

Data File : VX015241.D
Acq On : 12 Mar 2020 18:22
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 13 04:22:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	269760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	415131	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	365232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	195174	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	154702	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
35) Dibromofluoromethane	5.49	113	130895	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
50) Toluene-d8	8.71	98	475152	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
62) 4-Bromofluorobenzene	11.13	95	173063	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	111260	47.100	ug/l	99
3) Chloromethane	1.31	50	159094	47.546	ug/l	99
4) Vinyl Chloride	1.40	62	162051	47.761	ug/l	98
5) Bromomethane	1.63	94	98116	47.036	ug/l	99
6) Chloroethane	1.72	64	100863	49.556	ug/l	98
7) Trichlorofluoromethane	1.92	101	204558	50.668	ug/l	98
8) Diethyl Ether	2.18	74	92339	50.497	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	126892	49.956	ug/l	99
10) Methyl Iodide	2.50	142	129997	45.300	ug/l	99
11) Tert butyl alcohol	3.03	59	156684	282.181	ug/l	99
12) 1,1-Dichloroethene	2.36	96	126139	48.118	ug/l	99
13) Acrolein	2.28	56	119765	229.517	ug/l	100
14) Allyl chloride	2.72	41	245170	53.637	ug/l	93
15) Acrylonitrile	3.13	53	402315	290.938	ug/l	98
16) Acetone	2.43	43	312131	240.826	ug/l	98
17) Carbon Disulfide	2.56	76	331012	45.468	ug/l	99
18) Methyl Acetate	2.76	43	173511	54.750	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	433018	52.860	ug/l	99
20) Methylene Chloride	2.84	84	150440	49.598	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	138353	49.427	ug/l	97
22) Diisopropyl ether	3.84	45	498953	54.789	ug/l	95
23) Vinyl Acetate	3.80	43	2092532	279.531	ug/l	99
24) 1,1-Dichloroethane	3.69	63	259564	51.355	ug/l	99
25) 2-Butanone	4.65	43	537711	283.384	ug/l	98
26) 2,2-Dichloropropane	4.58	77	193381	48.196	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	163098	51.938	ug/l	99
28) Bromochloromethane	5.00	49	122105	53.054	ug/l	97
29) Tetrahydrofuran	5.11	42	358319	292.953	ug/l	96
30) Chloroform	5.20	83	250020	50.752	ug/l	99
31) Cyclohexane	5.58	56	231075	51.256	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	209347	51.265	ug/l	98
36) 1,1-Dichloropropene	5.79	75	190414	49.617	ug/l	99
37) Ethyl Acetate	4.82	43	210826	59.223	ug/l	98
38) Carbon Tetrachloride	5.78	117	179924	49.669	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	229858	51.294	ug/l	98
40) Benzene	6.14	78	583710	51.266	ug/l	99
41) Methacrylonitrile	5.03	41	120895	56.539	ug/l	97
42) 1,2-Dichloroethane	6.18	62	192731	49.291	ug/l	98
43) Isopropyl Acetate	6.44	43	346749	55.369	ug/l	99
44) Trichloroethene	7.21	130	160996	50.773	ug/l	97
45) 1,2-Dichloropropane	7.51	63	157681	53.503	ug/l	96
46) Dibromomethane	7.65	93	98753	51.425	ug/l	97
47) Bromodichloromethane	7.89	83	181986	47.923	ug/l	100
48) Methyl methacrylate	7.76	41	159900	50.166	ug/l	98
49) 1,4-Dioxane	7.73	88	71061	1031.138	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1006729	271.886	ug/l	100
52) Toluene	8.78	92	341075	48.992	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	204300	50.545	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	229147	50.148	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	138482	48.328	ug/l	98
56) Ethyl methacrylate	9.17	69	223220	54.615	ug/l	96
57) 1,3-Dichloropropane	9.37	76	237493	49.265	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	562473	252.615	ug/l	99
59) 2-Hexanone	9.48	43	753227	274.456	ug/l	99
60) Dibromochloromethane	9.57	129	150287	49.929	ug/l	99
61) 1,2-Dibromoethane	9.67	107	143959	47.831	ug/l	99
64) Tetrachloroethene	9.33	164	153166	50.721	ug/l	97
65) Chlorobenzene	10.14	112	375190	51.167	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	138724	50.173	ug/l	98
67) Ethyl Benzene	10.25	91	659599	52.974	ug/l	98
68) m/p-Xylenes	10.36	106	501767	105.918	ug/l	100
69) o-Xylene	10.70	106	241159	53.169	ug/l	99
70) Styrene	10.71	104	426663	54.862	ug/l	99
71) Bromoform	10.86	173	118439	55.240	ug/l #	99
73) Isopropylbenzene	11.01	105	650414	52.167	ug/l	99
74) N-amyl acetate	10.89	43	289143	55.029	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	207792	50.009	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	245260	62.998	ug/l	80
77) Bromobenzene	11.25	156	173772	50.012	ug/l	97
78) n-propylbenzene	11.35	91	738701	51.860	ug/l	100
79) 2-Chlorotoluene	11.42	91	434075	51.029	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	534868	51.534	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	69396	50.588	ug/l	99
82) 4-Chlorotoluene	11.51	91	501233	49.874	ug/l	99
83) tert-Butylbenzene	11.76	119	536819	53.491	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	550337	52.781	ug/l	99
85) sec-Butylbenzene	11.94	105	633492	52.290	ug/l	99
86) p-Isopropyltoluene	12.06	119	589617	52.825	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	307579	50.355	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	311218	49.351	ug/l	99
89) n-Butylbenzene	12.39	91	511221	51.497	ug/l	99
90) Hexachloroethane	12.59	117	103236	48.923	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	307145	50.577	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	43892	52.753	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031220\
Quantitation Report (Not Reviewed)

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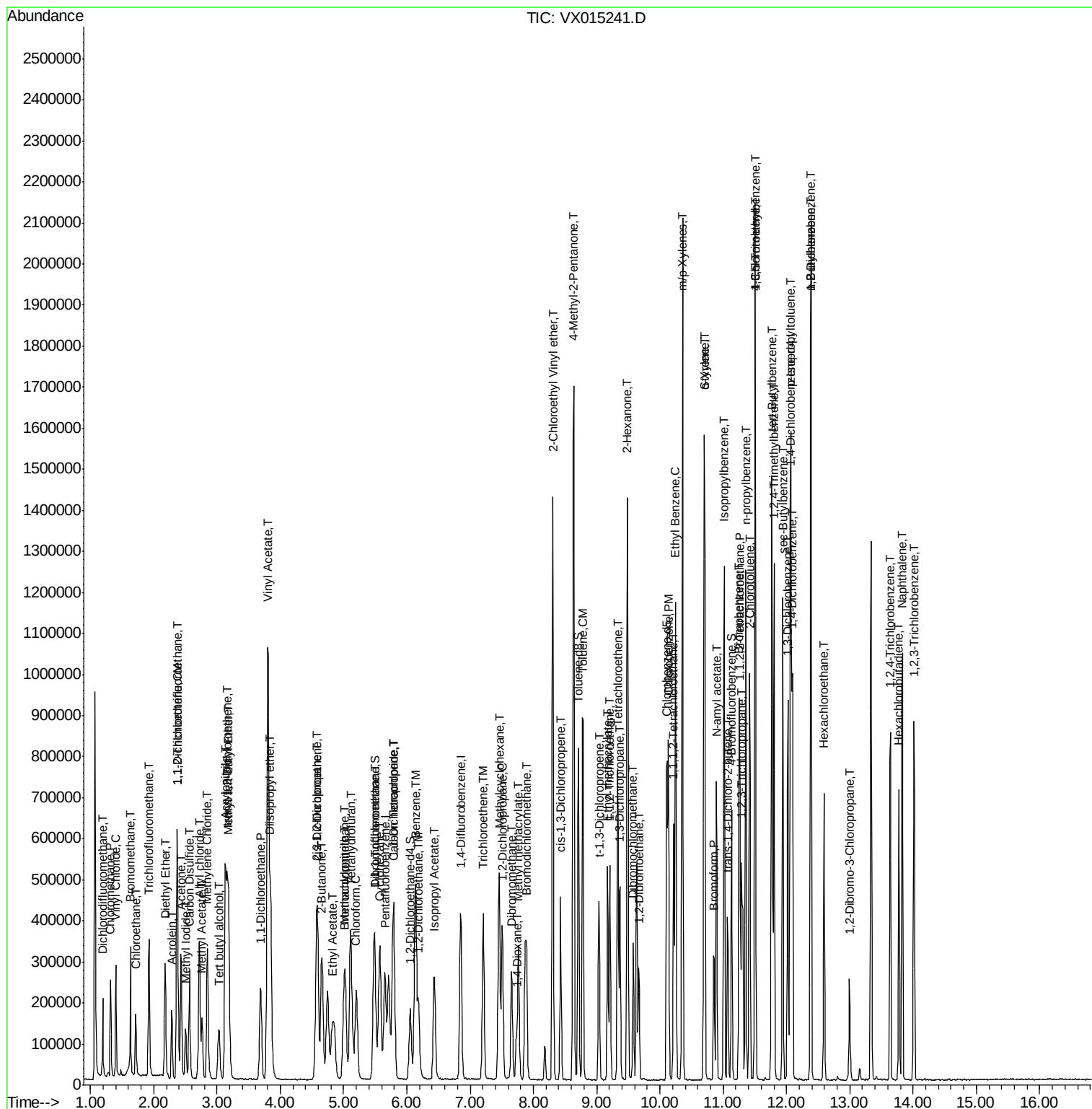
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	224977	53.370	ug/l	99
94) Hexachlorobutadiene	13.78	225	113655	52.542	ug/l	99
95) Naphthalene	13.83	128	644889	49.920	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	223247	53.080	ug/l	99

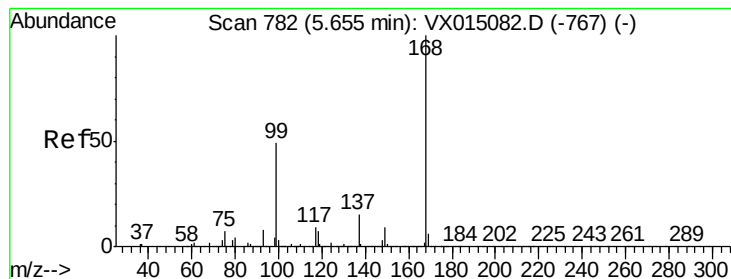
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015241.D

Acq: 12 Mar 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

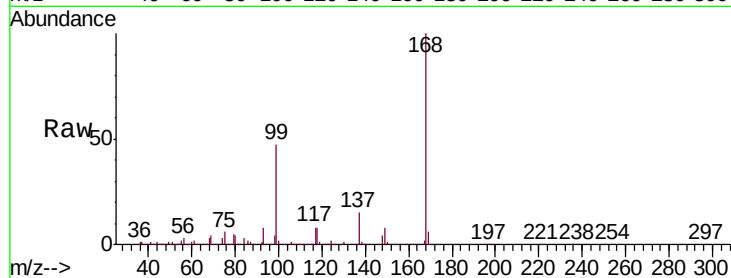
VSTDCCC050EC

Tgt Ion:168 Resp: 269760

Ion Ratio Lower Upper

168 100

99 47.1 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

100000

80000

60000

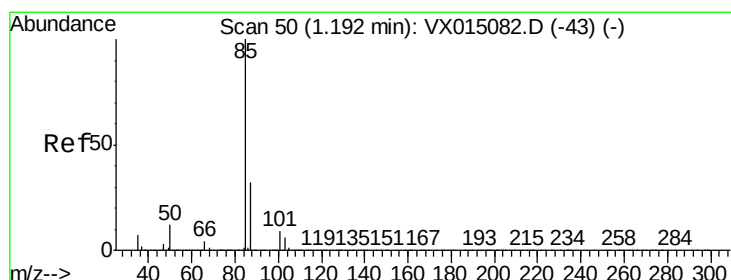
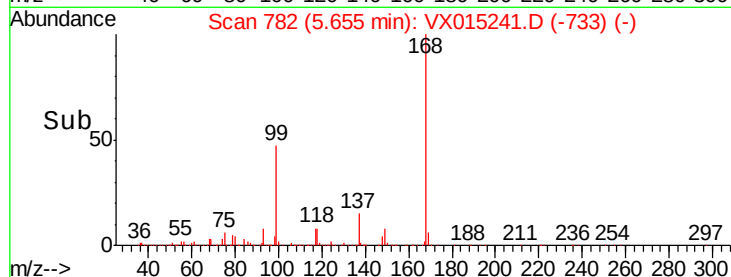
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.100 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015241.D

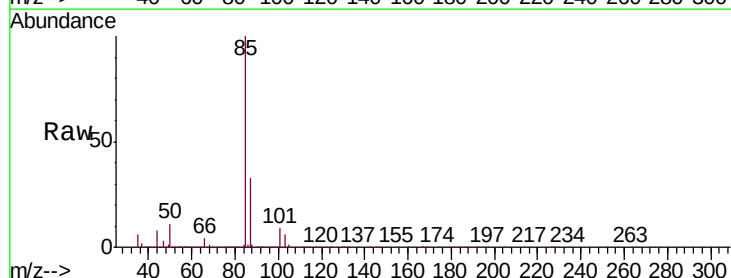
Acq: 12 Mar 2020 18:22

Tgt Ion: 85 Resp: 111260

Ion Ratio Lower Upper

85 100

87 32.9 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

120000

100000

80000

60000

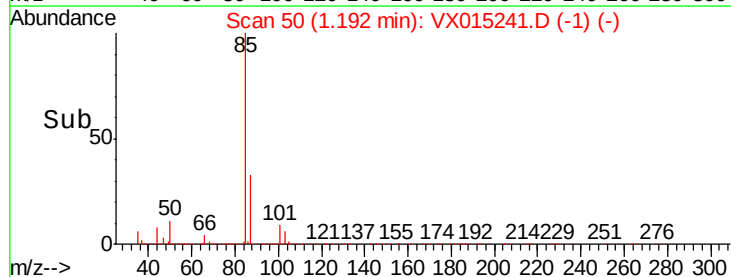
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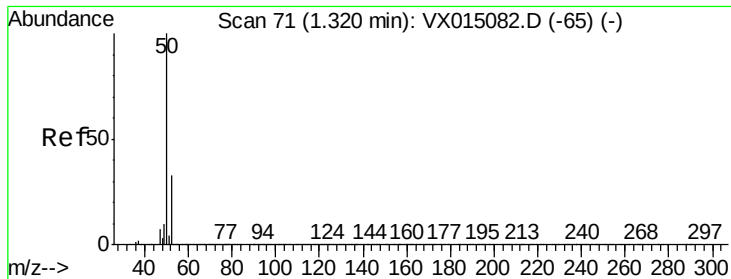
20000

0

1.10 1.15 1.20 1.25 1.30

Time-->

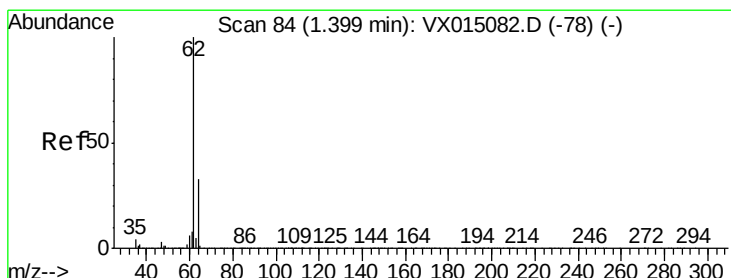
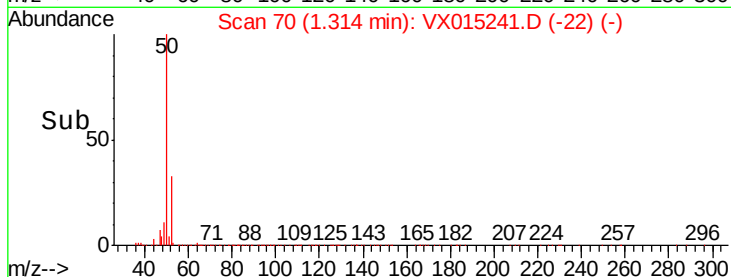
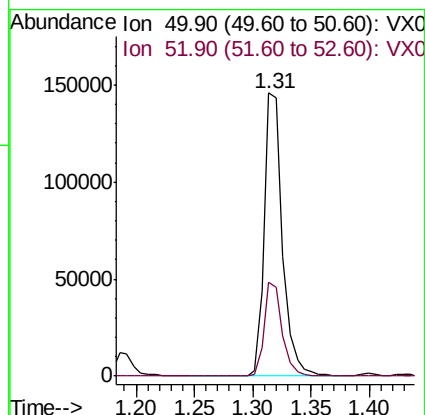
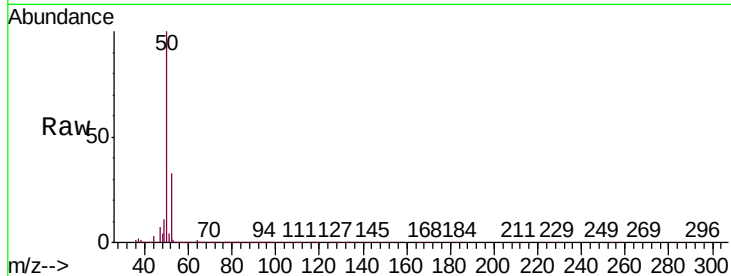




#3
Chloromethane
Concen: 47.546 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.01 min
Lab File: VX015241.D
Acq: 12 Mar 2020 18:22

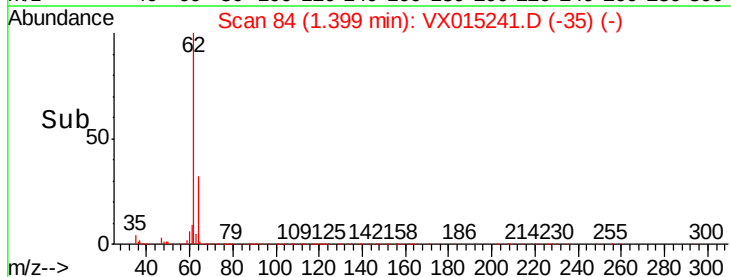
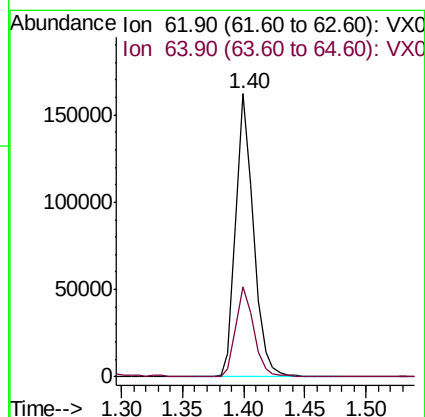
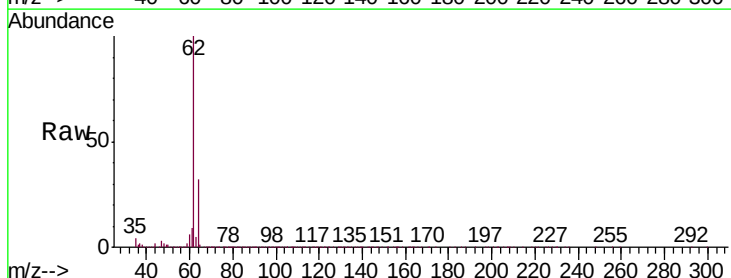
Instrument :
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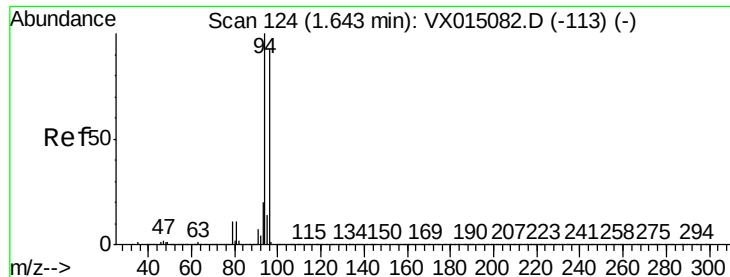
Tgt Ion: 50 Resp: 159094
Ion Ratio Lower Upper
50 100
52 33.3 26.2 39.2



#4
Vinyl Chloride
Concen: 47.761 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX015241.D
Acq: 12 Mar 2020 18:22

Tgt Ion: 62 Resp: 162051
Ion Ratio Lower Upper
62 100
64 31.6 26.1 39.1





#5

Bromomethane

Concen: 47.036 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015241.D

Acq: 12 Mar 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

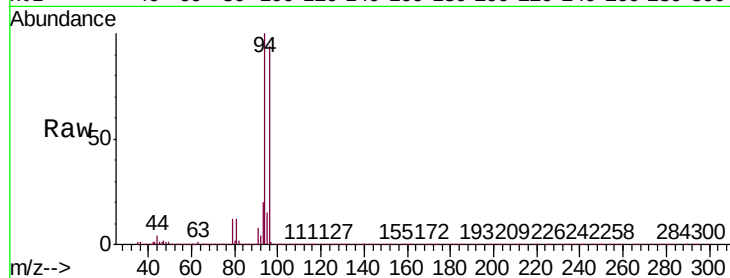
VSTDCCC050EC

Tgt Ion: 94 Resp: 98116

Ion Ratio Lower Upper

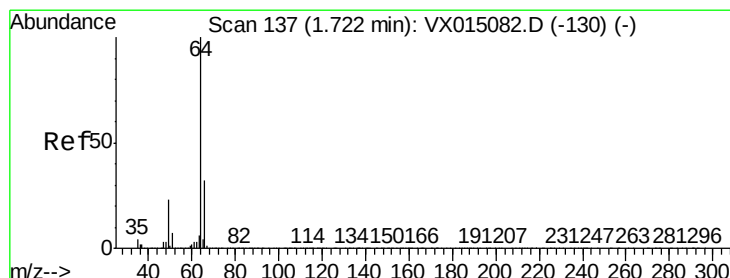
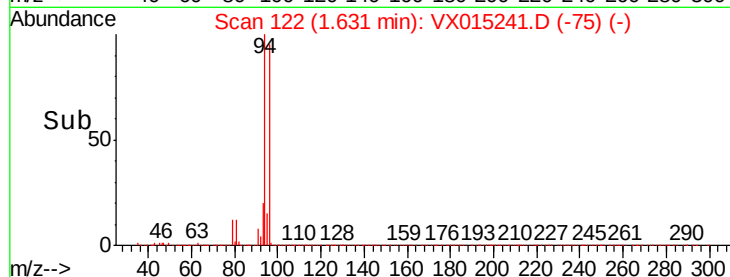
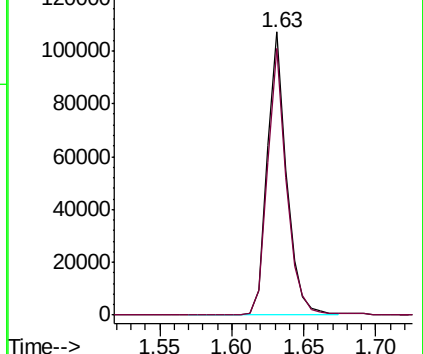
94 100

96 94.4 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.556 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015241.D

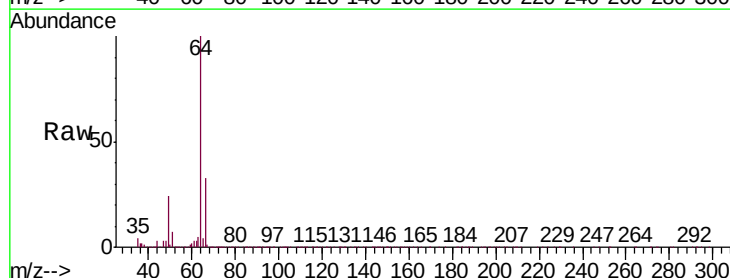
Acq: 12 Mar 2020 18:22

Tgt Ion: 64 Resp: 100863

Ion Ratio Lower Upper

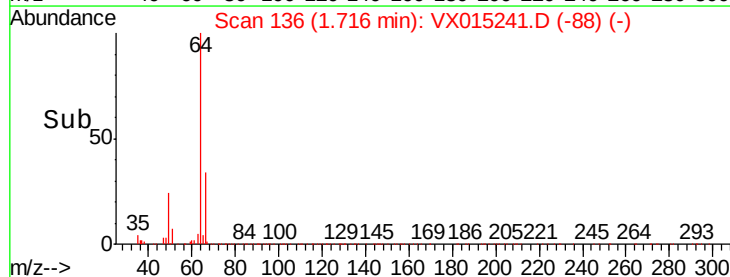
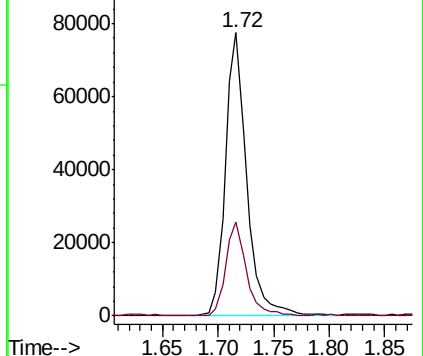
64 100

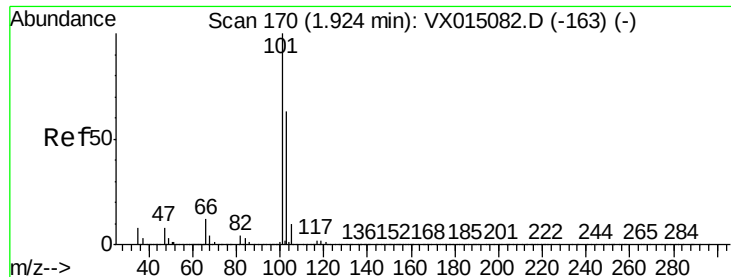
66 33.3 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



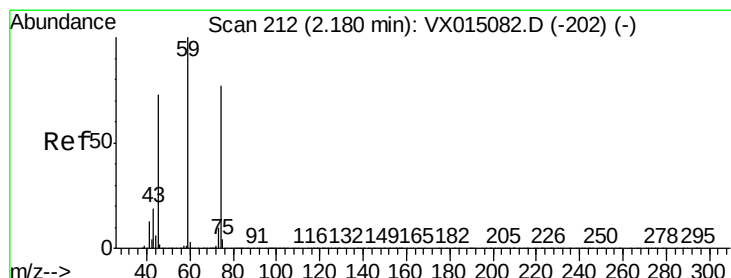
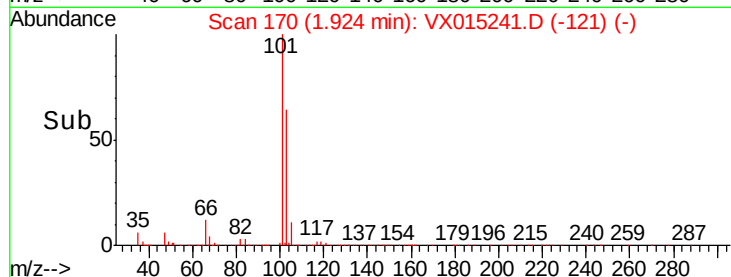
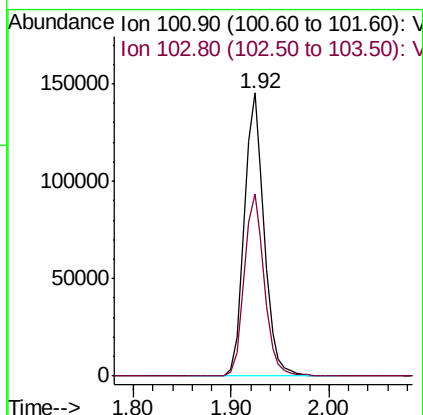
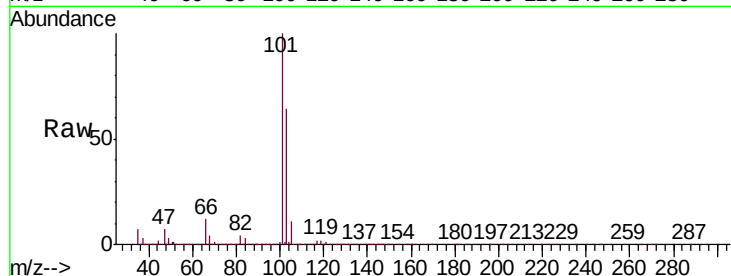


#7

Trichlorofluoromethane
Concen: 50.668 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX015241.D
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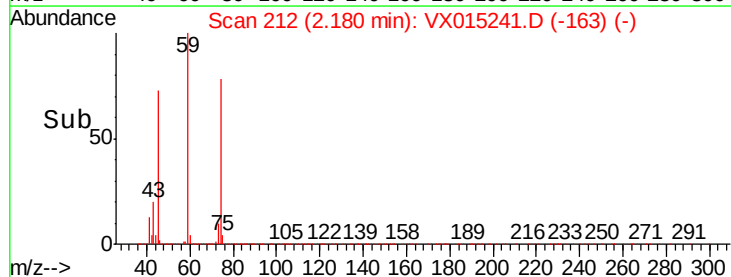
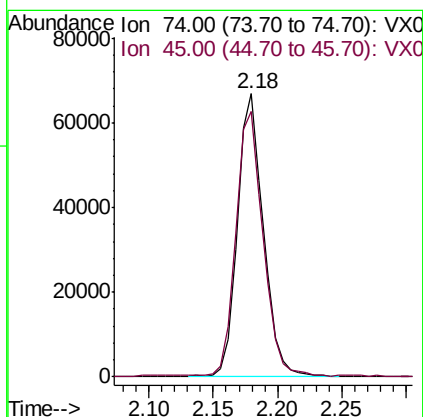
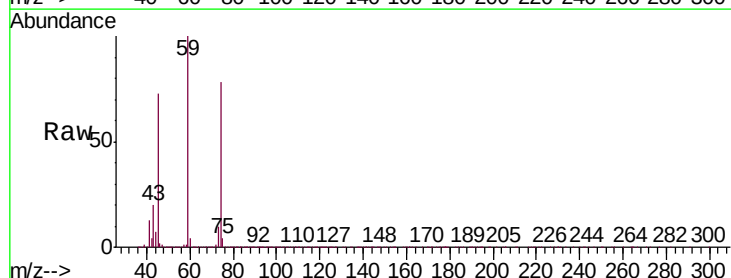
Tgt Ion:101 Resp: 204558
Ion Ratio Lower Upper
101 100
103 64.4 50.4 75.6

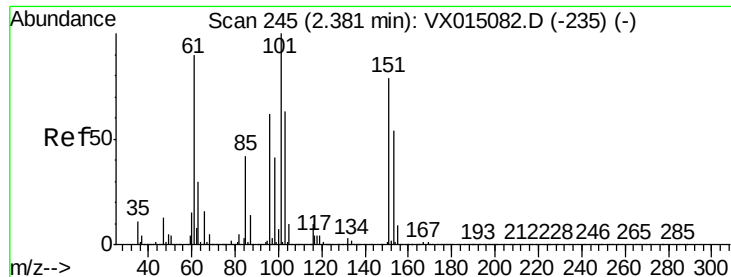


#8

Diethyl Ether
Concen: 50.497 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015241.D
Acq: 12 Mar 2020 18:22

Tgt Ion: 74 Resp: 92339
Ion Ratio Lower Upper
74 100
45 98.4 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.956 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015241.D

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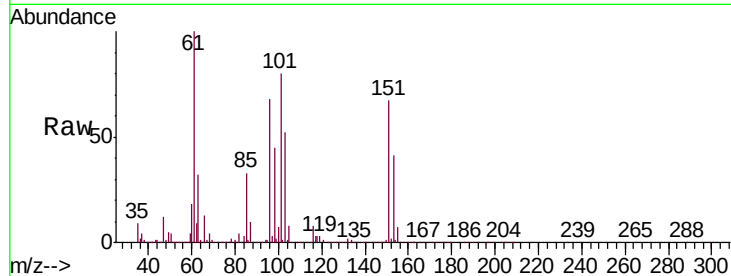
Tgt Ion:101 Resp: 126892

Ion Ratio Lower Upper

101 100

85 40.5 33.7 50.5

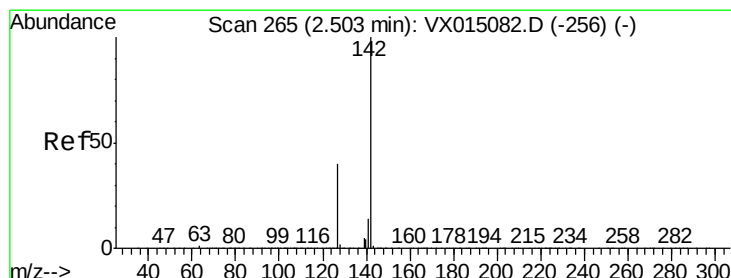
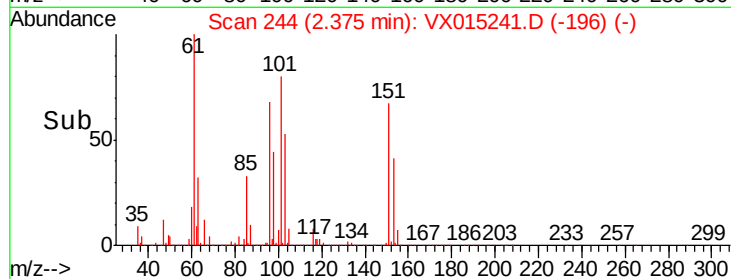
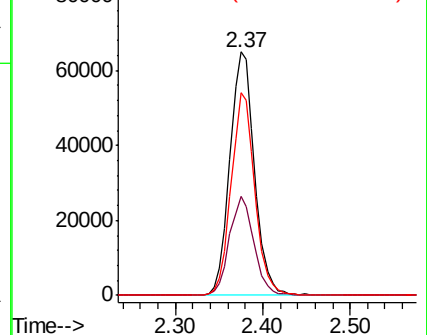
151 80.1 64.0 96.0



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: 45.300 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX015241.D

Acq: 12 Mar 2020 18:22

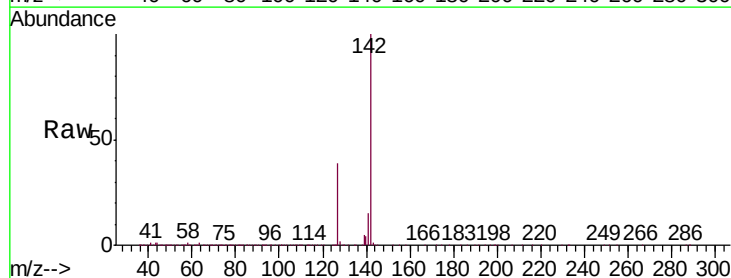
Tgt Ion:142 Resp: 129997

Ion Ratio Lower Upper

142 100

127 39.1 31.7 47.5

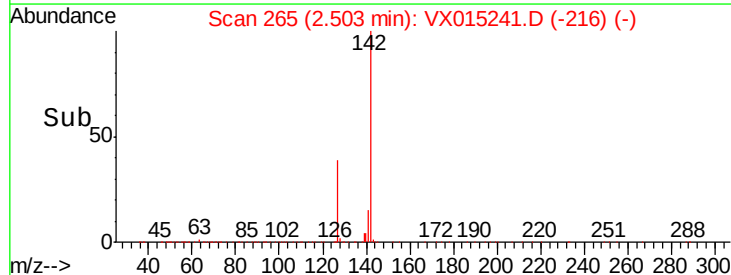
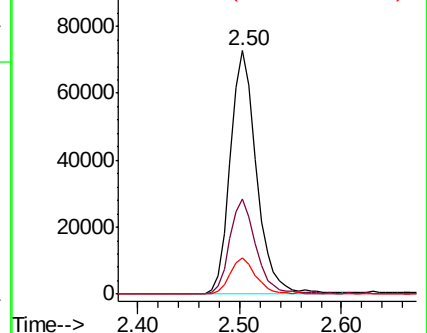
141 14.4 11.3 16.9

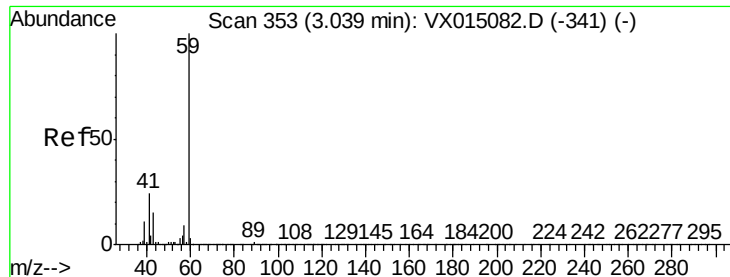


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

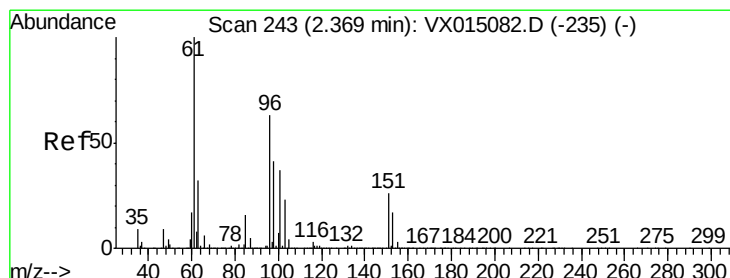
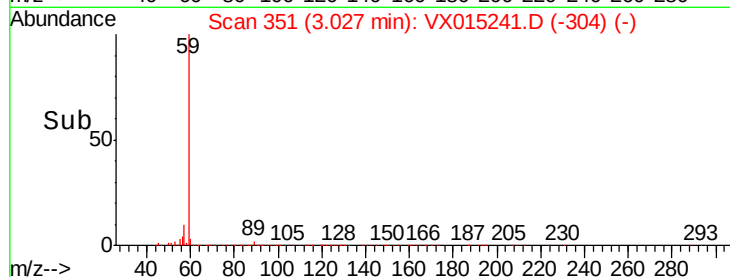
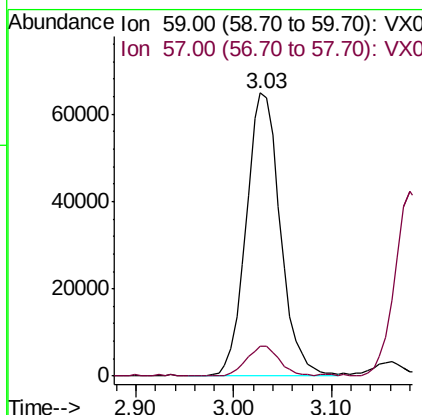
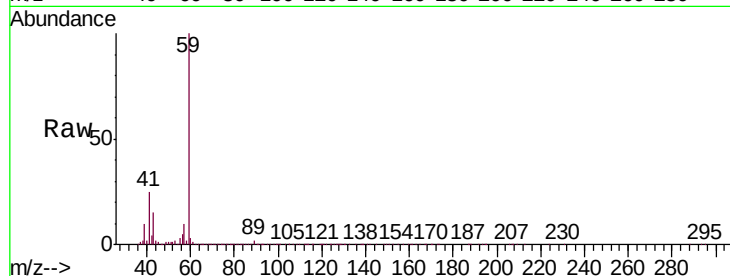




#11
Tert butyl alcohol
Concen: 282.181 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX015241.D
Acq: 12 Mar 2020 18:22

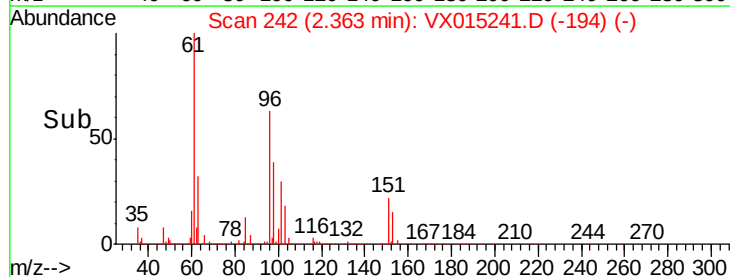
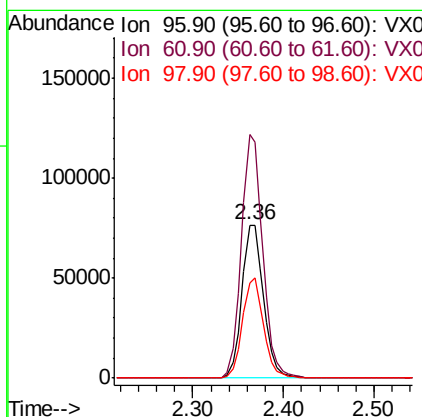
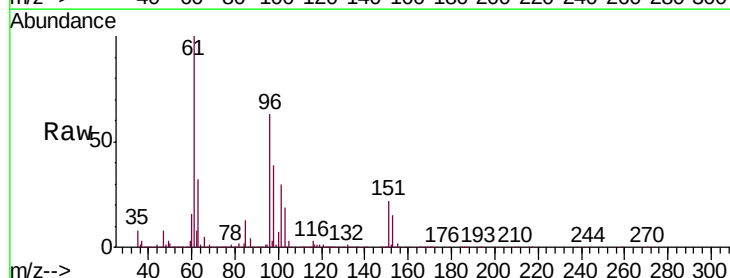
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

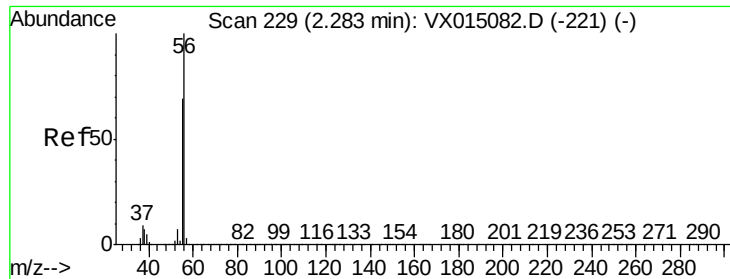
Tgt Ion: 59 Resp: 156684
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4



#12
1,1-Dichloroethene
Concen: 48.118 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX015241.D
Acq: 12 Mar 2020 18:22

Tgt Ion: 96 Resp: 126139
Ion Ratio Lower Upper
96 100
61 158.9 126.2 189.4
98 62.3 51.4 77.0

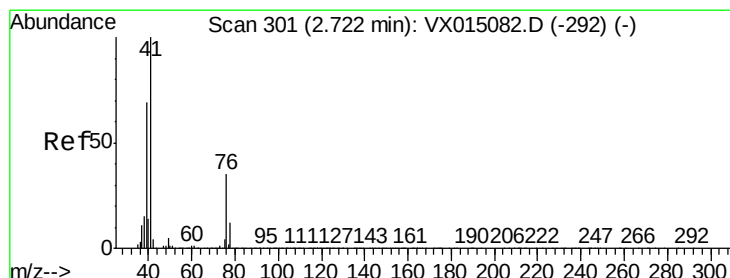
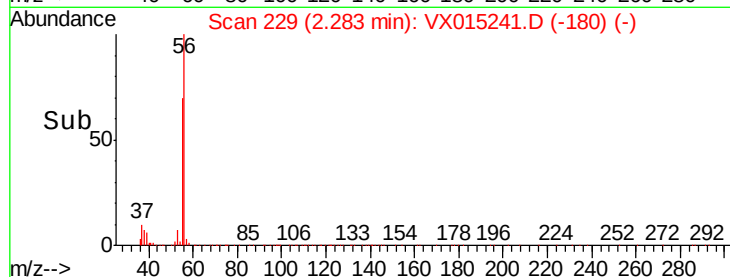
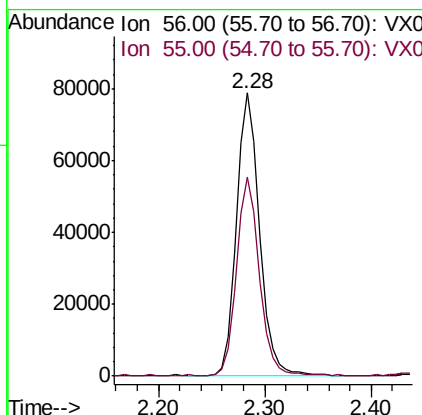
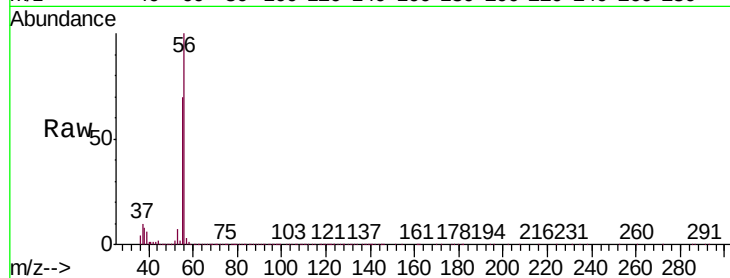




#13
Acrolein
Concen: 229.517 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX015241.D
Acq: 12 Mar 2020 18:22

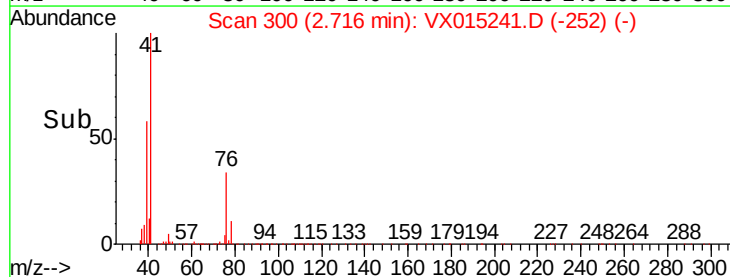
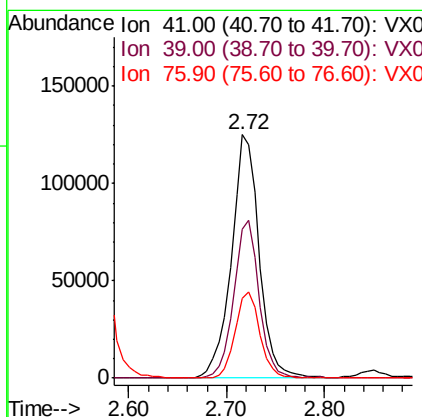
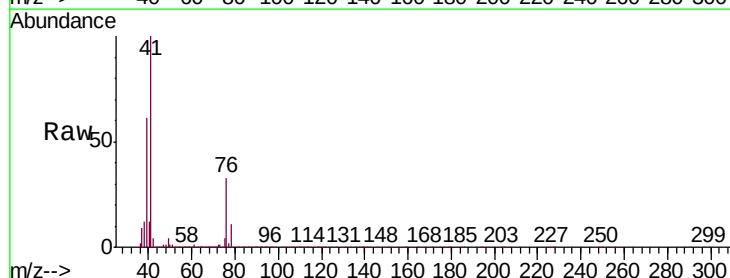
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

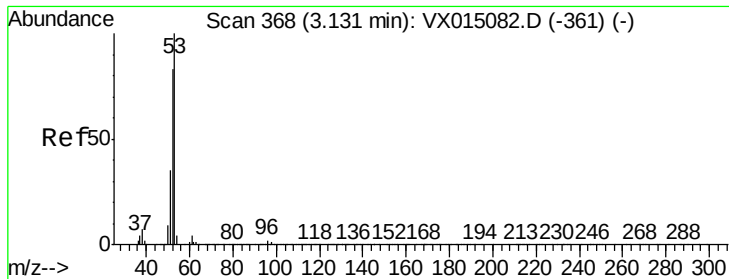
Tgt Ion: 56 Resp: 119765
Ion Ratio Lower Upper
56 100
55 69.3 55.4 83.0



#14
Allyl chloride
Concen: 53.637 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX015241.D
Acq: 12 Mar 2020 18:22

Tgt Ion: 41 Resp: 245170
Ion Ratio Lower Upper
41 100
39 59.4 52.9 79.3
76 31.8 26.8 40.2





#15

Acrylonitrile

Concen: 290.938 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX015241.D

Acq: 12 Mar 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

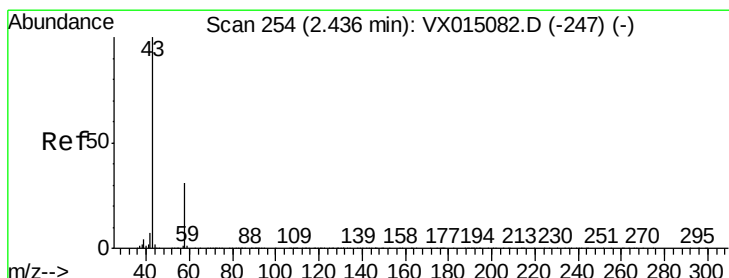
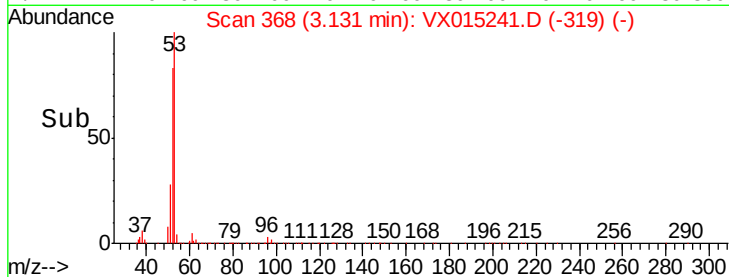
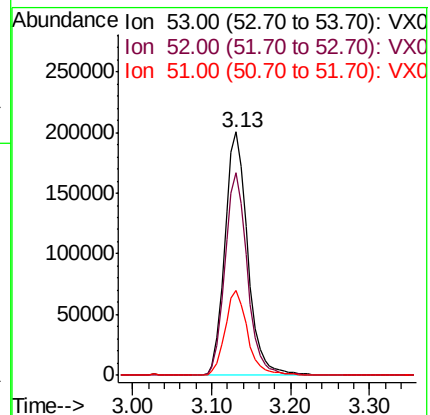
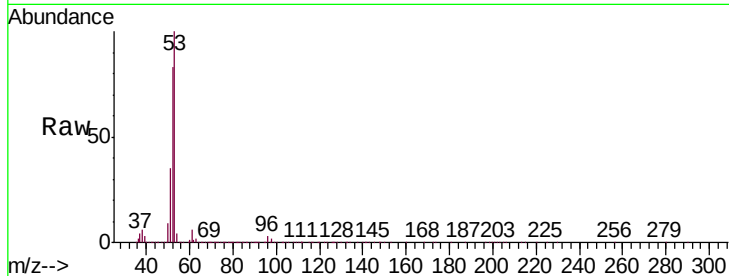
Tgt Ion: 53 Resp: 402315

Ion Ratio Lower Upper

53 100

52 81.9 66.6 100.0

51 34.7 29.0 43.6



#16

Acetone

Concen: 240.826 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX015241.D

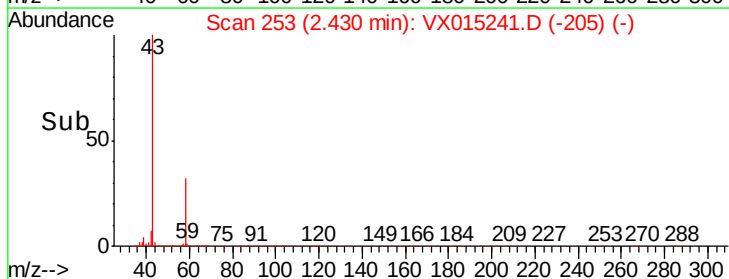
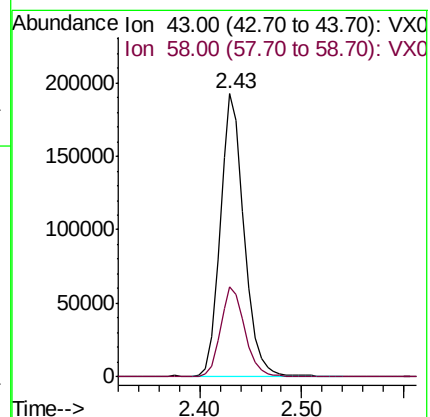
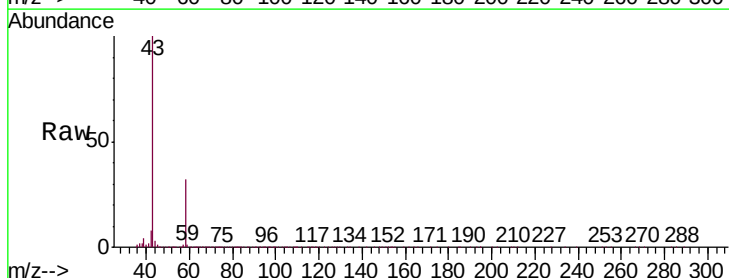
Acq: 12 Mar 2020 18:22

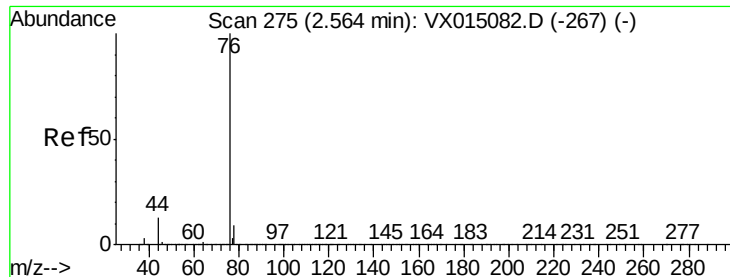
Tgt Ion: 43 Resp: 312131

Ion Ratio Lower Upper

43 100

58 32.0 24.8 37.2





#17

Carbon Disulfide

Concen: 45.468 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015241.D

Acq: 12 Mar 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

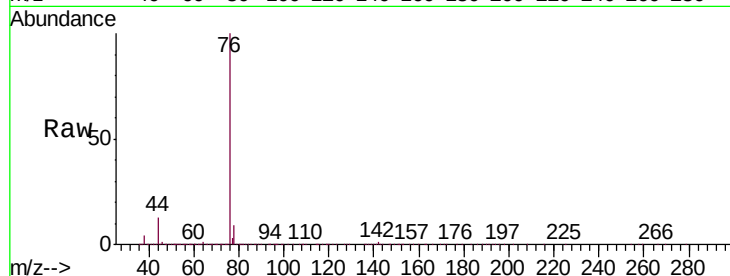
VSTDCCC050EC

Tgt Ion: 76 Resp: 331012

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

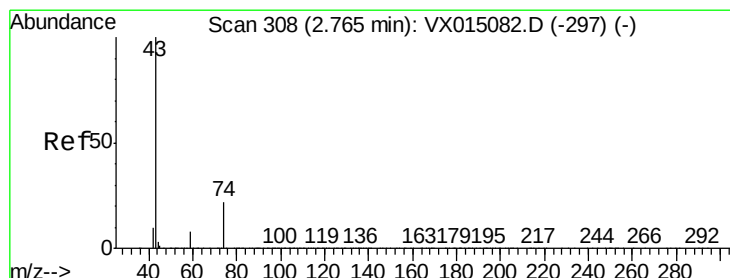
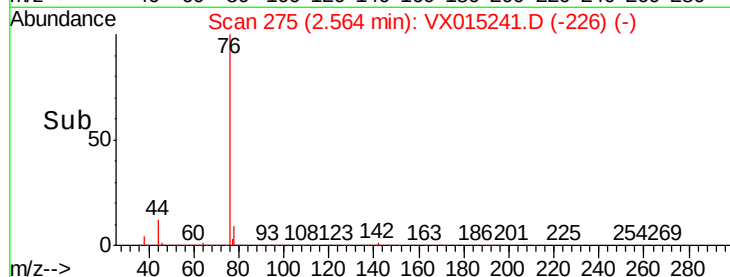
100000

50000

0

2.50 2.56 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 54.750 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX015241.D

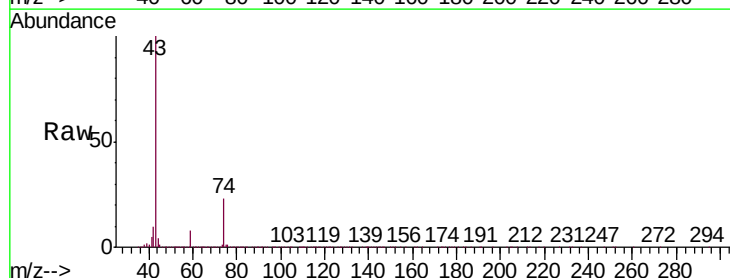
Acq: 12 Mar 2020 18:22

Tgt Ion: 43 Resp: 173511

Ion Ratio Lower Upper

43 100

74 23.5 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

60000

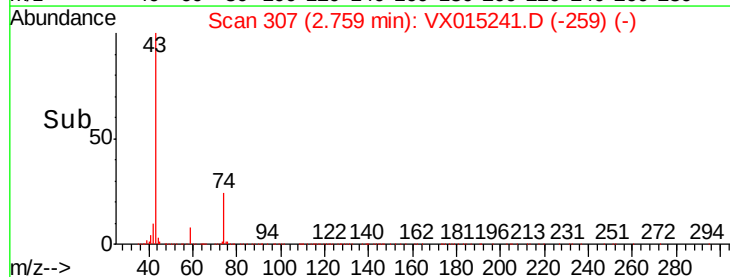
40000

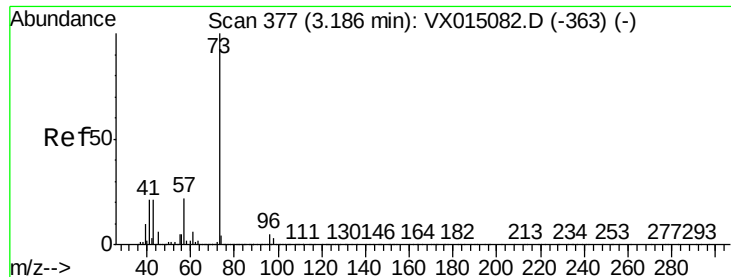
20000

0

2.70 2.75 2.80 2.85

Time-->

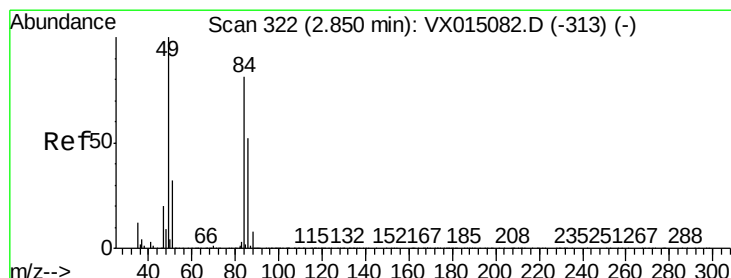
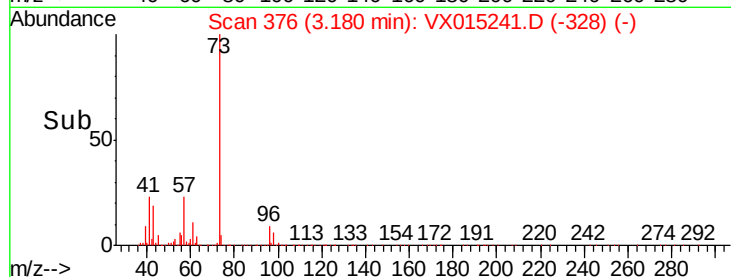
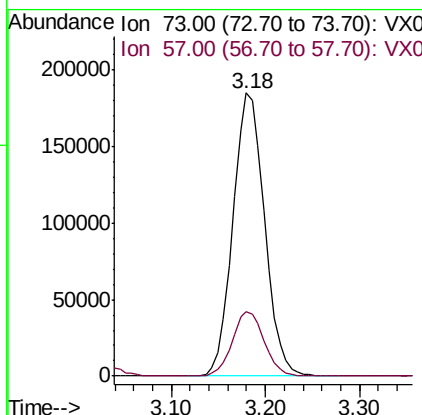
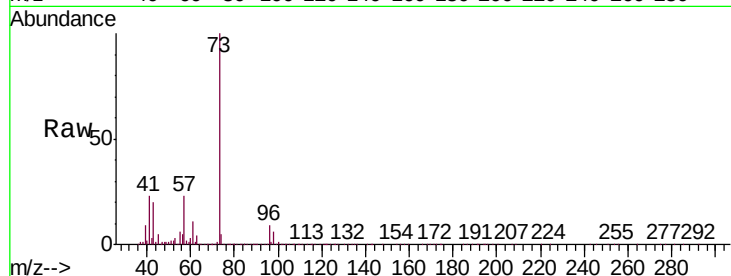




#19
Methyl tert-butyl Ether
Concen: 52.860 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015241.D
Acq: 12 Mar 2020 18:22

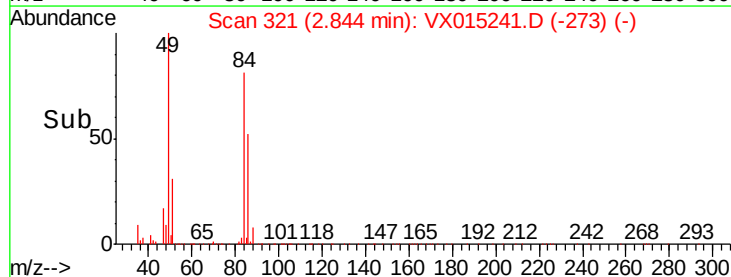
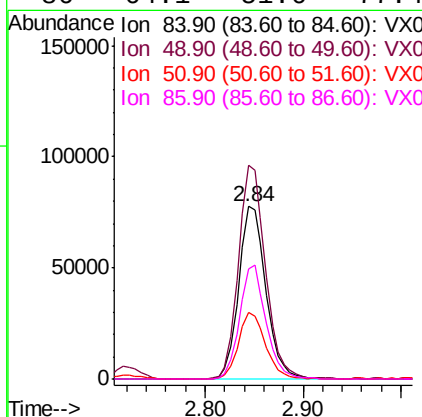
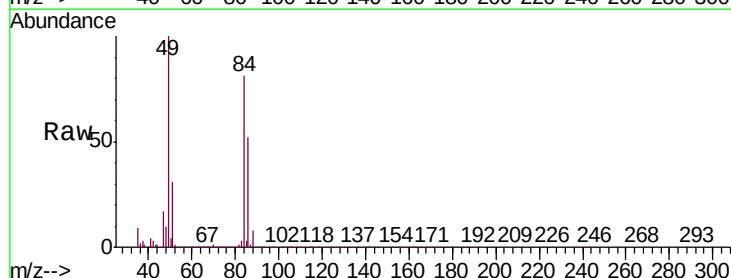
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

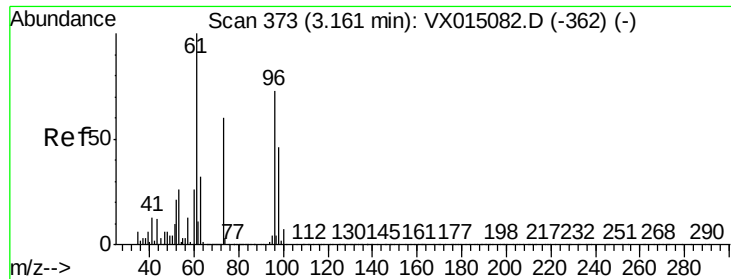
Tgt Ion: 73 Resp: 433018
Ion Ratio Lower Upper
73 100
57 22.8 17.8 26.6



#20
Methylene Chloride
Concen: 49.598 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX015241.D
Acq: 12 Mar 2020 18:22

Tgt Ion: 84 Resp: 150440
Ion Ratio Lower Upper
84 100
49 123.5 99.4 149.2
51 38.4 31.5 47.3
86 64.1 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 49.427 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015241.D

Acq: 12 Mar 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

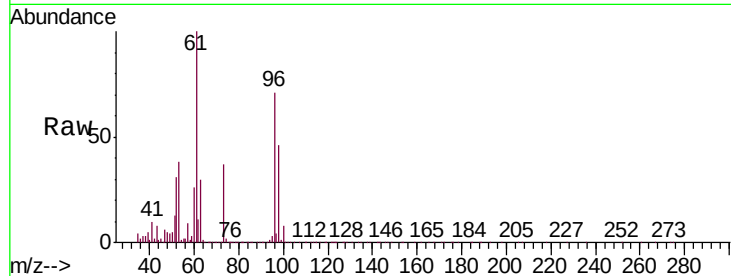
Tgt Ion: 96 Resp: 138353

Ion Ratio Lower Upper

96 100

61 141.6 109.9 164.9

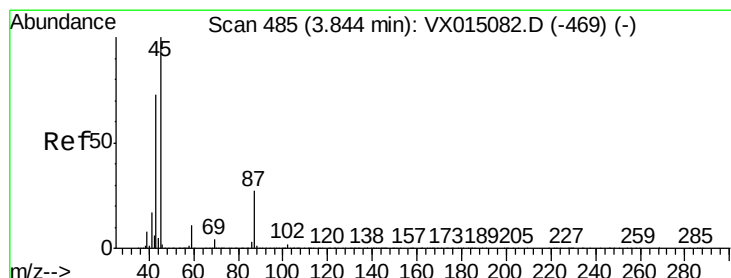
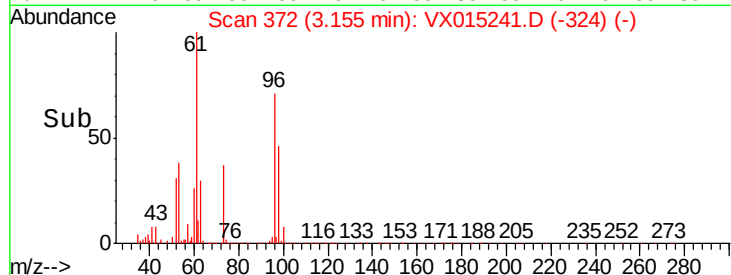
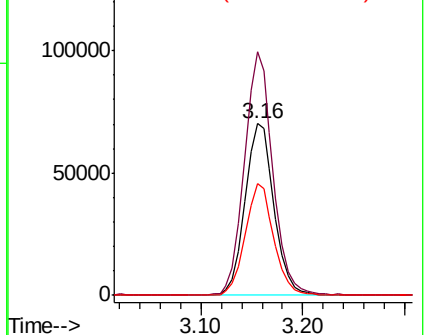
98 65.3 50.2 75.2



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: 54.789 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX015241.D

Acq: 12 Mar 2020 18:22

Tgt Ion: 45 Resp: 498953

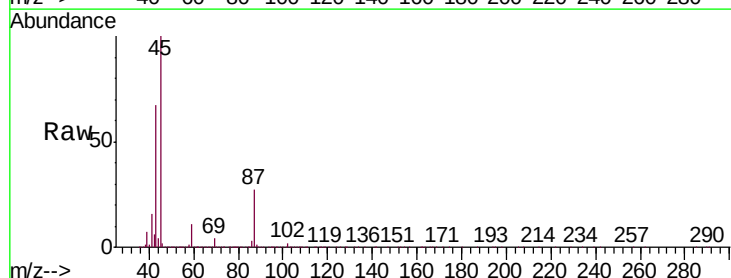
Ion Ratio Lower Upper

45 100

43 66.4 58.2 87.2

87 26.9 21.2 31.8

59 10.7 8.9 13.3

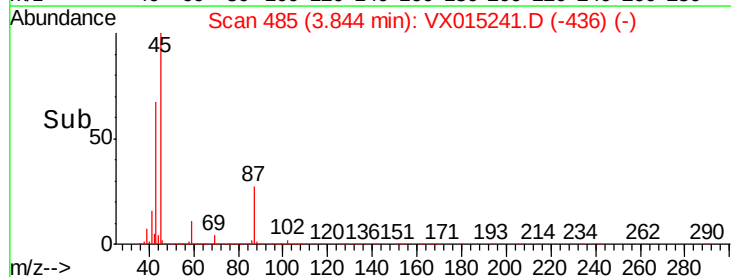
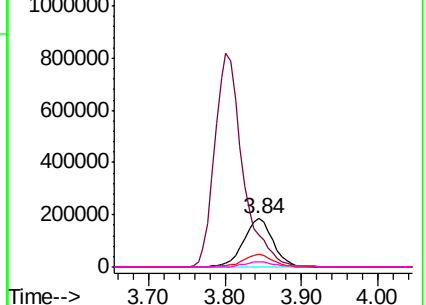


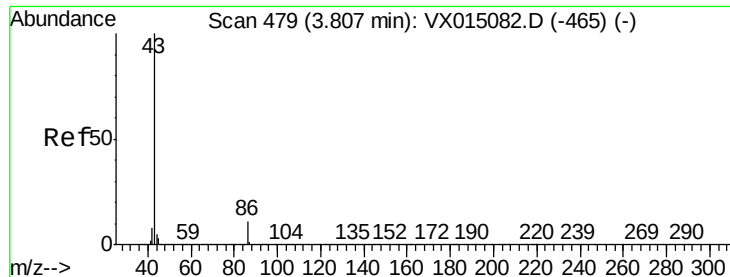
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

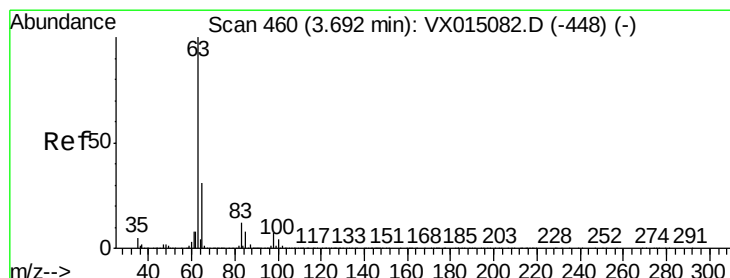
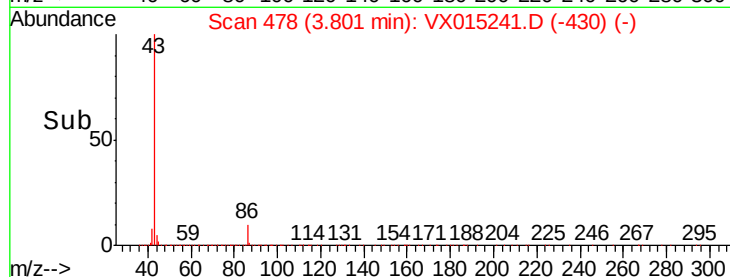
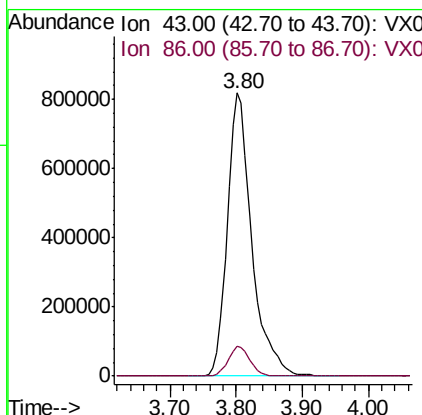
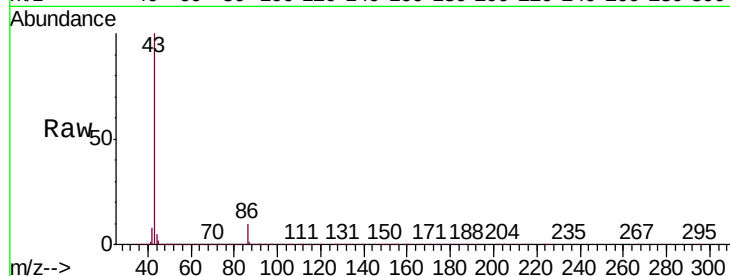




#23
 Vinyl Acetate
 Concen: 279.531 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: VX015241.D
 Acq: 12 Mar 2020 18:22

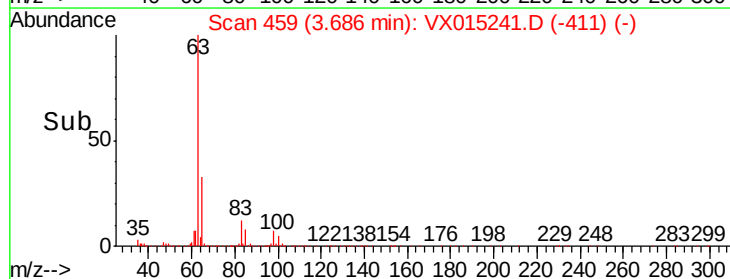
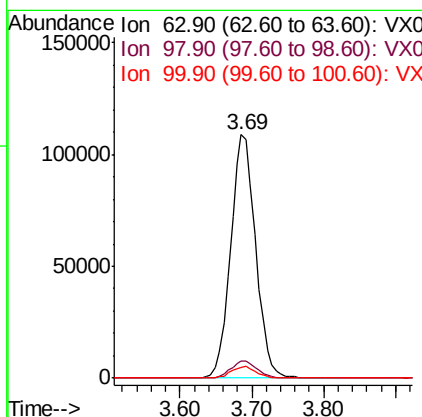
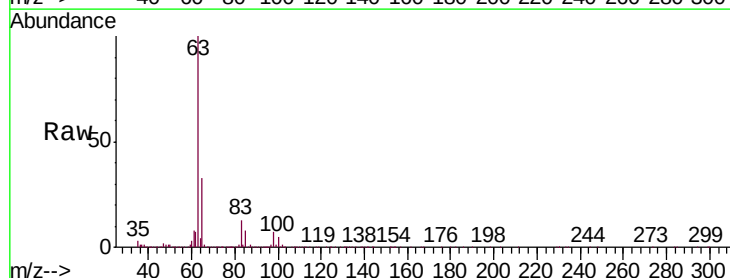
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

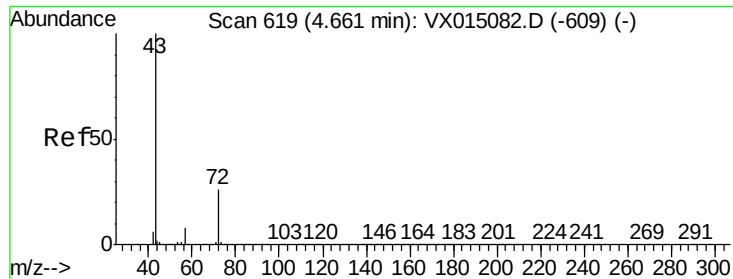
Tgt Ion: 43 Resp: 2092532
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 51.355 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: VX015241.D
 Acq: 12 Mar 2020 18:22

Tgt Ion: 63 Resp: 259564
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.7 11.1
 100 4.5 2.1 6.5





#25

2-Butanone

Concen: 283.384 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX015241.D

Acq: 12 Mar 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

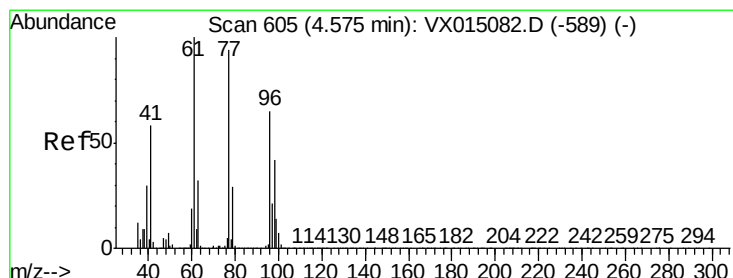
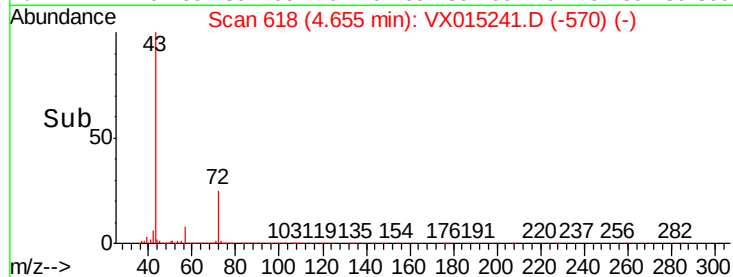
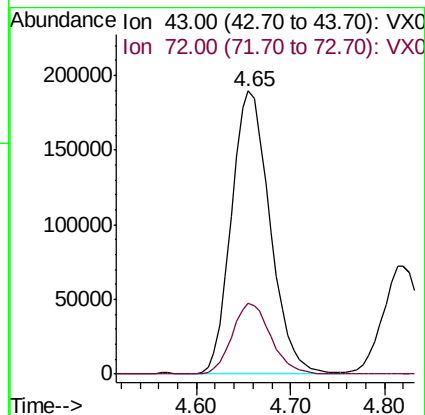
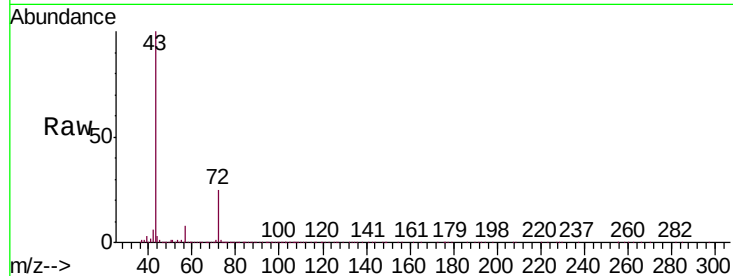
VSTDCCC050EC

Tgt Ion: 43 Resp: 537711

Ion Ratio Lower Upper

43 100

72 24.9 20.6 30.8



#26

2,2-Dichloropropane

Concen: 48.196 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX015241.D

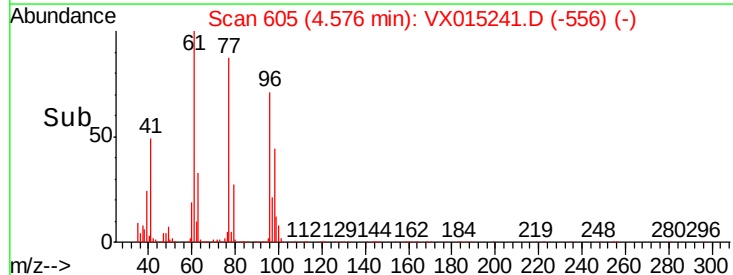
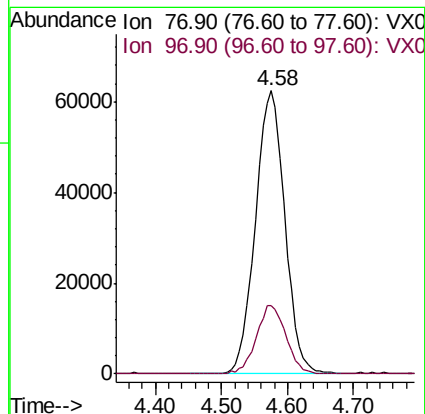
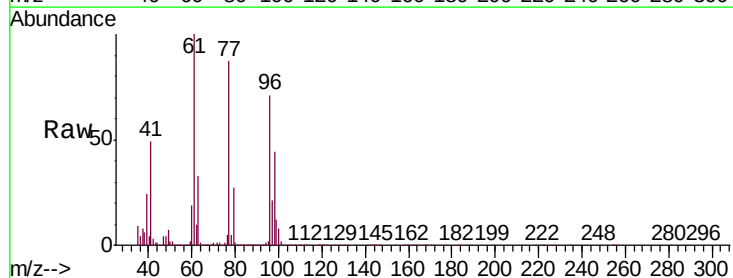
Acq: 12 Mar 2020 18:22

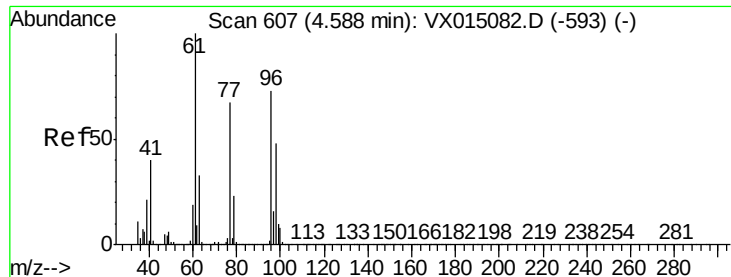
Tgt Ion: 77 Resp: 193381

Ion Ratio Lower Upper

77 100

97 24.1 11.8 35.4



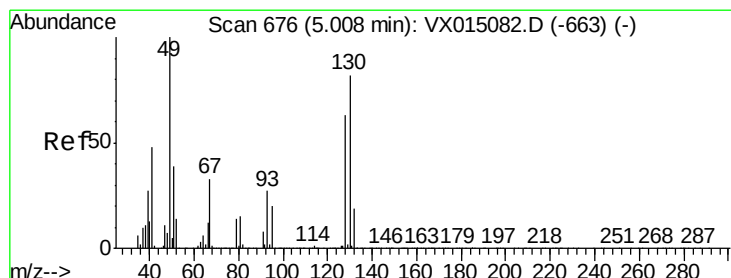
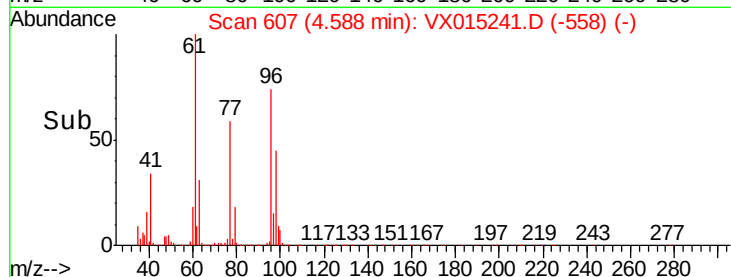
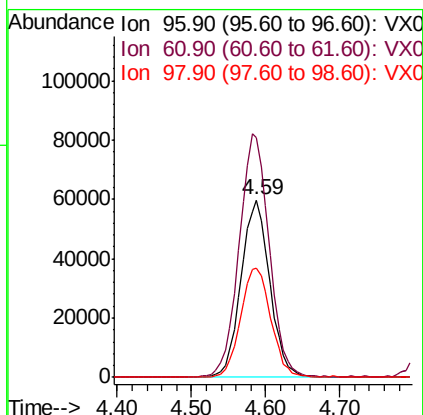
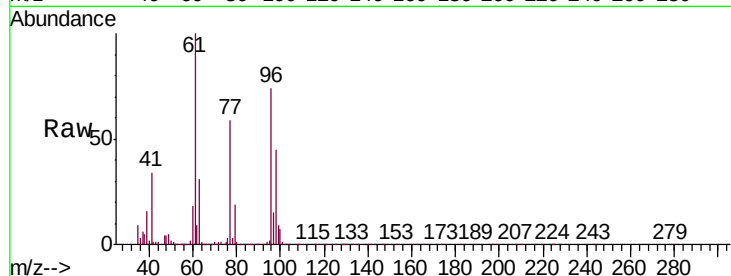


#27

cis-1,2-Dichloroethene
Concen: 51.938 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015241.D
Acq: 12 Mar 2020 18:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

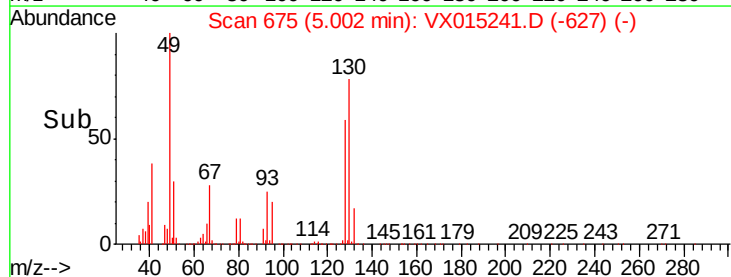
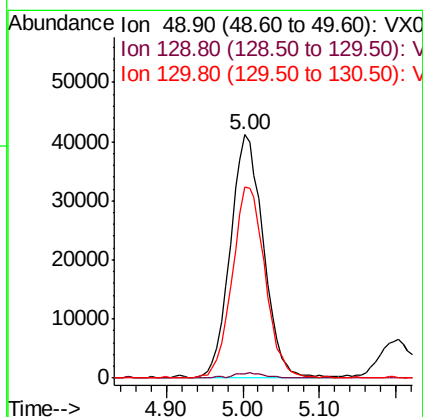
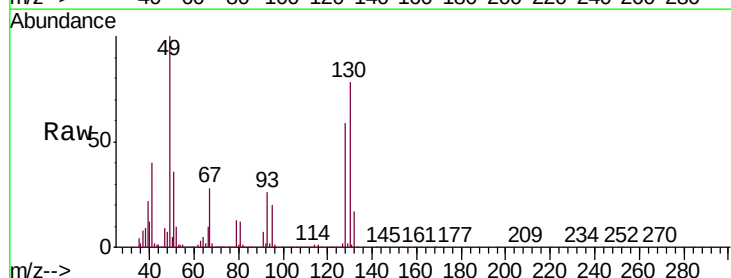
Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.3	0.0	286.8
98	64.5	0.0	128.4

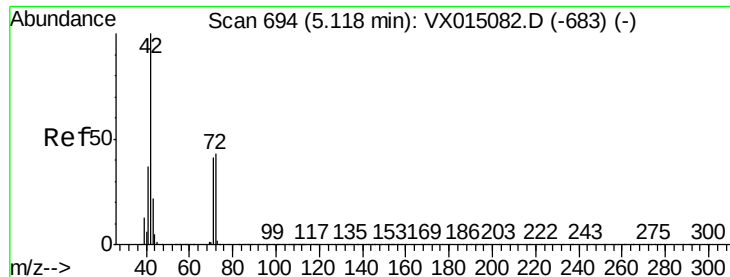


#28

Bromochloromethane
Concen: 53.054 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015241.D
Acq: 12 Mar 2020 18:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.4
130	78.8	65.0	97.6





#29

Tetrahydrofuran

Concen: 292.953 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX015241.D

Acq: 12 Mar 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

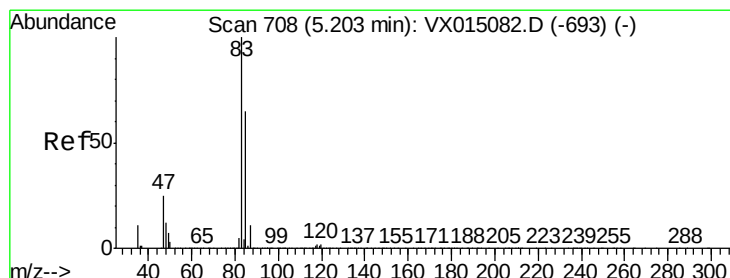
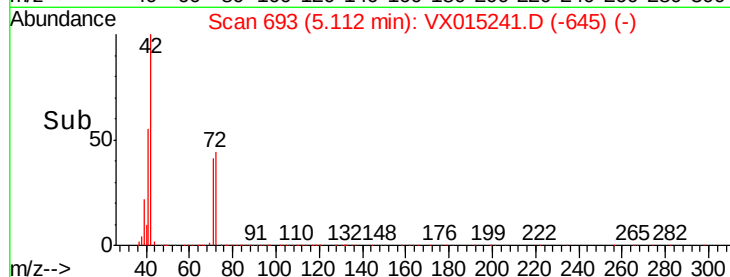
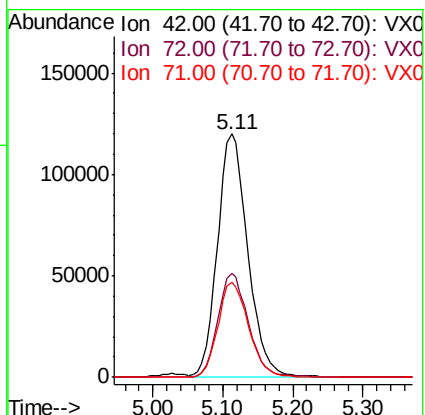
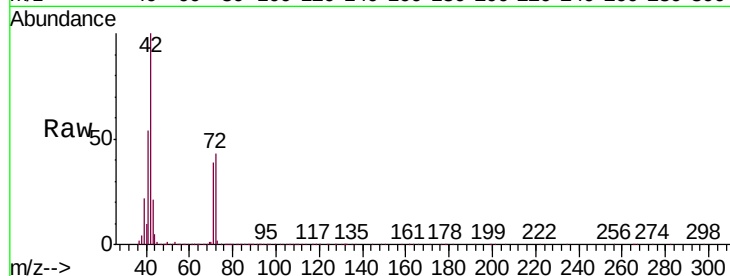
Tgt Ion: 42 Resp: 358319

Ion Ratio Lower Upper

42 100

72 43.2 36.4 54.6

71 39.3 33.3 49.9



#30

Chloroform

Concen: 50.752 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX015241.D

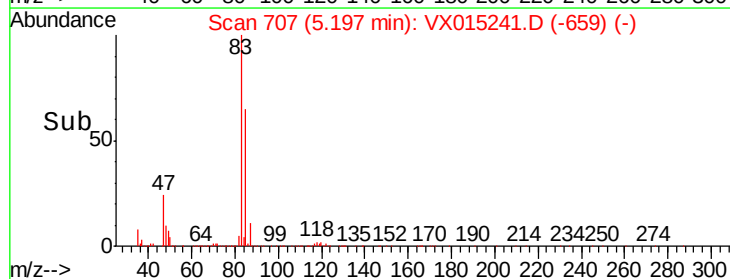
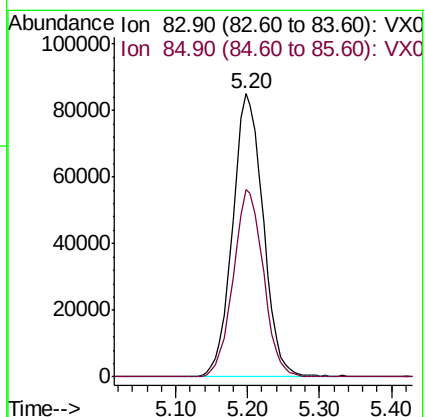
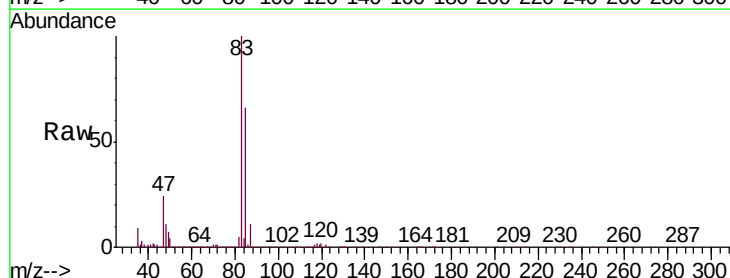
Acq: 12 Mar 2020 18:22

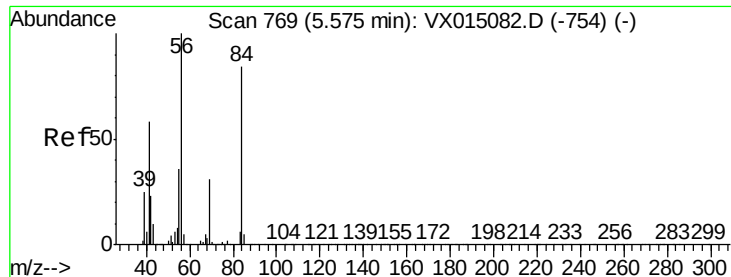
Tgt Ion: 83 Resp: 250020

Ion Ratio Lower Upper

83 100

85 66.1 52.0 78.0

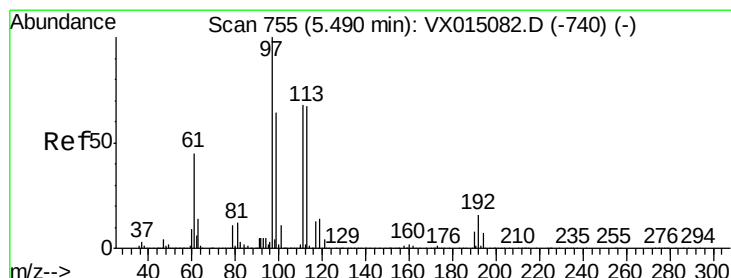
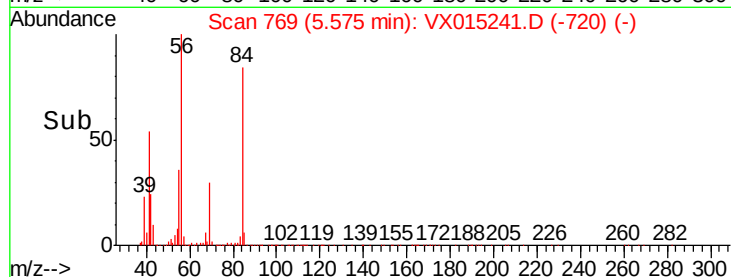
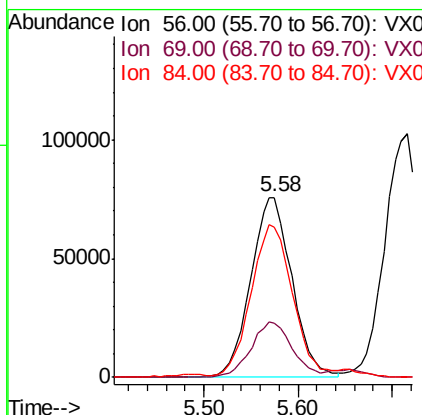
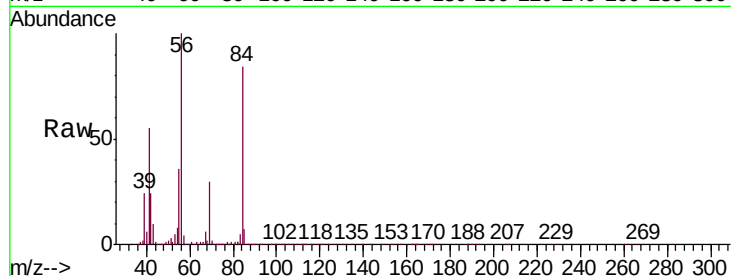




#31
Cyclohexane
Concen: 51.256 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX015241.D
Acq: 12 Mar 2020 18:22

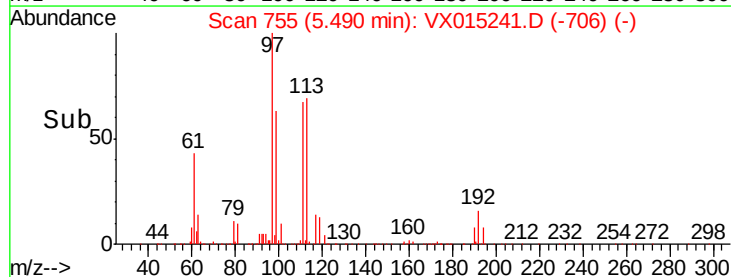
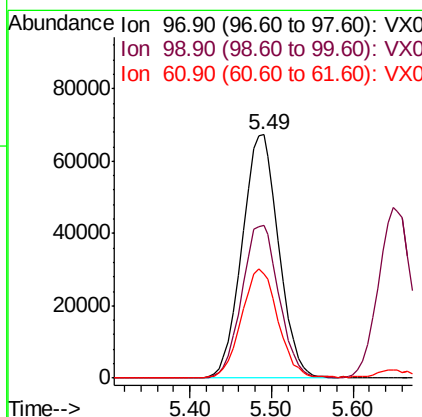
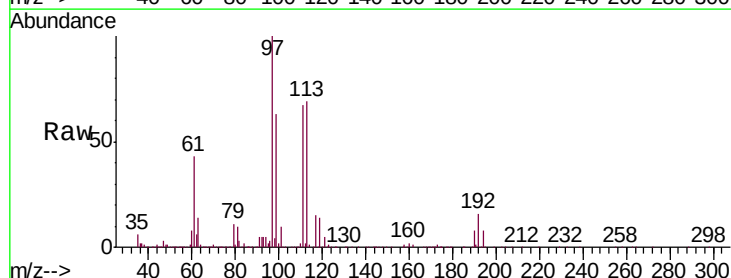
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

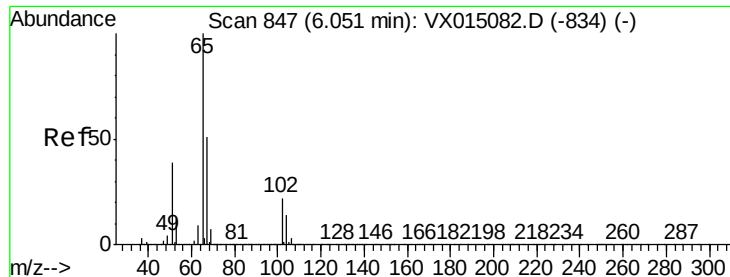
Tgt Ion: 56 Resp: 231075
Ion Ratio Lower Upper
56 100
69 30.0 25.0 37.6
84 82.2 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 51.265 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX015241.D
Acq: 12 Mar 2020 18:22

Tgt Ion: 97 Resp: 209347
Ion Ratio Lower Upper
97 100
99 63.8 52.8 79.2
61 44.8 36.6 54.8

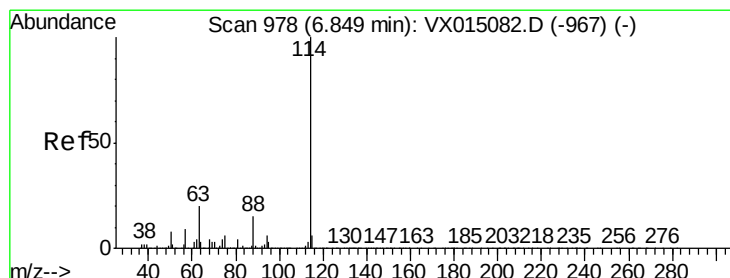
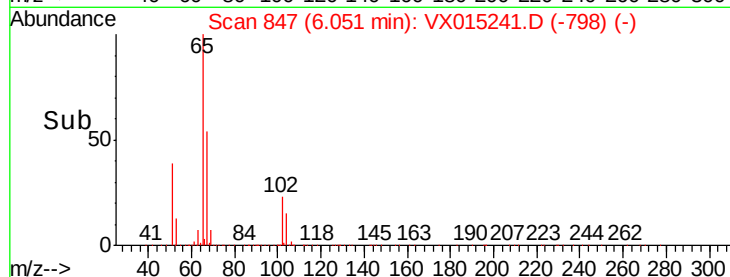
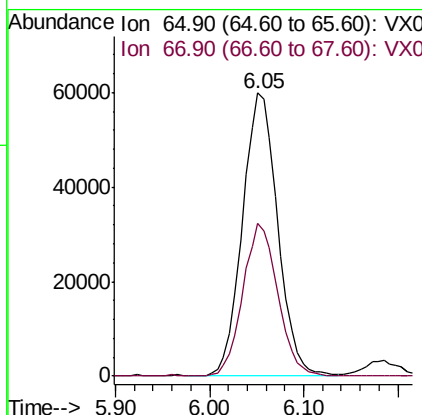
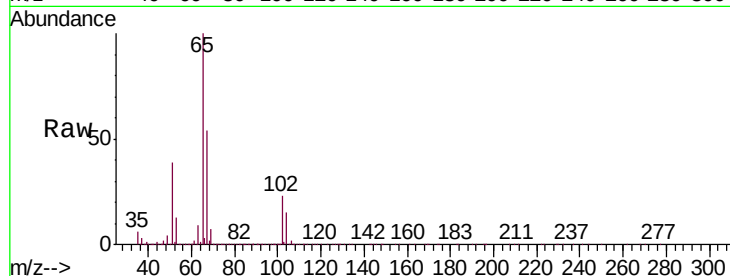




#33
 1,2-Dichloroethane-d4
 Concen: 48.339 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX015241.D
 Acq: 12 Mar 2020 18:22

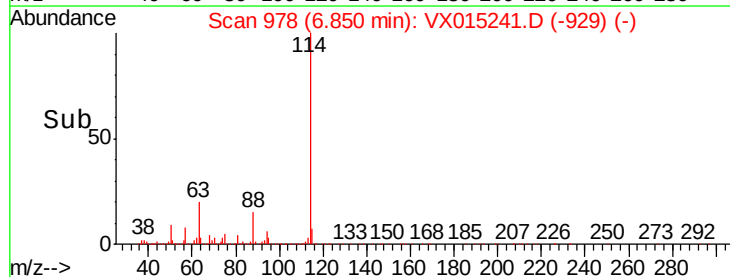
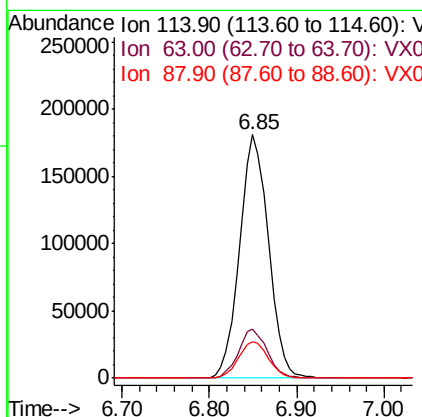
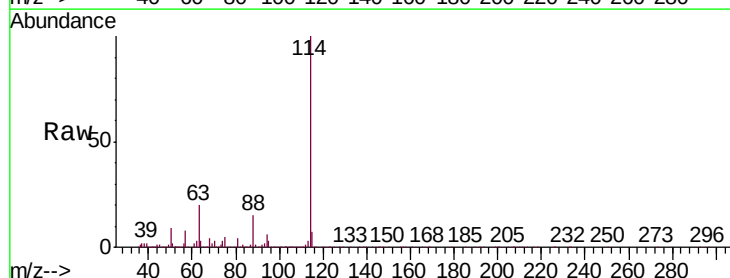
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

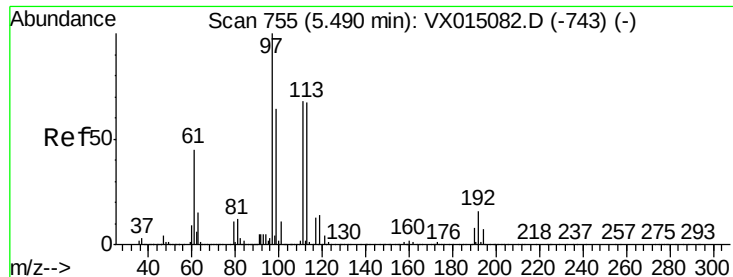
Tgt Ion: 65 Resp: 154702
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015241.D
 Acq: 12 Mar 2020 18:22

Tgt Ion: 114 Resp: 415131
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 15.1 0.0 30.6

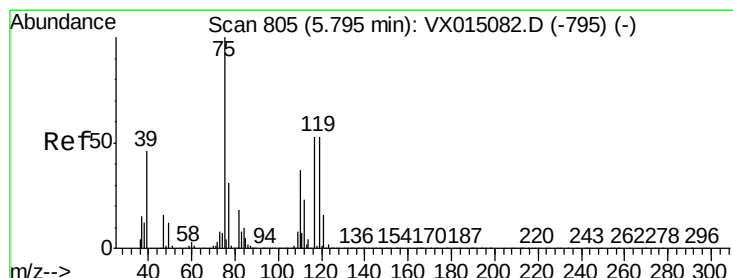
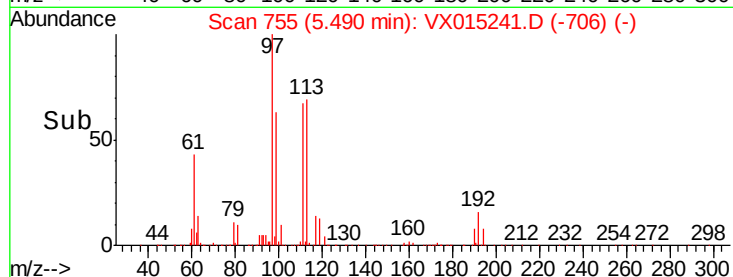
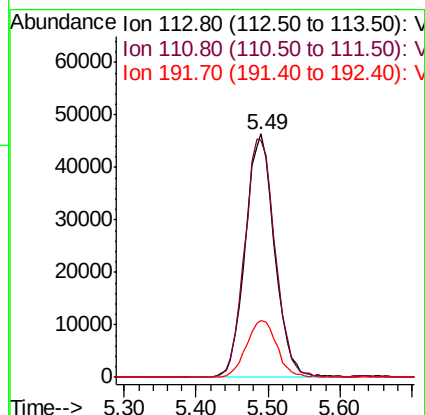
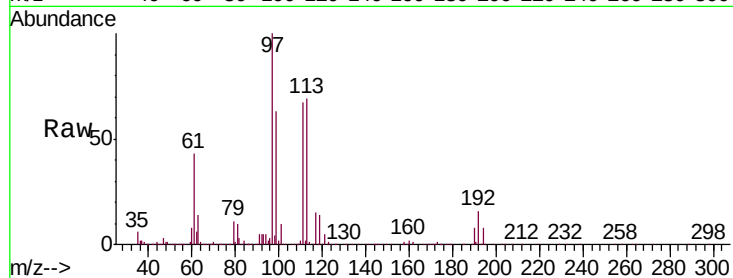




#35
 Dibromofluoromethane
 Concen: 49.980 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX015241.D
 Acq: 12 Mar 2020 18:22

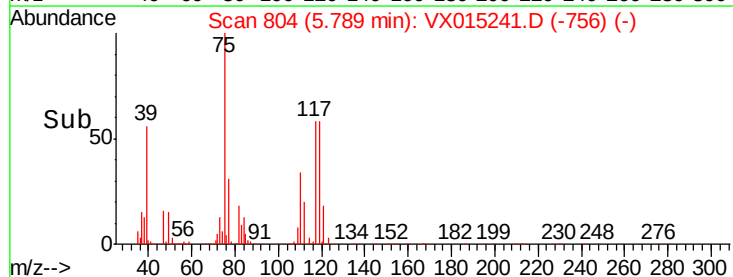
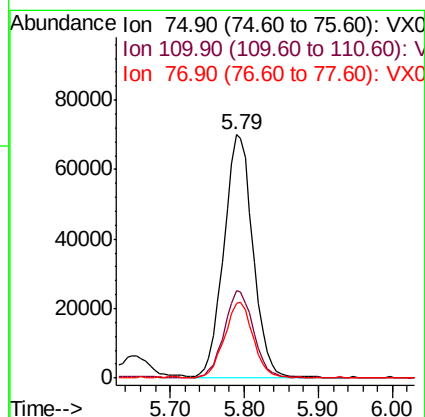
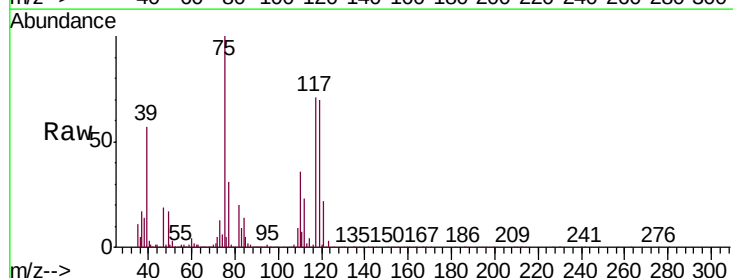
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

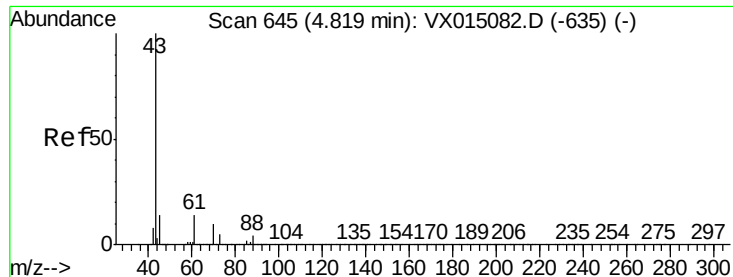
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.6	123.8
192	24.6	18.6	28.0



#36
 1,1-Dichloropropene
 Concen: 49.617 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX015241.D
 Acq: 12 Mar 2020 18:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	17.9	53.8
77	30.5	24.8	37.2

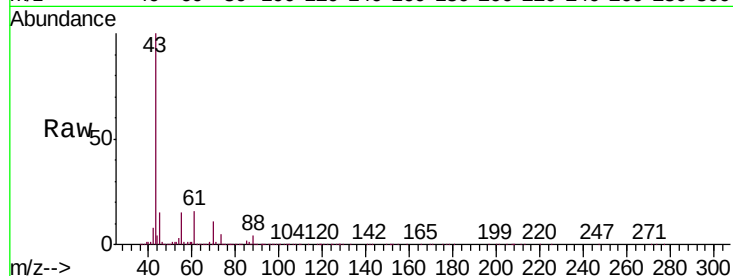




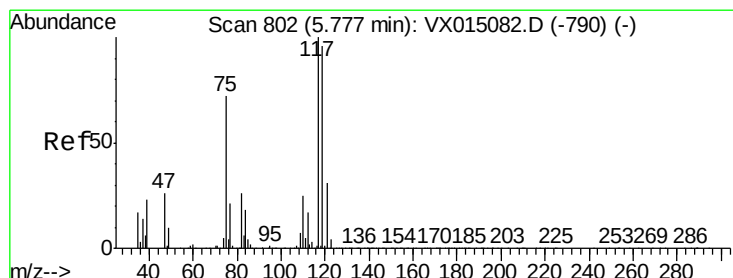
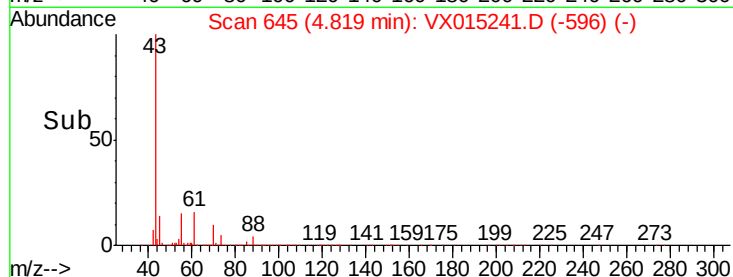
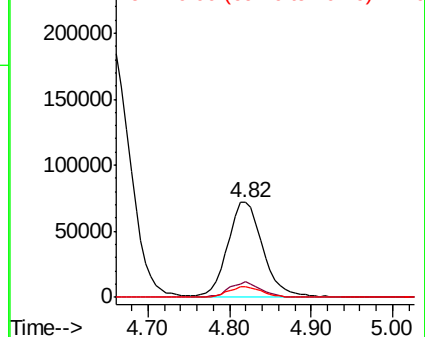
#37
Ethyl Acetate
Concen: 59.223 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015241.D
Acq: 12 Mar 2020 18:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	43	Resp:	210826
Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.0	16.4
70	10.6	8.1	12.1

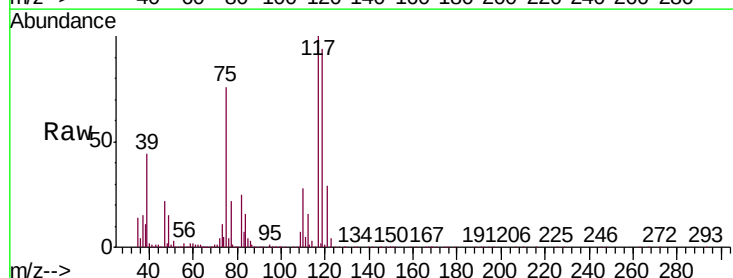


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

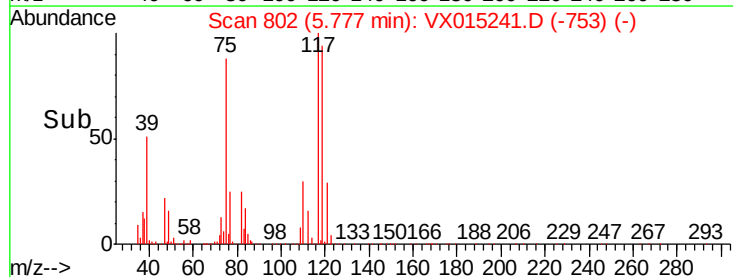
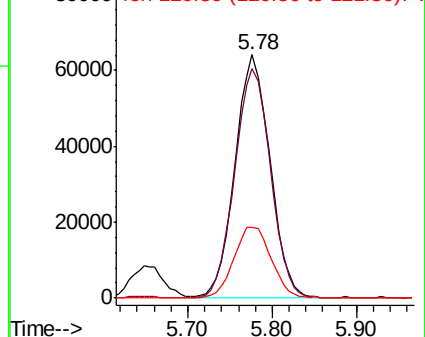


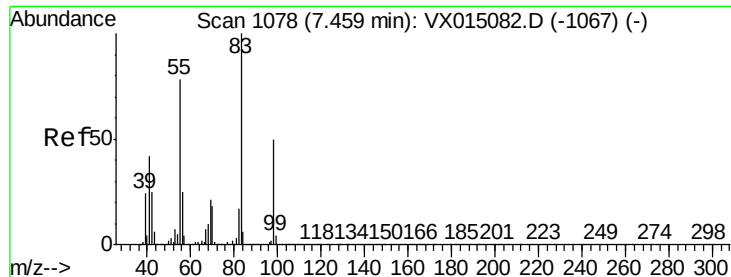
#38
Carbon Tetrachloride
Concen: 49.669 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015241.D
Acq: 12 Mar 2020 18:22

Tgt Ion:	117	Resp:	179924
Ion	Ratio	Lower	Upper
117	100		
119	94.3	76.9	115.3
121	29.4	24.6	37.0



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

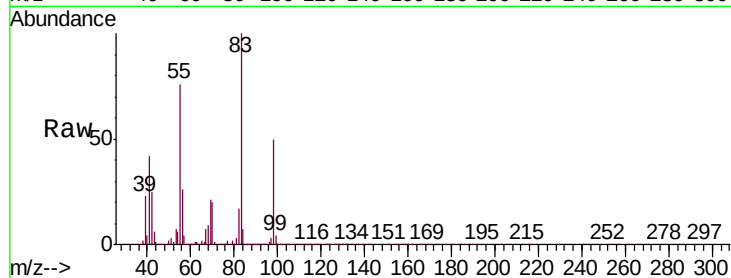




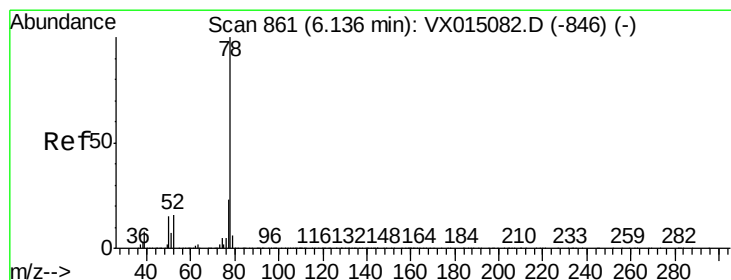
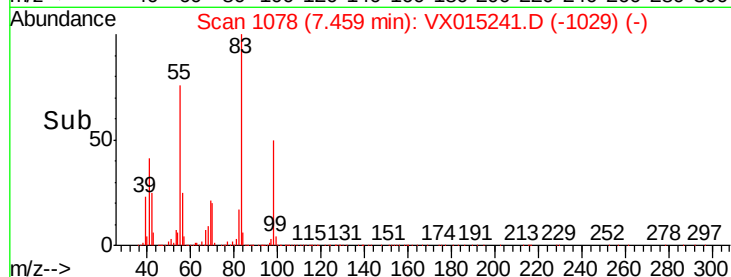
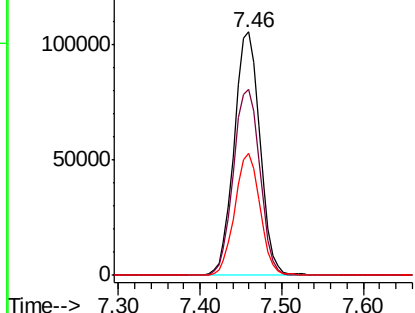
#39
Methylcyclohexane
Concen: 51.294 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015241.D
Acq: 12 Mar 2020 18:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.2	62.4	93.6
98	50.0	39.7	59.5

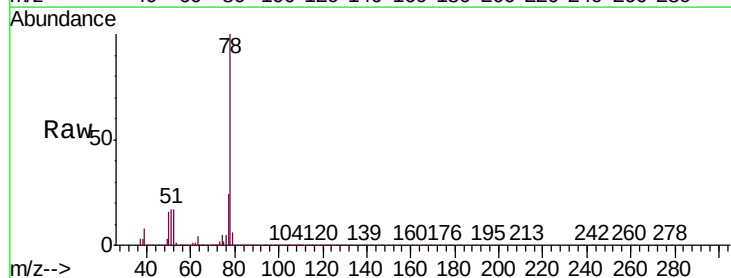


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

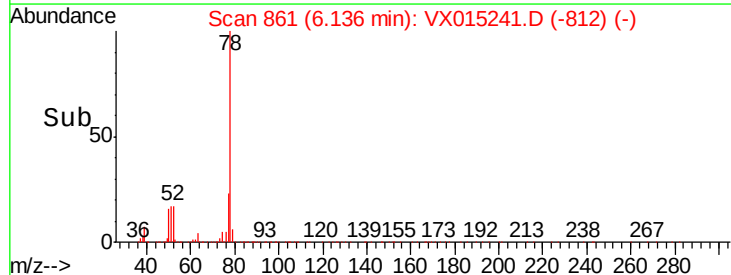
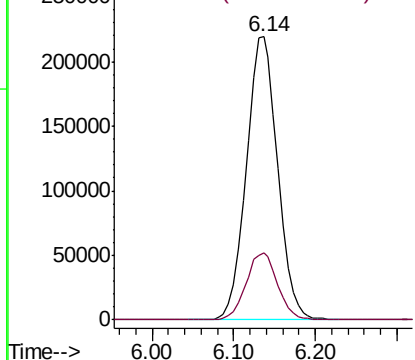


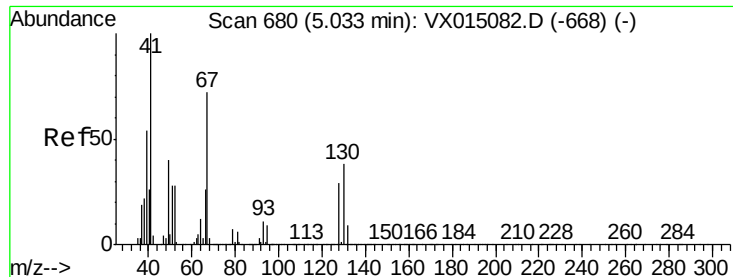
#40
Benzene
Concen: 51.266 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015241.D
Acq: 12 Mar 2020 18:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.6	28.0



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

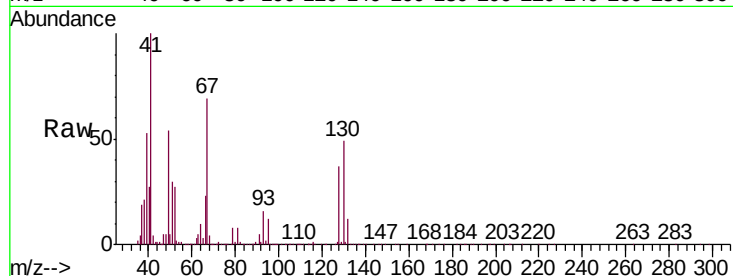




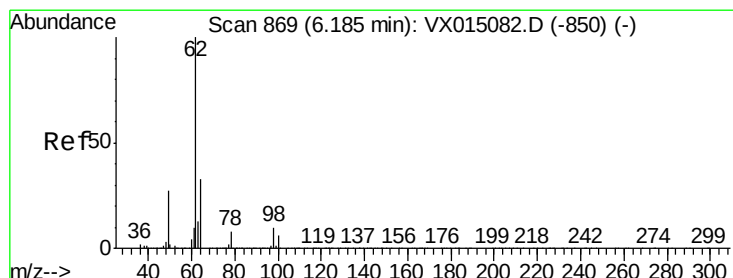
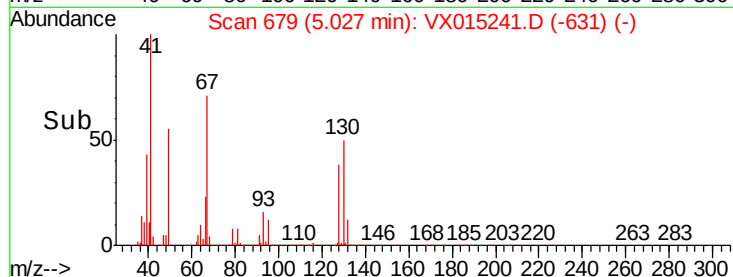
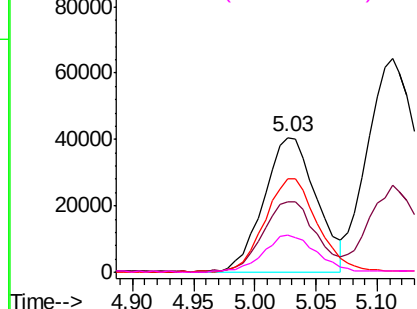
#41
Methacrylonitrile
Concen: 56.539 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015241.D
Acq: 12 Mar 2020 18:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	120895
Ion	Ratio	Lower	Upper
41	100		
39	52.8	43.9	65.9
67	69.9	57.8	86.8
52	29.2	22.6	34.0

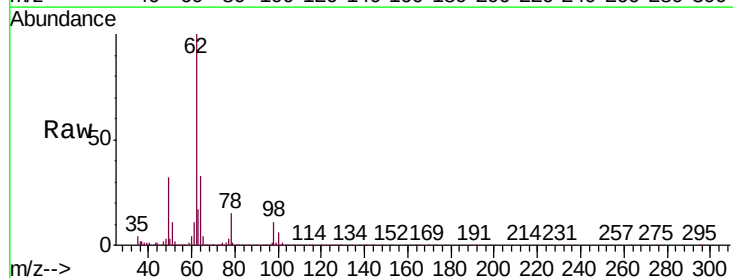


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

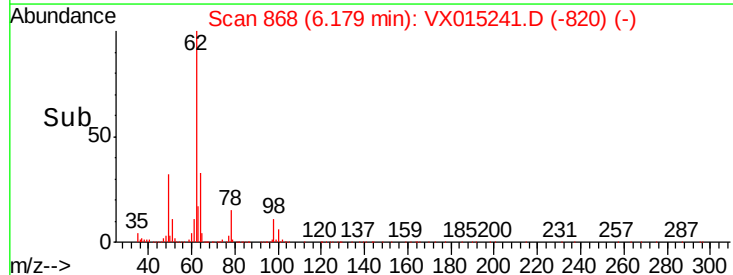
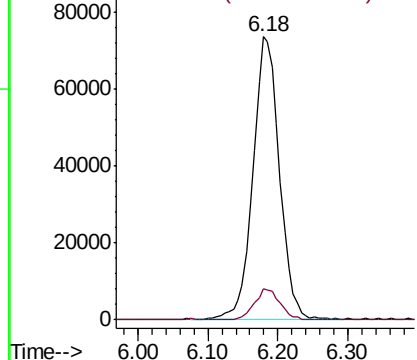


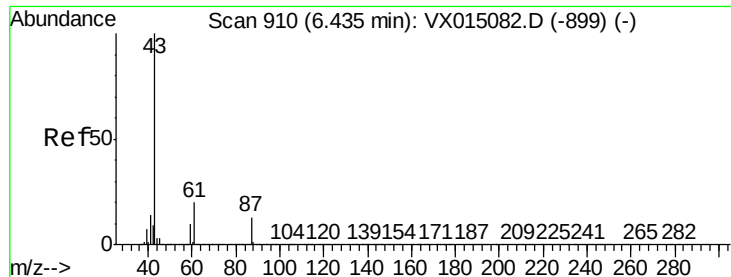
#42
1,2-Dichloroethane
Concen: 49.291 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015241.D
Acq: 12 Mar 2020 18:22

Tgt Ion:	62	Resp:	192731
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	20.6



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





#43

Isopropyl Acetate

Concen: 55.369 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX015241.D

Acq: 12 Mar 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

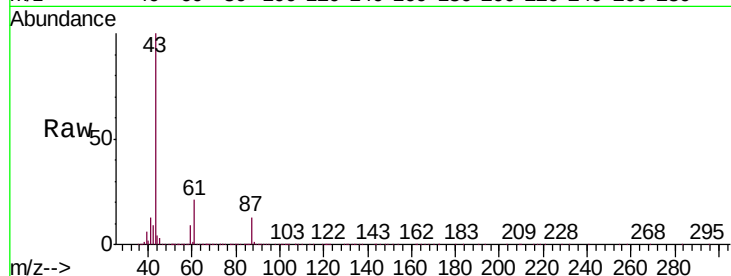
Tgt Ion: 43 Resp: 346749

Ion Ratio Lower Upper

43 100

61 21.0 16.1 24.1

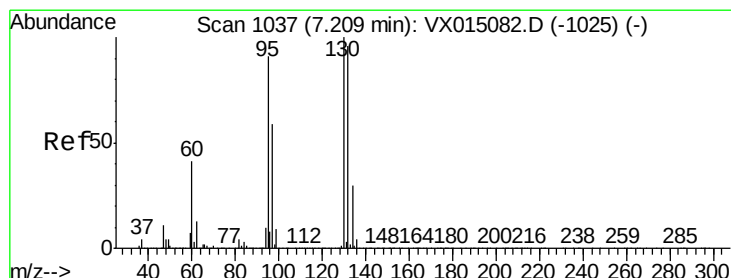
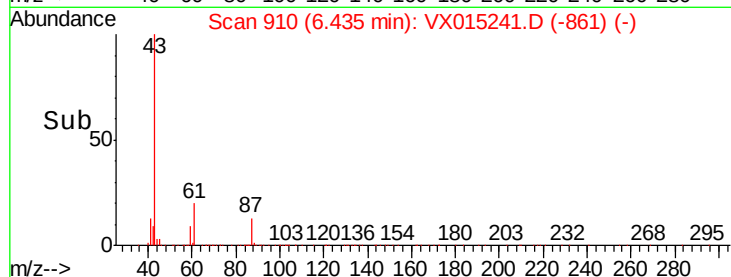
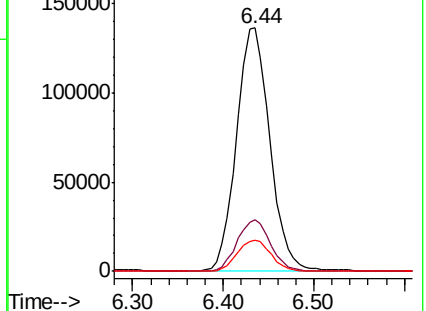
87 13.2 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.773 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX015241.D

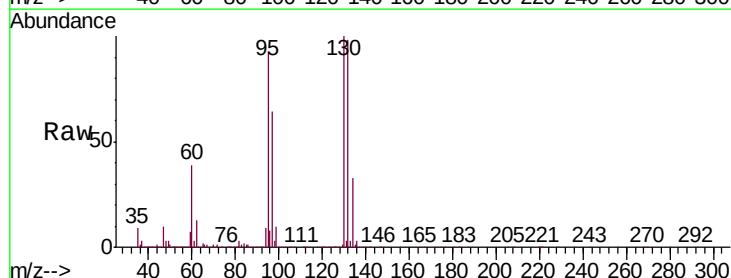
Acq: 12 Mar 2020 18:22

Tgt Ion: 130 Resp: 160996

Ion Ratio Lower Upper

130 100

95 93.2 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

