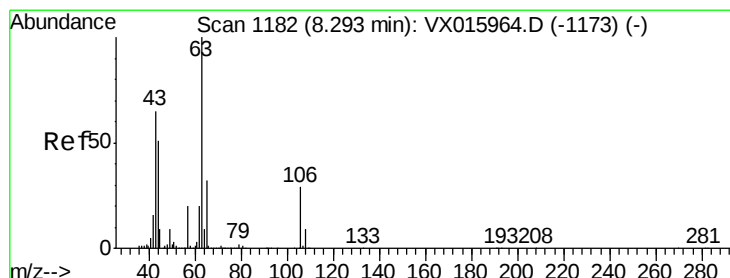
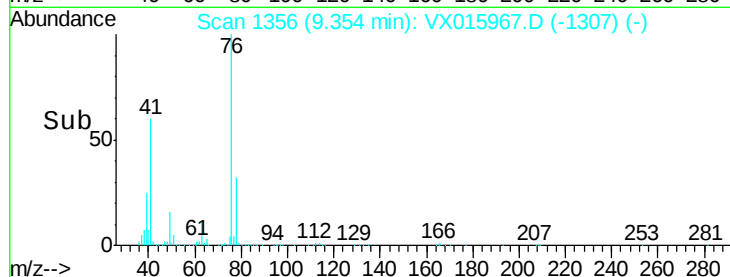
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 268.060 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX015967.D

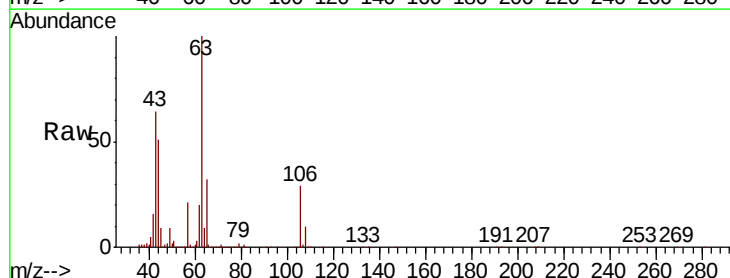
Acq: 28 Apr 2020 17:17

Tgt Ion: 63 Resp: 634561

Ion Ratio Lower Upper

63 100

106 29.6 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

500000

400000

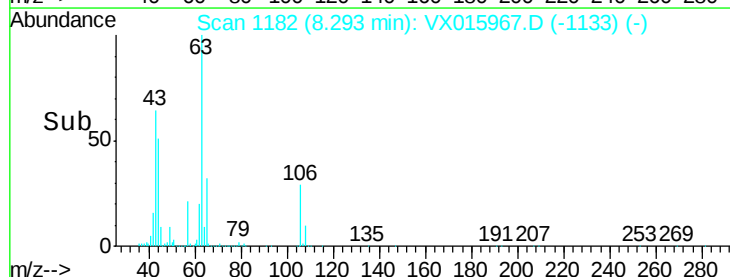
300000

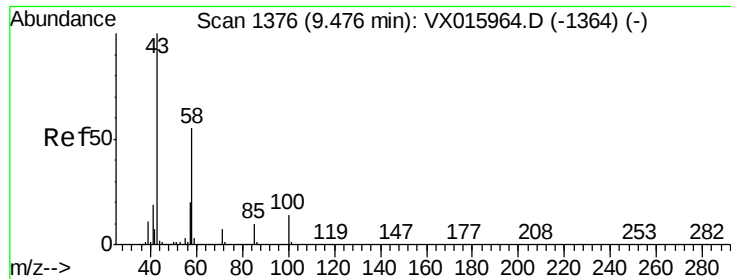
200000

100000

0

Time-->

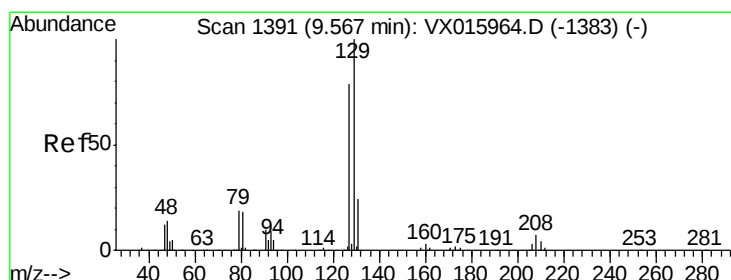
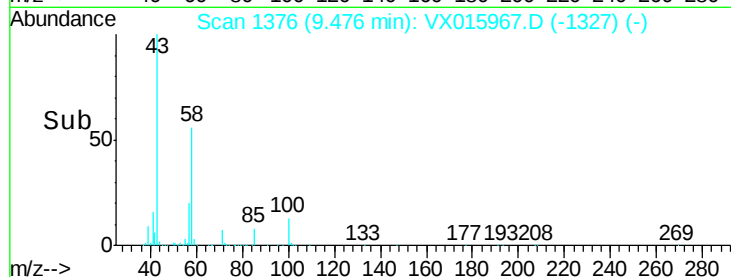
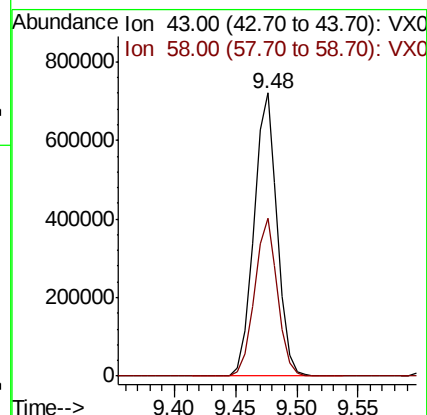
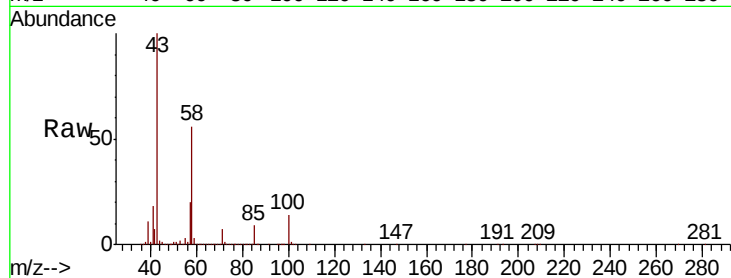




#59
2-Hexanone
Concen: 270.569 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX015967.D
Acq: 28 Apr 2020 17:17

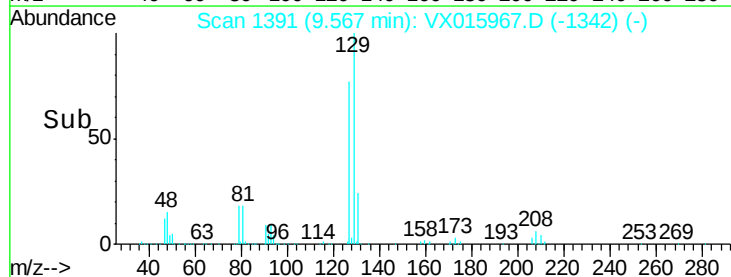
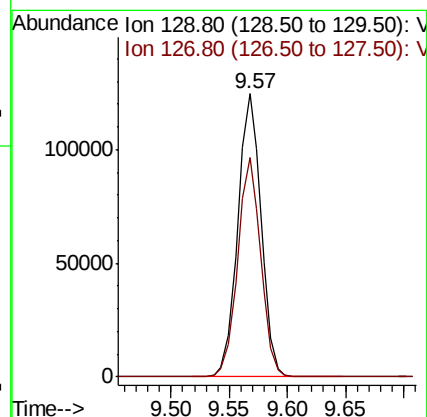
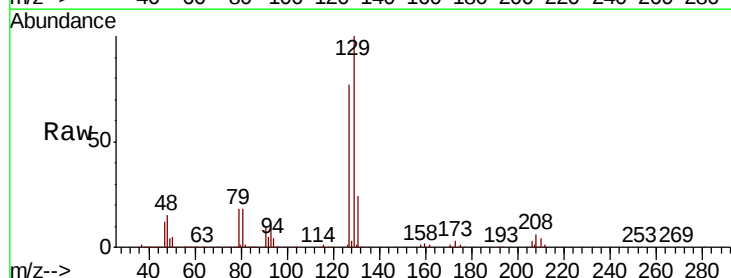
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042820

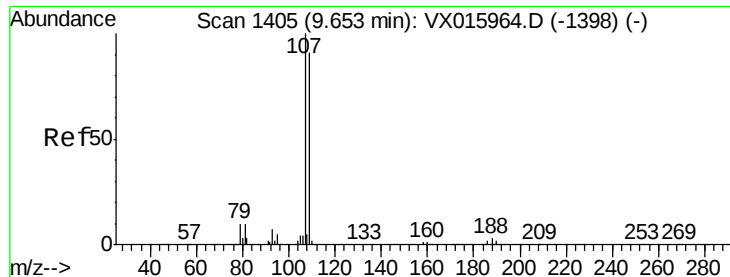
Tot Ion: 43 Resp: 947941
Ion Ratio Lower Upper
43 100
58 55.3 27.7 83.1



#60
Dibromochloromethane
Concen: 55.073 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX015967.D
Acq: 28 Apr 2020 17:17

Tgt Ion: 129 Resp: 173656
Ion Ratio Lower Upper
129 100
127 76.4 39.4 118.1





#61

1,2-Dibromoethane

Concen: 53.158 ug/l

RT: 9.66 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

Instrument :

MSVOA_X

ClientSampleId :

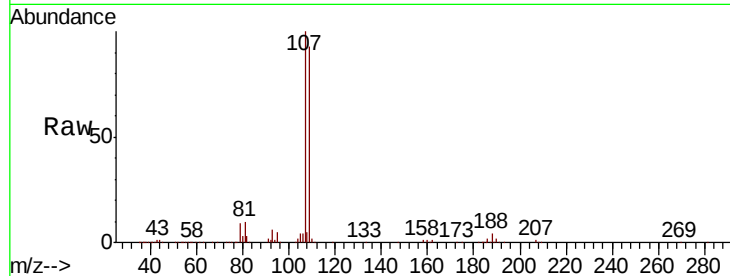
ICVVX042820

Tot Ion:107 Resp: 162395

Ion Ratio Lower Upper

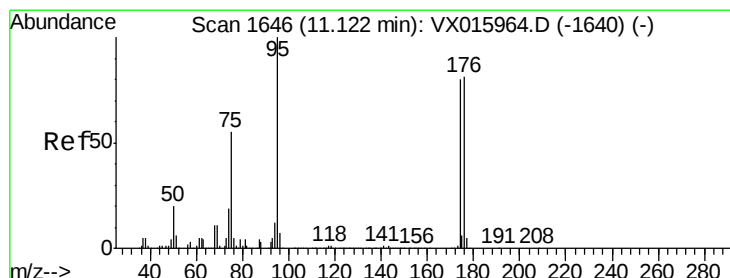
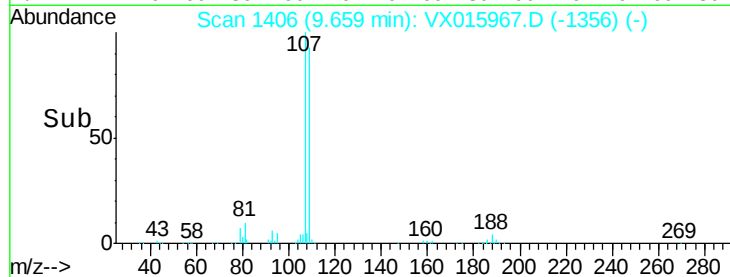
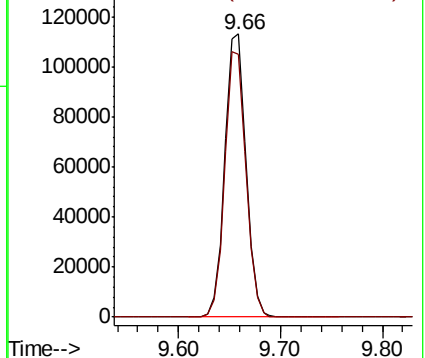
107 100

109 93.8 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.958 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

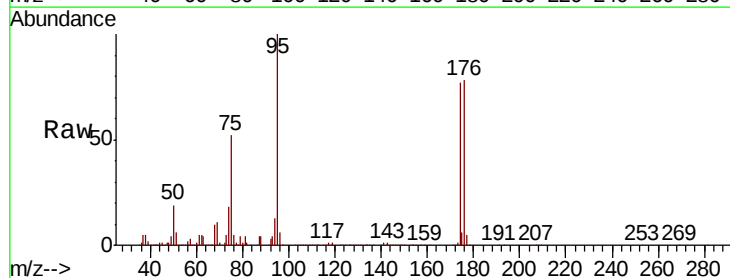
Tgt Ion: 95 Resp: 194241

Ion Ratio Lower Upper

95 100

174 82.4 0.0 165.0

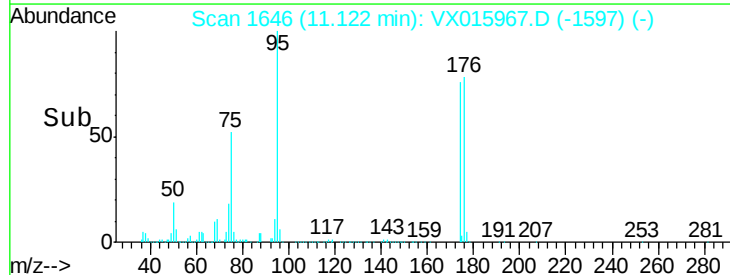
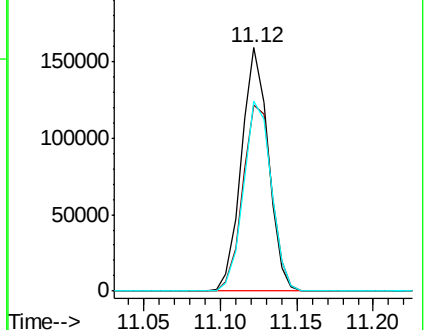
176 80.6 0.0 163.2

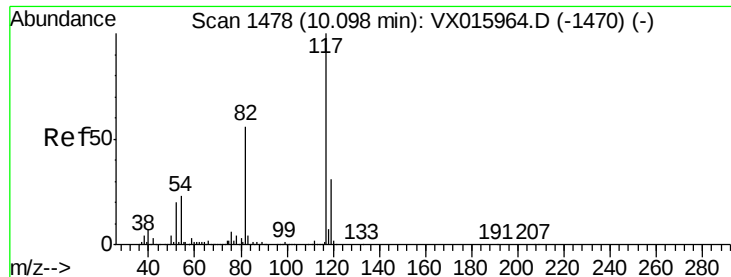


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

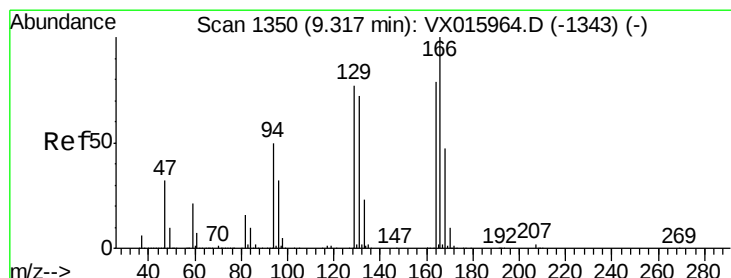
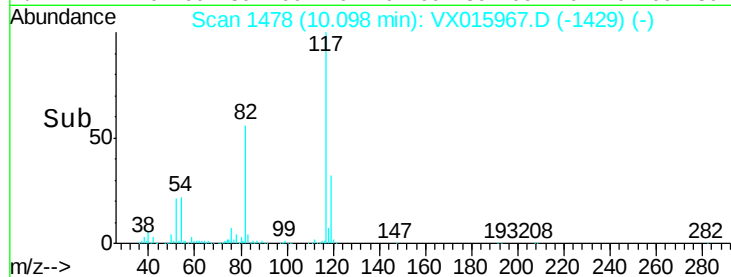
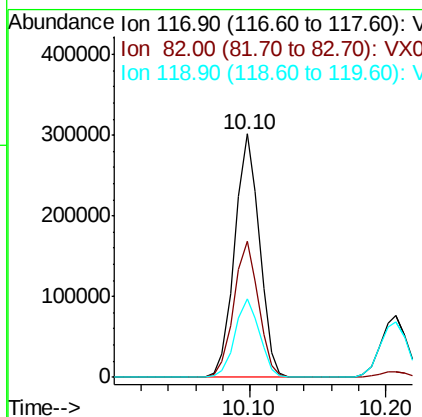
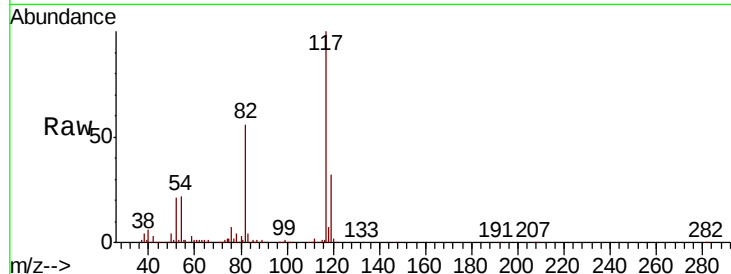




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015967.D
Acq: 28 Apr 2020 17:17

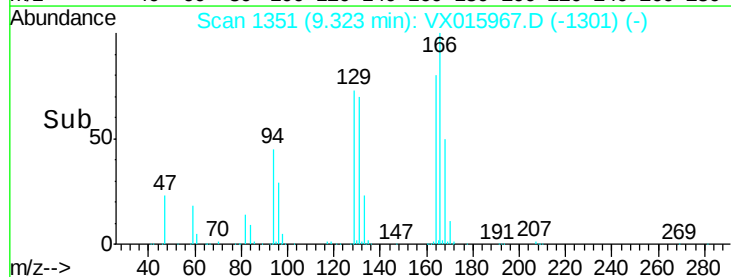
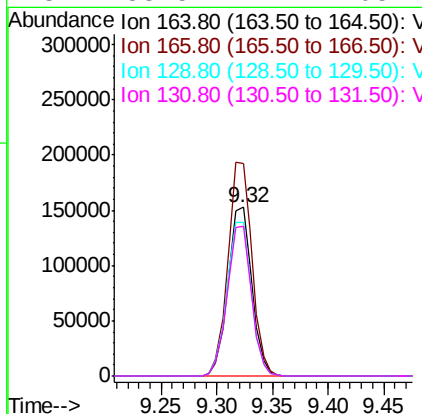
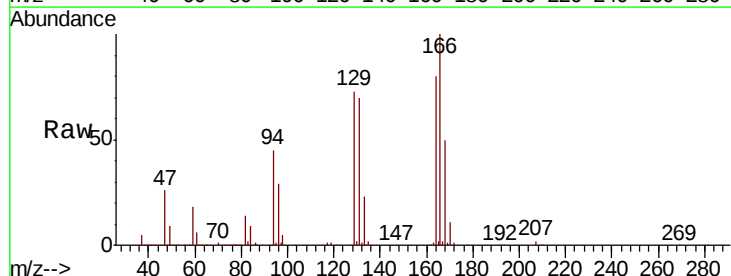
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042820

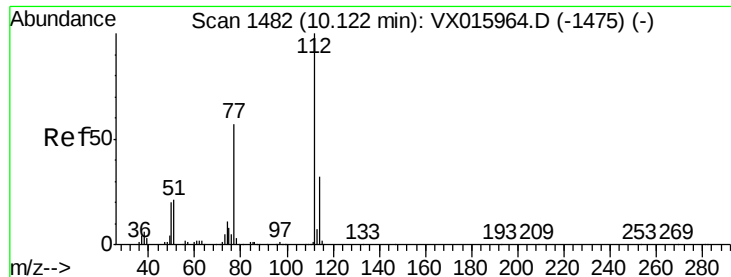
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.5	66.7
119	32.2	25.0	37.6



#64
Tetrachloroethene
Concen: 50.104 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX015967.D
Acq: 28 Apr 2020 17:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.6	101.0	151.4
129	91.4	77.4	116.0
131	88.5	72.2	108.2

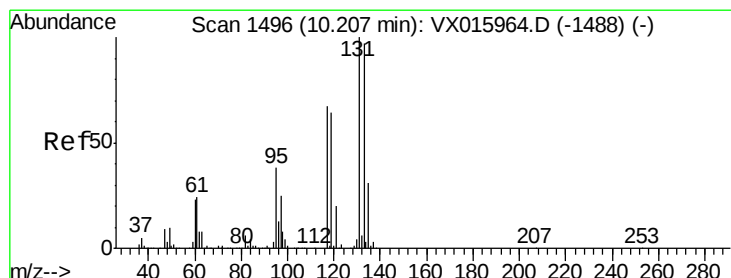
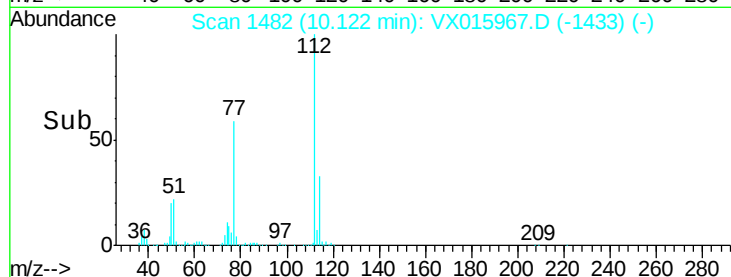
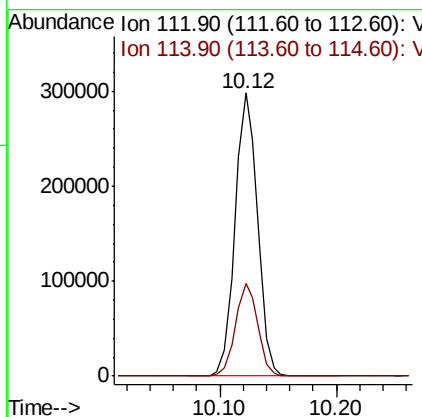
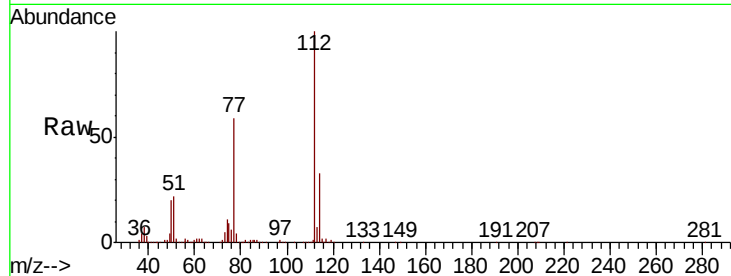




#65
Chlorobenzene
Concen: 51.473 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX015967.D
Acq: 28 Apr 2020 17:17

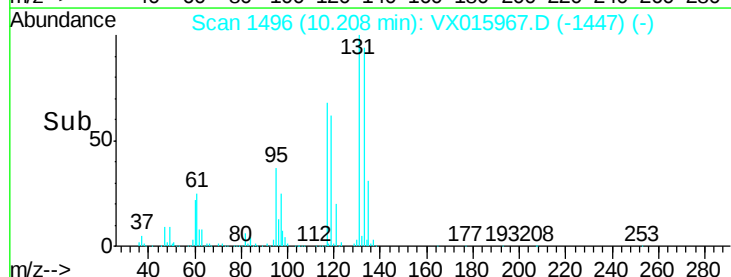
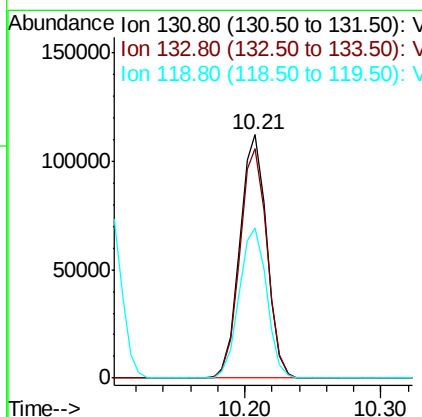
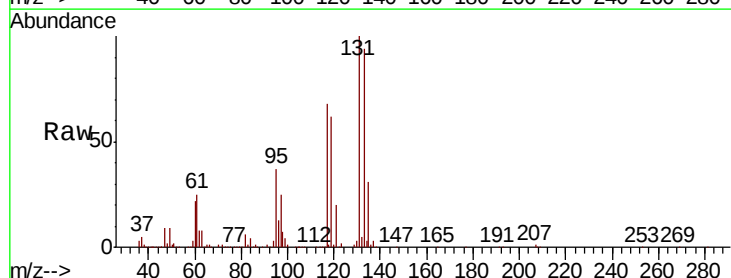
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042820

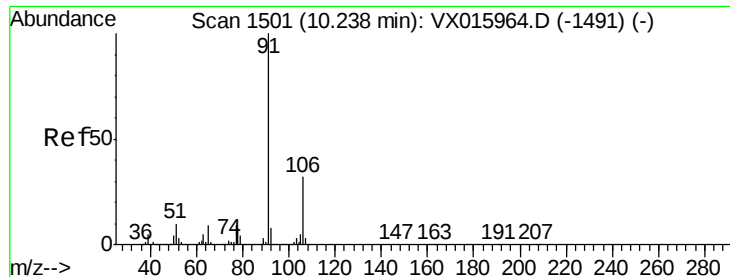
Tot Ion:112 Resp: 399706
Ion Ratio Lower Upper
112 100
114 32.8 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.591 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX015967.D
Acq: 28 Apr 2020 17:17

Tgt Ion:131 Resp: 154352
Ion Ratio Lower Upper
131 100
133 95.5 48.3 144.8
119 62.9 31.6 94.8





#67

Ethyl Benzene

Concen: 52.281 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

Instrument :

MSVOA_X

ClientSampleId :

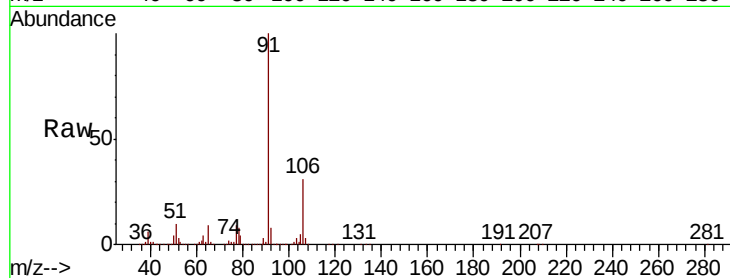
ICVVX042820

Tot Ion: 91 Resp: 723004

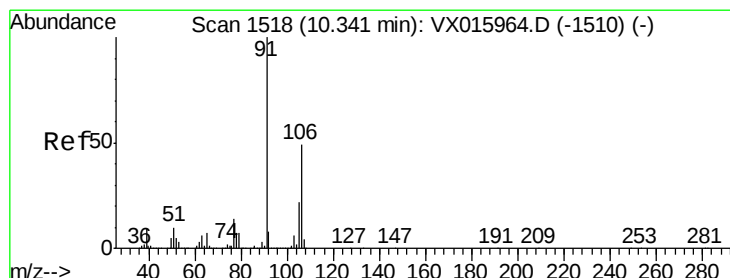
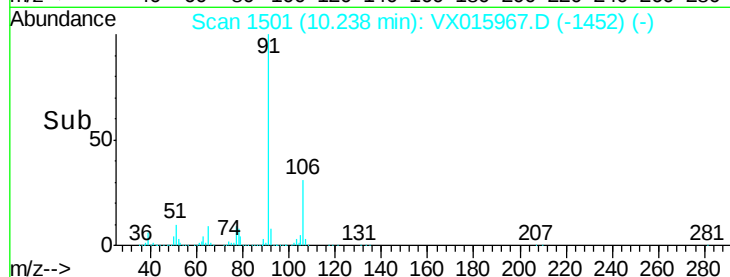
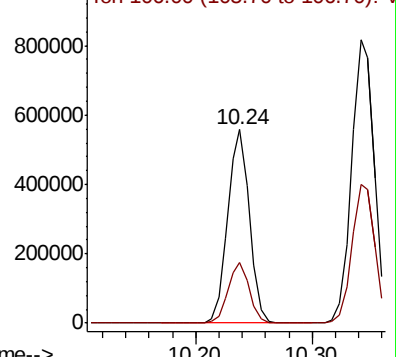
Ion Ratio Lower Upper

91 100

106 31.1 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VX015967.D (-1452) (-)



#68

m/p-Xylenes

Concen: 103.676 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX015967.D

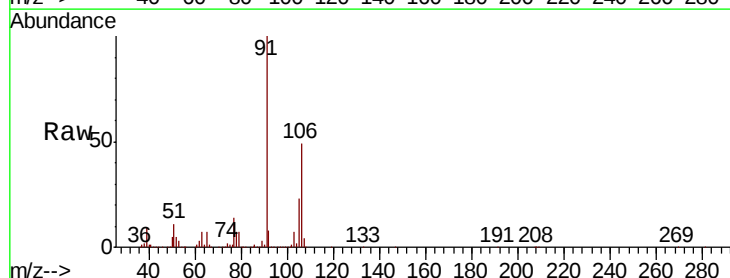
Acq: 28 Apr 2020 17:17

Tgt Ion: 106 Resp: 544042

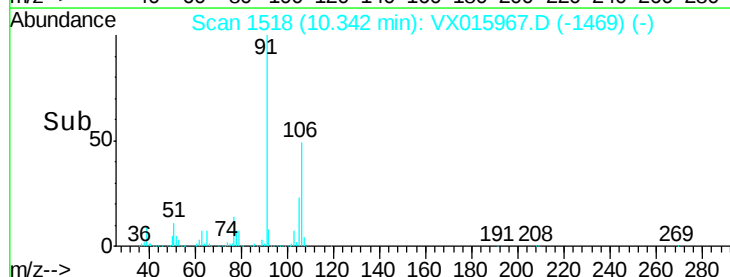
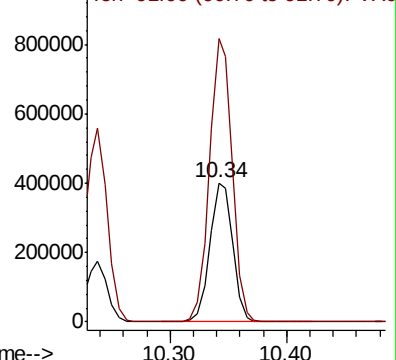
Ion Ratio Lower Upper

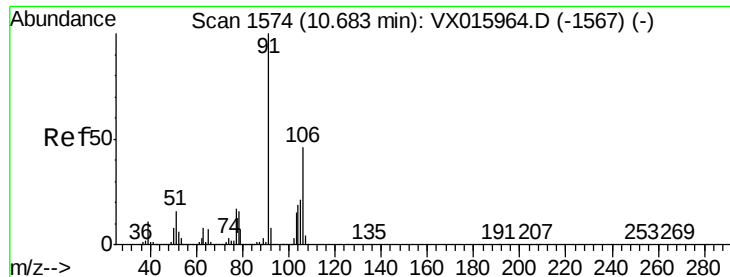
106 100

91 202.9 161.6 242.4



Abundance Ion 106.00 (105.70 to 106.70): VX015967.D (-1469) (-)

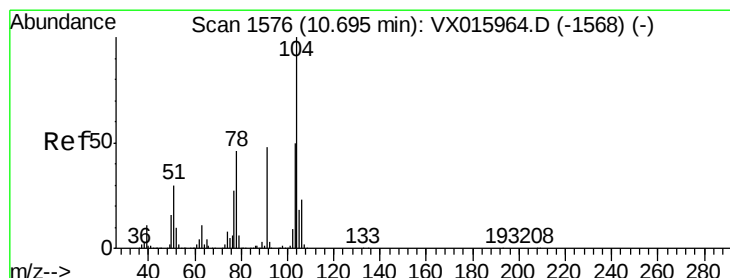
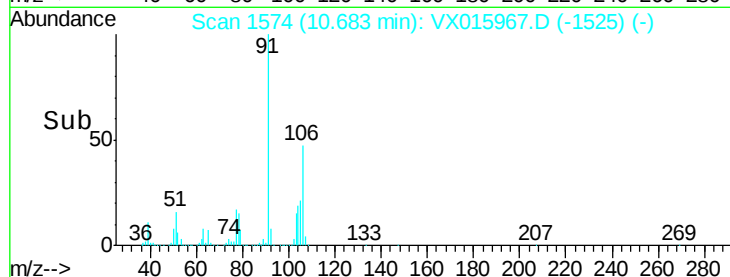
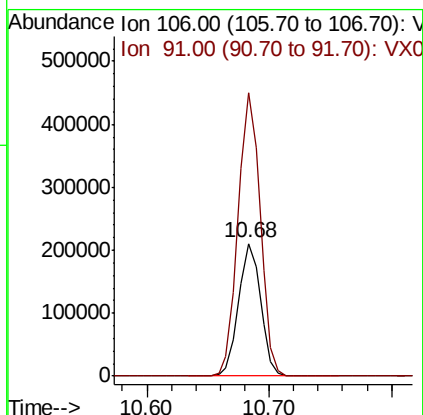
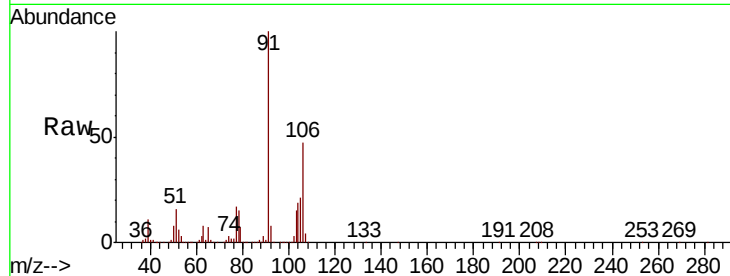




#69
o-Xylene
Concen: 52.619 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX015967.D
Acq: 28 Apr 2020 17:17

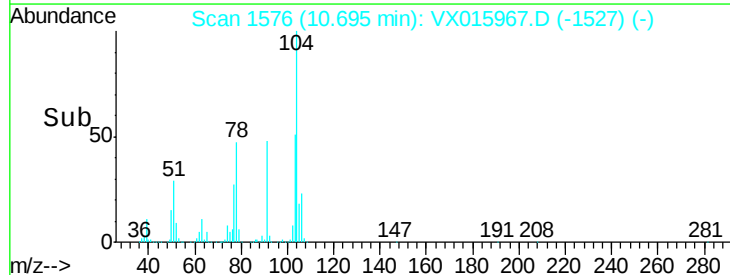
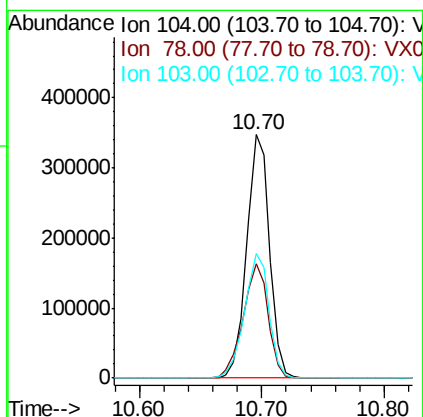
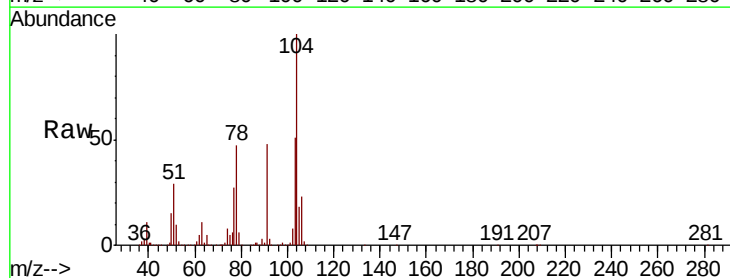
Instrument :
MSVOA_X
ClientSampled :
ICVVX042820

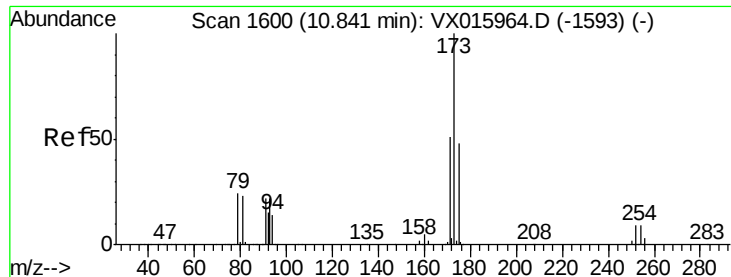
Tot Ion:106 Resp: 262154
Ion Ratio Lower Upper
106 100
91 214.2 106.1 318.3



#70
Styrene
Concen: 52.742 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX015967.D
Acq: 28 Apr 2020 17:17

Tgt Ion:104 Resp: 450876
Ion Ratio Lower Upper
104 100
78 51.2 41.0 61.4
103 55.0 43.4 65.2





#71

Bromoform

Concen: 48.622 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042820

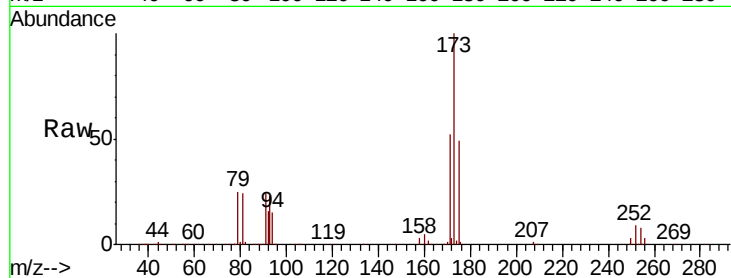
Tot Ion:173 Resp: 129725

Ion Ratio Lower Upper

173 100

175 48.9 24.1 72.4

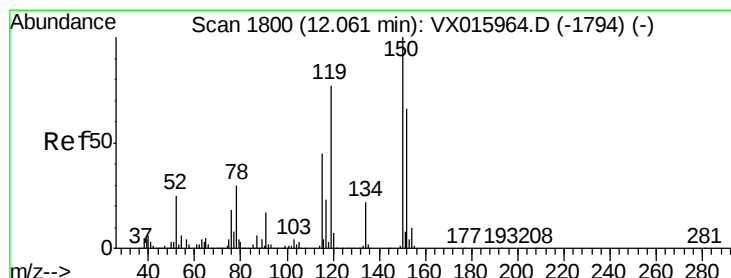
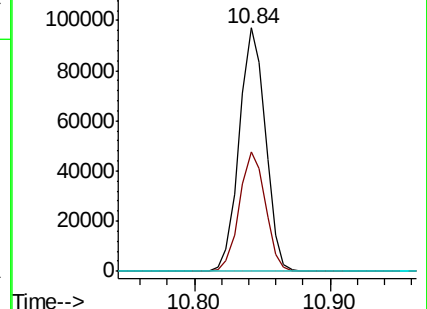
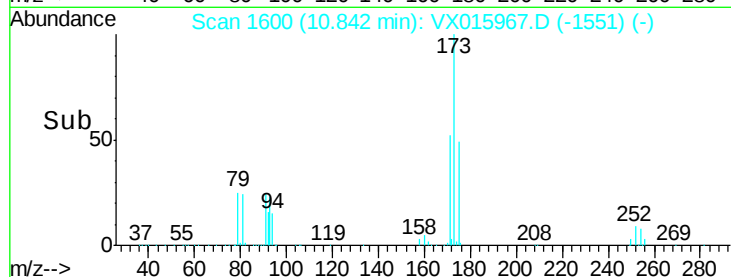
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

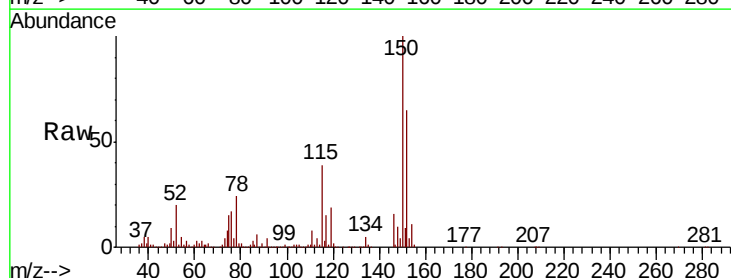
Tgt Ion:152 Resp: 193971

Ion Ratio Lower Upper

152 100

115 85.6 40.9 122.7

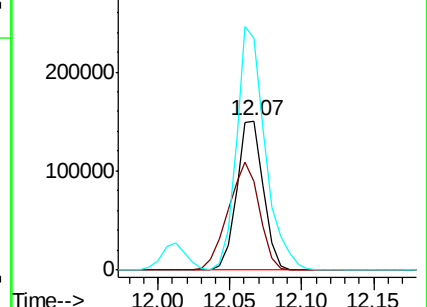
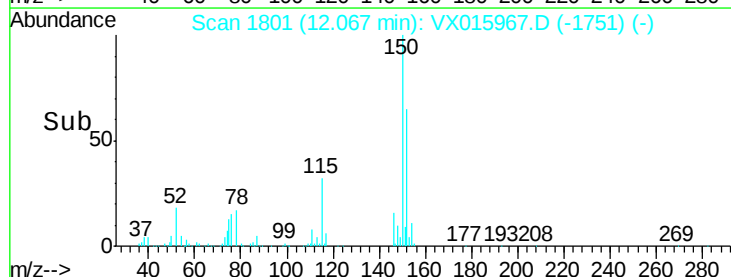
150 174.9 0.0 342.4

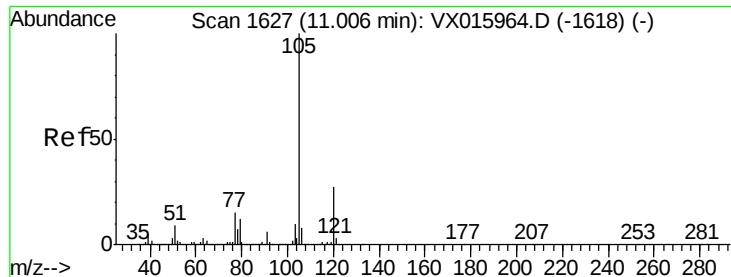


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.713 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

Instrument :

MSVOA_X

ClientSampleId :

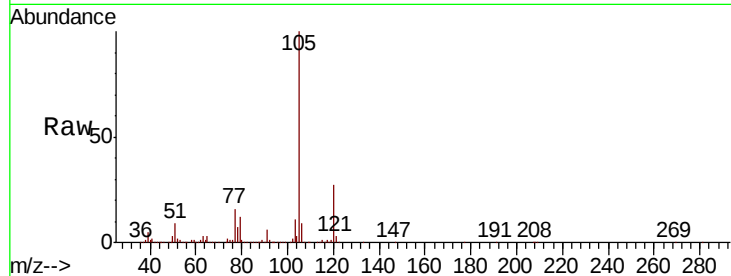
ICVVX042820

Tot Ion:105 Resp: 708765

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

600000

500000

400000

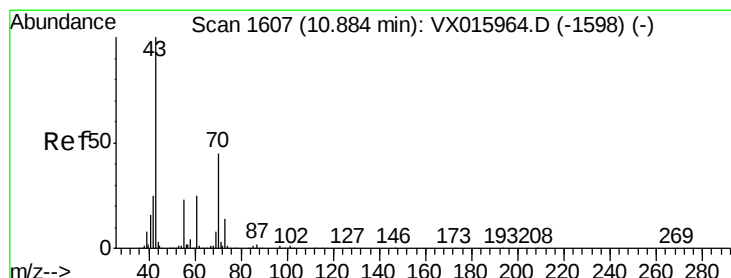
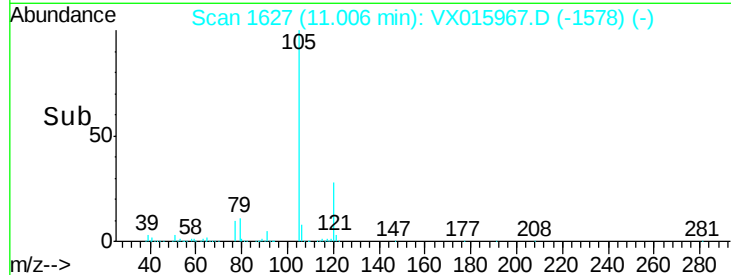
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 54.008 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

Tgt Ion: 43 Resp: 343708

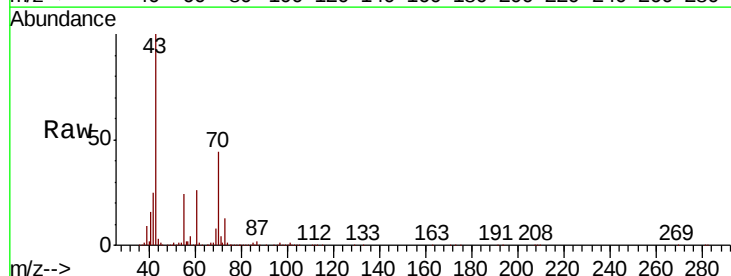
Ion Ratio Lower Upper

43 100

70 43.2 34.5 51.7

55 23.6 18.6 28.0

61 24.6 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

10.88

400000

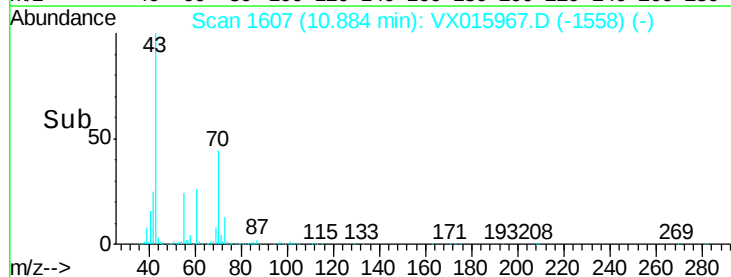
300000

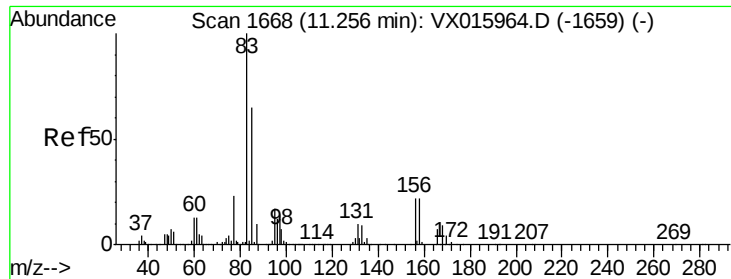
200000

100000

0

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 51.431 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042820

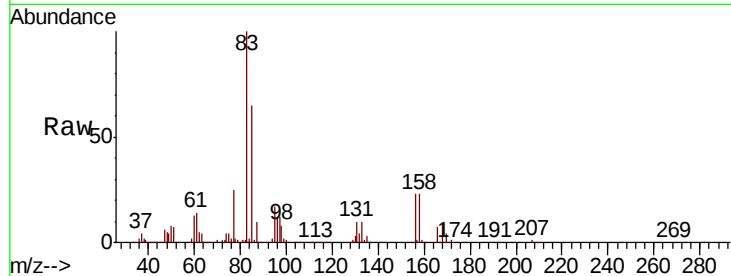
Tot Ion: 83 Resp: 157884

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.4

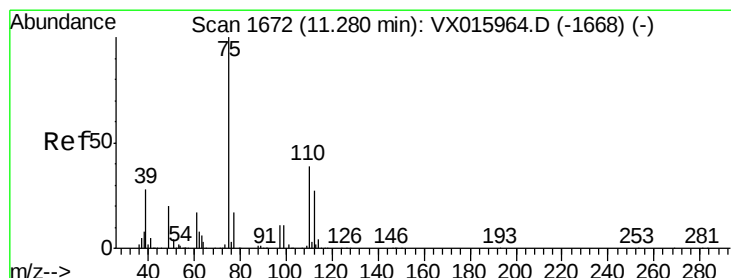
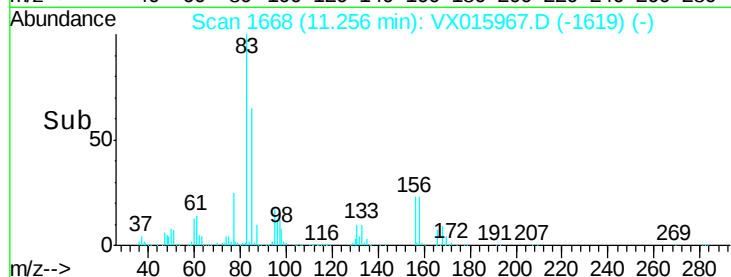
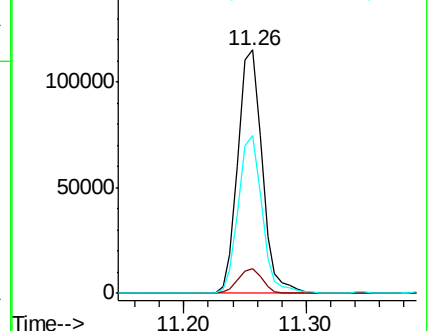
85 63.7 32.2 96.6



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: 73.520 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX015967.D

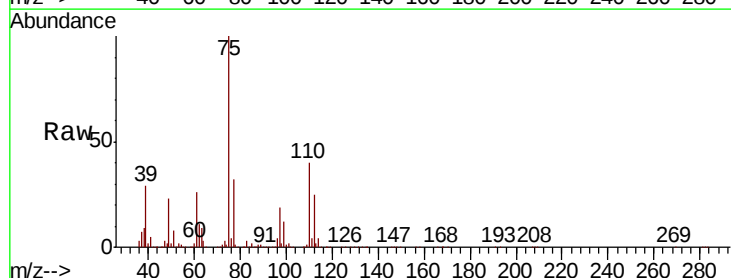
Acq: 28 Apr 2020 17:17

Tgt Ion: 75 Resp: 299240

Ion Ratio Lower Upper

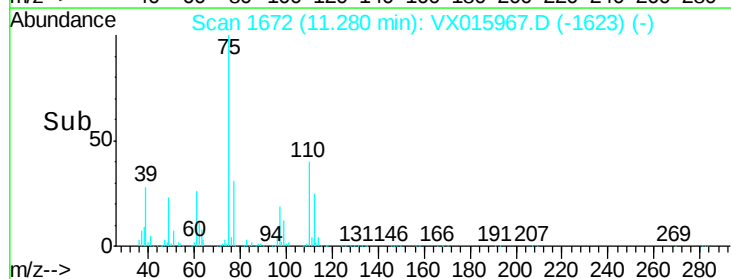
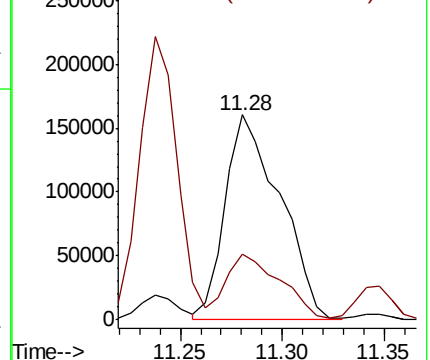
75 100

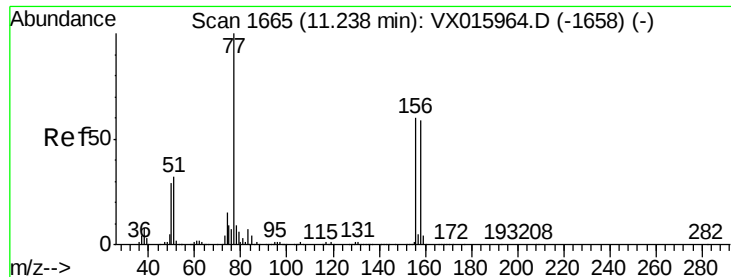
77 31.8 21.6 65.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 53.924 ug/l

RT: 11.24 min Scan# 1666

Delta R.T. 0.01 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042820

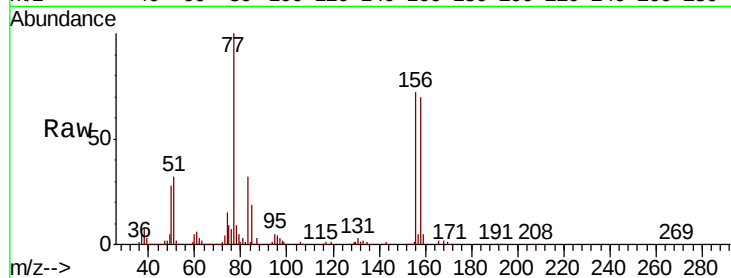
Tot Ion:156 Resp: 183160

Ion Ratio Lower Upper

156 100

77 154.9 78.3 234.8

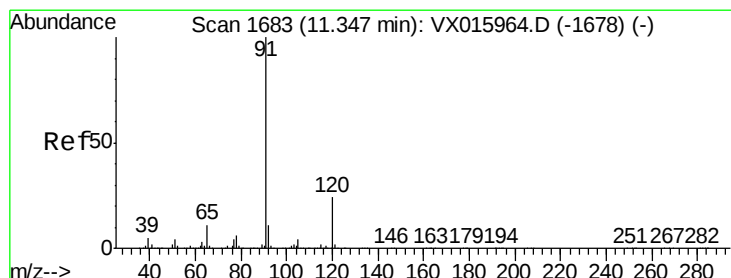
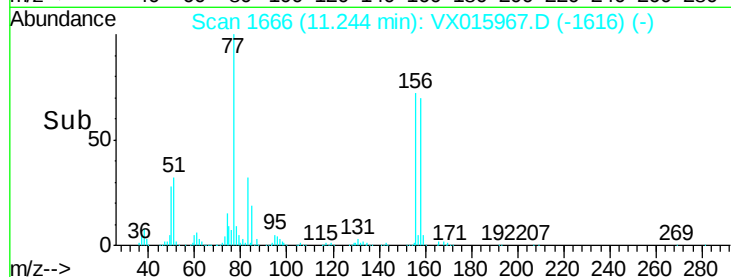
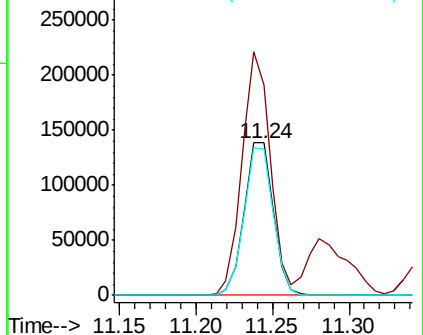
158 97.1 48.5 145.5



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: 54.191 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VX015967.D

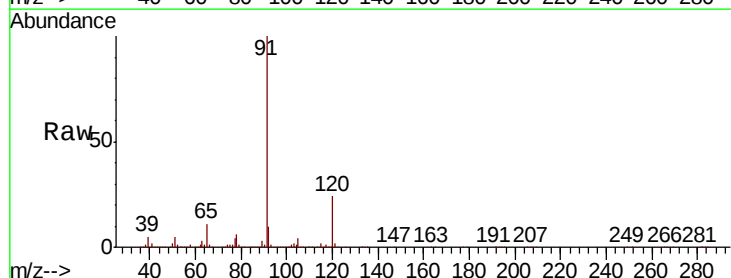
Acq: 28 Apr 2020 17:17

Tgt Ion: 91 Resp: 822595

Ion Ratio Lower Upper

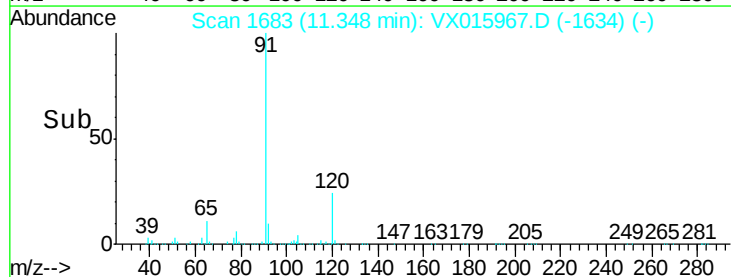
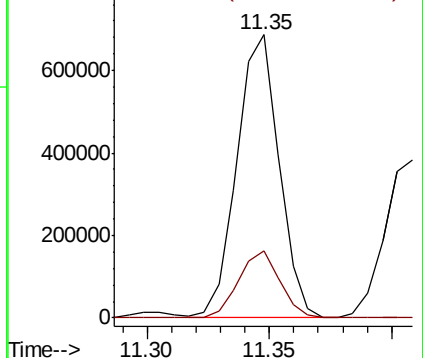
91 100

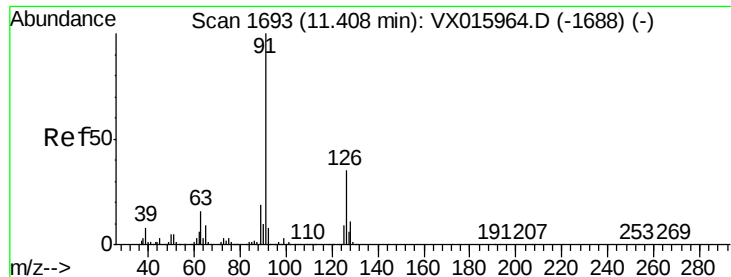
120 23.2 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

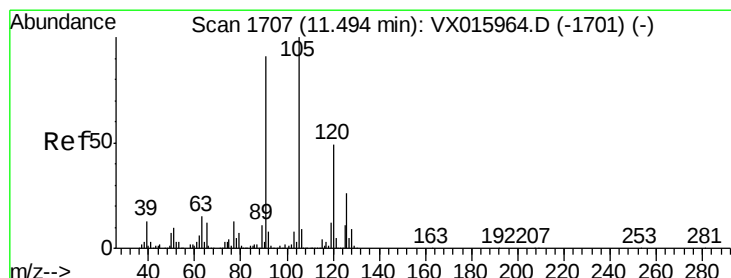
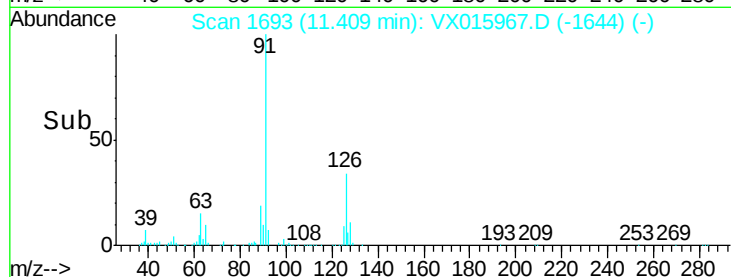
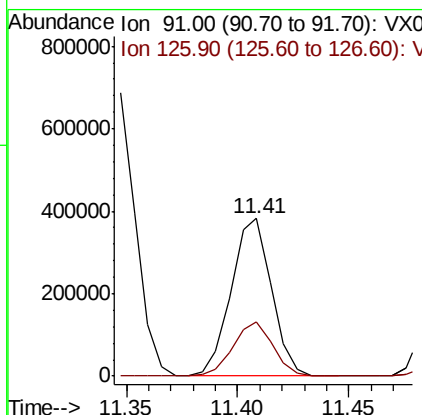
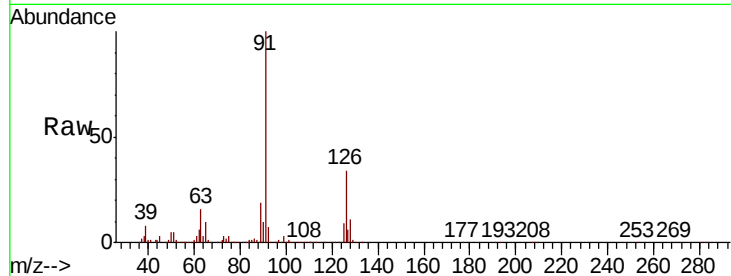




#79
 2-Chlorotoluene
 Concen: 53.314 ug/l
 RT: 11.41 min Scan# 1693
 Delta R.T. 0.00 min
 Lab File: VX015967.D
 Acq: 28 Apr 2020 17:17

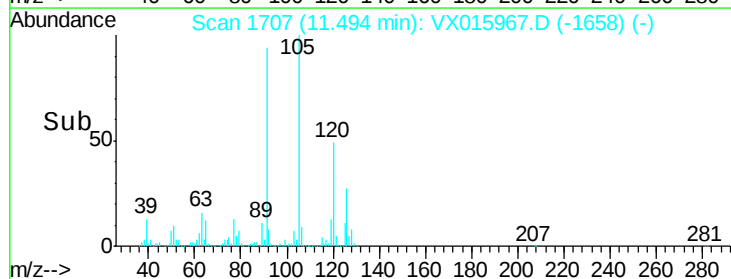
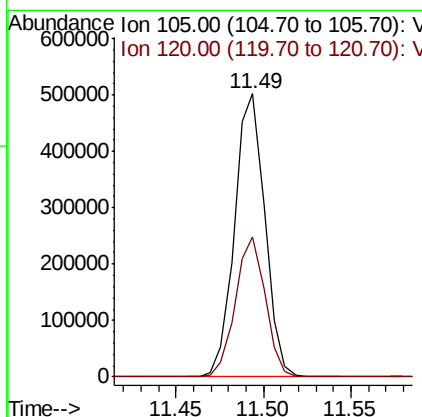
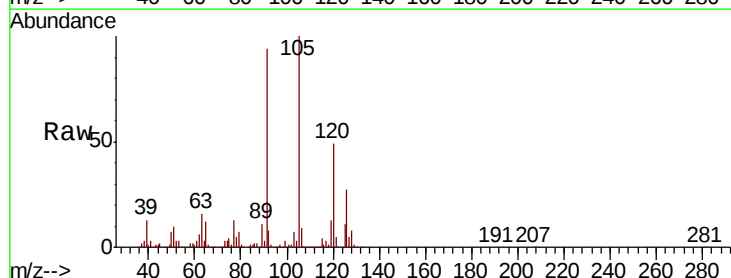
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042820

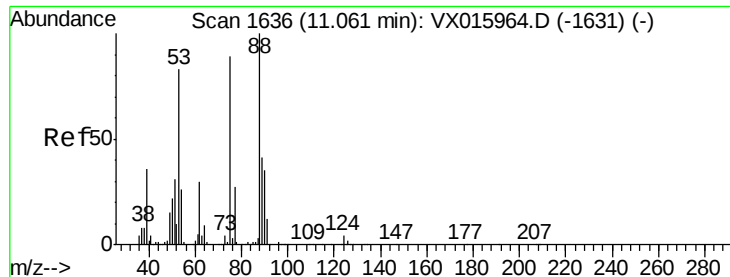
Tot Ion: 91 Resp: 482180
 Ion Ratio Lower Upper
 91 100
 126 33.9 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 54.230 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX015967.D
 Acq: 28 Apr 2020 17:17

Tgt Ion: 105 Resp: 602797
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 54.036 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

Instrument :

MSVOA_X

ClientSampled :

ICVVX042820

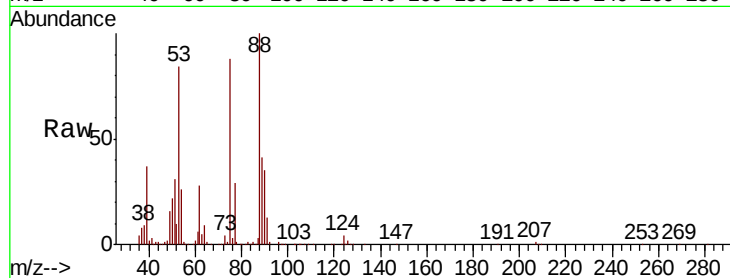
Tot Ion: 75 Resp: 93069

Ion Ratio Lower Upper

75 100

53 96.9 78.3 117.5

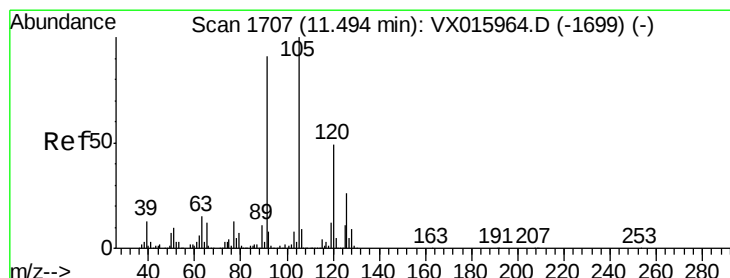
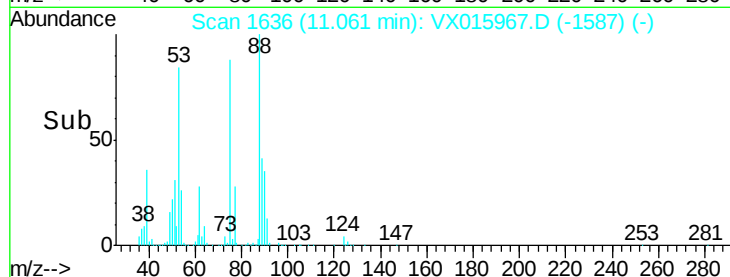
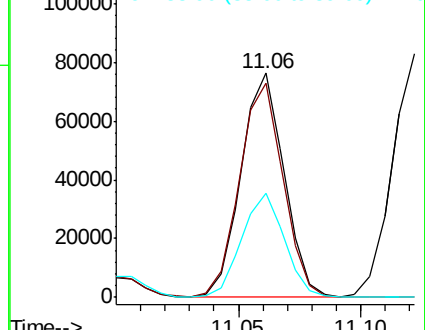
89 46.3 37.2 55.8



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: 53.591 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015967.D

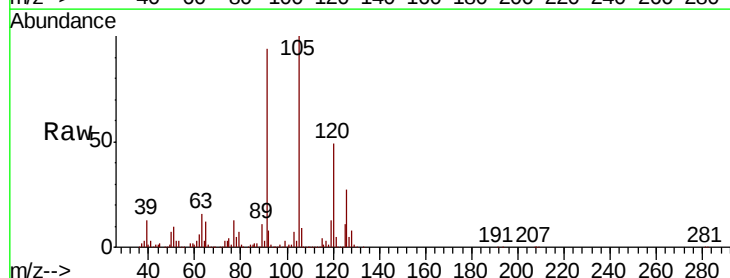
Acq: 28 Apr 2020 17:17

Tgt Ion: 91 Resp: 579694

Ion Ratio Lower Upper

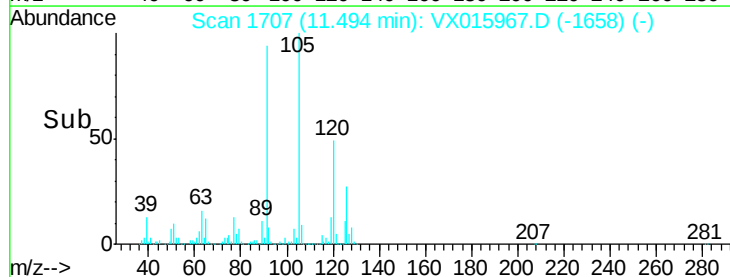
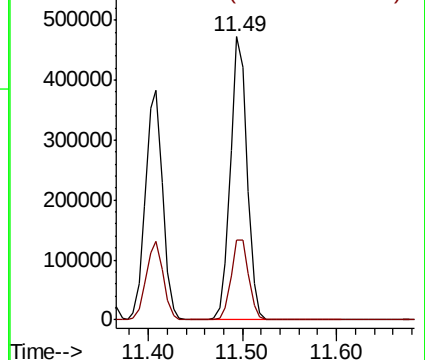
91 100

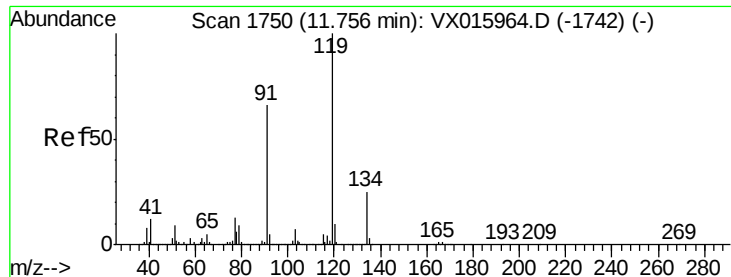
126 29.8 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 54.713 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042820

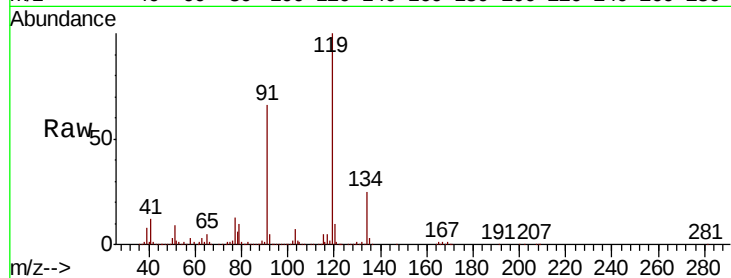
Tot Ion:119 Resp: 524379

Ion Ratio Lower Upper

119 100

91 66.4 33.5 100.4

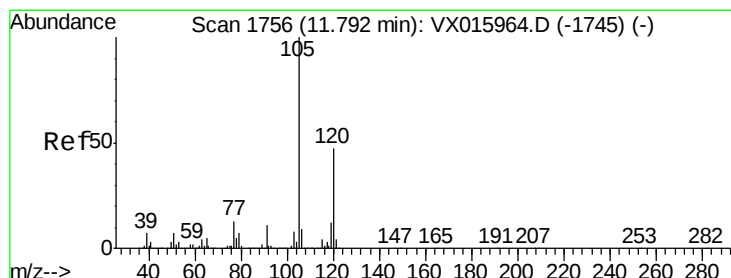
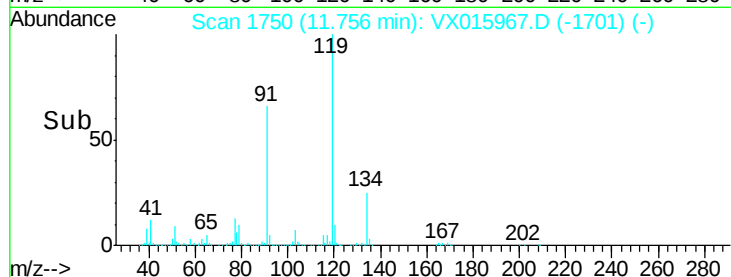
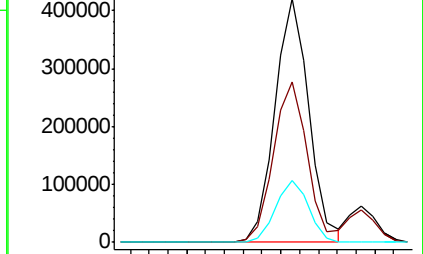
134 24.9 12.4 37.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 54.259 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX015967.D

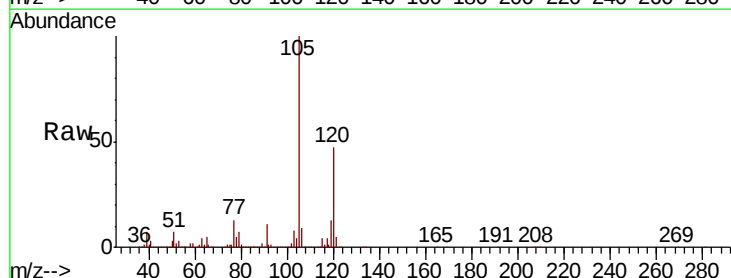
Acq: 28 Apr 2020 17:17

Tgt Ion:105 Resp: 606996

Ion Ratio Lower Upper

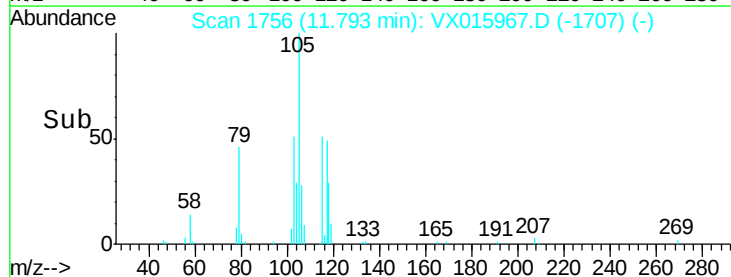
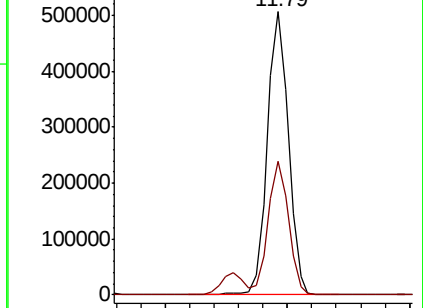
105 100

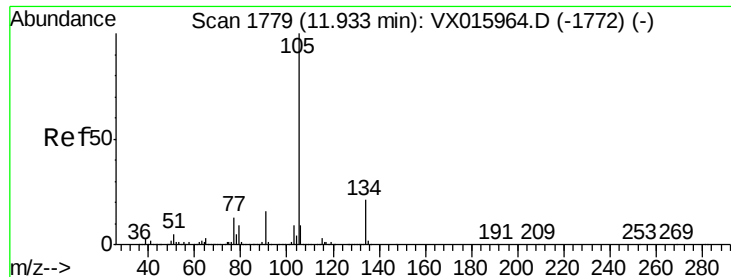
120 46.1 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

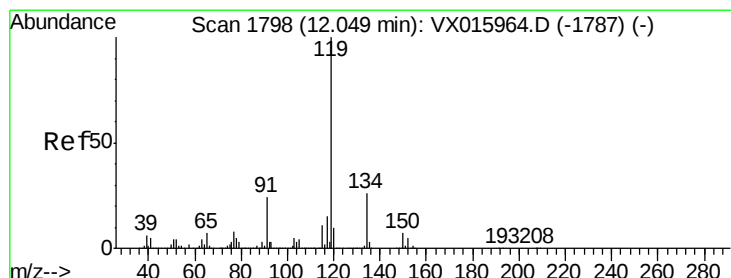
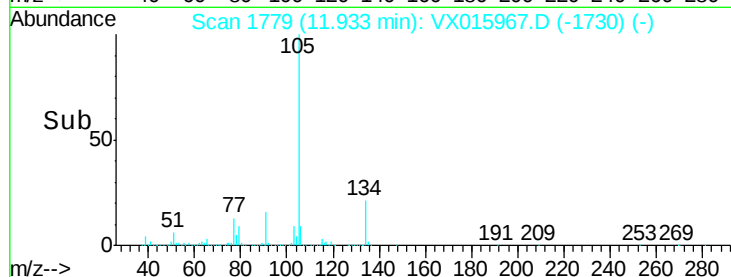
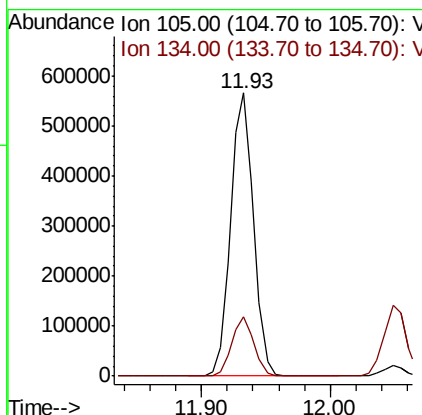
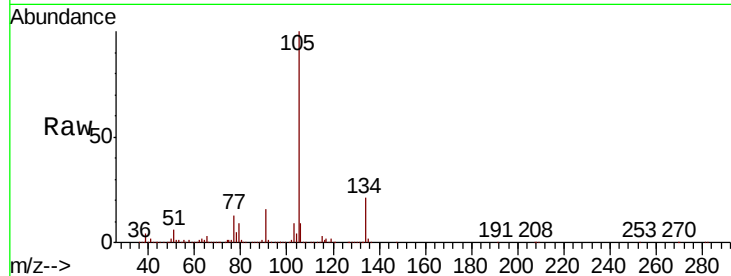




#85
 sec-Butylbenzene
 Concen: 54.214 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX015967.D
 Acq: 28 Apr 2020 17:17

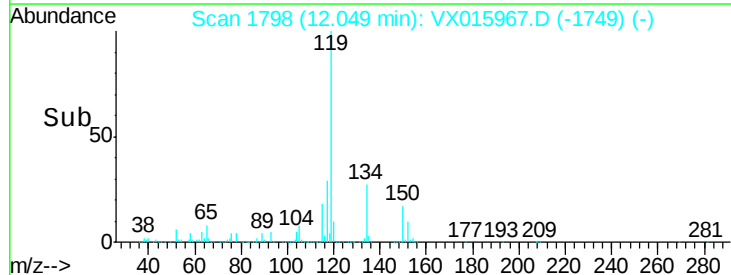
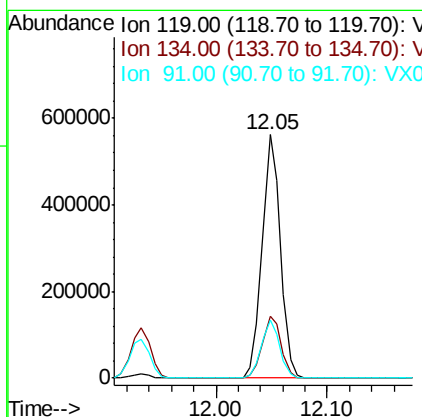
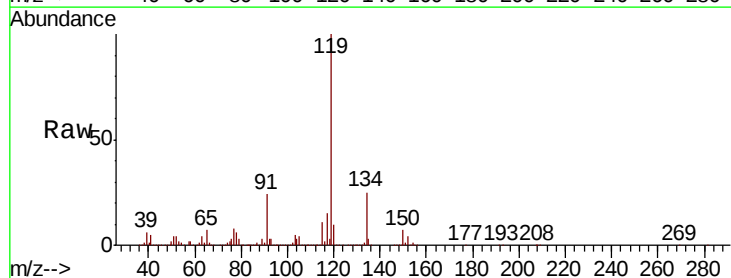
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042820

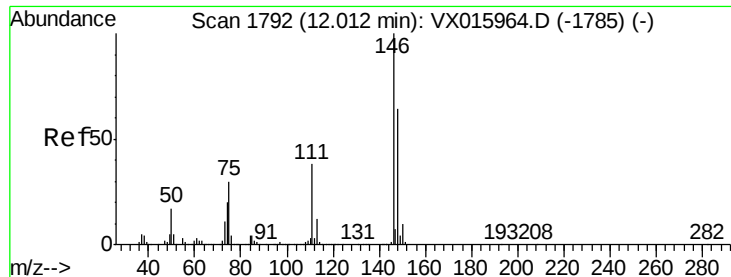
Tot Ion:105 Resp: 700047
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 54.029 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX015967.D
 Acq: 28 Apr 2020 17:17

Tgt Ion:119 Resp: 653479
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 23.7 11.9 35.9

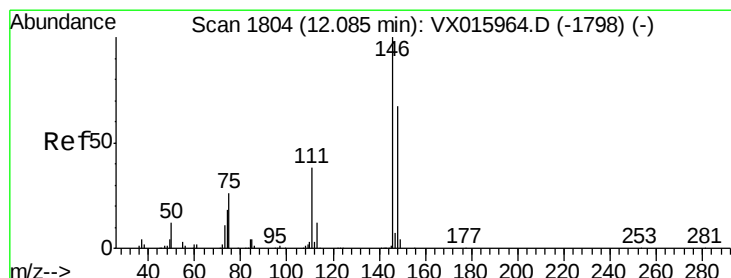
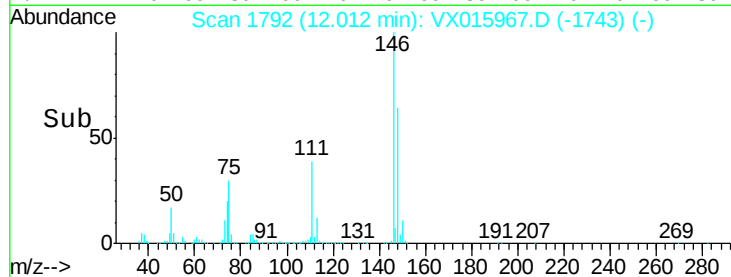
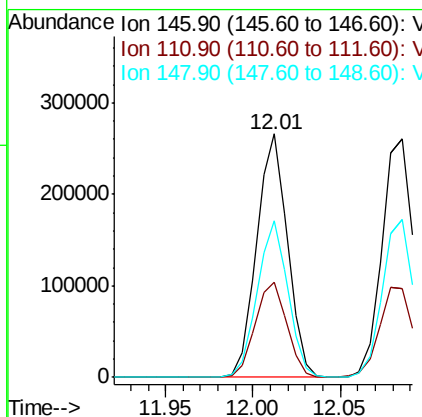
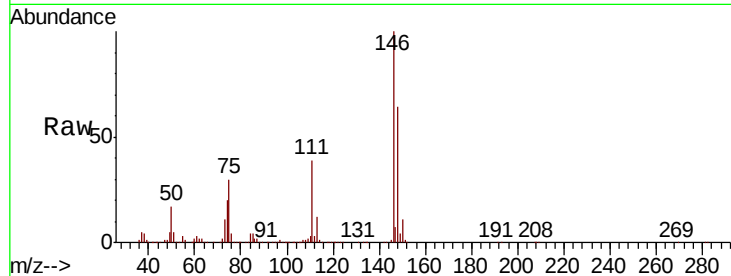




#87
 1,3-Dichlorobenzene
 Concen: 52.546 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX015967.D
 Acq: 28 Apr 2020 17:17

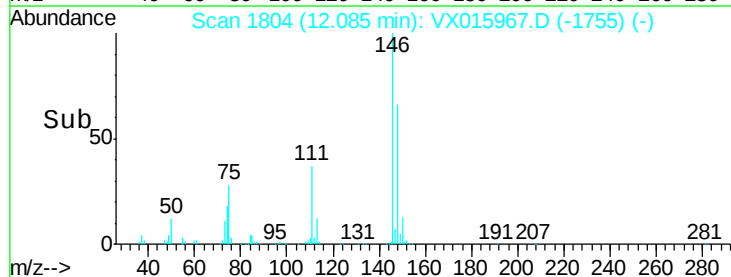
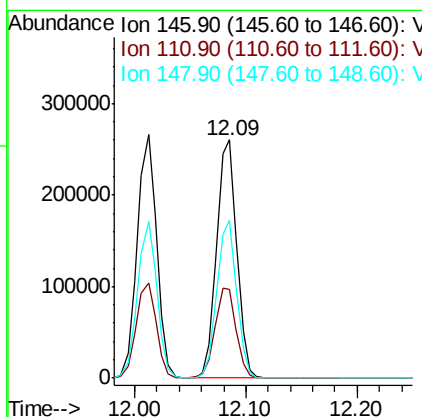
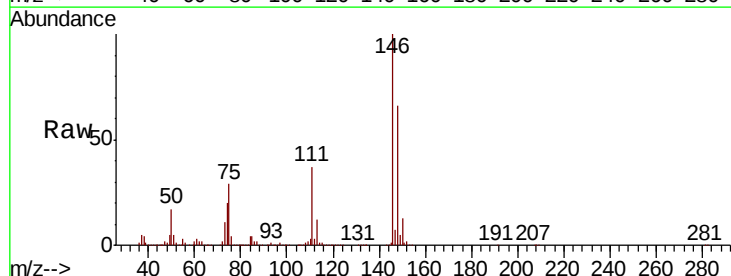
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042820

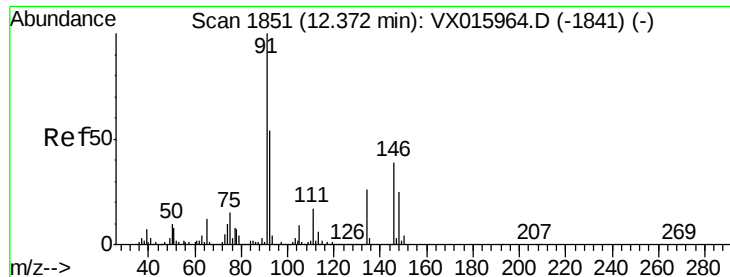
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.6	58.8
148	63.9	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 52.216 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VX015967.D
 Acq: 28 Apr 2020 17:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.7	59.0
148	64.8	32.8	98.4





#89

n-Butylbenzene

Concen: 54.486 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042820

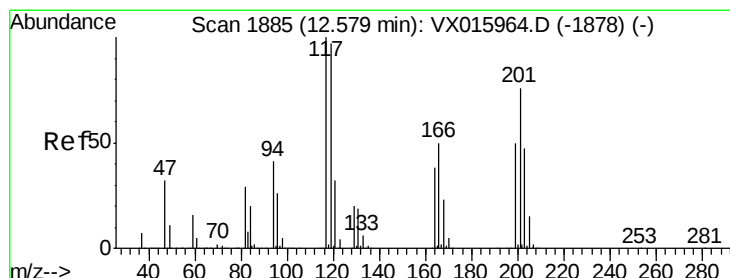
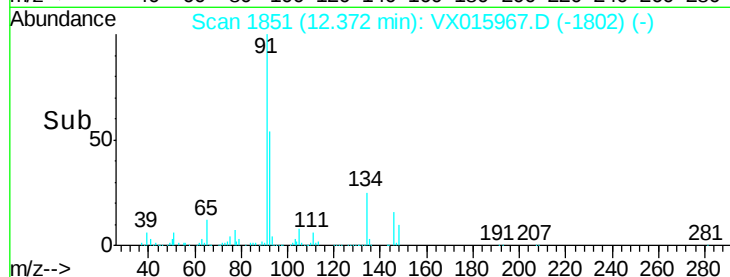
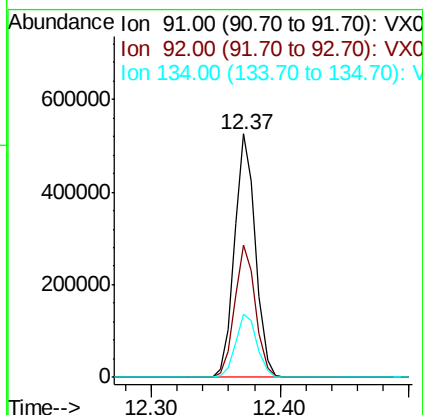
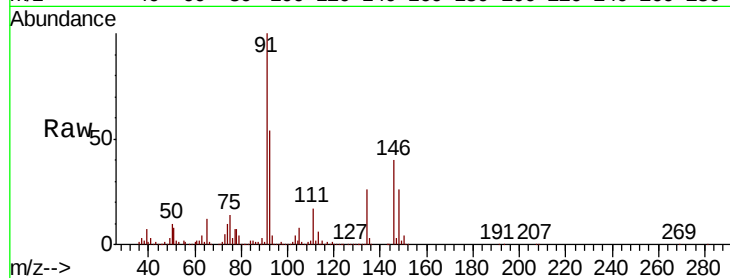
Tot Ion: 91 Resp: 595449

Ion Ratio Lower Upper

91 100

92 54.0 27.1 81.3

134 26.5 13.3 39.8



#90

Hexachloroethane

Concen: 54.699 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015967.D

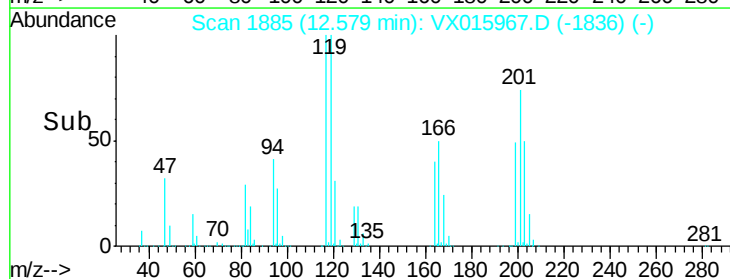
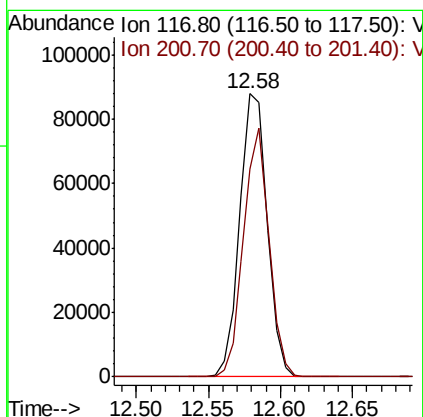
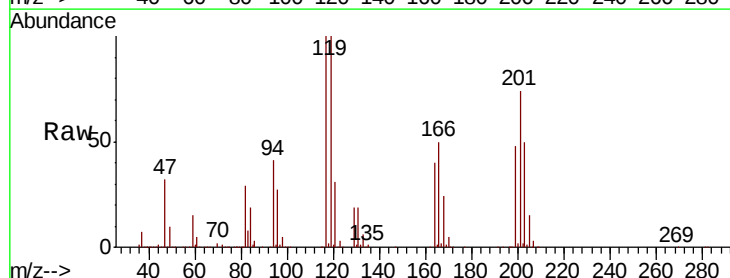
Acq: 28 Apr 2020 17:17

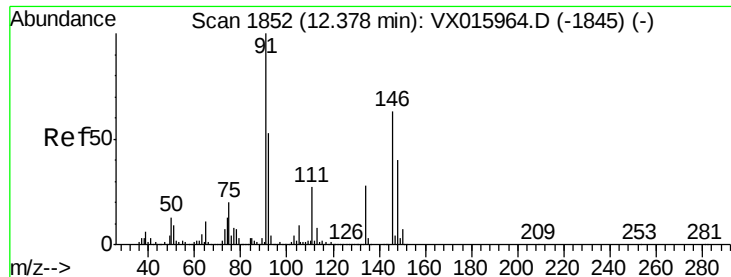
Tgt Ion: 117 Resp: 116894

Ion Ratio Lower Upper

117 100

201 81.3 40.3 120.8





#91

1,2-Dichlorobenzene

Concen: 52.570 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042820

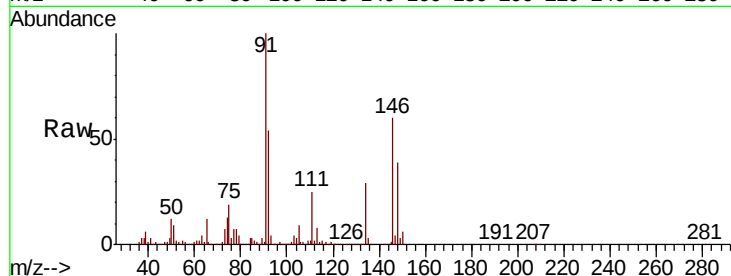
Tot Ion:146 Resp: 311373

Ion Ratio Lower Upper

146 100

111 41.8 21.1 63.3

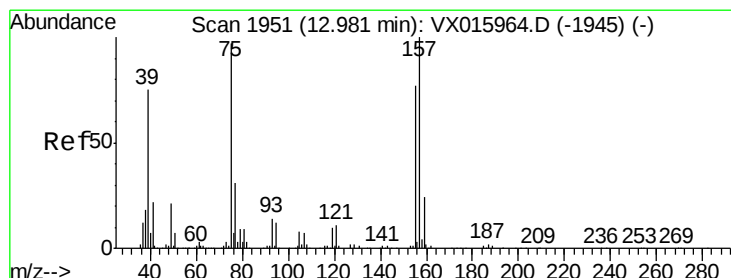
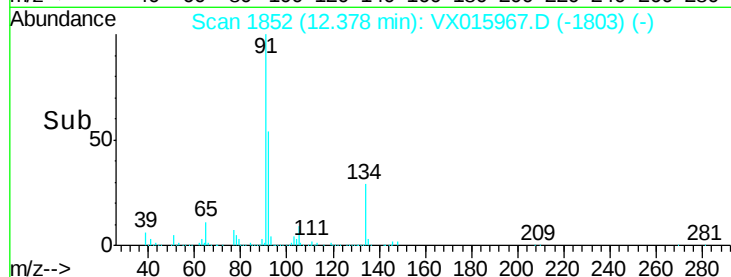
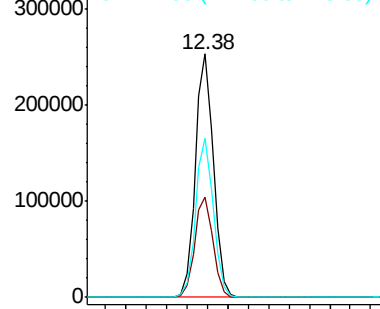
148 64.5 32.3 96.9



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: 52.806 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

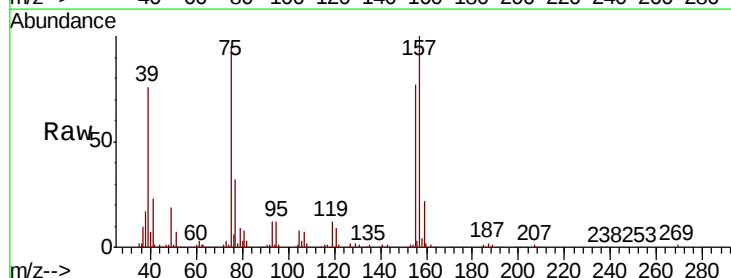
Tgt Ion: 75 Resp: 57527

Ion Ratio Lower Upper

75 100

155 86.9 42.5 127.6

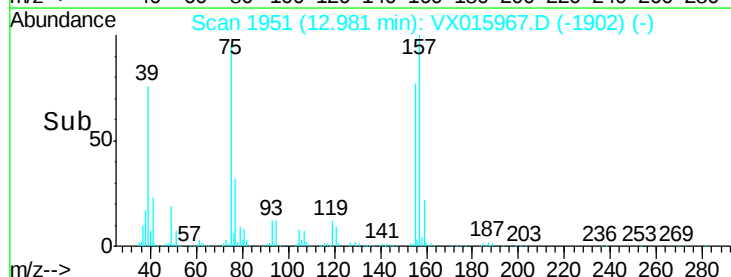
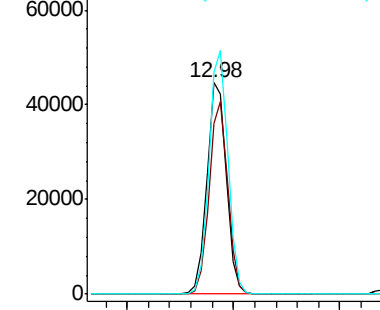
157 111.4 56.0 168.2

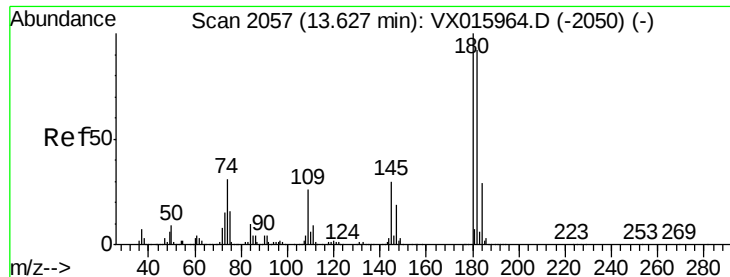


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

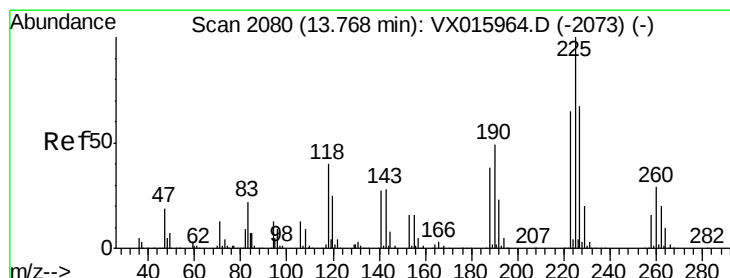
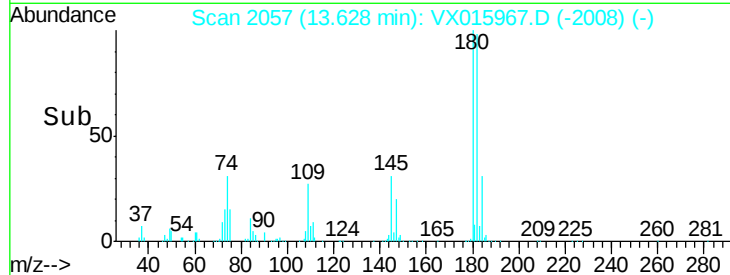
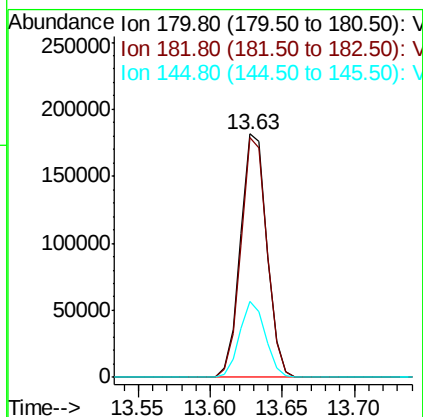
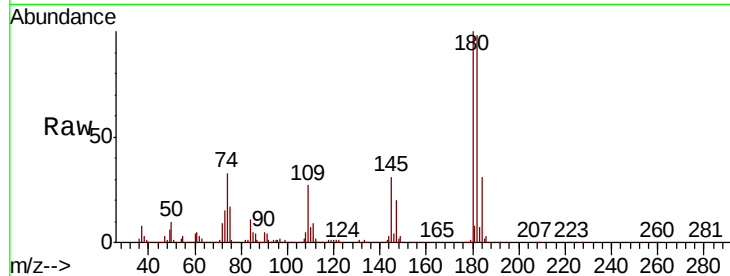




#93
 1,2,4-Trichlorobenzene
 Concen: 51.856 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX015967.D
 Acq: 28 Apr 2020 17:17

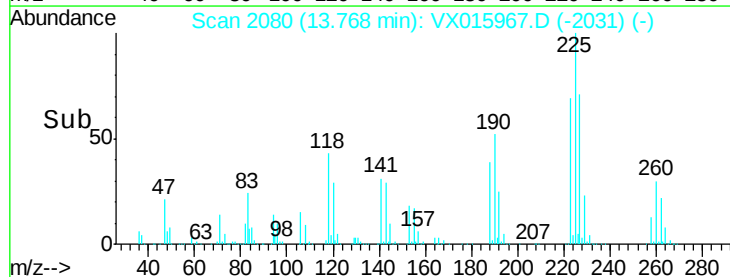
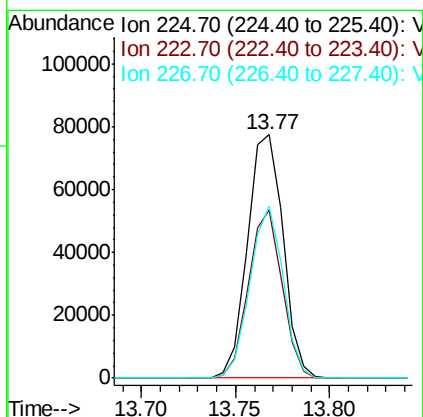
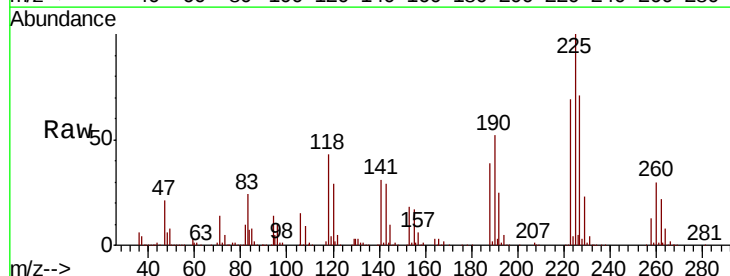
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042820

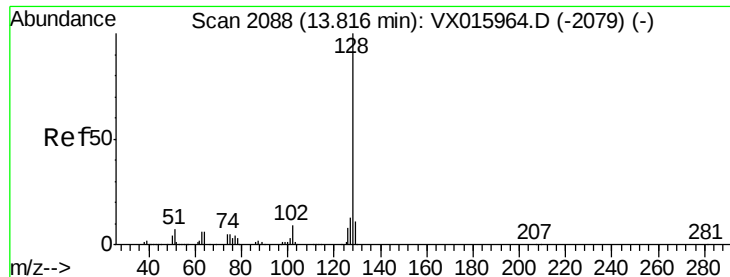
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	46.9	140.6
145	30.4	14.7	44.1



#94
 Hexachlorobutadiene
 Concen: 51.065 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX015967.D
 Acq: 28 Apr 2020 17:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	32.0	96.0
227	66.1	33.0	99.0





#95

Naphthalene

Concen: 54.699 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042820

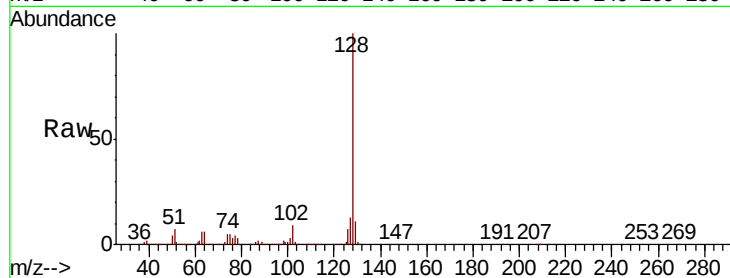
Tot Ion:128 Resp: 766950

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.9 8.7 13.1

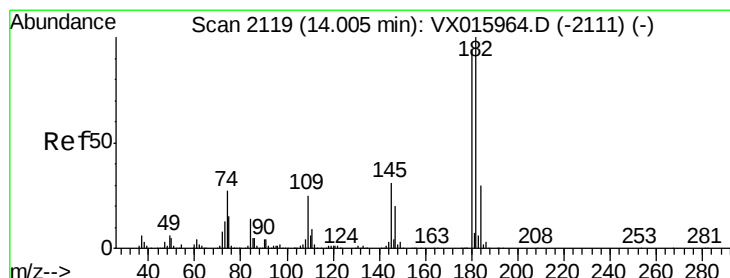
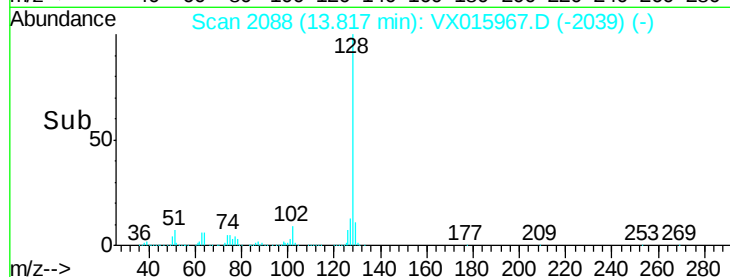
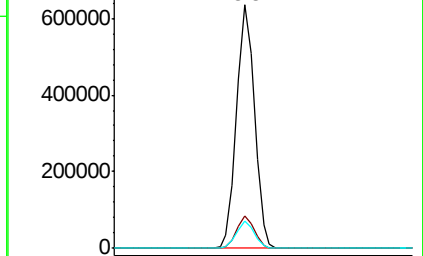


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

13.82



#96

1,2,3-Trichlorobenzene

Concen: 53.158 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VX015967.D

Acq: 28 Apr 2020 17:17

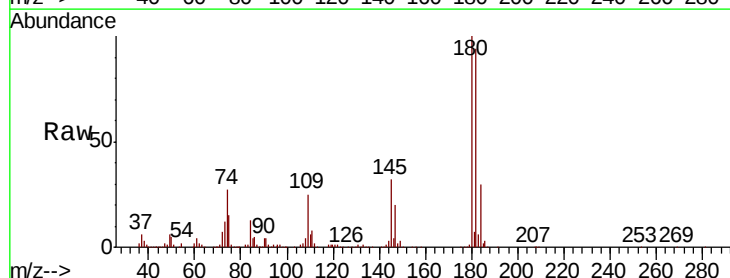
Tgt Ion:180 Resp: 227551

Ion Ratio Lower Upper

180 100

182 94.2 48.7 146.1

145 32.1 16.1 48.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

14.01

