

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016963.D
 Acq On : 25 Jun 2020 19:37
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Jun 26 08:18:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:15:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	188986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	339339	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	311106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	152770	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	60115	22.28	ug/l	0.00
Spiked Amount			Recovery	=	44.56%	
35) Dibromofluoromethane	5.46	113	43969	23.10	ug/l	0.00
Spiked Amount			Recovery	=	46.20%	
50) Toluene-d8	8.70	98	157873	19.94	ug/l	0.00
Spiked Amount			Recovery	=	39.88%	
62) 4-Bromofluorobenzene	11.12	95	58826	18.43	ug/l	0.00
Spiked Amount			Recovery	=	36.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	30046	15.038	ug/l	99
3) Chloromethane	1.32	50	50173	23.179	ug/l	99
4) Vinyl Chloride	1.39	62	46810	17.618	ug/l	95
5) Bromomethane	1.63	94	40262	36.574	ug/l	99
6) Chloroethane	1.71	64	31761	19.601	ug/l	100
7) Trichlorofluoromethane	1.92	101	73674	22.202	ug/l	98
8) Diethyl Ether	2.17	74	29993	19.843	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	36540	17.922	ug/l	100
10) Methyl Iodide	2.49	142	43634	19.521	ug/l	100
11) Tert butyl alcohol	3.01	59	56021	98.832	ug/l	99
12) 1,1-Dichloroethene	2.35	96	40857	19.240	ug/l	98
13) Acrolein	2.28	56	39142	106.474	ug/l	97
14) Allyl chloride	2.71	41	80873	21.318	ug/l	98
15) Acrylonitrile	3.12	53	129996	104.769	ug/l	100
16) Acetone	2.42	43	117281	115.561	ug/l	99
17) Carbon Disulfide	2.55	76	124739	19.168	ug/l	100
18) Methyl Acetate	2.75	43	56027	18.955	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	156005	20.566	ug/l	99
20) Methylene Chloride	2.84	84	51097	20.790	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	46490	19.651	ug/l	98
22) Diisopropyl ether	3.82	45	161379	21.536	ug/l	96
23) Vinyl Acetate	3.79	43	721825	116.538	ug/l	100
24) 1,1-Dichloroethane	3.67	63	87852	20.669	ug/l	96
25) 2-Butanone	4.63	43	182909	111.962	ug/l	98
26) 2,2-Dichloropropane	4.55	77	69619	18.777	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	53171	19.929	ug/l	98
28) Bromochloromethane	4.98	49	37289	19.823	ug/l	99
29) Tetrahydrofuran	5.09	42	118850	109.918	ug/l	98
30) Chloroform	5.18	83	88686	21.051	ug/l	97
31) Cyclohexane	5.55	56	63843	16.219	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	75820	19.928	ug/l	99
36) 1,1-Dichloropropene	5.77	75	60941	18.691	ug/l	98
37) Ethyl Acetate	4.79	43	73572	22.156	ug/l	98
38) Carbon Tetrachloride	5.75	117	66688	21.761	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	57721	14.802	ug/l	96
40) Benzene	6.12	78	190615	20.096	ug/l	97
41) Methacrylonitrile	5.01	41	39337	21.038	ug/l	98
42) 1,2-Dichloroethane	6.16	62	77349	22.779	ug/l	100
43) Isopropyl Acetate	6.42	43	118809	21.802	ug/l	99
44) Trichloroethene	7.19	130	49084	17.180	ug/l	98
45) 1,2-Dichloropropane	7.49	63	49966	20.508	ug/l	99
46) Dibromomethane	7.64	93	35575	21.785	ug/l	97
47) Bromodichloromethane	7.88	83	72241	21.595	ug/l	99
48) Methyl methacrylate	7.74	41	55913	20.889	ug/l	98
49) 1,4-Dioxane	7.71	88	23034	393.883	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	357809	112.083	ug/l	99
52) Toluene	8.77	92	116031	19.329	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	77360	19.518	ug/l	95
54) cis-1,3-Dichloropropene	8.41	75	82525	19.915	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	49003	20.425	ug/l	96
56) Ethyl methacrylate	9.16	69	73456	19.117	ug/l	99
57) 1,3-Dichloropropane	9.35	76	84729	20.645	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	189660	99.245	ug/l	99
59) 2-Hexanone	9.47	43	267759	110.613	ug/l	100
60) Dibromochloromethane	9.57	129	54236	22.254	ug/l	99
61) 1,2-Dibromoethane	9.65	107	51663	20.713	ug/l	99
64) Tetrachloroethene	9.32	164	39912	13.601	ug/l	98
65) Chlorobenzene	10.12	112	126506	20.422	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	47155	21.233	ug/l	99
67) Ethyl Benzene	10.24	91	216429	18.960	ug/l	99
68) m/p-Xylenes	10.34	106	163856	39.076	ug/l	99
69) o-Xylene	10.68	106	78163	19.171	ug/l	97
70) Styrene	10.69	104	134641	19.188	ug/l	99
71) Bromoform	10.84	173	36912	23.756	ug/l #	99
73) Isopropylbenzene	11.00	105	203049	18.065	ug/l	99
74) N-amyl acetate	10.88	43	101657	20.465	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	71539	26.444	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	86113	26.275	ug/l	85
77) Bromobenzene	11.24	156	52523	20.239	ug/l	99
78) n-propylbenzene	11.34	91	235281	17.706	ug/l	100
79) 2-Chlorotoluene	11.40	91	146126	18.667	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	171197	17.947	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	24251	17.084	ug/l	98
82) 4-Chlorotoluene	11.49	91	172686	18.463	ug/l	99
83) tert-Butylbenzene	11.76	119	164528	19.979	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	175875	17.949	ug/l	100
85) sec-Butylbenzene	11.93	105	181793	16.543	ug/l	100
86) p-Isopropyltoluene	12.05	119	171280	17.072	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	95163	19.942	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	95600	19.484	ug/l	99
89) n-Butylbenzene	12.37	91	150059	15.943	ug/l	99
90) Hexachloroethane	12.58	117	34526	21.147	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	91892	20.058	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	15596	19.129	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Jun 26 08:15:40 2020
Response via : Initial Calibration

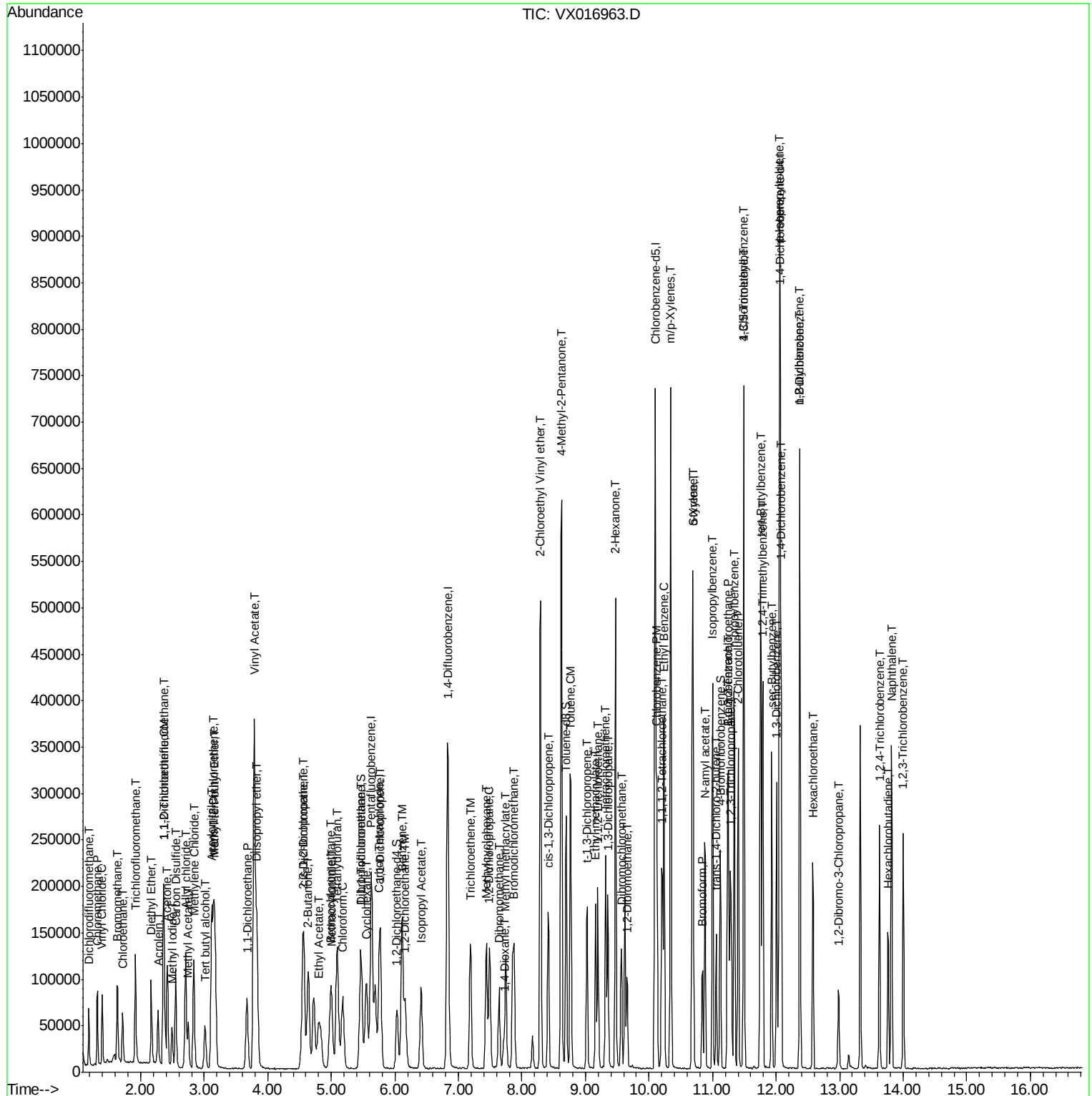
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	54612	18.372	ug/l	96
94) Hexachlorobutadiene	13.77	225	18353	17.480	ug/l	96
95) Naphthalene	13.82	128	198061	18.629	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	54565	19.335	ug/l	99

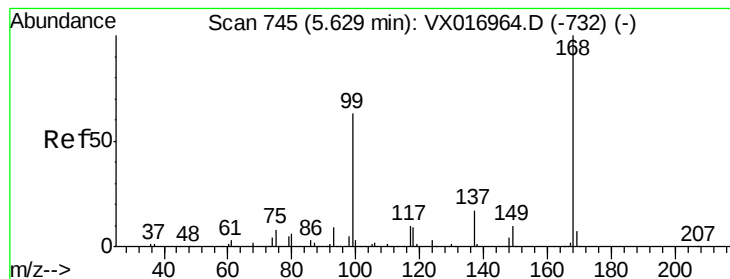
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX062620\
Data File : VX016963.D
Acq On : 25 Jun 2020 19:37
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ClientSampleID :
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Quant Time: Jun 26 08:18:38 2020
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Quant Title : SW846 8260
QLast Update : Fri Jun 26 08:15:40 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

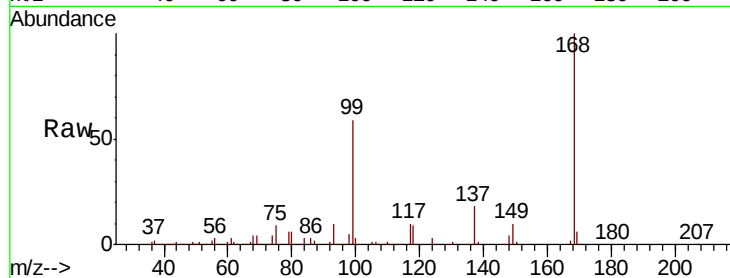
VSTDIC020

Tot Ion:168 Resp: 188986

Ion Ratio Lower Upper

168 100

99 59.1 50.2 75.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

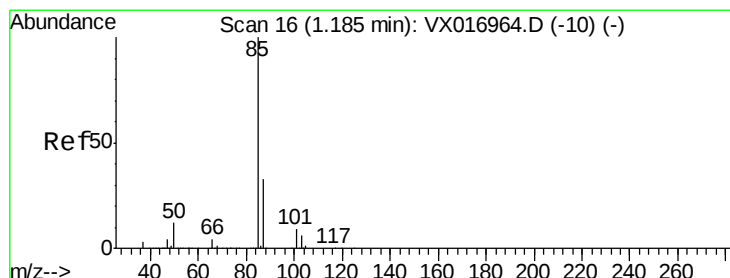
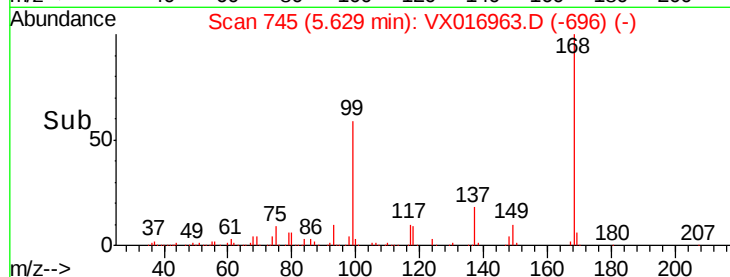
40000

20000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 15.038 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016963.D

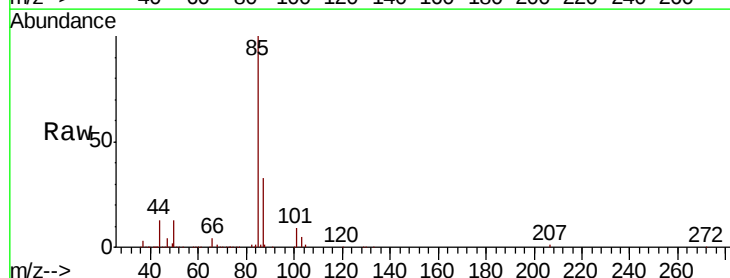
Acq: 25 Jun 2020 19:37

Tgt Ion: 85 Resp: 30046

Ion Ratio Lower Upper

85 100

87 33.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

40000

30000

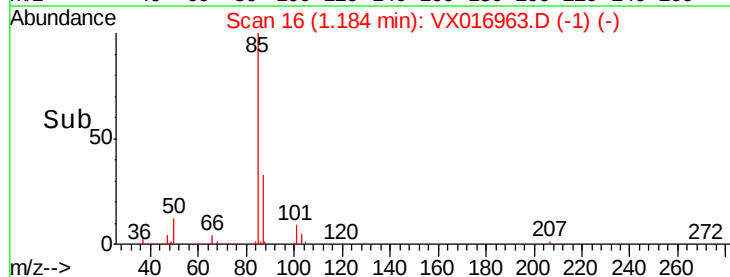
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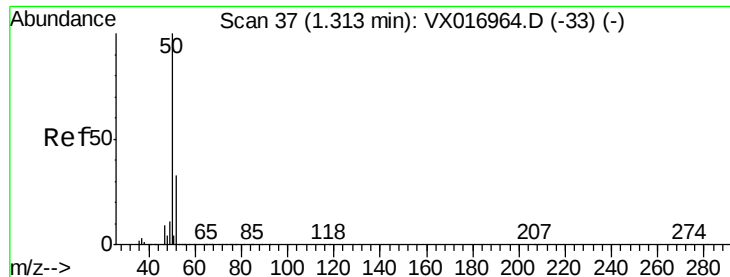
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0

Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 23.179 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

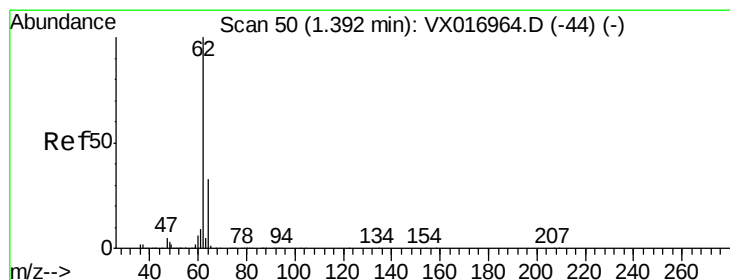
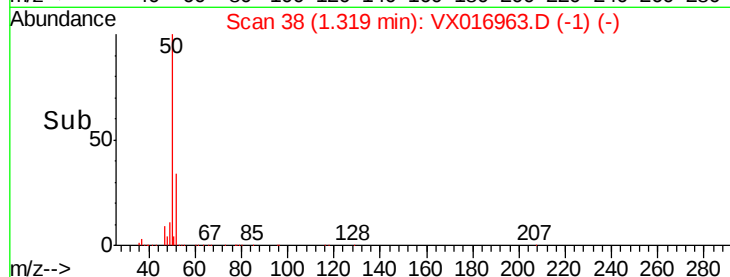
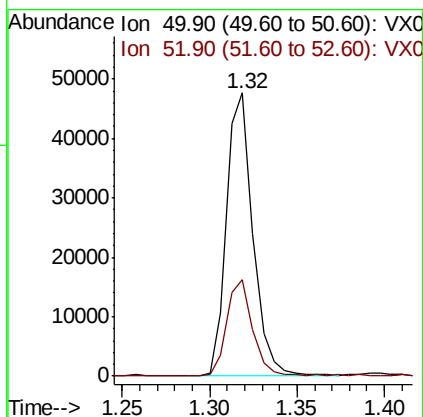
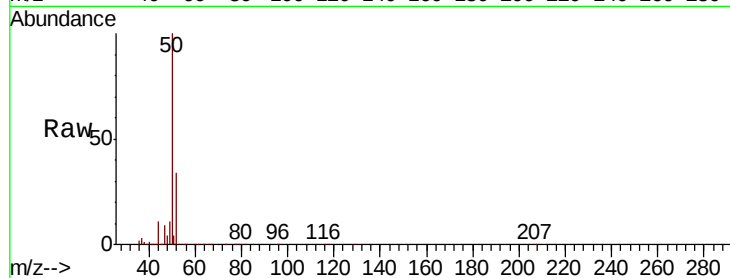
VSTDIC020

Tot Ion: 50 Resp: 50173

Ion Ratio Lower Upper

50 100

52 34.1 26.6 40.0



#4

Vinyl Chloride

Concen: 17.618 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016963.D

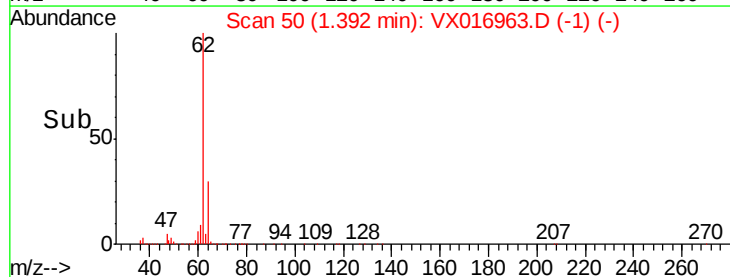
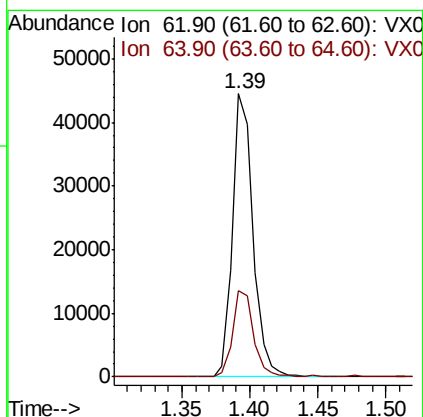
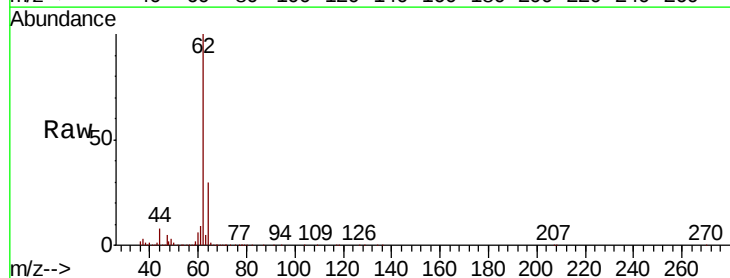
Acq: 25 Jun 2020 19:37

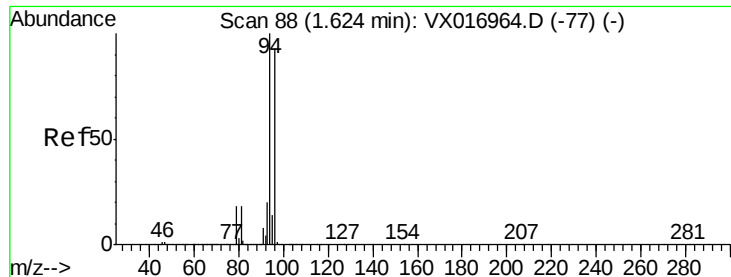
Tgt Ion: 62 Resp: 46810

Ion Ratio Lower Upper

62 100

64 30.3 26.3 39.5





#5

Bromomethane

Concen: 36.574 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

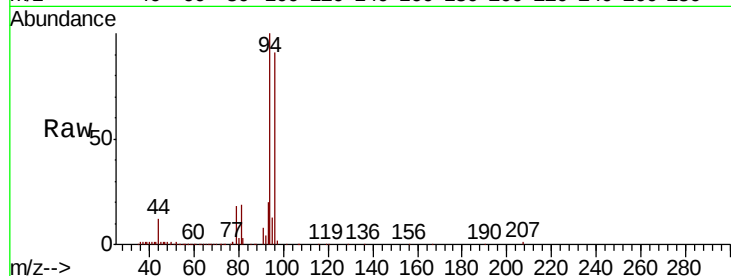
VSTDIC020

Tot Ion: 94 Resp: 40262

Ion Ratio Lower Upper

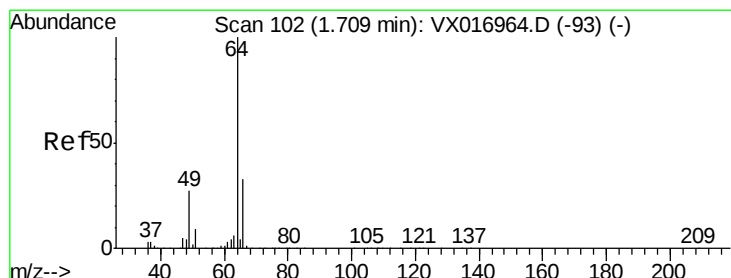
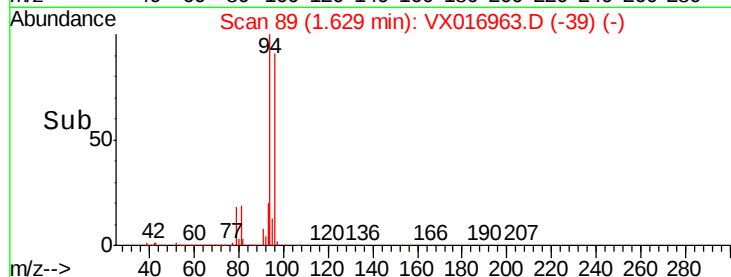
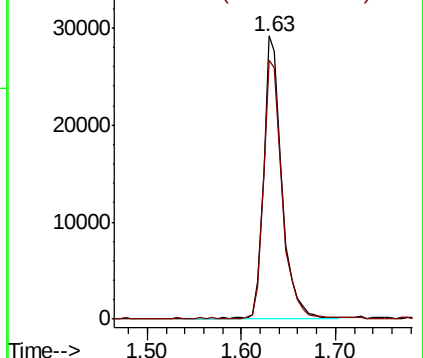
94 100

96 91.3 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.601 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016963.D

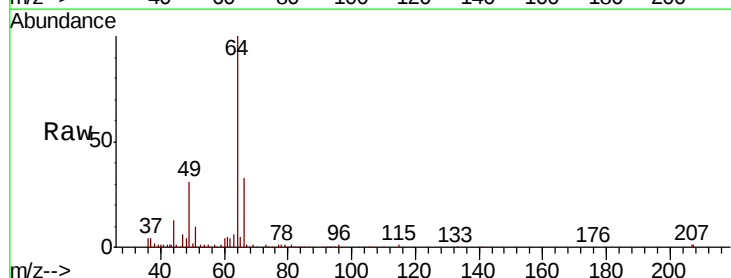
Acq: 25 Jun 2020 19:37

Tgt Ion: 64 Resp: 31761

Ion Ratio Lower Upper

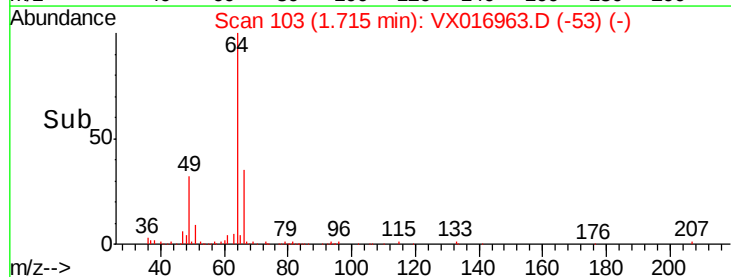
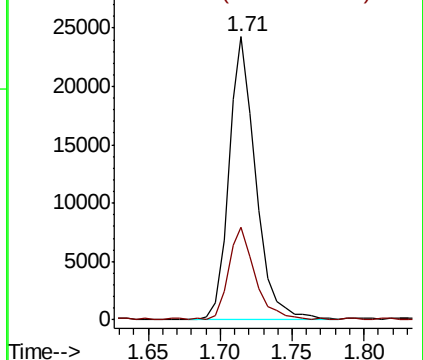
64 100

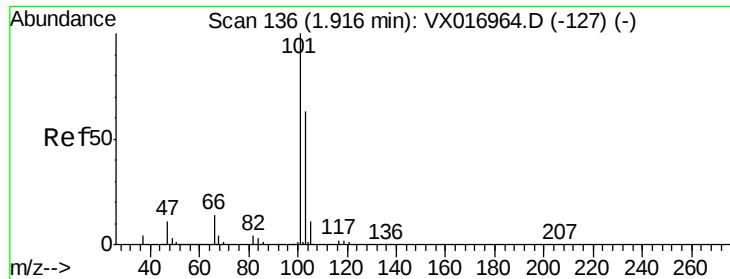
66 32.6 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



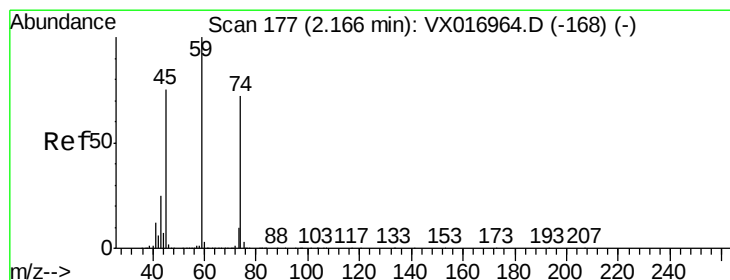
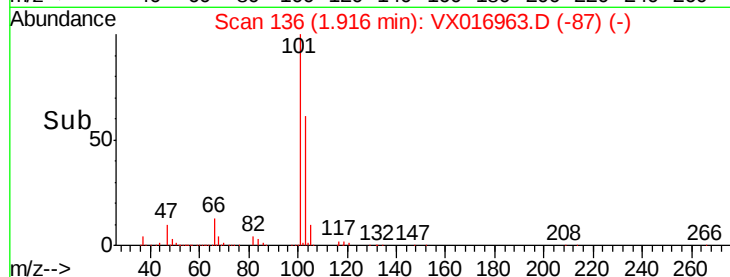
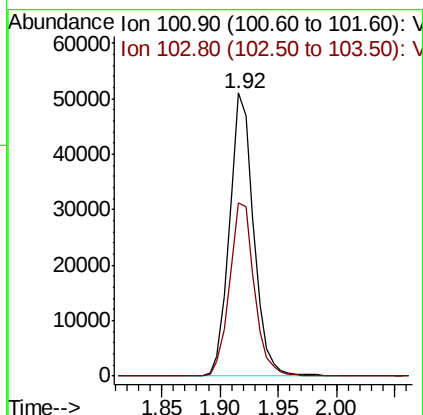
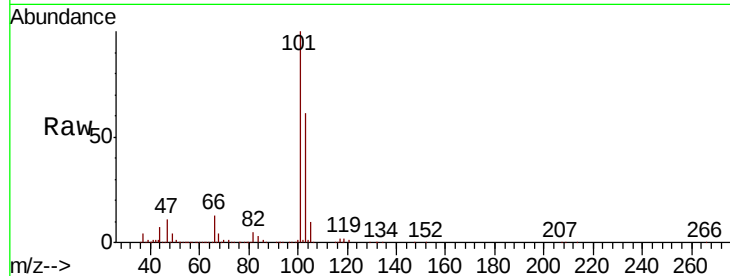


#7

Trichlorofluoromethane
 Concen: 22.202 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX016963.D
 Acq: 25 Jun 2020 19:37

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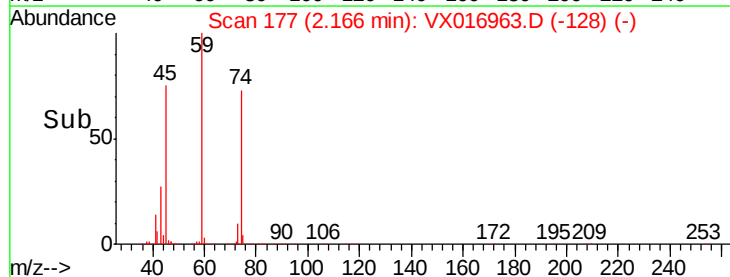
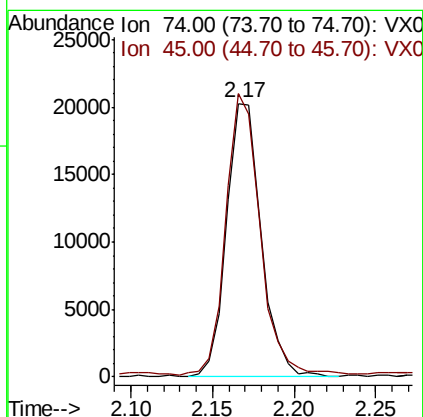
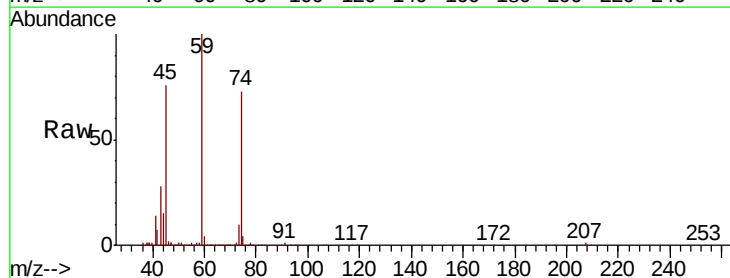
Tot Ion:101 Resp: 73674
 Ion Ratio Lower Upper
 101 100
 103 61.1 50.2 75.4

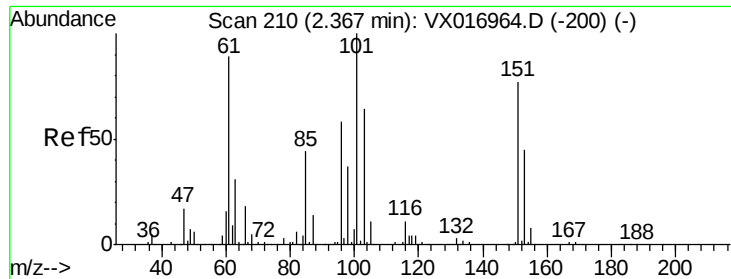


#8

Diethyl Ether
 Concen: 19.843 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016963.D
 Acq: 25 Jun 2020 19:37

Tgt Ion: 74 Resp: 29993
 Ion Ratio Lower Upper
 74 100
 45 101.5 50.5 151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.922 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

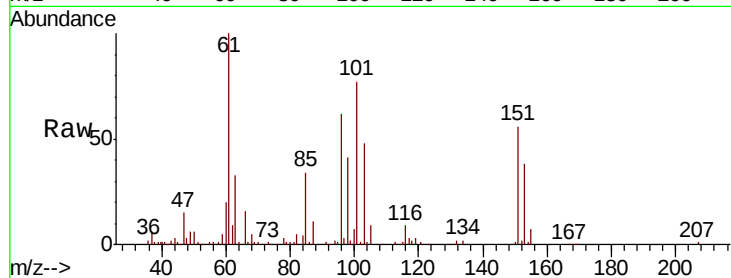
Tot Ion:101 Resp: 36540

Ion Ratio Lower Upper

101 100

85 46.0 36.8 55.2

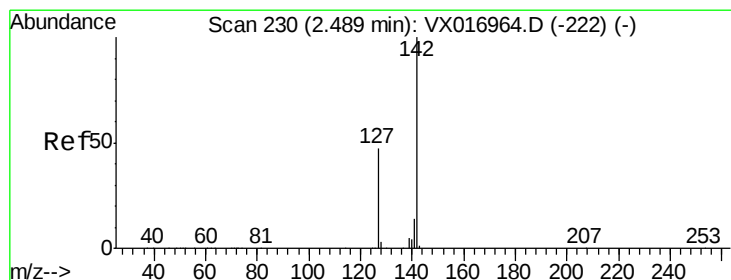
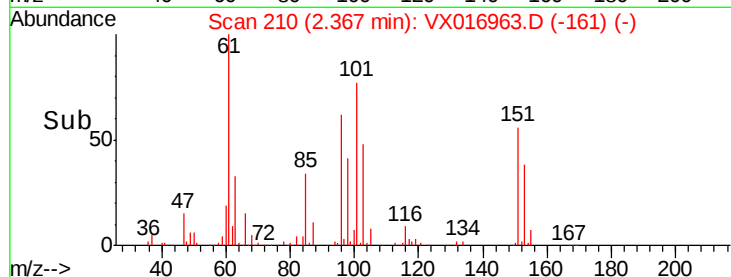
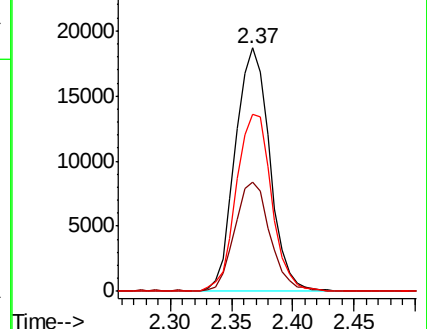
151 74.5 59.8 89.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.521 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

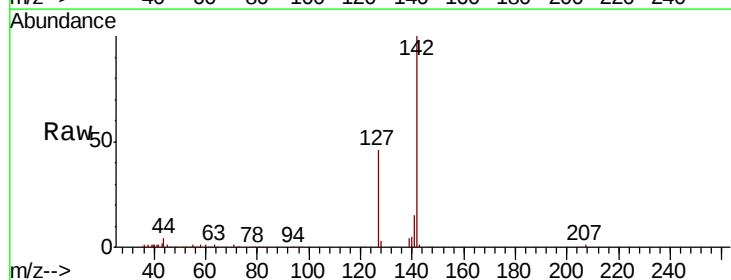
Tgt Ion:142 Resp: 43634

Ion Ratio Lower Upper

142 100

127 46.6 37.4 56.0

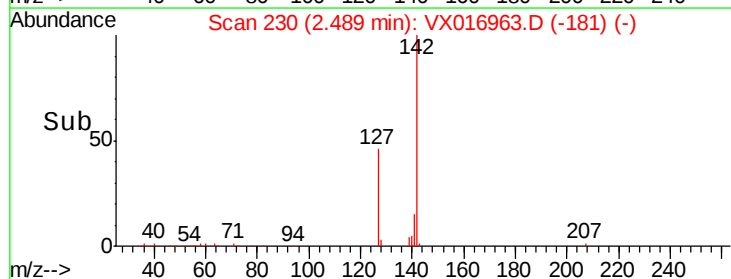
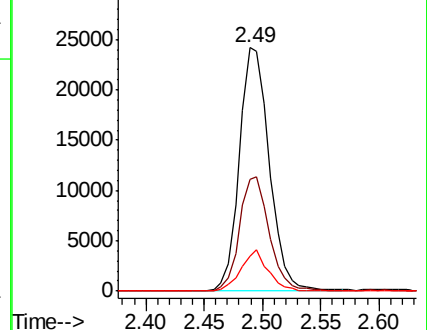
141 15.3 11.7 17.5

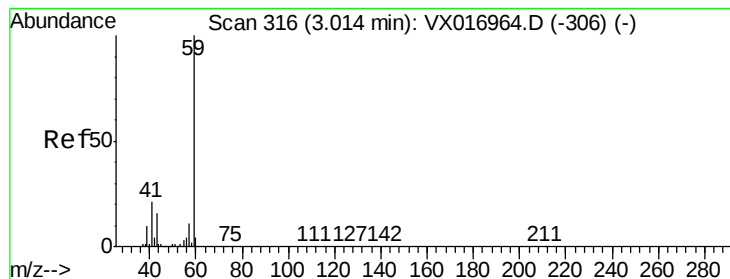


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



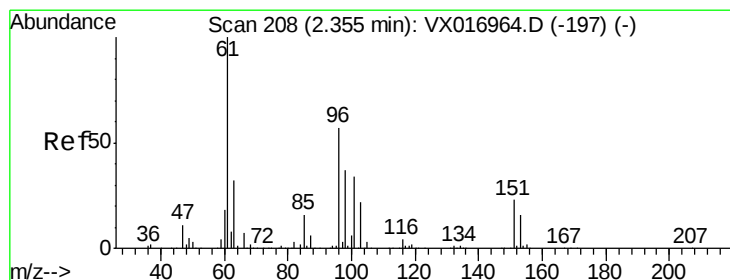
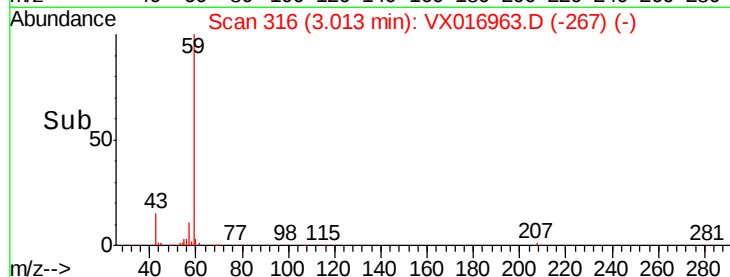
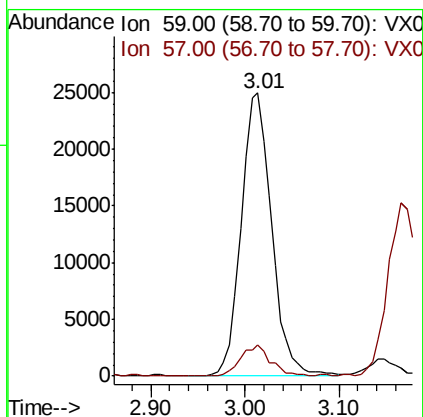
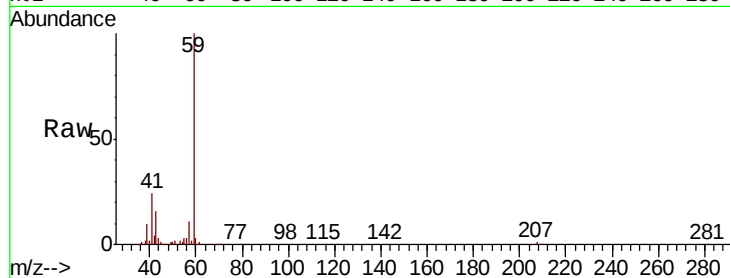


#11

Tert butyl alcohol
 Concen: 98.832 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX016963.D
 Acq: 25 Jun 2020 19:37

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

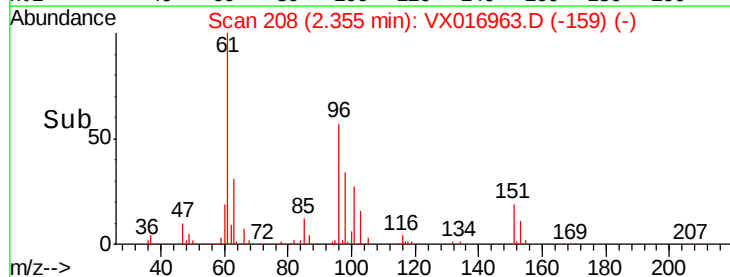
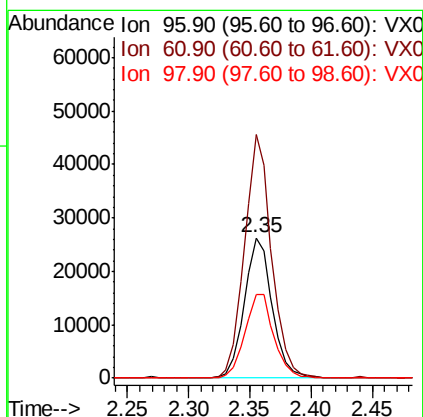
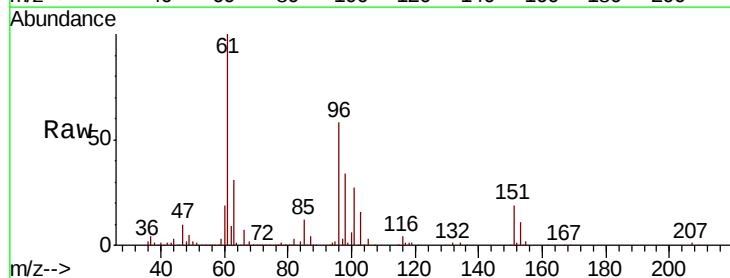
Tot Ion: 59 Resp: 56021
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.5 12.7

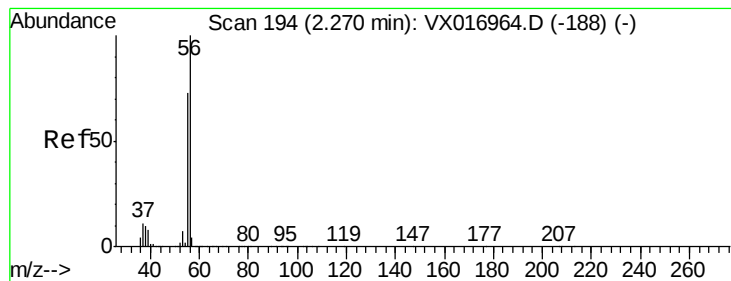


#12

1,1-Dichloroethene
 Concen: 19.240 ug/l
 RT: 2.35 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016963.D
 Acq: 25 Jun 2020 19:37

Tgt Ion: 96 Resp: 40857
 Ion Ratio Lower Upper
 96 100
 61 174.0 139.7 209.5
 98 59.5 51.0 76.6





#13

Acrolein

Concen: 106.474 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

ClientSampled :

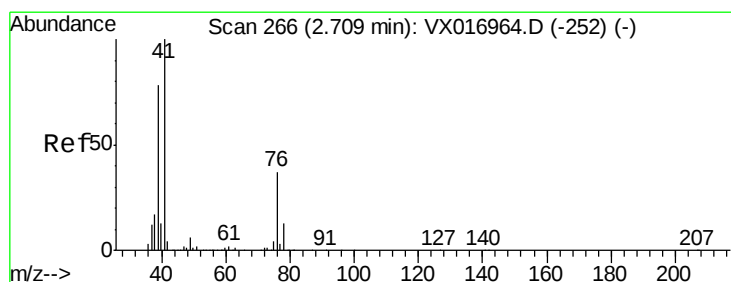
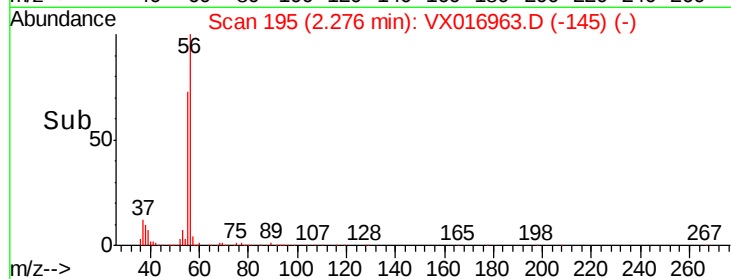
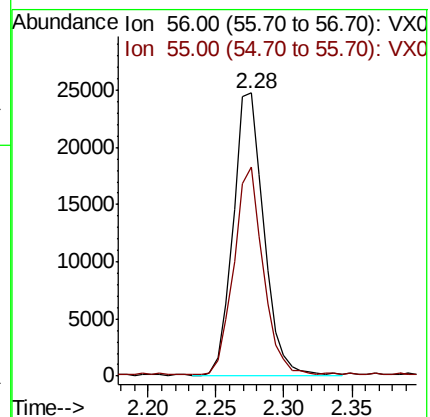
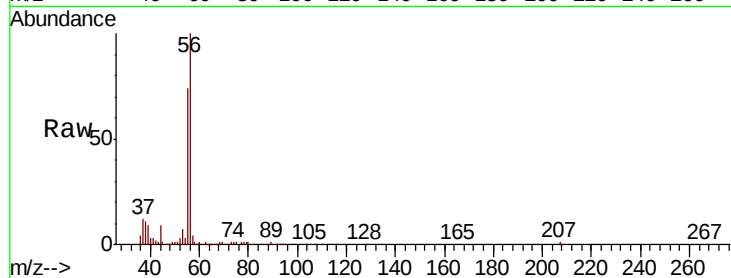
VSTDIC020

Tot Ion: 56 Resp: 39142

Ion Ratio Lower Upper

56 100

55 69.0 57.5 86.3



#14

Allyl chloride

Concen: 21.318 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

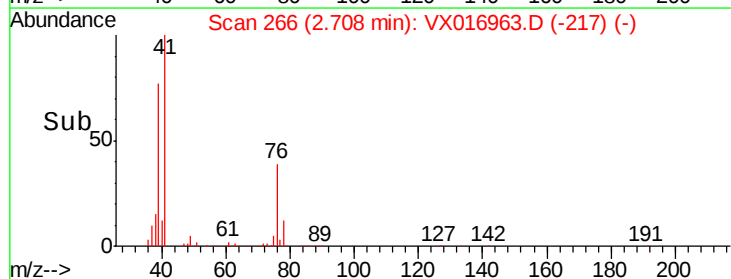
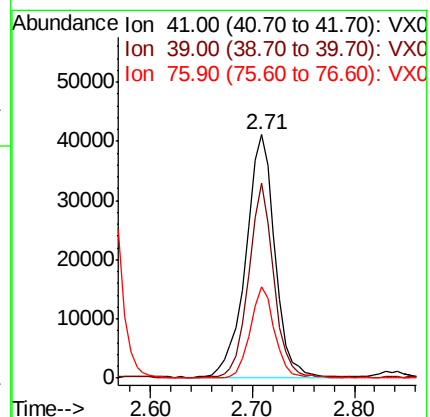
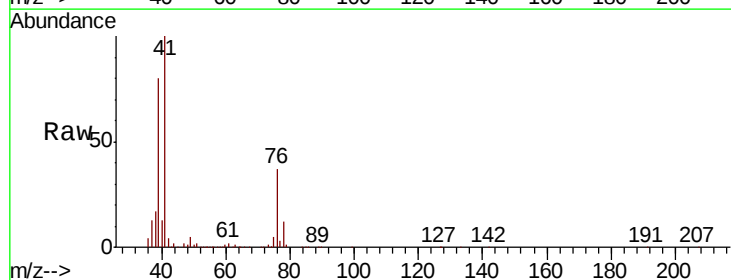
Tgt Ion: 41 Resp: 80873

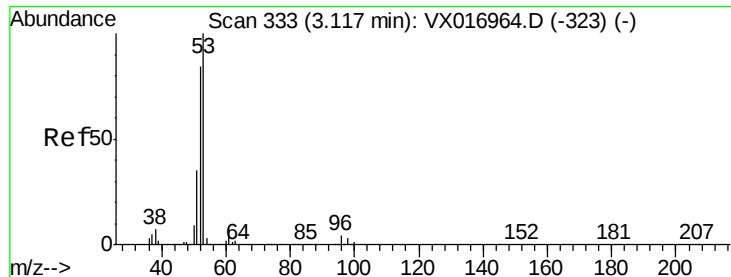
Ion Ratio Lower Upper

41 100

39 69.1 56.4 84.6

76 32.1 26.5 39.7





#15

Acrylonitrile

Concen: 104.769 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

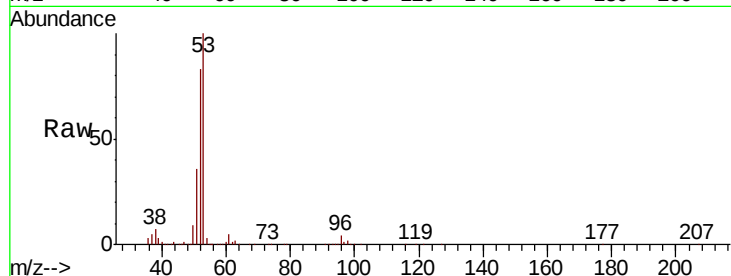
MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 53 Resp: 129996

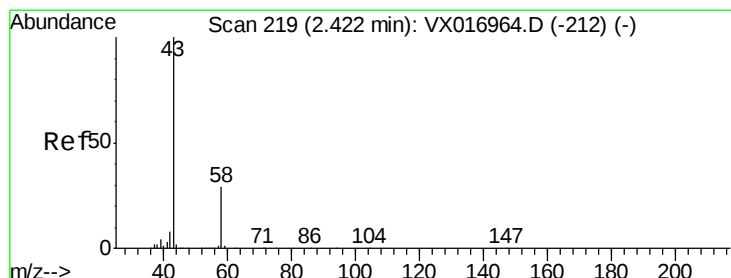
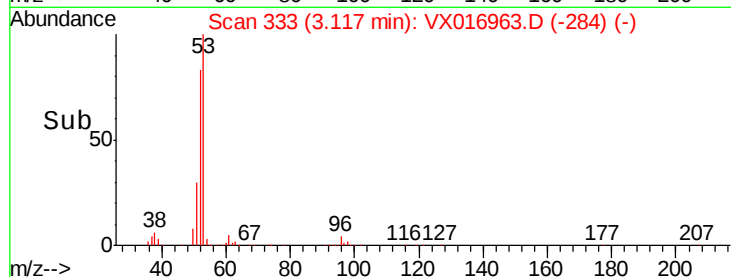
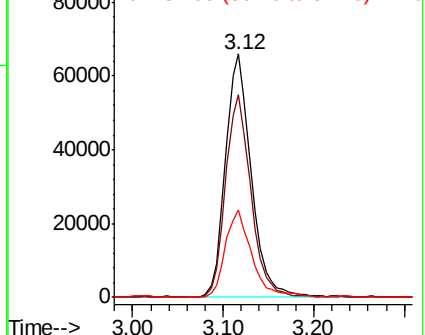
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.3	99.5
51	36.9	29.0	43.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 115.561 ug/l

RT: 2.42 min Scan# 218

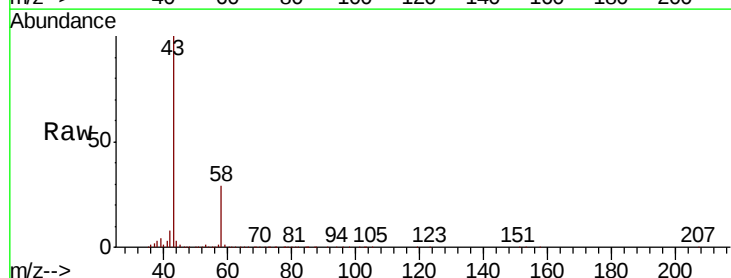
Delta R.T. -0.01 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

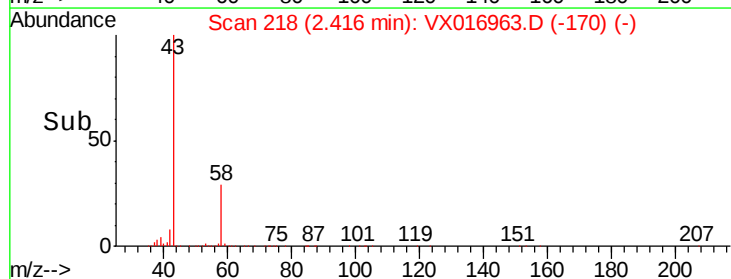
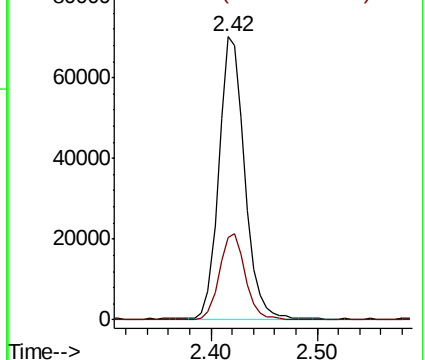
Tgt Ion: 43 Resp: 117281

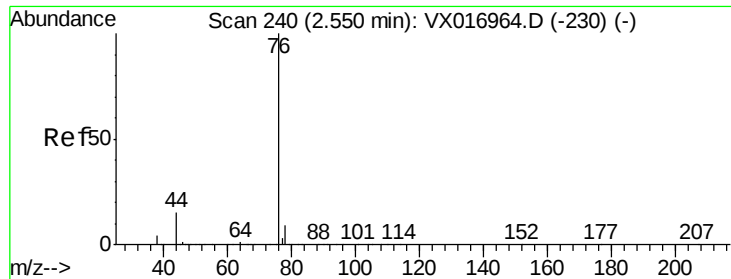
Ion	Ratio	Lower	Upper
43	100		
58	29.0	23.5	35.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 19.168 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

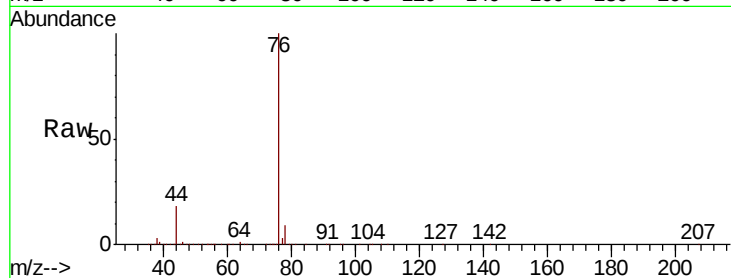
VSTDIC020

Tot Ion: 76 Resp: 124739

Ion Ratio Lower Upper

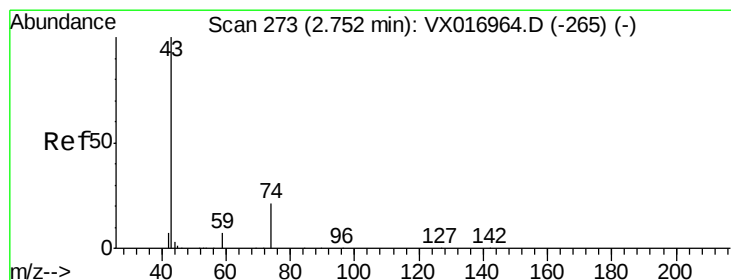
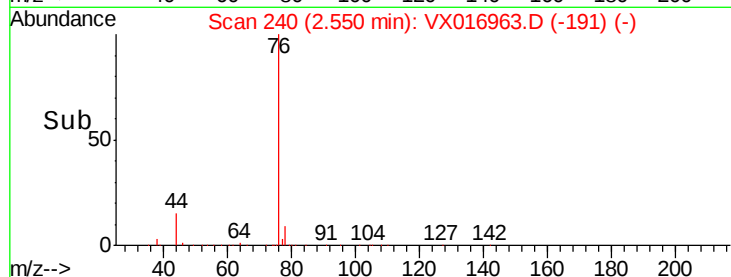
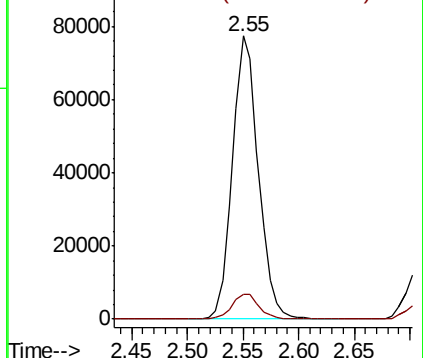
76 100

78 8.7 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.955 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016963.D

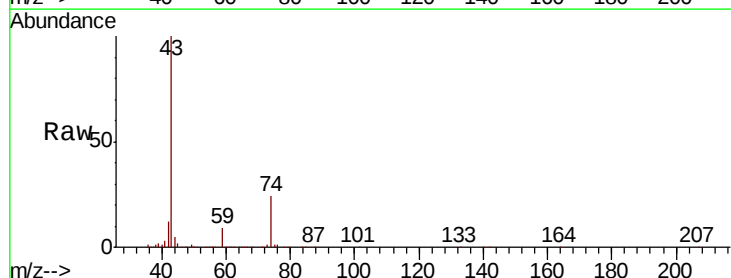
Acq: 25 Jun 2020 19:37

Tgt Ion: 43 Resp: 56027

Ion Ratio Lower Upper

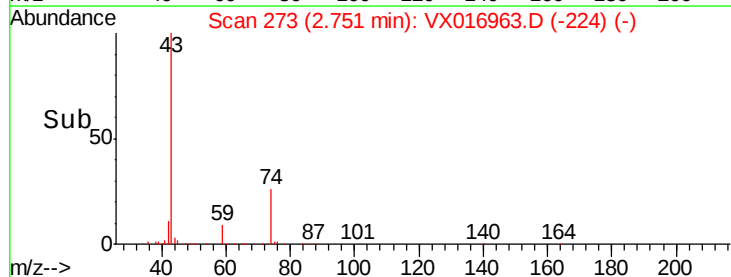
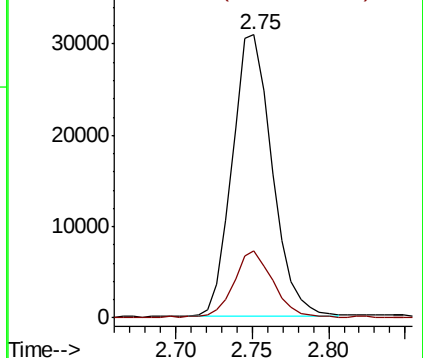
43 100

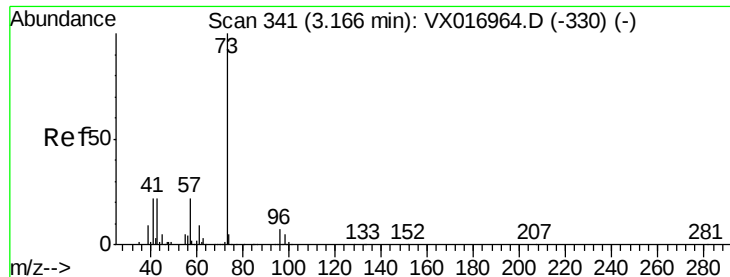
74 24.0 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



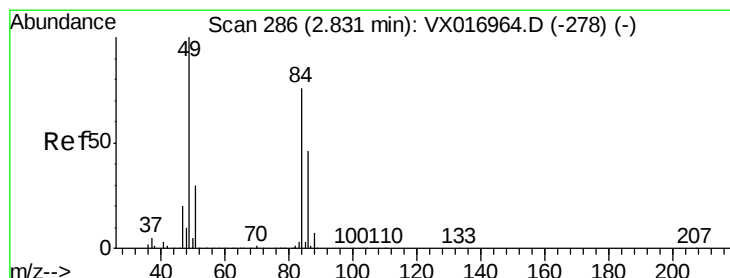
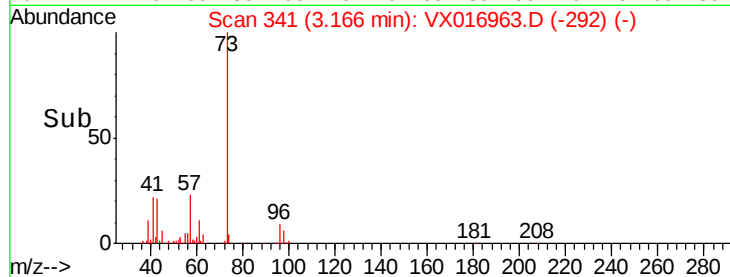
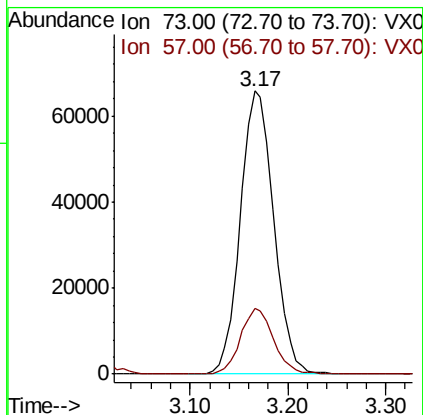
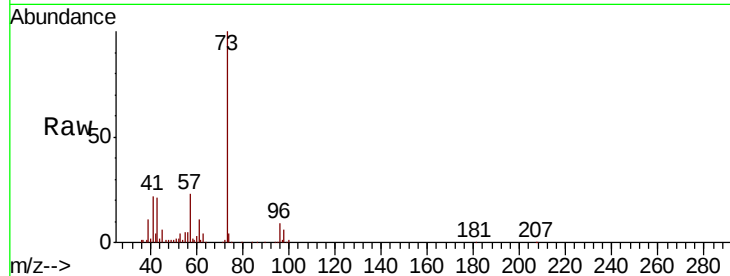


#19

Methyl tert-butyl Ether
 Concen: 20.566 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016963.D
 Acq: 25 Jun 2020 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

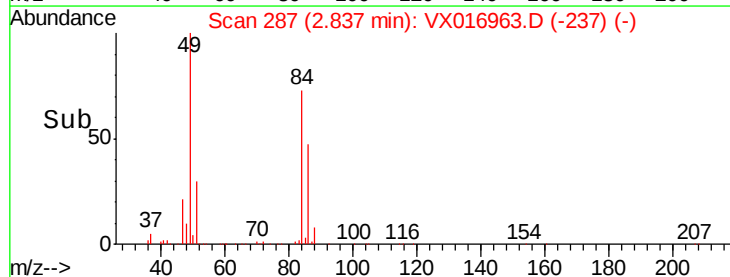
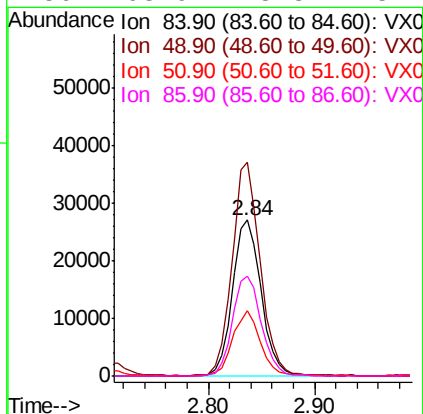
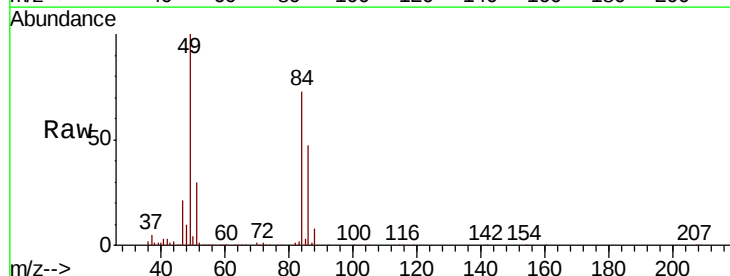
Tot Ion: 73 Resp: 156005
 Ion Ratio Lower Upper
 73 100
 57 23.0 17.8 26.8

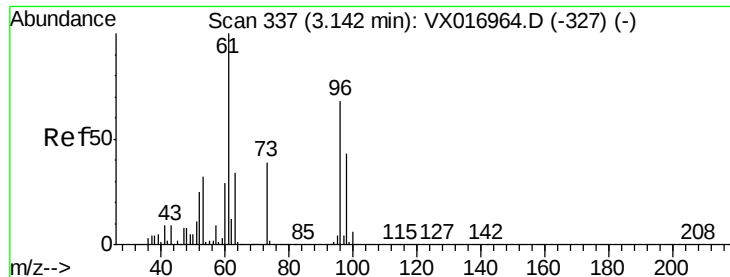


#20

Methylene Chloride
 Concen: 20.790 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: VX016963.D
 Acq: 25 Jun 2020 19:37

Tgt Ion: 84 Resp: 51097
 Ion Ratio Lower Upper
 84 100
 49 137.0 105.6 158.4
 51 41.4 31.2 46.8
 86 63.9 48.8 73.2





#21

trans-1,2-Dichloroethene

Concen: 19.651 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

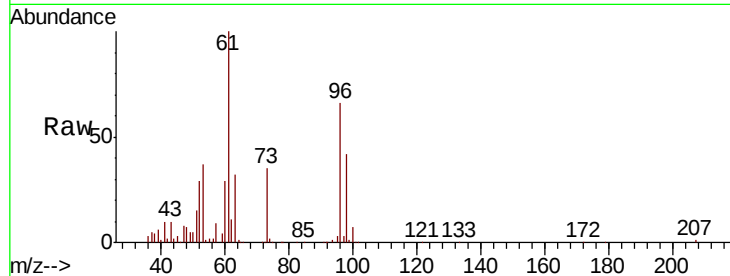
Tot Ion: 96 Resp: 46490

Ion Ratio Lower Upper

96 100

61 150.3 116.7 175.1

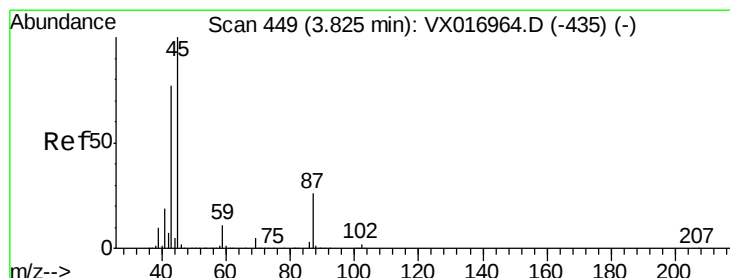
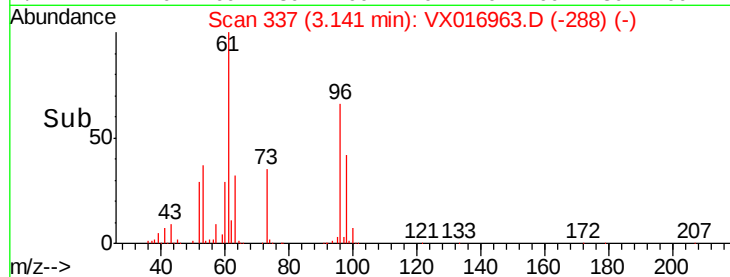
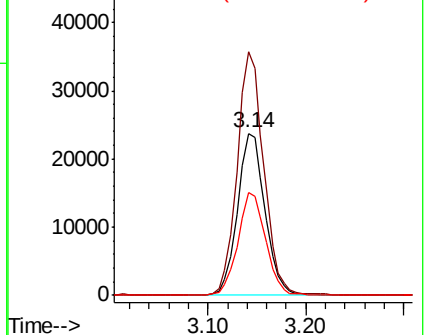
98 63.3 50.7 76.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.536 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Tgt Ion: 45 Resp: 161379

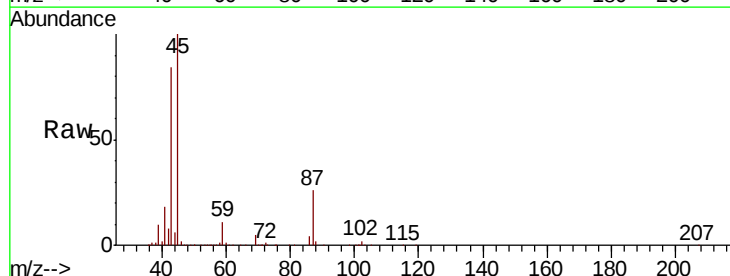
Ion Ratio Lower Upper

45 100

43 83.0 62.7 94.1

87 26.1 21.0 31.4

59 11.3 9.0 13.6

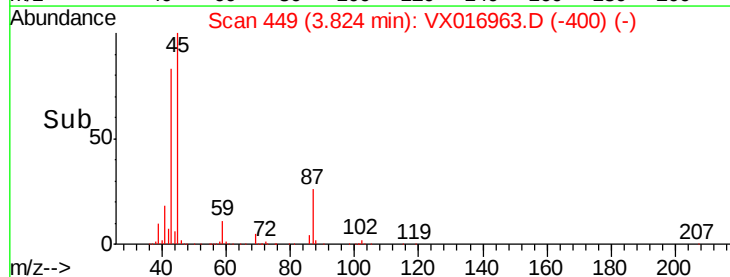
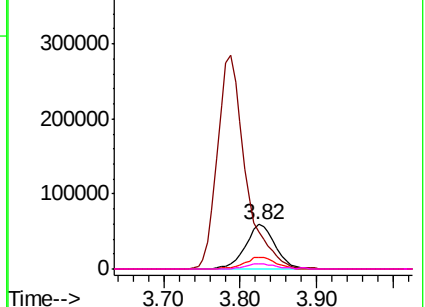


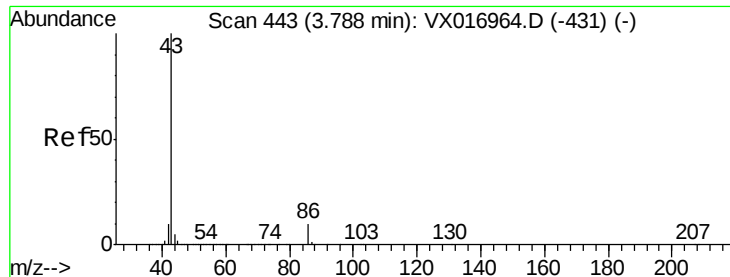
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 116.538 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

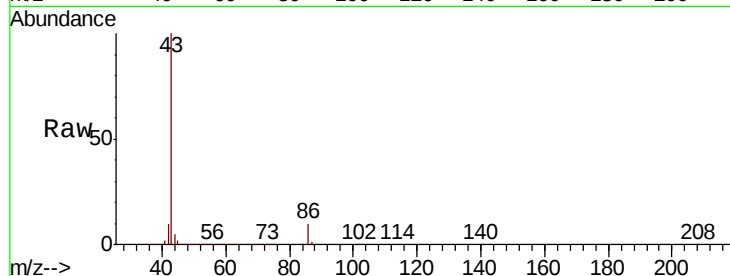
VSTDIC020

Tot Ion: 43 Resp: 721825

Ion Ratio Lower Upper

43 100

86 10.1 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

300000

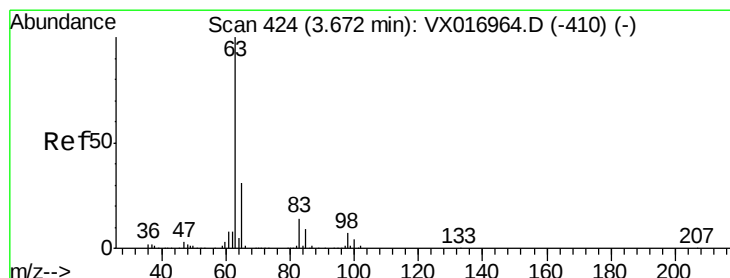
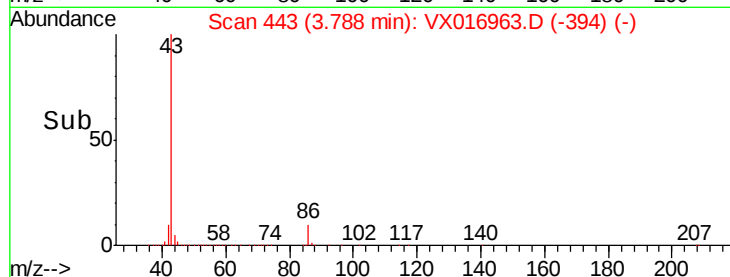
200000

100000

0

Time-->

3.70 3.80 3.90



#24

1,1-Dichloroethane

Concen: 20.669 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

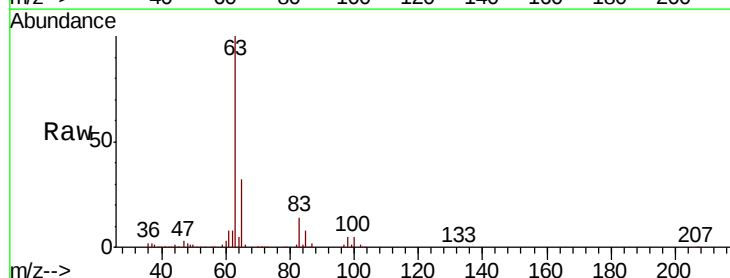
Tgt Ion: 63 Resp: 87852

Ion Ratio Lower Upper

63 100

98 5.4 3.6 10.8

100 4.6 2.1 6.3



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

50000

40000

30000

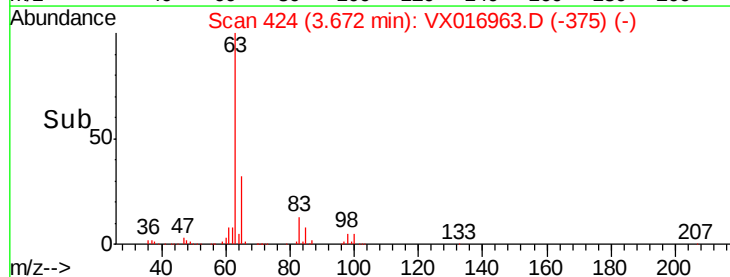
20000

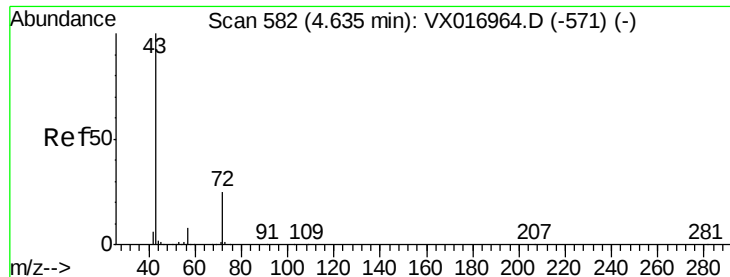
10000

0

Time-->

3.55 3.60 3.65 3.70 3.75

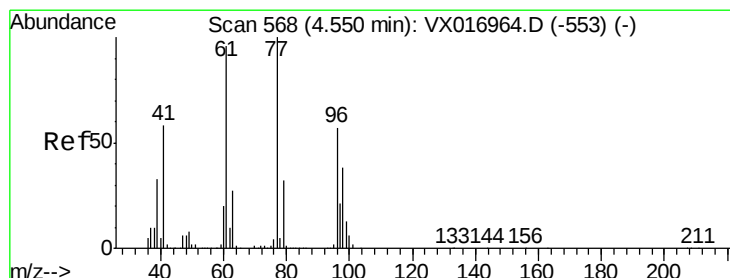
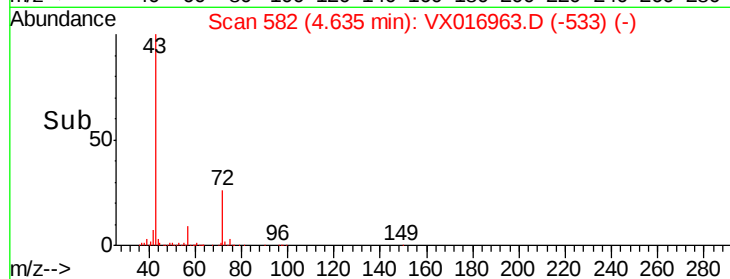
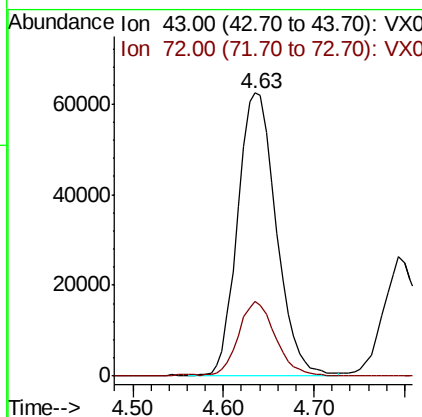
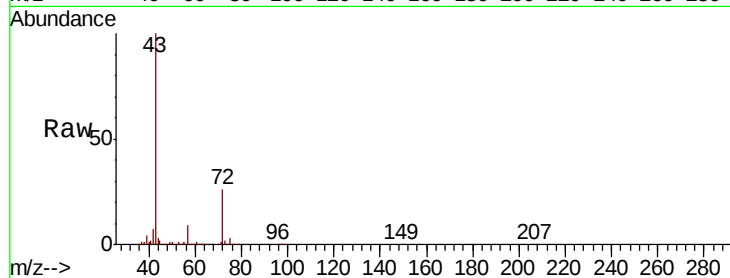




#25
2-Butanone
Concen: 111.962 ug/l
RT: 4.63 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

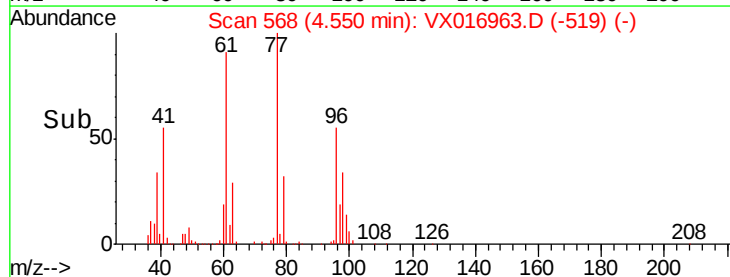
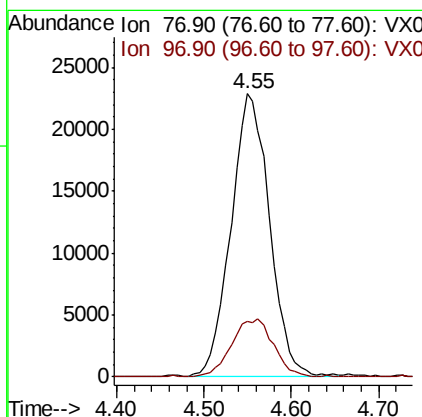
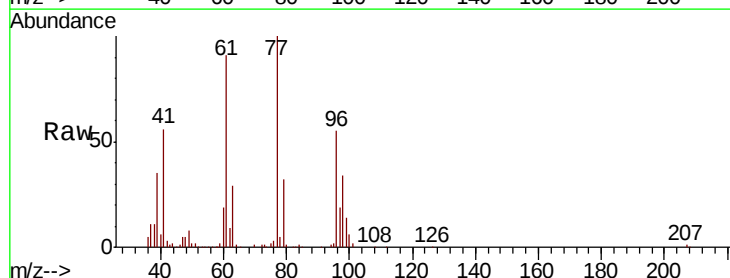
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

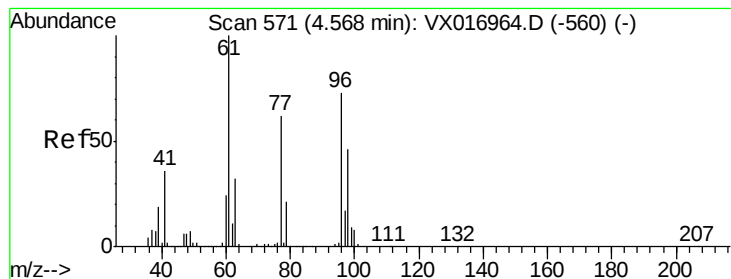
Tot Ion: 43 Resp: 182909
Ion Ratio Lower Upper
43 100
72 26.2 20.0 30.0



#26
2,2-Dichloropropane
Concen: 18.777 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion: 77 Resp: 69619
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.5



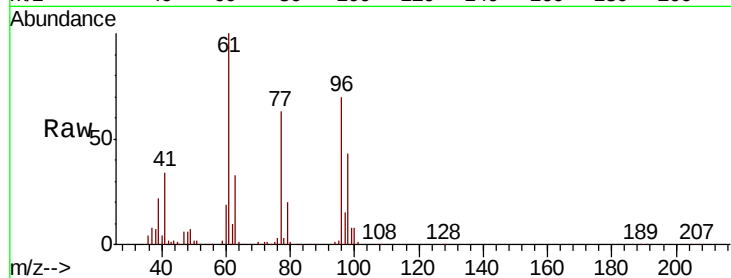


#27

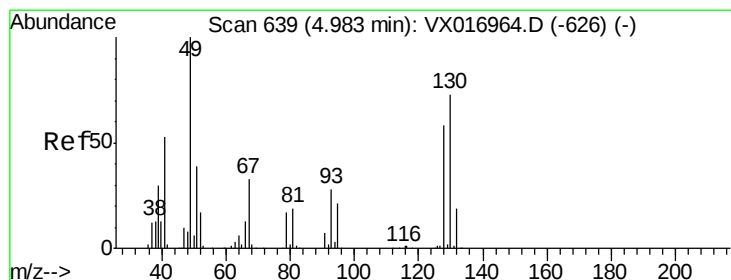
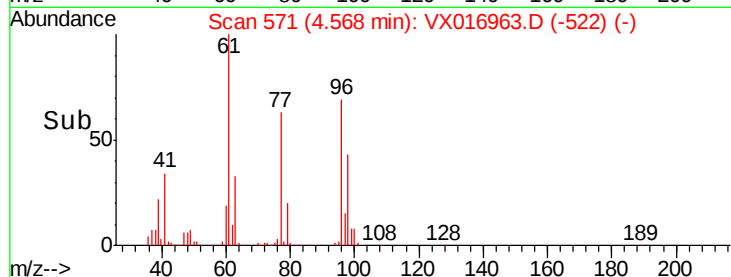
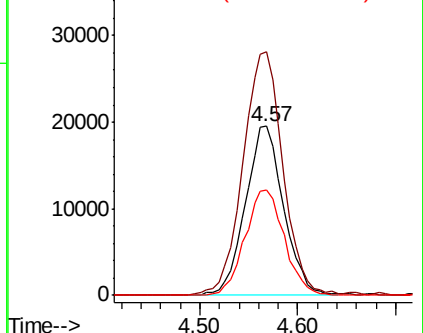
cis-1,2-Dichloroethene
Concen: 19.929 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	96	Resp	53171
Ion	Ratio	Lower	Upper
96	100		
61	150.5	0.0	307.2
98	64.3	0.0	128.4



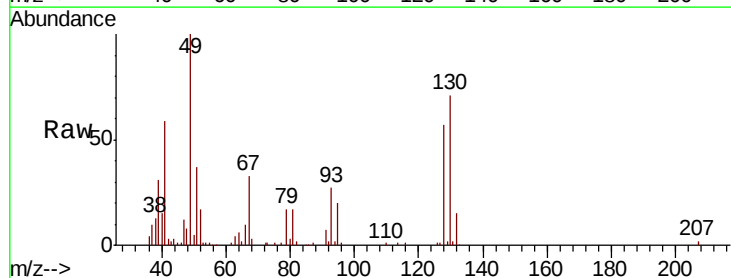
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



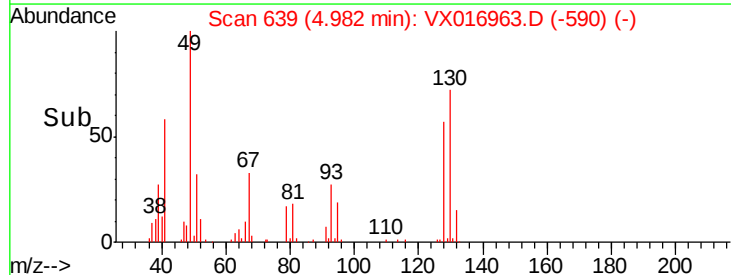
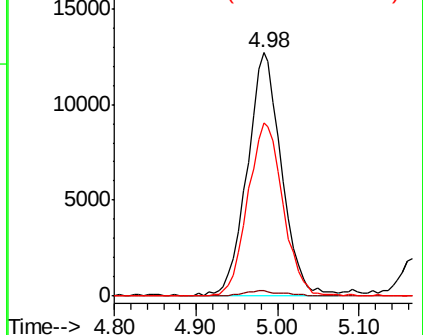
#28

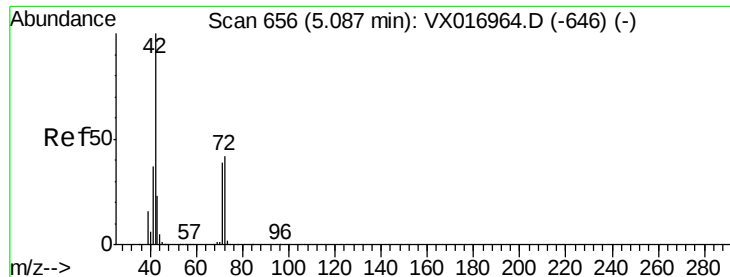
Bromochloromethane
Concen: 19.823 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion	49	Resp	37289
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	72.8	58.7	88.1



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

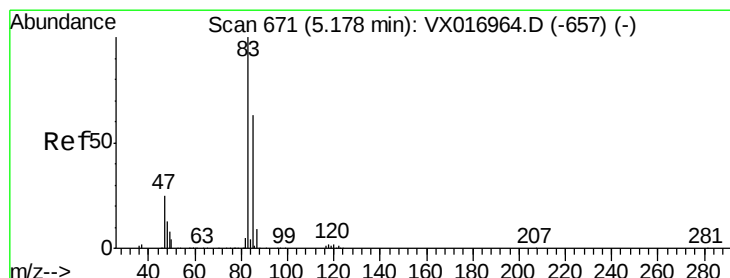
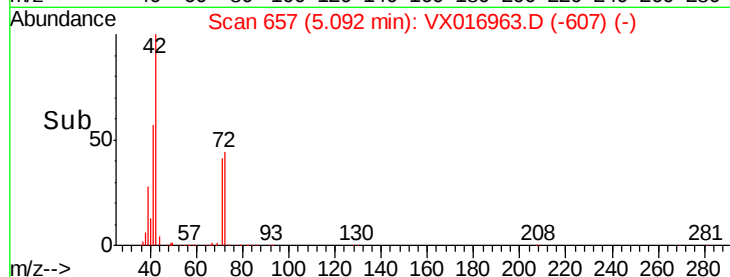
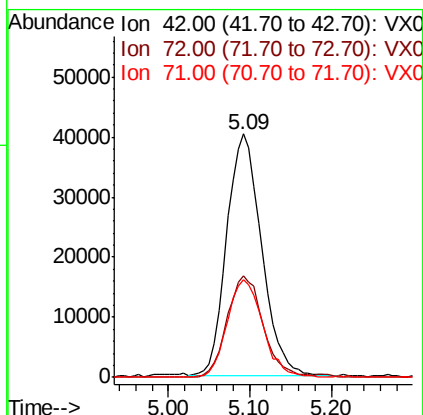
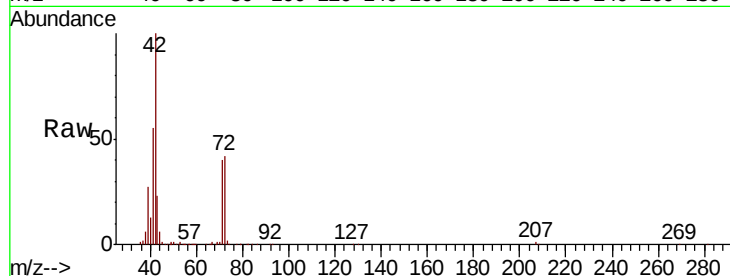




#29
Tetrahydrofuran
Concen: 109.918 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

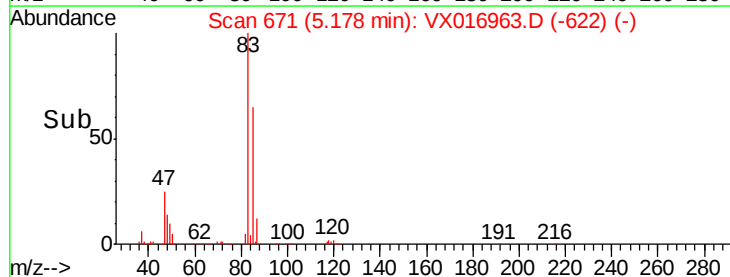
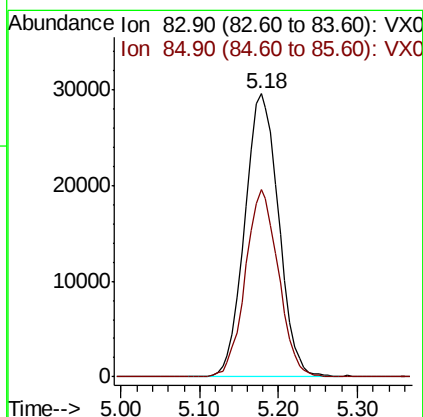
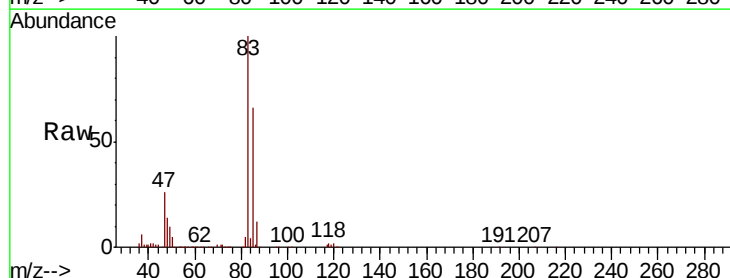
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

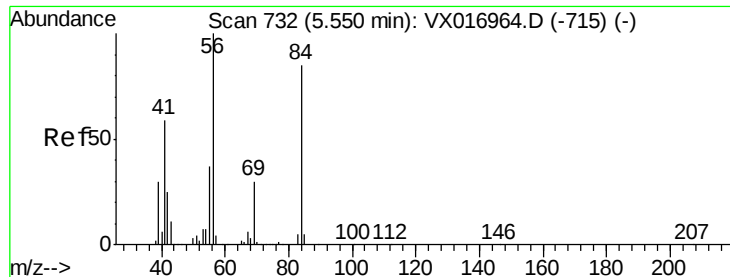
Tot Ion: 42 Resp: 118850
Ion Ratio Lower Upper
42 100
72 43.3 34.1 51.1
71 41.4 32.1 48.1



#30
Chloroform
Concen: 21.051 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion: 83 Resp: 88686
Ion Ratio Lower Upper
83 100
85 66.0 50.7 76.1

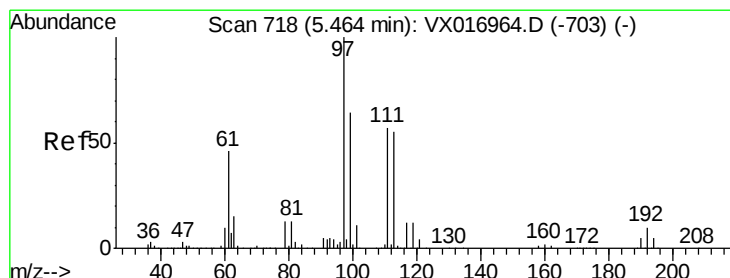
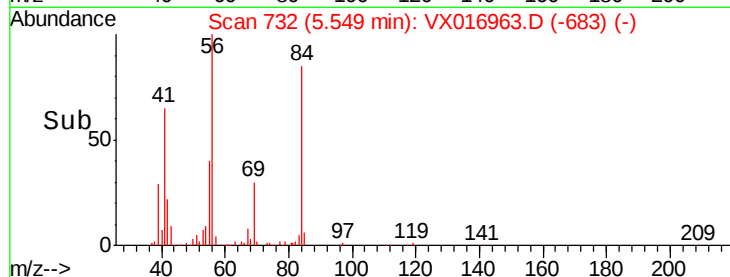
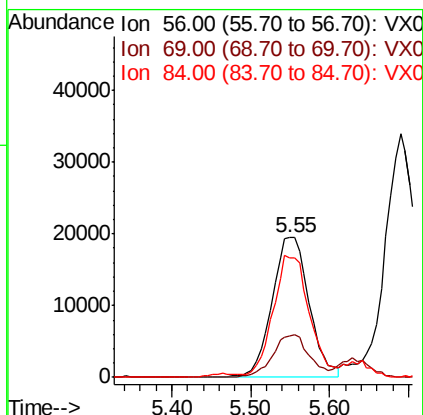
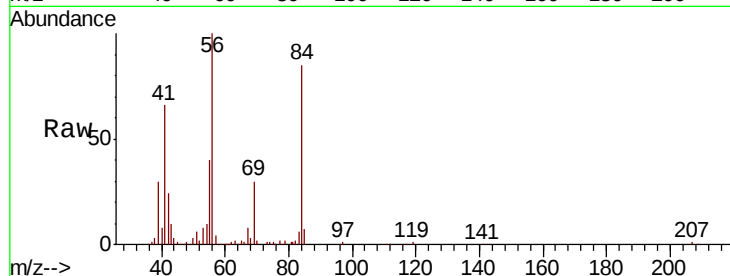




#31
Cyclohexane
Concen: 16.219 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

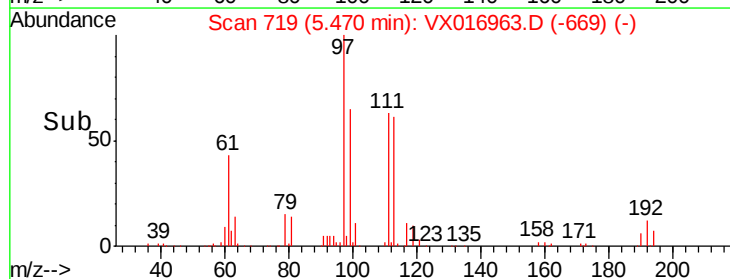
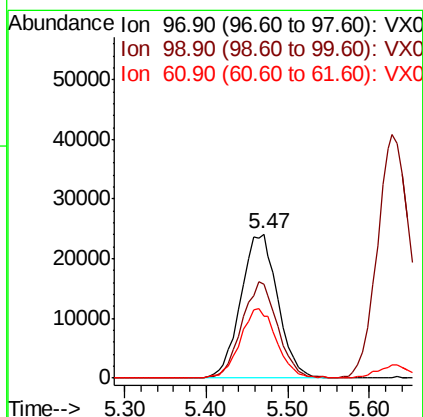
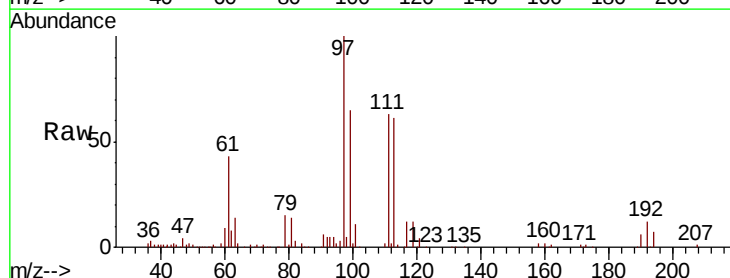
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

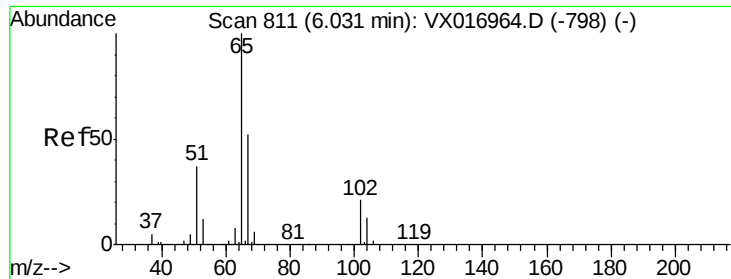
Tot Ion: 56 Resp: 63843
Ion Ratio Lower Upper
56 100
69 29.1 23.6 35.4
84 85.4 67.8 101.8



#32
1,1,1-Trichloroethane
Concen: 19.928 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion: 97 Resp: 75820
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.2
61 47.6 37.0 55.4





#33

1,2-Dichloroethane-d4

Concen: 22.280 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

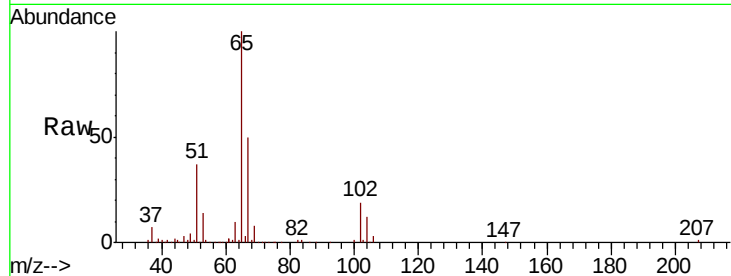
VSTDIC020

Tot Ion: 65 Resp: 60115

Ion Ratio Lower Upper

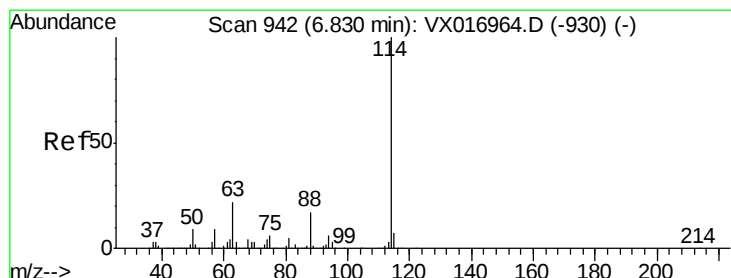
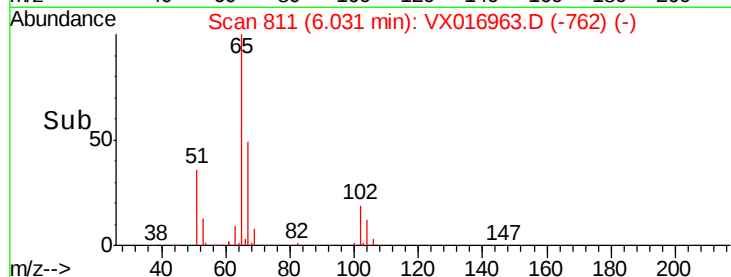
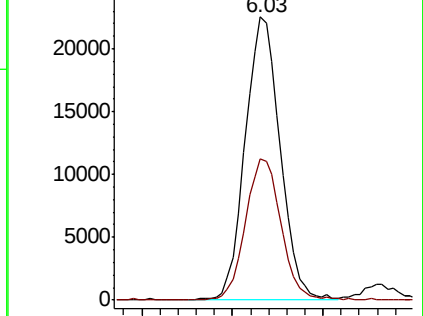
65 100

67 50.8 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

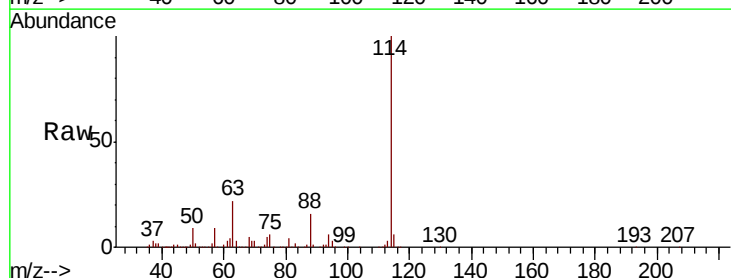
Tgt Ion: 114 Resp: 339339

Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.4

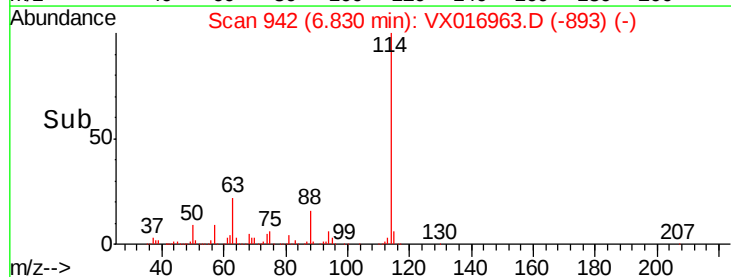
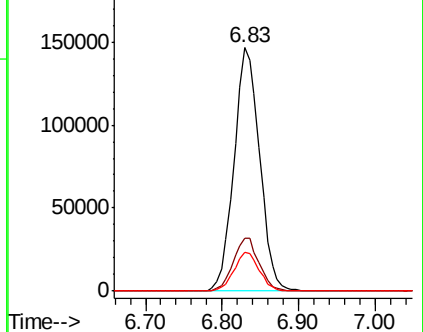
88 16.1 0.0 33.2

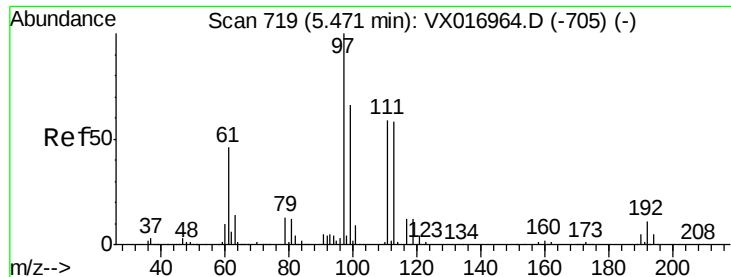


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

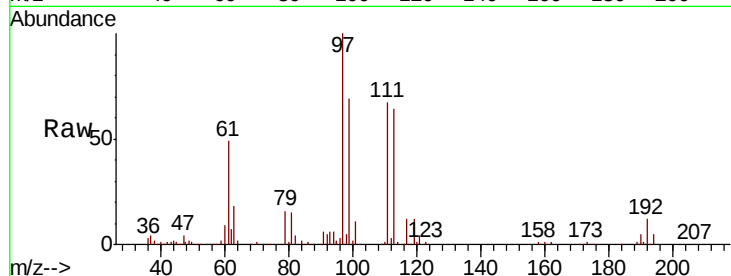




#35
 Dibromofluoromethane
 Concen: 23.103 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX016963.D
 Acq: 25 Jun 2020 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	84.3	126.5
192	19.2	15.2	22.8

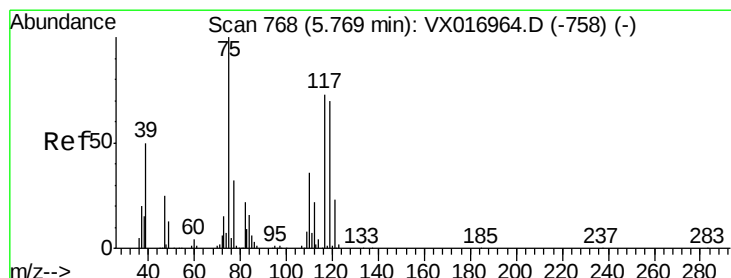
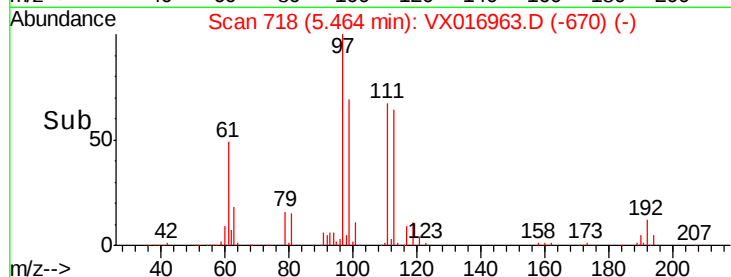
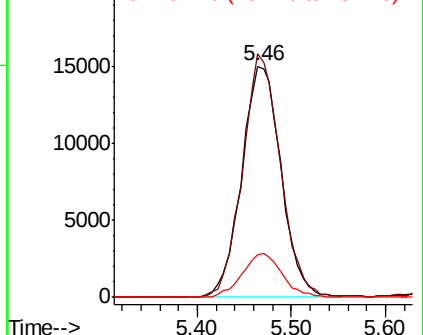


Abundance

Ion 112.80 (112.50 to 113.50): V

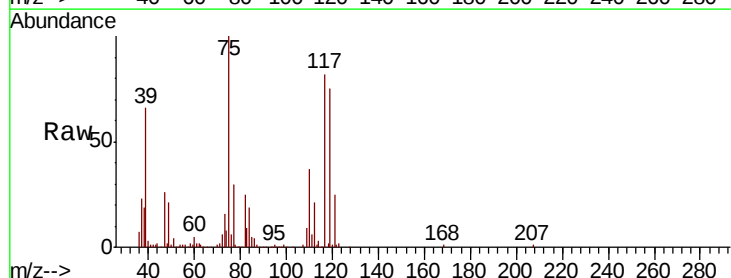
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 18.691 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016963.D
 Acq: 25 Jun 2020 19:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	17.2	51.6
77	31.0	24.7	37.1

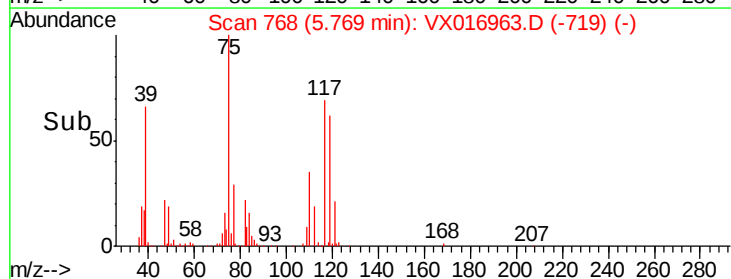
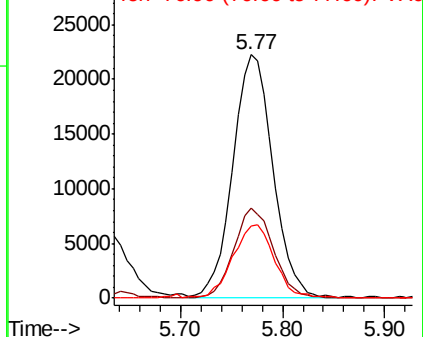


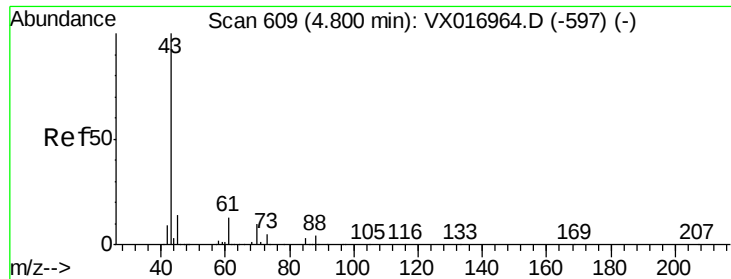
Abundance

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

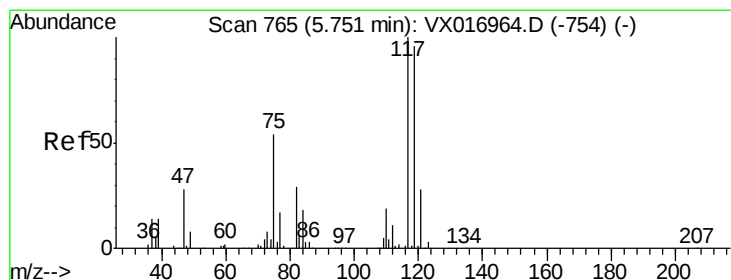
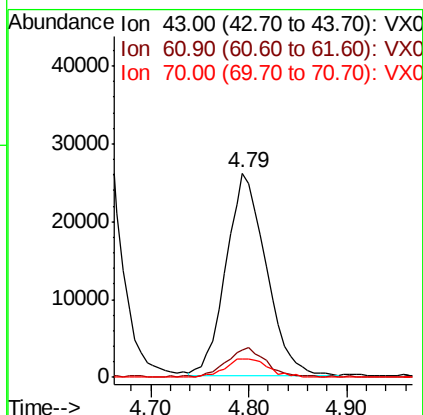
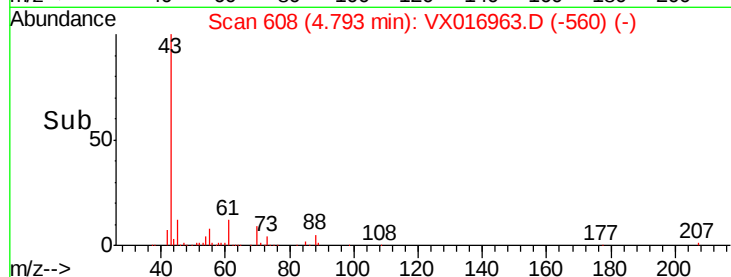
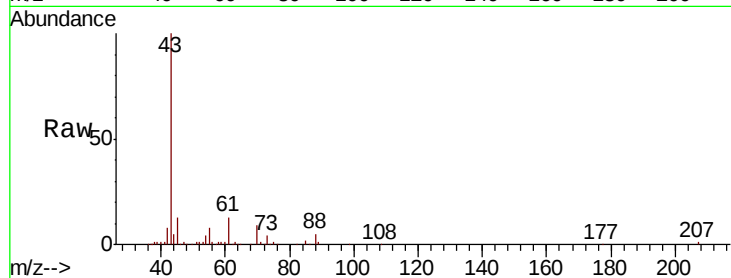




#37
Ethyl Acetate
Concen: 22.156 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

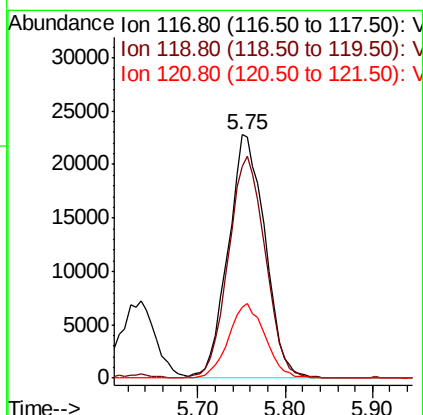
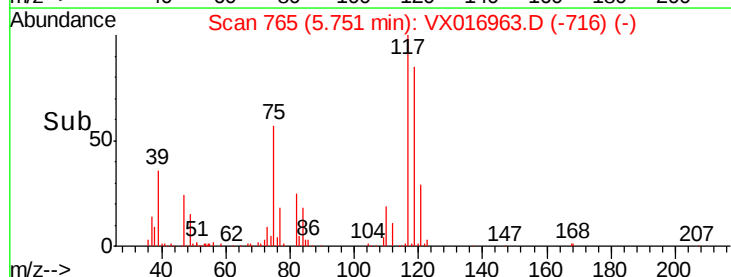
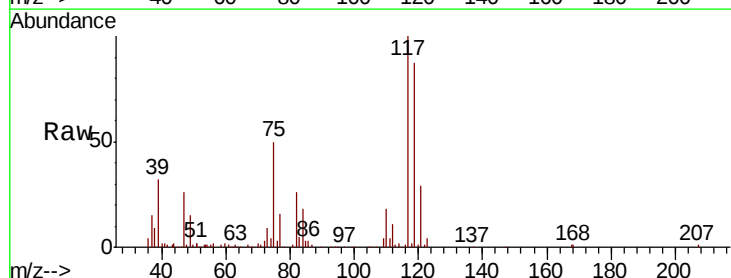
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

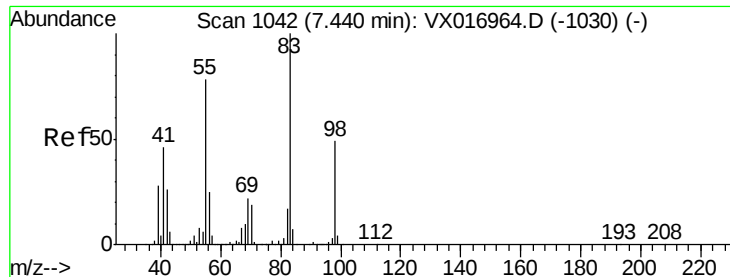
Tot Ion: 43 Resp: 73572
Ion Ratio Lower Upper
43 100
61 15.0 10.8 16.2
70 10.1 8.0 12.0



#38
Carbon Tetrachloride
Concen: 21.761 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion: 117 Resp: 66688
Ion Ratio Lower Upper
117 100
119 86.8 76.6 114.8
121 29.1 22.5 33.7

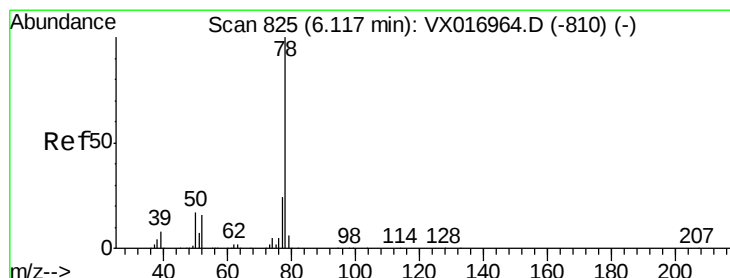
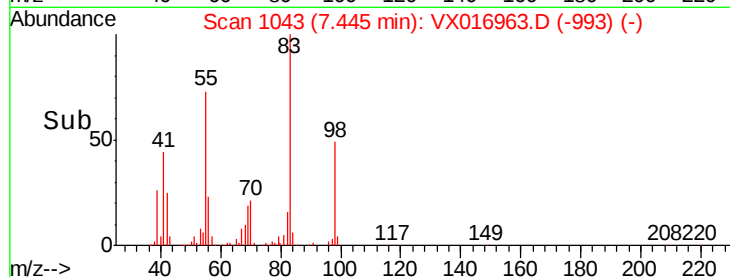
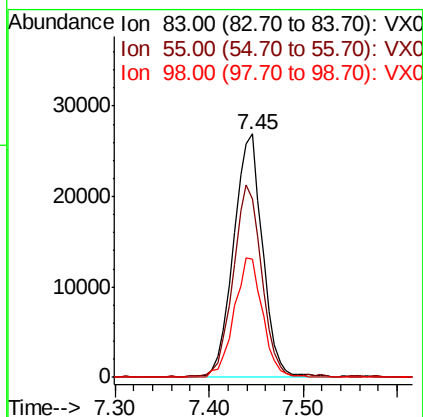
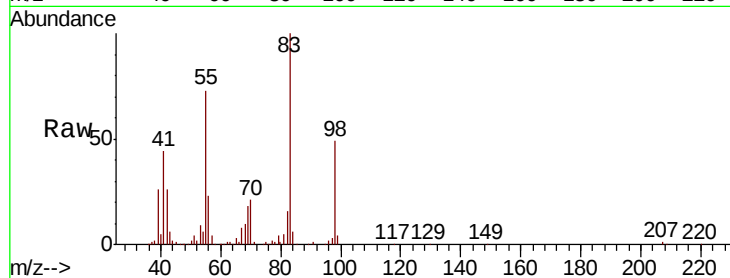




#39
Methvlcvclohexane
Concen: 14.802 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

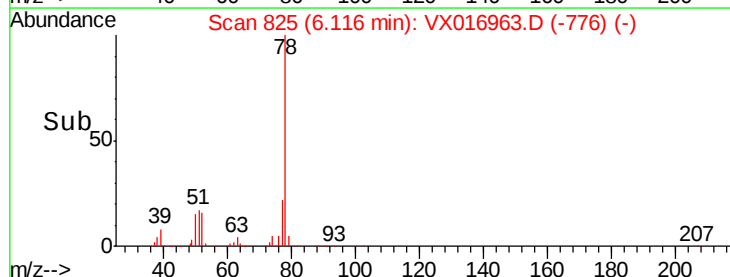
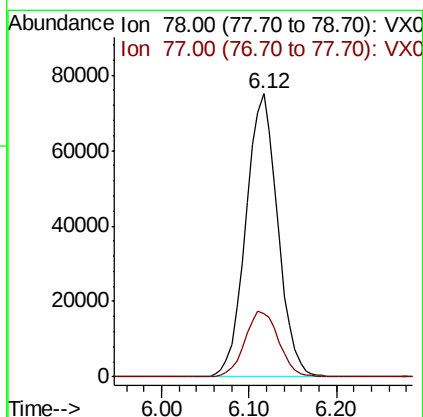
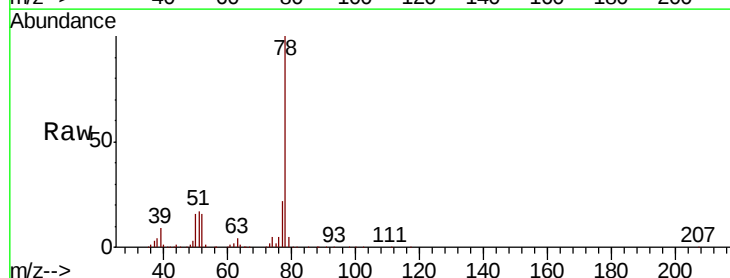
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

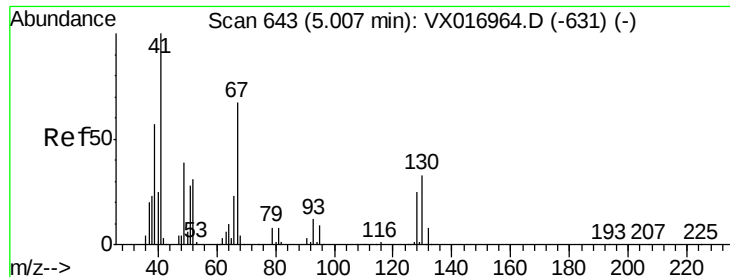
Tot Ion: 83 Resp: 57721
Ion Ratio Lower Upper
83 100
55 72.7 62.4 93.6
98 48.5 39.4 59.0



#40
Benzene
Concen: 20.096 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion: 78 Resp: 190615
Ion Ratio Lower Upper
78 100
77 22.4 18.9 28.3





#41

Methacrylonitrile

Concen: 21.038 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 41 Resp: 39337

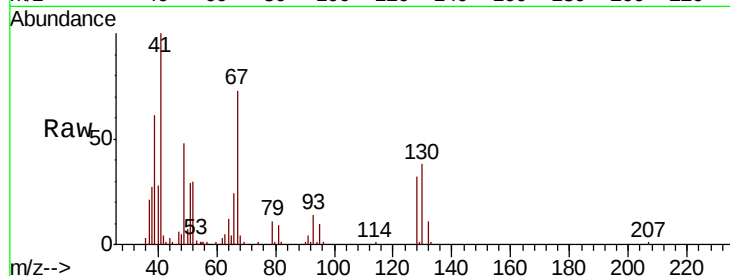
Ion Ratio Lower Upper

41 100

39 56.9 46.6 70.0

67 69.7 57.0 85.6

52 32.0 25.0 37.4

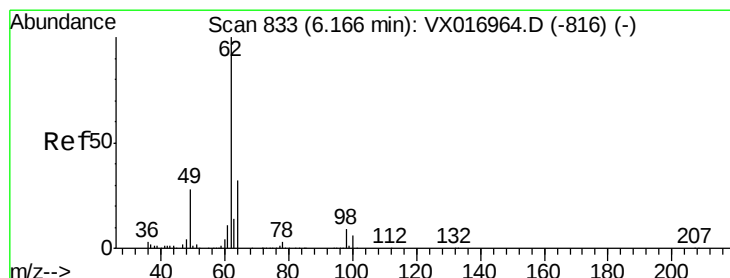
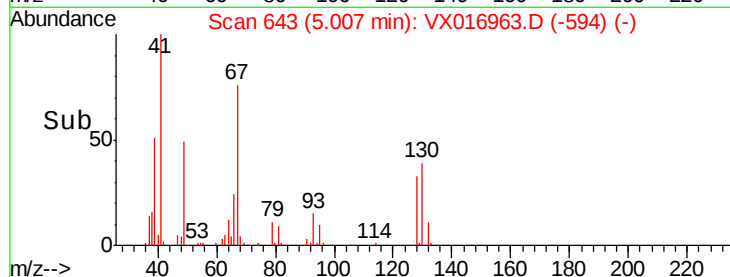
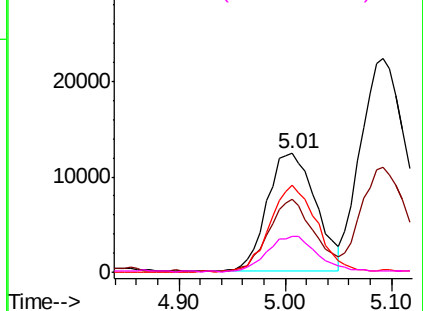


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 22.779 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX016963.D

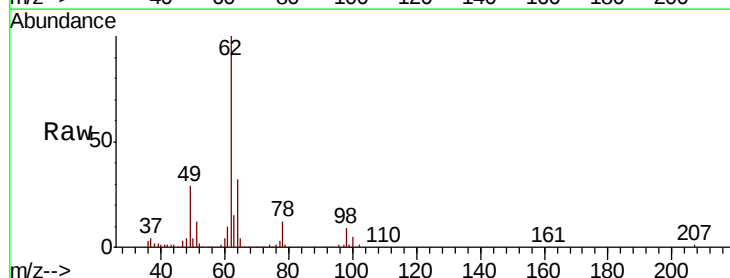
Acq: 25 Jun 2020 19:37

Tgt Ion: 62 Resp: 77349

Ion Ratio Lower Upper

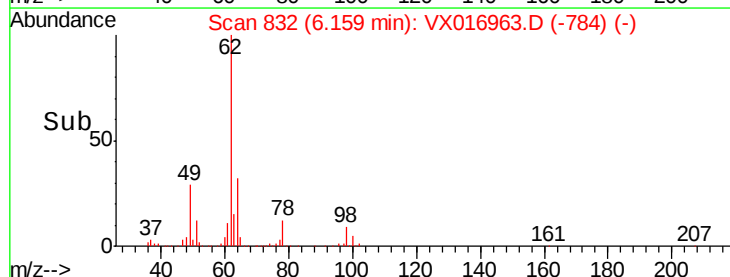
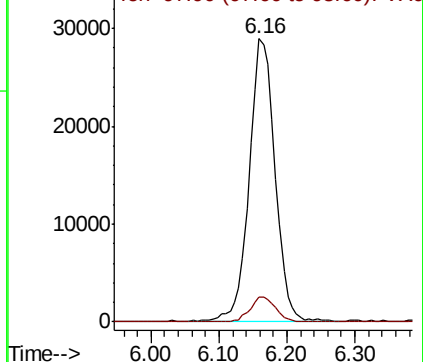
62 100

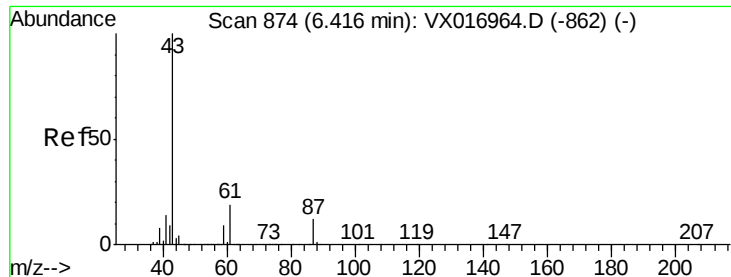
98 8.7 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



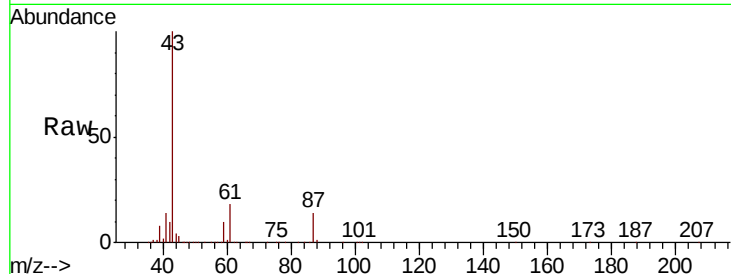


#43

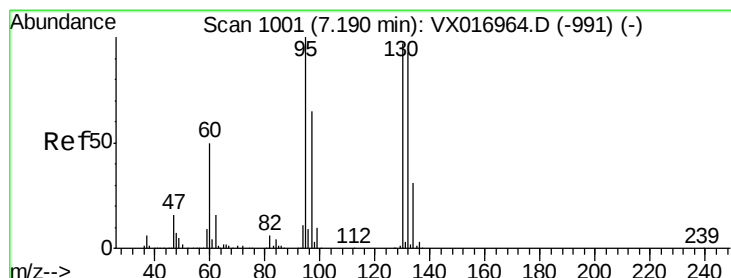
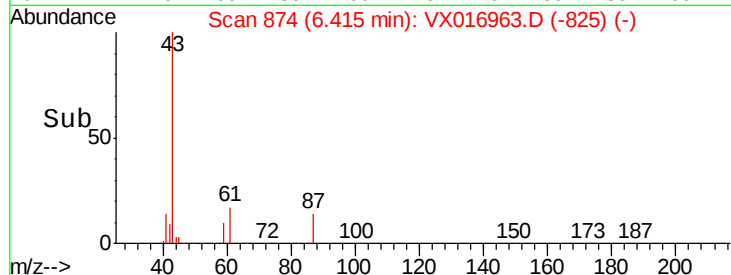
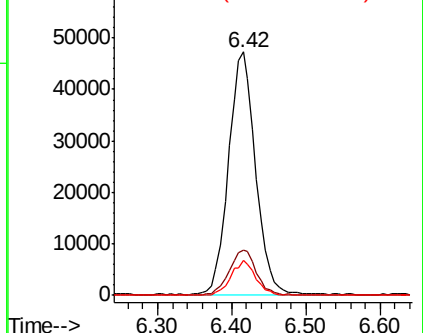
Isopropyl Acetate
 Concen: 21.802 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016963.D
 Acq: 25 Jun 2020 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion: 43 Resp: 118809
 Ion Ratio Lower Upper
 43 100
 61 19.2 15.0 22.6
 87 13.1 10.0 15.0



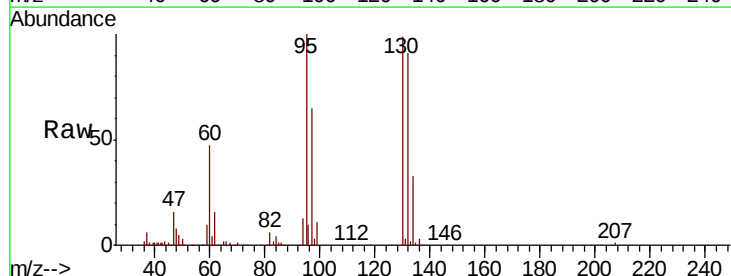
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



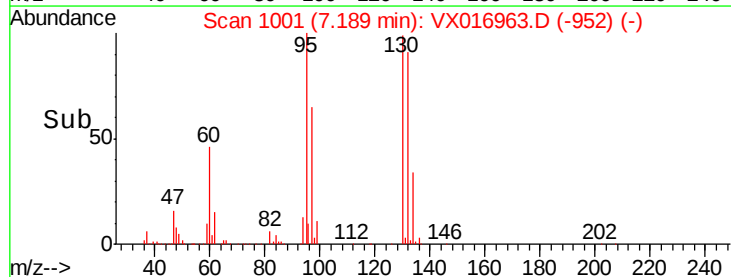
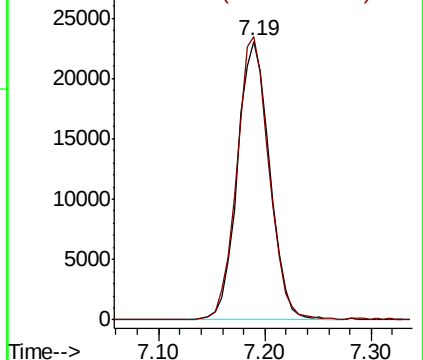
#44

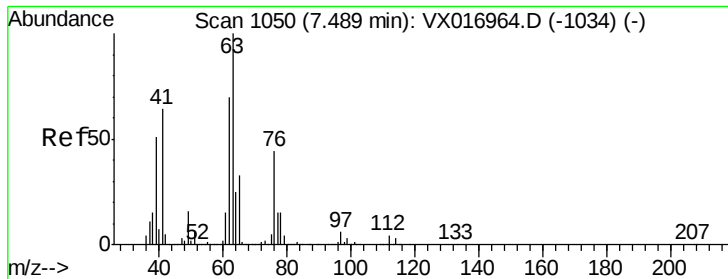
Trichloroethene
 Concen: 17.180 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016963.D
 Acq: 25 Jun 2020 19:37

Tgt Ion:130 Resp: 49084
 Ion Ratio Lower Upper
 130 100
 95 101.5 0.0 206.6



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

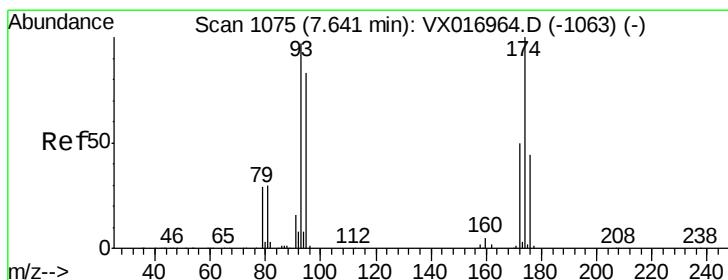
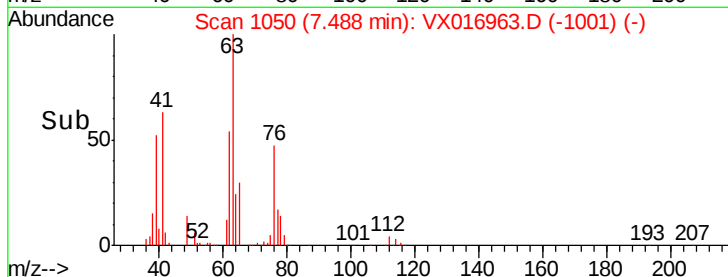
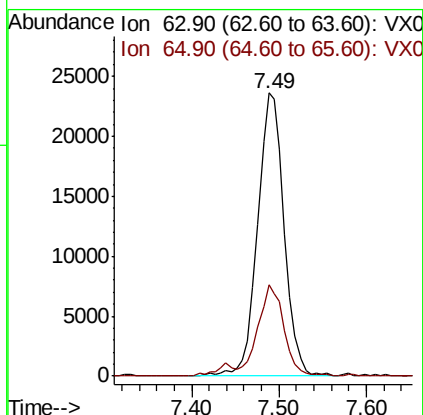
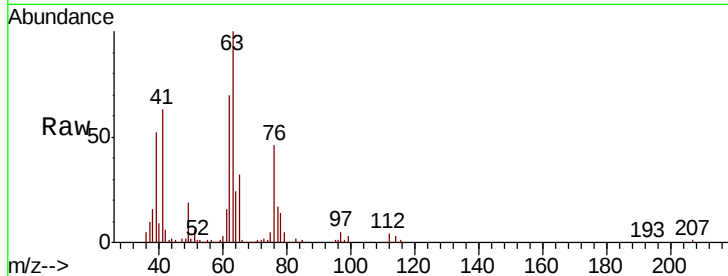




#45
 1,2-Dichloropropane
 Concen: 20.508 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016963.D
 Acq: 25 Jun 2020 19:37

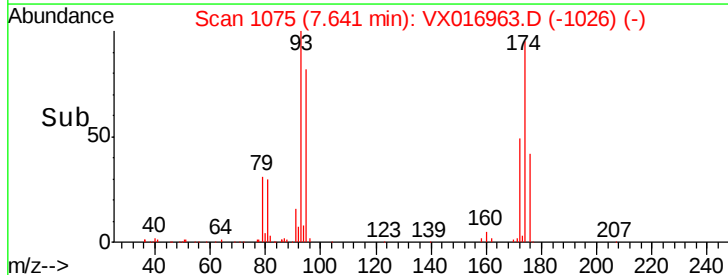
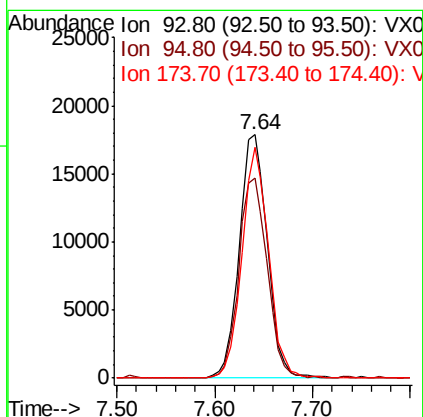
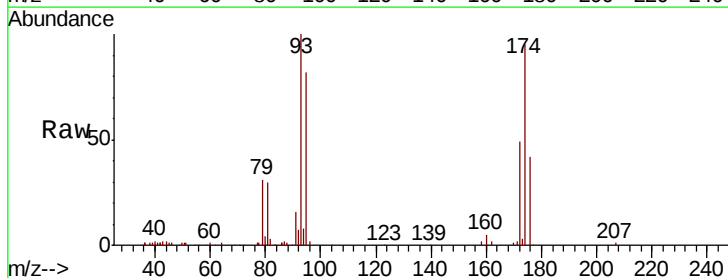
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

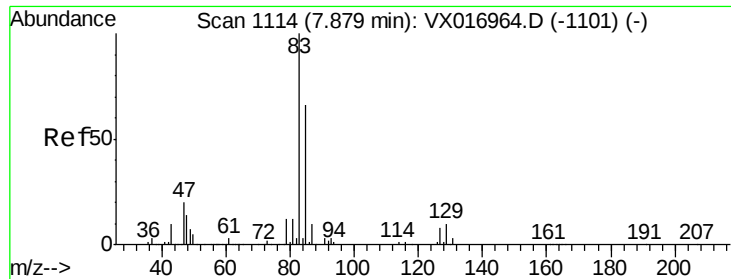
Tot Ion: 63 Resp: 49966
 Ion Ratio Lower Upper
 63 100
 65 32.2 26.1 39.1



#46
 Dibromomethane
 Concen: 21.785 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016963.D
 Acq: 25 Jun 2020 19:37

Tgt Ion: 93 Resp: 35575
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.5 101.3
 174 89.9 75.0 112.4

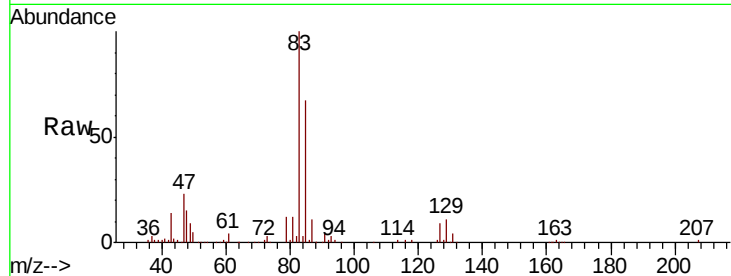




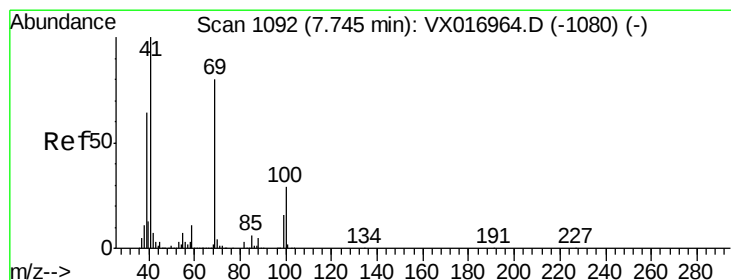
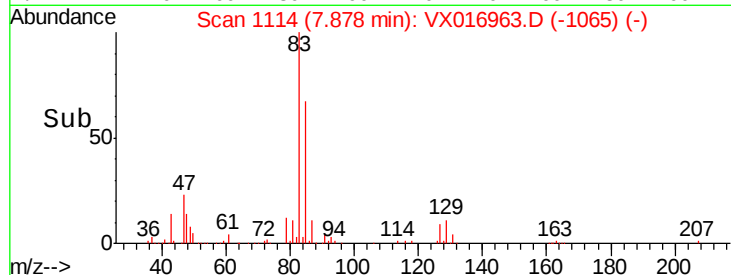
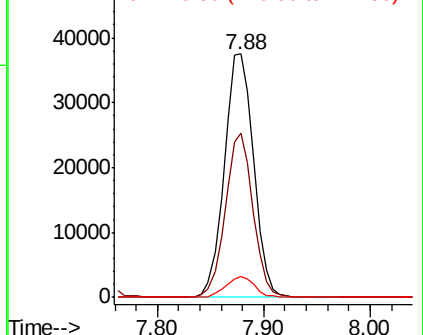
#47
Bromodichloromethane
Concen: 21.595 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 83 Resp: 72241
Ion Ratio Lower Upper
83 100
85 67.1 53.1 79.7
127 8.8 6.8 10.2

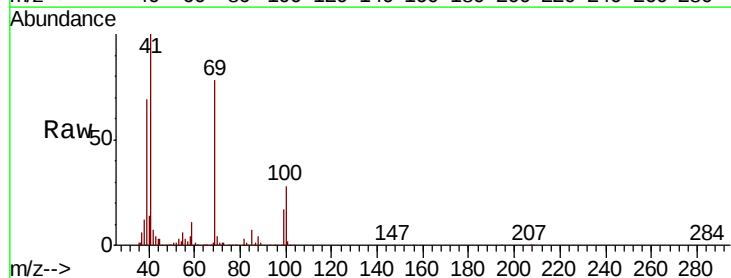


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V

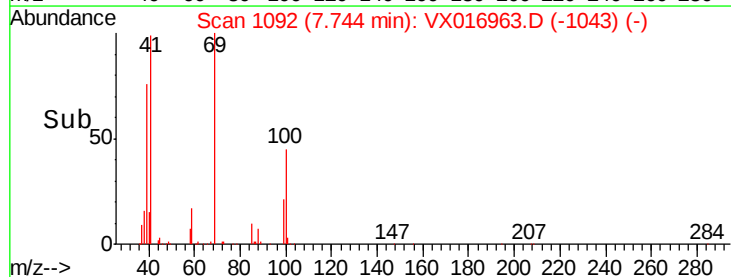
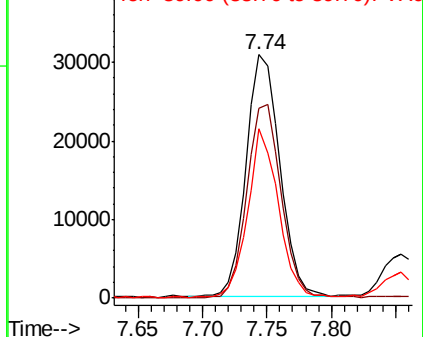


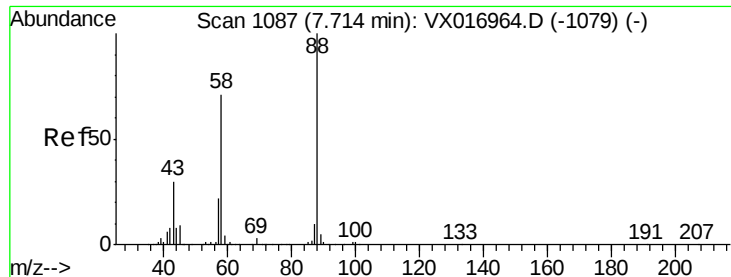
#48
Methyl methacrylate
Concen: 20.889 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion: 41 Resp: 55913
Ion Ratio Lower Upper
41 100
69 80.5 62.7 94.1
39 62.6 49.6 74.4



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

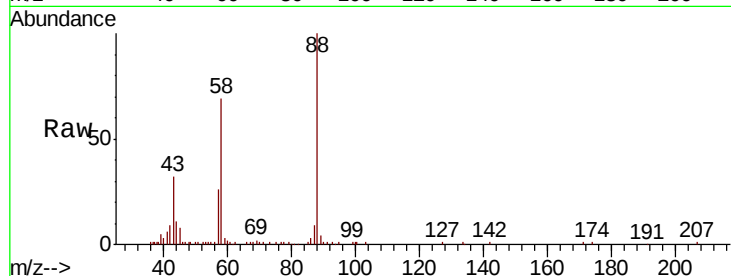




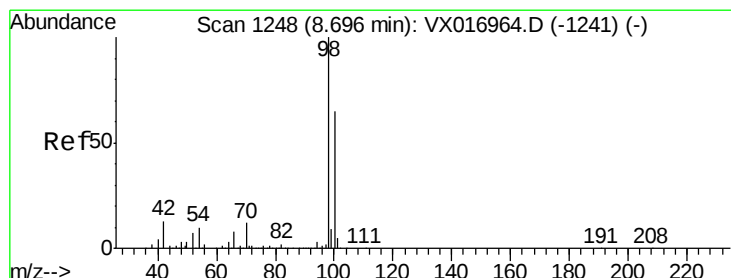
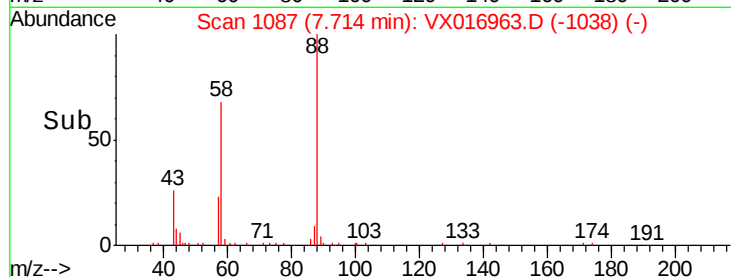
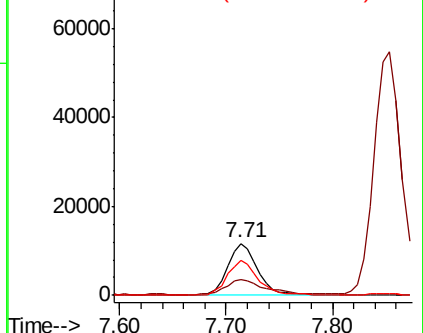
#49
1,4-Dioxane
Concen: 393.883 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 88 Resp: 23034
Ion Ratio Lower Upper
88 100
43 37.2 28.1 42.1
58 70.8 56.1 84.1

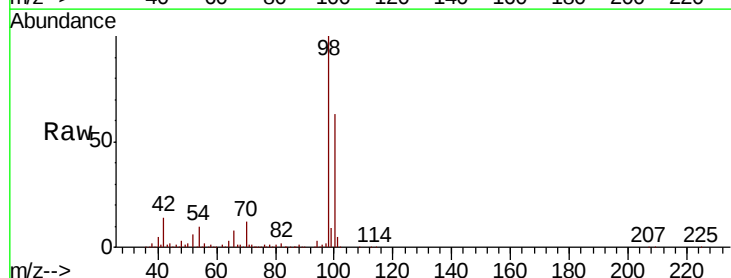


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

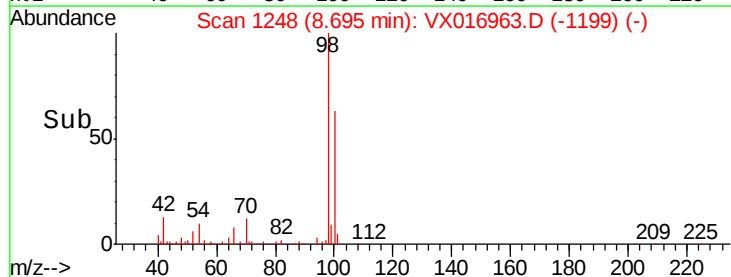
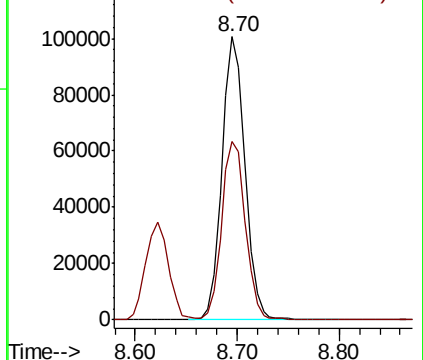


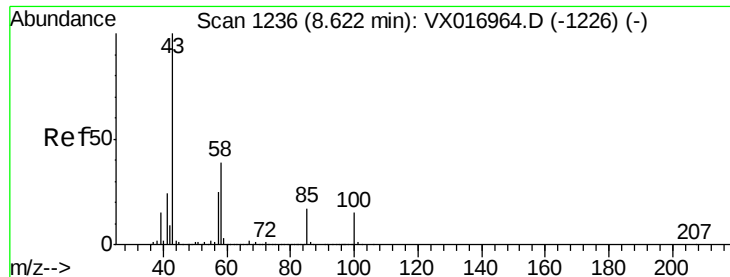
#50
Toluene-d8
Concen: 19.945 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion: 98 Resp: 157873
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

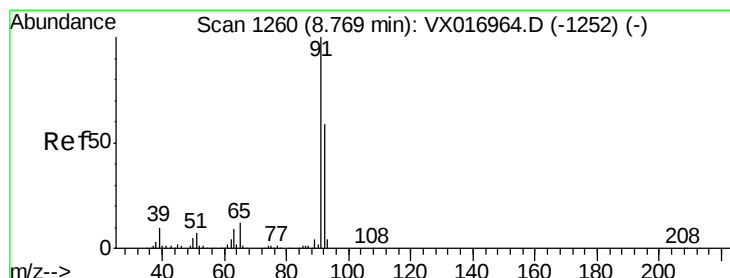
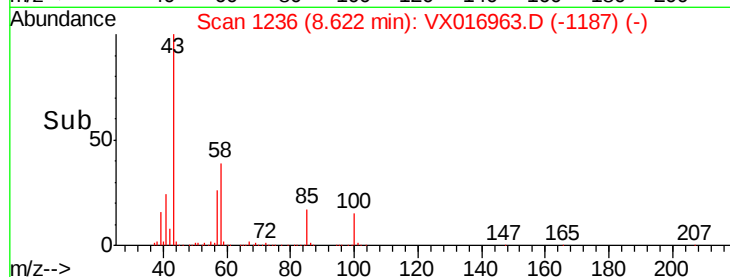
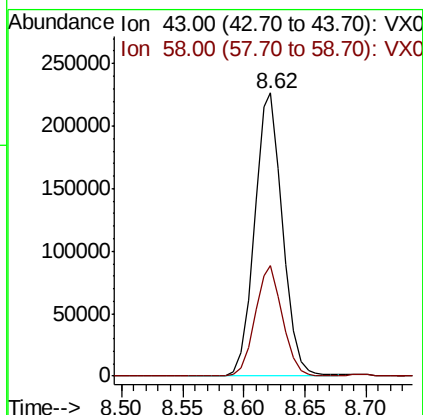
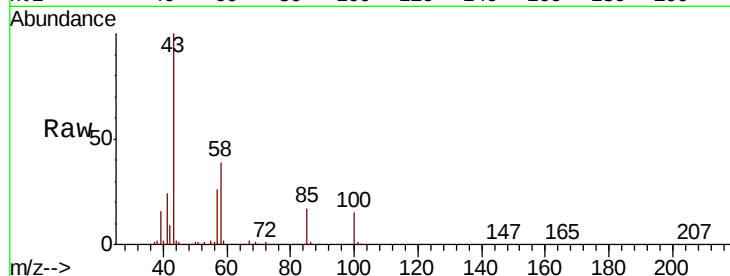




#51
4-Methyl-2-Pentanone
Concen: 112.083 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

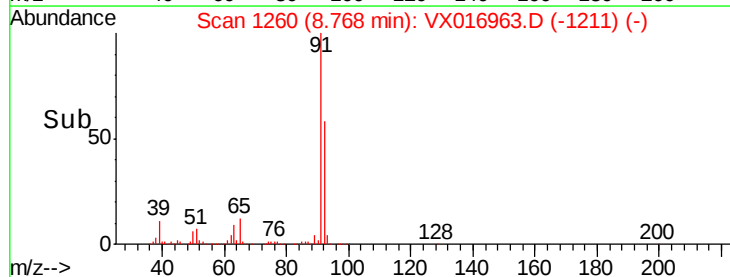
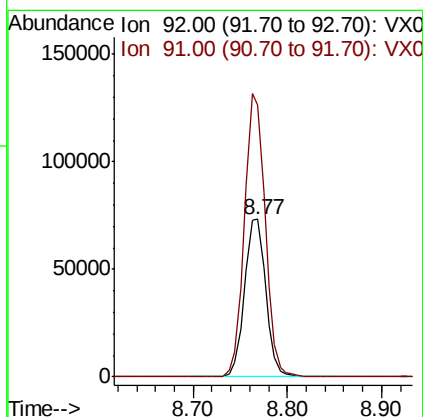
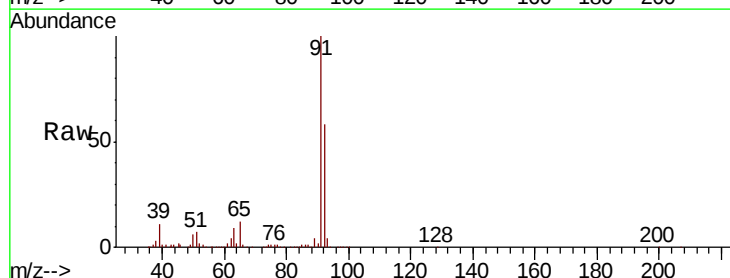
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

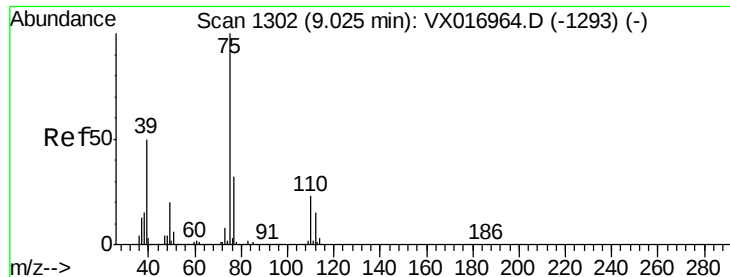
Tot Ion: 43 Resp: 357809
Ion Ratio Lower Upper
43 100
58 38.4 30.4 45.6



#52
Toluene
Concen: 19.329 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion: 92 Resp: 116031
Ion Ratio Lower Upper
92 100
91 175.3 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 19.518 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

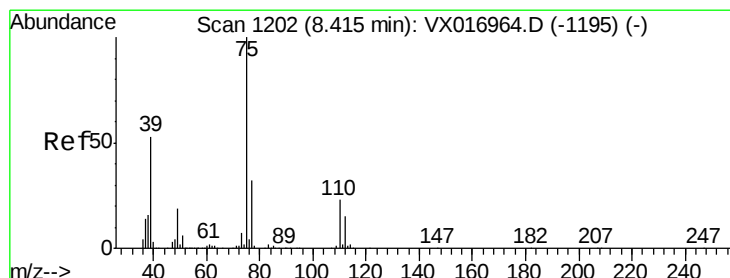
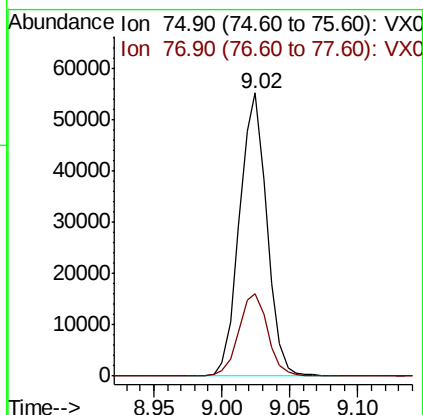
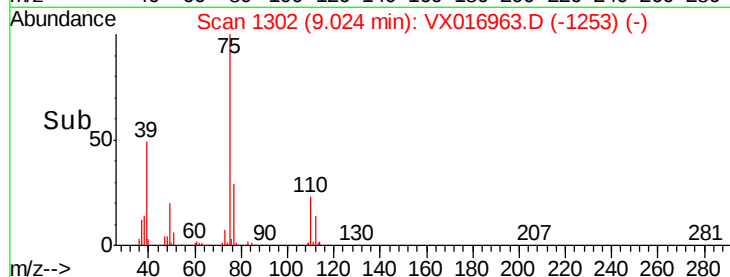
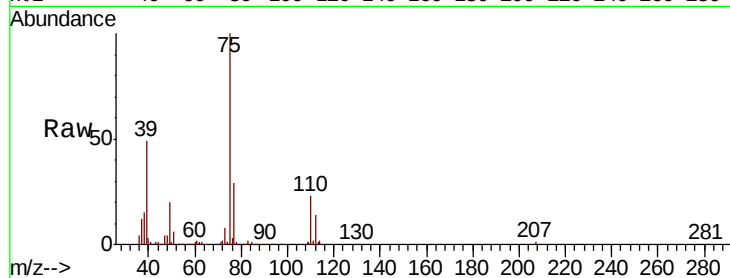
VSTDIC020

Tot Ion: 75 Resp: 77360

Ion Ratio Lower Upper

75 100

77 29.3 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 19.915 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

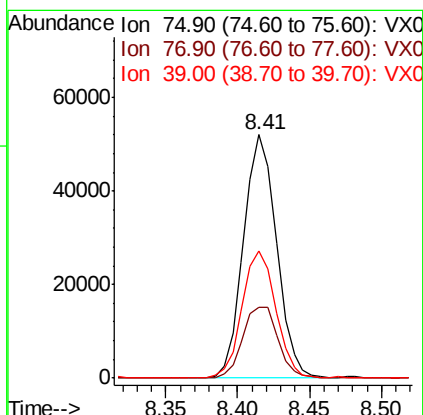
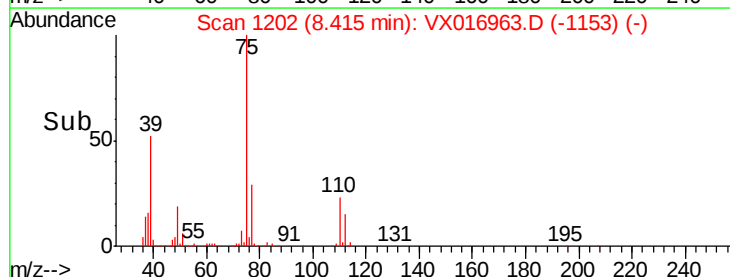
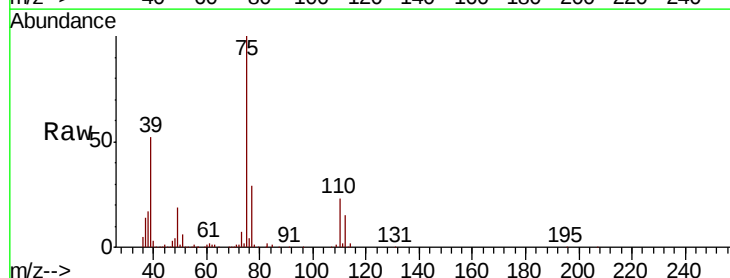
Tgt Ion: 75 Resp: 82525

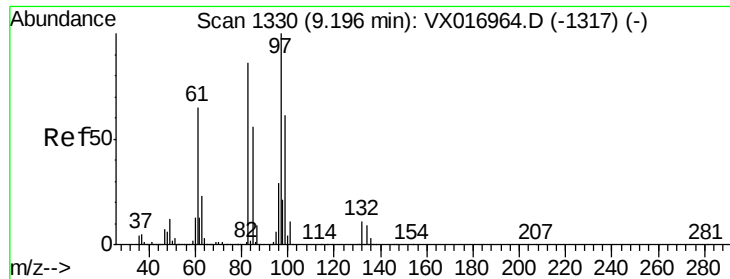
Ion Ratio Lower Upper

75 100

77 29.1 25.7 38.5

39 52.1 42.7 64.1

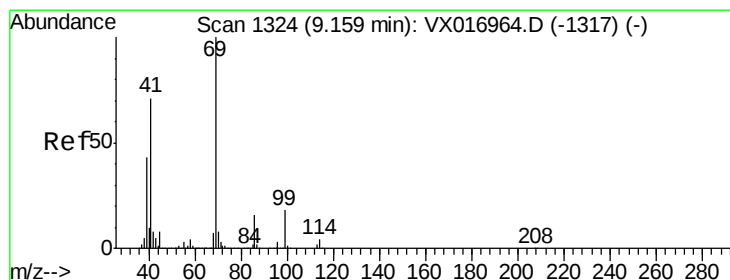
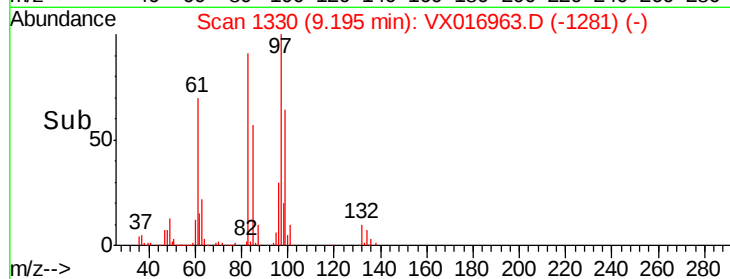
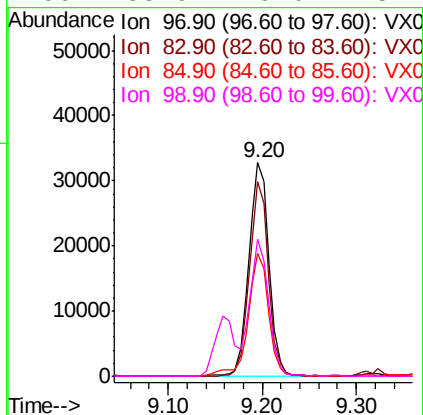
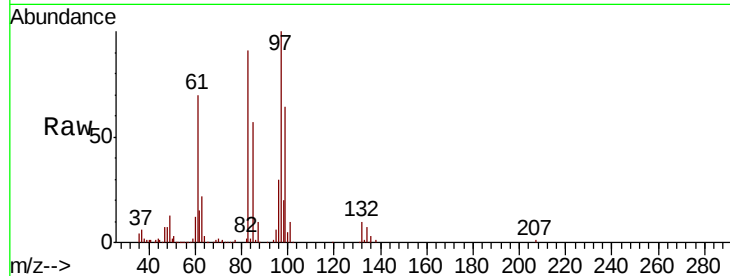




#55
 1,1,2-Trichloroethane
 Concen: 20.425 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016963.D
 Acq: 25 Jun 2020 19:37

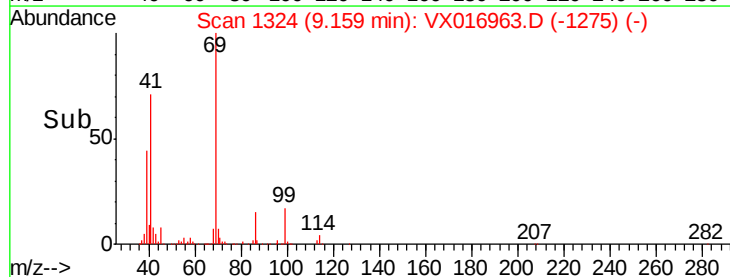
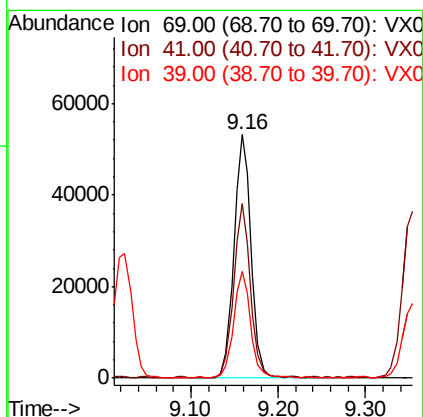
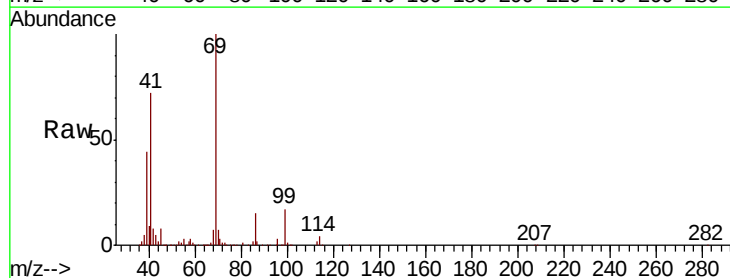
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

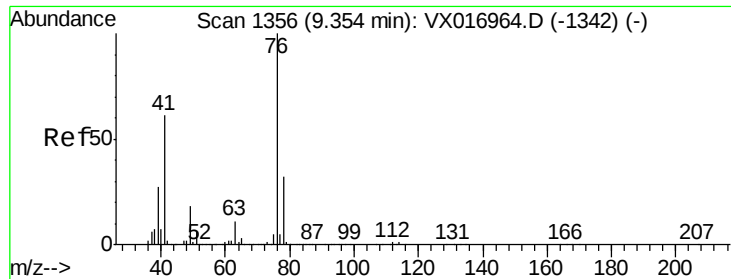
Tot Ion:	97	Resp:	49003
Ion	Ratio	Lower	Upper
97	100		
83	90.9	68.6	103.0
85	57.5	44.5	66.7
99	63.9	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 19.117 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016963.D
 Acq: 25 Jun 2020 19:37

Tgt Ion:	69	Resp:	73456
Ion	Ratio	Lower	Upper
69	100		
41	69.5	55.9	83.9
39	42.8	34.6	51.8





#57

1,3-Dichloropropane

Concen: 20.645 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

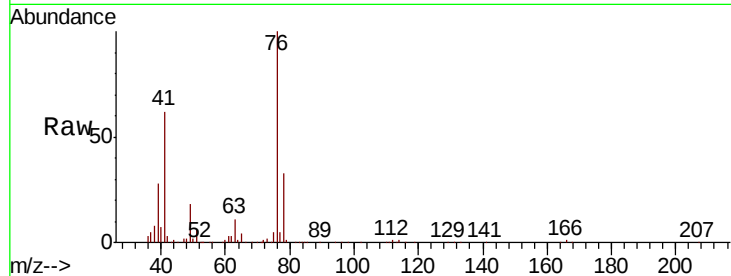
VSTDIC020

Tot Ion: 76 Resp: 84729

Ion Ratio Lower Upper

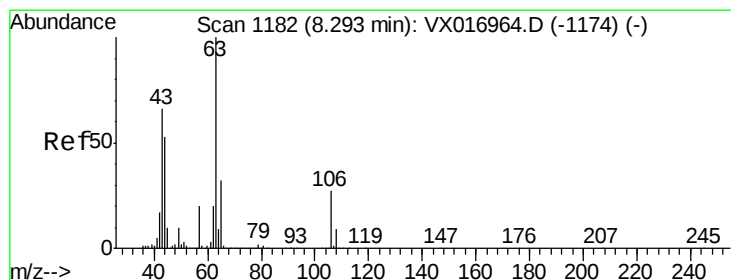
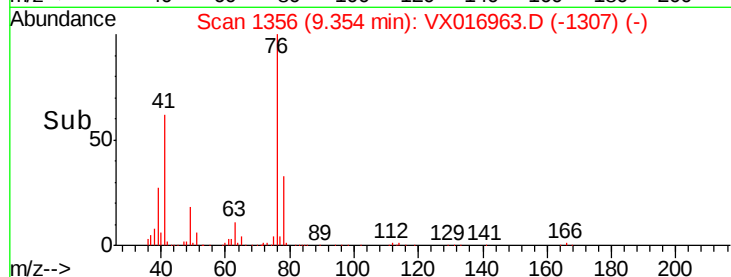
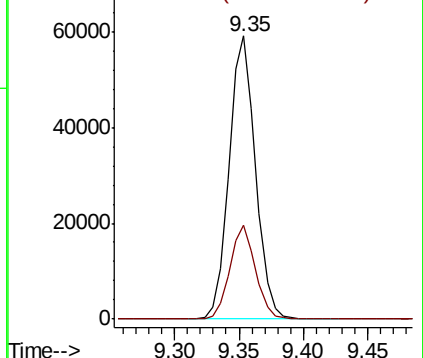
76 100

78 32.4 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 99.245 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016963.D

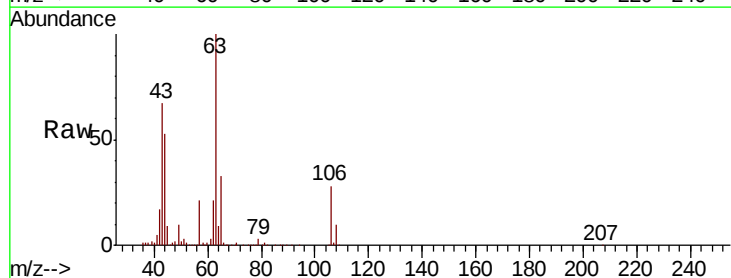
Acq: 25 Jun 2020 19:37

Tgt Ion: 63 Resp: 189660

Ion Ratio Lower Upper

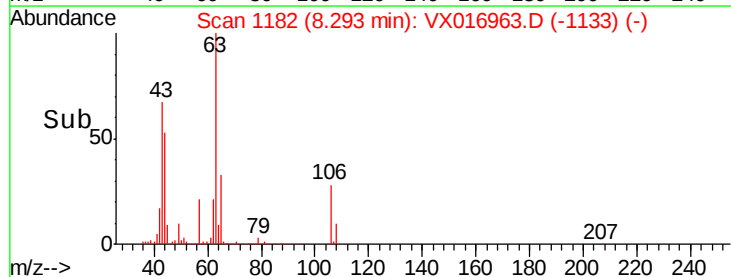
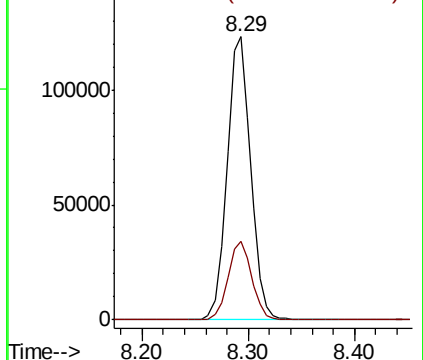
63 100

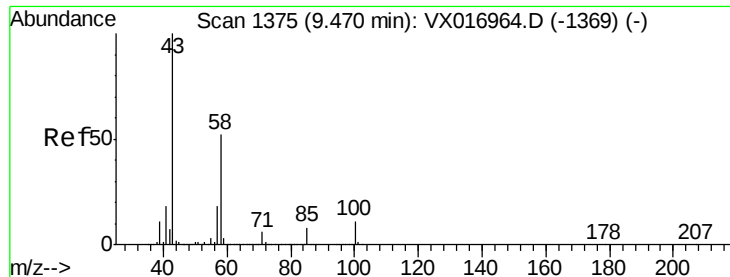
106 28.1 22.1 33.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

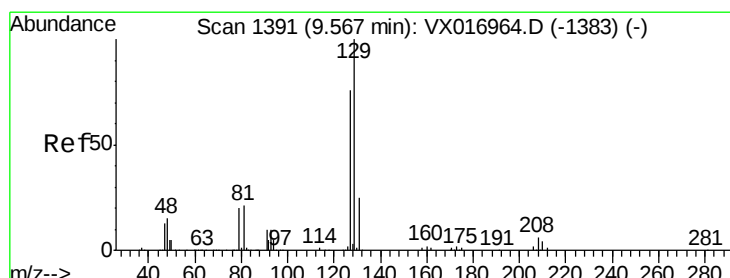
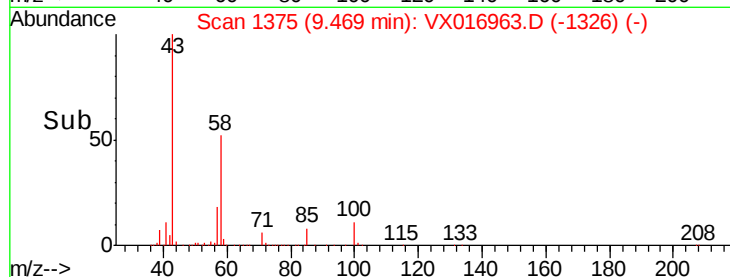
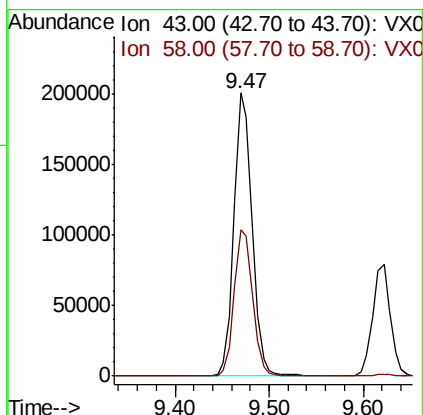
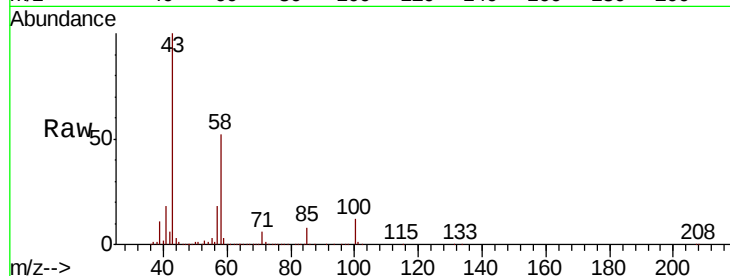




#59
2-Hexanone
Concen: 110.613 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

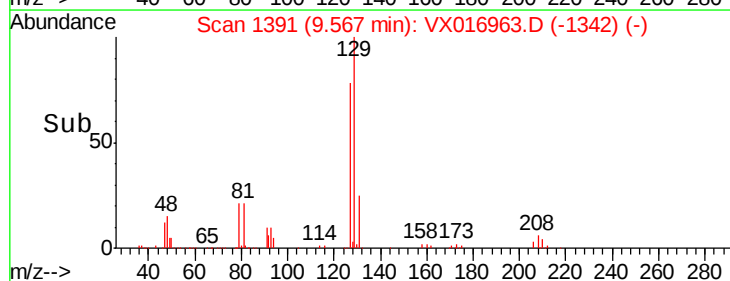
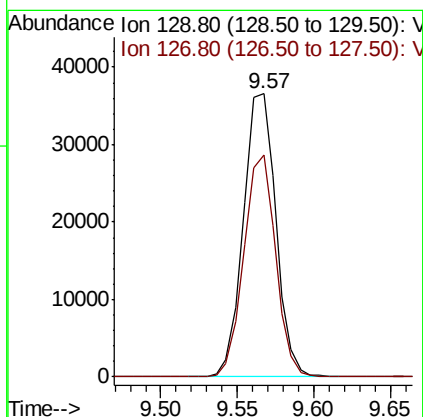
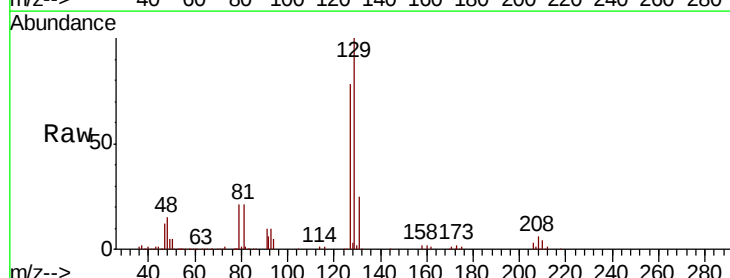
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

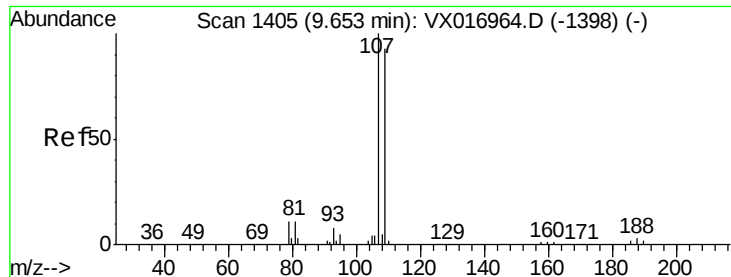
Tot Ion: 43 Resp: 267759
Ion Ratio Lower Upper
43 100
58 52.8 26.3 78.9



#60
Dibromochloromethane
Concen: 22.254 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion: 129 Resp: 54236
Ion Ratio Lower Upper
129 100
127 76.6 38.0 114.0

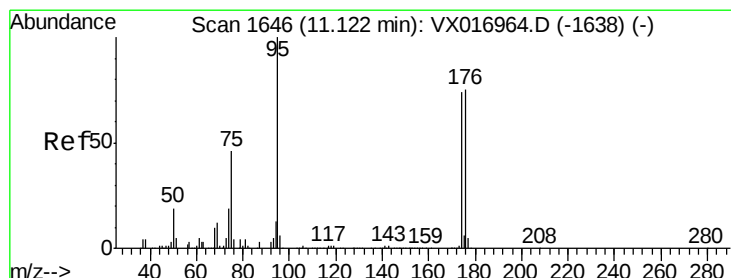
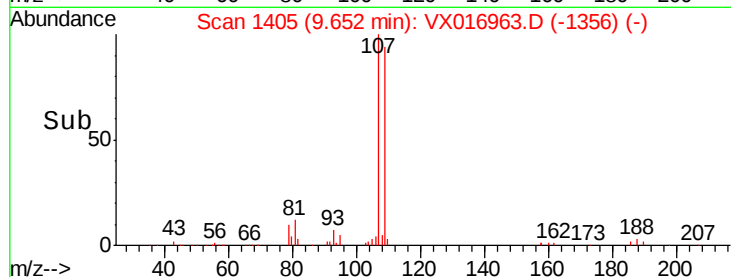
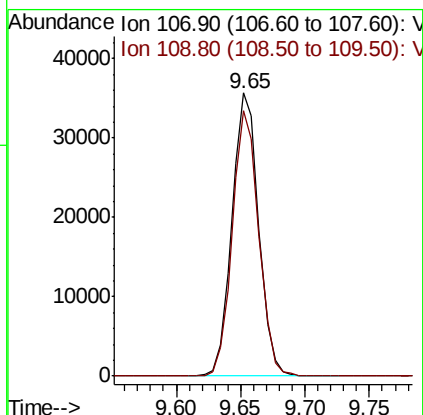
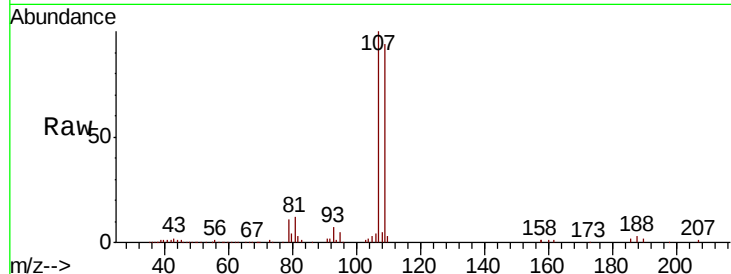




#61
 1,2-Dibromoethane
 Concen: 20.713 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016963.D
 Acq: 25 Jun 2020 19:37

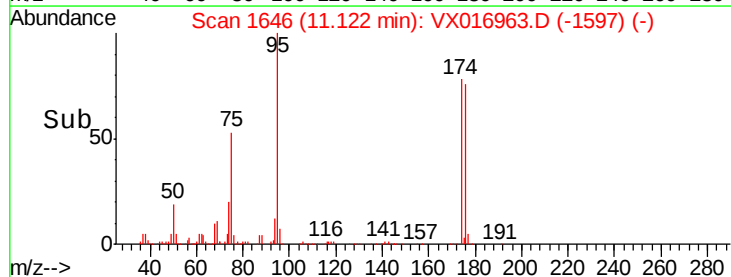
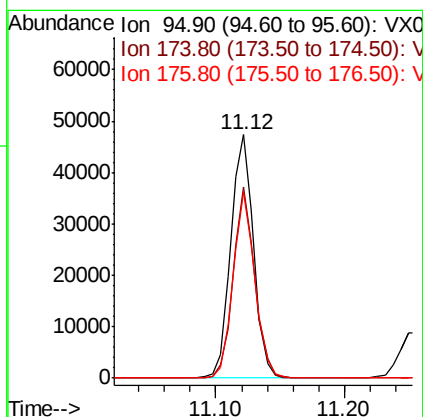
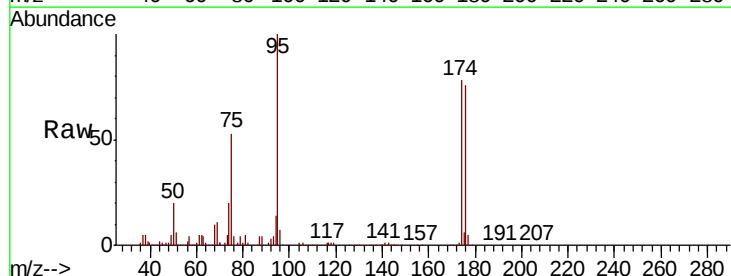
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

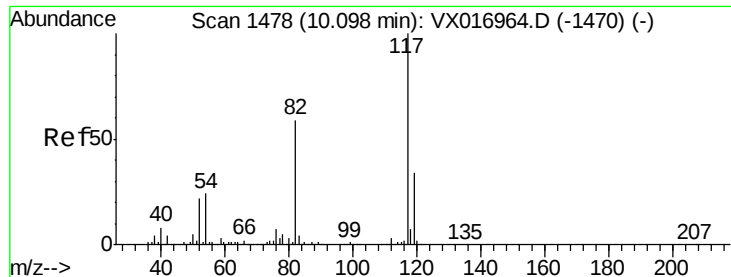
Tot Ion:107 Resp: 51663
 Ion Ratio Lower Upper
 107 100
 109 92.9 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 18.433 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016963.D
 Acq: 25 Jun 2020 19:37

Tgt Ion: 95 Resp: 58826
 Ion Ratio Lower Upper
 95 100
 174 73.6 0.0 149.6
 176 73.1 0.0 148.2

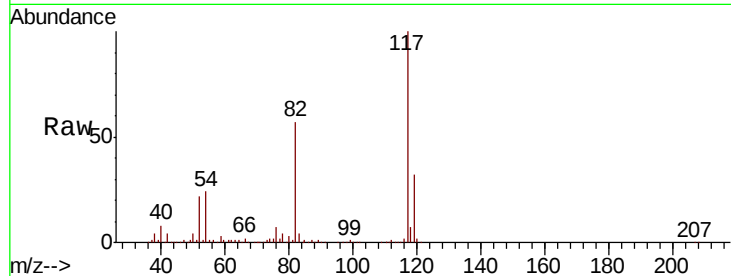




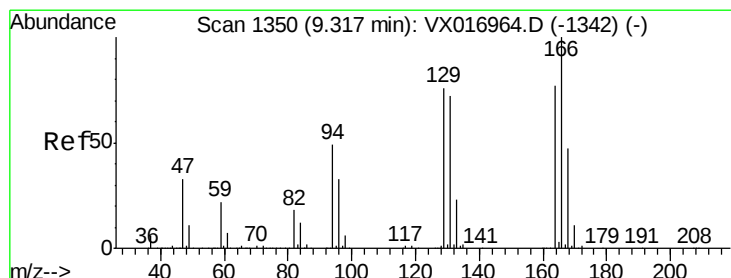
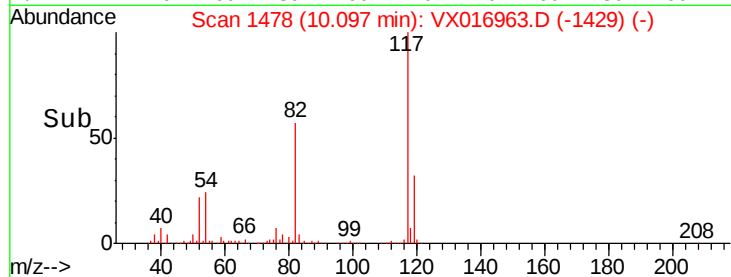
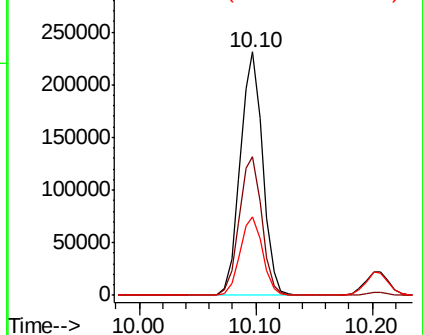
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:117 Resp: 311106
Ion Ratio Lower Upper
117 100
82 57.0 46.8 70.2
119 32.1 27.3 40.9

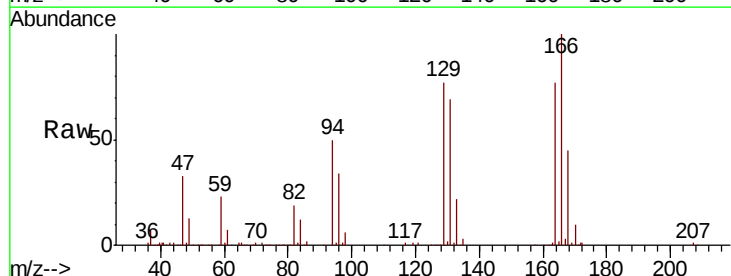


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

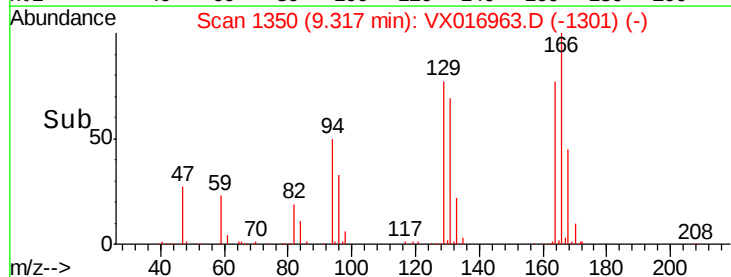
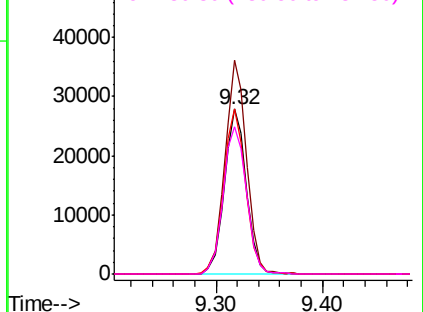


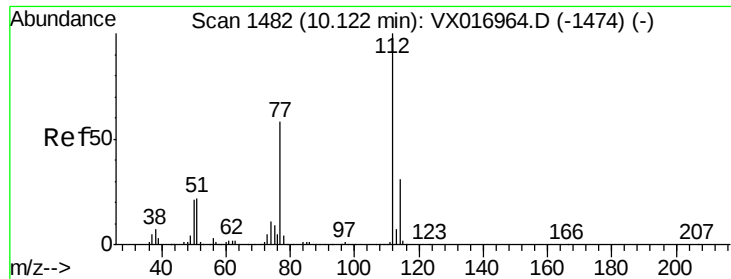
#64
Tetrachloroethene
Concen: 13.601 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion:164 Resp: 39912
Ion Ratio Lower Upper
164 100
166 129.8 104.2 156.4
129 100.3 79.3 118.9
131 89.9 74.9 112.3



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

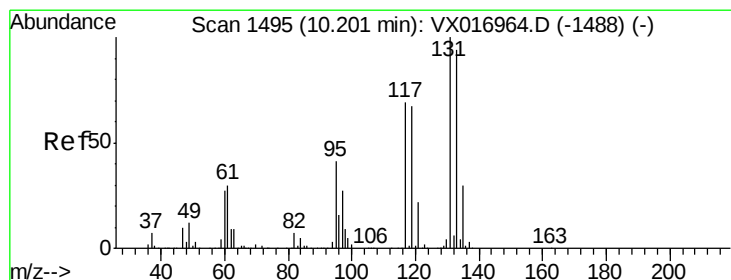
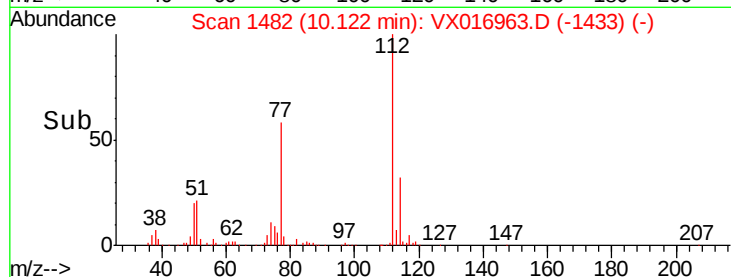
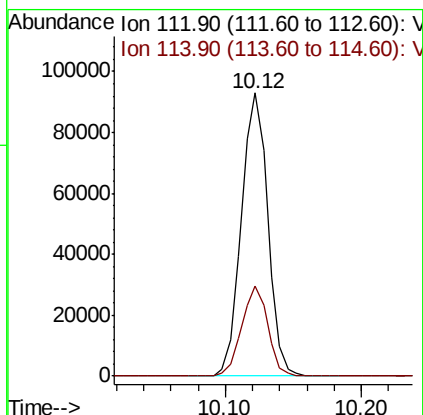
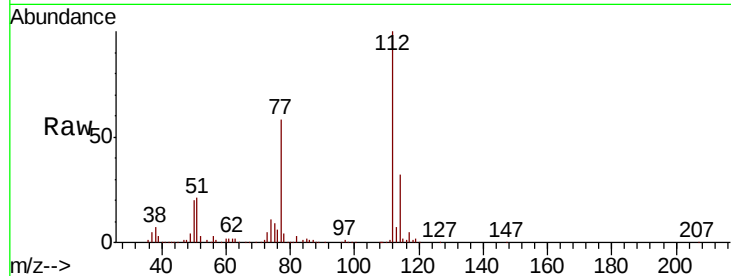




#65
Chlorobenzene
Concen: 20.422 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

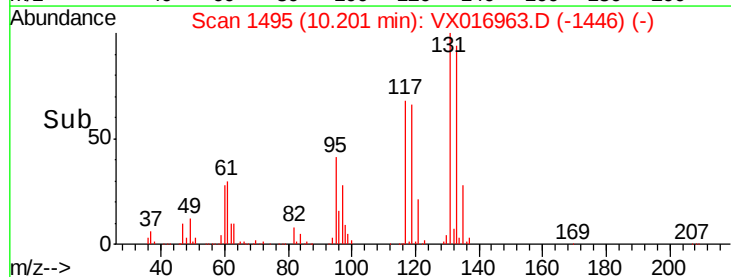
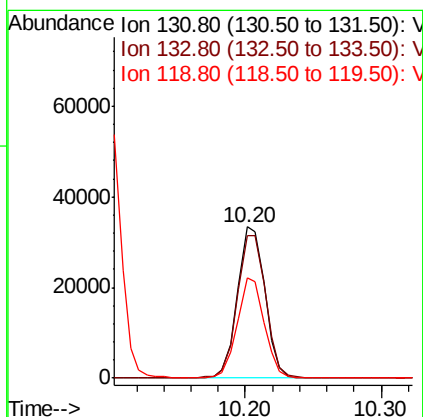
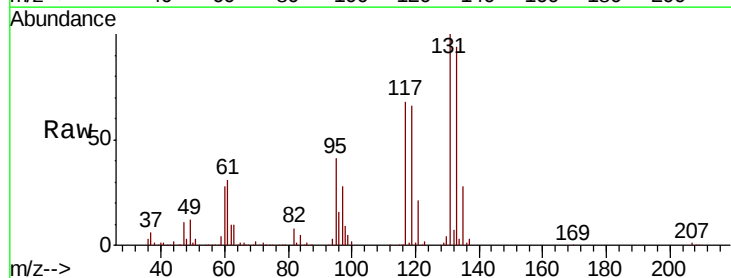
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

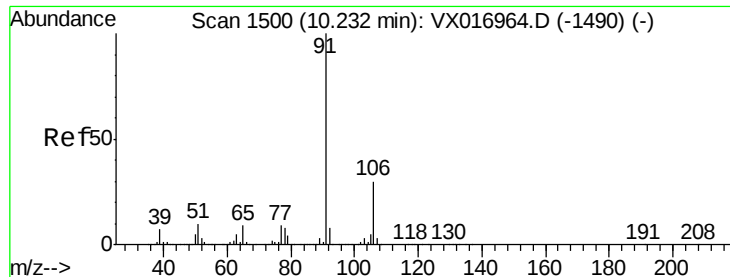
Tot Ion:112 Resp: 126506
Ion Ratio Lower Upper
112 100
114 32.0 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.233 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion:131 Resp: 47155
Ion Ratio Lower Upper
131 100
133 97.4 48.0 144.0
119 65.2 32.8 98.4





#67

Ethyl Benzene

Concen: 18.960 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

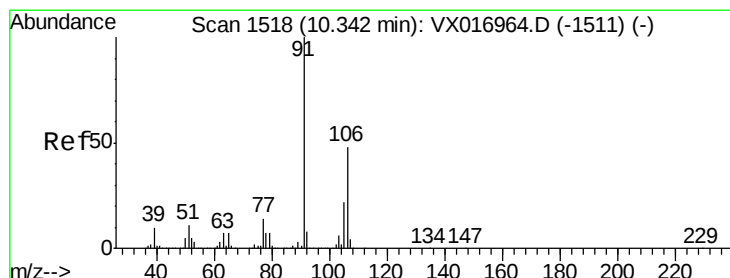
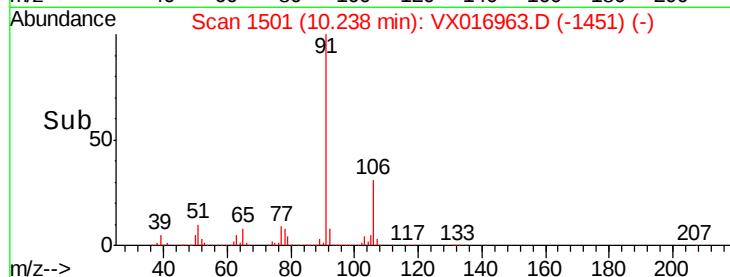
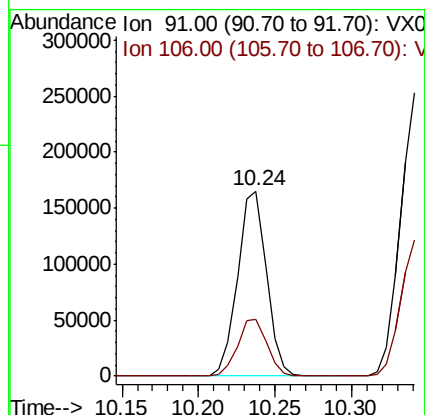
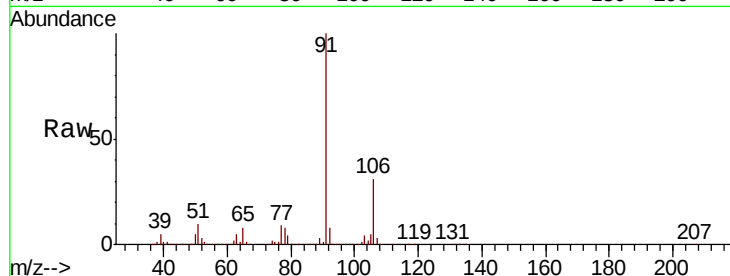
VSTDIC020

Tot Ion: 91 Resp: 216429

Ion Ratio Lower Upper

91 100

106 30.9 24.1 36.1



#68

m/p-Xylenes

Concen: 39.076 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016963.D

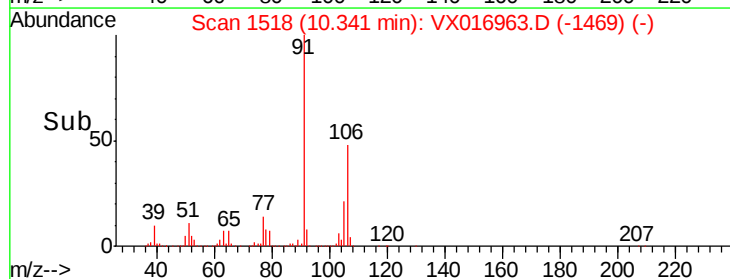
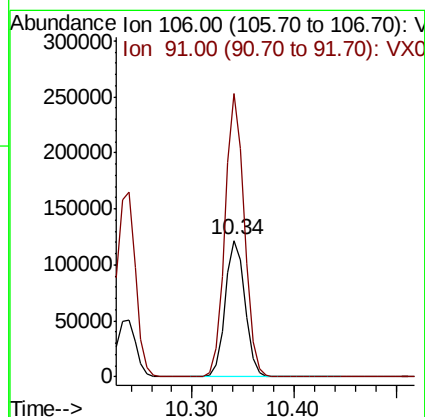
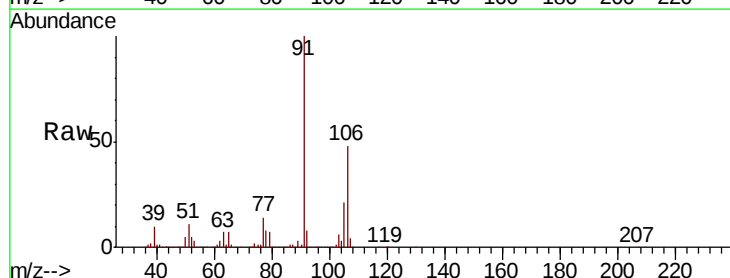
Acq: 25 Jun 2020 19:37

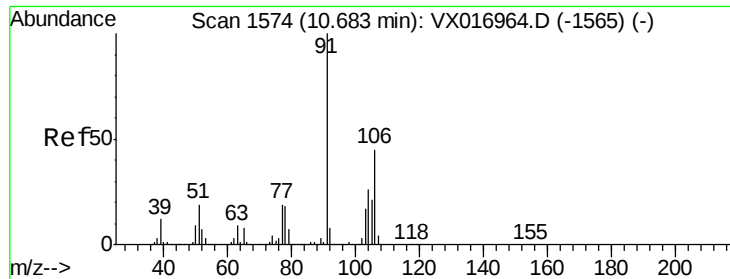
Tgt Ion: 106 Resp: 163856

Ion Ratio Lower Upper

106 100

91 203.5 164.1 246.1

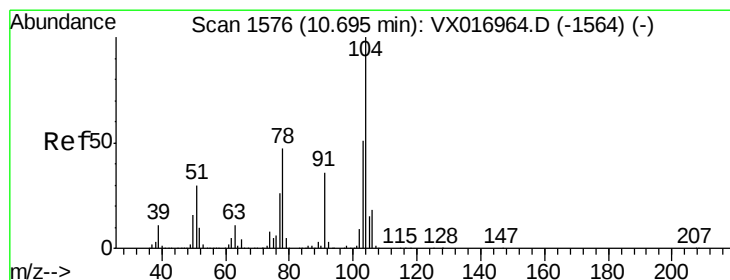
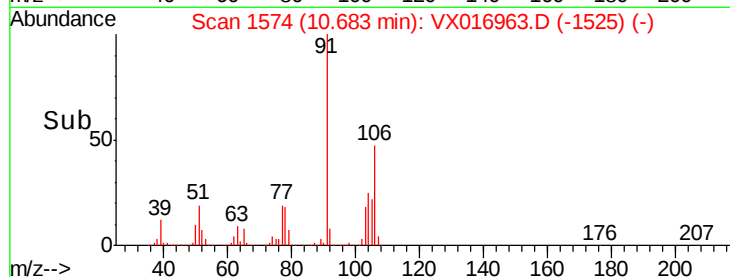
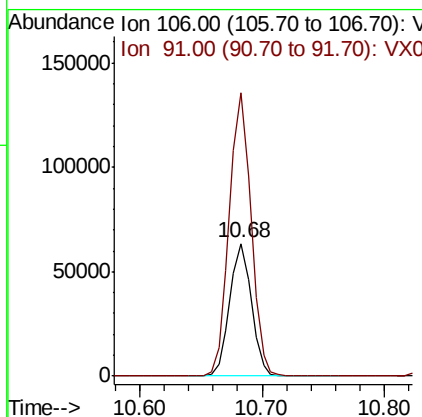
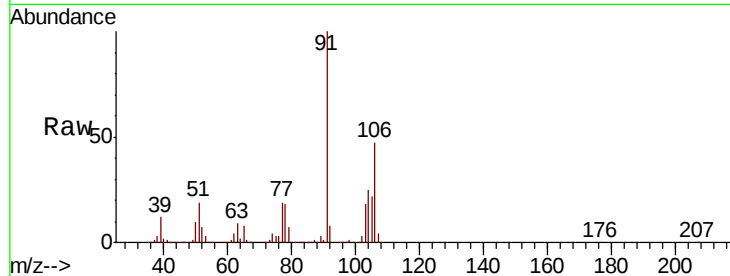




#69
o-Xylene
Concen: 19.171 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

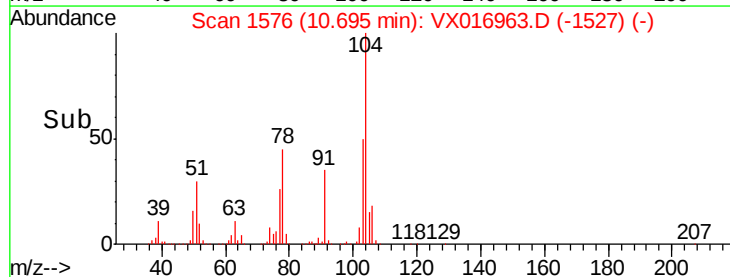
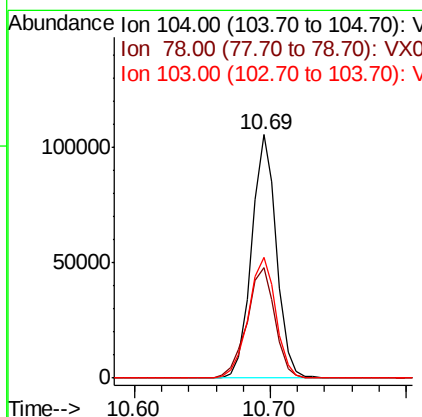
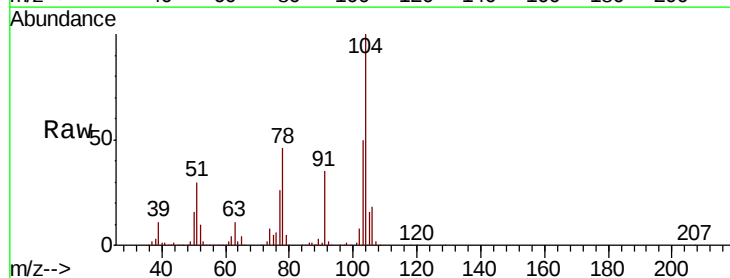
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

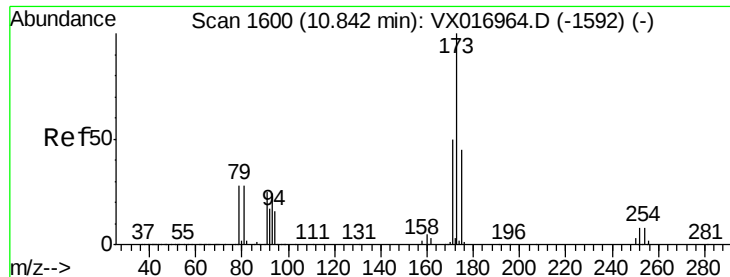
Tot Ion:106 Resp: 78163
Ion Ratio Lower Upper
106 100
91 214.0 109.1 327.2



#70
Styrene
Concen: 19.188 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion:104 Resp: 134641
Ion Ratio Lower Upper
104 100
78 51.5 41.9 62.9
103 55.6 43.9 65.9





#71

Bromoform

Concen: 23.756 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

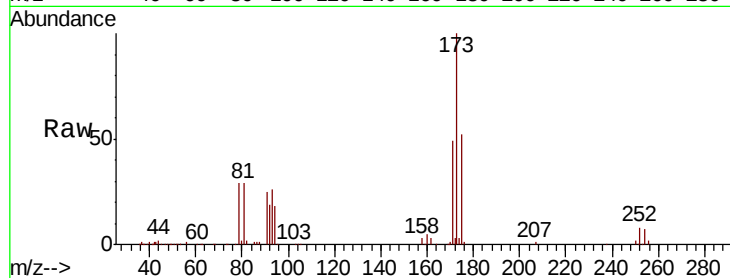
Tot Ion:173 Resp: 36912

Ion Ratio Lower Upper

173 100

175 47.7 23.4 70.2

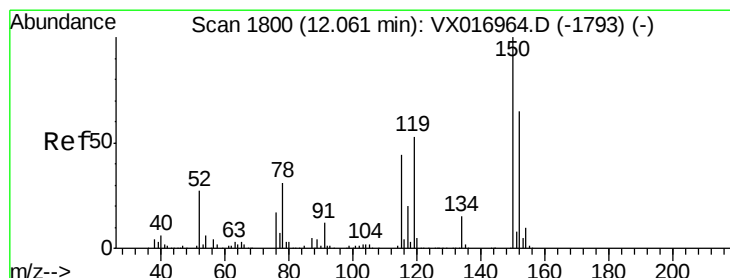
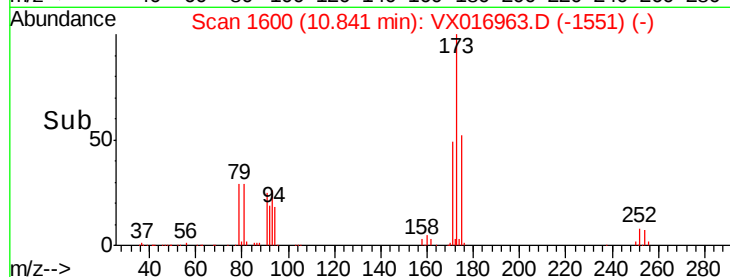
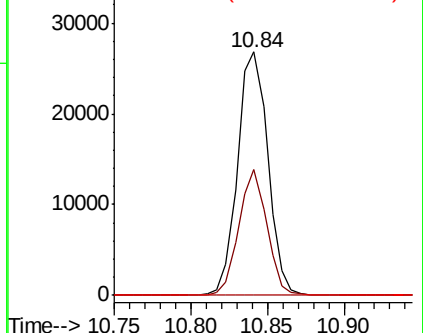
254 0.0 0.0 0.0



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: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

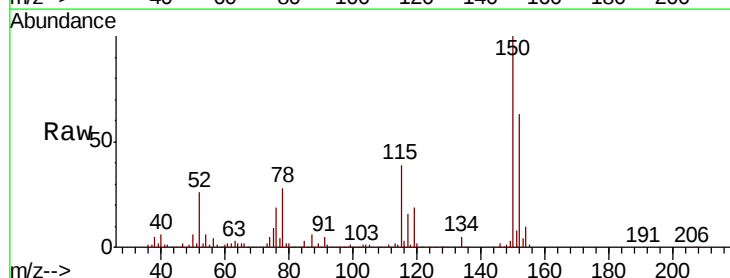
Tgt Ion:152 Resp: 152770

Ion Ratio Lower Upper

152 100

115 68.6 42.8 128.4

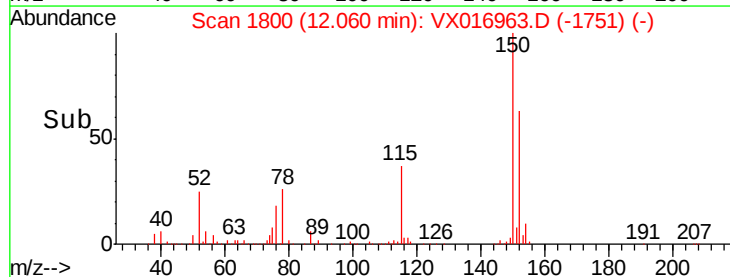
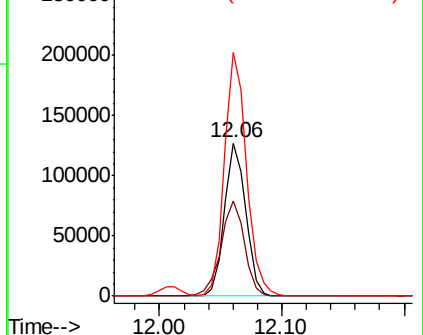
150 165.1 0.0 347.8

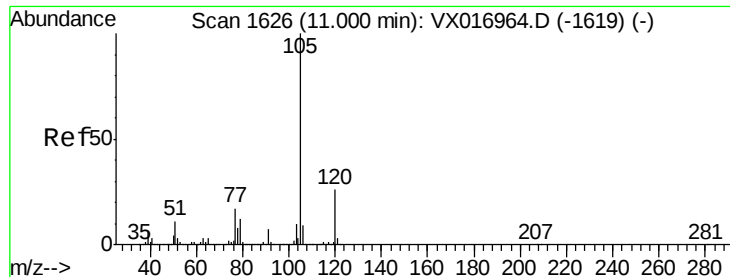


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.065 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

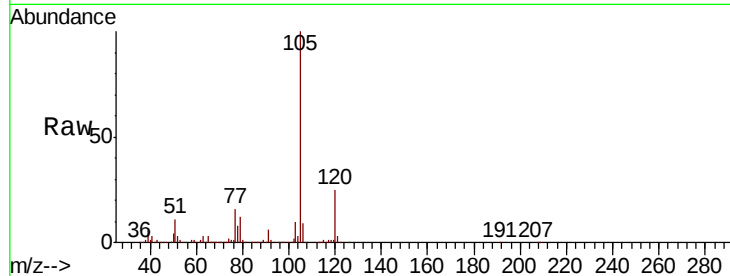
VSTDIC020

Tot Ion:105 Resp: 203049

Ion Ratio Lower Upper

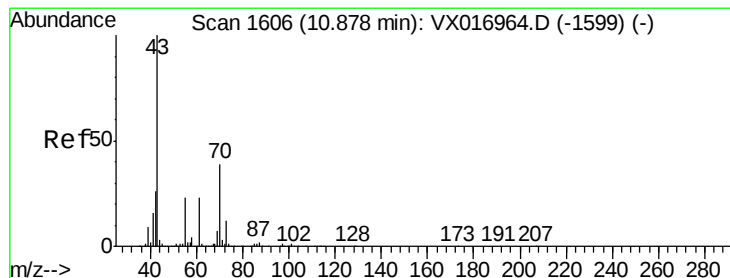
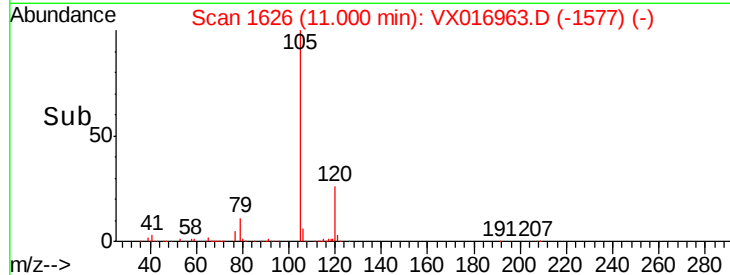
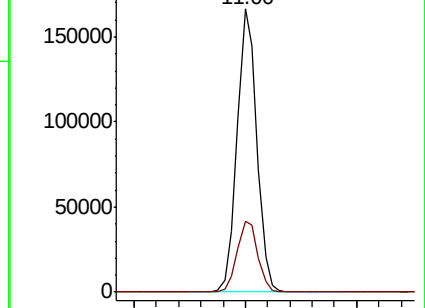
105 100

120 26.4 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.465 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Tgt Ion: 43 Resp: 101657

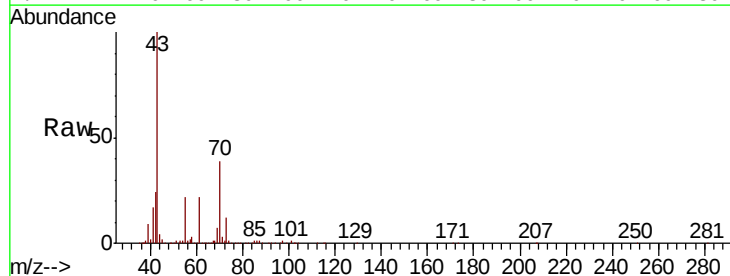
Ion Ratio Lower Upper

43 100

70 40.9 32.1 48.1

55 23.1 18.6 28.0

61 23.2 18.8 28.2

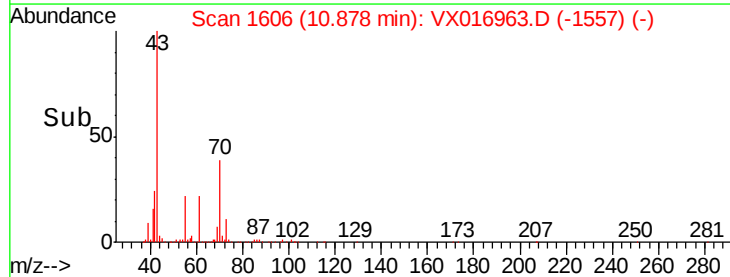
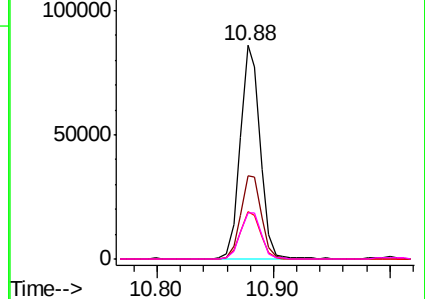


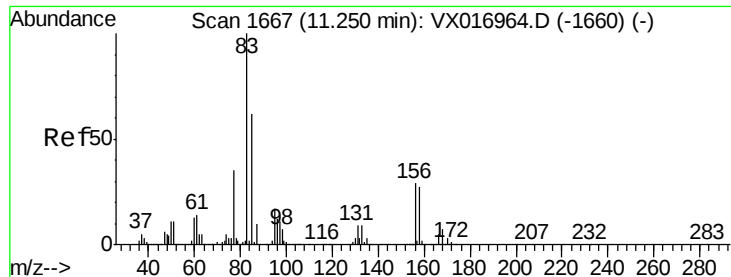
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 26.444 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

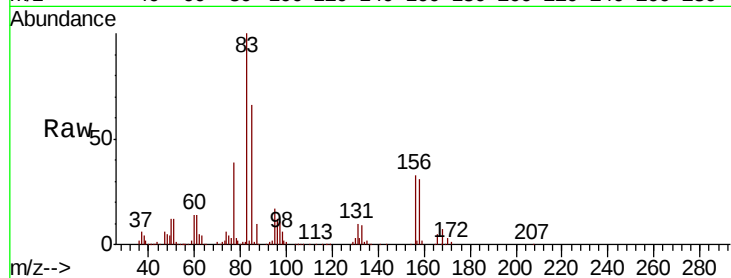
Tot Ion: 83 Resp: 71539

Ion Ratio Lower Upper

83 100

131 10.0 4.9 14.7

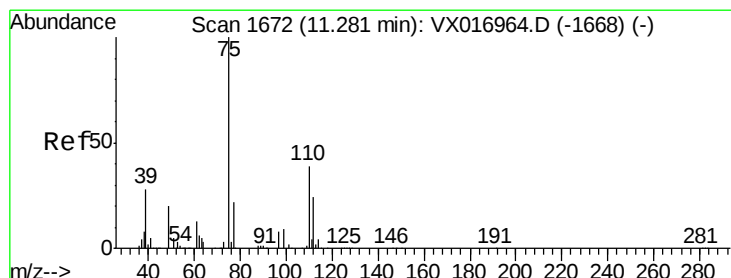
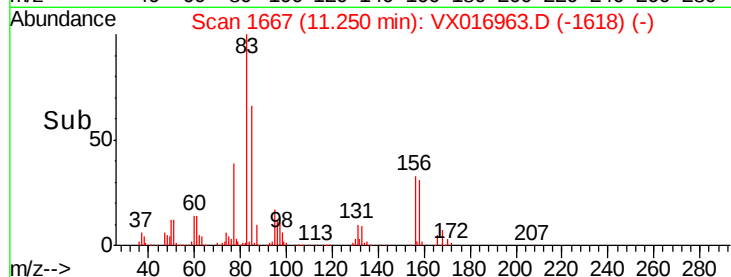
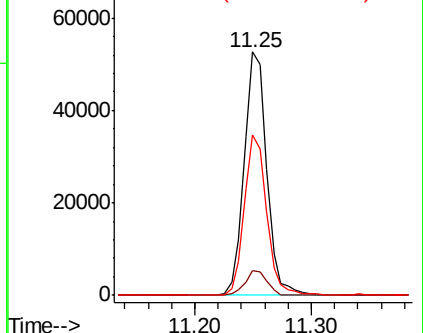
85 65.5 32.0 96.2



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: 26.275 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016963.D

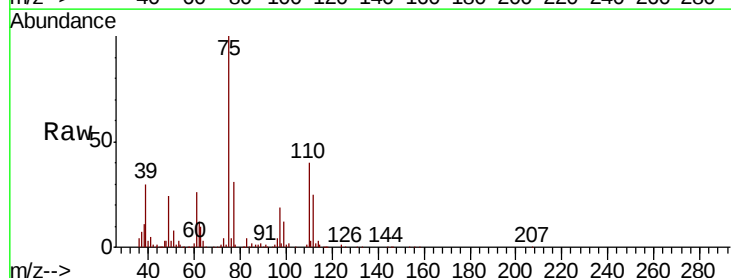
Acq: 25 Jun 2020 19:37

Tgt Ion: 75 Resp: 86113

Ion Ratio Lower Upper

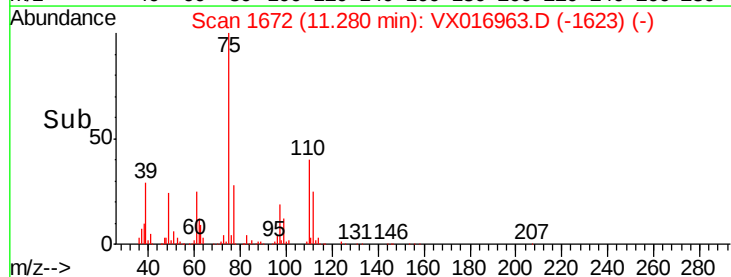
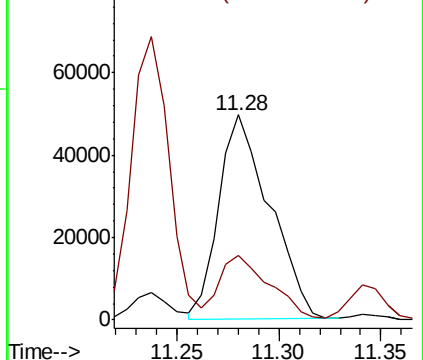
75 100

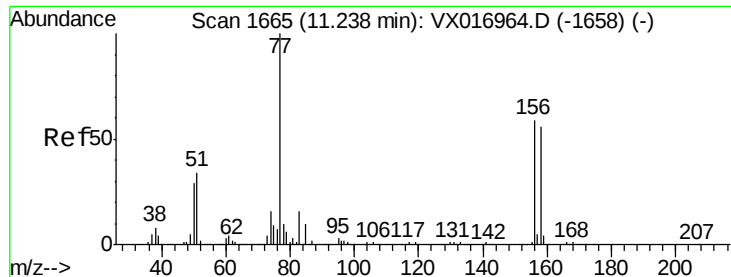
77 31.2 20.3 61.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.239 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

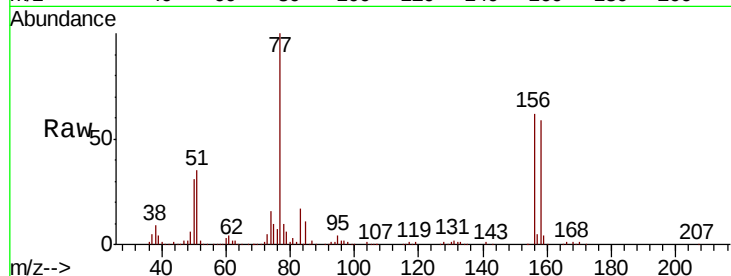
Tot Ion:156 Resp: 52523

Ion Ratio Lower Upper

156 100

77 170.1 85.2 255.6

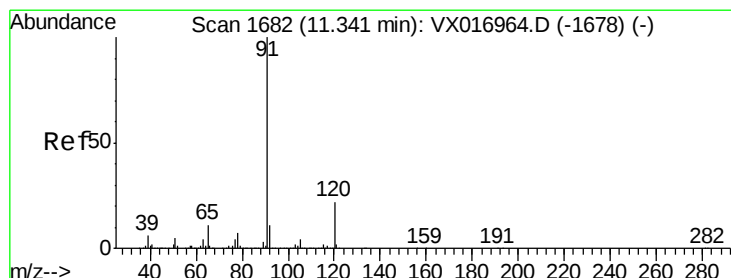
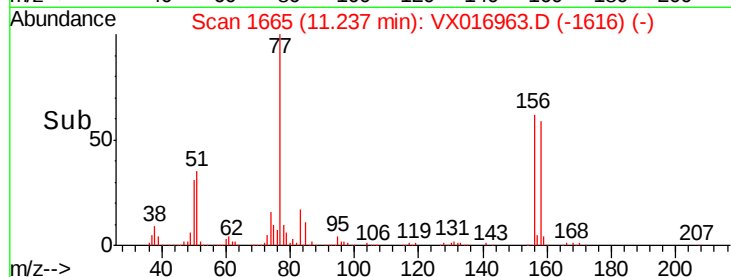
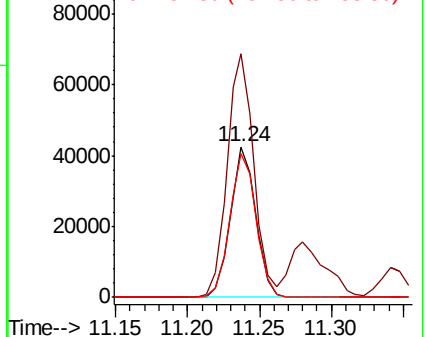
158 99.0 48.3 144.9



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: 17.706 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016963.D

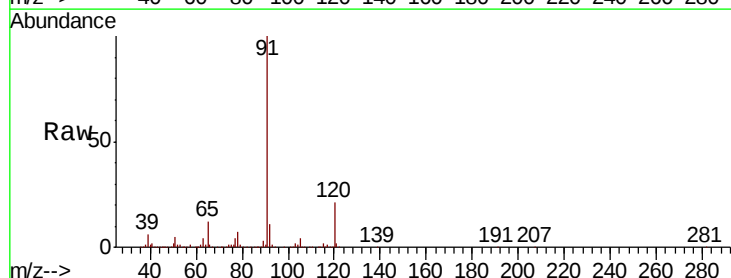
Acq: 25 Jun 2020 19:37

Tgt Ion: 91 Resp: 235281

Ion Ratio Lower Upper

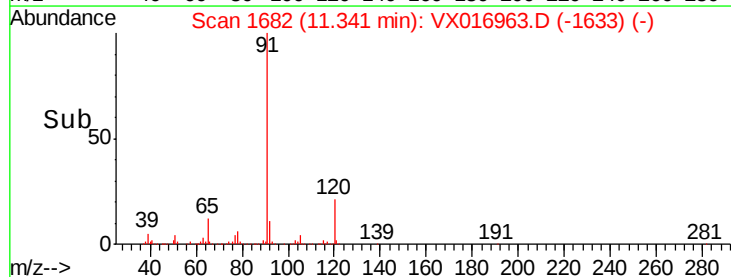
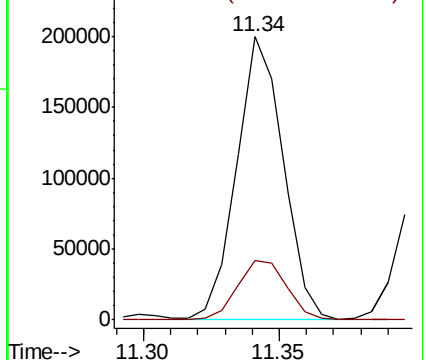
91 100

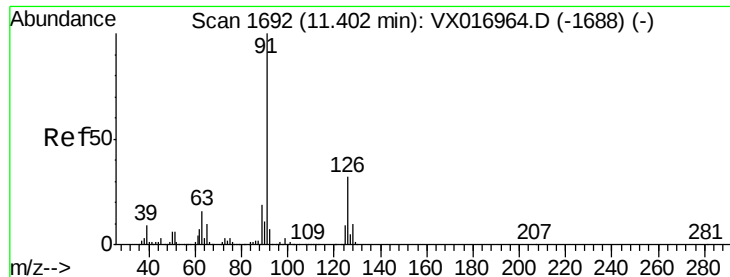
120 22.4 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

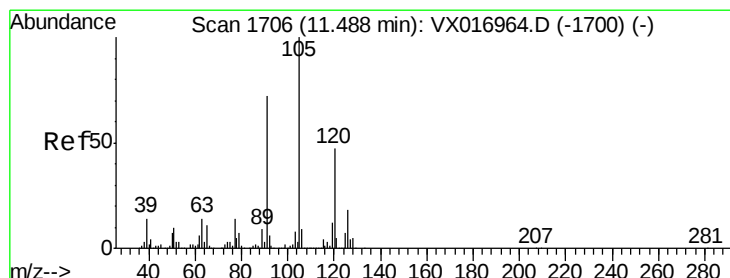
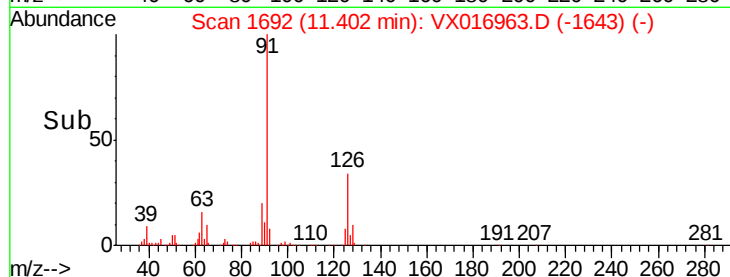
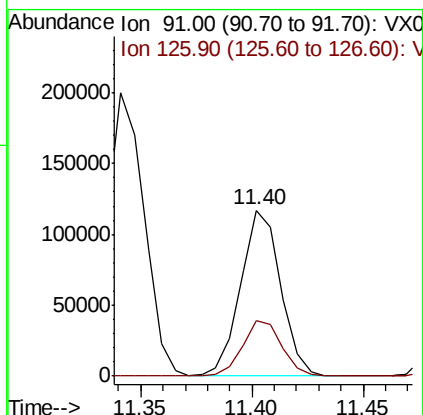
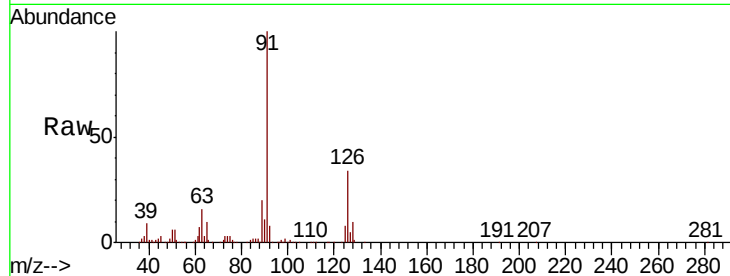




#79
2-Chlorotoluene
Concen: 18.667 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

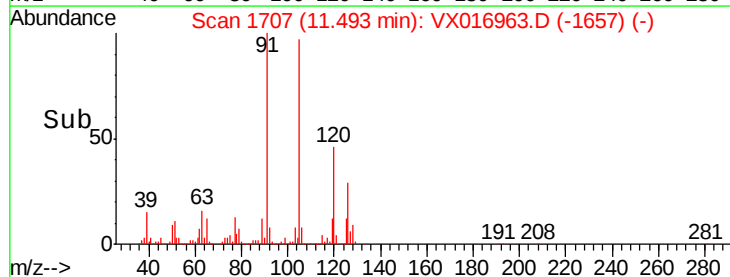
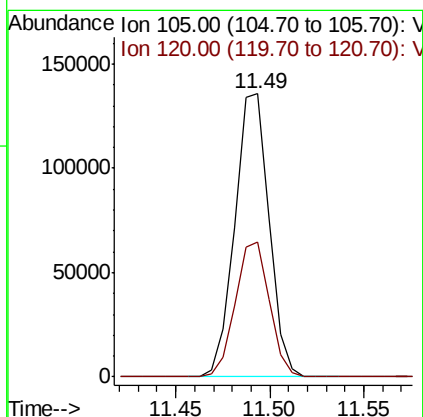
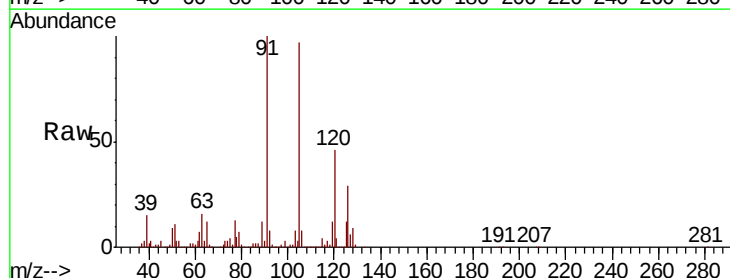
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

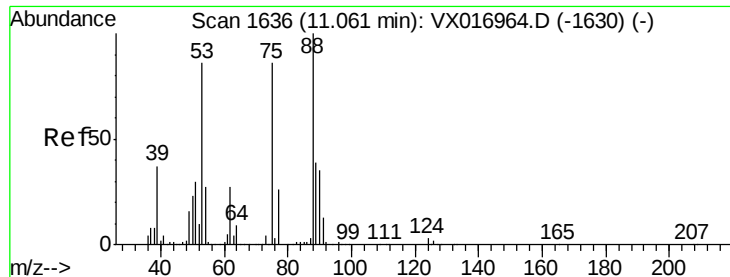
Tot Ion: 91 Resp: 146126
Ion Ratio Lower Upper
91 100
126 33.6 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 17.947 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion: 105 Resp: 171197
Ion Ratio Lower Upper
105 100
120 47.7 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.084 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

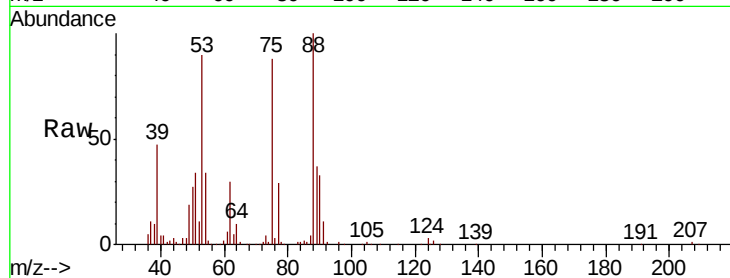
Tot Ion: 75 Resp: 24251

Ion Ratio Lower Upper

75 100

53 104.0 81.9 122.9

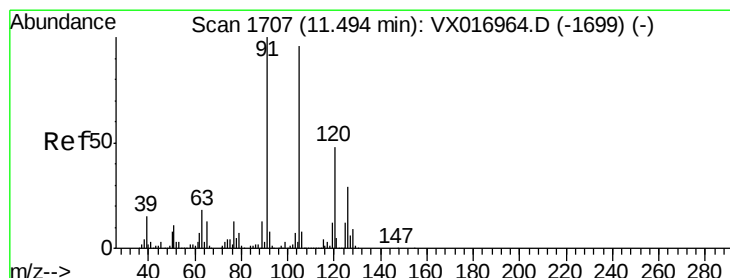
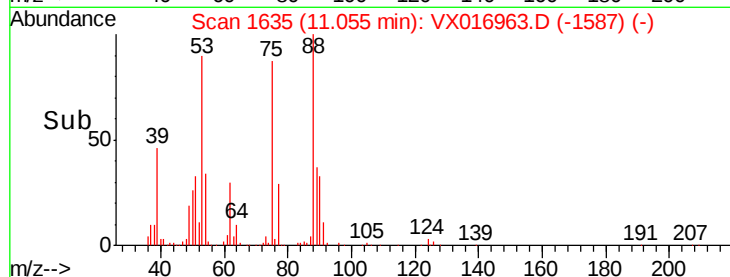
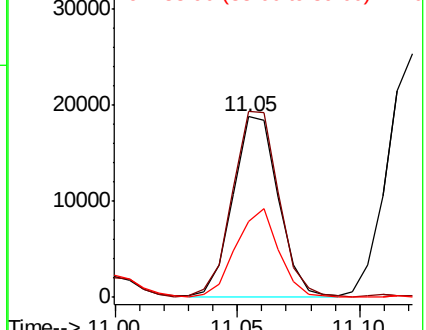
89 46.5 35.5 53.3



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: 18.463 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016963.D

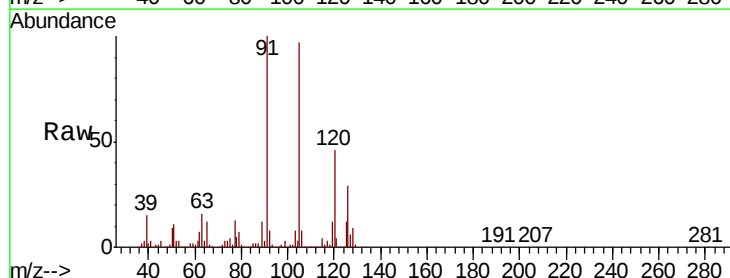
Acq: 25 Jun 2020 19:37

Tgt Ion: 91 Resp: 172686

Ion Ratio Lower Upper

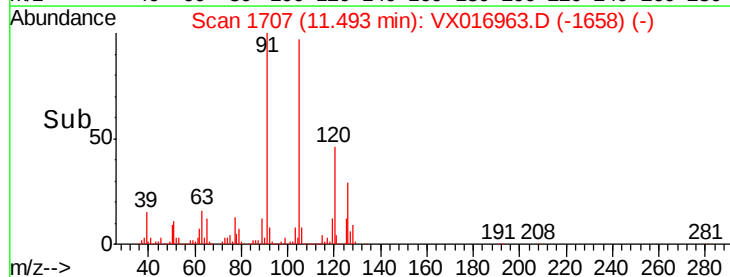
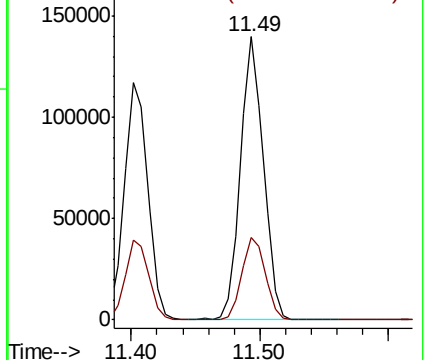
91 100

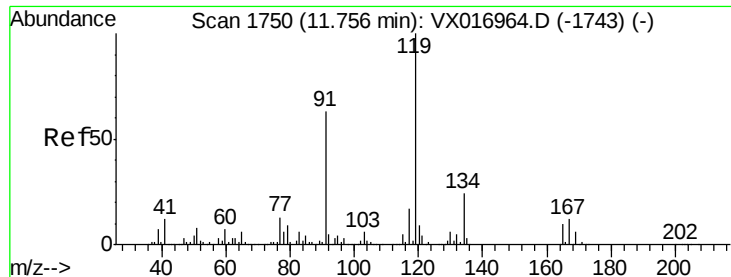
126 29.7 14.6 44.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

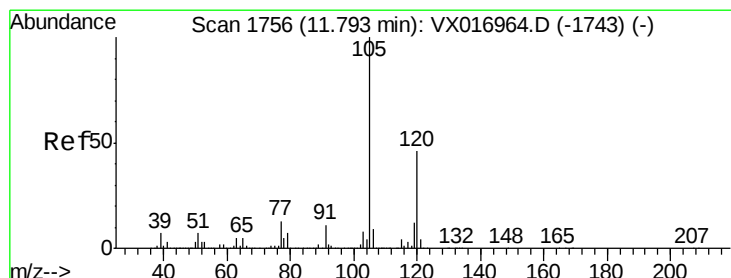
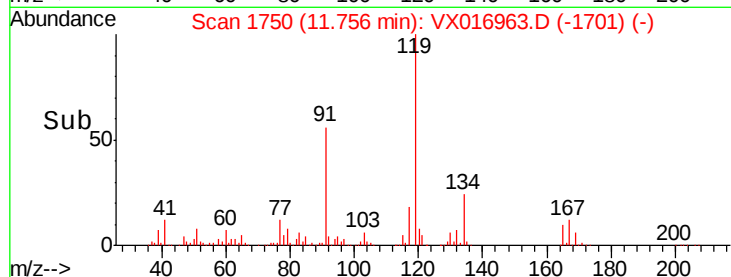
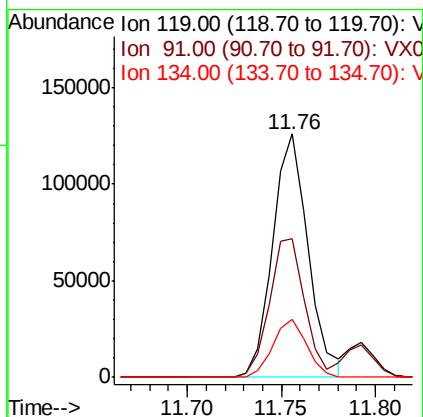
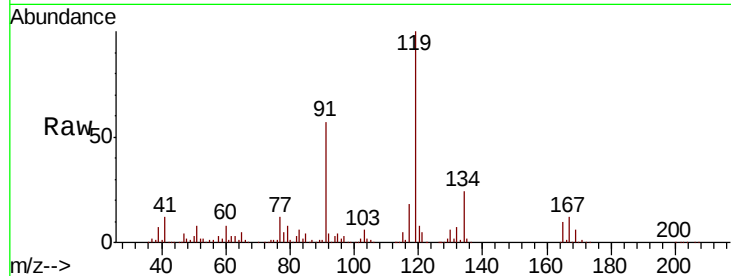




#83
tert-Butylbenzene
Concen: 19.979 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

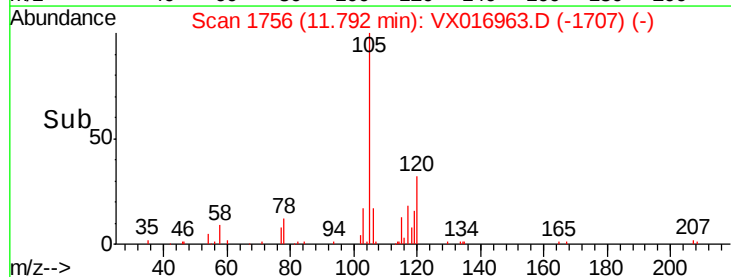
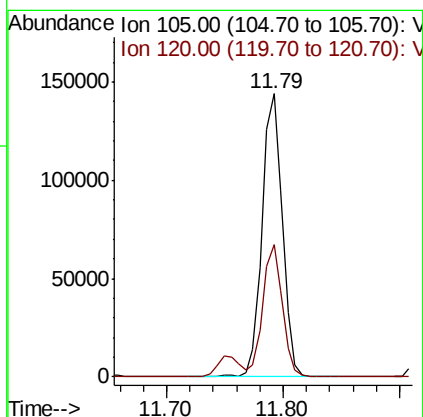
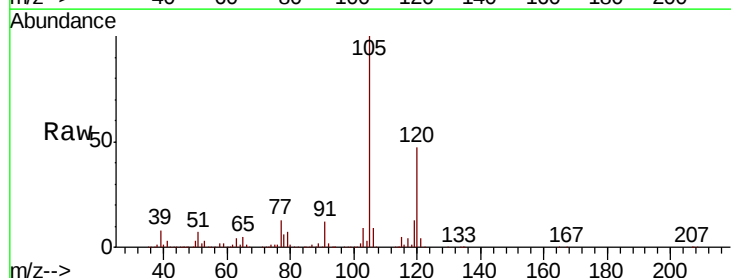
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

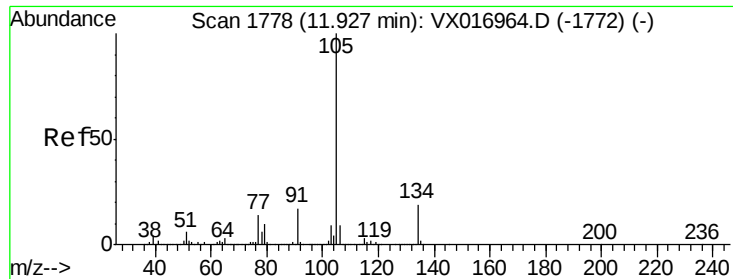
Tot Ion:119 Resp: 164528
Ion Ratio Lower Upper
119 100
91 56.5 30.0 90.0
134 23.0 11.8 35.3



#84
1,2,4-Trimethylbenzene
Concen: 17.949 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion:105 Resp: 175875
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.3

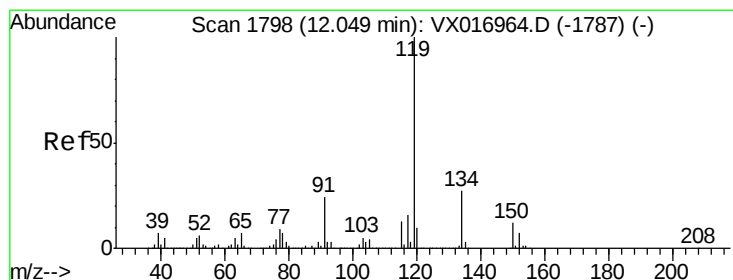
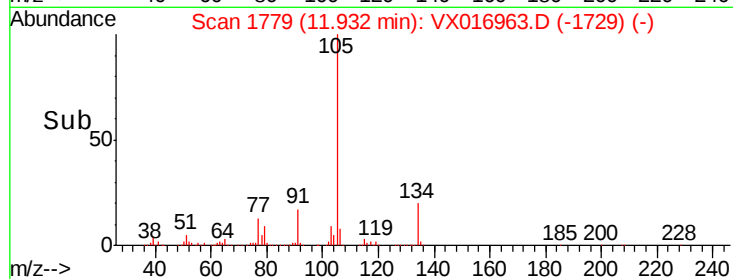
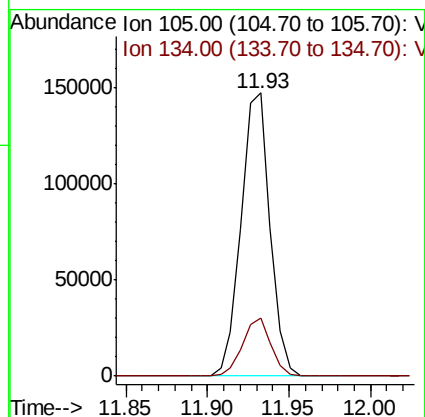
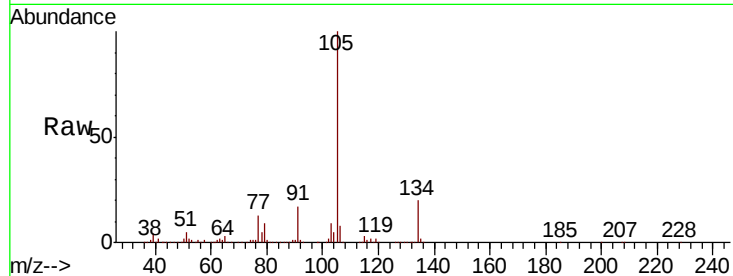




#85
 sec-Butylbenzene
 Concen: 16.543 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX016963.D
 Acq: 25 Jun 2020 19:37

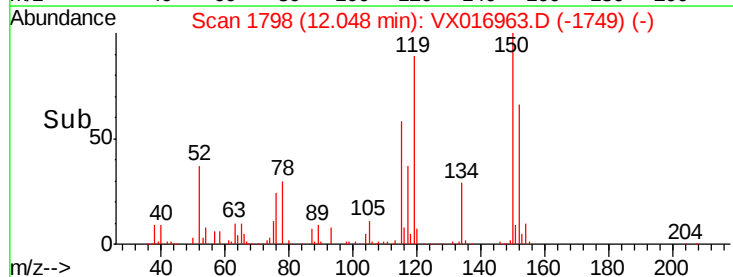
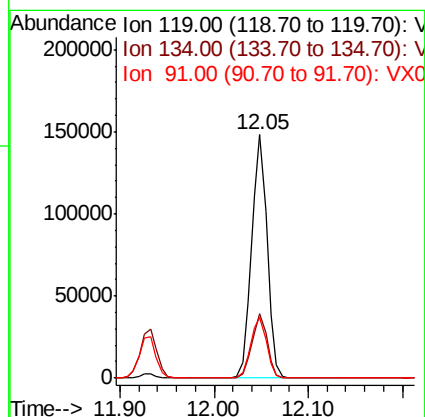
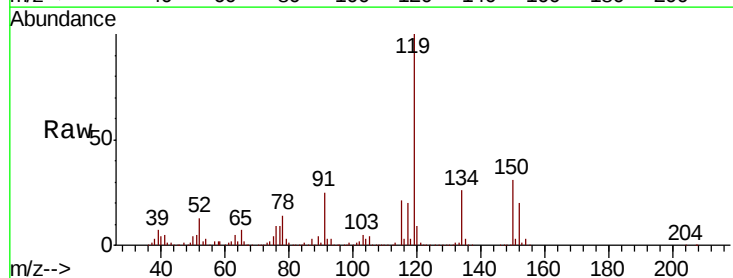
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

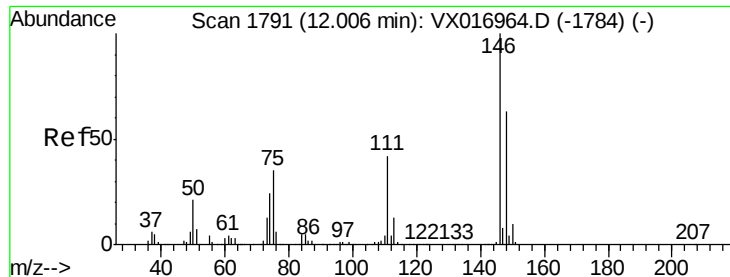
Tot Ion:105 Resp: 181793
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 17.072 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016963.D
 Acq: 25 Jun 2020 19:37

Tgt Ion:119 Resp: 171280
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.3
 91 25.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.942 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

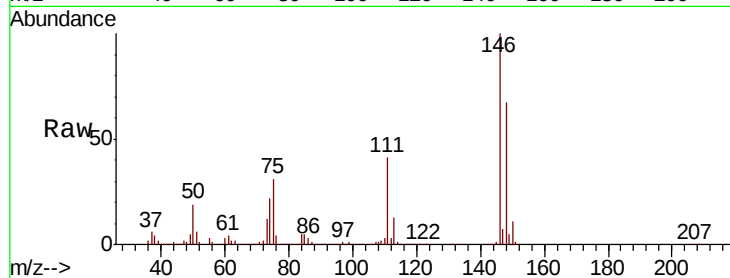
Tot Ion:146 Resp: 95163

Ion Ratio Lower Upper

146 100

111 40.8 20.3 60.9

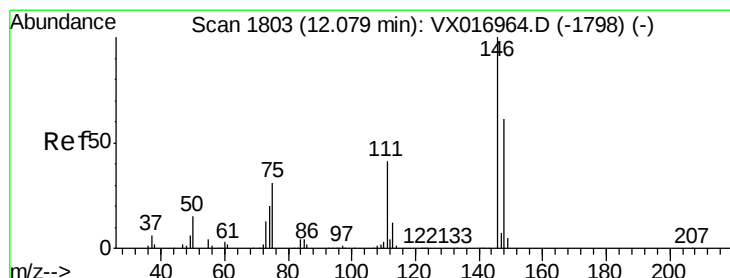
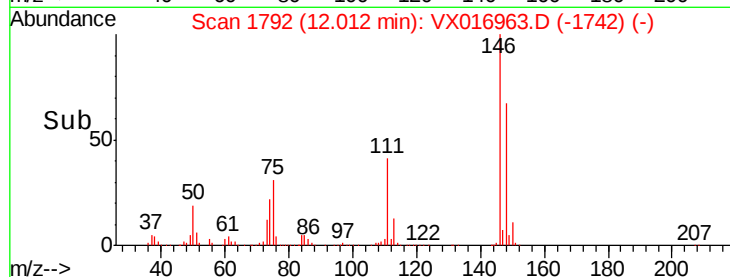
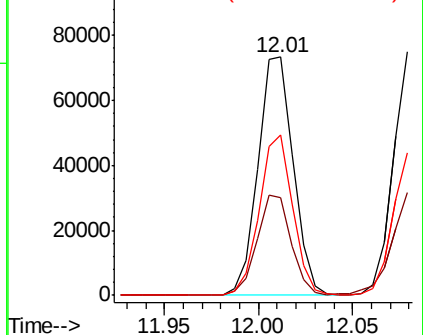
148 64.0 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.484 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

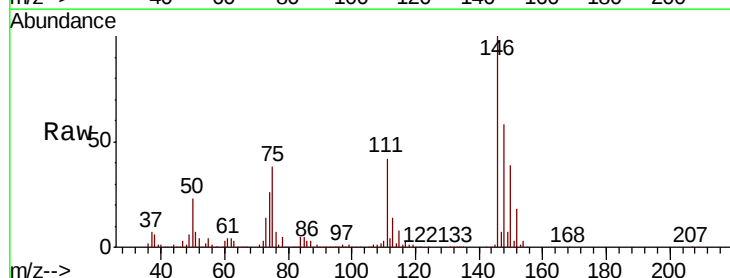
Tgt Ion:146 Resp: 95600

Ion Ratio Lower Upper

146 100

111 41.5 19.9 59.7

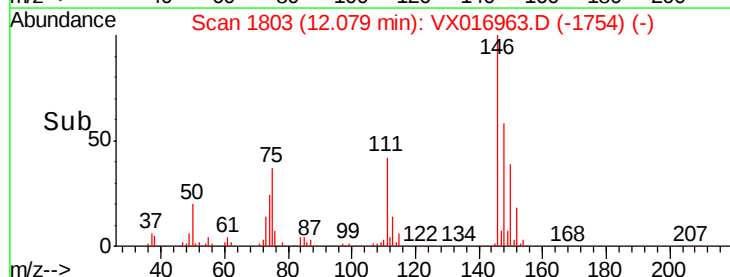
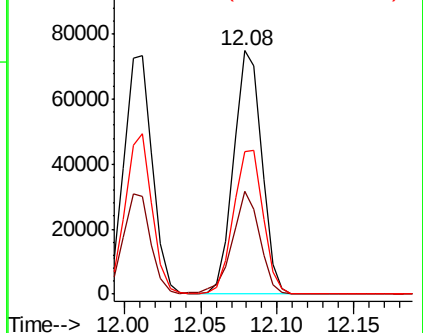
148 62.3 31.3 93.9

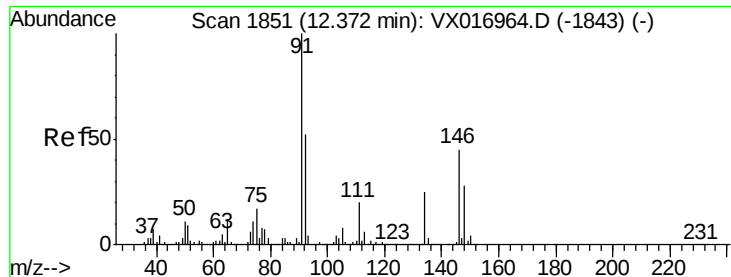


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

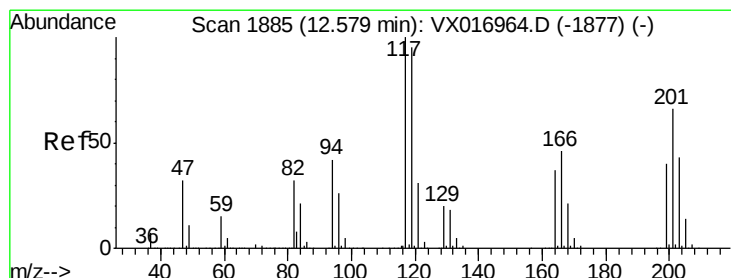
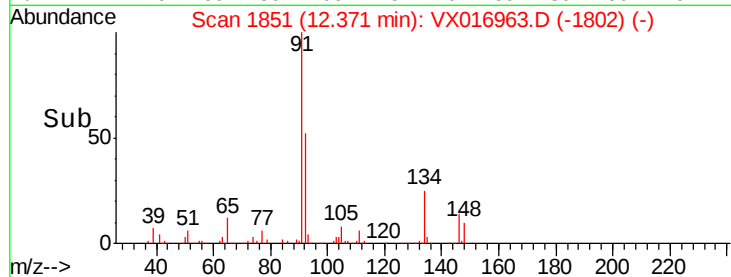
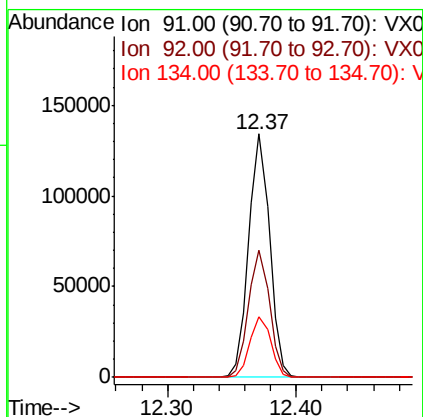
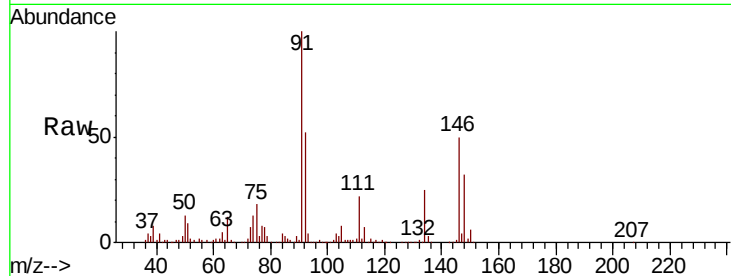




#89
n-Butylbenzene
Concen: 15.943 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

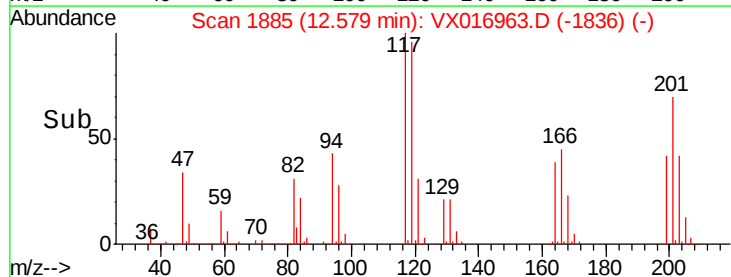
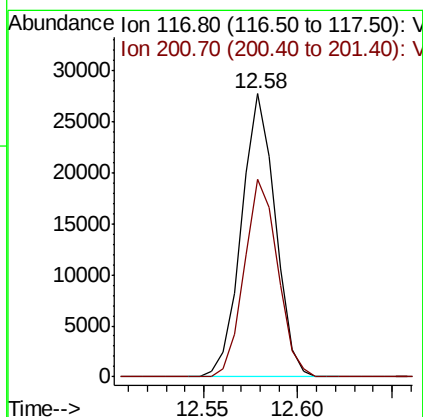
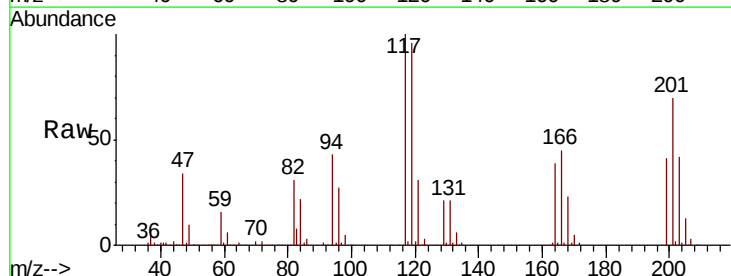
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

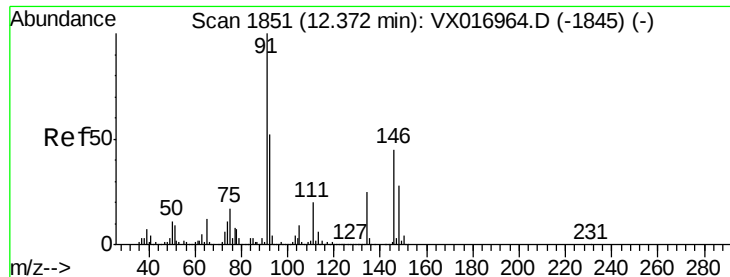
Tot Ion: 91 Resp: 150059
Ion Ratio Lower Upper
91 100
92 52.6 26.6 79.7
134 25.1 12.6 37.8



#90
Hexachloroethane
Concen: 21.147 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016963.D
Acq: 25 Jun 2020 19:37

Tgt Ion: 117 Resp: 34526
Ion Ratio Lower Upper
117 100
201 69.2 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 20.058 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

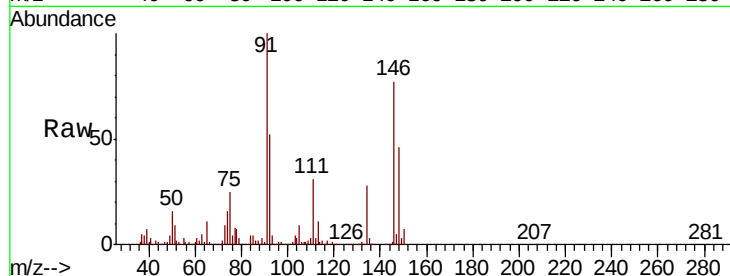
Tot Ion:146 Resp: 91892

Ion Ratio Lower Upper

146 100

111 42.1 21.6 64.6

148 62.6 31.9 95.7

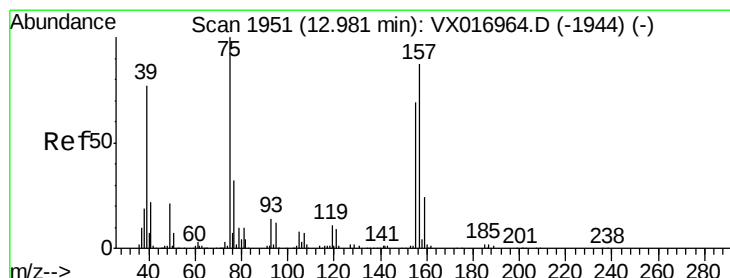
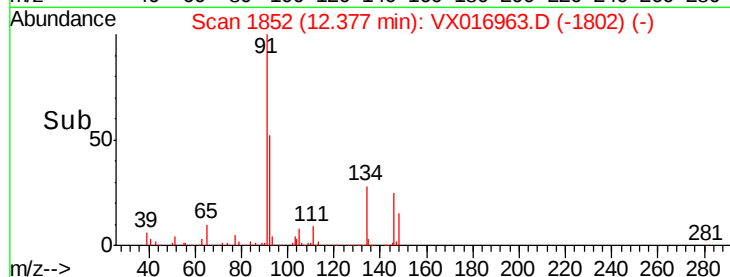
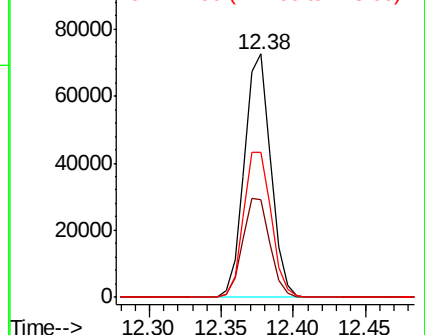


Abundance

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: 19.129 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

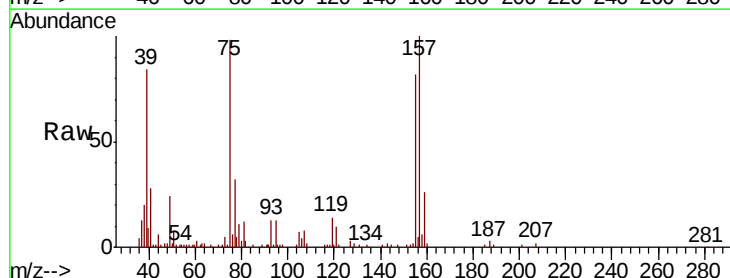
Tgt Ion: 75 Resp: 15596

Ion Ratio Lower Upper

75 100

155 81.0 39.0 117.0

157 101.3 50.0 150.1

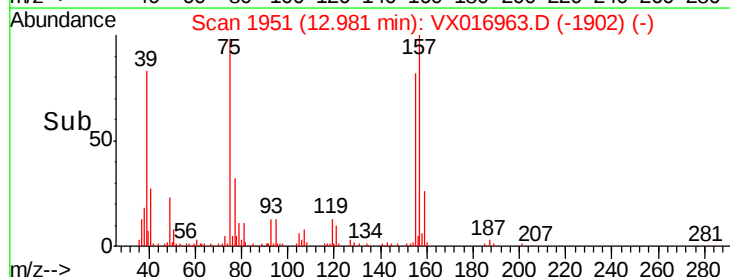
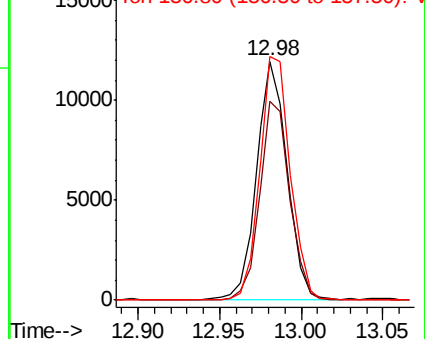


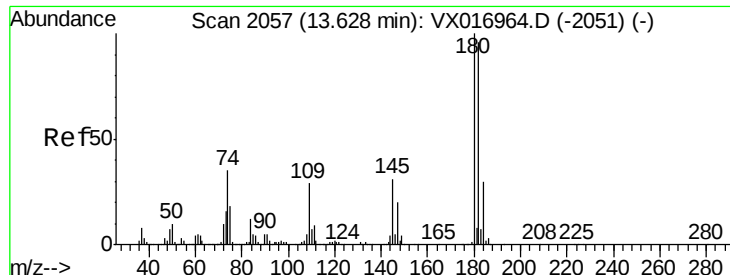
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

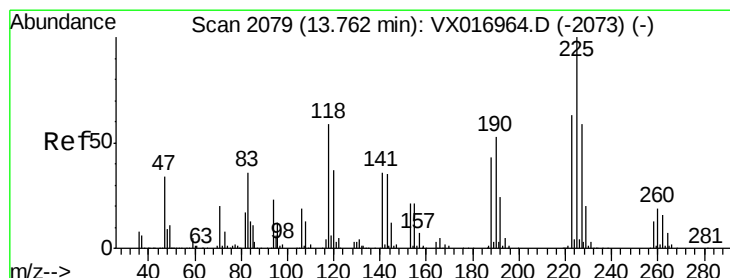
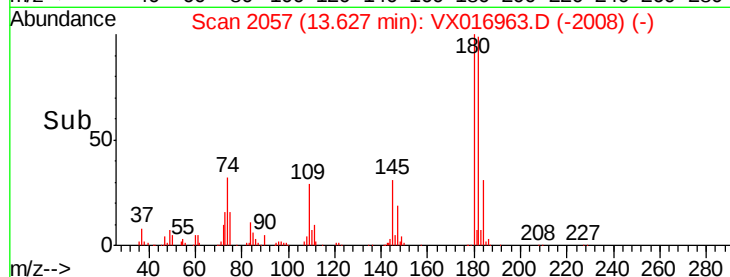
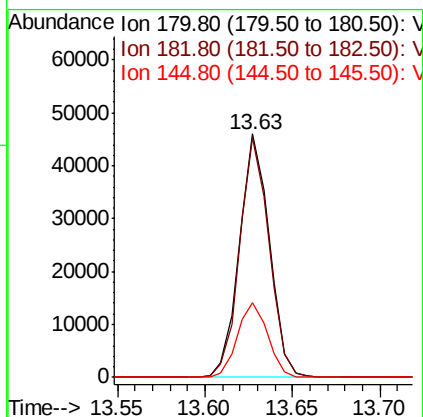
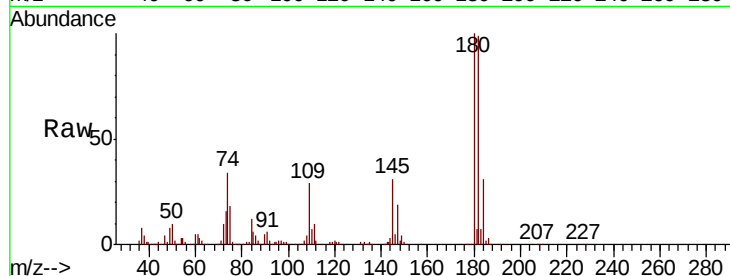




#93
 1,2,4-Trichlorobenzene
 Concen: 18.372 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016963.D
 Acq: 25 Jun 2020 19:37

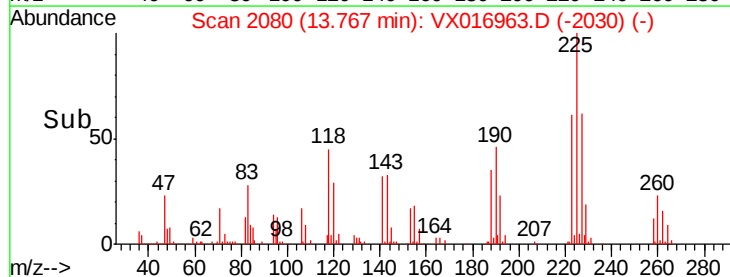
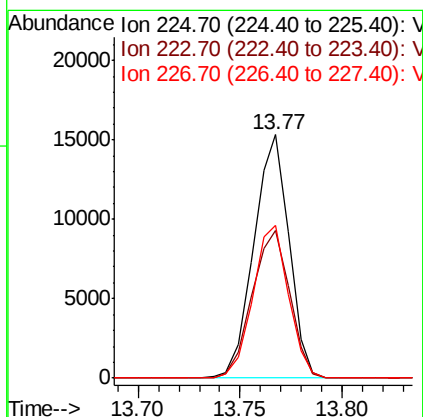
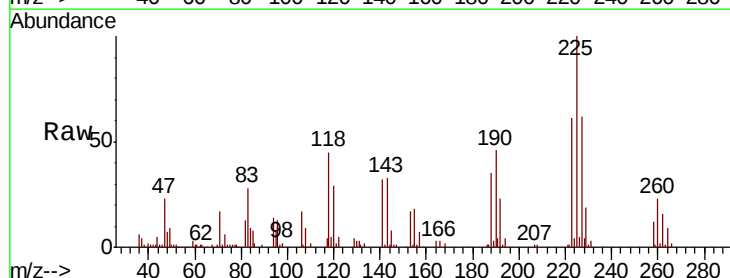
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

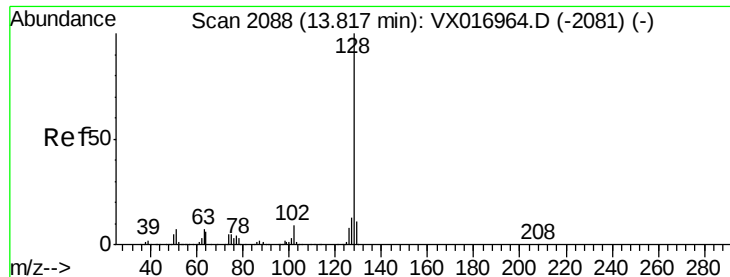
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.0	46.4	139.1
145	31.3	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 17.480 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX016963.D
 Acq: 25 Jun 2020 19:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	31.1	93.2
227	63.8	30.3	90.9





#95

Naphthalene

Concen: 18.629 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

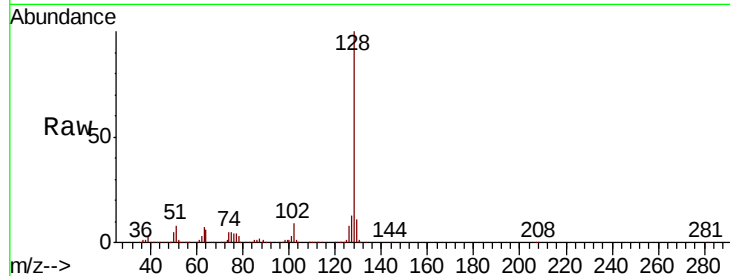
Tot Ion:128 Resp: 198061

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

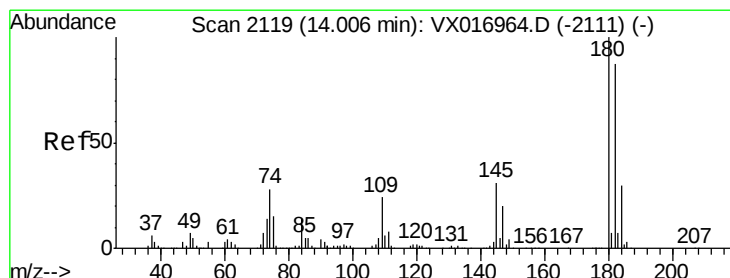
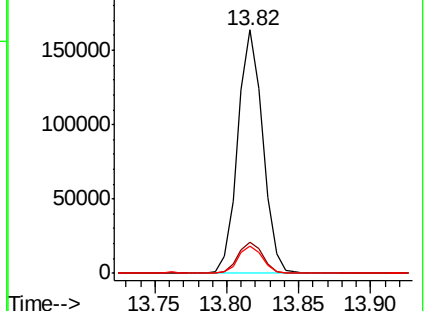
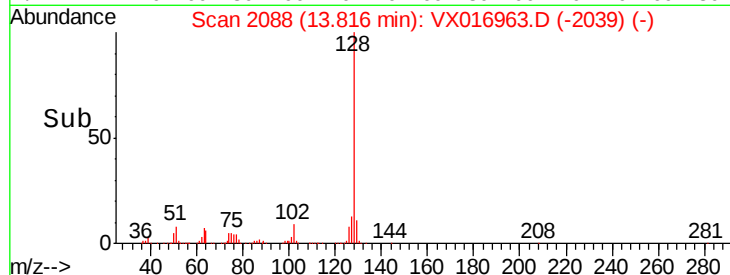
129 11.2 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 19.335 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX016963.D

Acq: 25 Jun 2020 19:37

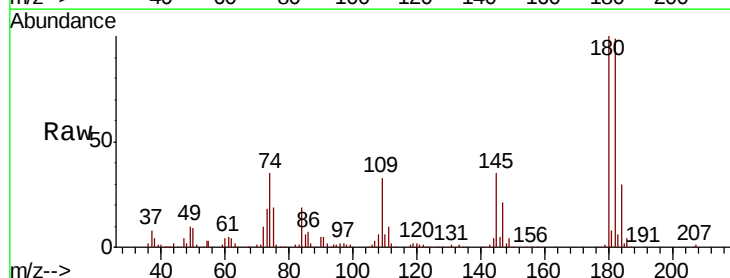
Tgt Ion:180 Resp: 54565

Ion Ratio Lower Upper

180 100

182 97.2 47.8 143.3

145 33.9 16.9 50.6



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

