

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050420\
 Data File : VX016032.D
 Acq On : 04 May 2020 12:47
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: May 04 13:27:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 13:19:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	317859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	508114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	467446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	235544	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	195772	40.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.84%	
35) Dibromofluoromethane	5.47	113	151752	42.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.50%	
50) Toluene-d8	8.70	98	592049	44.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.46%	
62) 4-Bromofluorobenzene	11.12	95	225256	46.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	171753	51.287	ug/l	100
3) Chloromethane	1.31	50	193068	48.198	ug/l	100
4) Vinyl Chloride	1.39	62	204829	48.544	ug/l	100
5) Bromomethane	1.62	94	101770	39.769	ug/l	100
6) Chloroethane	1.70	64	128696	48.666	ug/l	100
7) Trichlorofluoromethane	1.91	101	274078	49.677	ug/l	100
8) Diethyl Ether	2.17	74	112562	48.189	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	157506	49.609	ug/l	100
10) Methyl Iodide	2.49	142	221031	54.473	ug/l	100
11) Tert butyl alcohol	3.02	59	264097	255.012	ug/l	100
12) 1,1-Dichloroethene	2.36	96	163113	49.031	ug/l	100
13) Acrolein	2.27	56	161449	254.344	ug/l	100
14) Allyl chloride	2.71	41	300107	49.394	ug/l	100
15) Acrylonitrile	3.12	53	542693	248.156	ug/l	100
16) Acetone	2.42	43	461477	246.131	ug/l	100
17) Carbon Disulfide	2.55	76	496738	41.770	ug/l	100
18) Methyl Acetate	2.75	43	225918	48.907	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	572072	50.426	ug/l	100
20) Methylene Chloride	2.84	84	183152	46.272	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	174753	46.743	ug/l	100
22) Diisopropyl ether	3.82	45	566210	49.364	ug/l	100
23) Vinyl Acetate	3.79	43	2561097	257.946	ug/l	100
24) 1,1-Dichloroethane	3.67	63	316536	49.483	ug/l	100
25) 2-Butanone	4.64	43	763762	257.833	ug/l	100
26) 2,2-Dichloropropane	4.55	77	284491	48.063	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	198145	49.241	ug/l	100
28) Bromochloromethane	4.98	49	140608	48.518	ug/l	100
29) Tetrahydrofuran	5.09	42	501702	254.339	ug/l	100
30) Chloroform	5.18	83	317320	49.781	ug/l	100
31) Cyclohexane	5.55	56	293438	49.162	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	287930	49.754	ug/l	100
36) 1,1-Dichloropropene	5.77	75	242823	47.877	ug/l	100
37) Ethyl Acetate	4.80	43	291261	50.429	ug/l	100
38) Carbon Tetrachloride	5.76	117	252485	49.538	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	298781	49.398	ug/l	100
40) Benzene	6.12	78	719651	48.483	ug/l	100
41) Methacrylonitrile	5.01	41	158045	50.668	ug/l	100
42) 1,2-Dichloroethane	6.17	62	258724	48.251	ug/l	100
43) Isopropyl Acetate	6.42	43	462232	50.294	ug/l	100
44) Trichloroethene	7.19	130	248672	45.305	ug/l	100
45) 1,2-Dichloropropane	7.49	63	185153	49.672	ug/l	100
46) Dibromomethane	7.64	93	123715	48.809	ug/l	100
47) Bromodichloromethane	7.88	83	258890	50.872	ug/l	100
48) Methyl methacrylate	7.74	41	220544	50.998	ug/l	100
49) 1,4-Dioxane	7.71	88	104907	1002.962	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1457309	260.443	ug/l	100
52) Toluene	8.77	92	456255	49.890	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	302910	49.746	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	317865	49.685	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	180858	50.608	ug/l	100
56) Ethyl methacrylate	9.16	69	301385	53.305	ug/l	100
57) 1,3-Dichloropropane	9.35	76	312676	49.646	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	787324	255.632	ug/l	100
59) 2-Hexanone	9.48	43	1136262	259.122	ug/l	100
60) Dibromochloromethane	9.57	129	203668	52.892	ug/l	100
61) 1,2-Dibromoethane	9.65	107	198506	51.368	ug/l	100
64) Tetrachloroethene	9.32	164	280455	47.245	ug/l	100
65) Chlorobenzene	10.12	112	484943	48.927	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	182488	50.606	ug/l	100
67) Ethyl Benzene	10.24	91	879425	49.877	ug/l	100
68) m/p-Xylenes	10.34	106	669043	102.168	ug/l	100
69) o-Xylene	10.68	106	320417	51.126	ug/l	100
70) Styrene	10.70	104	551773	52.884	ug/l	100
71) Bromoform	10.84	173	154402	55.025	ug/l	100
73) Isopropylbenzene	11.00	105	860468	49.185	ug/l	100
74) N-amyl acetate	10.88	43	402416	50.294	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	167010	65.404	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	363797	52.868	ug/l	83
77) Bromobenzene	11.24	156	214650	47.479	ug/l	100
78) n-propylbenzene	11.35	91	985975	48.578	ug/l	100
79) 2-Chlorotoluene	11.41	91	575325	47.925	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	722860	49.623	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	114459	51.981	ug/l	100
82) 4-Chlorotoluene	11.49	91	683795	48.526	ug/l	100
83) tert-Butylbenzene	11.76	119	616293	49.126	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	729152	49.404	ug/l	100
85) sec-Butylbenzene	11.93	105	837752	49.231	ug/l	100
86) p-Isopropyltoluene	12.05	119	782966	49.742	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	383128	47.158	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	388338	47.742	ug/l	100
89) n-Butylbenzene	12.37	91	697349	48.688	ug/l	100
90) Hexachloroethane	12.58	117	136745	52.276	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	369040	47.348	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	68478	48.654	ug/l	100

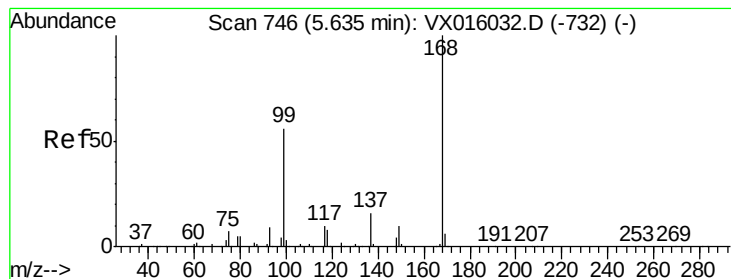
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	266264	46.325	ug/l	100
94) Hexachlorobutadiene	13.77	225	122087	45.223	ug/l	100
95) Naphthalene	13.82	128	903171	48.806	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	268476	47.738	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

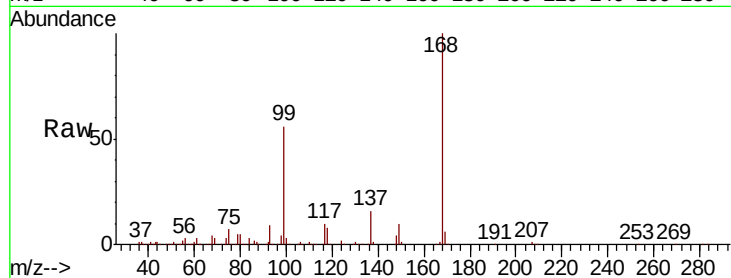
VSTDICCC050

Tot Ion:168 Resp: 317859

Ion Ratio Lower Upper

168 100

99 56.2 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

120000

100000

80000

60000

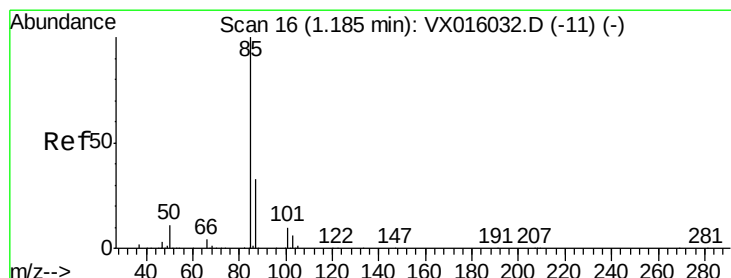
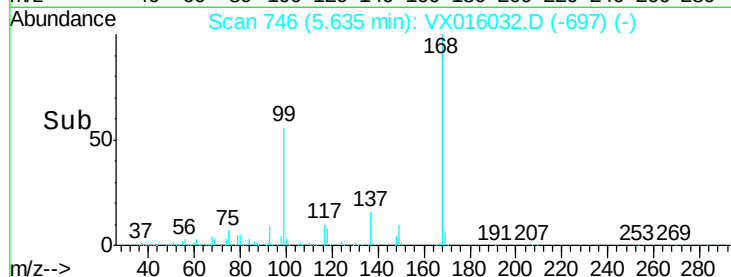
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 51.287 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016032.D

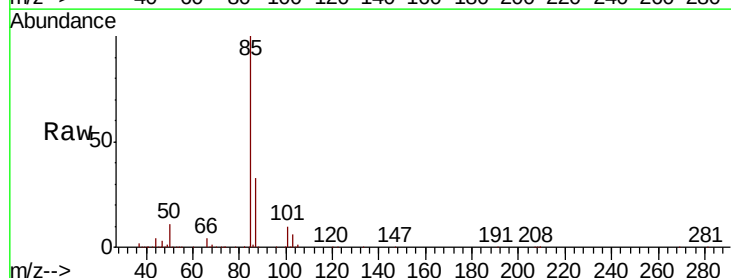
Acq: 04 May 2020 12:47

Tgt Ion: 85 Resp: 171753

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

150000

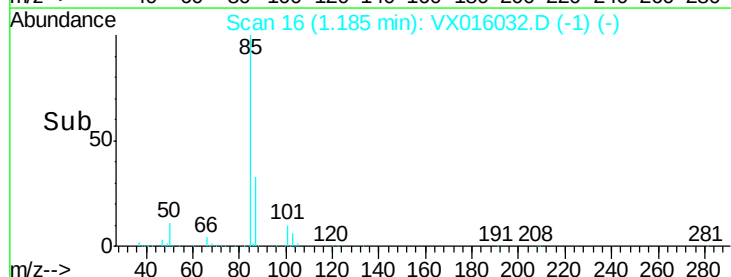
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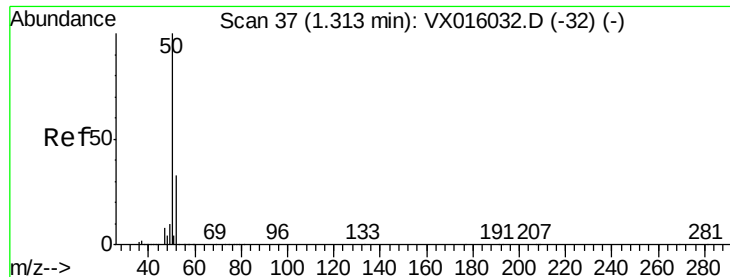
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 48.198 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

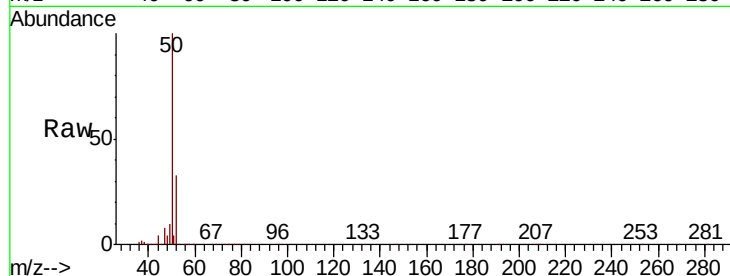
VSTDICCC050

Tot Ion: 50 Resp: 193068

Ion Ratio Lower Upper

50 100

52 32.6 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

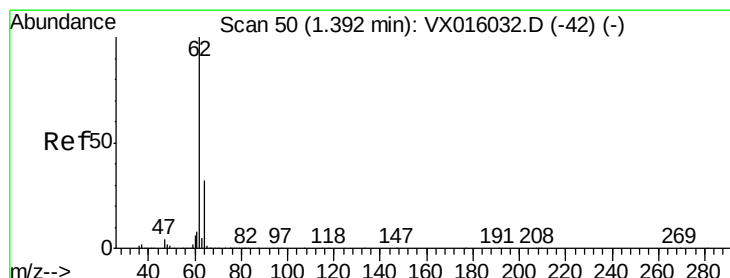
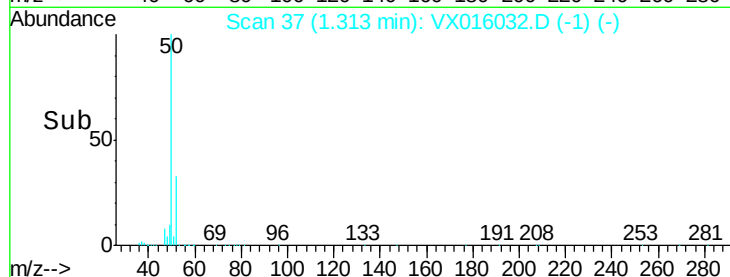
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 48.544 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016032.D

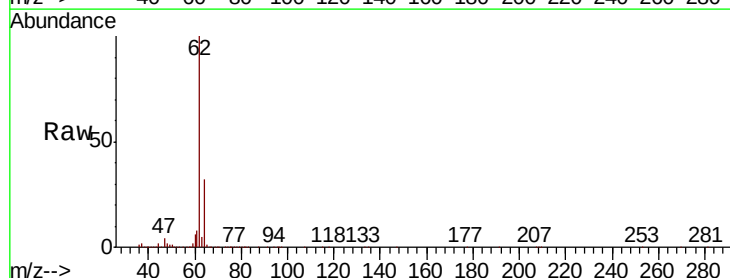
Acq: 04 May 2020 12:47

Tgt Ion: 62 Resp: 204829

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

250000

200000

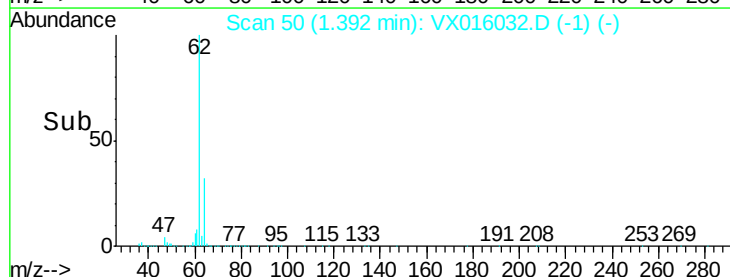
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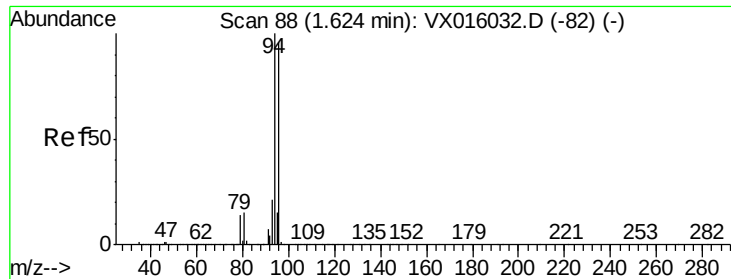
100000

50000

0

Time-->





#5

Bromomethane

Concen: 39.769 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

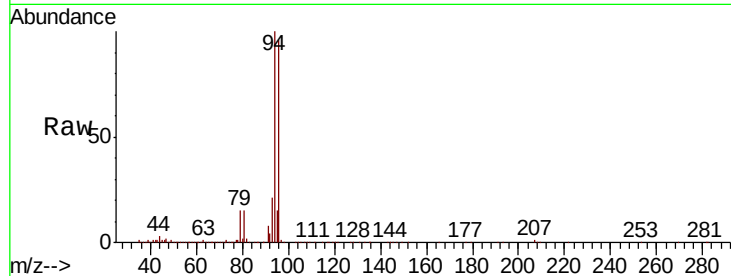
VSTDICCC050

Tot Ion: 94 Resp: 101770

Ion Ratio Lower Upper

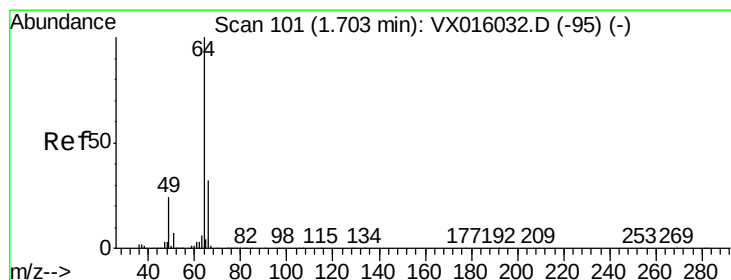
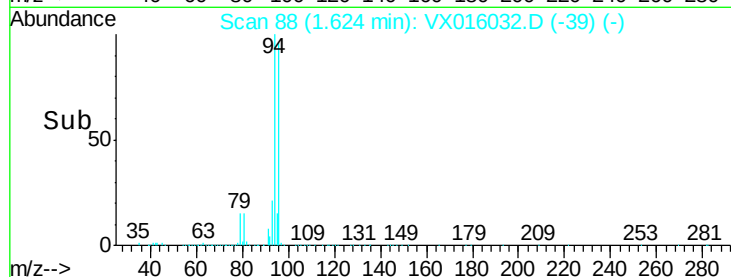
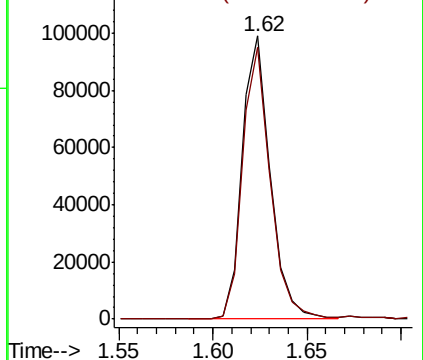
94 100

96 96.1 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.666 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX016032.D

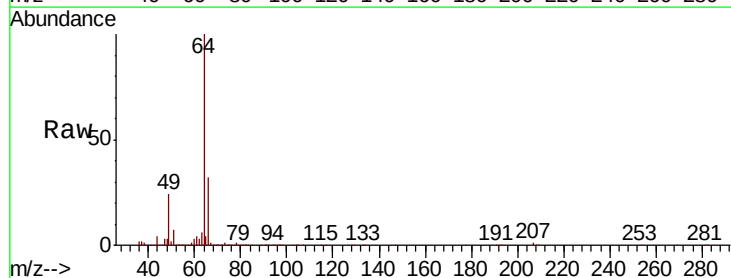
Acq: 04 May 2020 12:47

Tgt Ion: 64 Resp: 128696

Ion Ratio Lower Upper

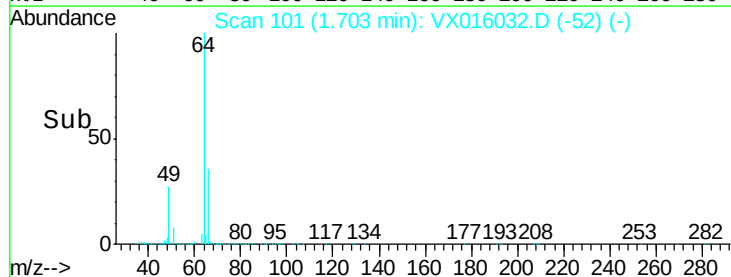
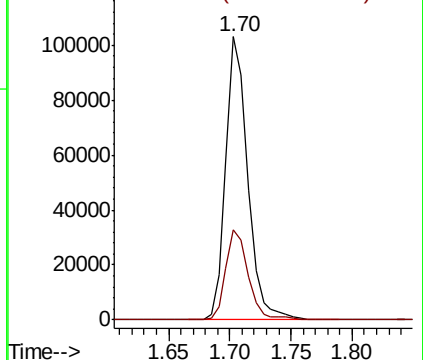
64 100

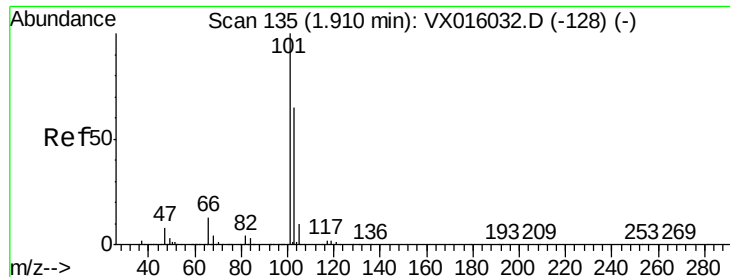
66 31.5 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



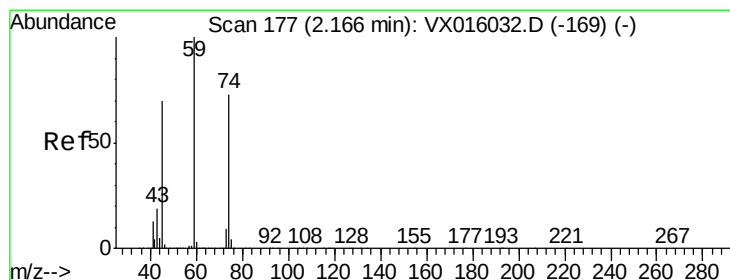
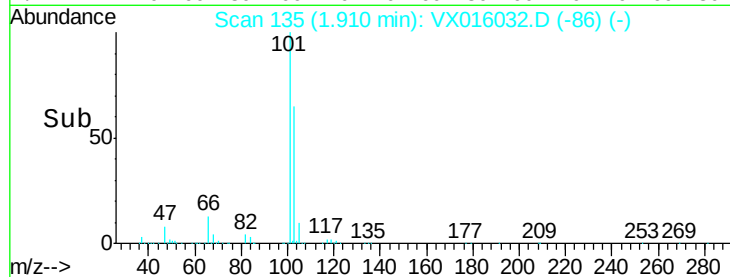
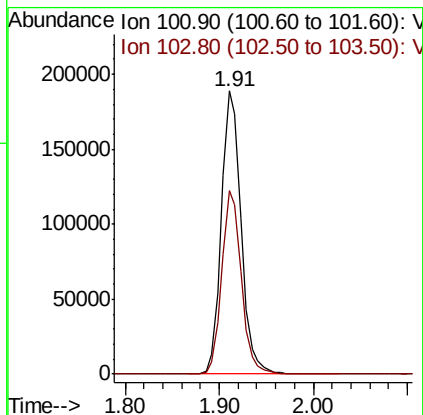
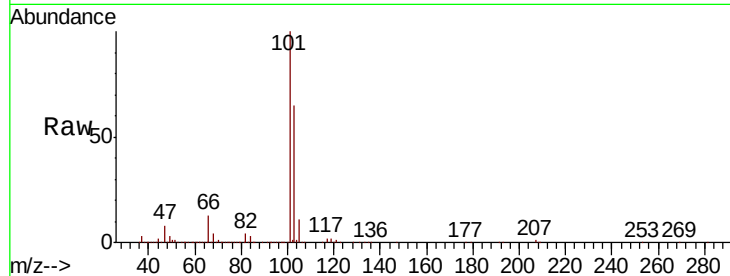


#7

Trichlorofluoromethane
 Concen: 49.677 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. 0.00 min
 Lab File: VX016032.D
 Acq: 04 May 2020 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

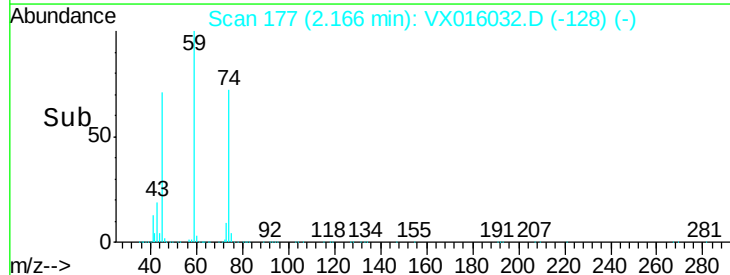
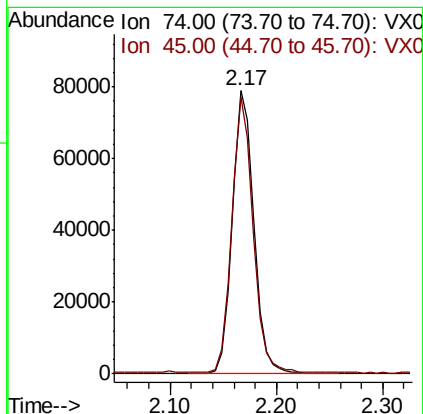
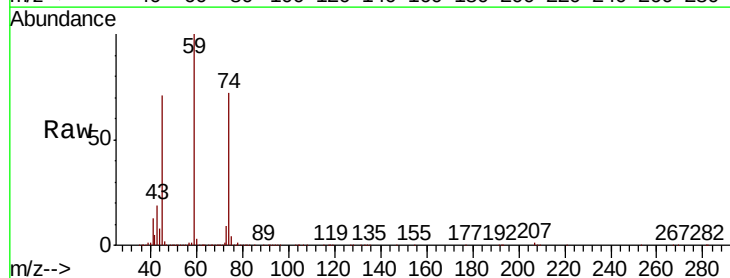
Tot Ion:101 Resp: 274078
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.8 77.6

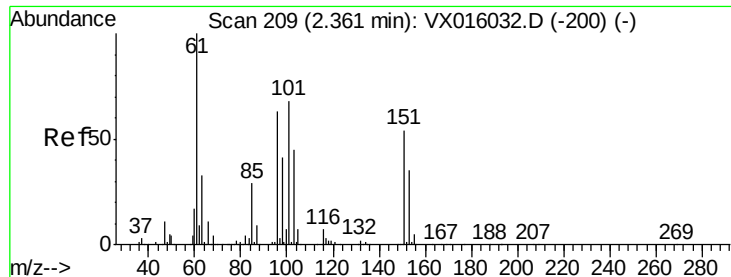


#8

Diethyl Ether
 Concen: 48.189 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX016032.D
 Acq: 04 May 2020 12:47

Tgt Ion: 74 Resp: 112562
 Ion Ratio Lower Upper
 74 100
 45 94.7 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.609 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

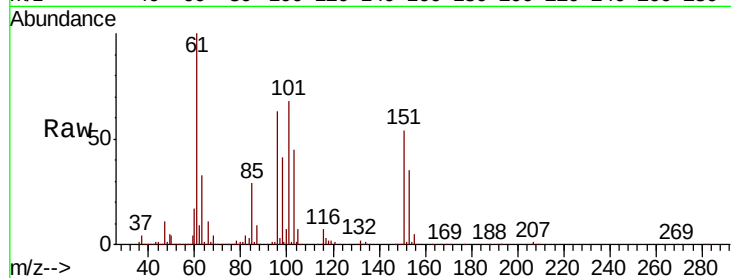
Tot Ion:101 Resp: 157506

Ion Ratio Lower Upper

101 100

85 42.8 34.2 51.4

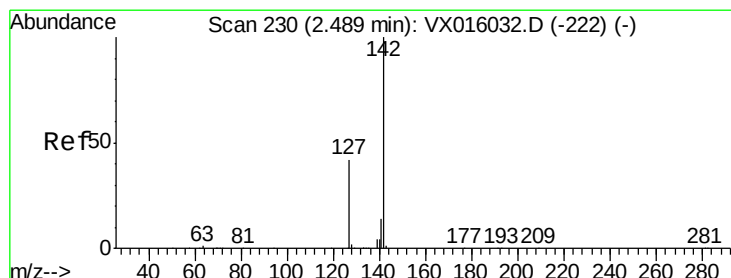
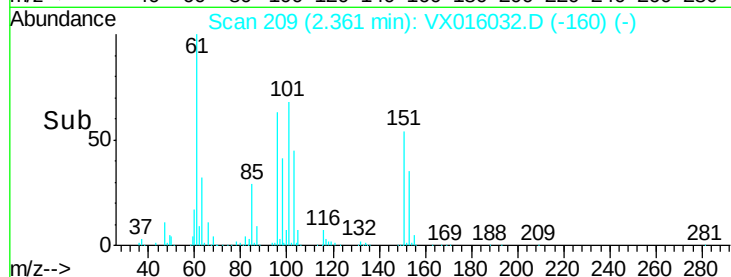
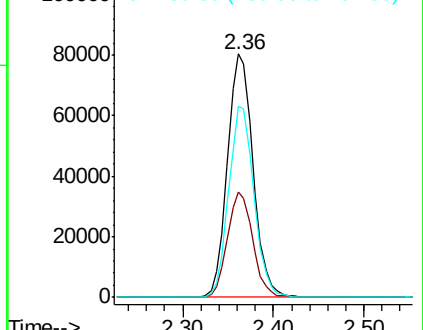
151 77.6 62.1 93.1



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: 54.473 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

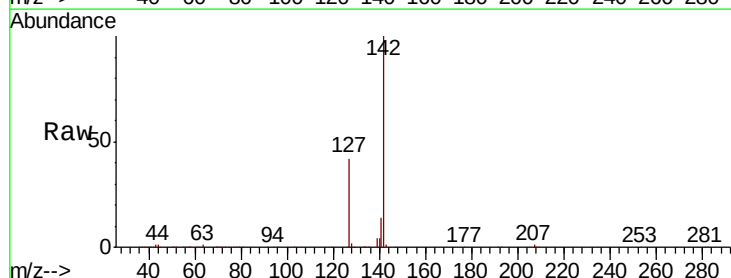
Tgt Ion:142 Resp: 221031

Ion Ratio Lower Upper

142 100

127 43.3 34.6 52.0

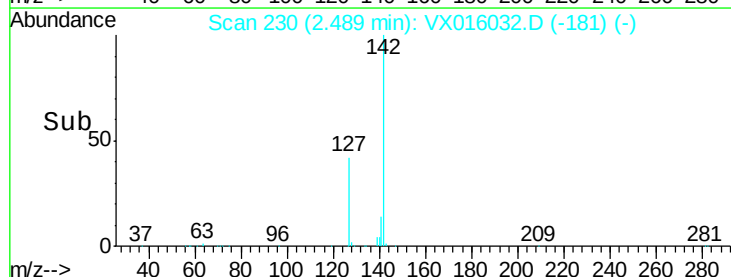
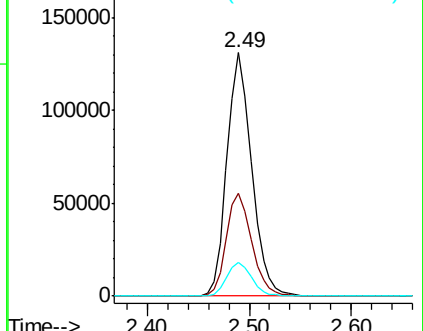
141 14.1 11.3 16.9

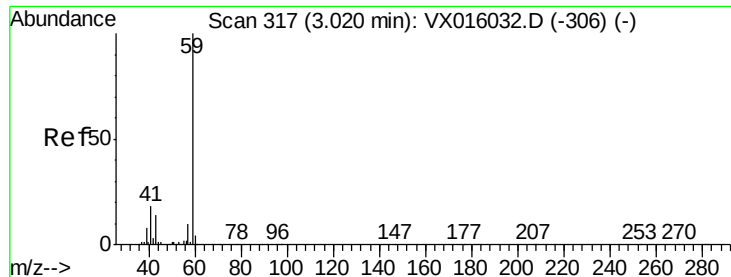


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



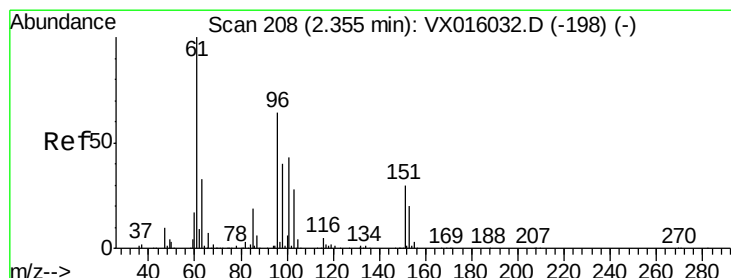
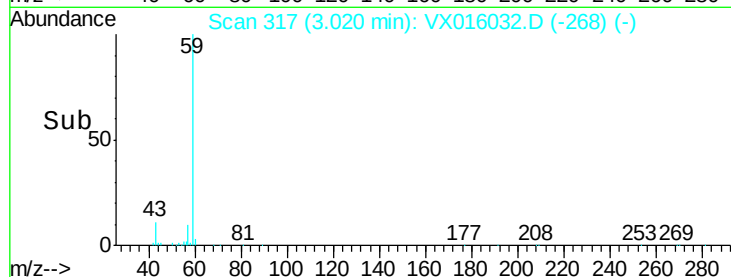
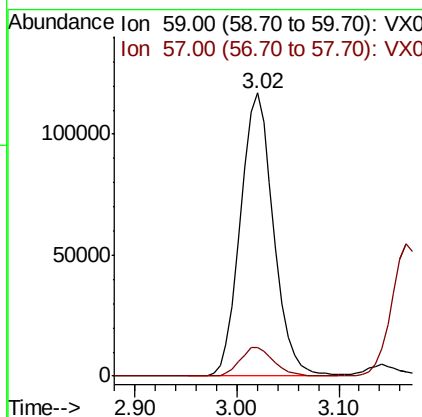
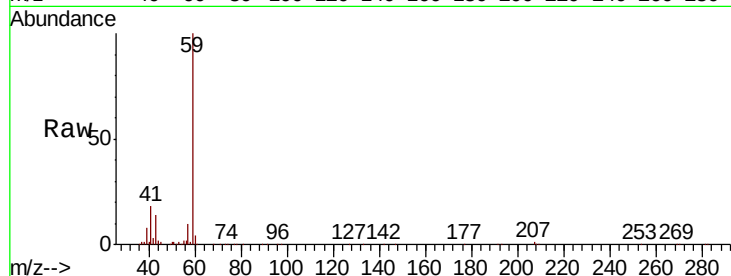


#11

Tert butyl alcohol
 Concen: 255.012 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. 0.00 min
 Lab File: VX016032.D
 Acq: 04 May 2020 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

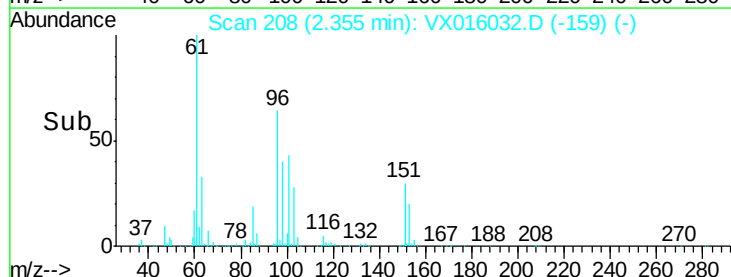
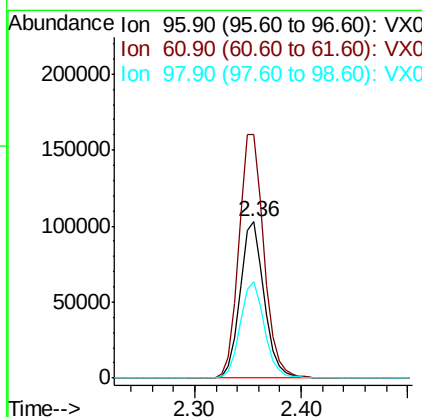
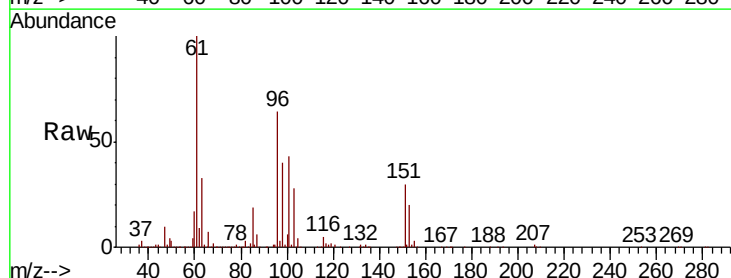
Tot Ion: 59 Resp: 264097
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

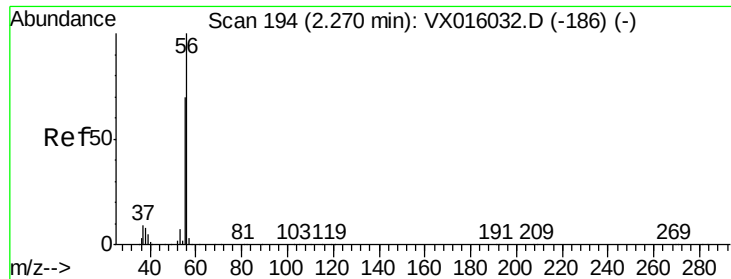


#12

1,1-Dichloroethene
 Concen: 49.031 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX016032.D
 Acq: 04 May 2020 12:47

Tgt Ion: 96 Resp: 163113
 Ion Ratio Lower Upper
 96 100
 61 156.0 124.8 187.2
 98 62.1 49.7 74.5





#13

Acrolein

Concen: 254.344 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

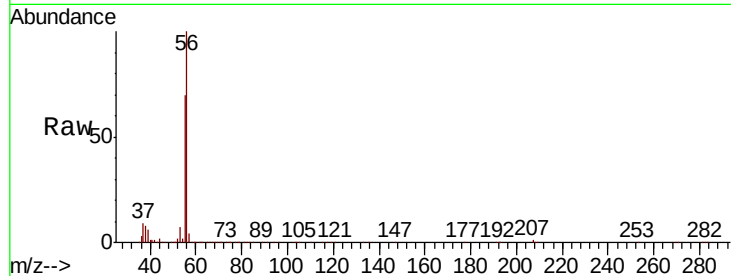
VSTDICCC050

Tot Ion: 56 Resp: 161449

Ion Ratio Lower Upper

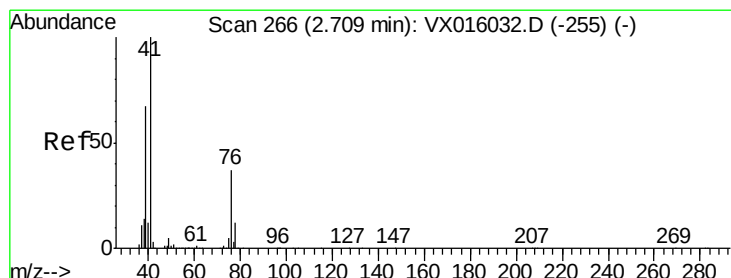
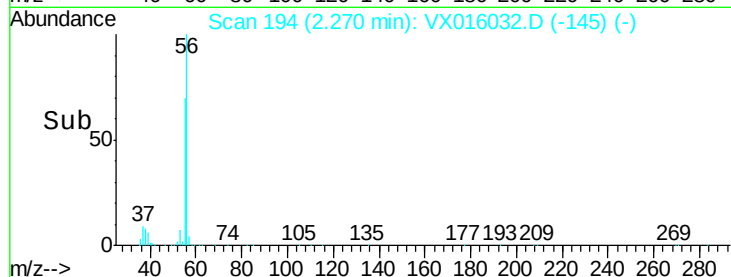
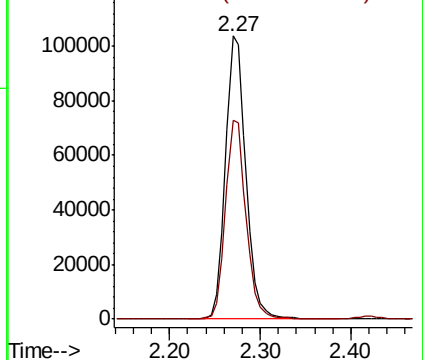
56 100

55 70.6 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.394 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

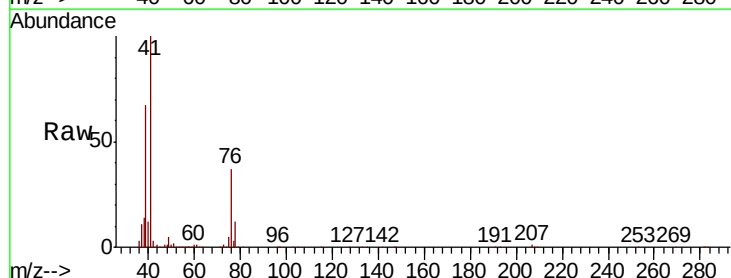
Tgt Ion: 41 Resp: 300107

Ion Ratio Lower Upper

41 100

39 63.1 50.5 75.7

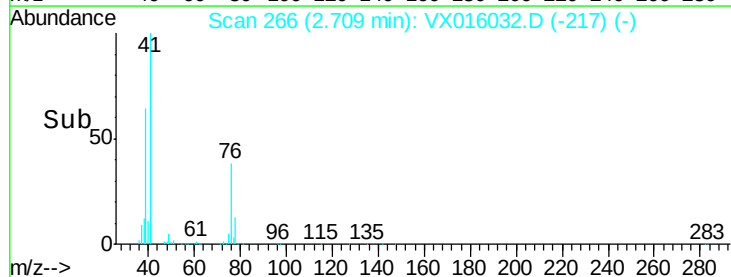
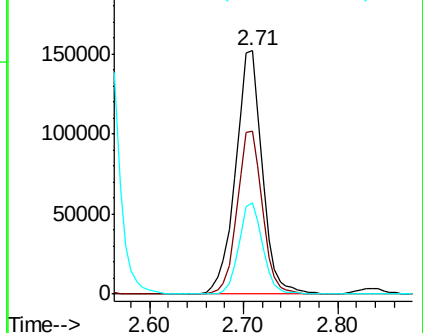
76 33.3 26.6 40.0

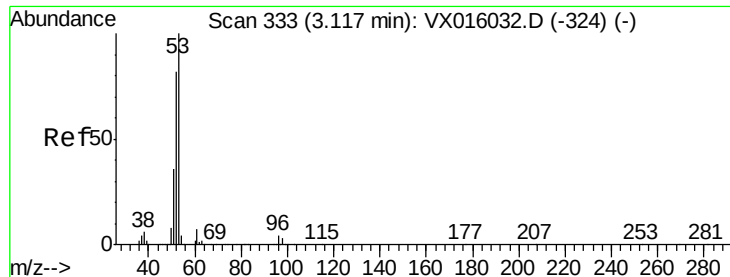


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

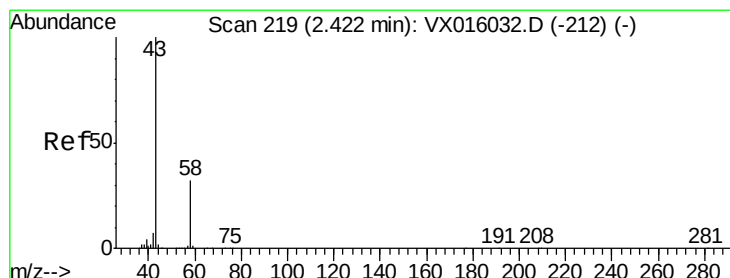
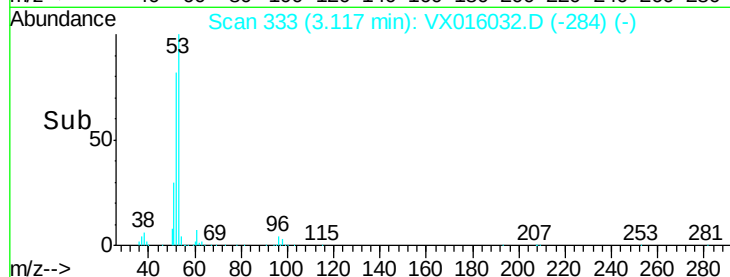
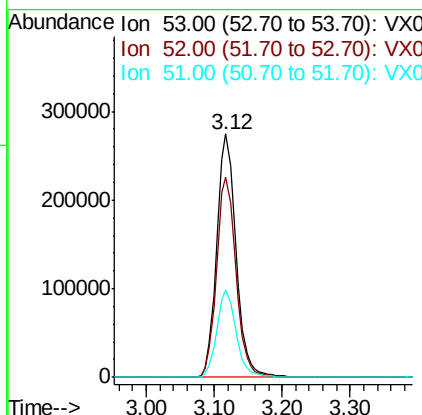
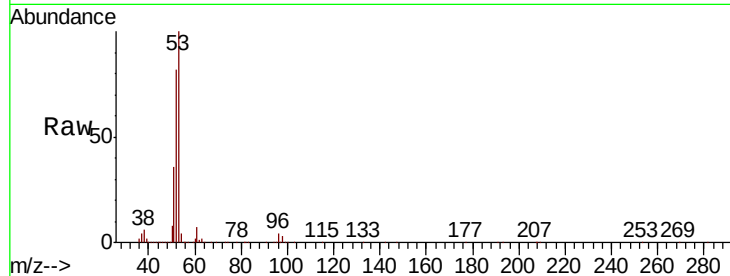




#15
 Acrylonitrile
 Concen: 248.156 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX016032.D
 Acq: 04 May 2020 12:47

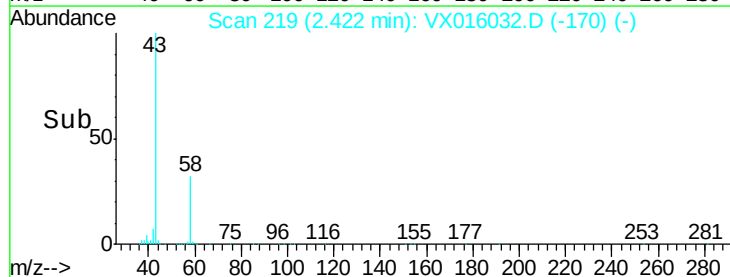
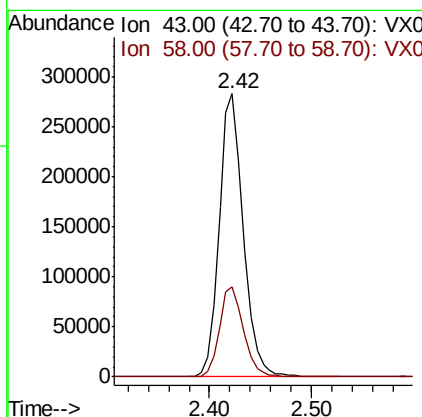
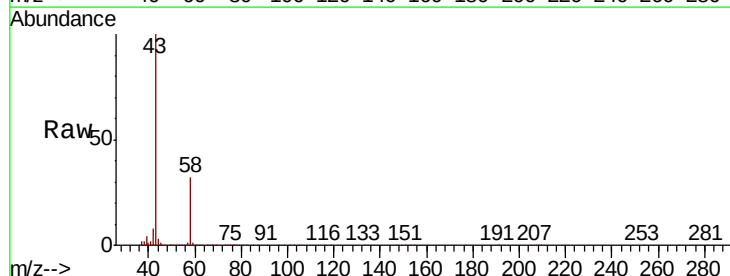
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

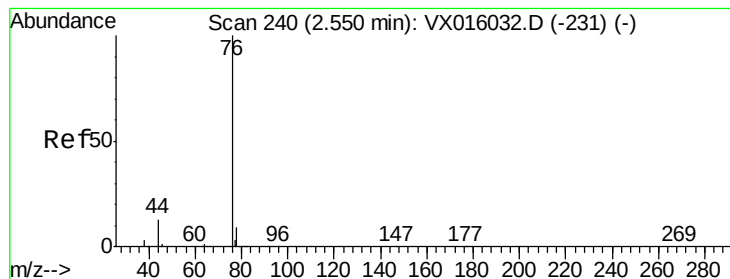
Tot Ion	53	Resp	542693
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.1	99.1
51	36.0	28.8	43.2



#16
 Acetone
 Concen: 246.131 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX016032.D
 Acq: 04 May 2020 12:47

Tgt Ion	43	Resp	461477
Ion	Ratio	Lower	Upper
43	100		
58	31.7	25.4	38.0





#17

Carbon Disulfide

Concen: 41.770 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

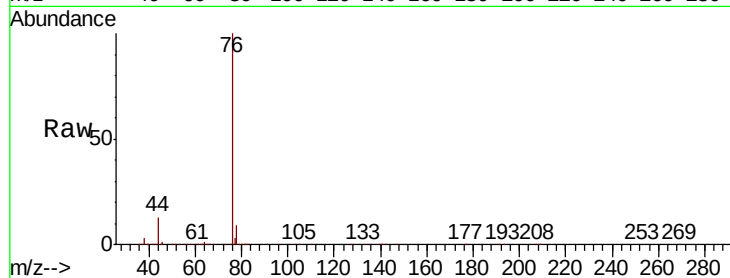
VSTDICCC050

Tot Ion: 76 Resp: 496738

Ion Ratio Lower Upper

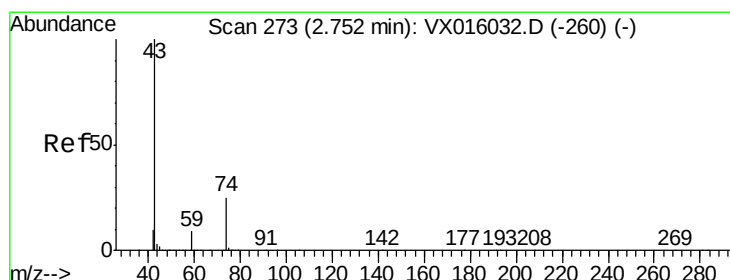
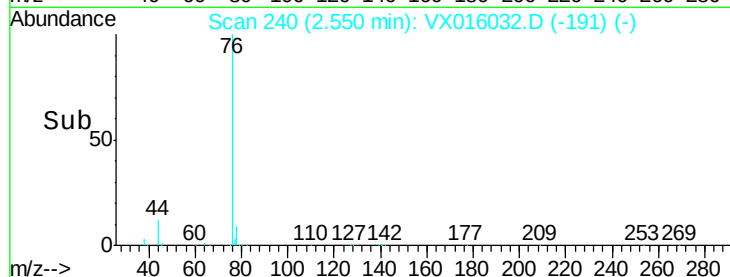
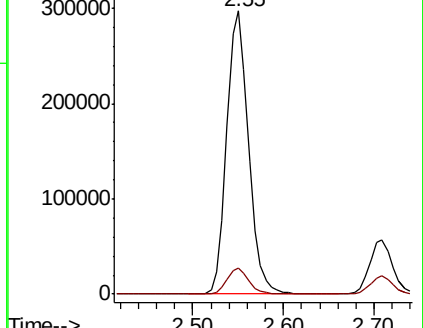
76 100

78 9.4 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 48.907 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX016032.D

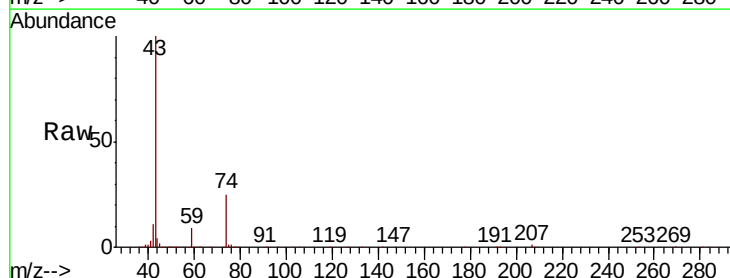
Acq: 04 May 2020 12:47

Tgt Ion: 43 Resp: 225918

Ion Ratio Lower Upper

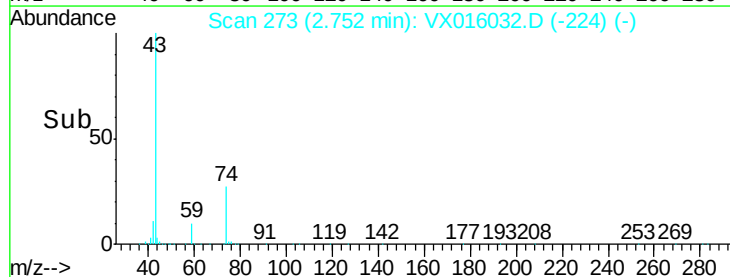
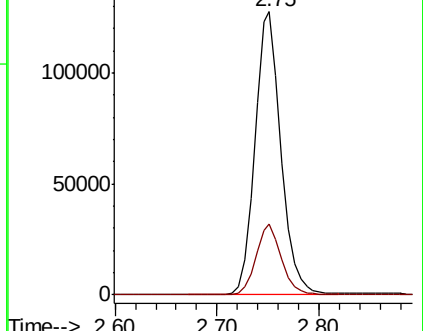
43 100

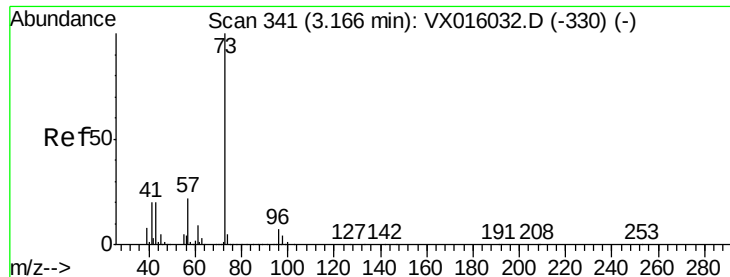
74 25.2 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



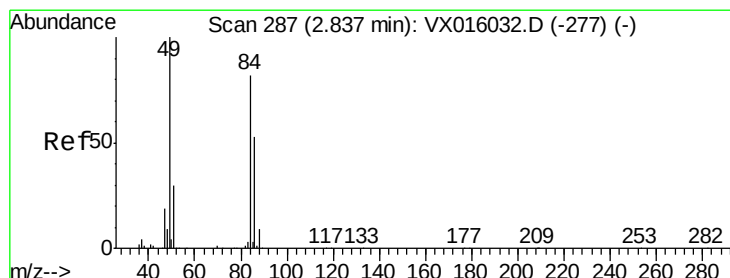
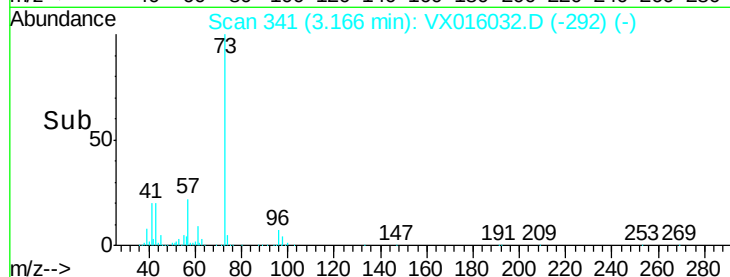
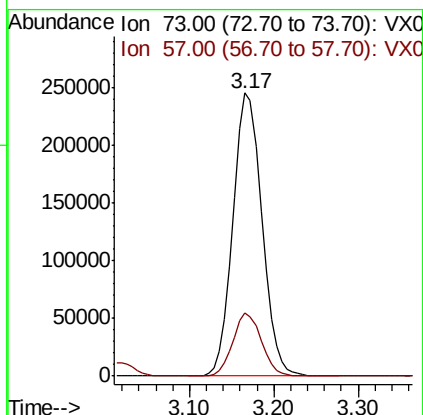
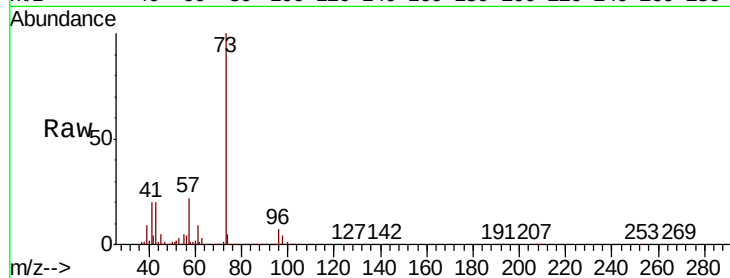


#19

Methyl tert-butyl Ether
 Concen: 50.426 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX016032.D
 Acq: 04 May 2020 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

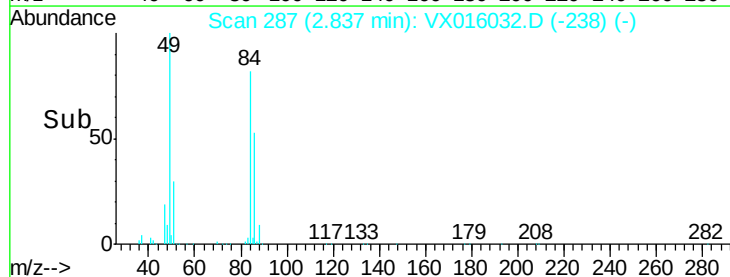
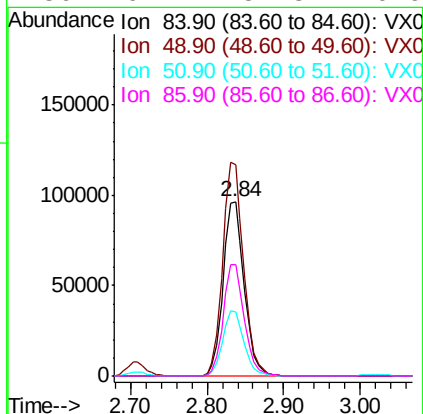
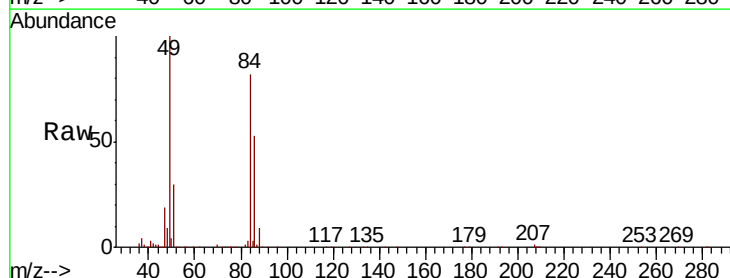
Tot Ion: 73 Resp: 572072
 Ion Ratio Lower Upper
 73 100
 57 22.2 17.8 26.6

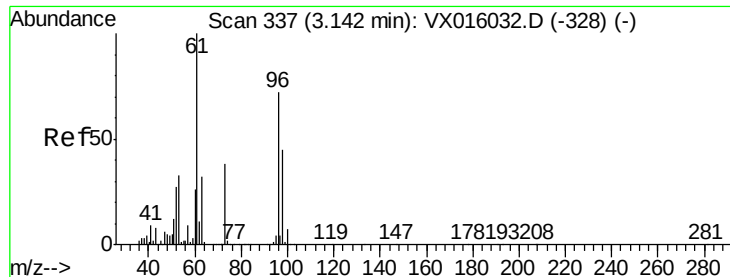


#20

Methylene Chloride
 Concen: 46.272 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX016032.D
 Acq: 04 May 2020 12:47

Tgt Ion: 84 Resp: 183152
 Ion Ratio Lower Upper
 84 100
 49 121.6 97.3 145.9
 51 36.6 29.3 43.9
 86 64.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 46.743 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

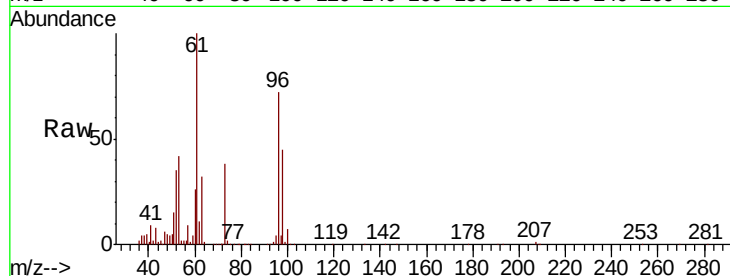
Tot Ion: 96 Resp: 174753

Ion Ratio Lower Upper

96 100

61 139.0 111.2 166.8

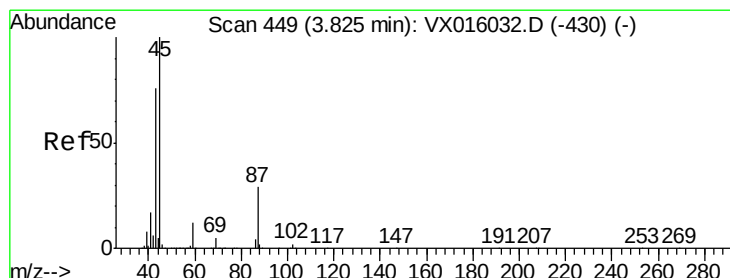
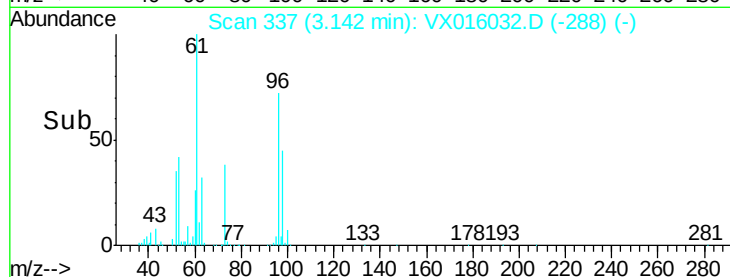
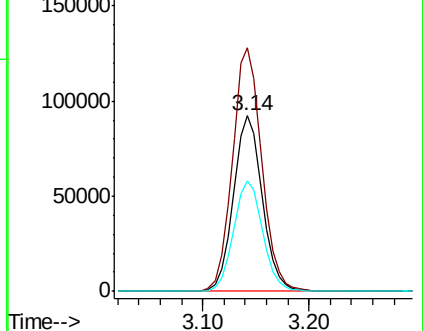
98 62.8 50.2 75.4



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



#22

Diisopropyl ether

Concen: 49.364 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Tgt Ion: 45 Resp: 566210

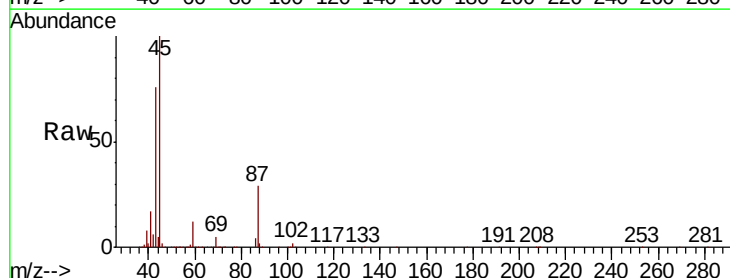
Ion Ratio Lower Upper

45 100

43 76.4 61.1 91.7

87 28.8 23.0 34.6

59 12.2 9.8 14.6

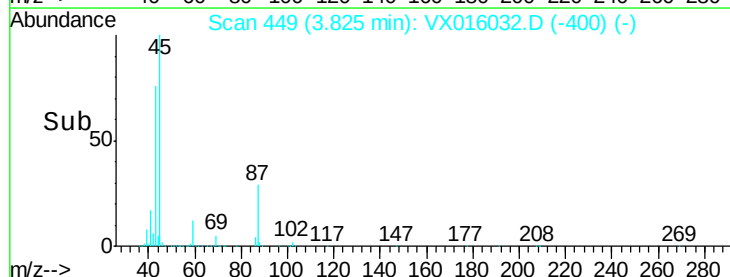
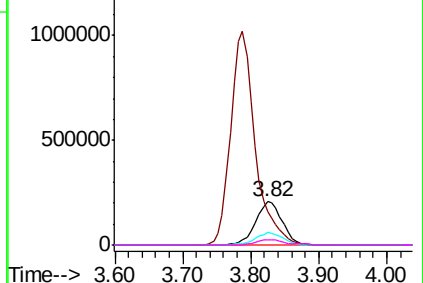


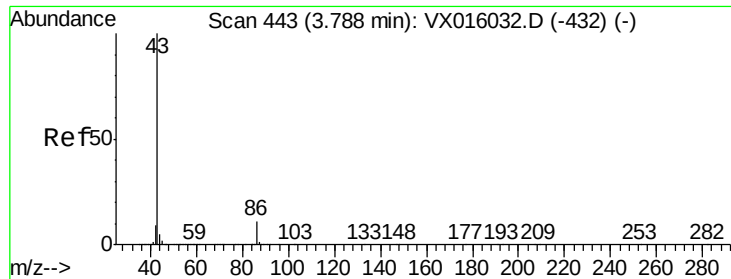
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 257.946 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

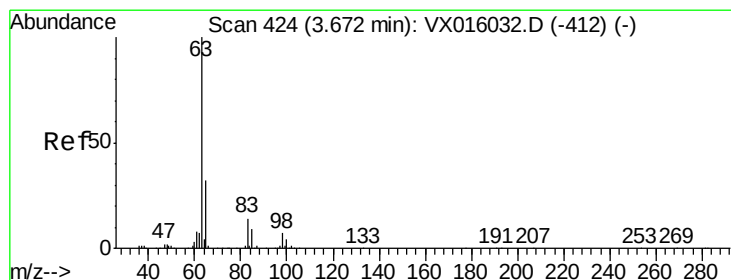
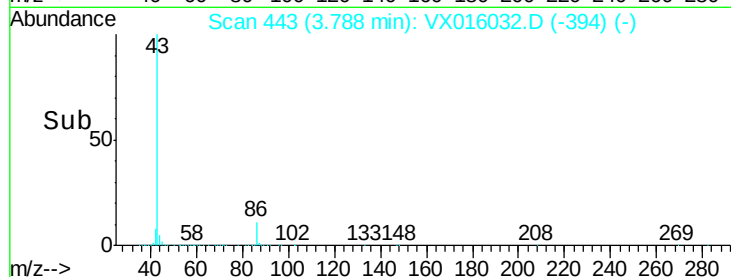
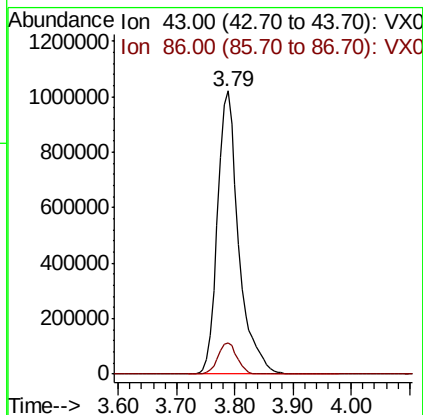
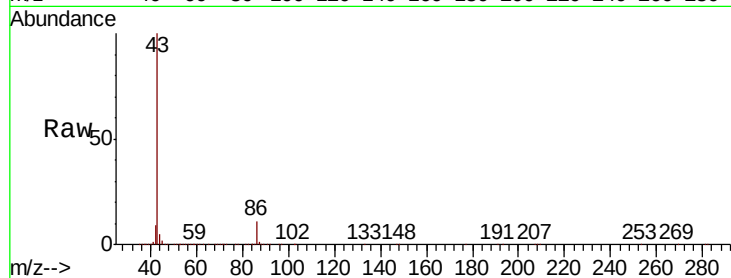
VSTDICCC050

Tot Ion: 43 Resp: 2561097

Ion Ratio Lower Upper

43 100

86 11.2 9.0 13.4



#24

1,1-Dichloroethane

Concen: 49.483 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

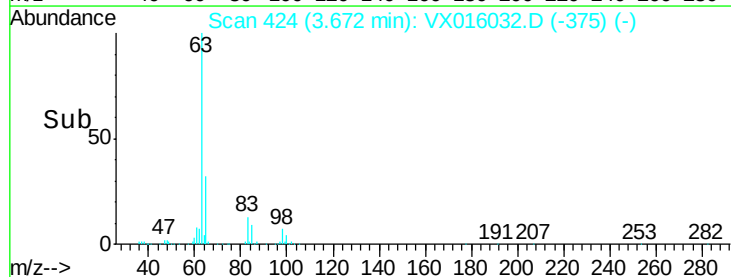
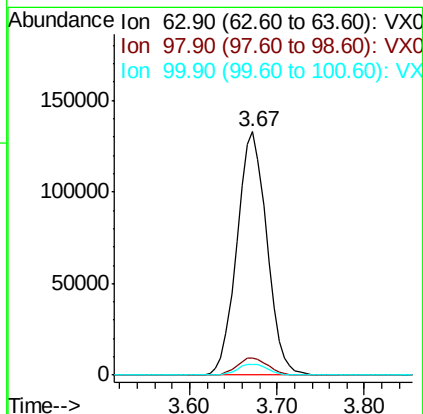
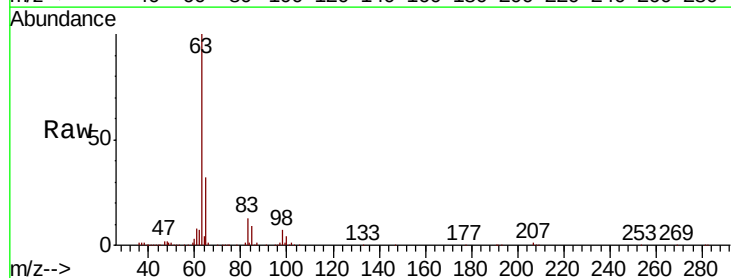
Tgt Ion: 63 Resp: 316536

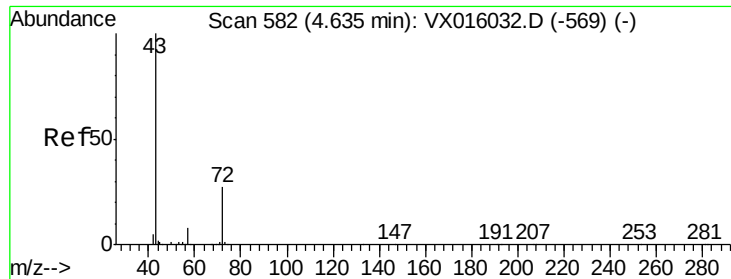
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

100 4.3 2.1 6.5





#25

2-Butanone

Concen: 257.833 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

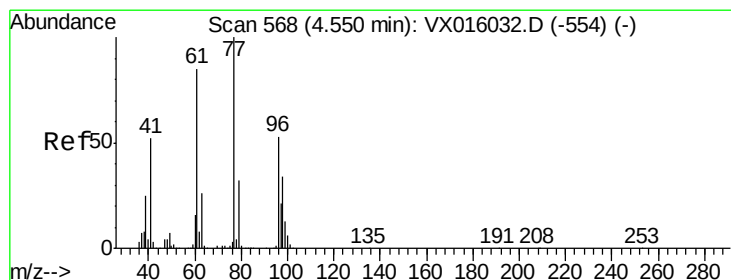
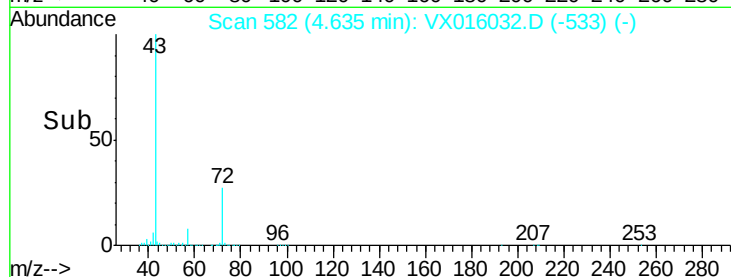
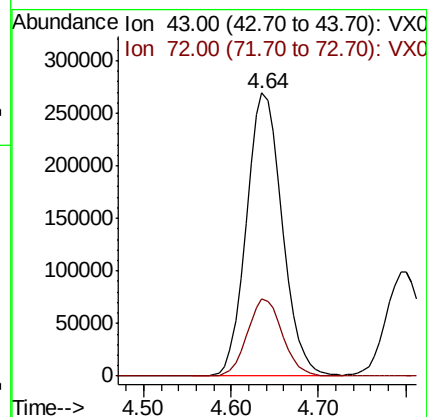
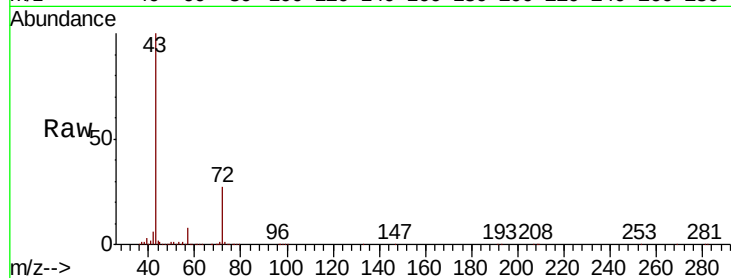
VSTDICCC050

Tot Ion: 43 Resp: 763762

Ion Ratio Lower Upper

43 100

72 27.3 21.8 32.8



#26

2,2-Dichloropropane

Concen: 48.063 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016032.D

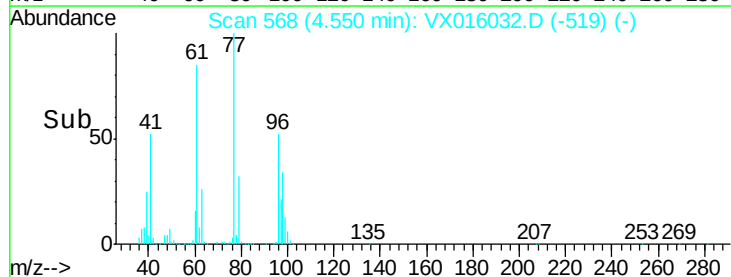
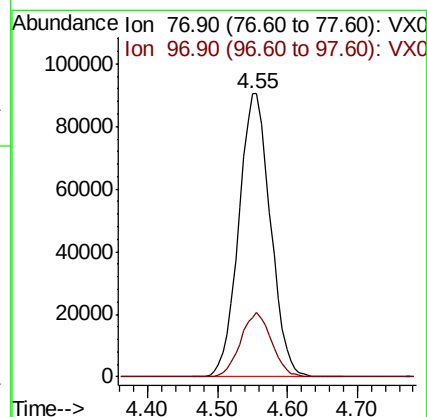
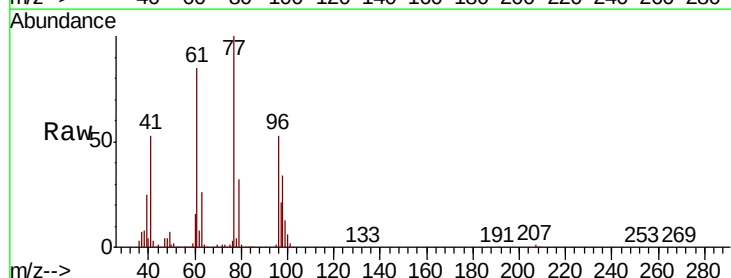
Acq: 04 May 2020 12:47

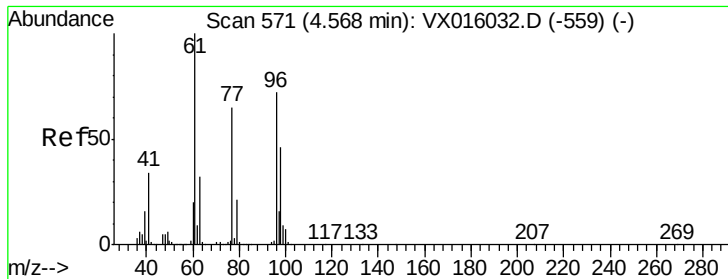
Tgt Ion: 77 Resp: 284491

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.6



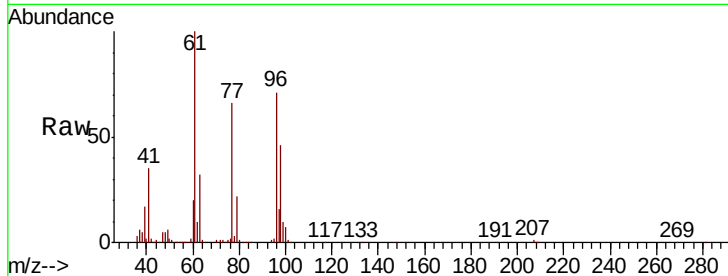


#27

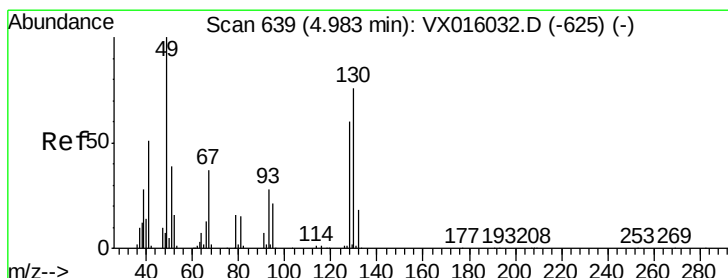
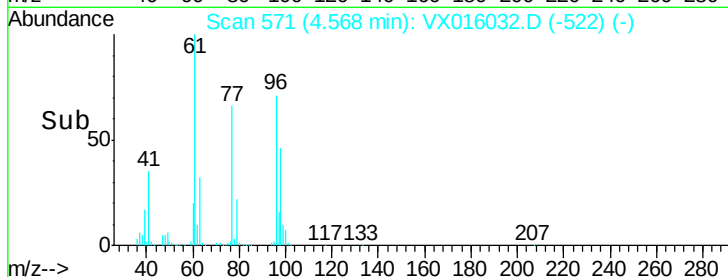
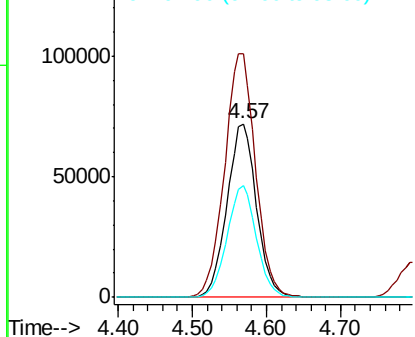
cis-1,2-Dichloroethene
Concen: 49.241 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.1	0.0	296.2
98	64.7	0.0	129.4



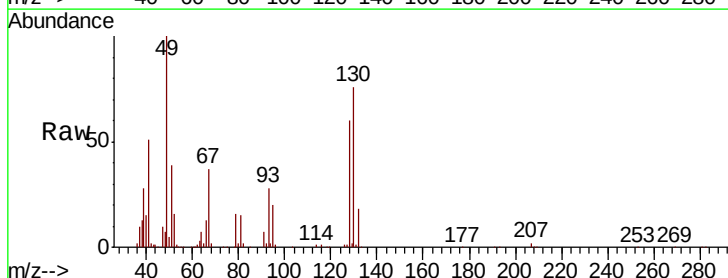
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



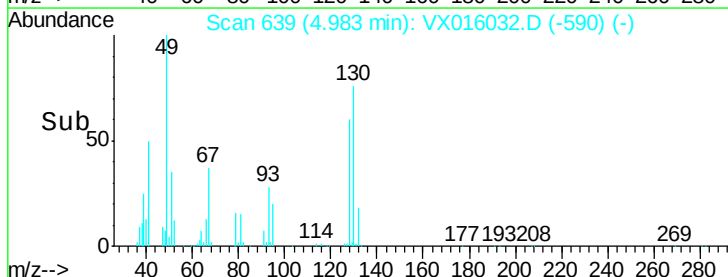
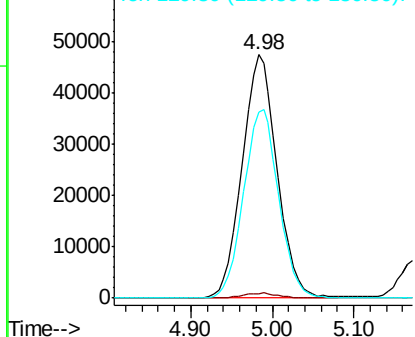
#28

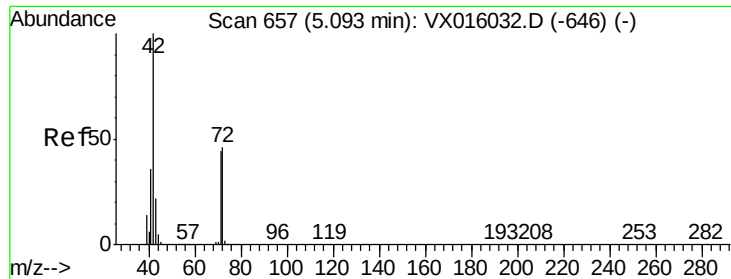
Bromochloromethane
Concen: 48.518 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	78.0	62.4	93.6



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: 254.339 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

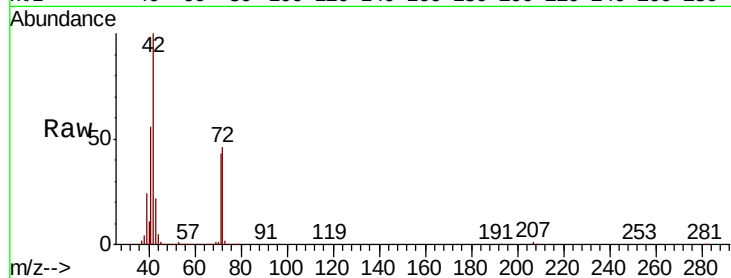
Tot Ion: 42 Resp: 501702

Ion Ratio Lower Upper

42 100

72 46.4 37.1 55.7

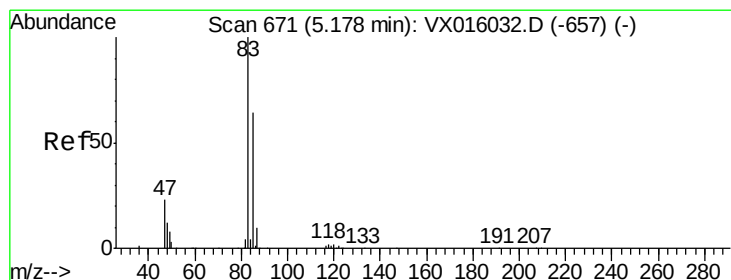
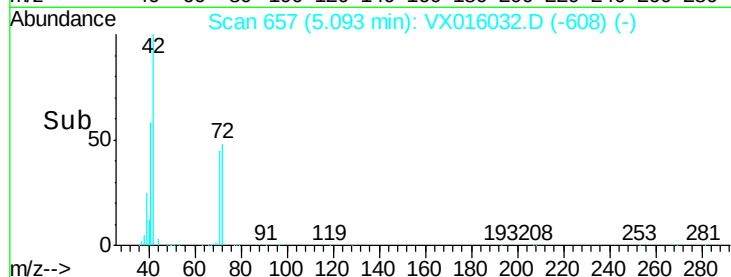
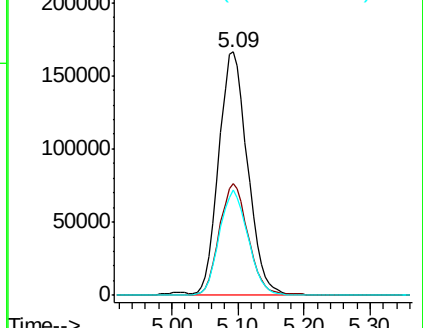
71 43.1 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.781 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX016032.D

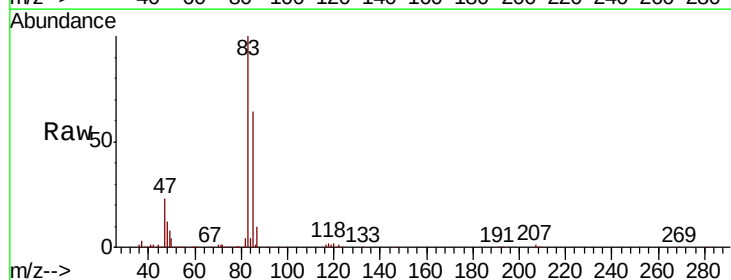
Acq: 04 May 2020 12:47

Tgt Ion: 83 Resp: 317320

Ion Ratio Lower Upper

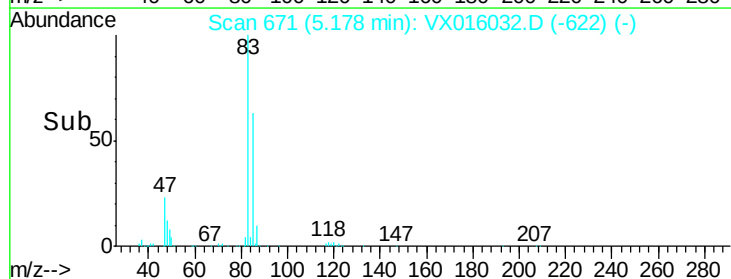
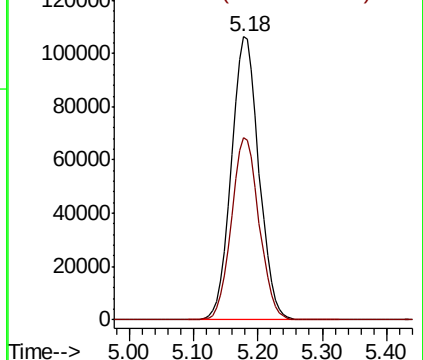
83 100

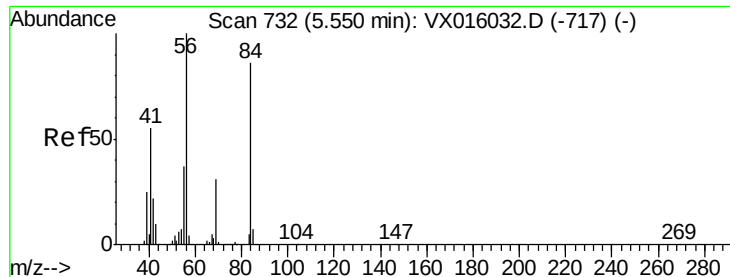
85 64.5 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

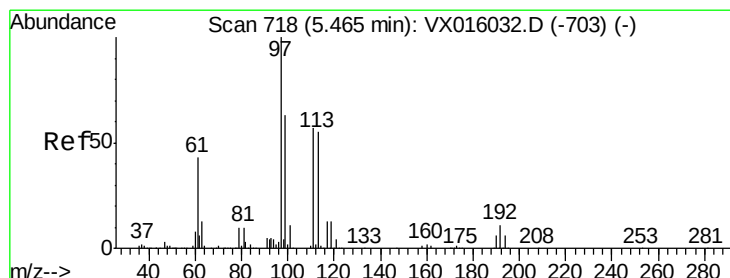
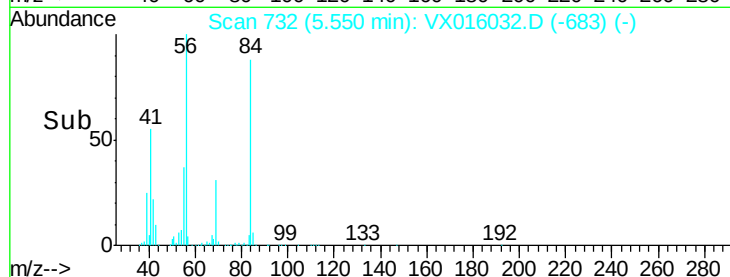
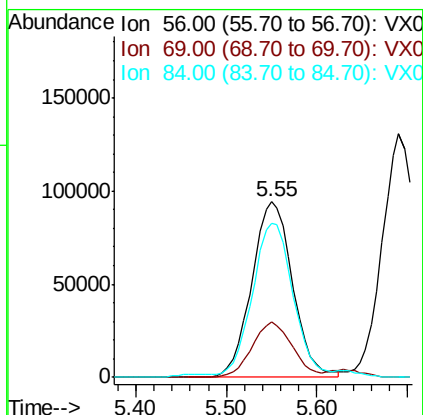
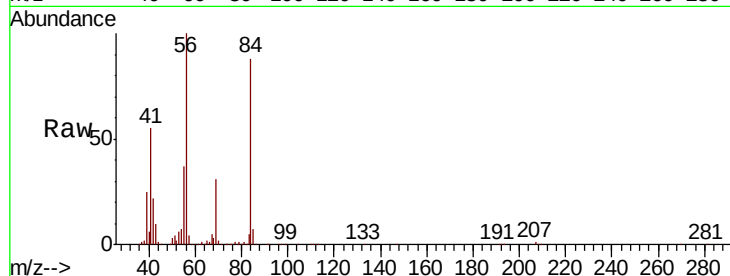




#31
Cyclohexane
Concen: 49.162 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

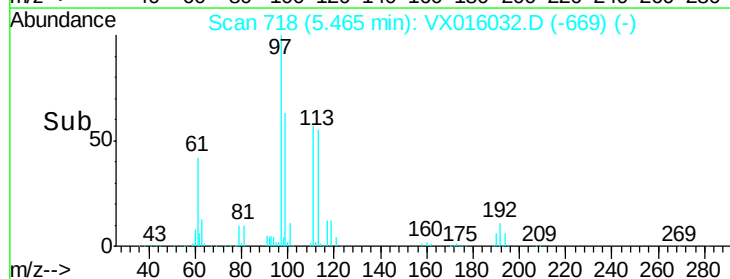
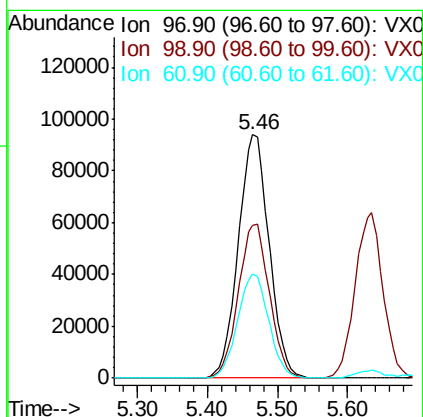
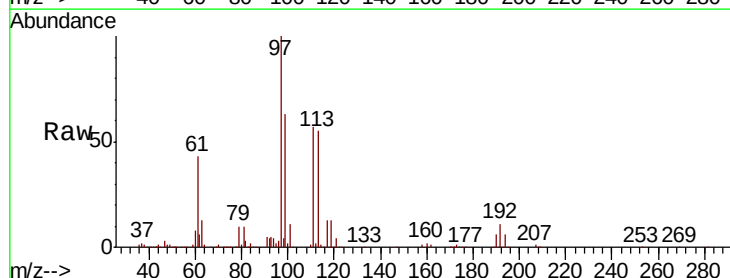
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

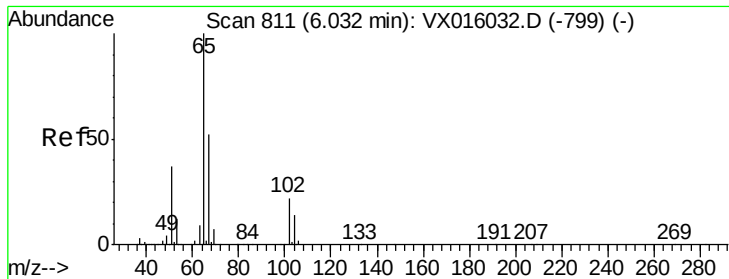
Tot Ion	56	Resp	293438
Ion Ratio	Lower	Upper	
56	100		
69	31.3	25.0	37.6
84	86.3	69.0	103.6



#32
1,1,1-Trichloroethane
Concen: 49.754 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Tgt Ion	97	Resp	287930
Ion Ratio	Lower	Upper	
97	100		
99	63.7	51.0	76.4
61	43.1	34.5	51.7

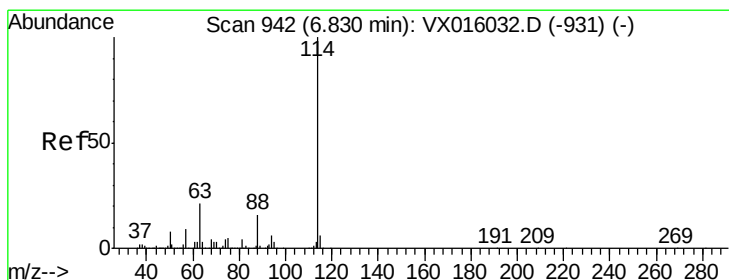
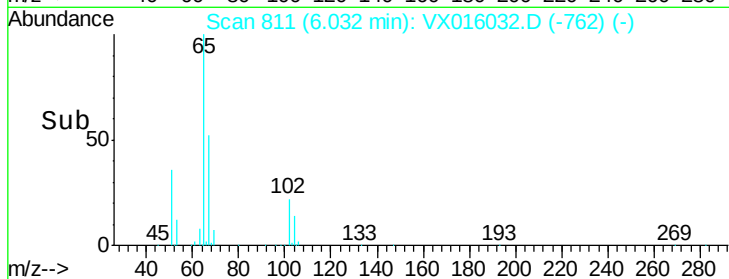
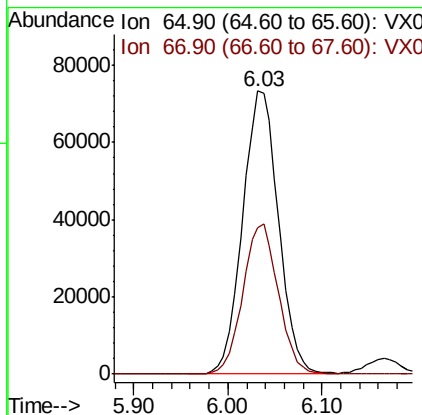
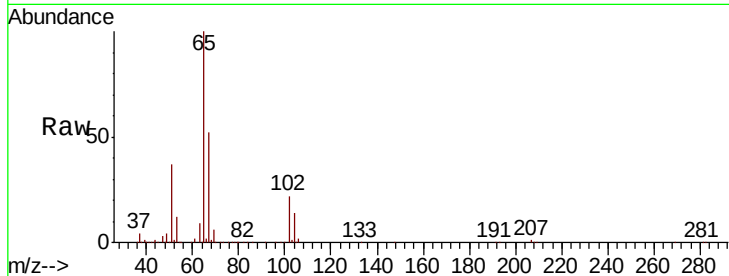




#33
 1,2-Dichloroethane-d4
 Concen: 40.421 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016032.D
 Acq: 04 May 2020 12:47

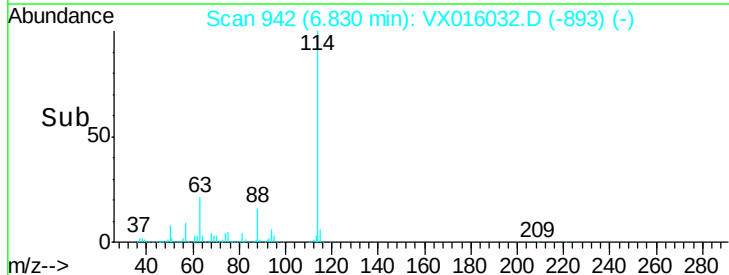
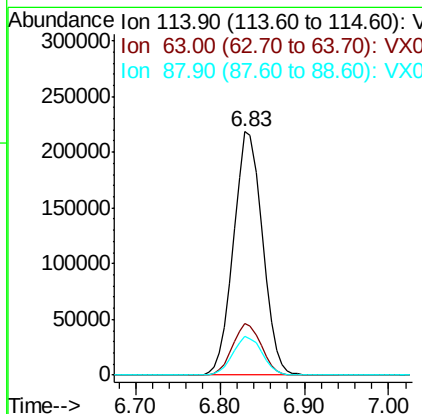
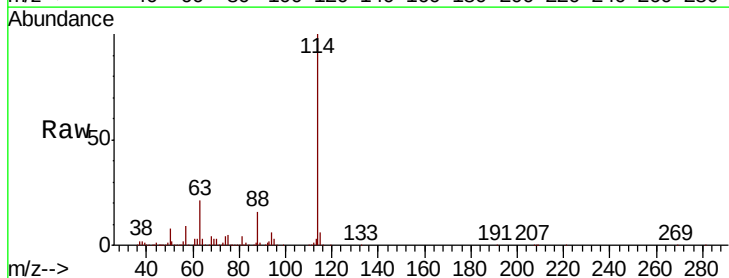
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

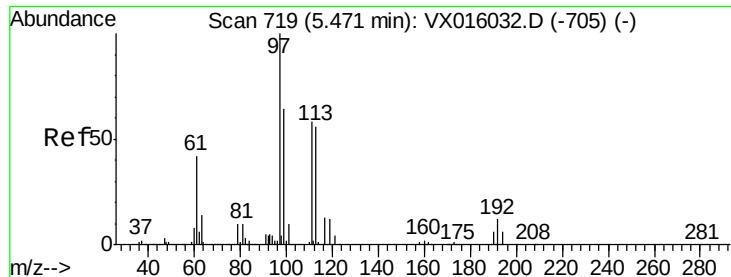
Tot Ion: 65 Resp: 195772
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016032.D
 Acq: 04 May 2020 12:47

Tgt Ion: 114 Resp: 508114
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.8
 88 15.7 0.0 31.4

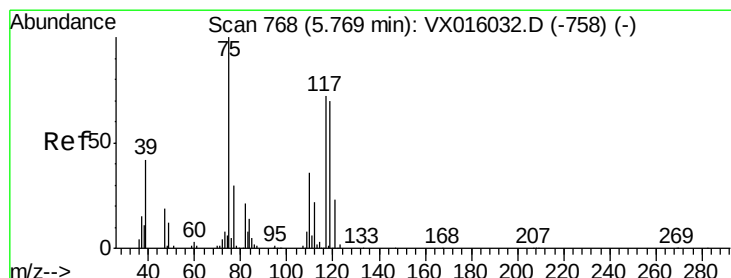
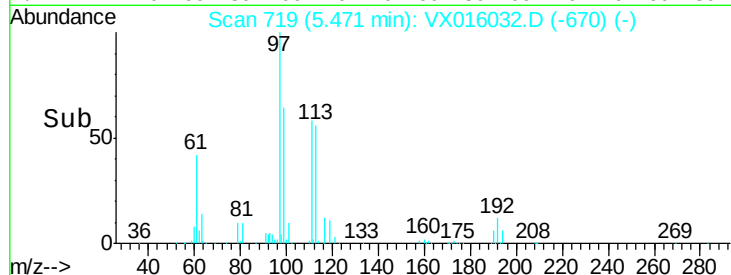
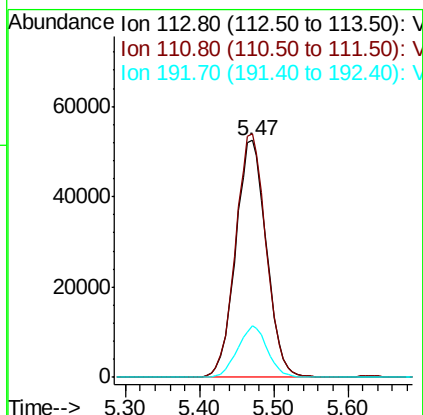
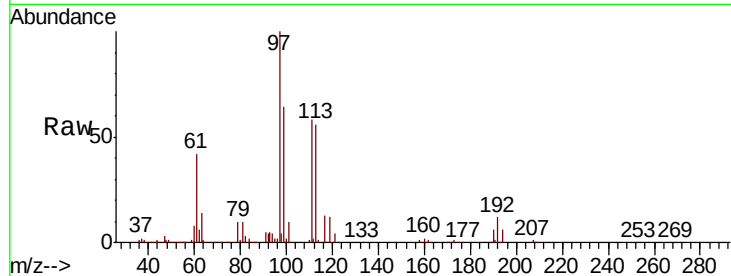




#35
 Dibromofluoromethane
 Concen: 42.247 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: VX016032.D
 Acq: 04 May 2020 12:47

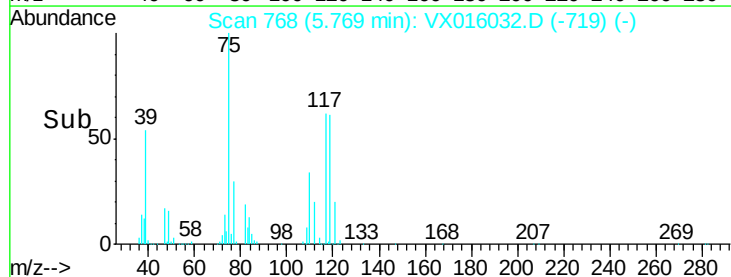
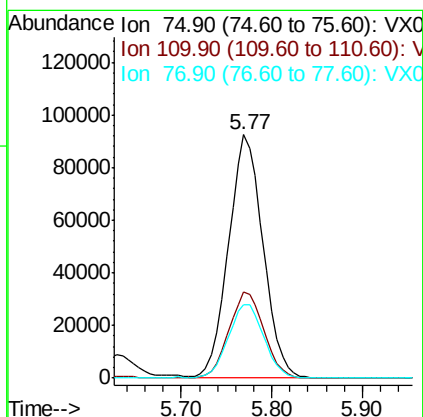
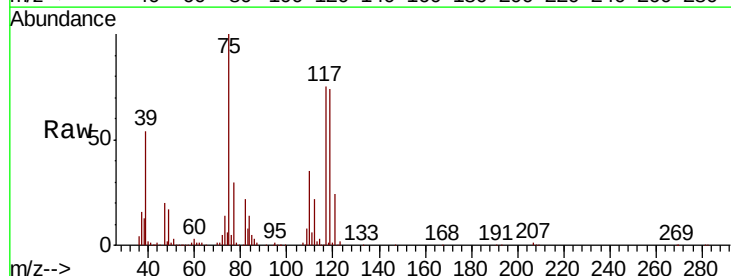
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

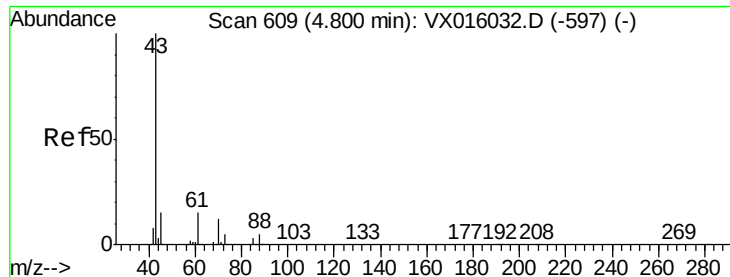
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.6	122.4
192	21.2	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 47.877 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX016032.D
 Acq: 04 May 2020 12:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.1	54.1
77	31.3	25.0	37.6

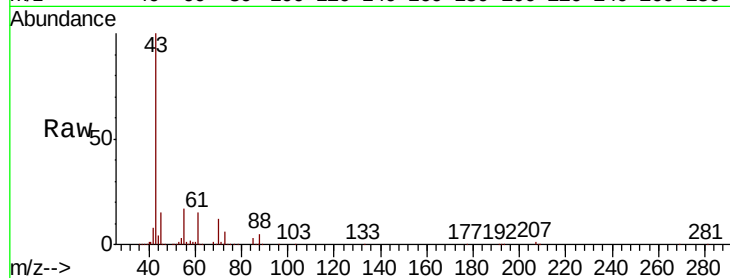




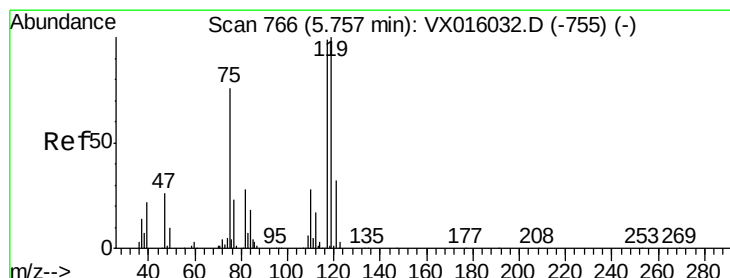
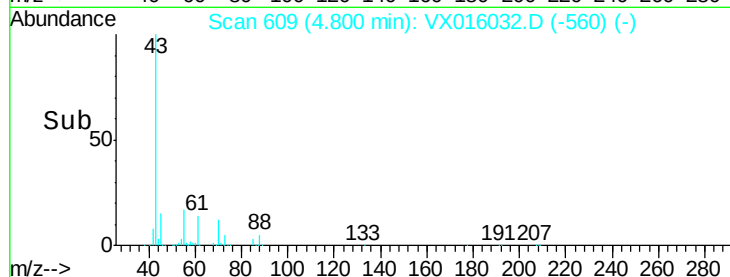
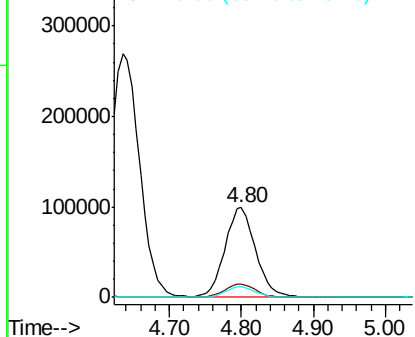
#37
Ethyl Acetate
Concen: 50.429 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	43	Resp	291261
Ion Ratio	100		
Lower	11.7		
Upper	17.5		
70	11.6	9.3	13.9

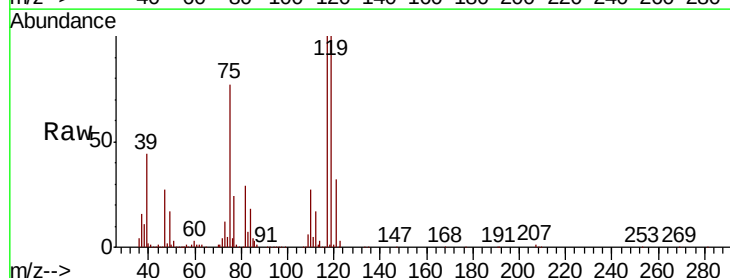


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

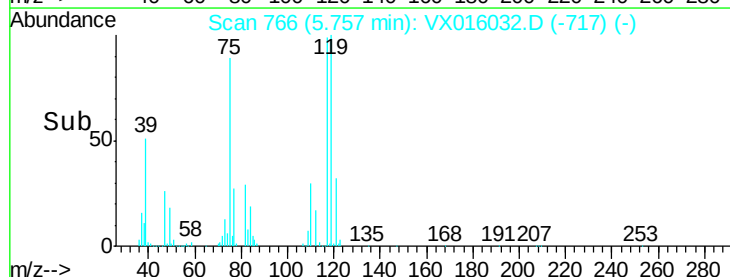
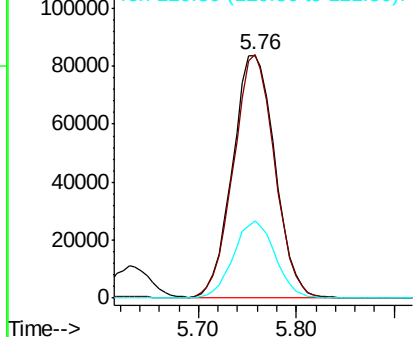


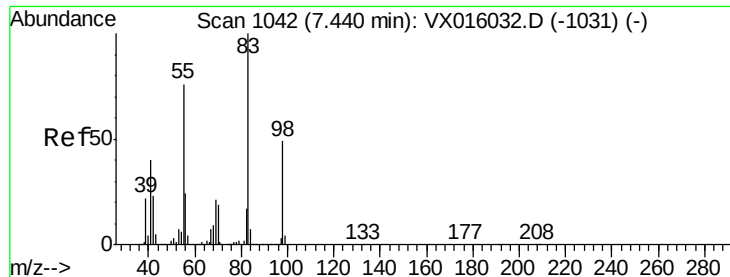
#38
Carbon Tetrachloride
Concen: 49.538 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Tgt Ion	117	Resp	252485
Ion Ratio	100		
Lower	80.3		
Upper	120.5		
119	100.4	25.7	38.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

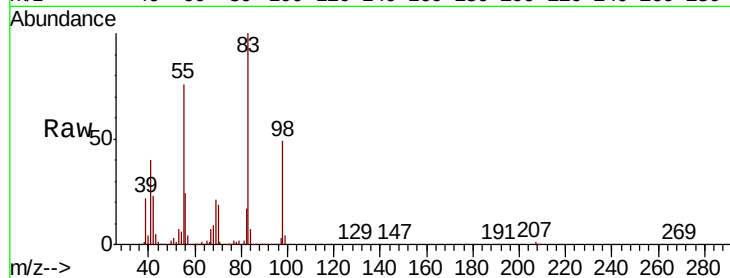




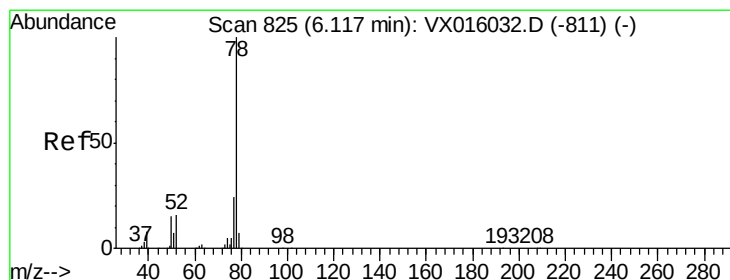
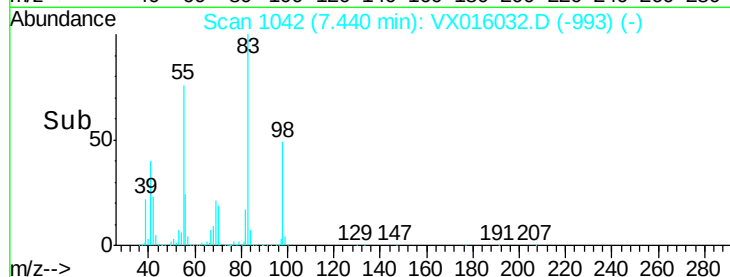
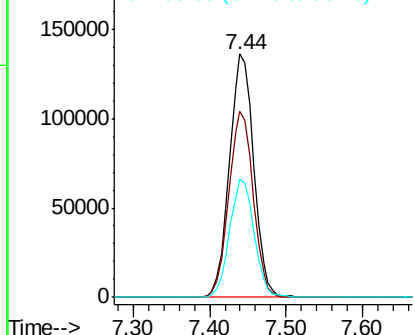
#39
Methylvlcyclohexane
Concen: 49.398 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 83 Resp: 298781
Ion Ratio Lower Upper
83 100
55 76.4 61.1 91.7
98 48.7 39.0 58.4

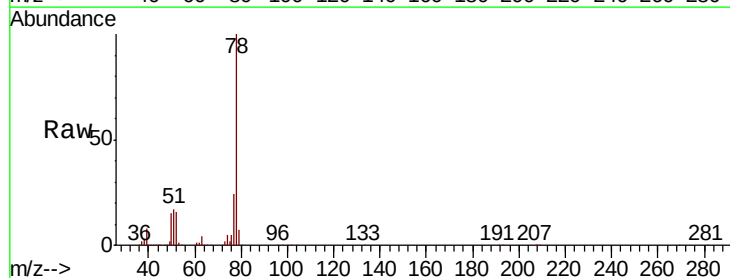


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

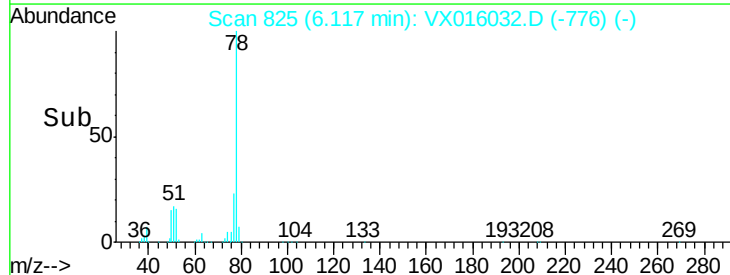
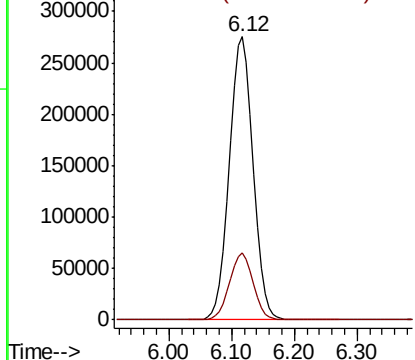


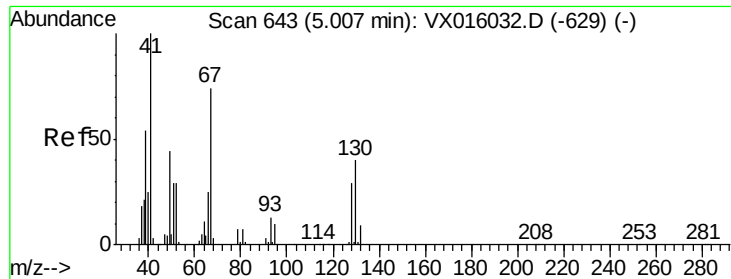
#40
Benzene
Concen: 48.483 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Tgt Ion: 78 Resp: 719651
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4



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

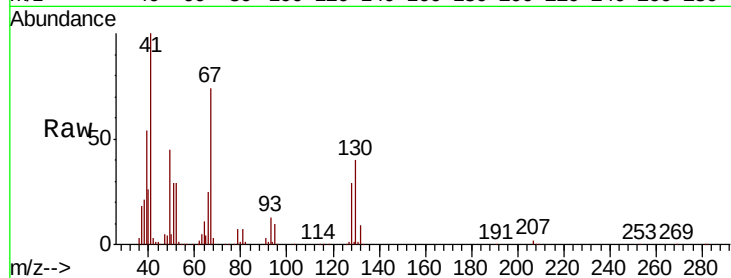




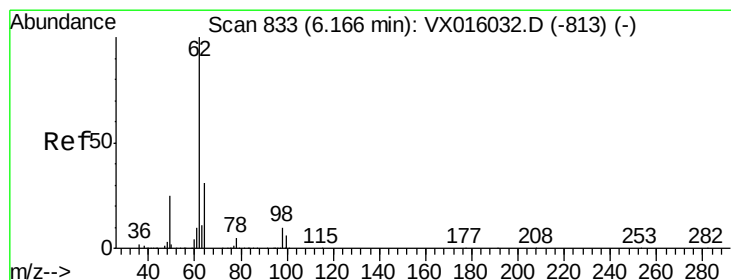
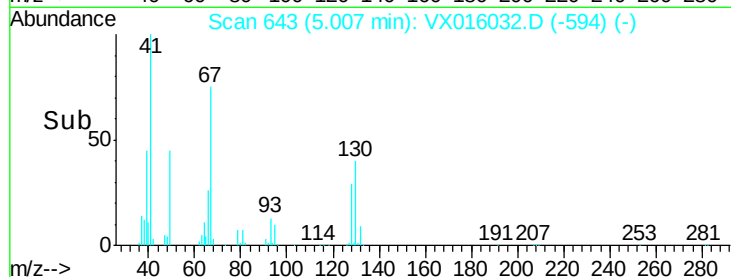
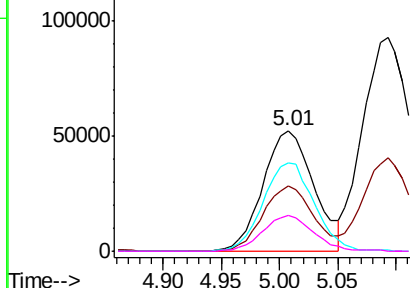
#41
Methacrylonitrile
Concen: 50.668 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:	41	Resp:	158045
Ion	Ratio	Lower	Upper
41	100		
39	54.0	43.2	64.8
67	74.1	59.3	88.9
52	29.4	23.5	35.3

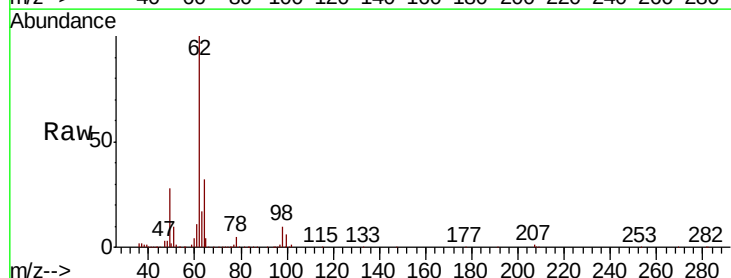


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

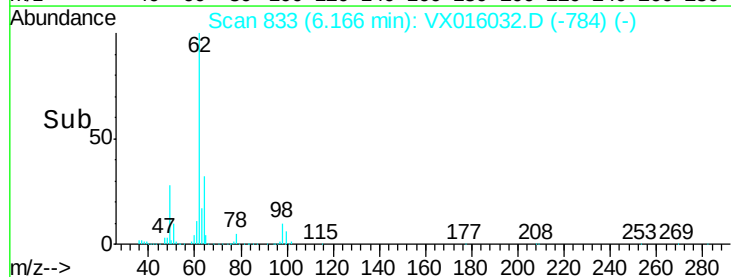
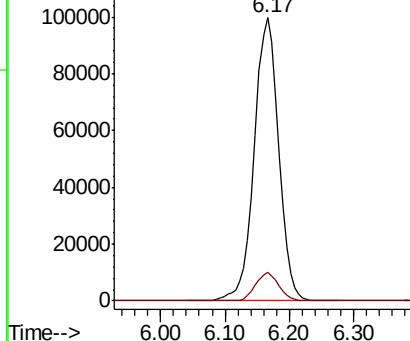


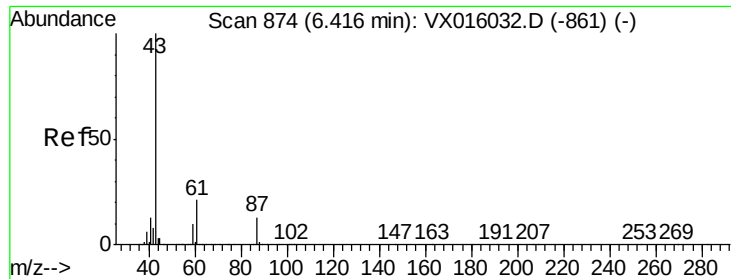
#42
1,2-Dichloroethane
Concen: 48.251 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Tgt Ion:	62	Resp:	258724
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.4



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





#43

Isopropyl Acetate

Concen: 50.294 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

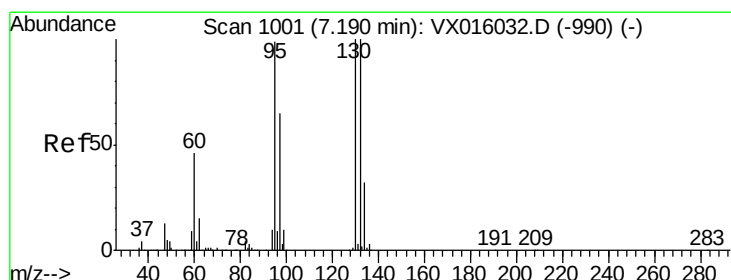
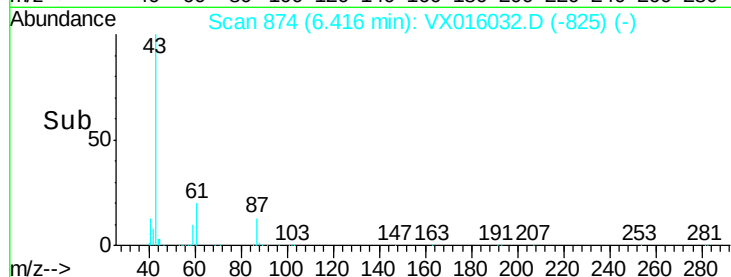
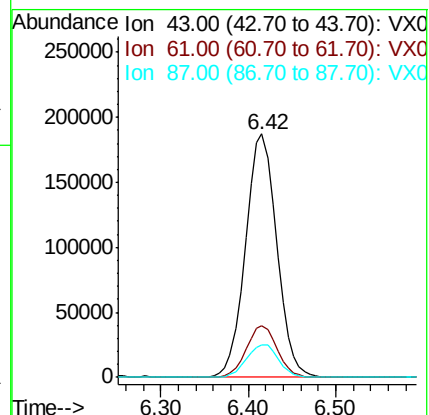
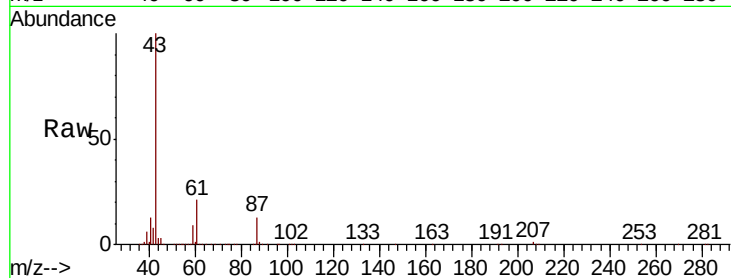
Tot Ion: 43 Resp: 462232

Ion Ratio Lower Upper

43 100

61 21.2 17.0 25.4

87 13.8 11.0 16.6



#44

Trichloroethene

Concen: 45.305 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX016032.D

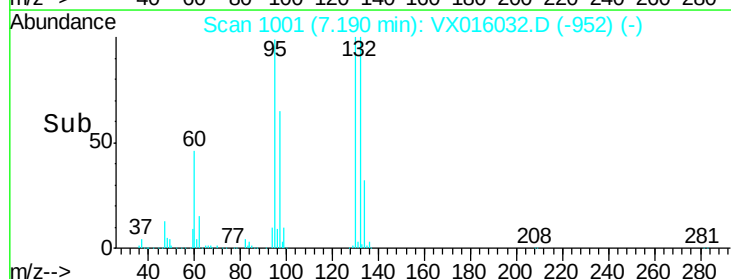
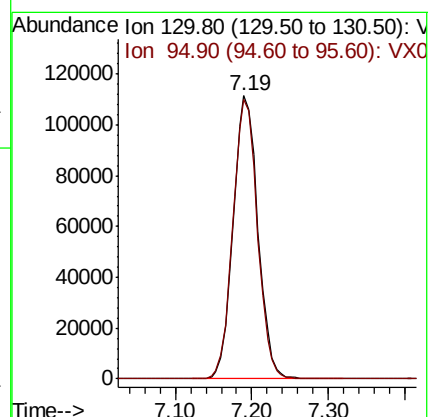
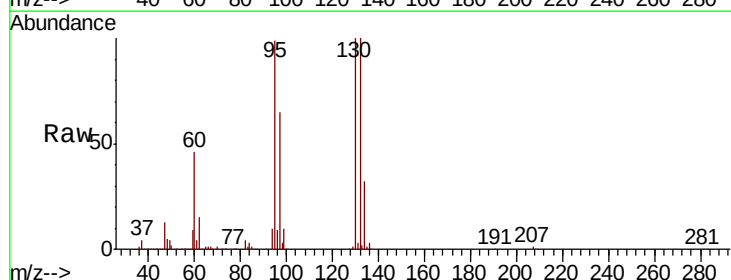
Acq: 04 May 2020 12:47

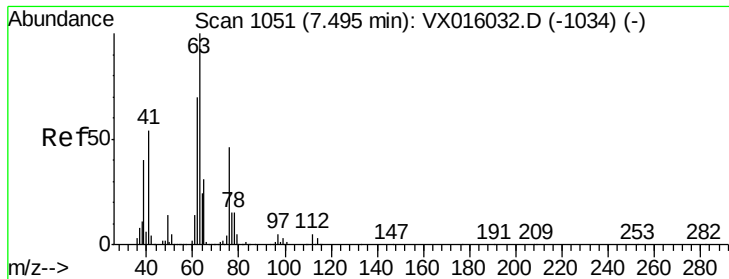
Tgt Ion:130 Resp: 248672

Ion Ratio Lower Upper

130 100

95 98.7 0.0 197.4





#45

1,2-Dichloropropane

Concen: 49.672 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

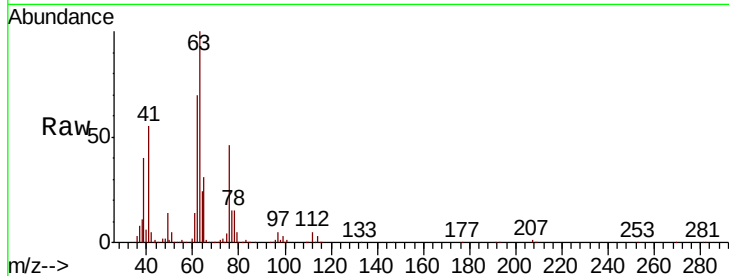
VSTDICCC050

Tot Ion: 63 Resp: 185153

Ion Ratio Lower Upper

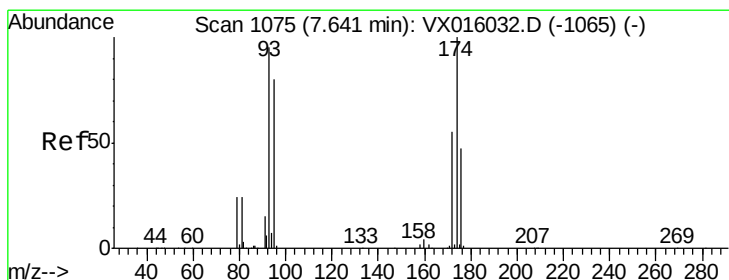
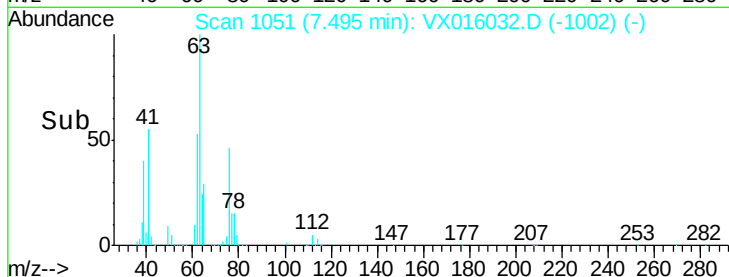
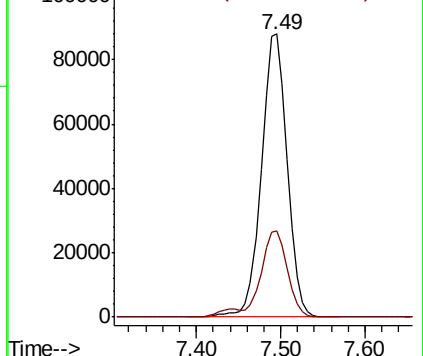
63 100

65 30.5 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.809 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

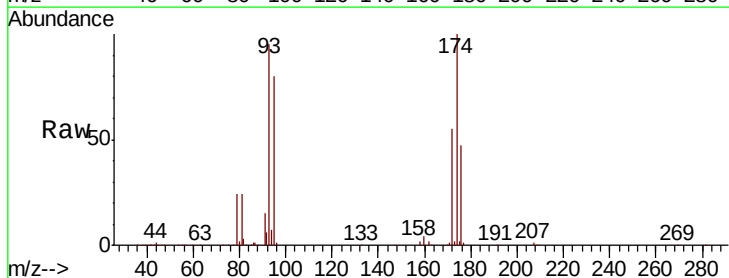
Tgt Ion: 93 Resp: 123715

Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

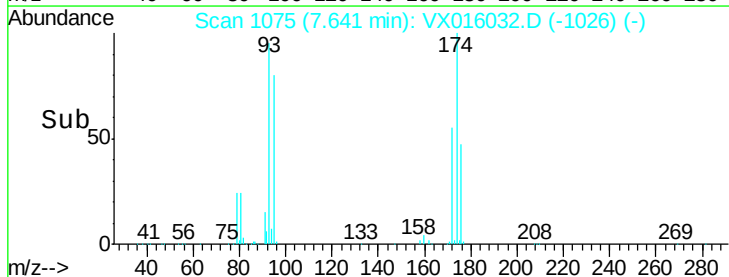
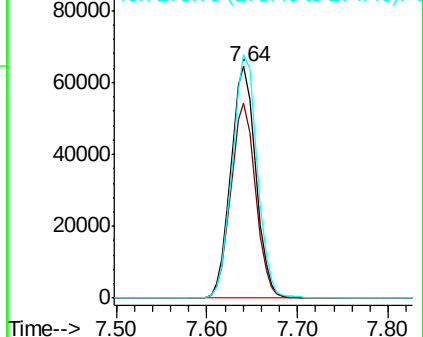
174 105.3 84.2 126.4

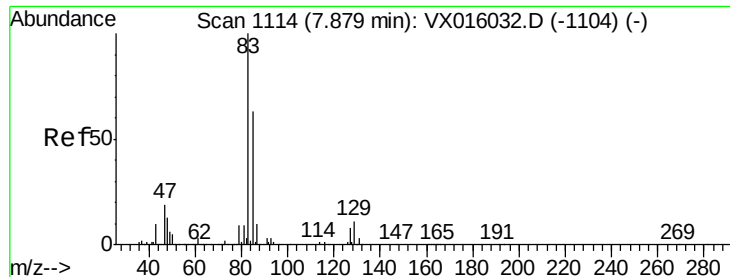


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.872 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

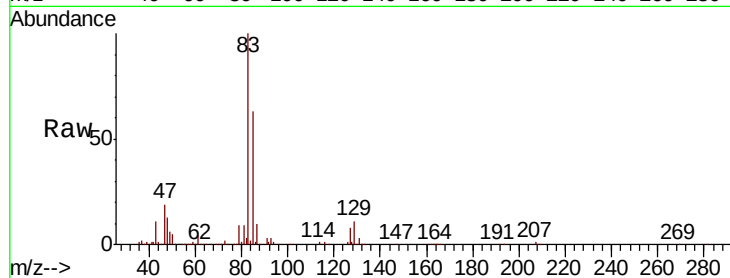
Tot Ion: 83 Resp: 258890

Ion Ratio Lower Upper

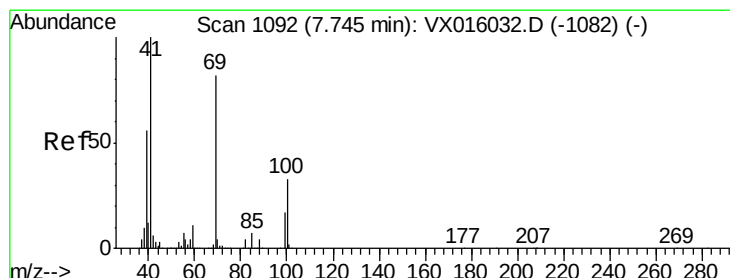
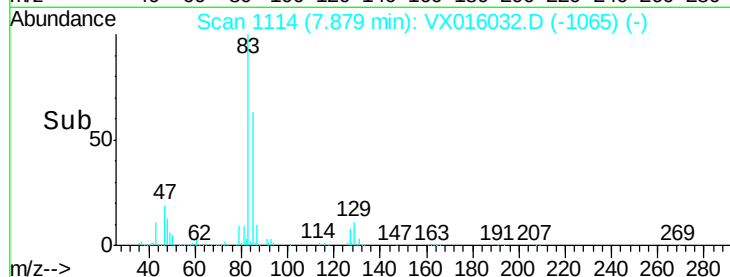
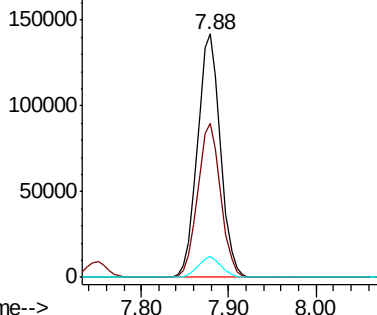
83 100

85 63.1 50.5 75.7

127 8.4 6.7 10.1



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



#48

Methyl methacrylate

Concen: 50.998 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

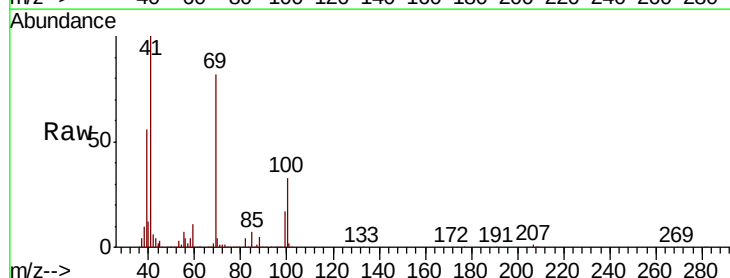
Tgt Ion: 41 Resp: 220544

Ion Ratio Lower Upper

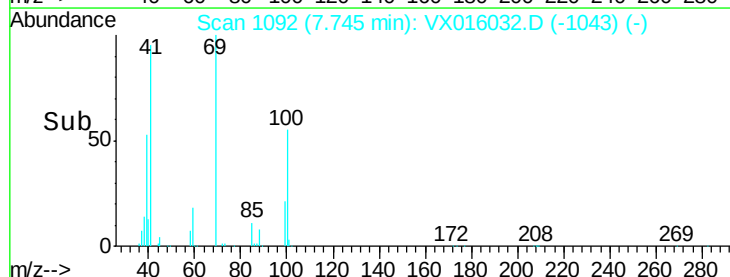
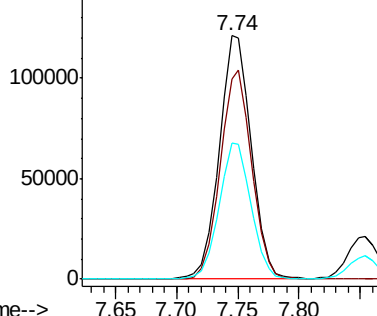
41 100

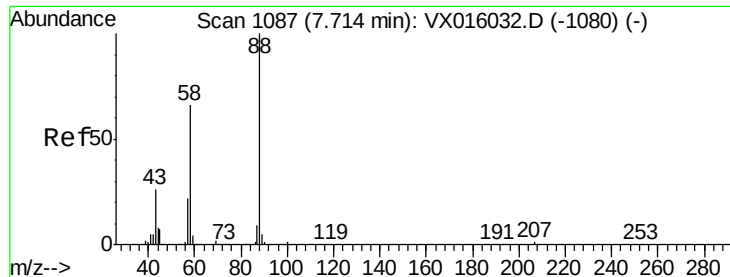
69 84.7 67.8 101.6

39 55.8 44.6 67.0



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: 1002.962 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

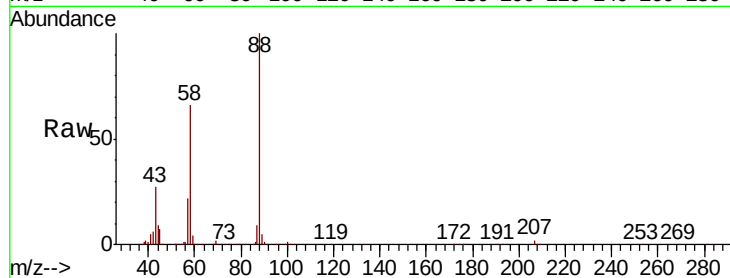
Tot Ion: 88 Resp: 104907

Ion Ratio Lower Upper

88 100

43 31.6 25.3 37.9

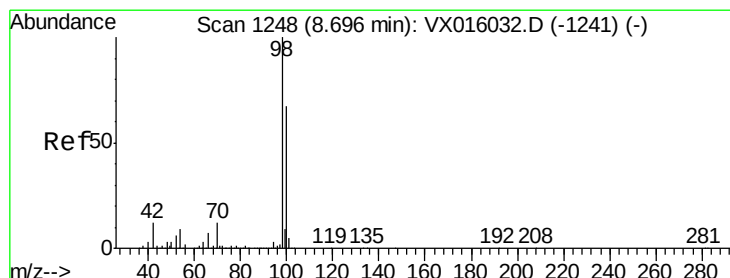
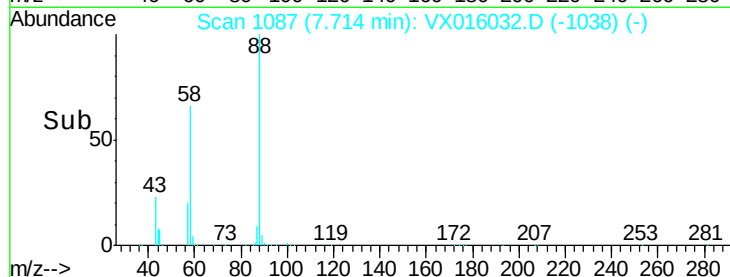
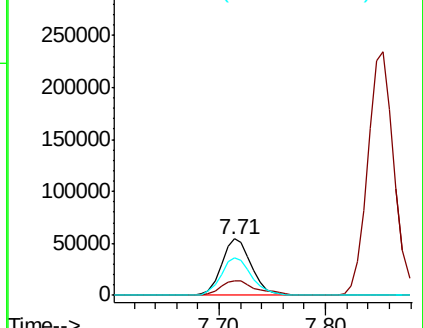
58 69.9 55.9 83.9



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: 44.232 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016032.D

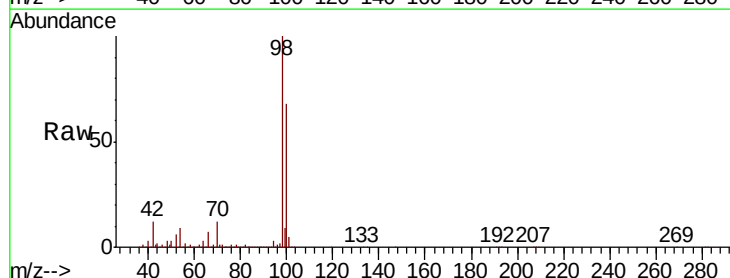
Acq: 04 May 2020 12:47

Tgt Ion: 98 Resp: 592049

Ion Ratio Lower Upper

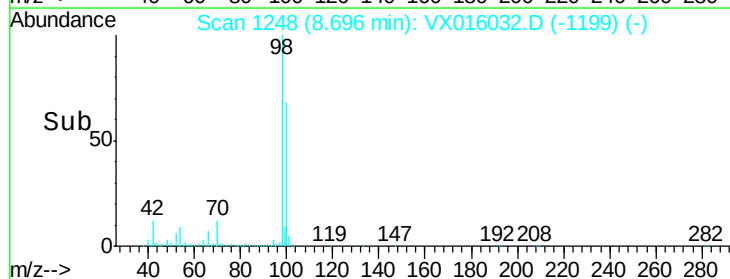
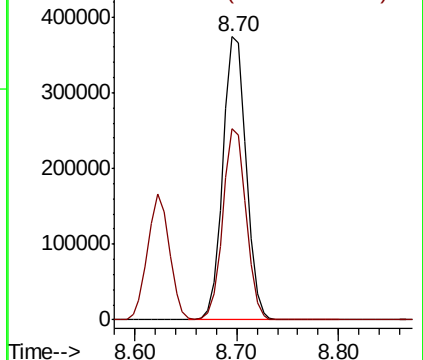
98 100

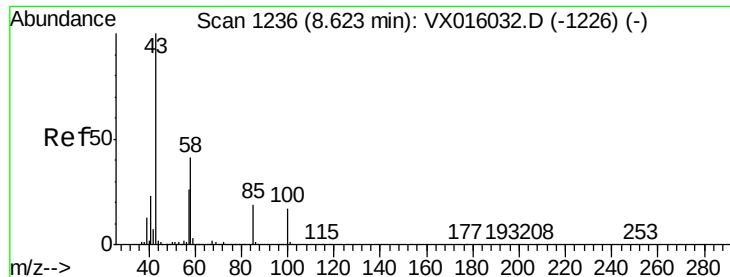
100 67.1 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

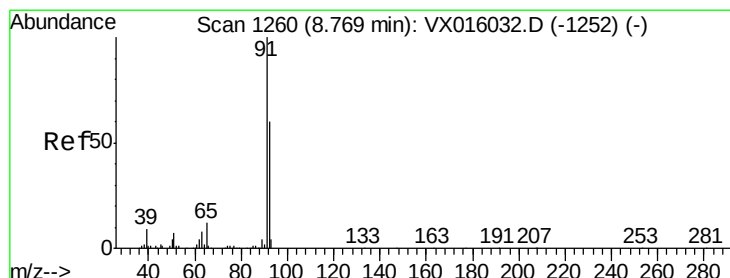
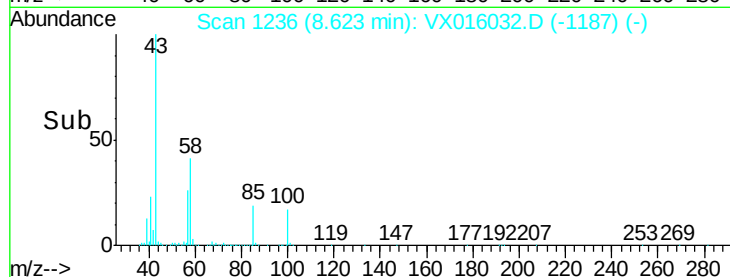
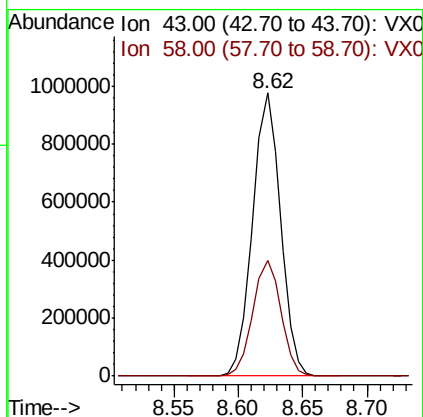
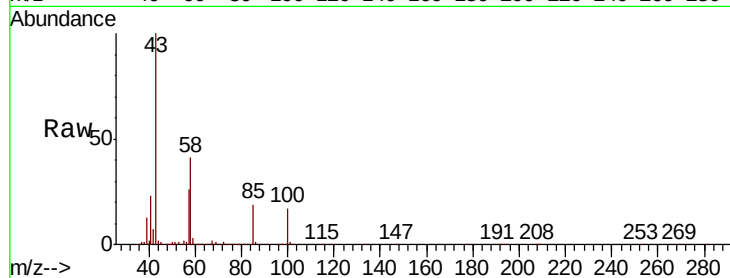




#51
 4-Methyl-2-Pentanone
 Concen: 260.443 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX016032.D
 Acq: 04 May 2020 12:47

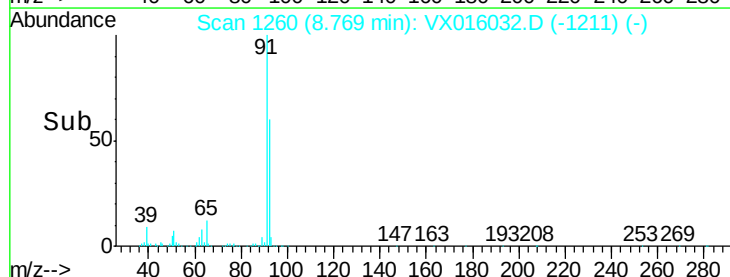
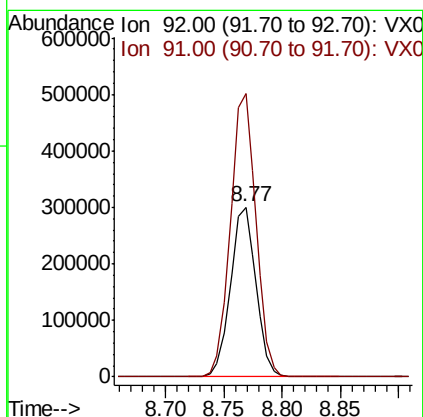
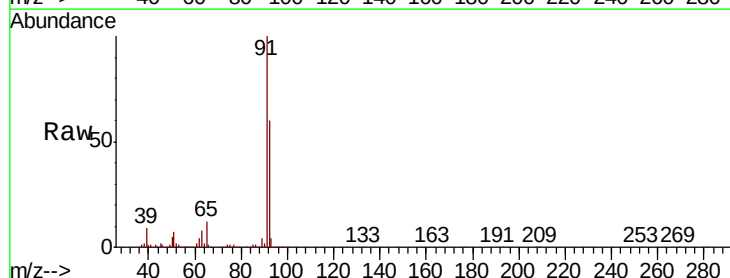
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

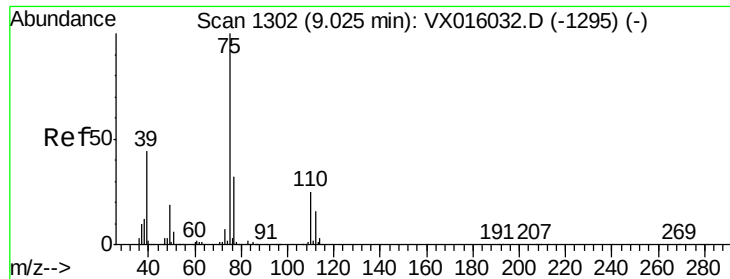
Tot Ion: 43 Resp: 1457309
 Ion Ratio Lower Upper
 43 100
 58 41.2 33.0 49.4



#52
 Toluene
 Concen: 49.890 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VX016032.D
 Acq: 04 May 2020 12:47

Tgt Ion: 92 Resp: 456255
 Ion Ratio Lower Upper
 92 100
 91 168.1 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 49.746 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

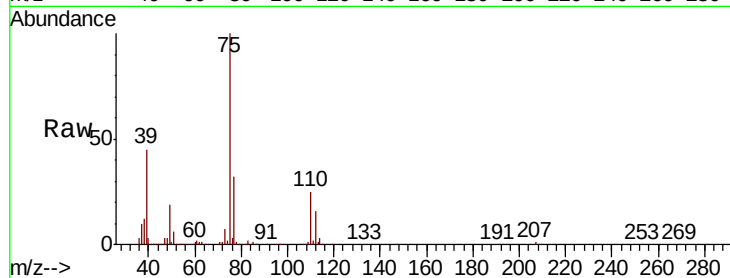
VSTDICCC050

Tot Ion: 75 Resp: 302910

Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

200000

150000

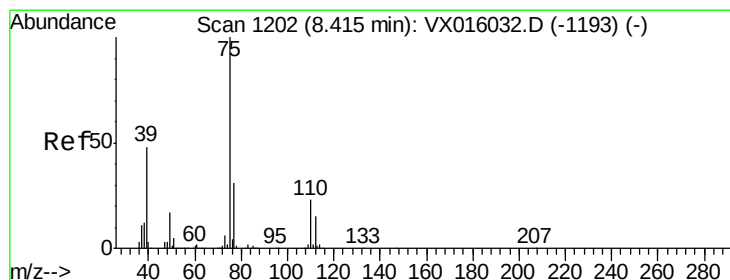
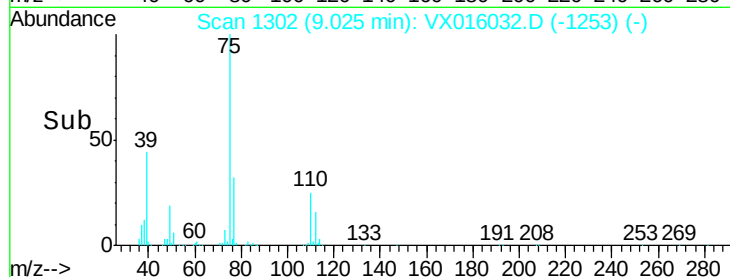
100000

50000

0

Time-->

8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 49.685 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

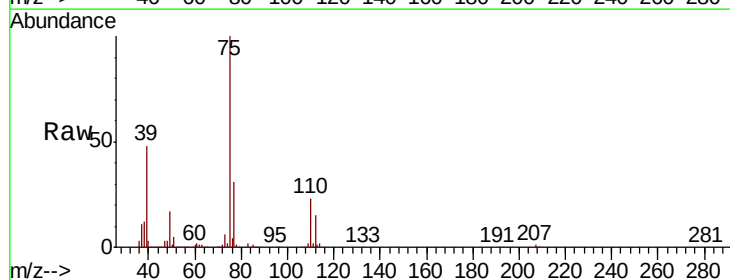
Tgt Ion: 75 Resp: 317865

Ion Ratio Lower Upper

75 100

77 30.9 24.7 37.1

39 48.4 38.7 58.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

200000

150000

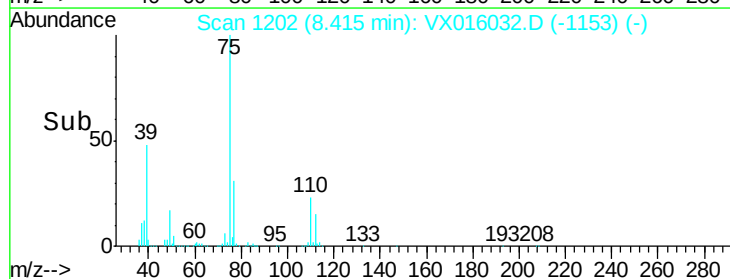
100000

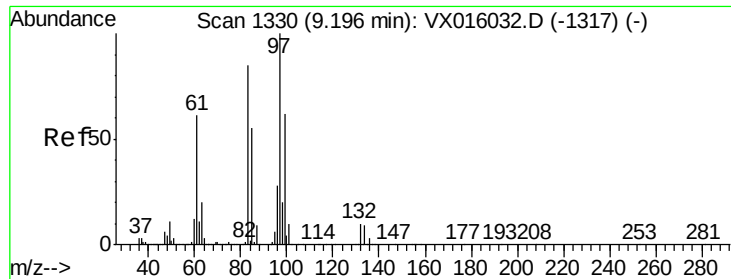
50000

0

Time-->

8.30 8.40 8.50

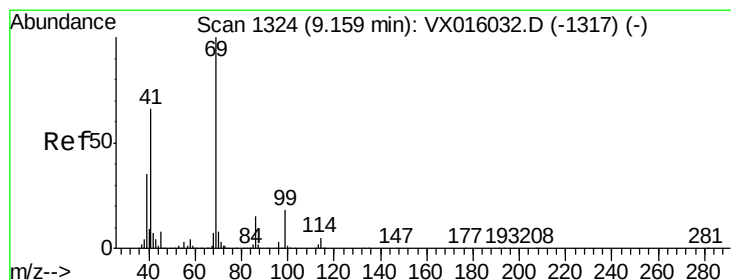
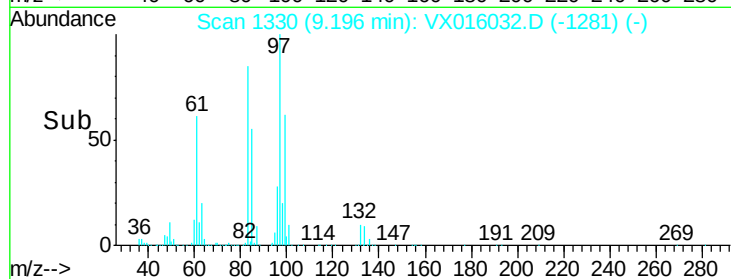
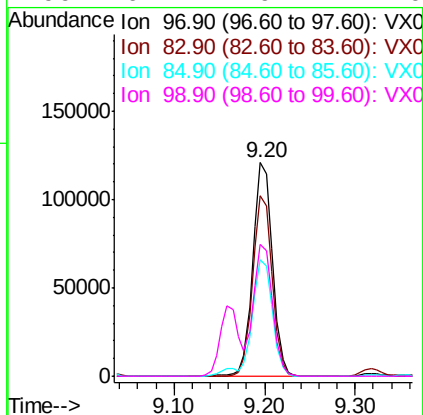
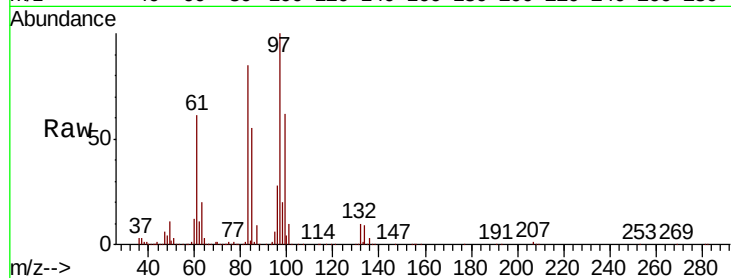




#55
 1,1,2-Trichloroethane
 Concen: 50.608 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016032.D
 Acq: 04 May 2020 12:47

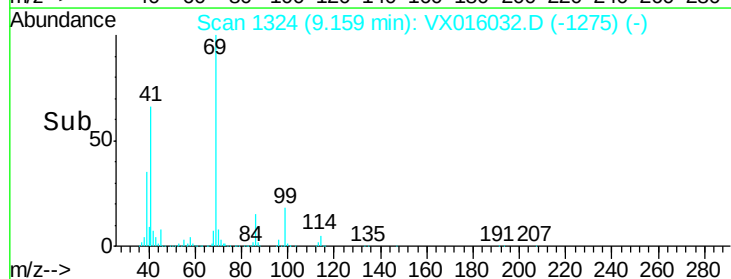
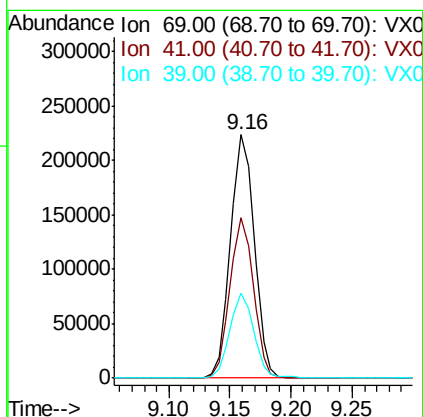
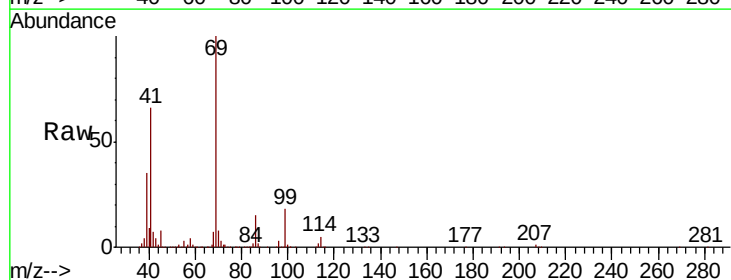
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

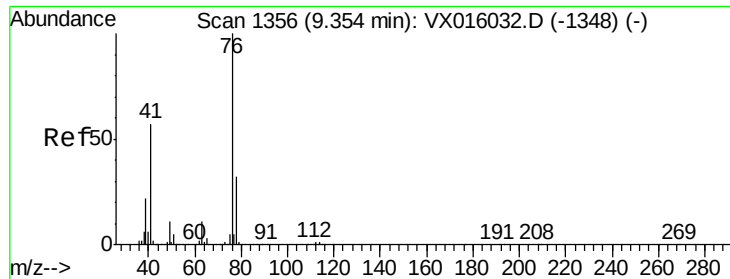
Tot Ion:	97	Resp:	180858
Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.8	101.8
85	54.8	43.8	65.8
99	61.7	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 53.305 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016032.D
 Acq: 04 May 2020 12:47

Tgt Ion:	69	Resp:	301385
Ion	Ratio	Lower	Upper
69	100		
41	65.3	52.2	78.4
39	35.3	28.2	42.4





#57

1,3-Dichloropropane

Concen: 49.646 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

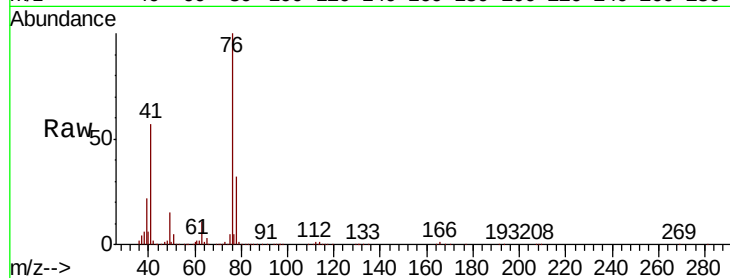
VSTDICCC050

Tot Ion: 76 Resp: 312676

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

250000

200000

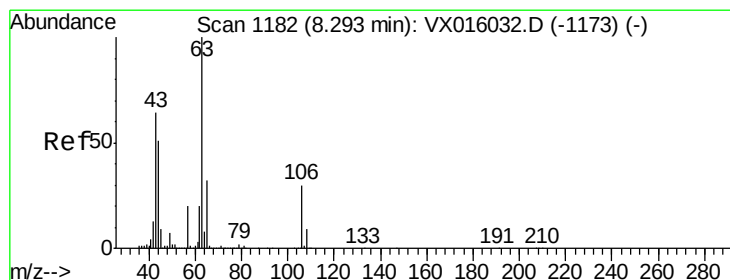
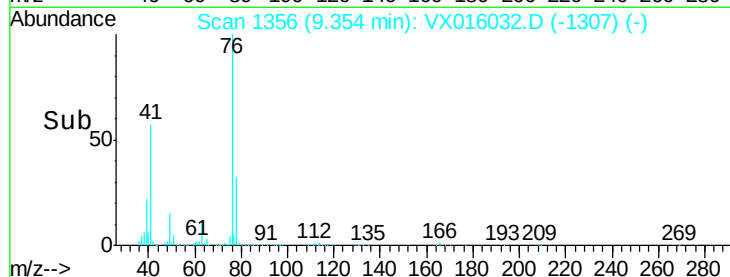
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 255.632 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016032.D

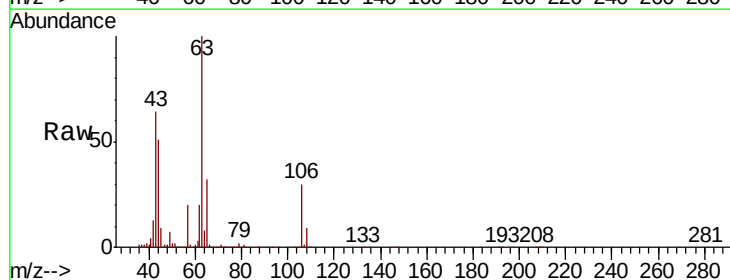
Acq: 04 May 2020 12:47

Tgt Ion: 63 Resp: 787324

Ion Ratio Lower Upper

63 100

106 29.3 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

600000

500000

400000

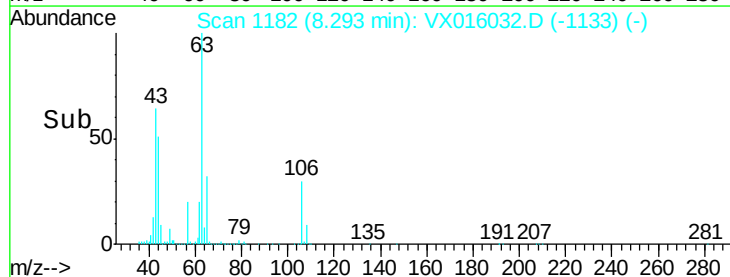
300000

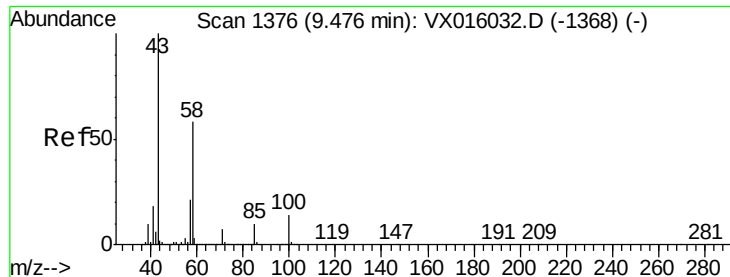
200000

100000

0

Time-->

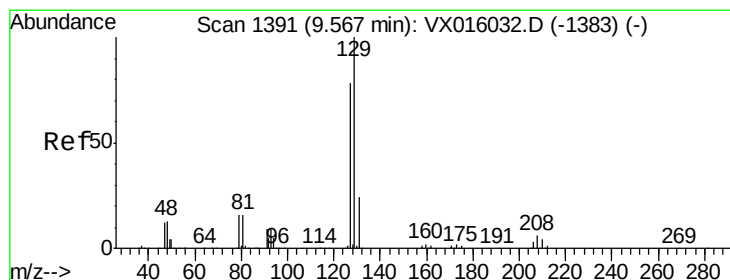
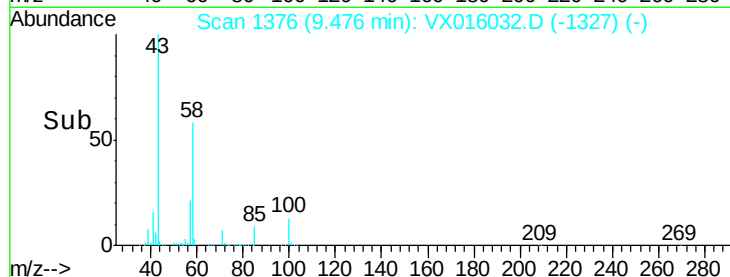
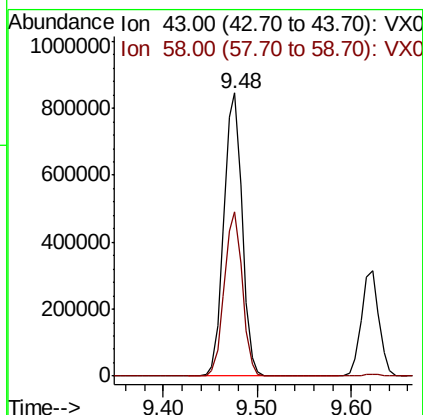
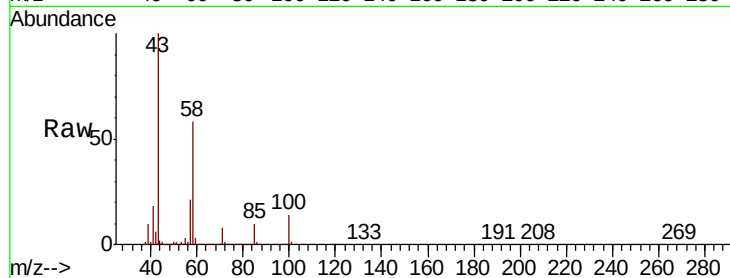




#59
2-Hexanone
Concen: 259.122 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

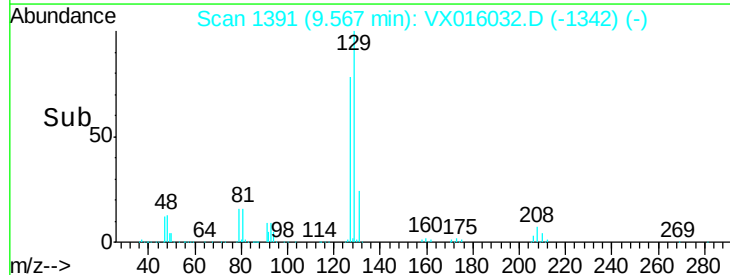
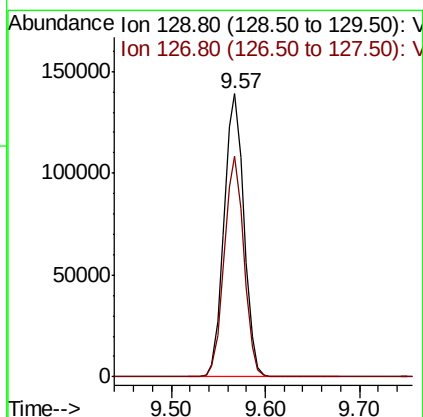
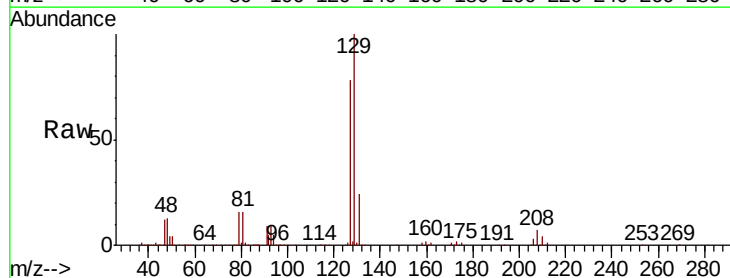
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

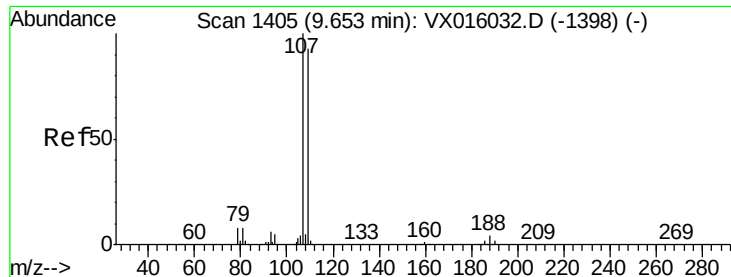
Tot Ion: 43 Resp: 1136262
Ion Ratio Lower Upper
43 100
58 57.3 28.6 85.9



#60
Dibromochloromethane
Concen: 52.892 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Tgt Ion: 129 Resp: 203668
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.2





#61

1,2-Dibromoethane

Concen: 51.368 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

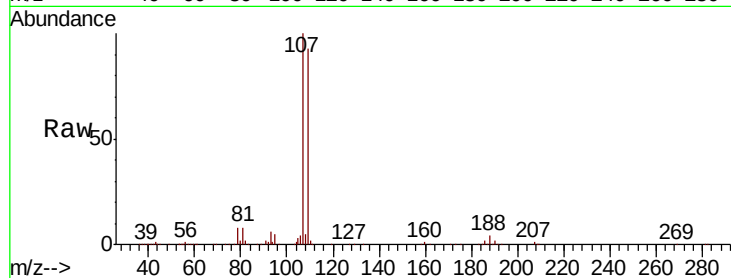
VSTDICCC050

Tot Ion: 107 Resp: 198506

Ion Ratio Lower Upper

107 100

109 93.6 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

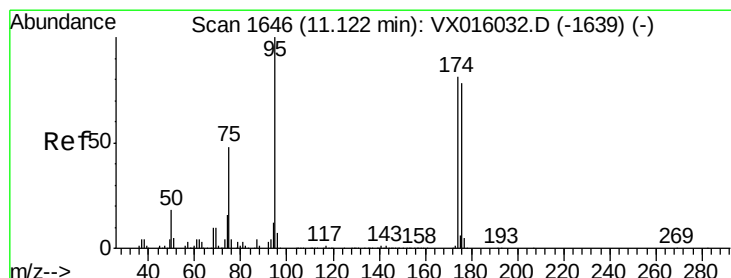
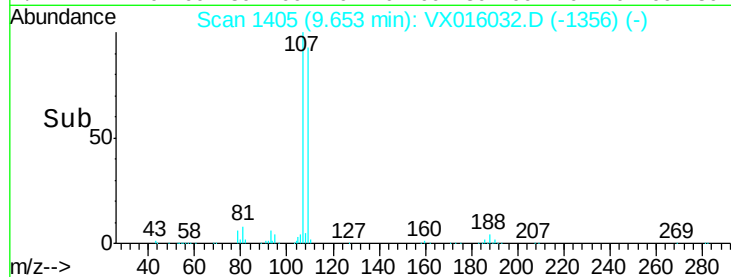
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.886 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

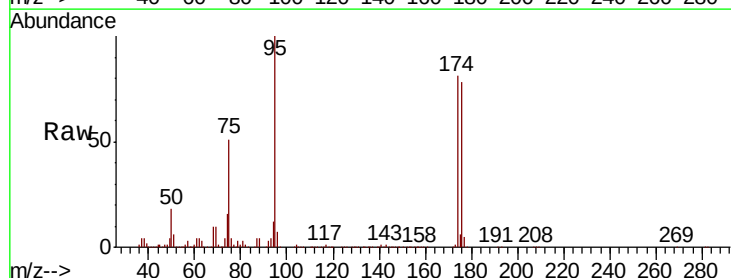
Tgt Ion: 95 Resp: 225256

Ion Ratio Lower Upper

95 100

174 79.7 0.0 159.4

176 78.8 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

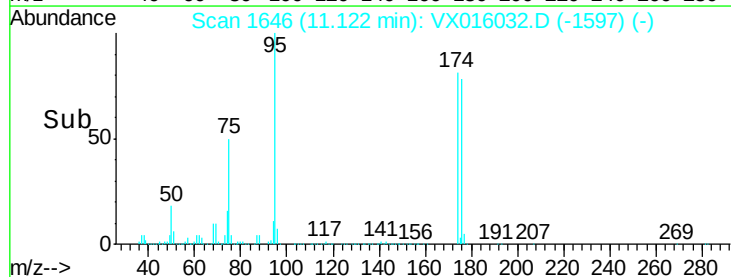
150000

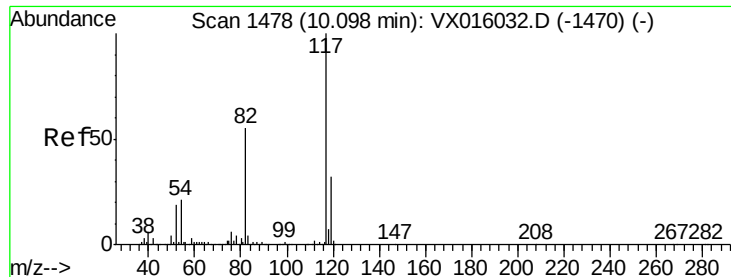
100000

50000

0

Time-->

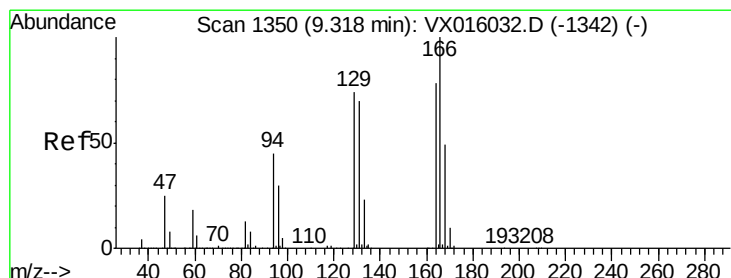
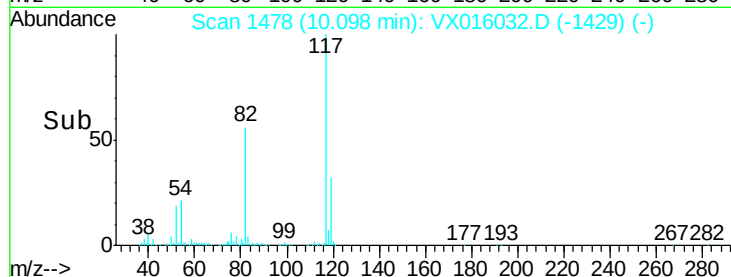
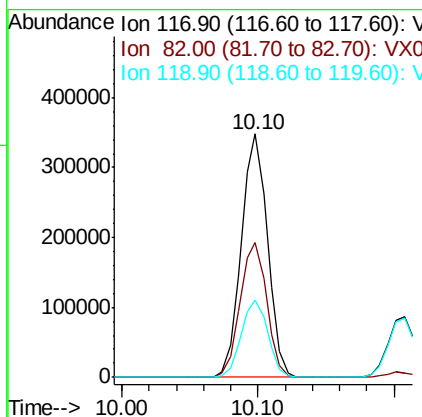
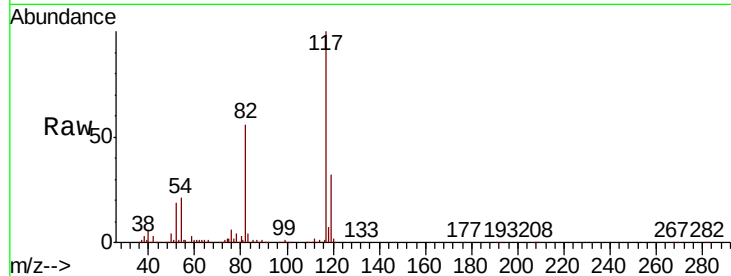




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

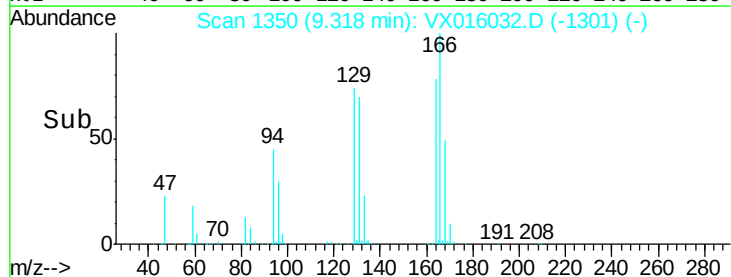
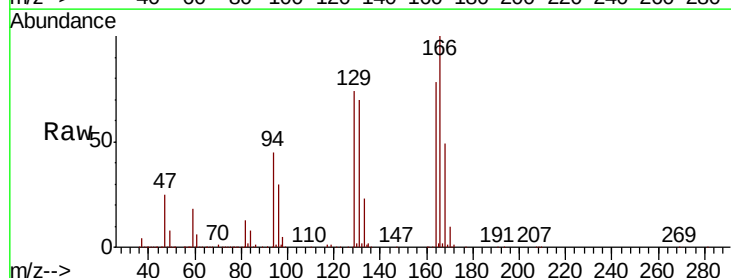
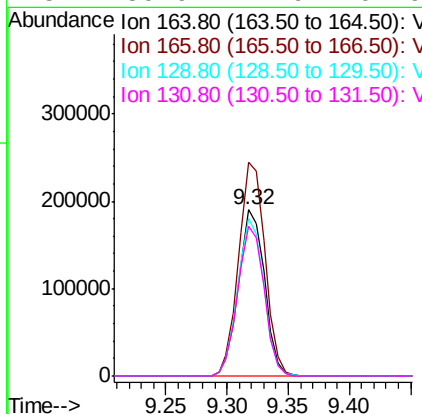
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

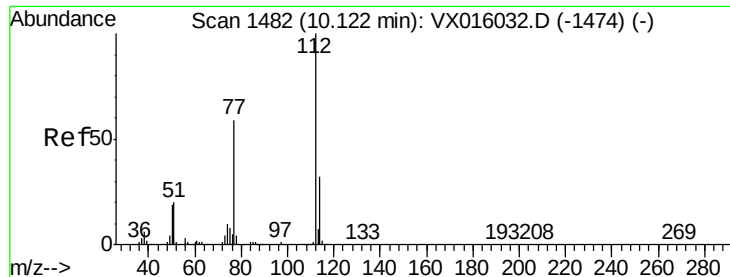
Tot Ion:117 Resp: 467446
Ion Ratio Lower Upper
117 100
82 55.5 44.4 66.6
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 47.245 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Tgt Ion:164 Resp: 280455
Ion Ratio Lower Upper
164 100
166 128.6 102.9 154.3
129 95.1 76.1 114.1
131 89.9 71.9 107.9





#65

Chlorobenzene

Concen: 48.927 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

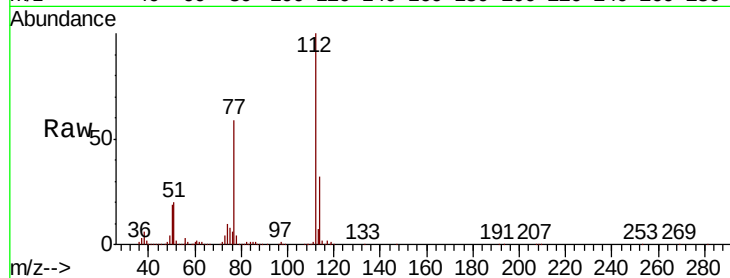
VSTDICCC050

Tot Ion:112 Resp: 484943

Ion Ratio Lower Upper

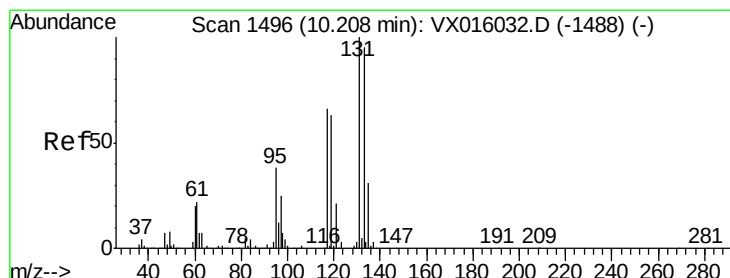
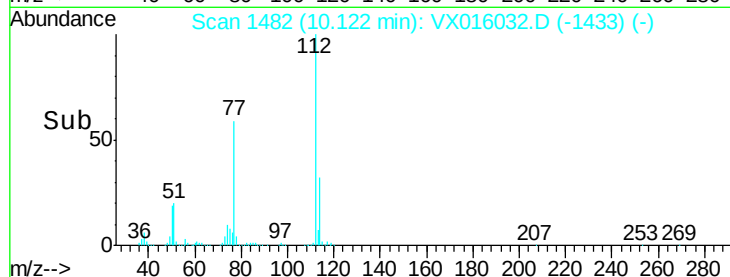
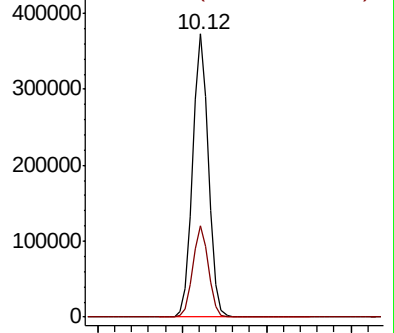
112 100

114 32.1 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.606 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

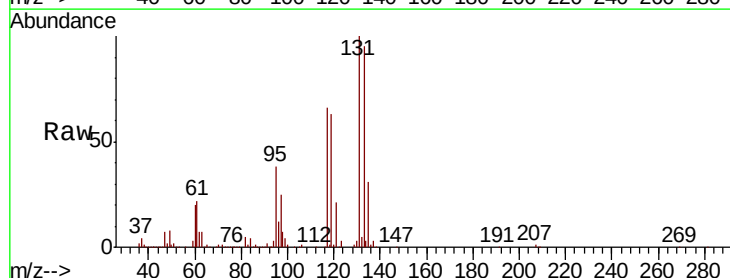
Tgt Ion:131 Resp: 182488

Ion Ratio Lower Upper

131 100

133 96.5 48.3 144.8

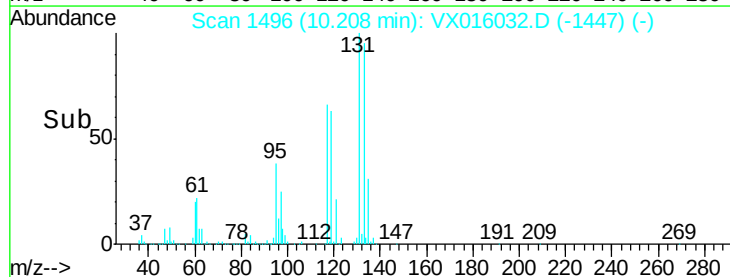
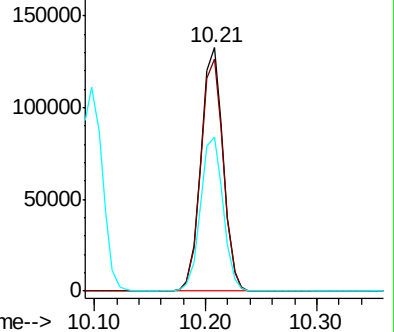
119 64.6 32.3 96.9

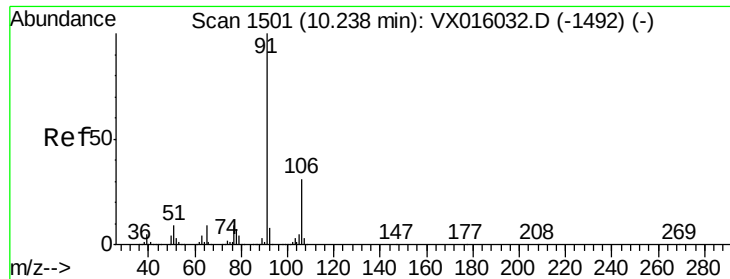


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 49.877 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

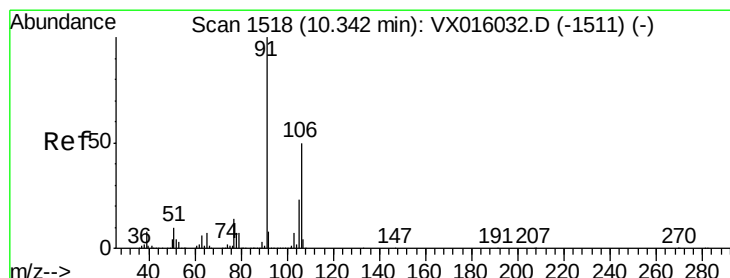
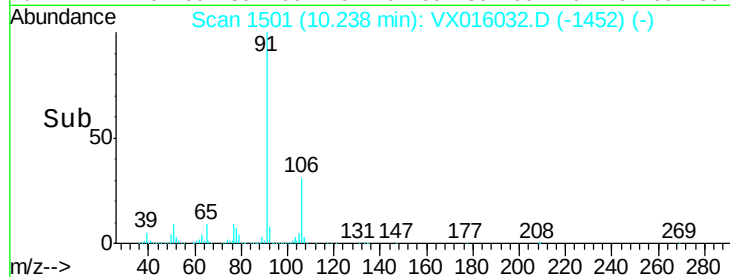
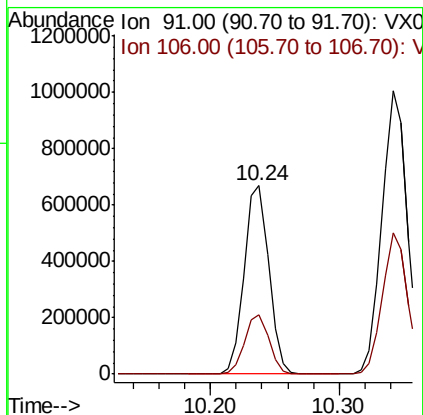
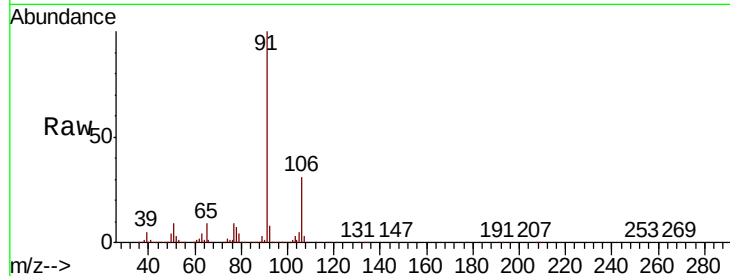
VSTDICCC050

Tot Ion: 91 Resp: 879425

Ion Ratio Lower Upper

91 100

106 31.4 25.1 37.7



#68

m/p-Xylenes

Concen: 102.168 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016032.D

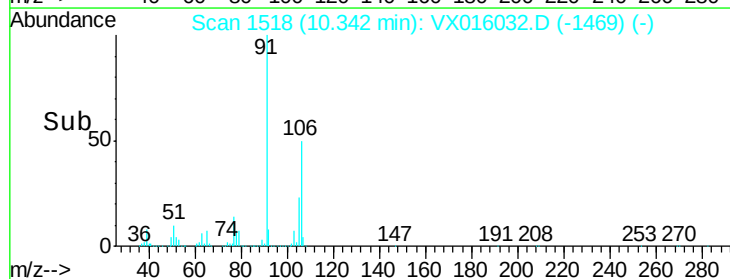
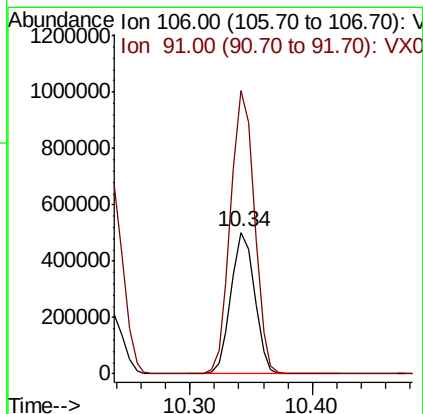
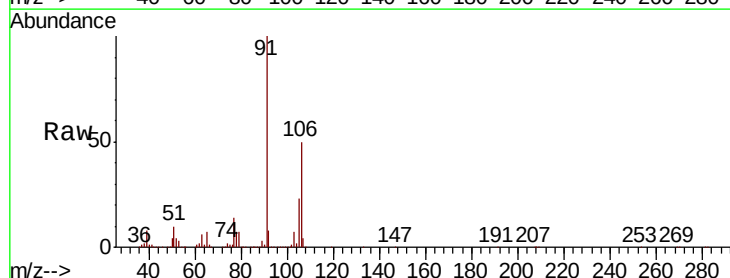
Acq: 04 May 2020 12:47

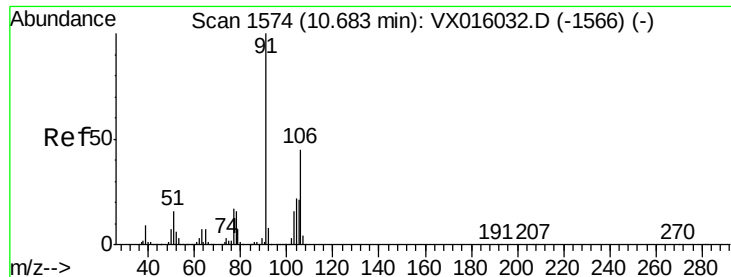
Tgt Ion: 106 Resp: 669043

Ion Ratio Lower Upper

106 100

91 202.1 161.7 242.5

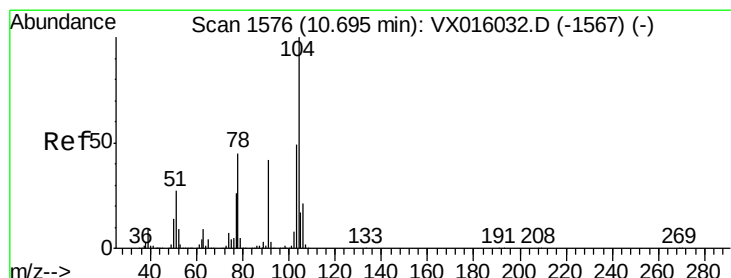
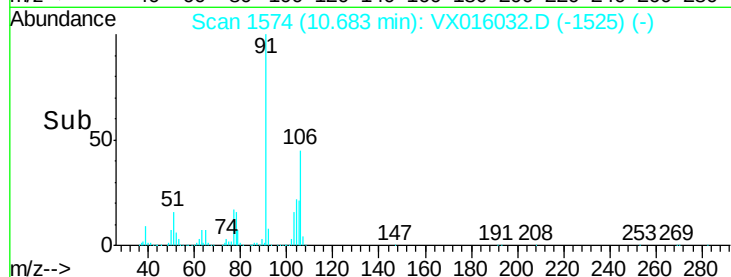
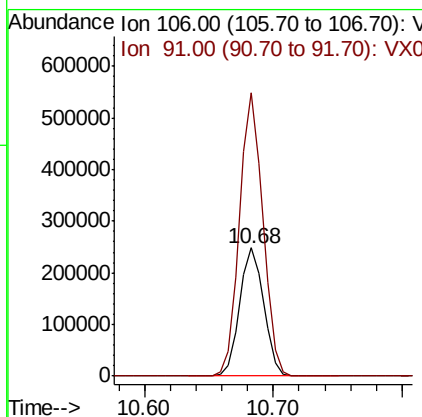
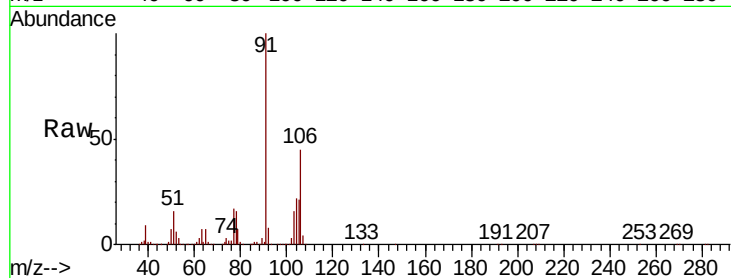




#69
o-Xylene
Concen: 51.126 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

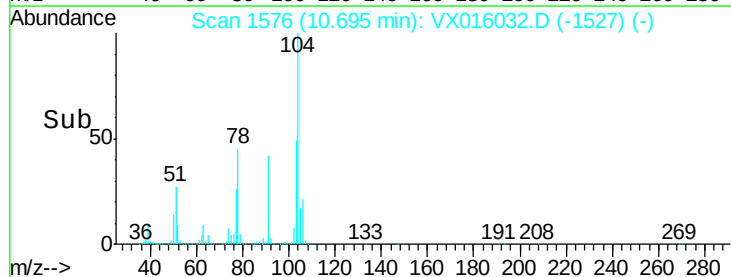
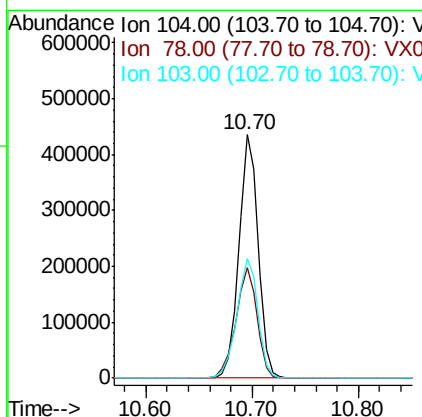
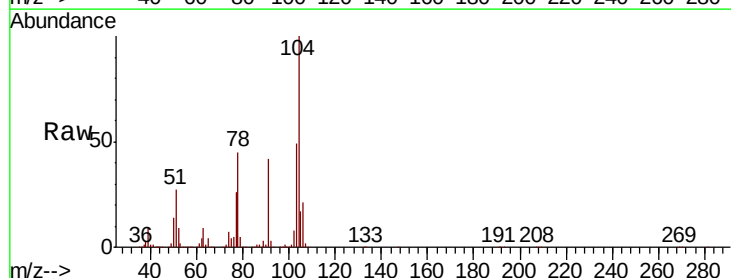
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

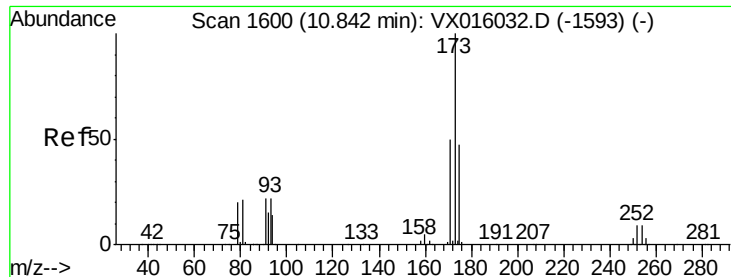
Tot Ion:106 Resp: 320417
Ion Ratio Lower Upper
106 100
91 215.1 107.5 322.6



#70
Styrene
Concen: 52.884 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Tgt Ion:104 Resp: 551773
Ion Ratio Lower Upper
104 100
78 50.2 40.2 60.2
103 53.8 43.0 64.6





#71

Bromoform

Concen: 55.025 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

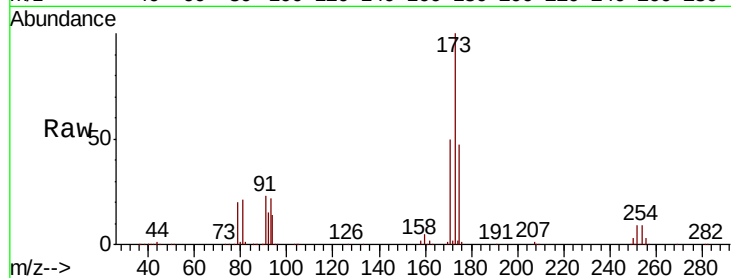
Tot Ion:173 Resp: 154402

Ion Ratio Lower Upper

173 100

175 48.0 24.0 72.0

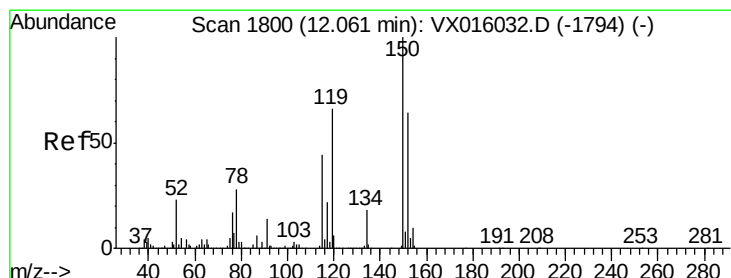
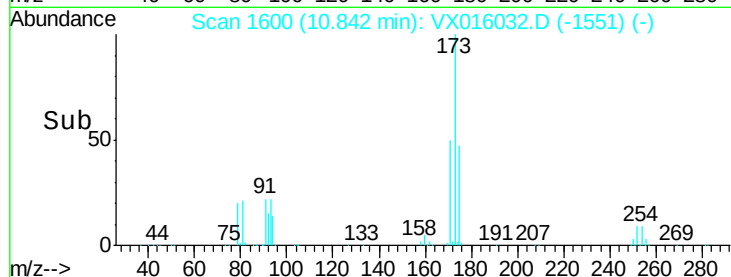
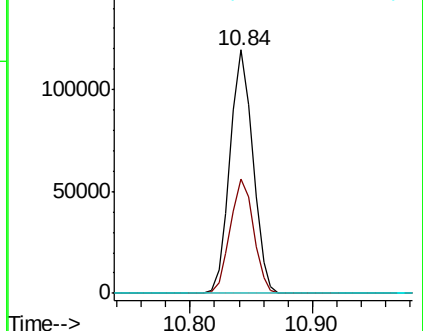
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

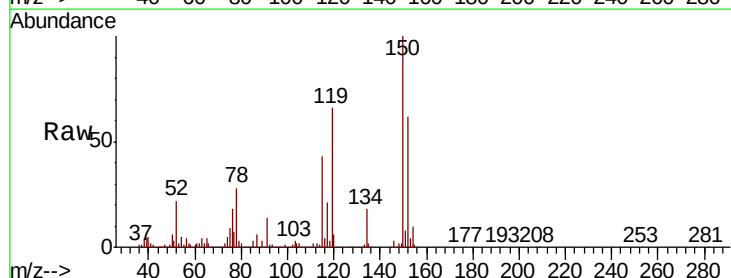
Tgt Ion:152 Resp: 235544

Ion Ratio Lower Upper

152 100

115 82.7 41.3 124.1

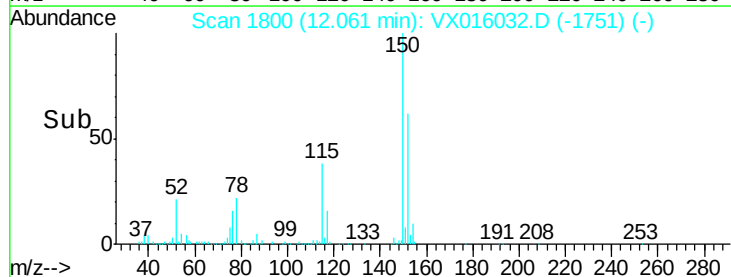
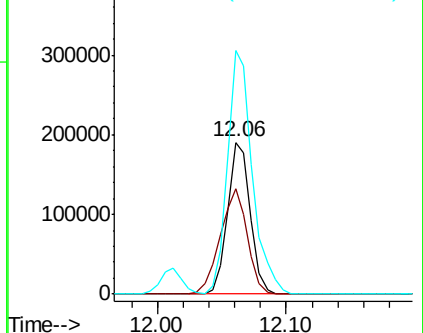
150 176.1 0.0 352.2

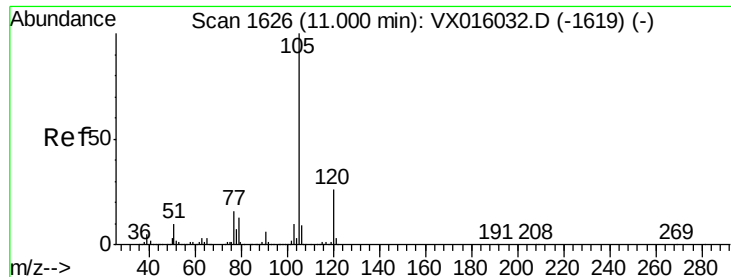


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.185 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

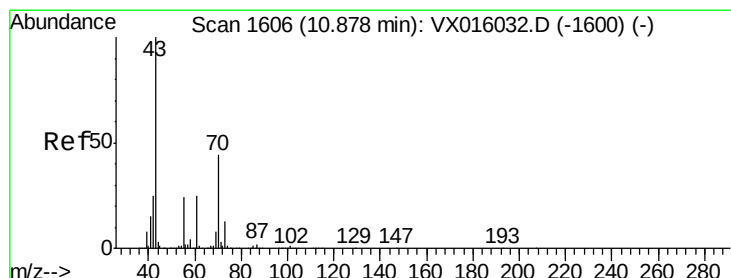
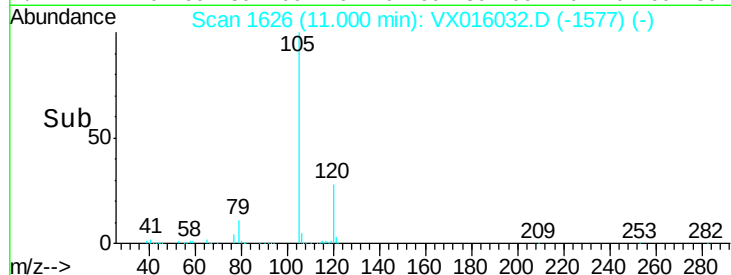
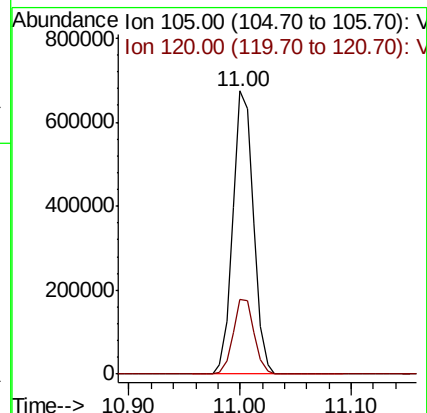
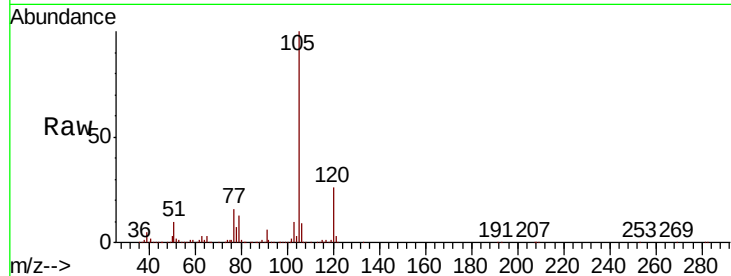
VSTDICCC050

Tot Ion:105 Resp: 860468

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 50.294 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Tgt Ion: 43 Resp: 402416

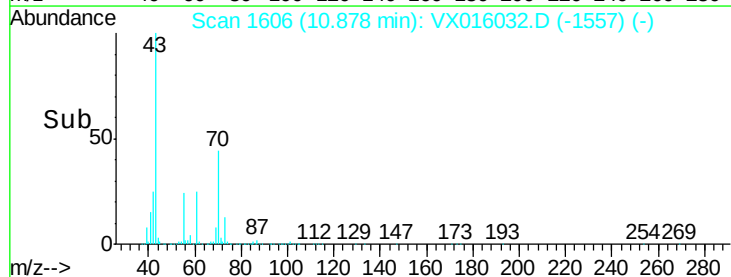
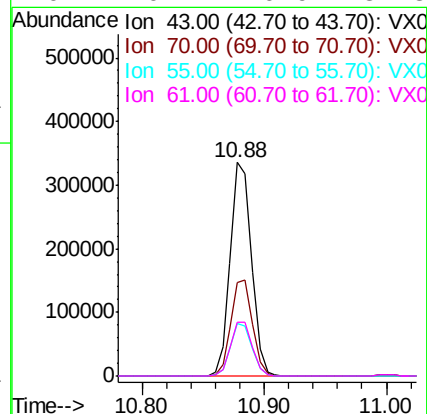
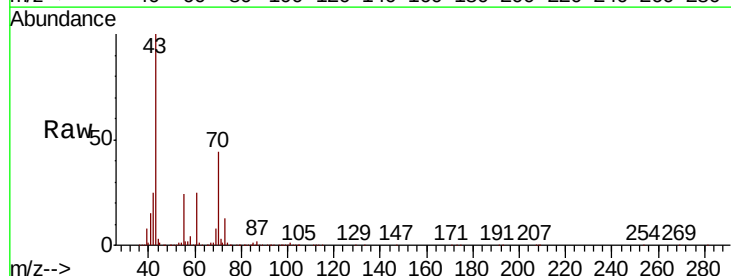
Ion Ratio Lower Upper

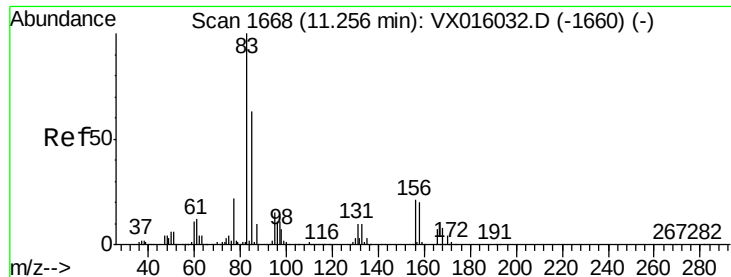
43 100

70 45.6 36.5 54.7

55 24.6 19.7 29.5

61 26.1 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 65.404 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

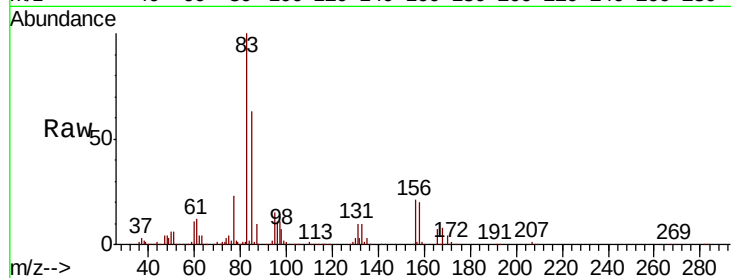
Tot Ion: 83 Resp: 167010

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

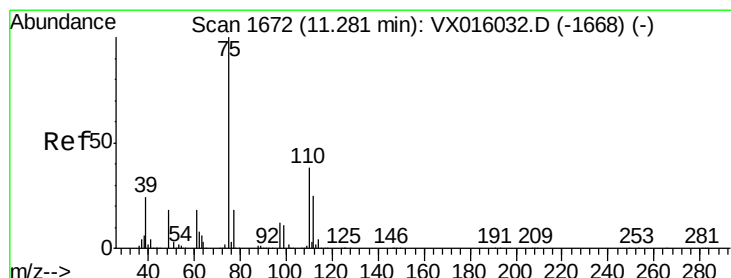
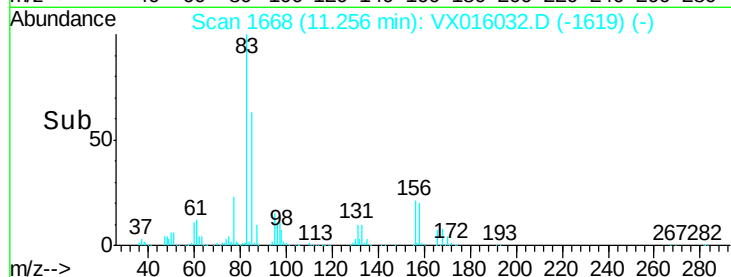
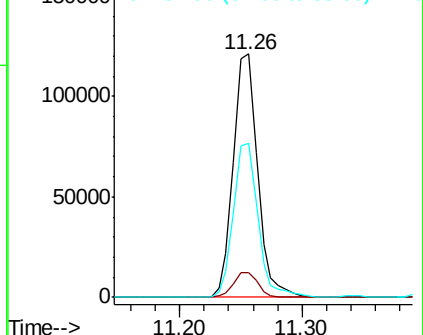
85 64.0 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 52.868 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016032.D

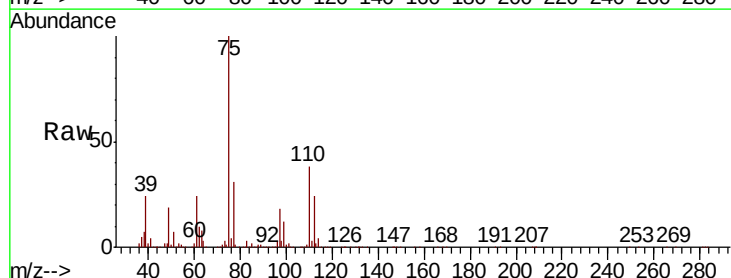
Acq: 04 May 2020 12:47

Tgt Ion: 75 Resp: 363797

Ion Ratio Lower Upper

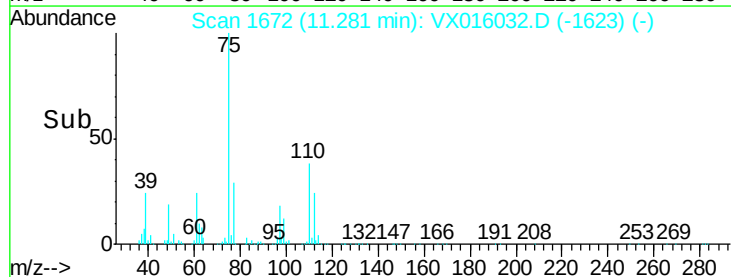
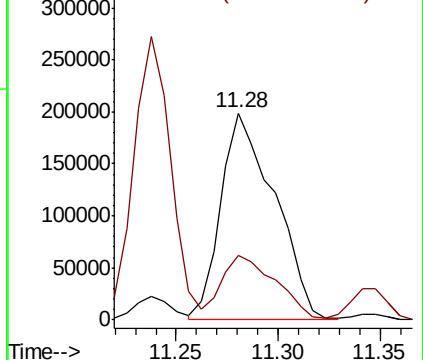
75 100

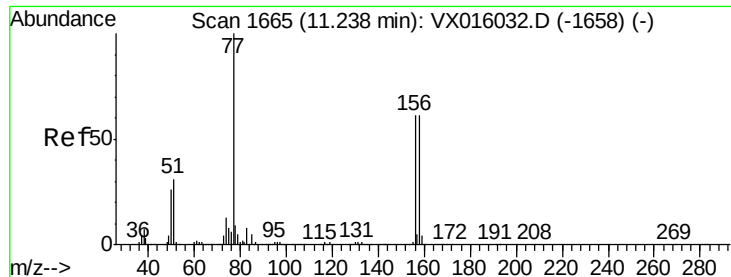
77 31.3 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.479 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

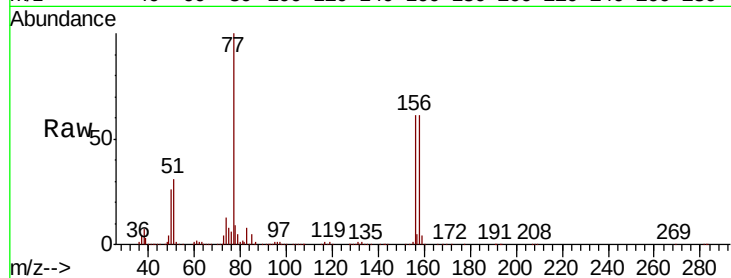
Tot Ion:156 Resp: 214650

Ion Ratio Lower Upper

156 100

77 160.2 80.1 240.3

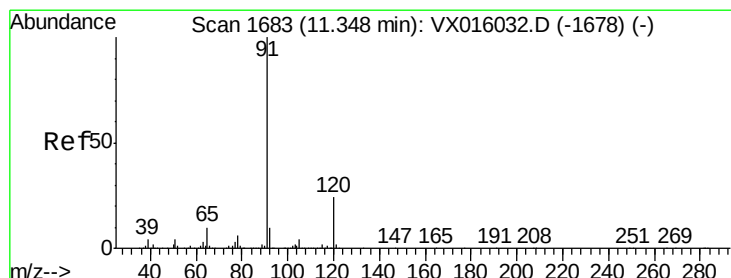
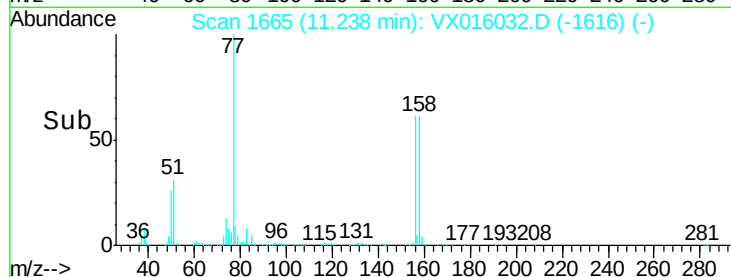
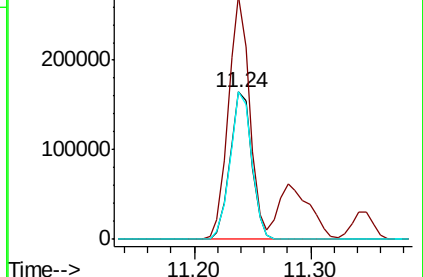
158 98.8 49.4 148.2



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: 48.578 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VX016032.D

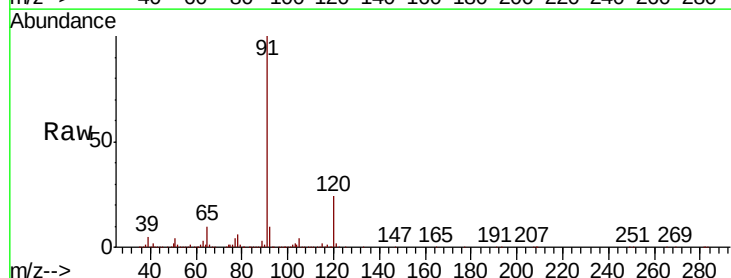
Acq: 04 May 2020 12:47

Tgt Ion: 91 Resp: 985975

Ion Ratio Lower Upper

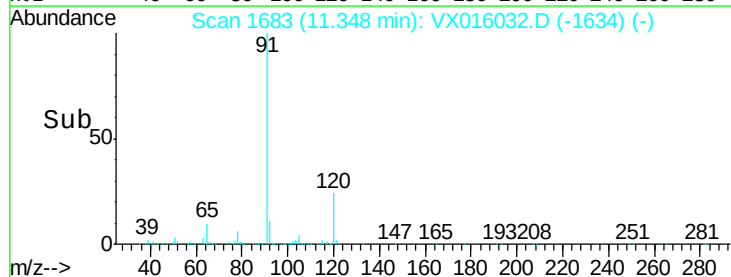
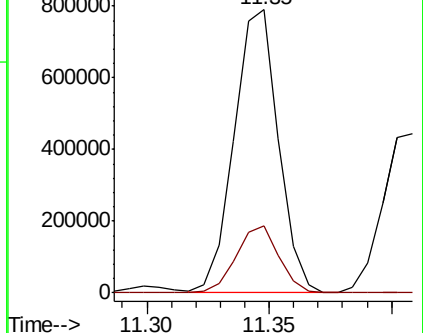
91 100

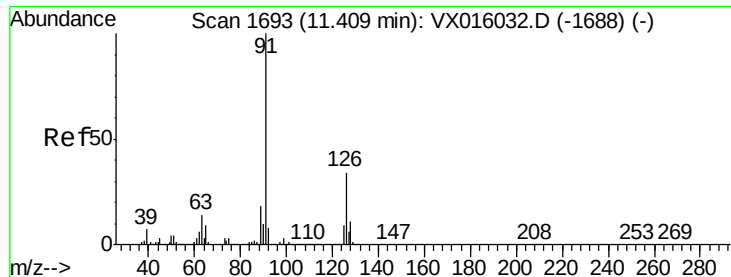
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

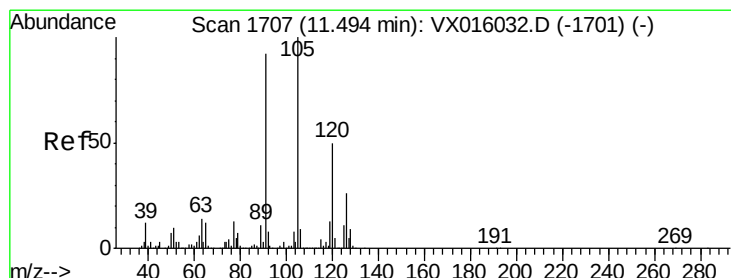
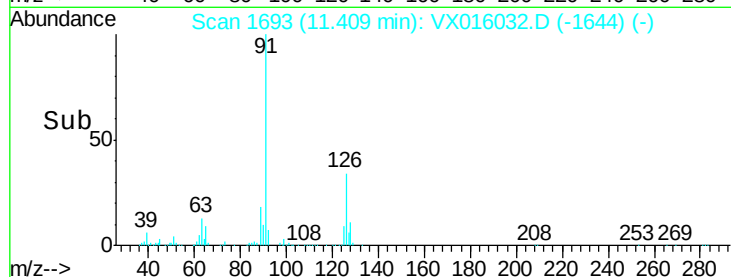
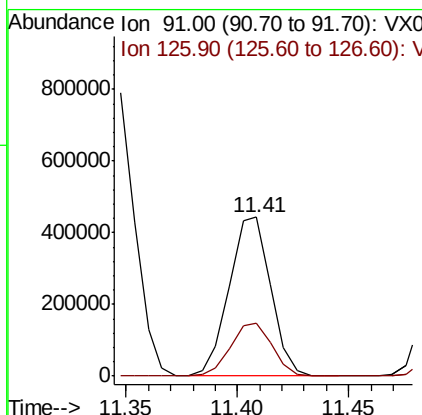
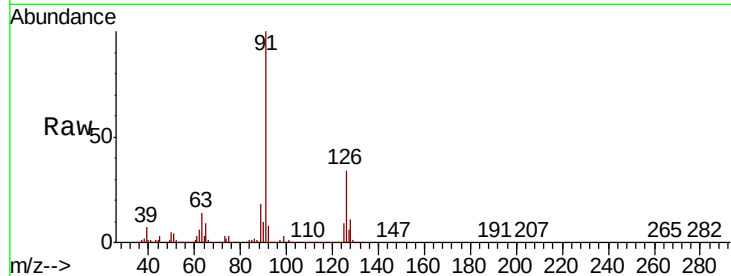




#79
 2-Chlorotoluene
 Concen: 47.925 ug/l
 RT: 11.41 min Scan# 1693
 Delta R.T. 0.00 min
 Lab File: VX016032.D
 Acq: 04 May 2020 12:47

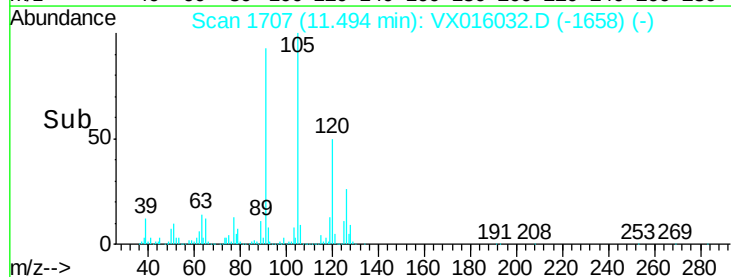
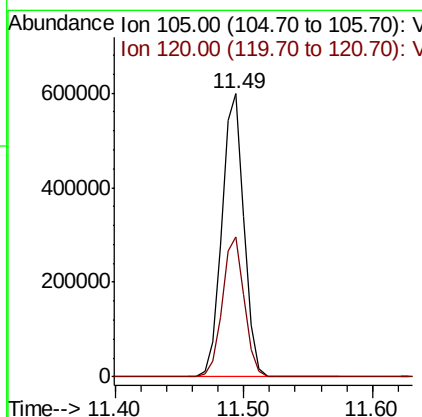
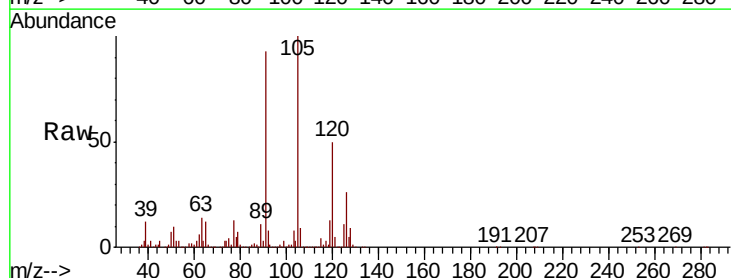
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

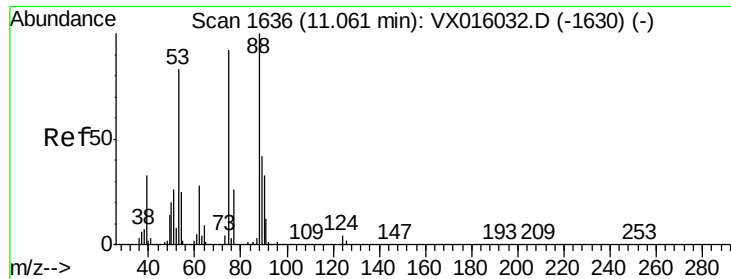
Tot Ion: 91 Resp: 575325
 Ion Ratio Lower Upper
 91 100
 126 33.7 16.9 50.6



#80
 1,3,5-Trimethylbenzene
 Concen: 49.623 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX016032.D
 Acq: 04 May 2020 12:47

Tgt Ion: 105 Resp: 722860
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 51.981 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

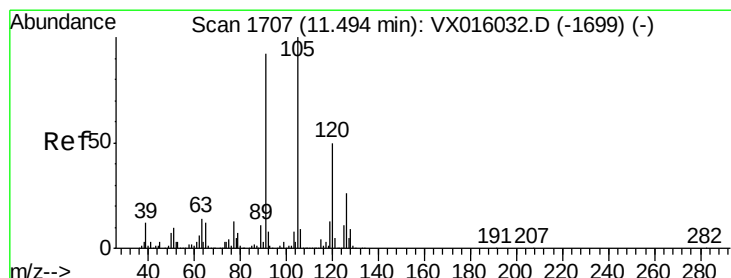
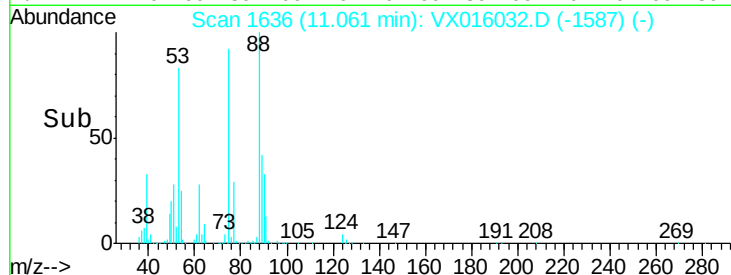
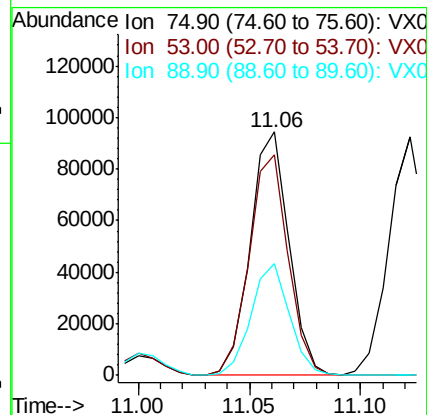
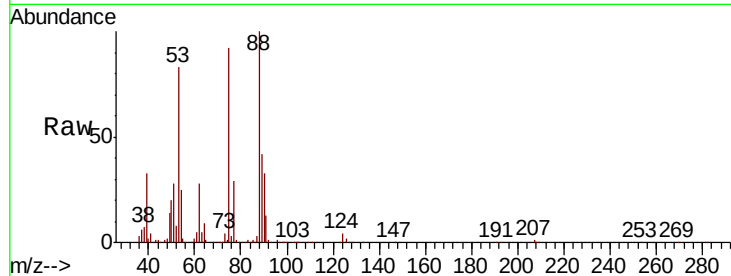
Tot Ion: 75 Resp: 114459

Ion Ratio Lower Upper

75 100

53 91.4 73.1 109.7

89 45.9 36.7 55.1



#82

4-Chlorotoluene

Concen: 48.526 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016032.D

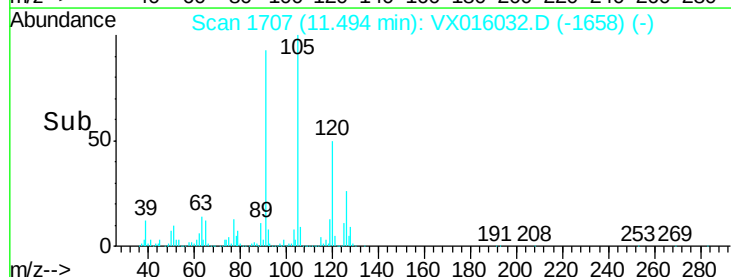
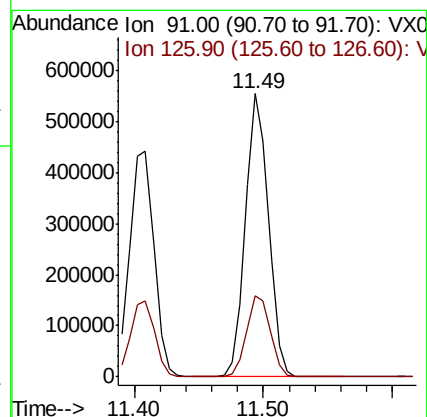
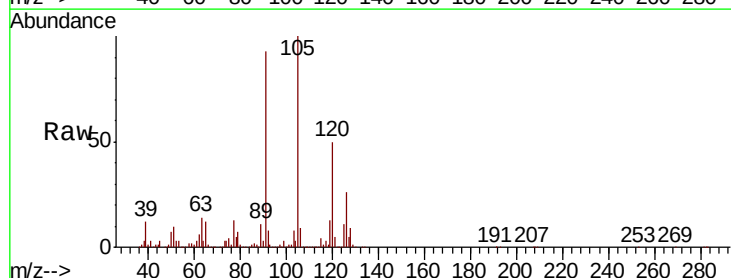
Acq: 04 May 2020 12:47

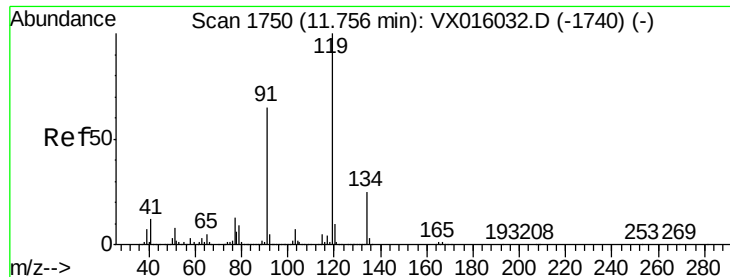
Tgt Ion: 91 Resp: 683795

Ion Ratio Lower Upper

91 100

126 29.5 14.8 44.3

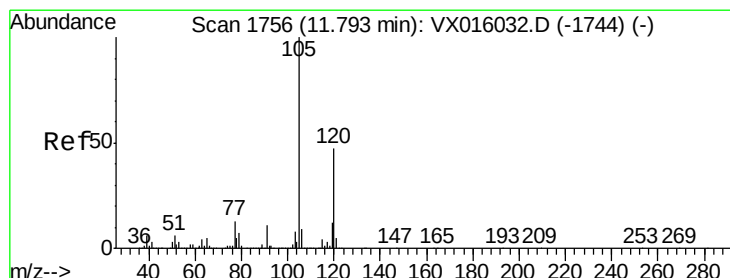
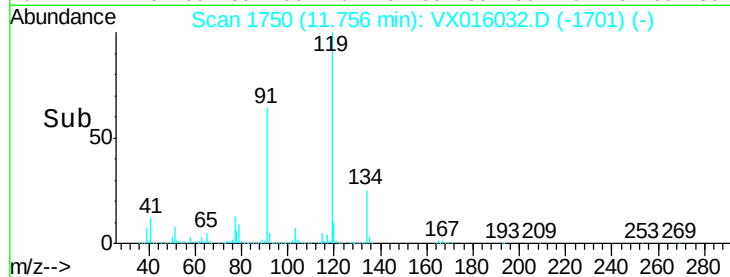
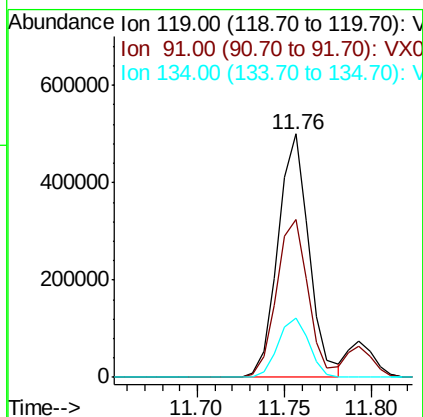
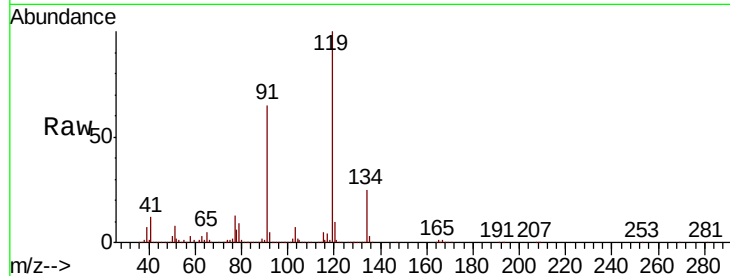




#83
 tert-Butylbenzene
 Concen: 49.126 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX016032.D
 Acq: 04 May 2020 12:47

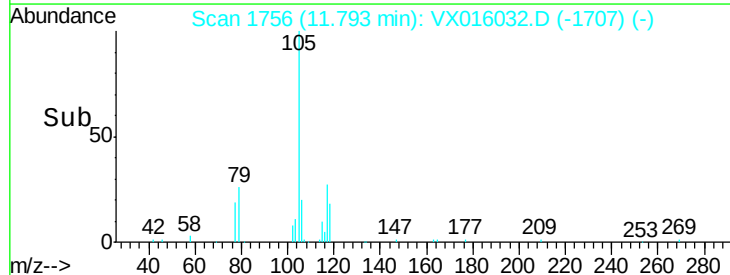
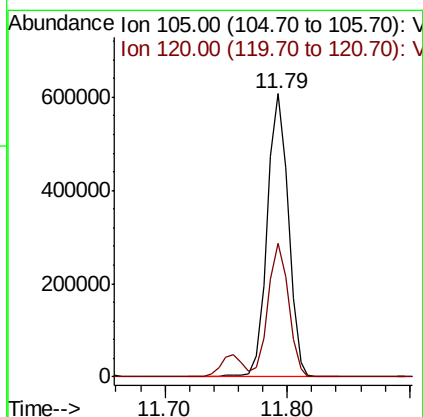
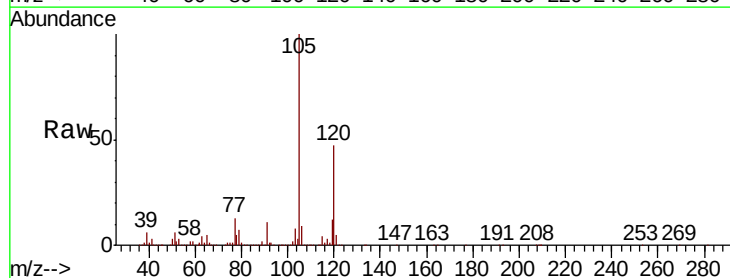
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

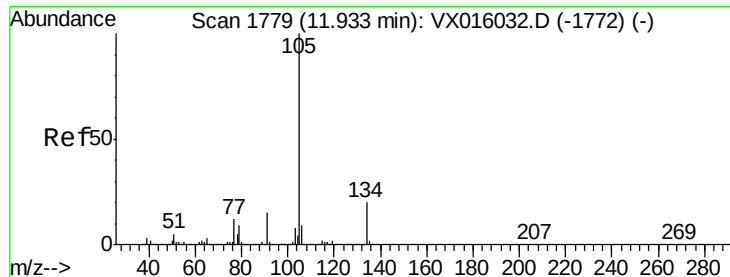
Tot Ion	Ratio	Lower	Upper
119	100		
91	65.6	32.8	98.4
134	24.7	12.4	37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 49.404 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016032.D
 Acq: 04 May 2020 12:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.0	69.0





#85

sec-Butylbenzene

Concen: 49.231 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

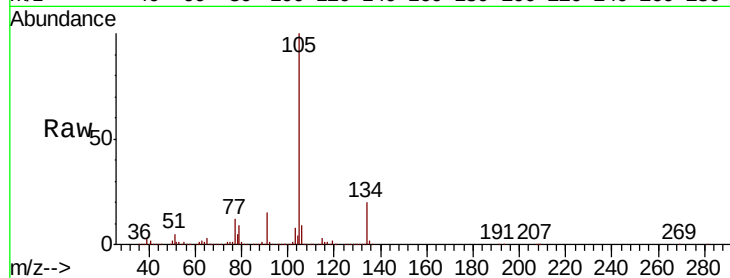
VSTDICCC050

Tot Ion:105 Resp: 837752

Ion Ratio Lower Upper

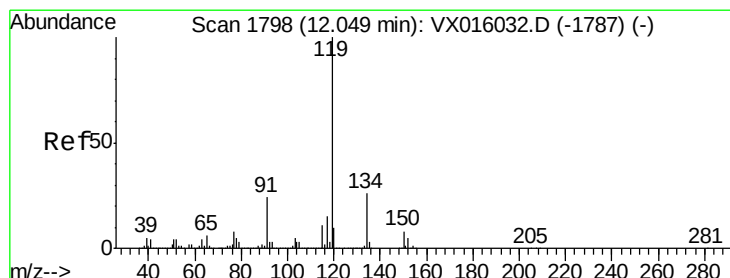
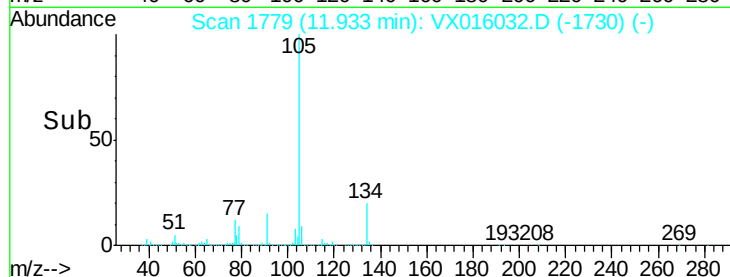
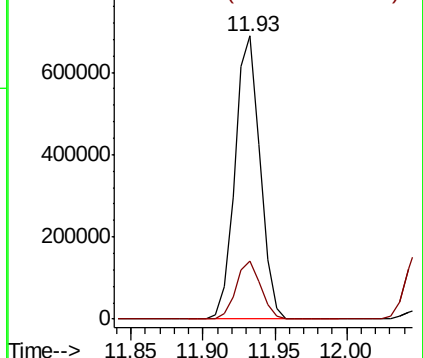
105 100

134 20.2 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.742 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

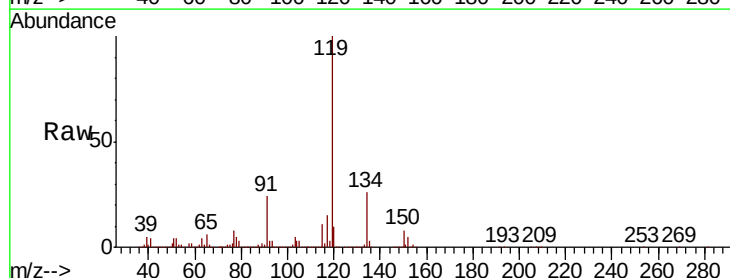
Tgt Ion:119 Resp: 782966

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

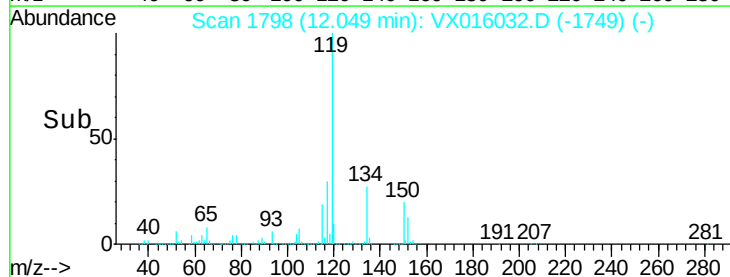
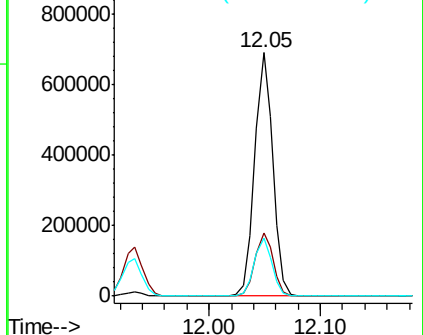
91 23.6 11.8 35.4

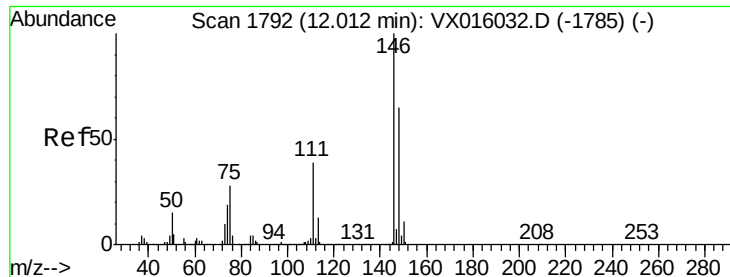


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 47.158 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

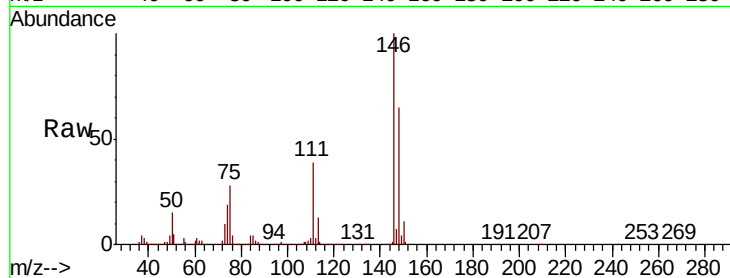
Tot Ion:146 Resp: 383128

Ion Ratio Lower Upper

146 100

111 40.4 20.2 60.6

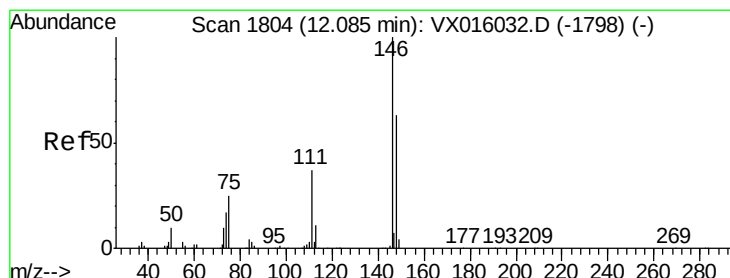
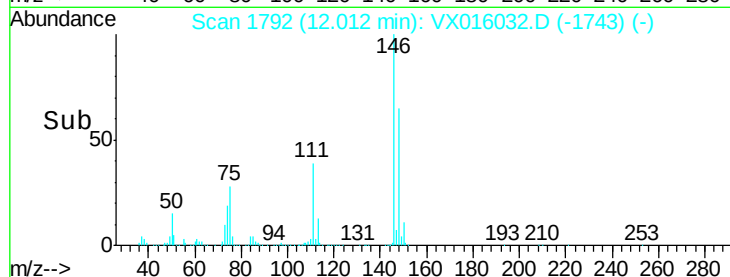
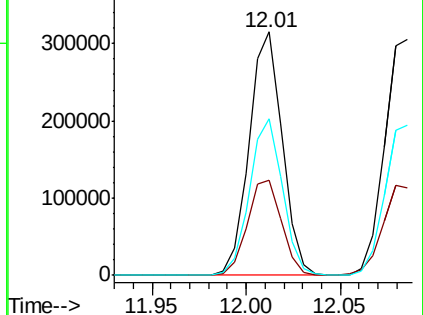
148 64.2 32.1 96.3



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: 47.742 ug/l

RT: 12.09 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

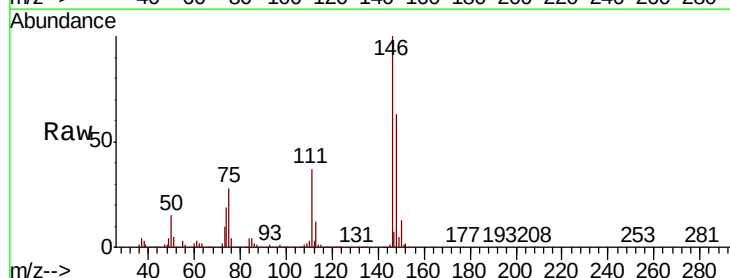
Tgt Ion:146 Resp: 388338

Ion Ratio Lower Upper

146 100

111 39.1 19.6 58.7

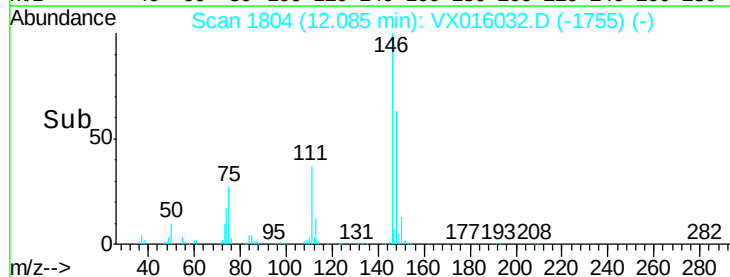
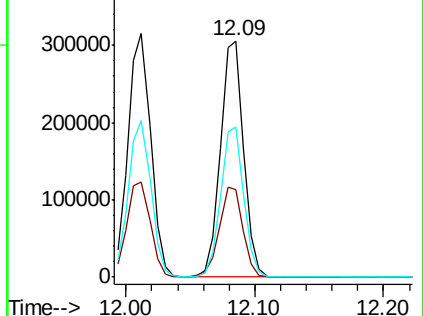
148 63.5 31.8 95.3

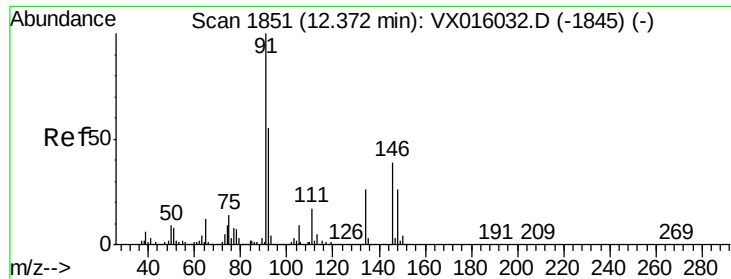


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

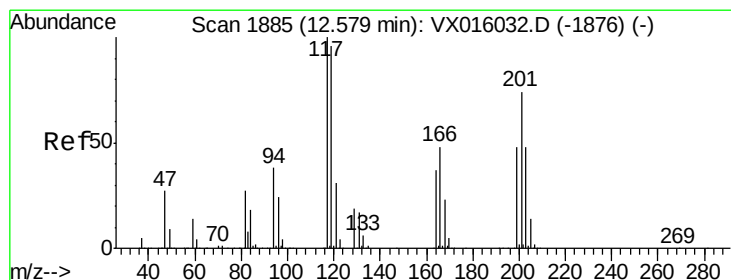
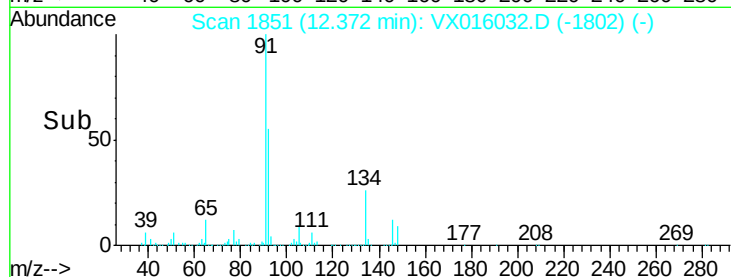
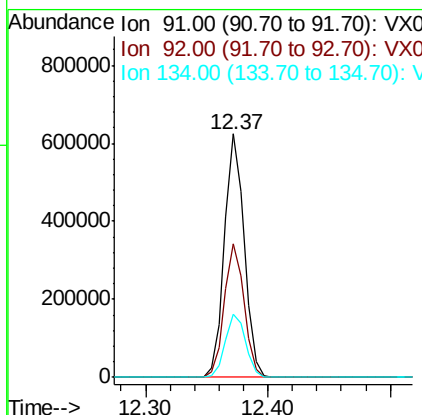
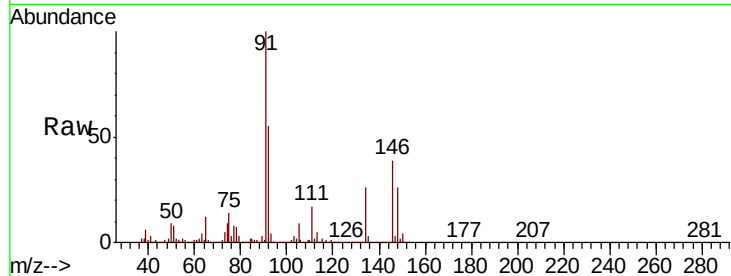




#89
n-Butylbenzene
Concen: 48.688 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

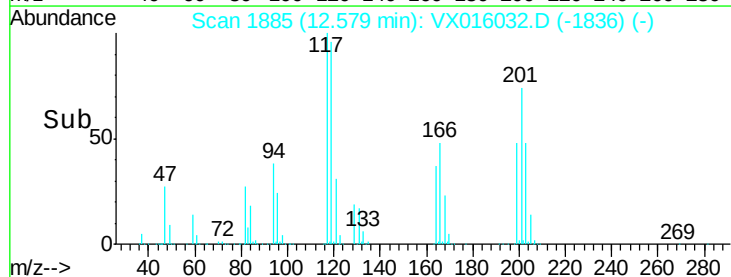
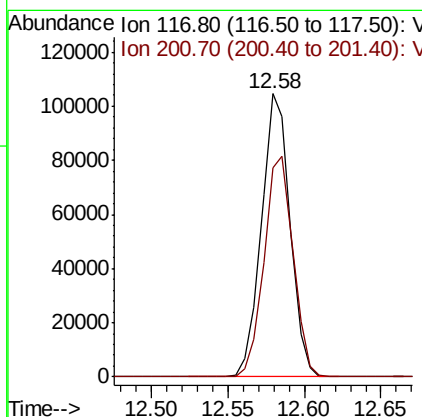
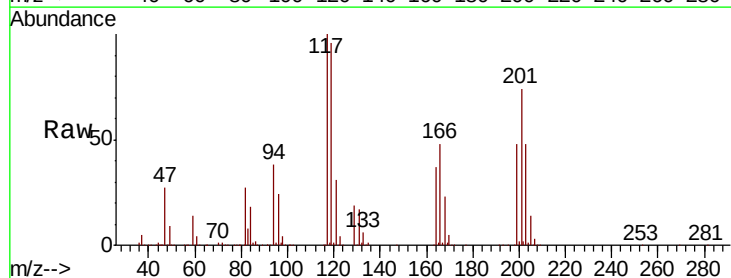
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

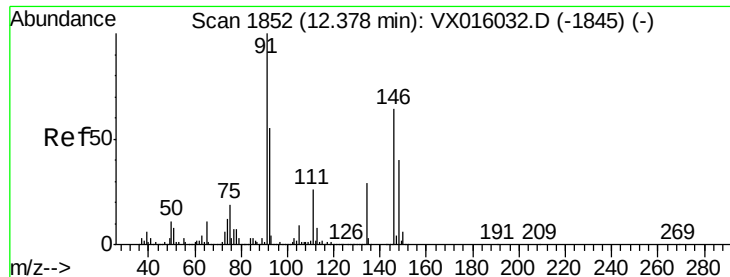
Tot Ion: 91 Resp: 697349
Ion Ratio Lower Upper
91 100
92 55.1 27.6 82.7
134 26.7 13.4 40.1



#90
Hexachloroethane
Concen: 52.276 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Tgt Ion: 117 Resp: 136745
Ion Ratio Lower Upper
117 100
201 79.5 39.8 119.3





#91

1,2-Dichlorobenzene

Concen: 47.348 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

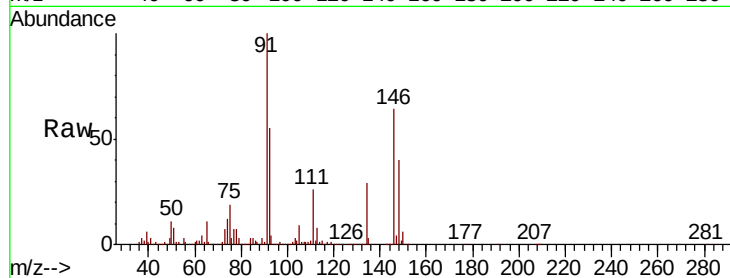
Tot Ion:146 Resp: 369040

Ion Ratio Lower Upper

146 100

111 42.1 21.1 63.1

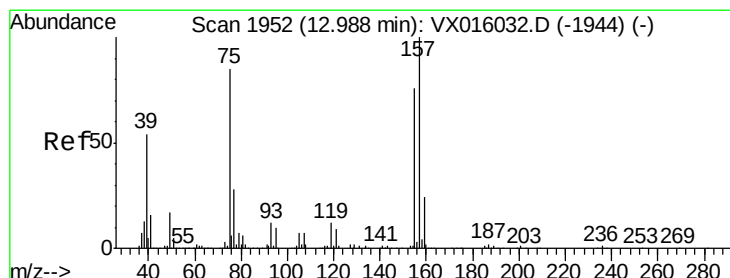
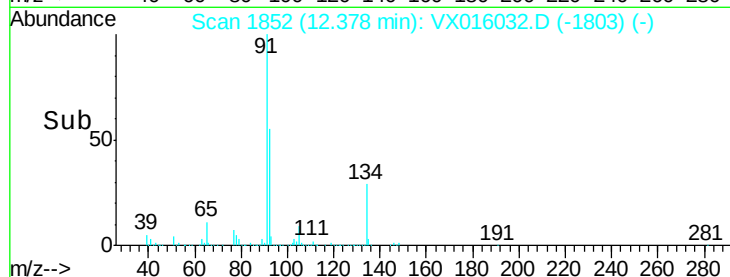
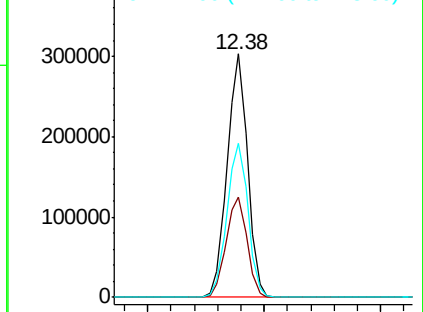
148 64.7 32.4 97.0



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: 48.654 ug/l

RT: 12.99 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VX016032.D

Acq: 04 May 2020 12:47

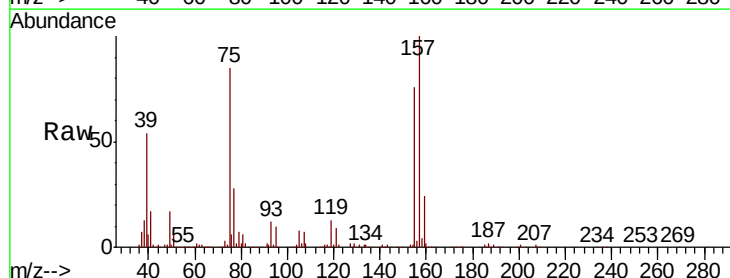
Tgt Ion: 75 Resp: 68478

Ion Ratio Lower Upper

75 100

155 85.0 42.5 127.5

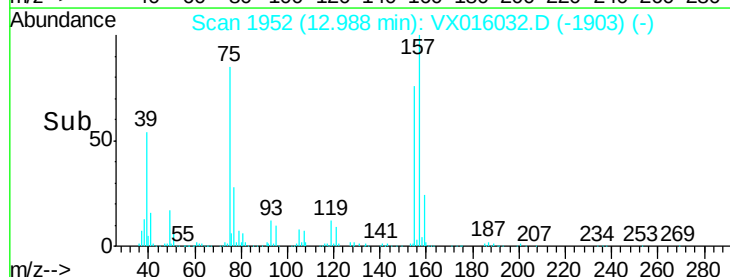
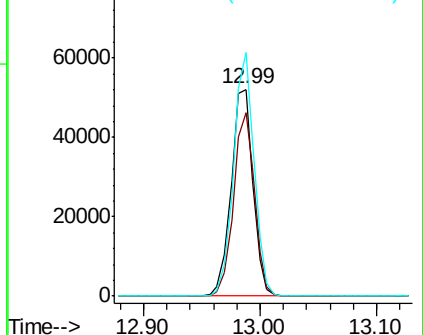
157 110.5 55.3 165.8

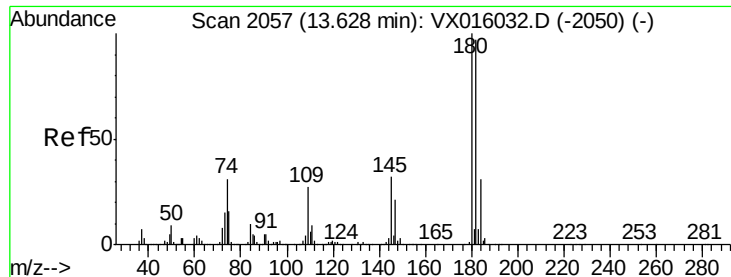


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

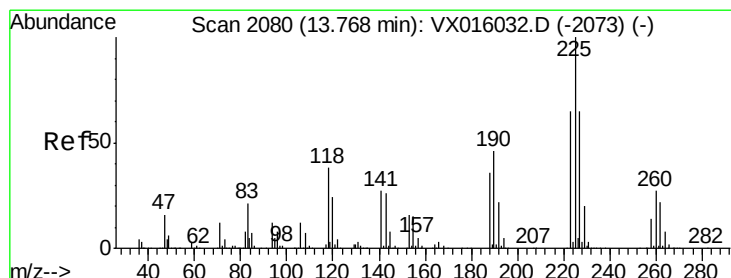
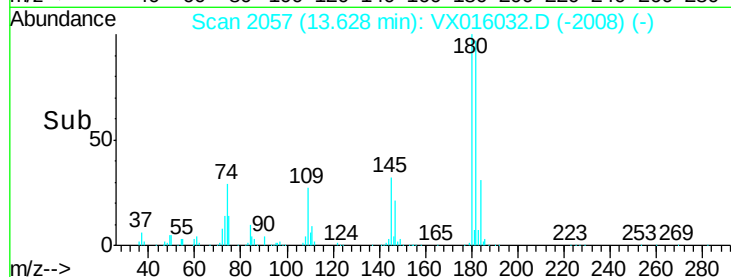
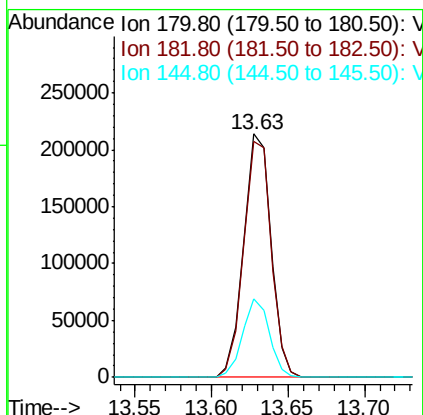
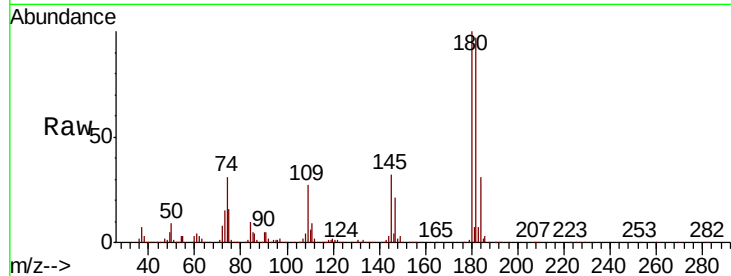




#93
 1,2,4-Trichlorobenzene
 Concen: 46.325 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016032.D
 Acq: 04 May 2020 12:47

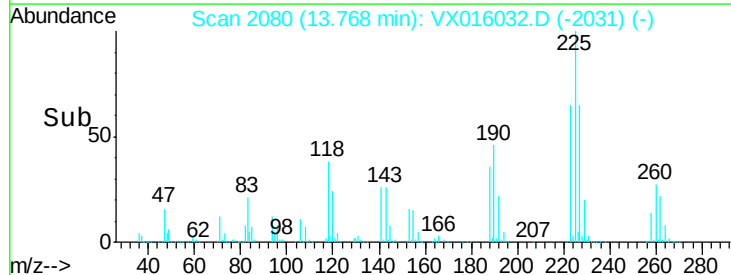
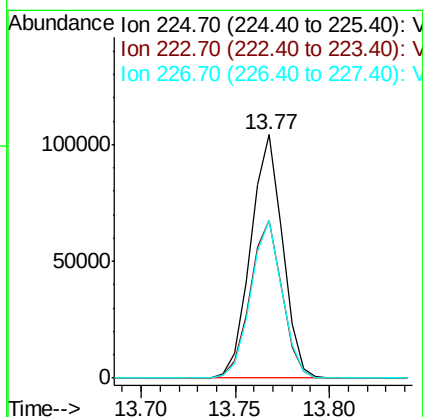
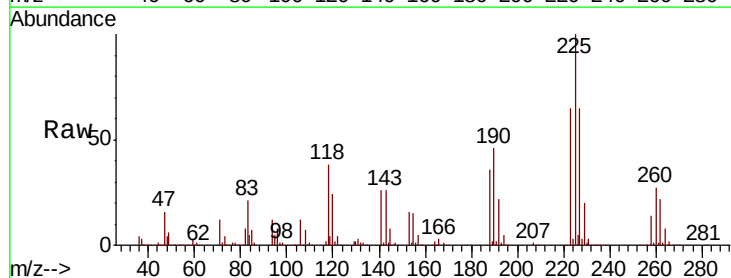
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

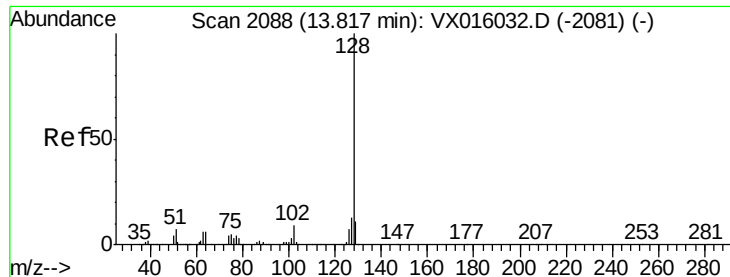
Tot Ion:180 Resp: 266264
 Ion Ratio Lower Upper
 180 100
 182 97.4 48.7 146.1
 145 31.4 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 45.223 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016032.D
 Acq: 04 May 2020 12:47

Tgt Ion:225 Resp: 122087
 Ion Ratio Lower Upper
 225 100
 223 64.6 32.3 96.9
 227 63.6 31.8 95.4

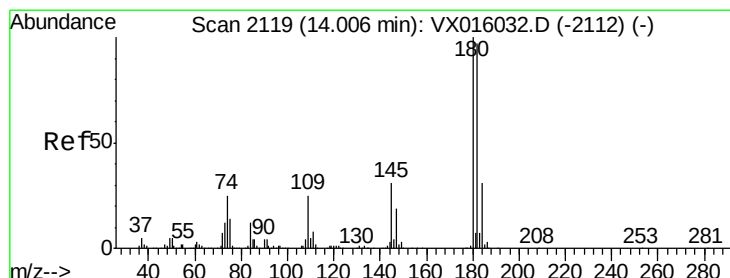
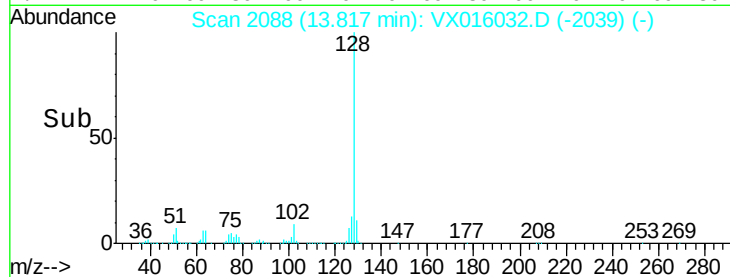
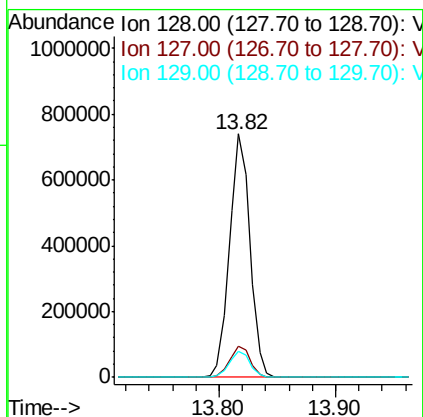
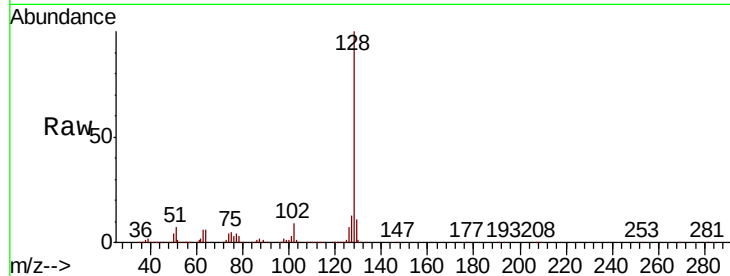




#95
Naphthalene
Concen: 48.806 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:128 Resp: 903171
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.738 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VX016032.D
Acq: 04 May 2020 12:47

Tgt Ion:180 Resp: 268476
Ion Ratio Lower Upper
180 100
182 96.7 48.4 145.0
145 32.7 16.4 49.1

