

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042820\
 Data File : VX015966.D
 Acq On : 28 Apr 2020 12:44
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 28 13:04:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 12:43:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	285084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	542844	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	509682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	237146	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	444109	103.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.80%	
35) Dibromofluoromethane	5.47	113	335993	102.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.80%	
50) Toluene-d8	8.70	98	1334768	102.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.78%	
62) 4-Bromofluorobenzene	11.12	95	535545	104.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	315992	102.682	ug/l	99
3) Chloromethane	1.31	50	375180	97.887	ug/l	100
4) Vinyl Chloride	1.39	62	455688	97.743	ug/l	99
5) Bromomethane	1.62	94	149200	78.130	ug/l	98
6) Chloroethane	1.70	64	269140	93.737	ug/l	99
7) Trichlorofluoromethane	1.91	101	546039	94.759	ug/l	96
8) Diethyl Ether	2.17	74	246870	93.824	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	321266	99.677	ug/l	98
10) Methyl Iodide	2.49	142	453835	104.588	ug/l	100
11) Tert butyl alcohol	3.03	59	566870	528.190	ug/l	100
12) 1,1-Dichloroethene	2.35	96	335882	98.922	ug/l	95
13) Acrolein	2.28	56	159761	736.018	ug/l	98
14) Allyl chloride	2.70	41	626326	103.906	ug/l	99
15) Acrylonitrile	3.12	53	1164437	530.291	ug/l	100
16) Acetone	2.42	43	965820	509.184	ug/l	99
17) Carbon Disulfide	2.54	76	1017538	91.117	ug/l	100
18) Methyl Acetate	2.75	43	563493	101.921	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1238414	100.690	ug/l	98
20) Methylene Chloride	2.83	84	389271	100.466	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	369118	99.031	ug/l	100
22) Diisopropyl ether	3.83	45	1210379	101.250	ug/l	89
23) Vinyl Acetate	3.79	43	5313291	520.213	ug/l	100
24) 1,1-Dichloroethane	3.67	63	695951	102.587	ug/l	99
25) 2-Butanone	4.64	43	1615755	527.201	ug/l	100
26) 2,2-Dichloropropane	4.55	77	605981	98.403	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	426979	101.102	ug/l	100
28) Bromochloromethane	4.99	49	303947	101.349	ug/l	99
29) Tetrahydrofuran	5.09	42	1050464	520.758	ug/l	100
30) Chloroform	5.18	83	685248	101.933	ug/l	97
31) Cyclohexane	5.55	56	620953	101.494	ug/l	96
32) 1,1,1-Trichloroethane	5.47	97	603036	100.320	ug/l	99
36) 1,1-Dichloropropene	5.77	75	530773	95.846	ug/l	100
37) Ethyl Acetate	4.80	43	617780	100.845	ug/l	100
38) Carbon Tetrachloride	5.76	117	512976	96.607	ug/l	98

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 VSTDICC150

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	647883	97.456	ug/l	99
40) Benzene	6.12	78	1564027	96.898	ug/l	99
41) Methacrylonitrile	5.01	41	339010	105.166	ug/l	97
42) 1,2-Dichloroethane	6.17	62	573094	97.185	ug/l	100
43) Isopropyl Acetate	6.42	43	1015283	99.824	ug/l	100
44) Trichloroethene	7.20	130	479066	90.337	ug/l	99
45) 1,2-Dichloropropane	7.49	63	414446	100.499	ug/l	100
46) Dibromomethane	7.64	93	276745	99.219	ug/l	99
47) Bromodichloromethane	7.88	83	569148	100.393	ug/l	100
48) Methyl methacrylate	7.75	41	490331	102.999	ug/l	99
49) 1,4-Dioxane	7.72	88	220432	2066.700	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	3156243	514.587	ug/l	99
52) Toluene	8.77	92	987737	97.952	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	681865	100.156	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	709392	99.832	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	399258	98.574	ug/l	99
56) Ethyl methacrylate	9.16	69	698658	105.315	ug/l	99
57) 1,3-Dichloropropane	9.35	76	685960	97.797	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1741711	513.187	ug/l	99
59) 2-Hexanone	9.48	43	2473170	517.441	ug/l	99
60) Dibromochloromethane	9.57	129	428471	104.632	ug/l	100
61) 1,2-Dibromoethane	9.66	107	427997	101.230	ug/l	100
64) Tetrachloroethene	9.32	164	520390	93.621	ug/l	95
65) Chlorobenzene	10.12	112	1045701	97.071	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	376043	97.403	ug/l	99
67) Ethyl Benzene	10.24	91	1926559	97.263	ug/l	99
68) m/p-Xylenes	10.34	106	1421914	192.353	ug/l	99
69) o-Xylene	10.68	106	697011	97.708	ug/l	100
70) Styrene	10.70	104	1238343	102.647	ug/l	99
71) Bromoform	10.84	173	294446	107.766	ug/l #	97
73) Isopropylbenzene	11.01	105	1843179	98.539	ug/l	99
74) N-amyl acetate	10.88	43	914351	103.795	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	443146	122.583	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	831306	139.821	ug/l	81
77) Bromobenzene	11.24	156	429338	102.239	ug/l	99
78) n-propylbenzene	11.35	91	2200111	99.163	ug/l	99
79) 2-Chlorotoluene	11.41	91	1316206	100.983	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1608697	100.922	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	268211	104.438	ug/l	99
82) 4-Chlorotoluene	11.49	91	1558247	100.410	ug/l	100
83) tert-Butylbenzene	11.76	119	1335143	99.864	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1629746	101.287	ug/l	99
85) sec-Butylbenzene	11.93	105	1870766	101.163	ug/l	100
86) p-Isopropyltoluene	12.05	119	1666172	98.058	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	782366	98.278	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	771418	96.084	ug/l	100
89) n-Butylbenzene	12.37	91	1619446	103.119	ug/l	99
90) Hexachloroethane	12.58	117	307448	105.584	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	754432	98.688	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	161829	105.420	ug/l	97

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Misc : 5.0mL/MSVOA X/WATER
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Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

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Quant Title : SW846 8260
QLast Update : Tue Apr 28 12:43:56 2020
Response via : Initial Calibration

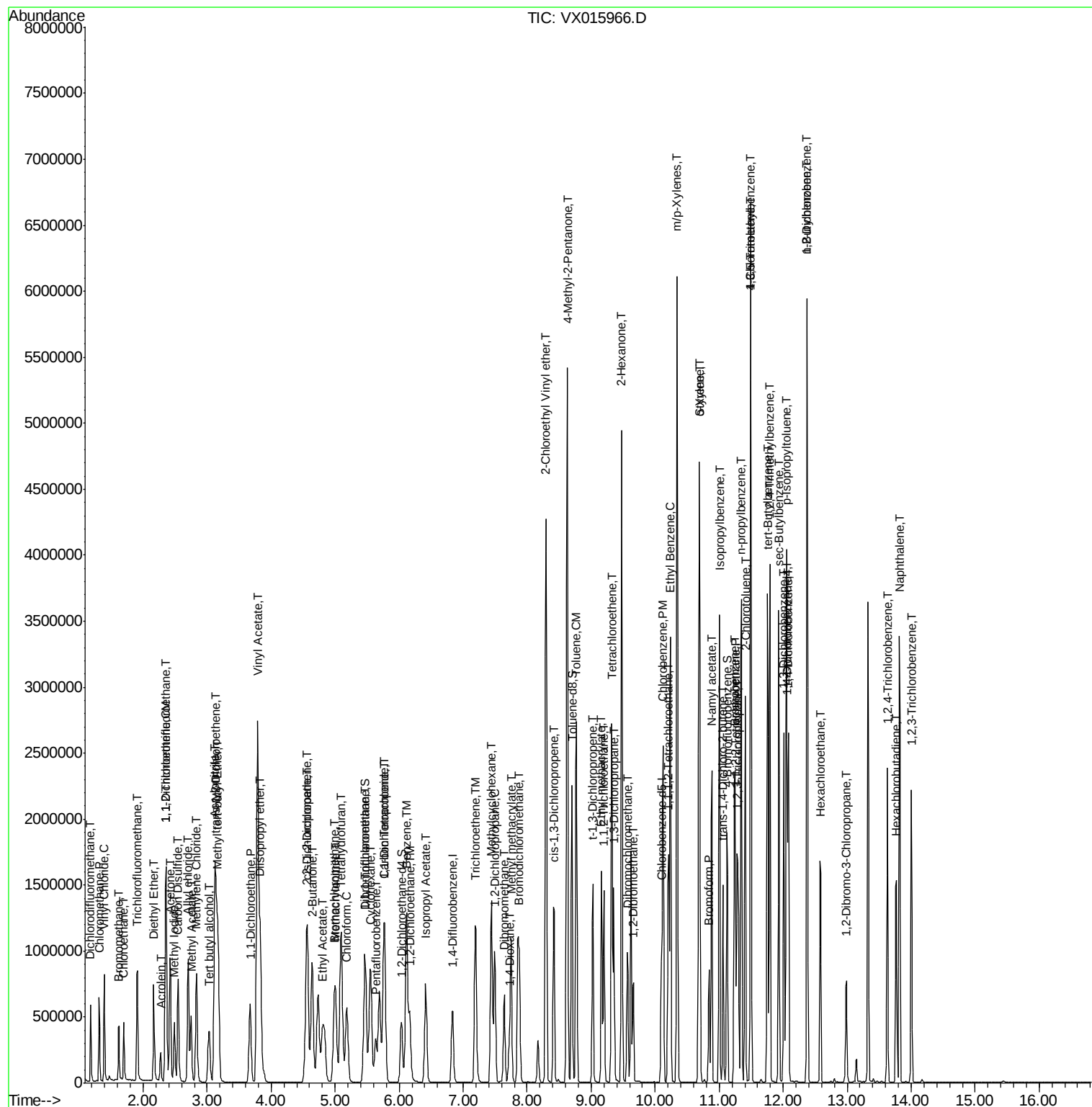
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	506246	101.618	ug/l	98
94) Hexachlorobutadiene	13.77	225	189906	100.935	ug/l	95
95) Naphthalene	13.82	128	1980126	104.698	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	498626	101.872	ug/l	100

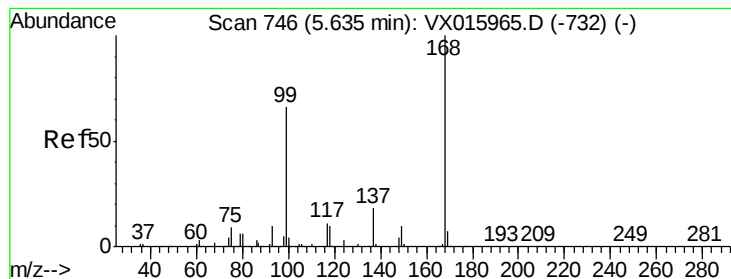
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX015966.D
Acq On : 28 Apr 2020 12:44
Operator : JC/SP
Sample : VSTDIC100
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleID :
VSTDIC150

Quant Time: Apr 28 13:04:52 2020
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Quant Title : SW846 8260
QLast Update : Tue Apr 28 12:43:56 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

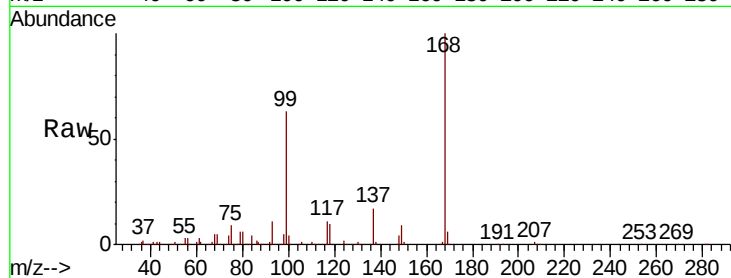
VSTDIC150

Tot Ion:168 Resp: 285084

Ion Ratio Lower Upper

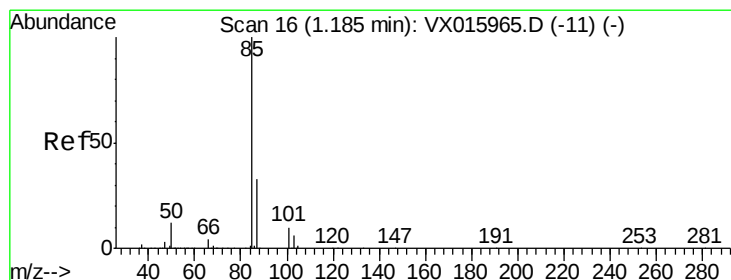
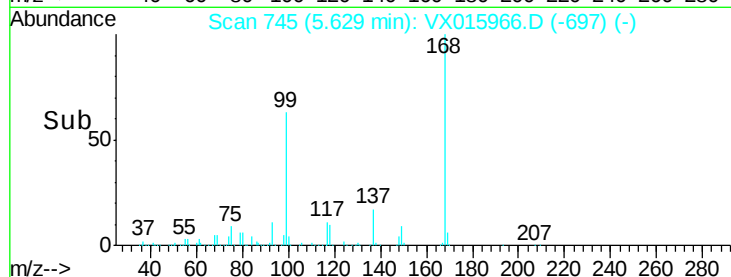
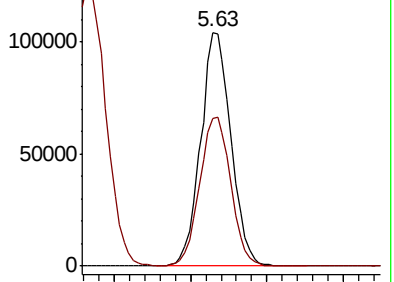
168 100

99 63.0 52.8 79.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 102.682 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.01 min

Lab File: VX015966.D

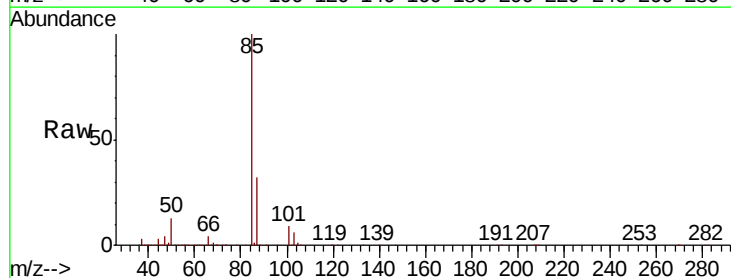
Acq: 28 Apr 2020 12:44

Tgt Ion: 85 Resp: 315992

Ion Ratio Lower Upper

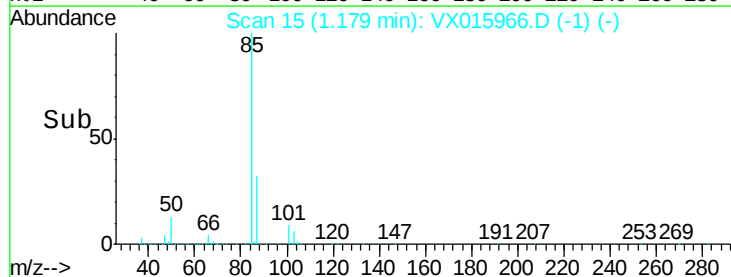
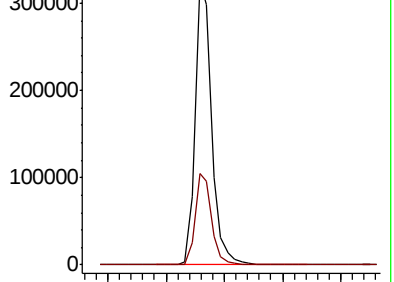
85 100

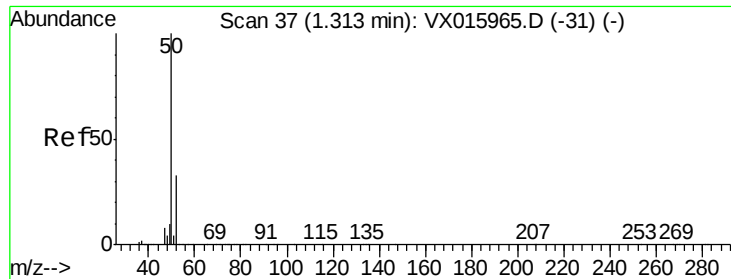
87 32.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 97.887 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

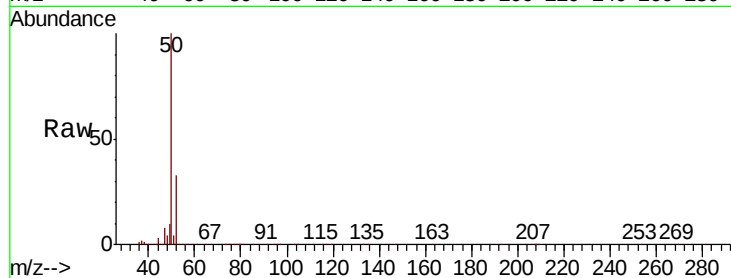
VSTDIC150

Tot Ion: 50 Resp: 375180

Ion Ratio Lower Upper

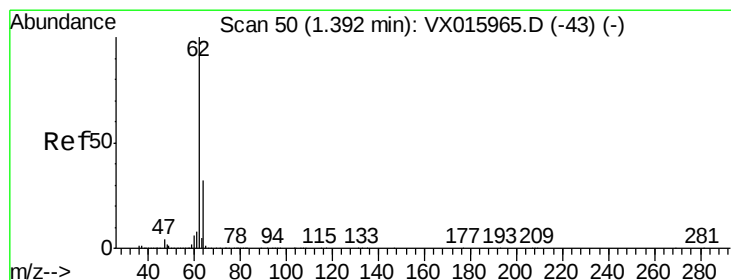
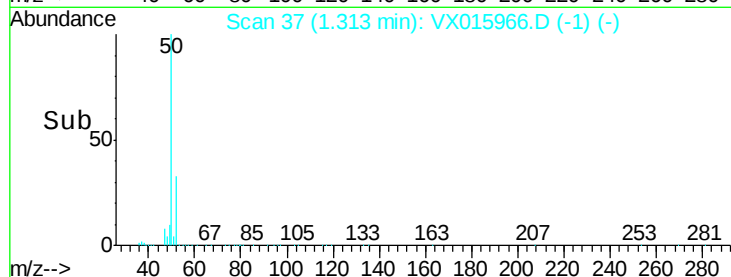
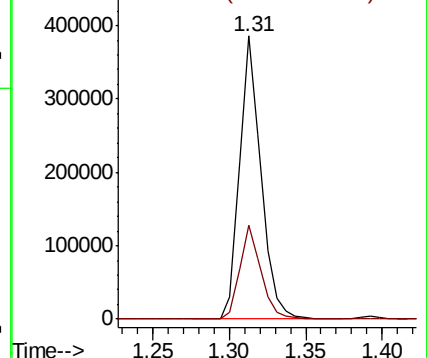
50 100

52 33.1 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 97.743 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015966.D

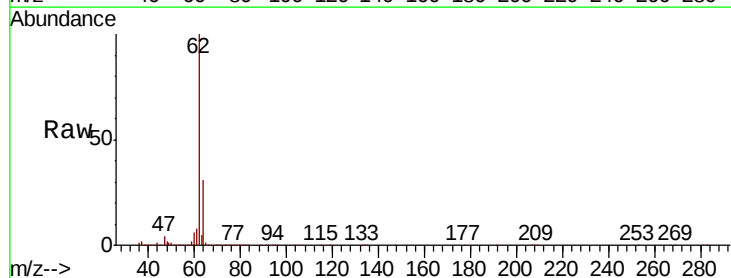
Acq: 28 Apr 2020 12:44

Tgt Ion: 62 Resp: 455688

Ion Ratio Lower Upper

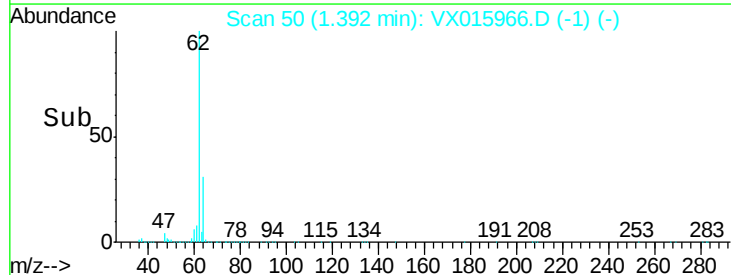
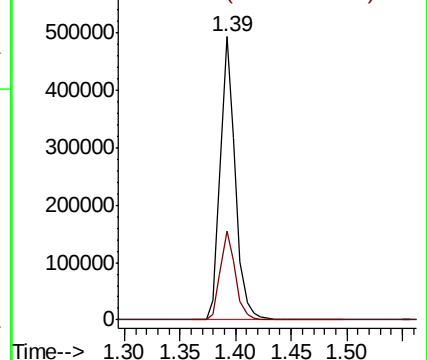
62 100

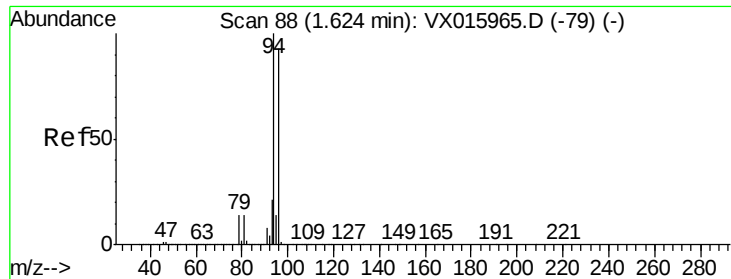
64 31.4 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 78.130 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

Instrument :

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ClientSampleId :

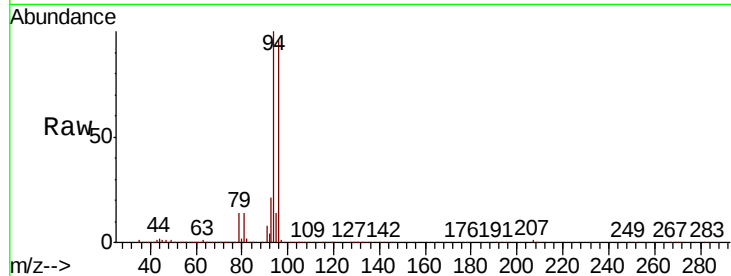
VSTDIC150

Tot Ion: 94 Resp: 149200

Ion Ratio Lower Upper

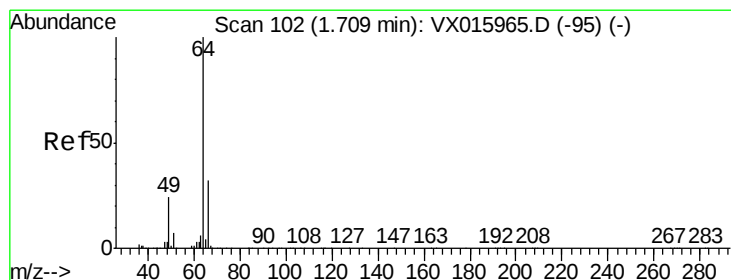
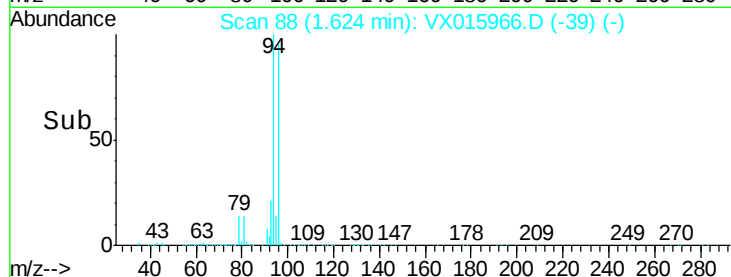
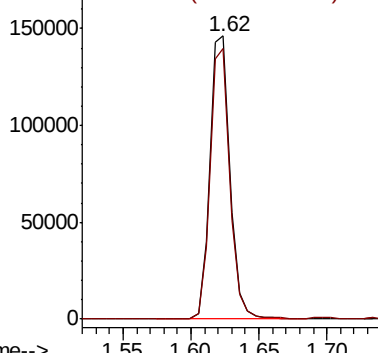
94 100

96 95.5 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 93.737 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX015966.D

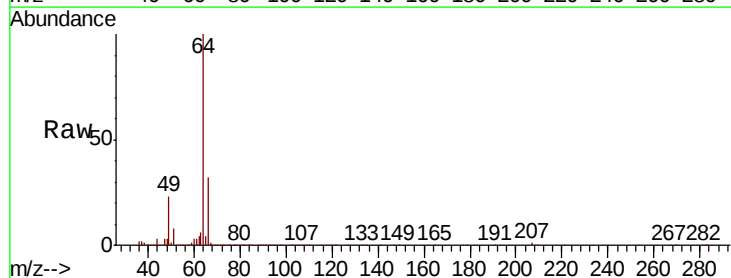
Acq: 28 Apr 2020 12:44

Tgt Ion: 64 Resp: 269140

Ion Ratio Lower Upper

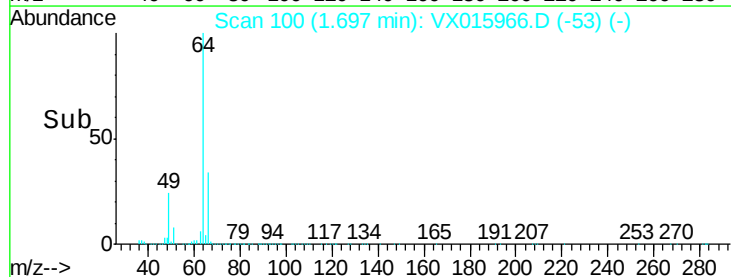
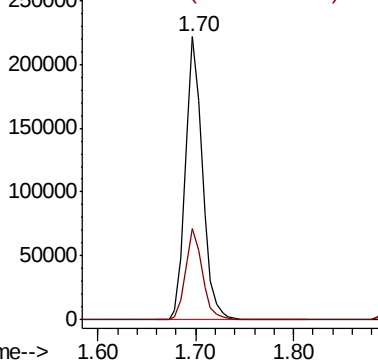
64 100

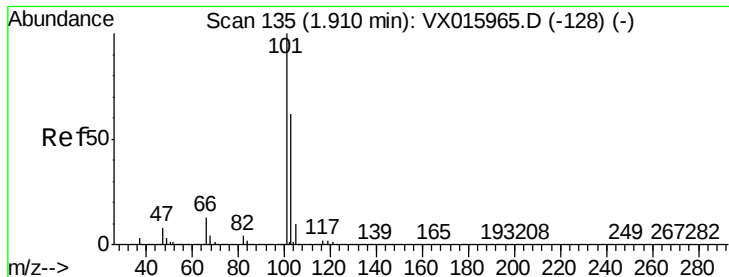
66 32.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



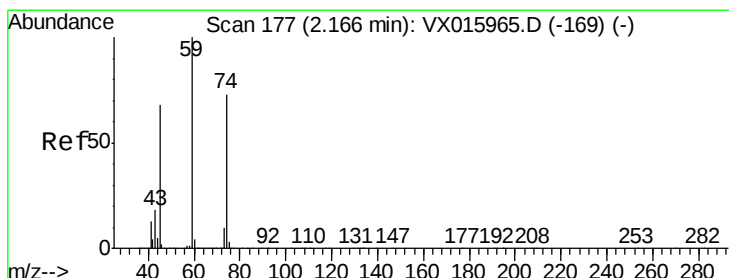
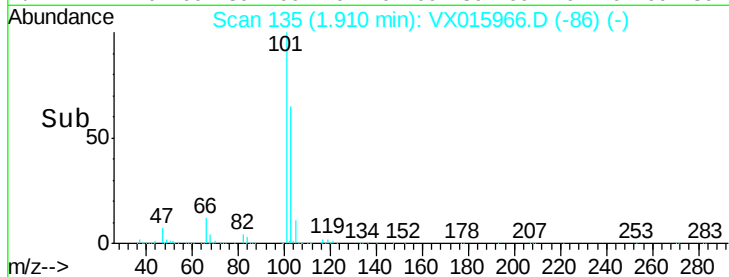
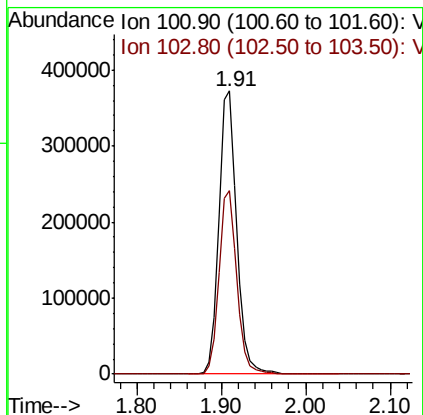
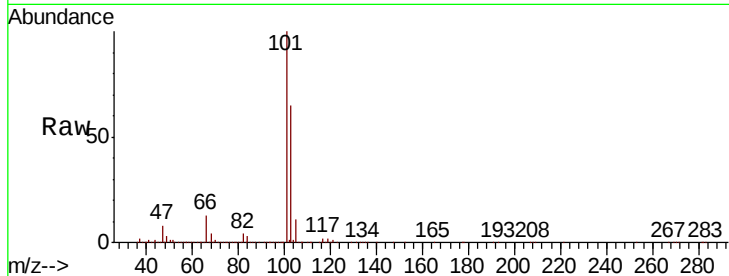


#7

Trichlorofluoromethane
Concen: 94.759 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

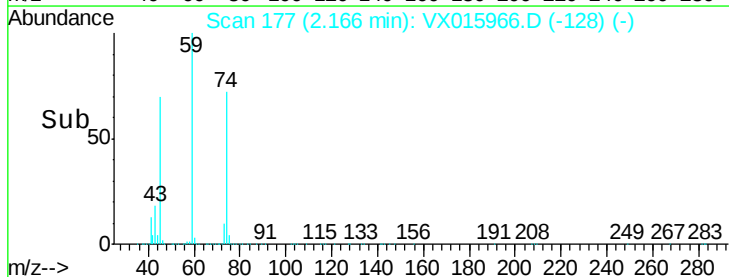
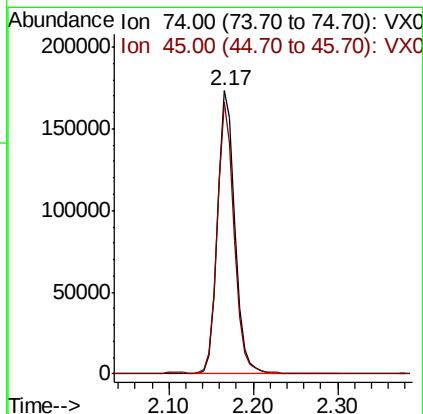
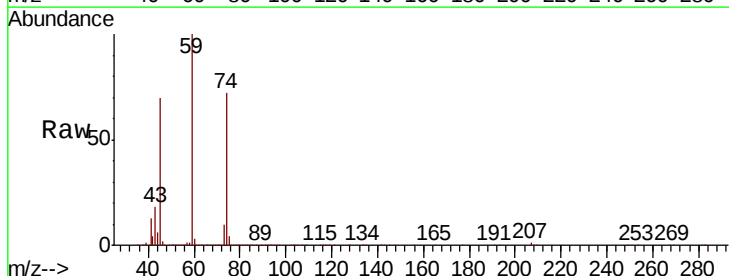
Tot Ion:101 Resp: 546039
Ion Ratio Lower Upper
101 100
103 64.9 49.4 74.2

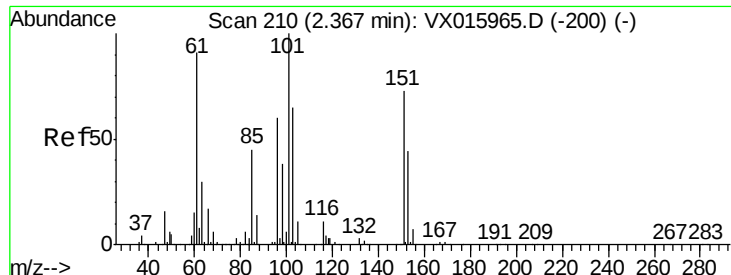


#8

Diethyl Ether
Concen: 93.824 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 12:44

Tgt Ion: 74 Resp: 246870
Ion Ratio Lower Upper
74 100
45 93.9 46.7 140.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 99.677 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

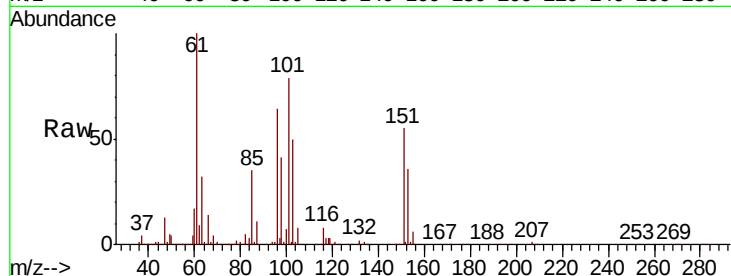
Tot Ion:101 Resp: 321266

Ion Ratio Lower Upper

101 100

85 44.4 36.2 54.4

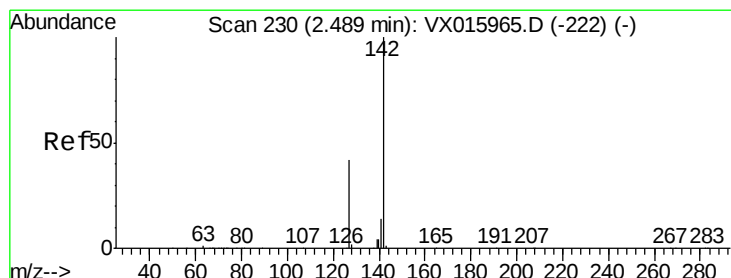
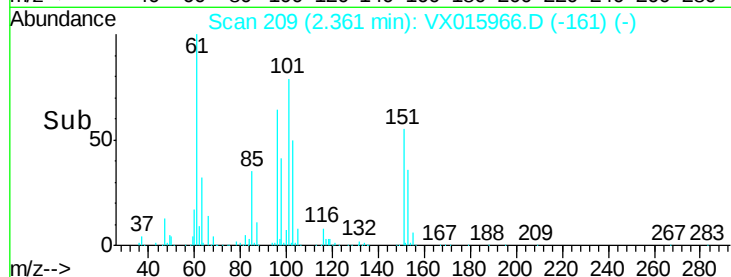
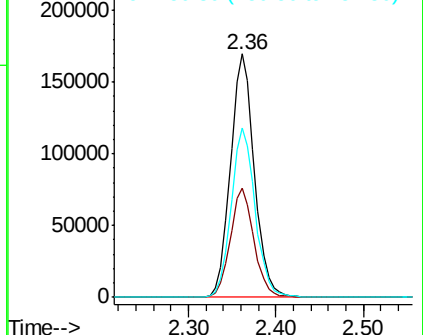
151 70.1 57.2 85.8



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: 104.588 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

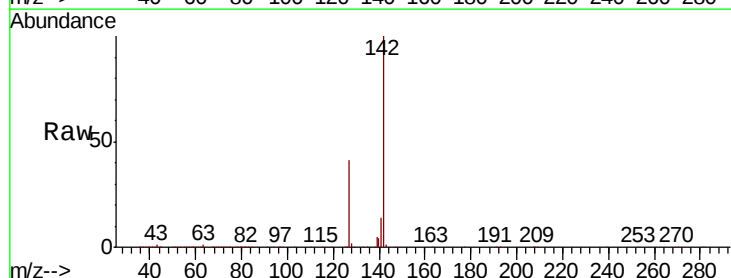
Tgt Ion:142 Resp: 453835

Ion Ratio Lower Upper

142 100

127 43.0 34.6 51.8

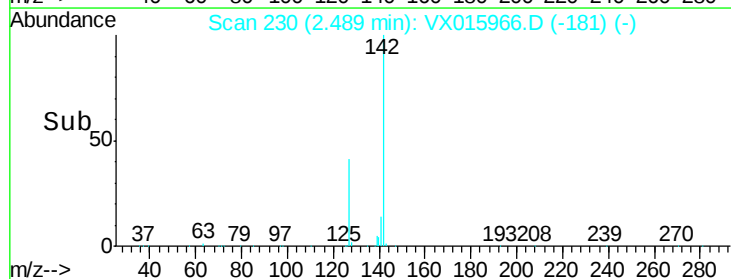
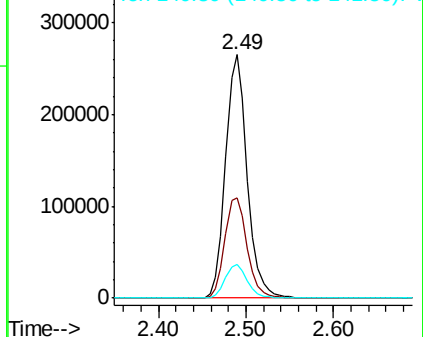
141 14.1 11.3 16.9

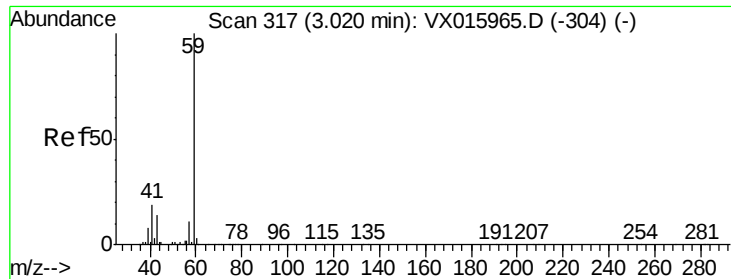


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



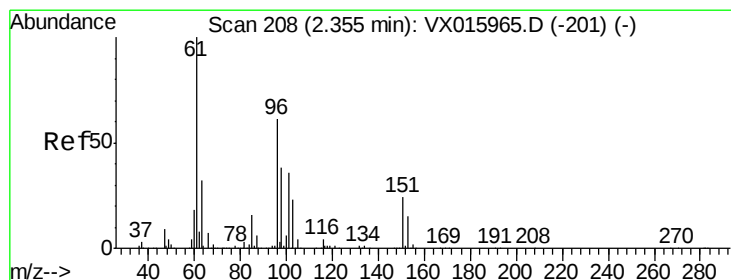
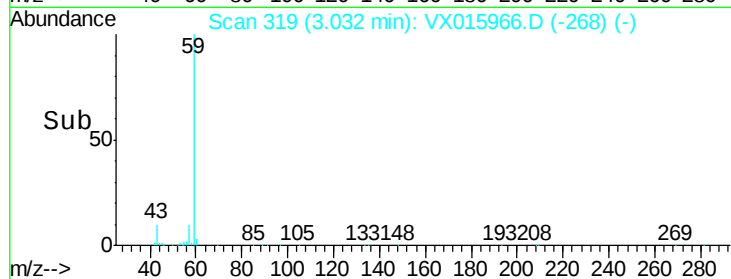
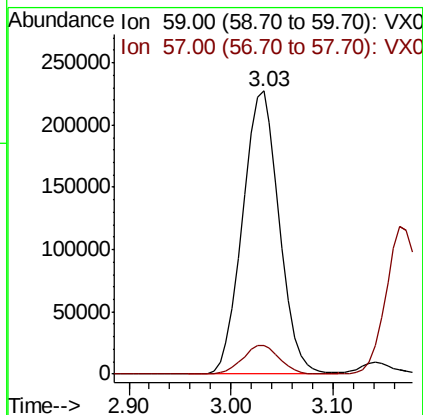
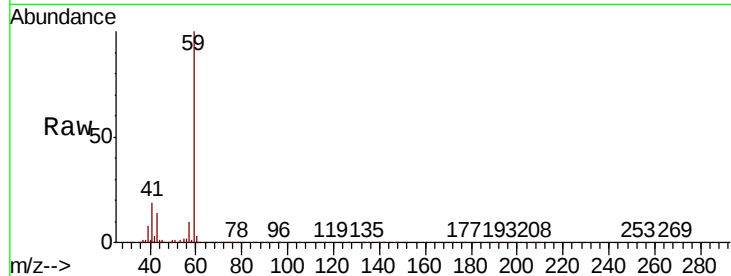


#11

Tert butyl alcohol
Concen: 528.190 ug/l
RT: 3.03 min Scan# 319
Delta R.T. 0.01 min
Lab File: VX015966.D
Acq: 28 Apr 2020 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

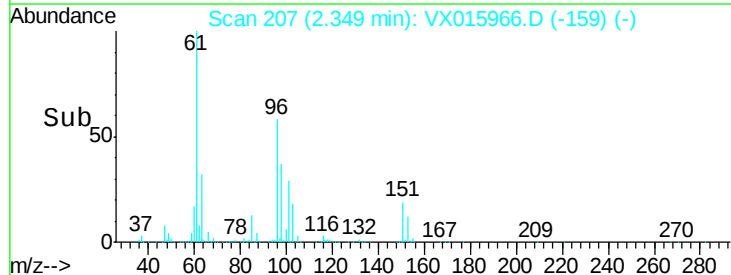
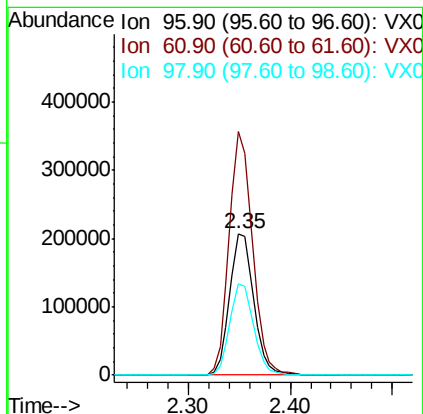
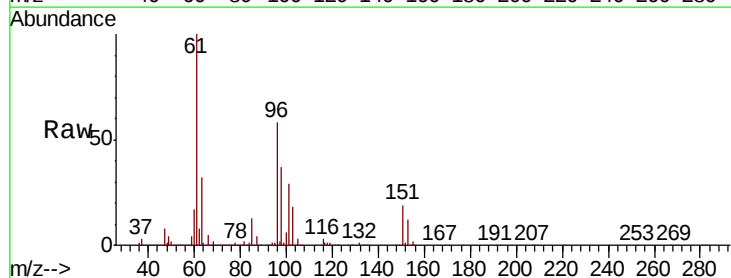
Tot Ion: 59 Resp: 566870
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

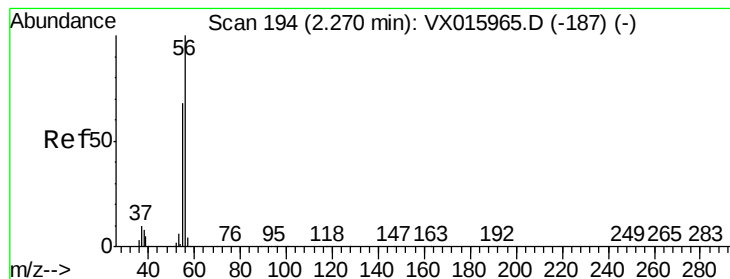


#12

1,1-Dichloroethene
Concen: 98.922 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX015966.D
Acq: 28 Apr 2020 12:44

Tgt Ion: 96 Resp: 335882
Ion Ratio Lower Upper
96 100
61 172.2 131.1 196.7
98 64.2 49.4 74.2





#13

Acrolein

Concen: 736.018 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

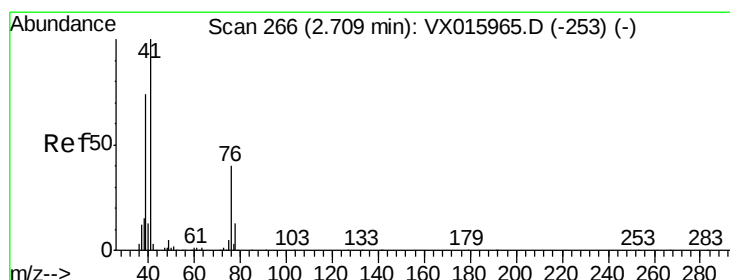
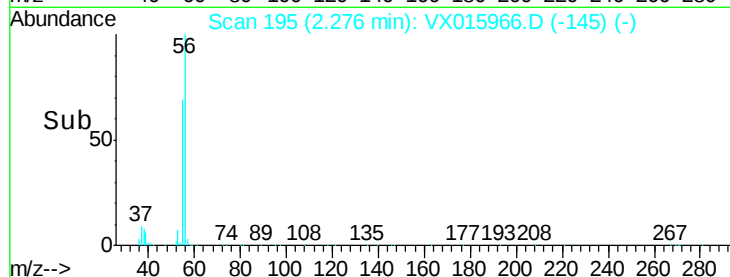
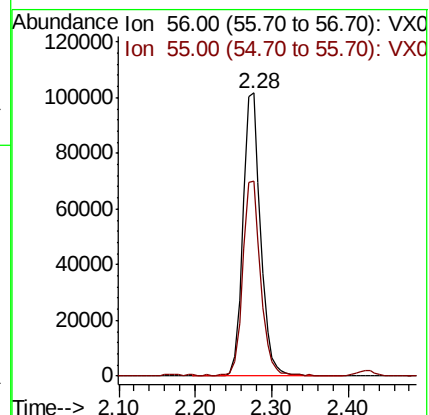
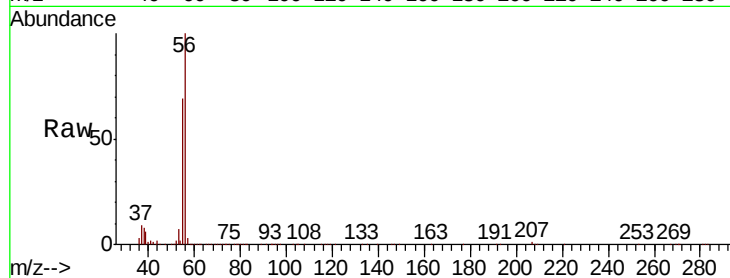
VSTDIC150

Tot Ion: 56 Resp: 159761

Ion Ratio Lower Upper

56 100

55 69.7 57.2 85.8



#14

Allyl chloride

Concen: 103.906 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

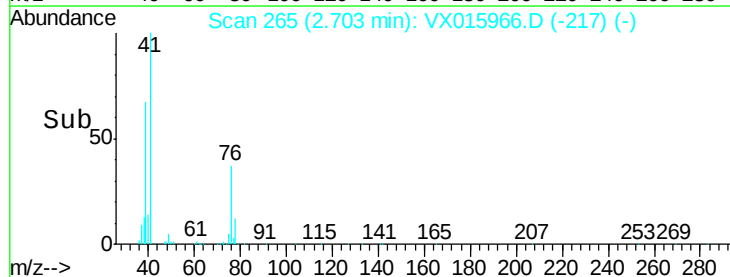
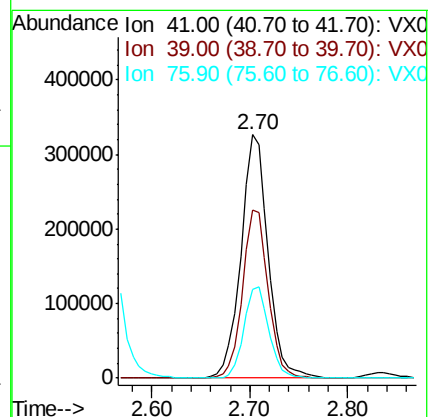
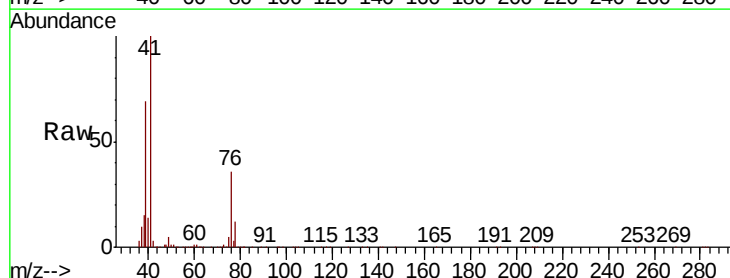
Tgt Ion: 41 Resp: 626326

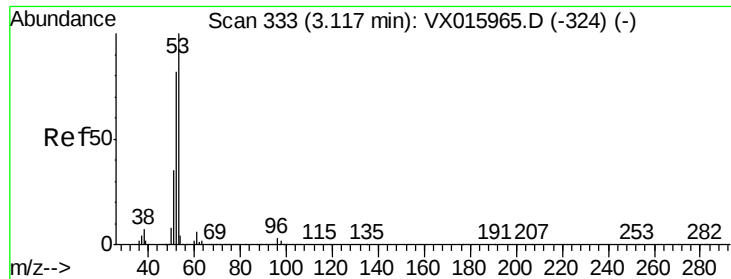
Ion Ratio Lower Upper

41 100

39 65.3 53.2 79.8

76 34.8 27.7 41.5





#15

Acrylonitrile

Concen: 530.291 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

Instrument :

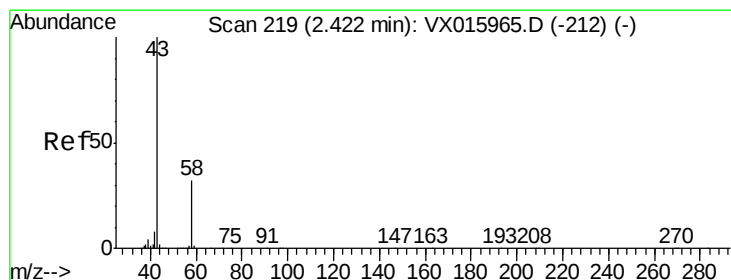
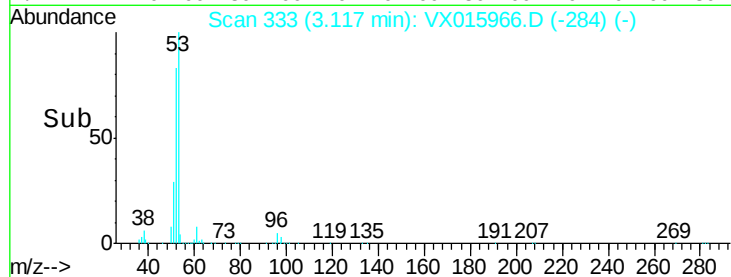
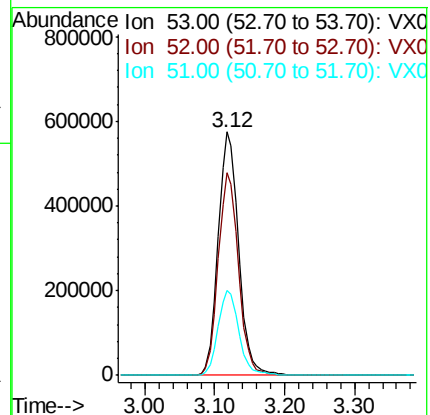
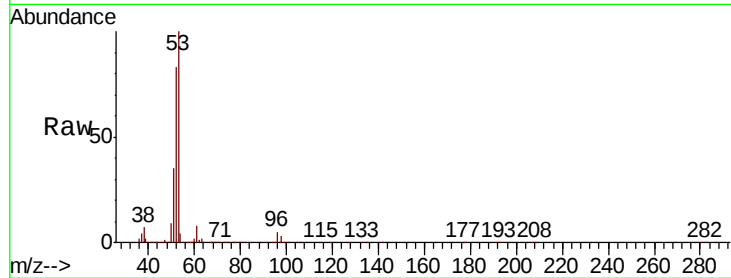
MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 53 Resp: 1164437

Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.3	99.5
51	35.7	29.0	43.4



#16

Acetone

Concen: 509.184 ug/l

RT: 2.42 min Scan# 219

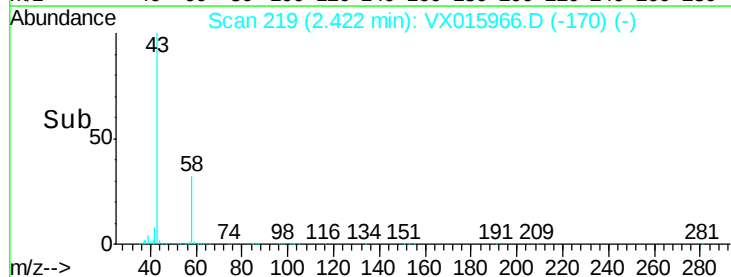
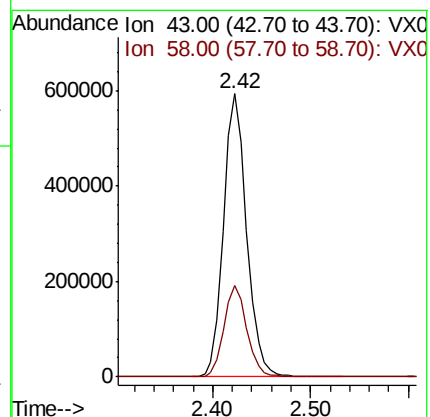
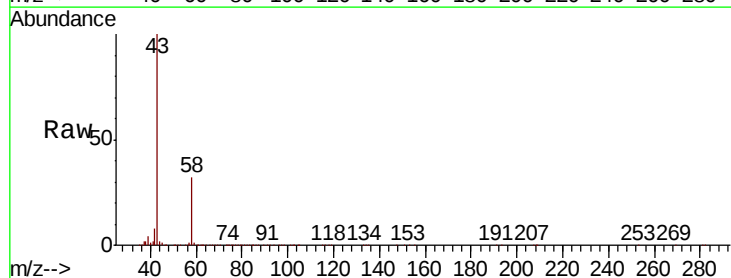
Delta R.T. -0.00 min

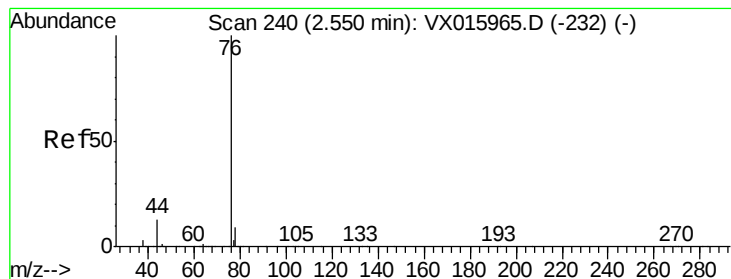
Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

Tgt Ion: 43 Resp: 965820

Ion	Ratio	Lower	Upper
43	100		
58	32.2	25.4	38.2





#17

Carbon Disulfide

Concen: 91.117 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

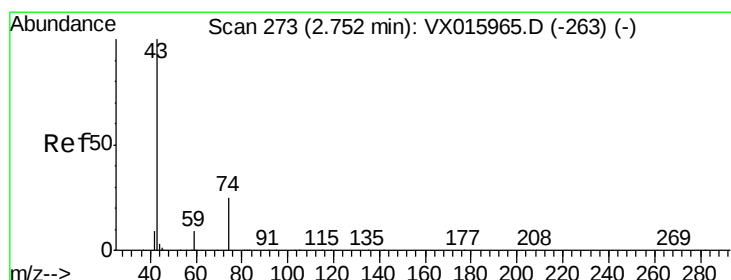
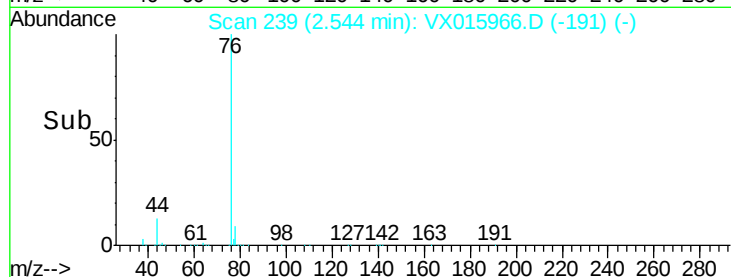
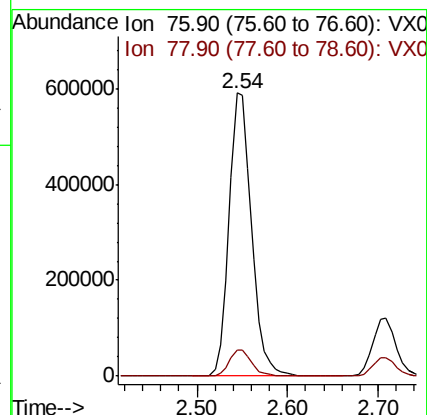
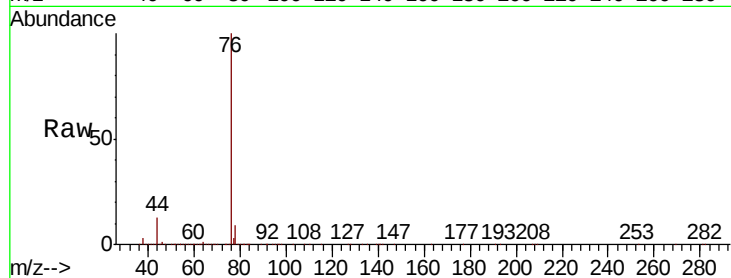
VSTDIC150

Tot Ion: 76 Resp: 1017538

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



#18

Methyl Acetate

Concen: 101.921 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015966.D

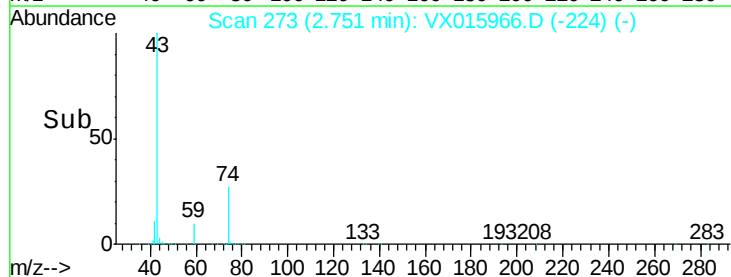
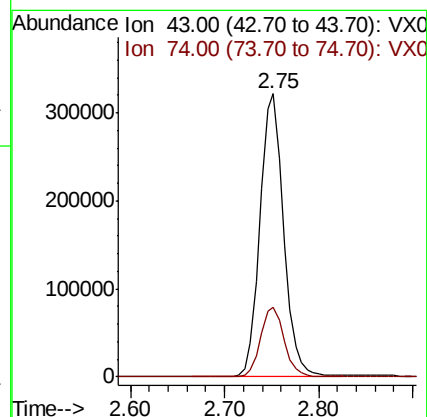
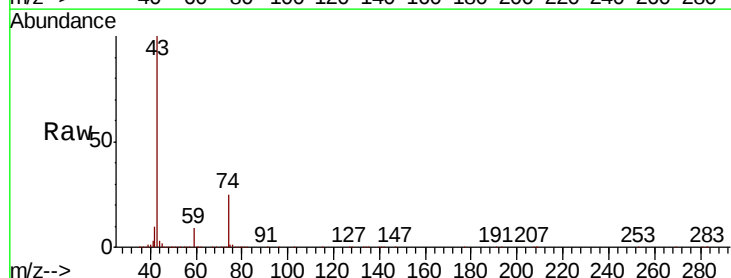
Acq: 28 Apr 2020 12:44

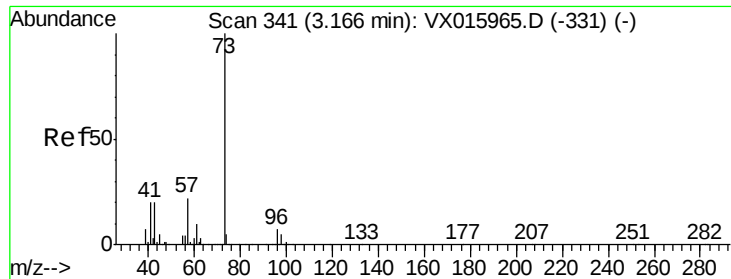
Tgt Ion: 43 Resp: 563493

Ion Ratio Lower Upper

43 100

74 25.2 19.8 29.6



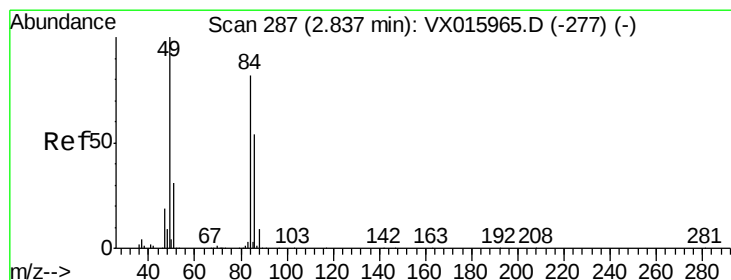
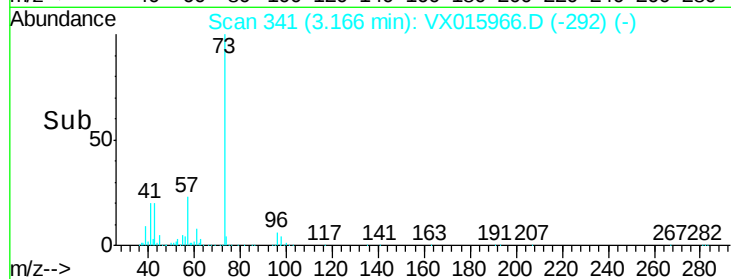
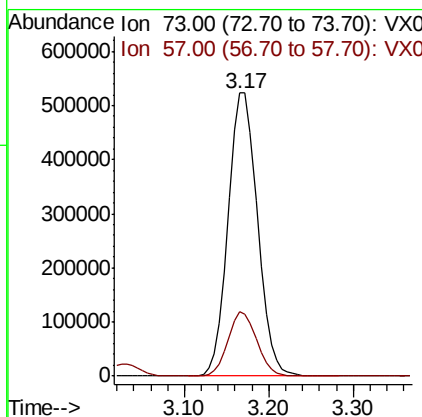
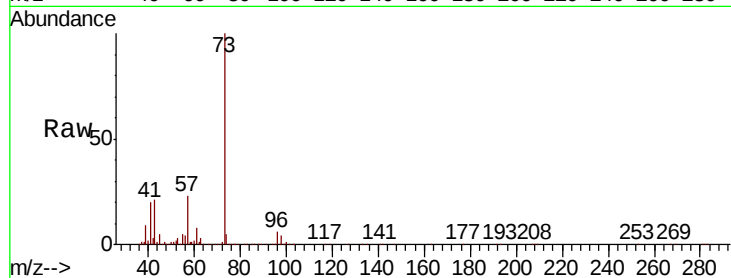


#19

Methyl tert-butyl Ether
 Concen: 100.690 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX015966.D
 Acq: 28 Apr 2020 12:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

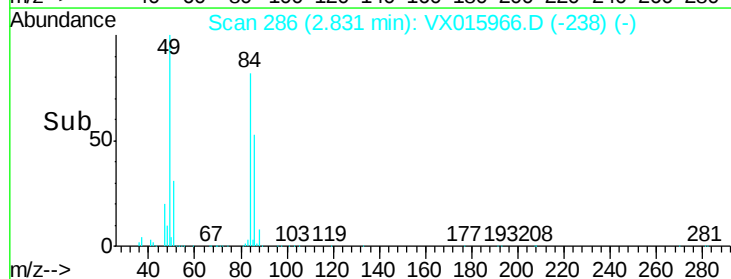
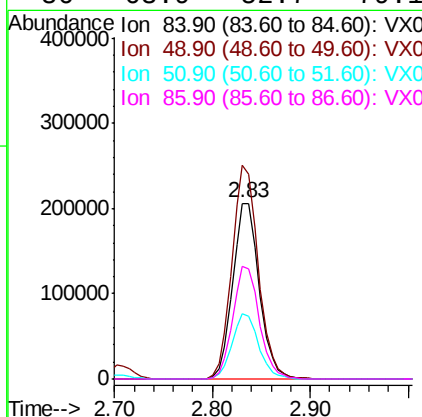
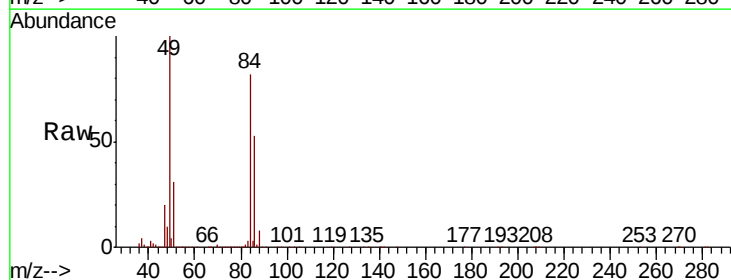
Tot Ion: 73 Resp: 1238414
 Ion Ratio Lower Upper
 73 100
 57 22.6 17.4 26.2

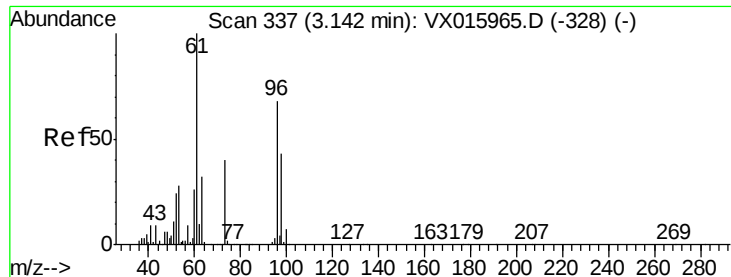


#20

Methylene Chloride
 Concen: 100.466 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX015966.D
 Acq: 28 Apr 2020 12:44

Tgt Ion: 84 Resp: 389271
 Ion Ratio Lower Upper
 84 100
 49 121.4 97.7 146.5
 51 37.1 29.8 44.8
 86 63.9 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 99.031 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

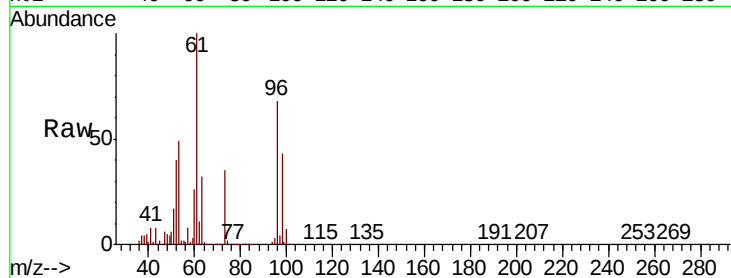
Tot Ion: 96 Resp: 369118

Ion Ratio Lower Upper

96 100

61 146.8 117.2 175.8

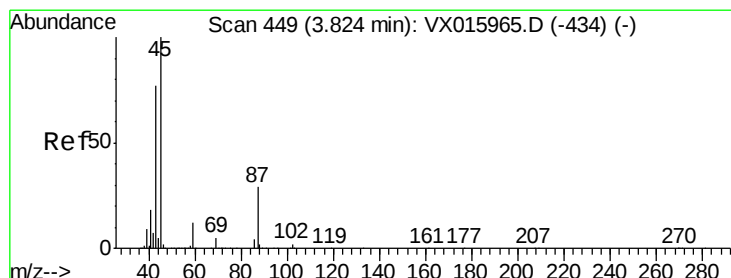
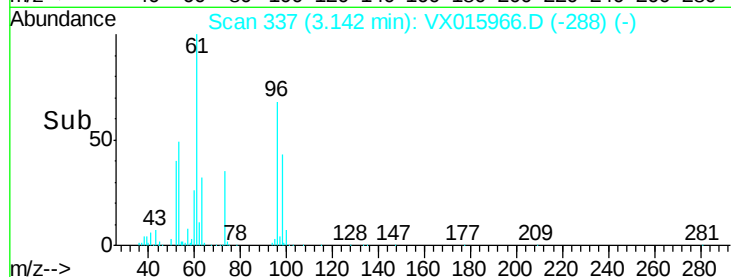
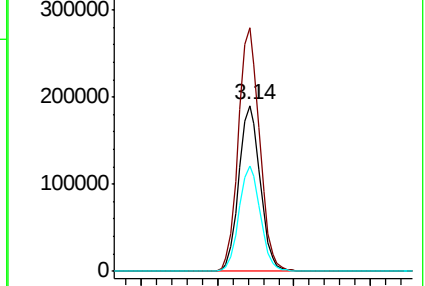
98 63.7 50.7 76.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 101.250 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

Tgt Ion: 45 Resp: 1210379

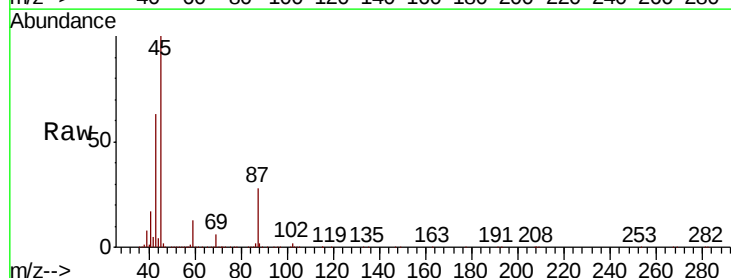
Ion Ratio Lower Upper

45 100

43 62.8 61.8 92.6

87 28.3 23.3 34.9

59 12.6 9.7 14.5

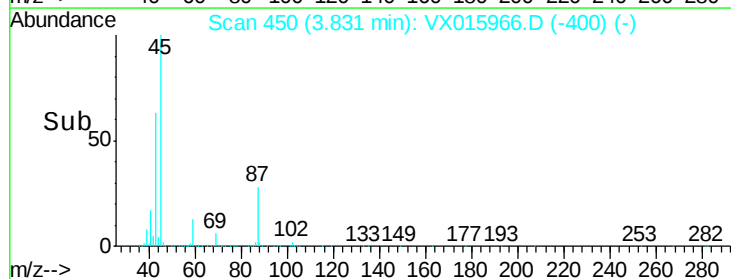
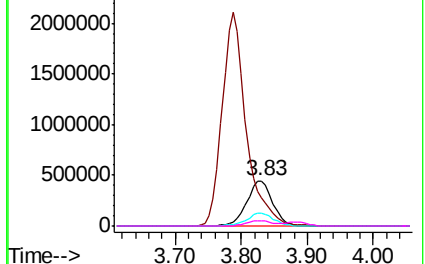


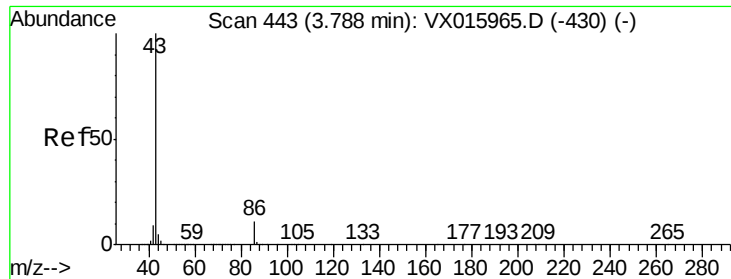
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 520.213 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

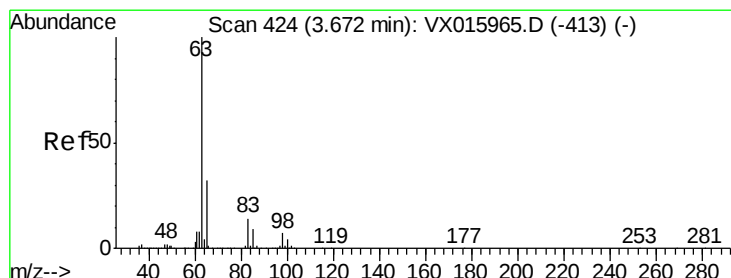
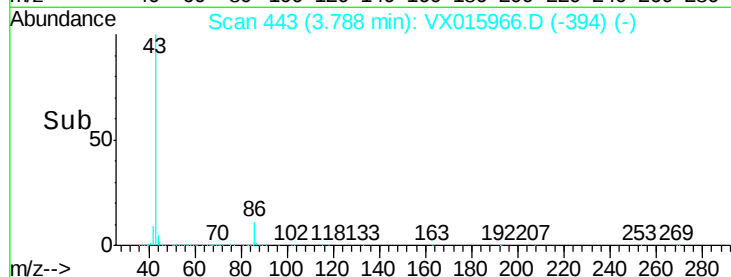
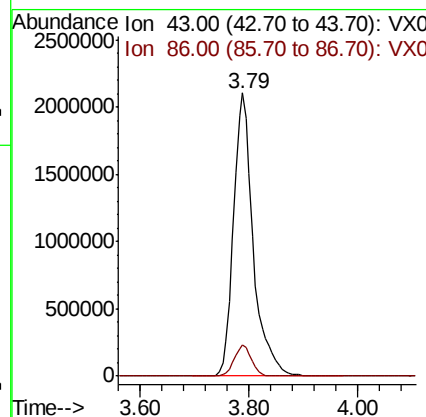
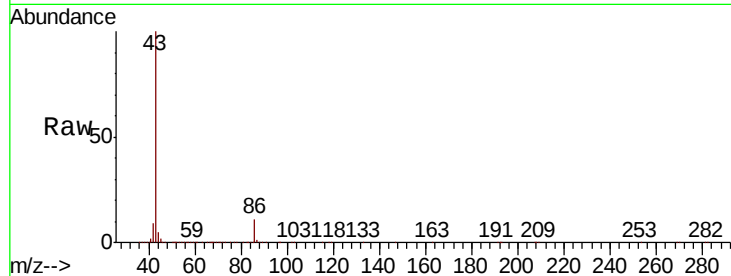
VSTDIC150

Tot Ion: 43 Resp: 5313291

Ion Ratio Lower Upper

43 100

86 11.0 8.7 13.1



#24

1,1-Dichloroethane

Concen: 102.587 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

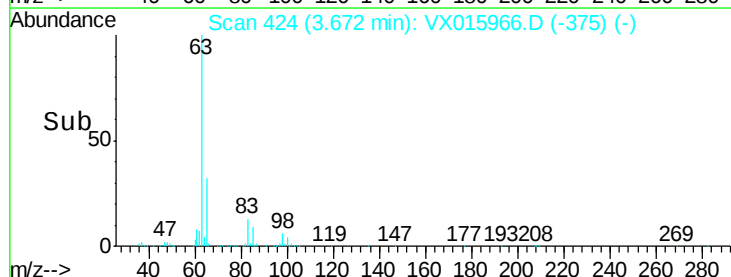
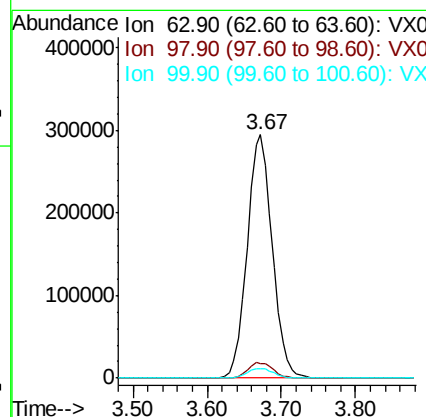
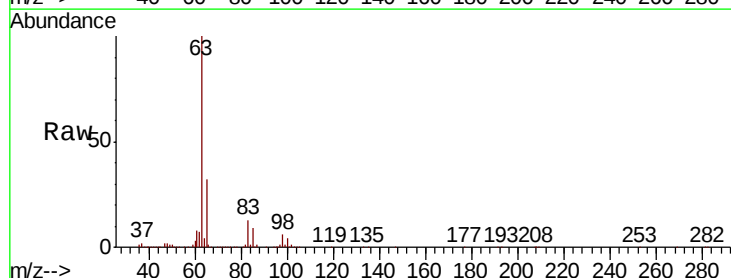
Tgt Ion: 63 Resp: 695951

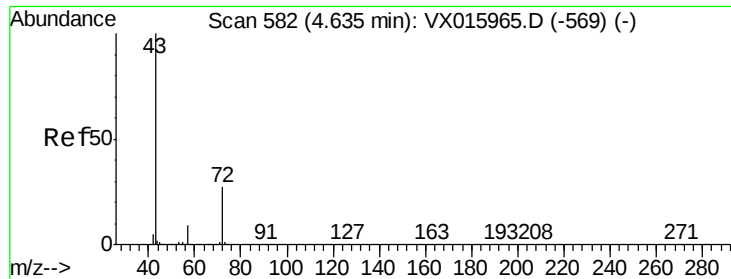
Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.1

100 4.1 2.1 6.2

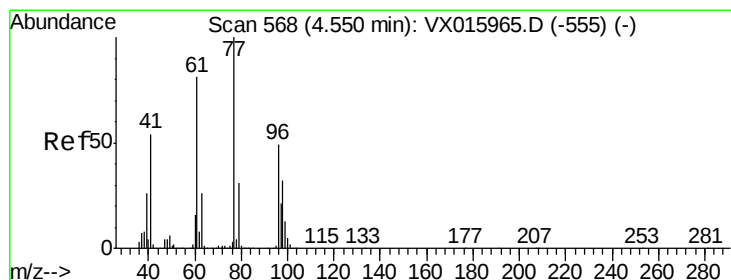
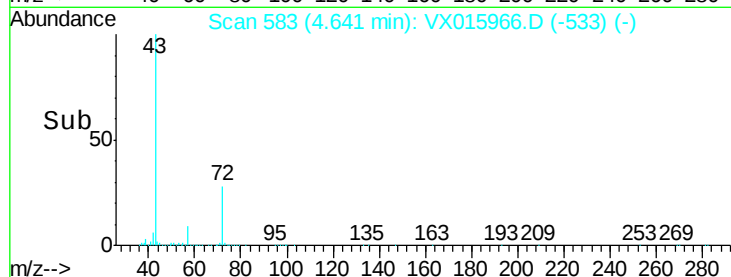
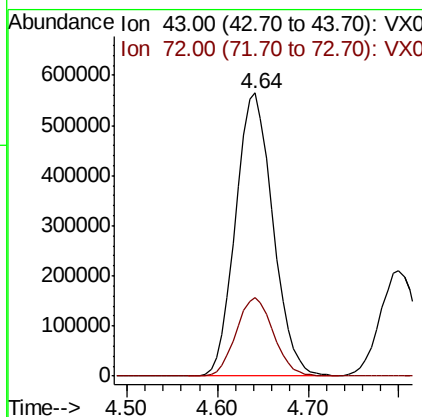
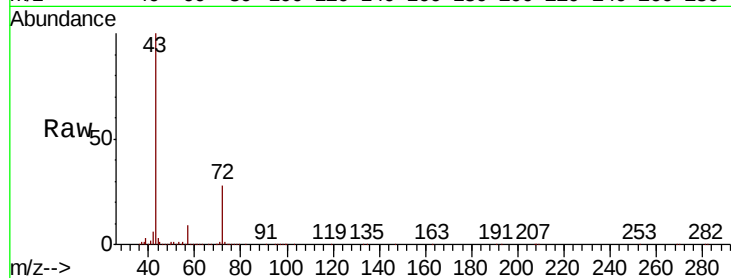




#25
2-Butanone
Concen: 527.201 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX015966.D
Acq: 28 Apr 2020 12:44

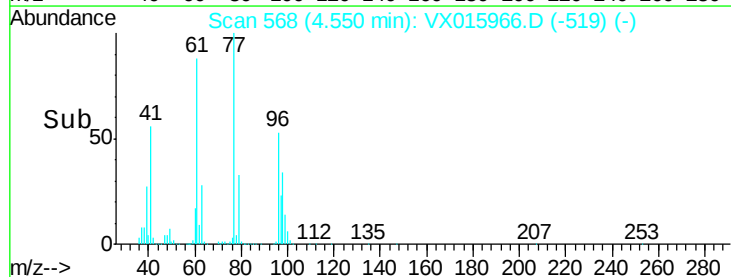
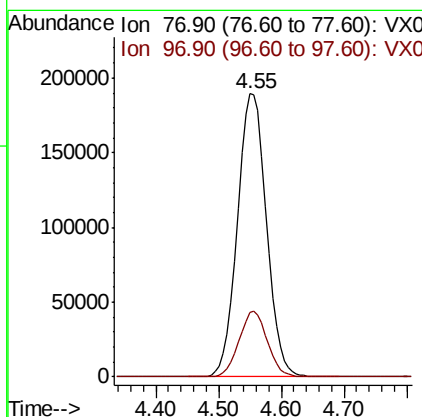
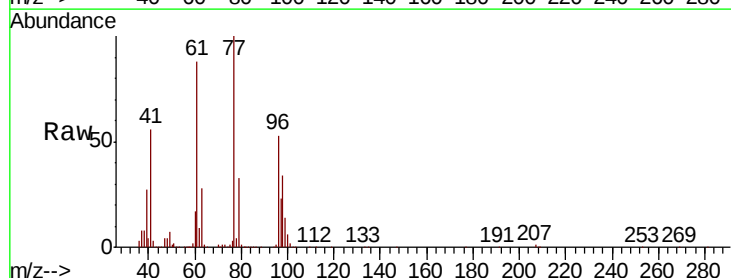
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

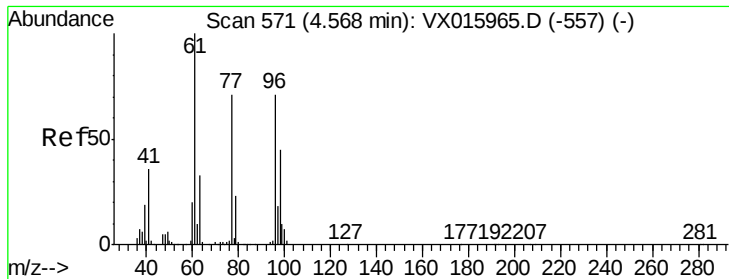
Tot Ion: 43 Resp: 1615755
Ion Ratio Lower Upper
43 100
72 27.8 22.2 33.2



#26
2,2-Dichloropropane
Concen: 98.403 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 12:44

Tgt Ion: 77 Resp: 605981
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.6



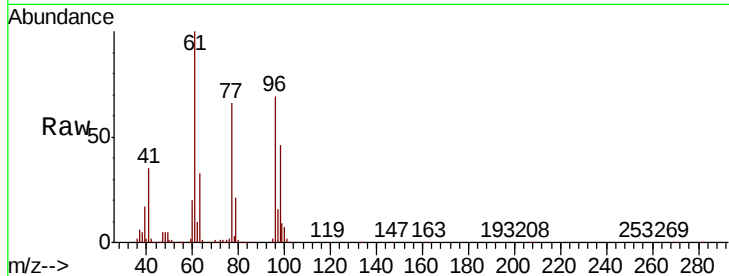


#27

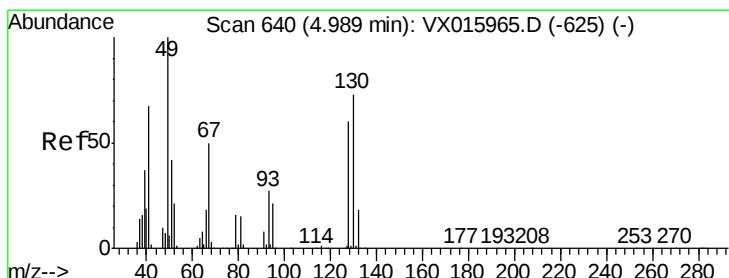
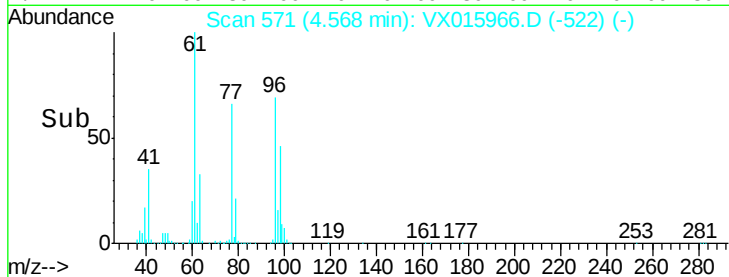
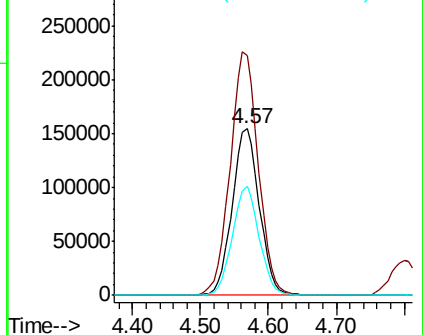
cis-1,2-Dichloroethene
Concen: 101.102 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.5	0.0	302.6
98	64.8	0.0	129.0



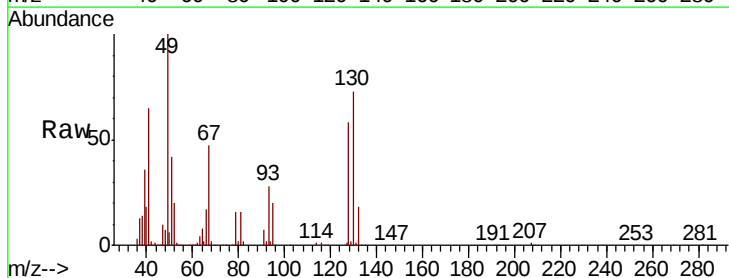
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



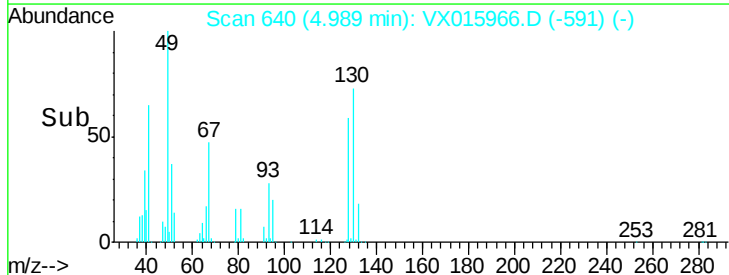
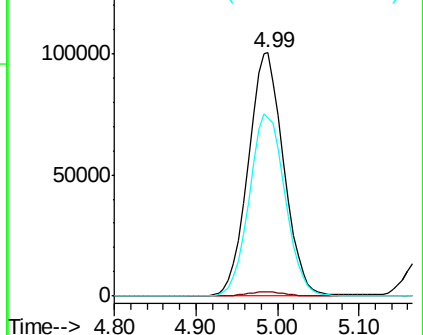
#28

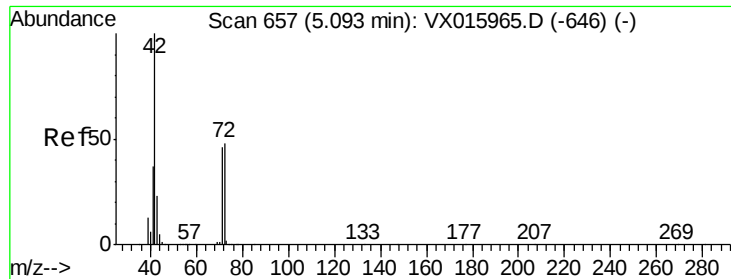
Bromochloromethane
Concen: 101.349 ug/l
RT: 4.99 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 12:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	75.6	59.5	89.3



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

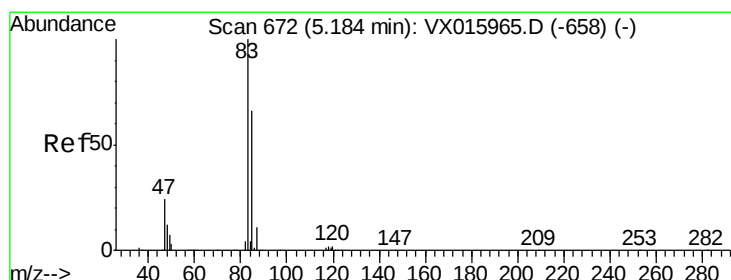
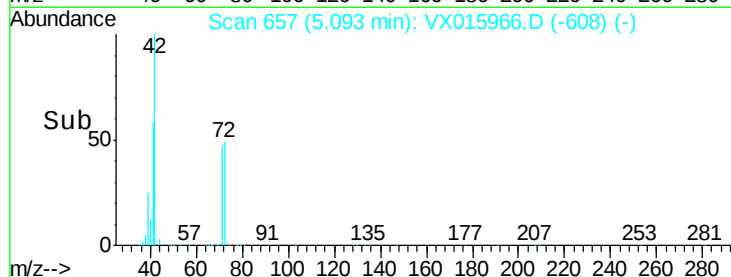
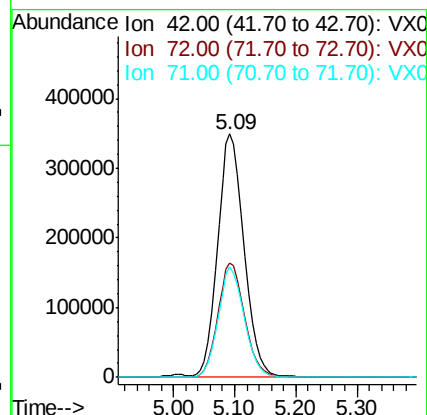
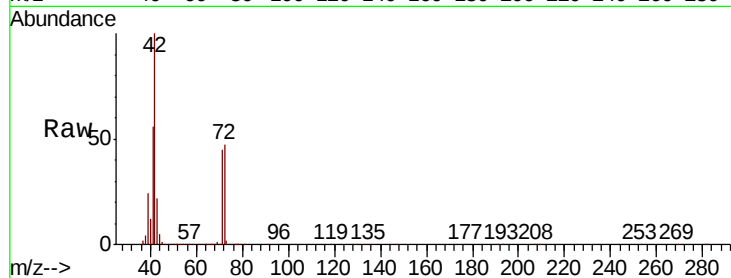




#29
Tetrahydrofuran
Concen: 520.758 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 12:44

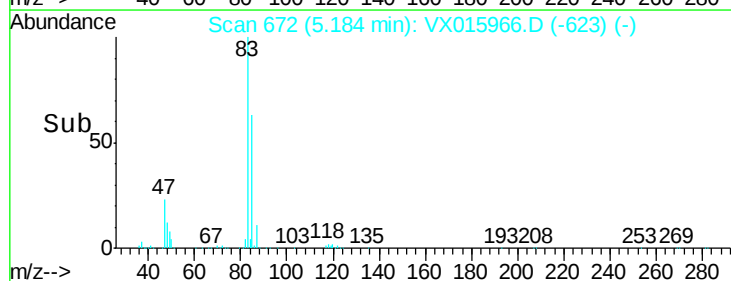
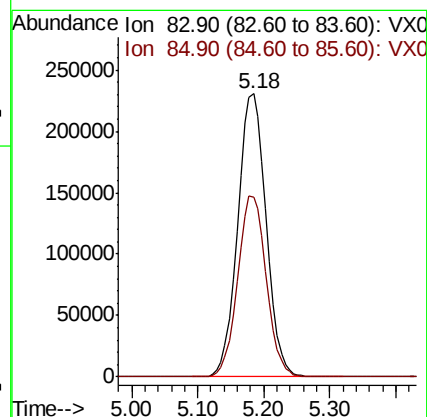
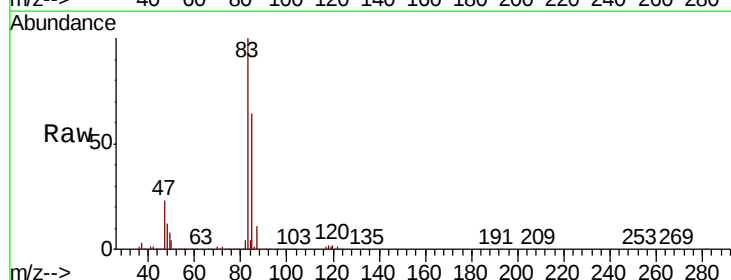
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

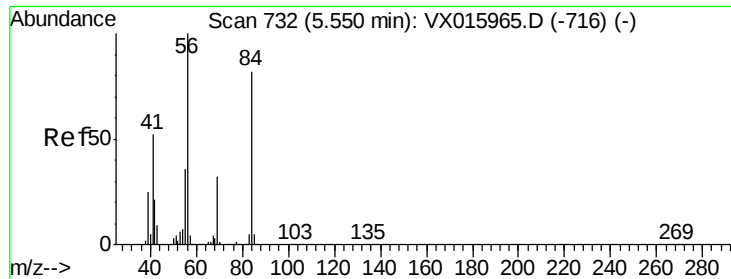
Tot Ion: 42 Resp: 1050464
Ion Ratio Lower Upper
42 100
72 47.7 38.0 57.0
71 44.9 35.8 53.8



#30
Chloroform
Concen: 101.933 ug/l
RT: 5.18 min Scan# 672
Delta R.T. -0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 12:44

Tgt Ion: 83 Resp: 685248
Ion Ratio Lower Upper
83 100
85 63.6 52.9 79.3

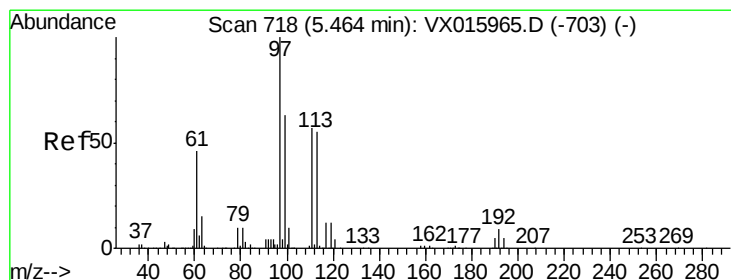
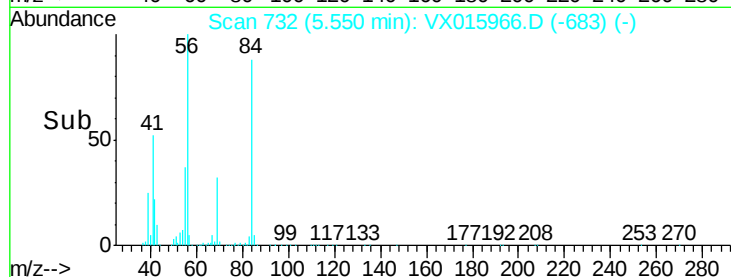
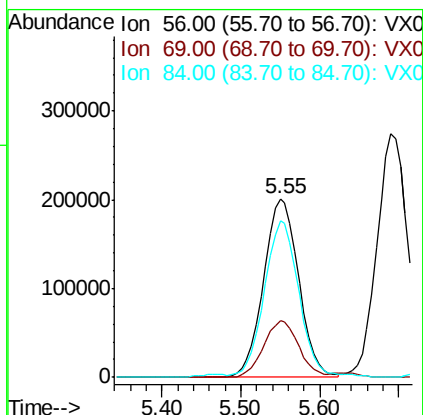
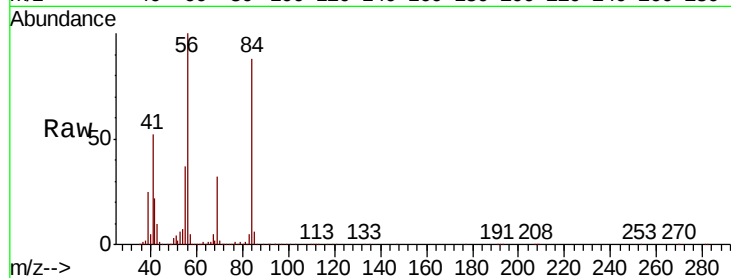




#31
Cyclohexane
Concen: 101.494 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 12:44

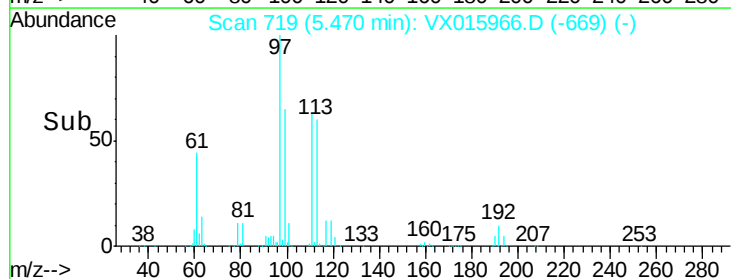
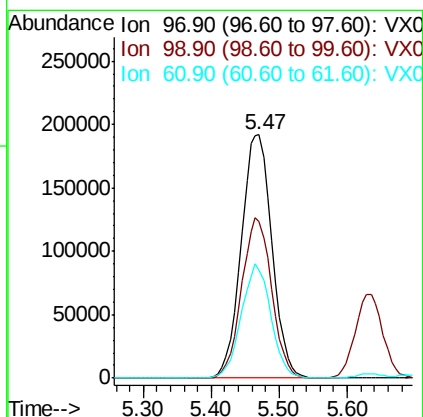
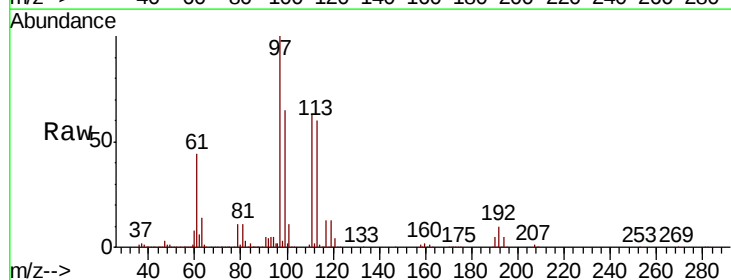
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

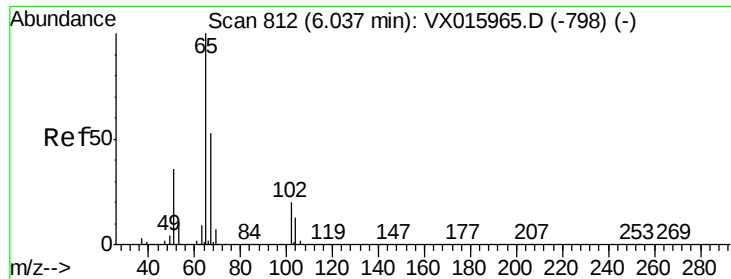
Tot Ion	Ratio	Lower	Upper
56	100		
69	31.8	25.3	37.9
84	87.5	65.8	98.6



#32
1,1,1-Trichloroethane
Concen: 100.320 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX015966.D
Acq: 28 Apr 2020 12:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	50.8	76.2
61	44.9	36.3	54.5





#33

1,2-Dichloroethane-d4

Concen: 103.401 ug/l

RT: 6.04 min Scan# 812

Delta R.T. -0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

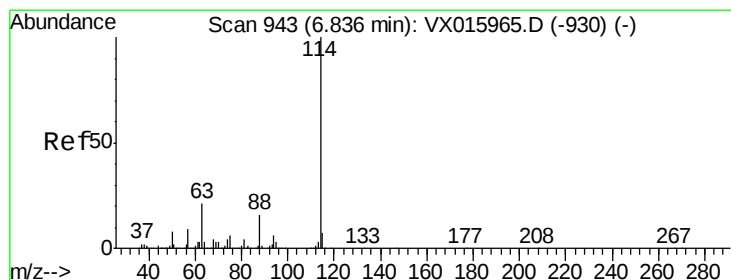
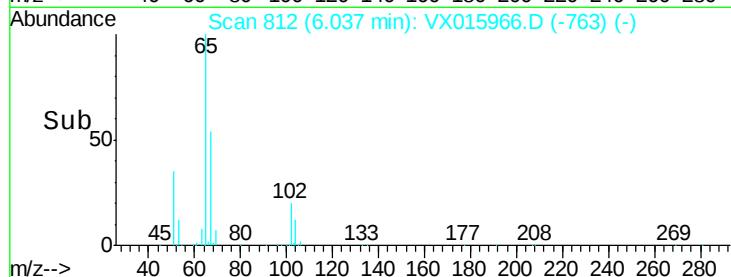
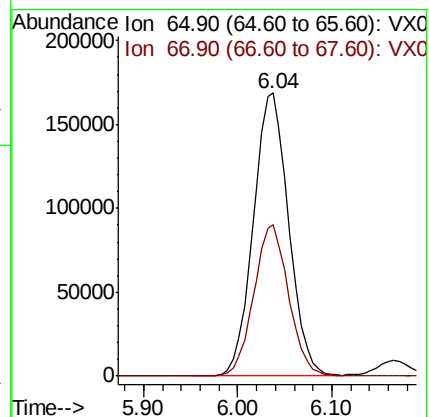
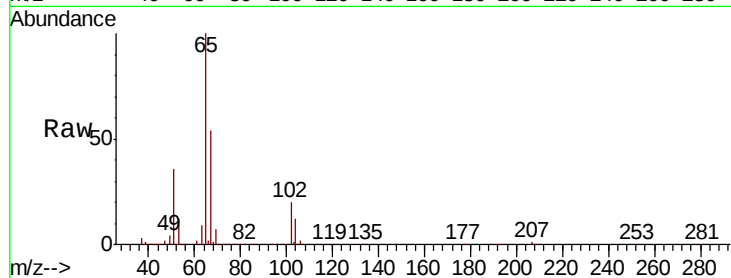
VSTDIC150

Tot Ion: 65 Resp: 444109

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

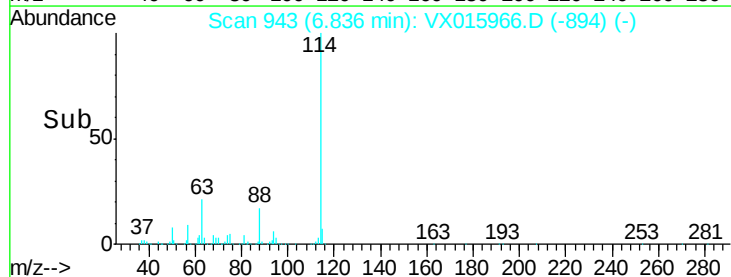
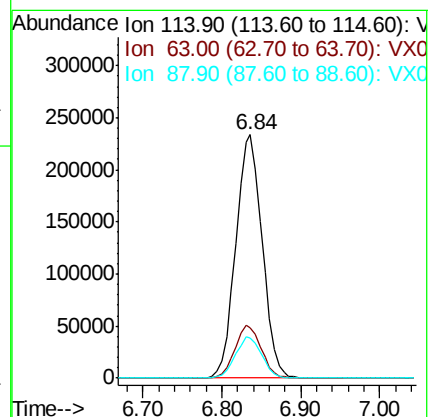
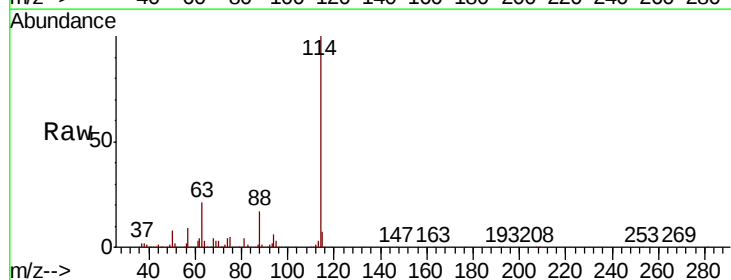
Tgt Ion: 114 Resp: 542844

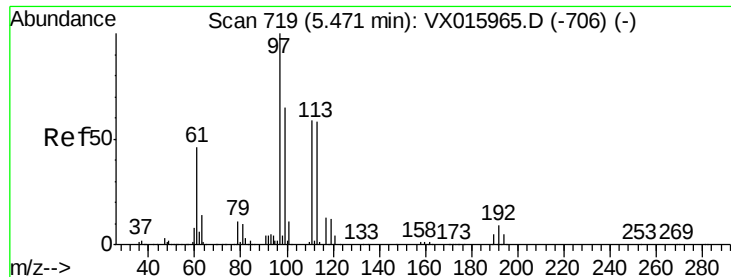
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.4

88 16.7 0.0 32.6

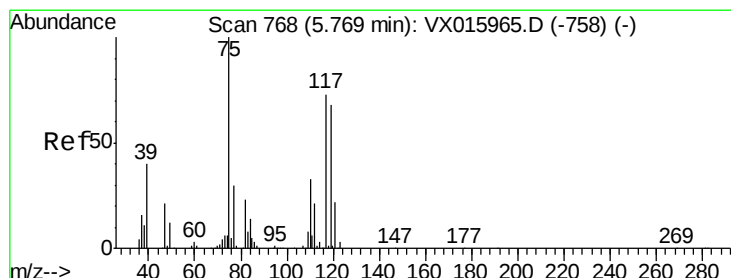
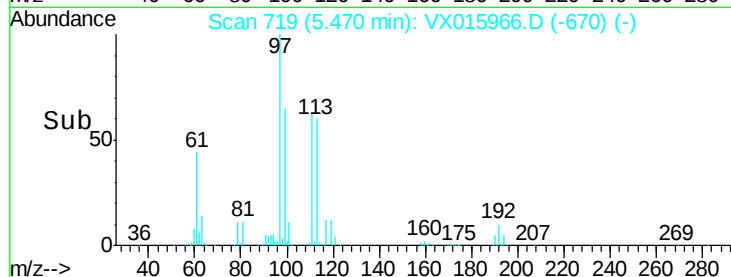
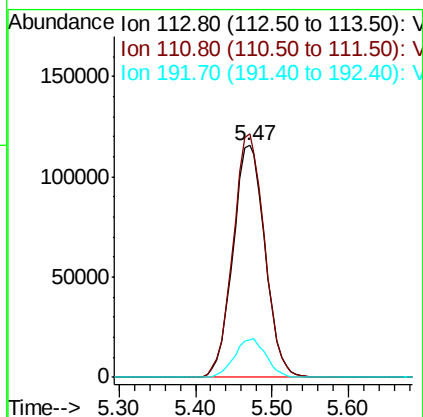
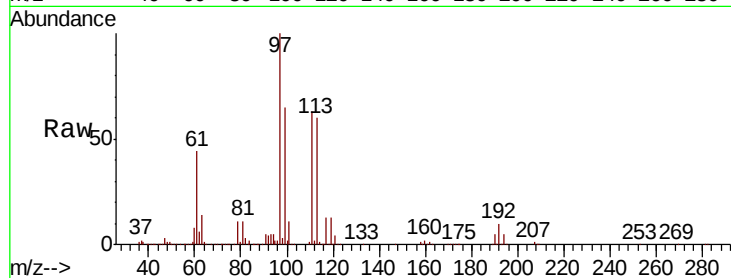




#35
 Dibromofluoromethane
 Concen: 102.396 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX015966.D
 Acq: 28 Apr 2020 12:44

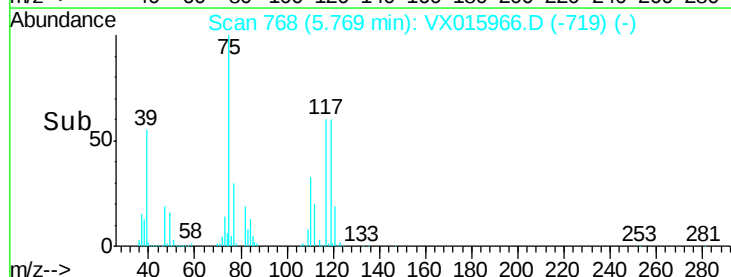
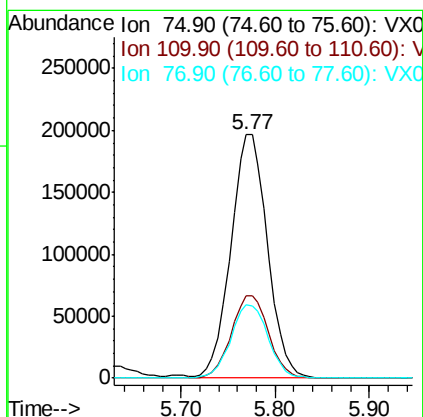
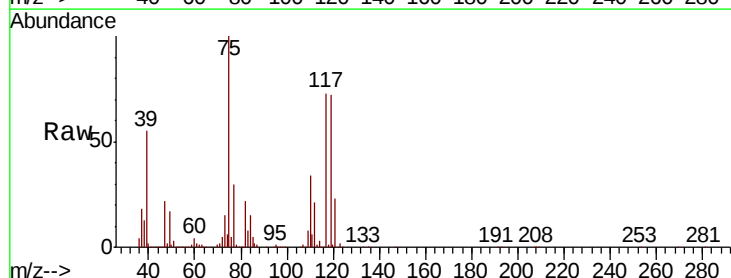
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

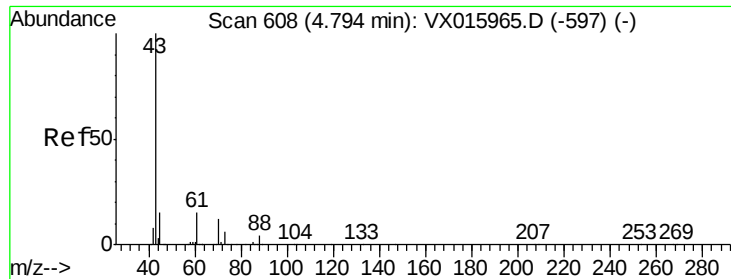
Tot Ion:113 Resp: 335993
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.6 122.4
 192 16.4 13.2 19.8



#36
 1,1-Dichloropropene
 Concen: 95.846 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX015966.D
 Acq: 28 Apr 2020 12:44

Tgt Ion: 75 Resp: 530773
 Ion Ratio Lower Upper
 75 100
 110 34.4 17.1 51.2
 77 30.7 24.7 37.1

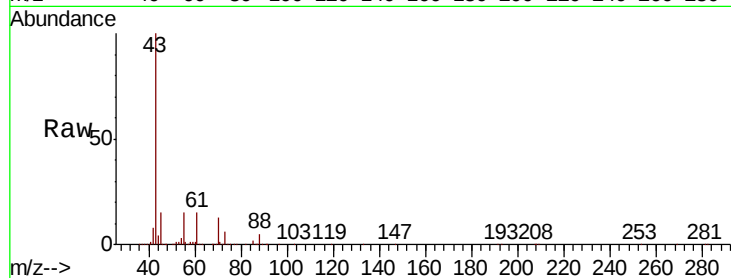




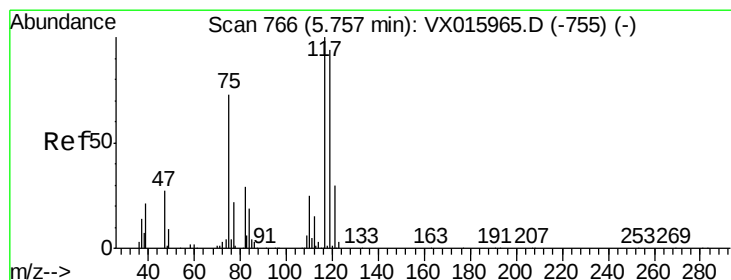
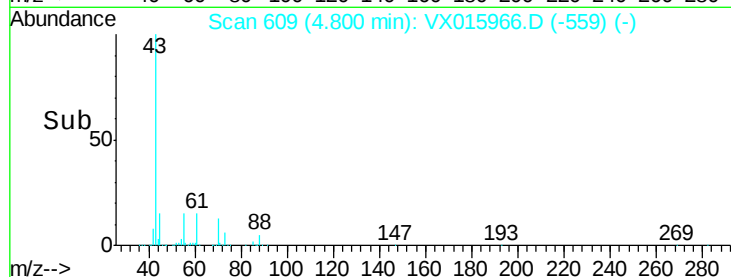
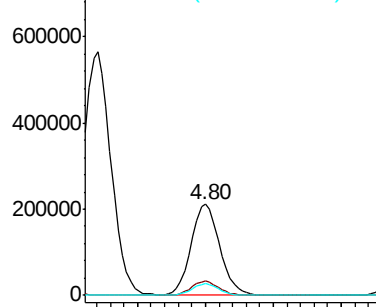
#37
Ethyl Acetate
Concen: 100.845 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX015966.D
Acq: 28 Apr 2020 12:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 617780
Ion Ratio Lower Upper
43 100
61 14.8 11.8 17.8
70 12.1 9.5 14.3

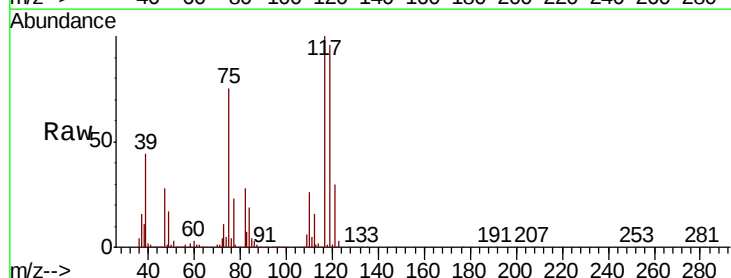


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

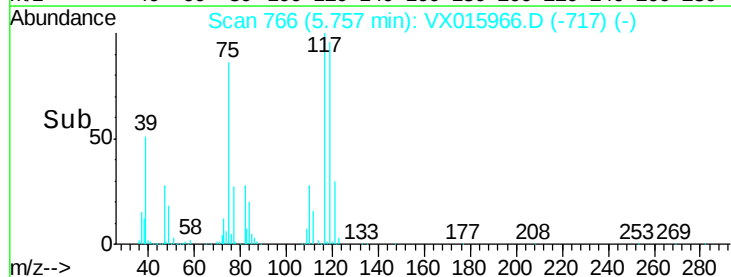
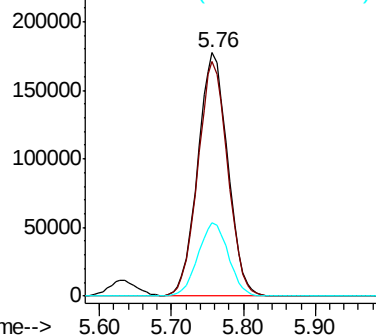


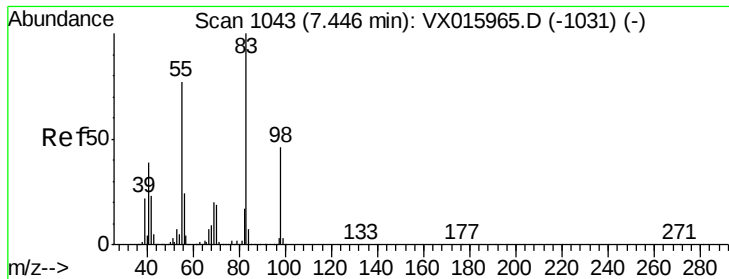
#38
Carbon Tetrachloride
Concen: 96.607 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 12:44

Tgt Ion: 117 Resp: 512976
Ion Ratio Lower Upper
117 100
119 96.1 74.8 112.2
121 30.1 24.0 36.0



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

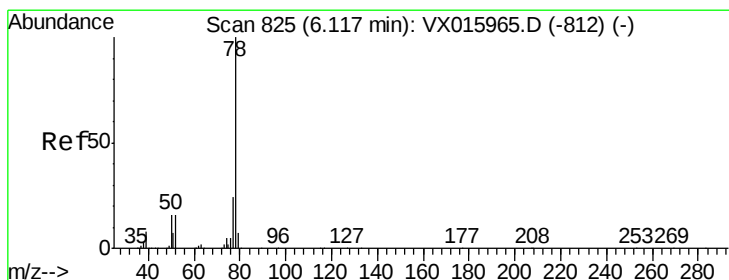
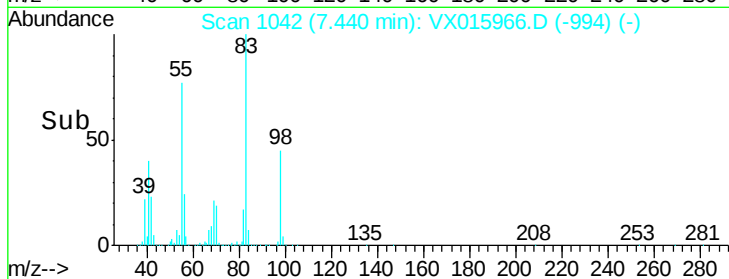
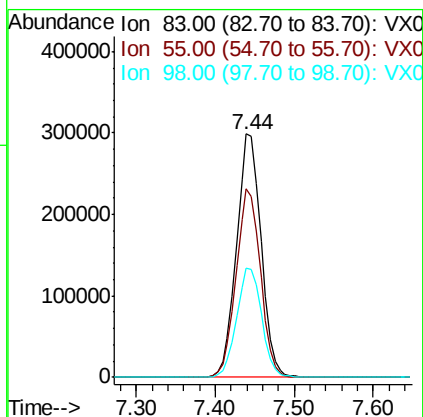
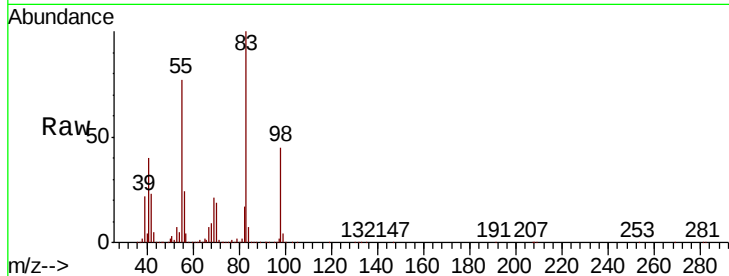




#39
Methvlcvclohexane
Concen: 97.456 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX015966.D
Acq: 28 Apr 2020 12:44

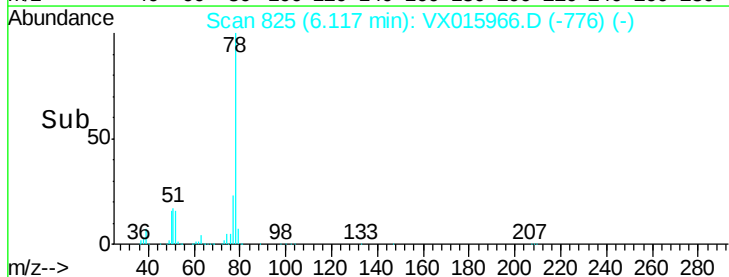
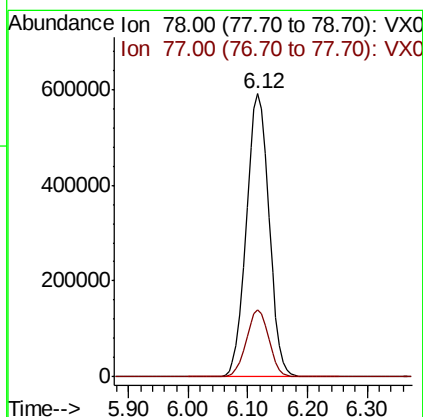
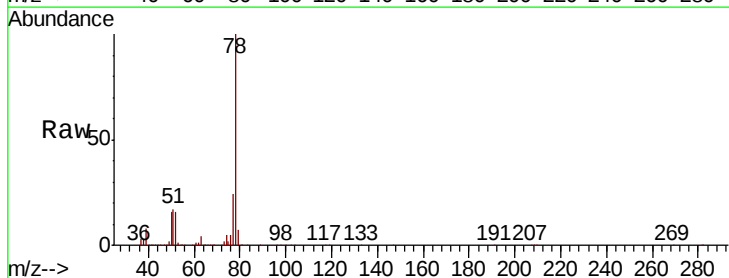
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

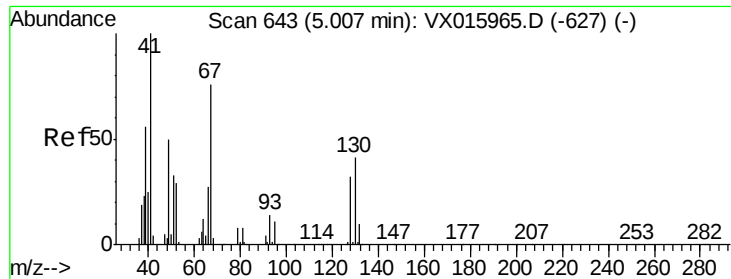
Tot Ion: 83 Resp: 647883
Ion Ratio Lower Upper
83 100
55 77.3 61.8 92.6
98 44.6 36.8 55.2



#40
Benzene
Concen: 96.898 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 12:44

Tgt Ion: 78 Resp: 1564027
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9

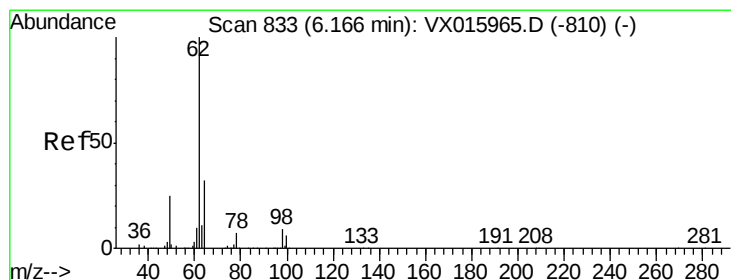
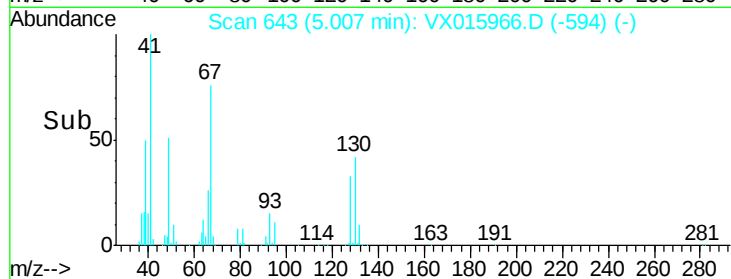
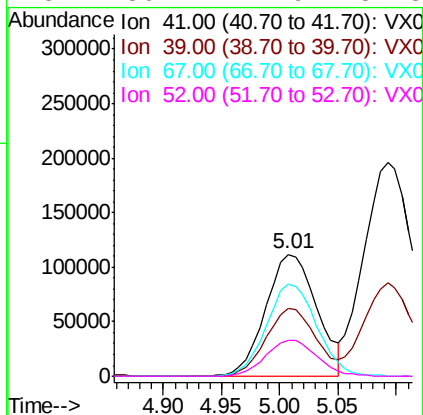
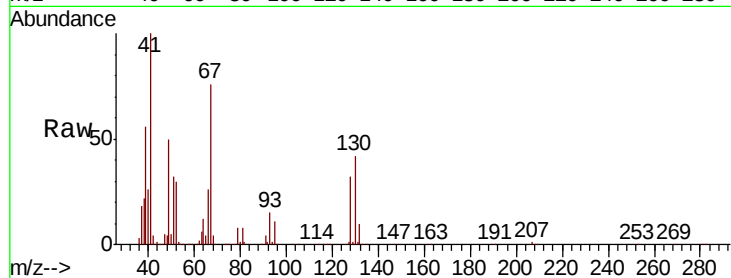




#41
Methacrylonitrile
Concen: 105.166 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 12:44

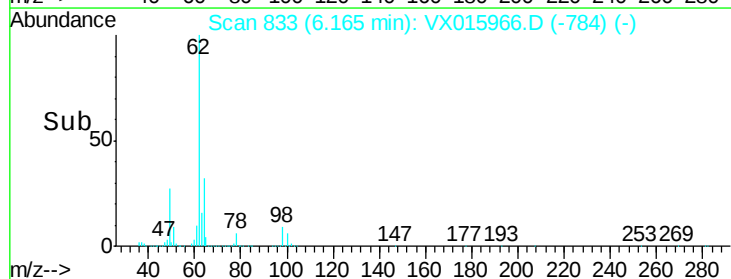
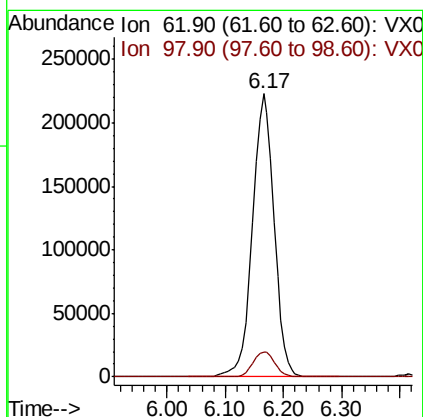
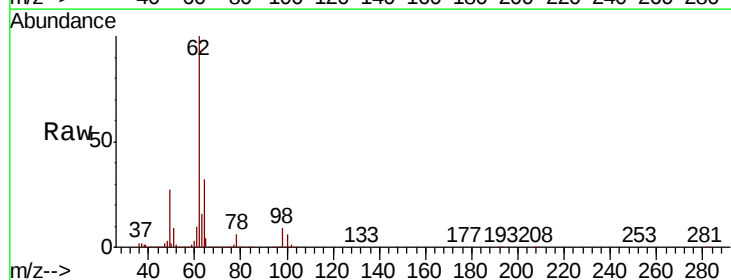
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

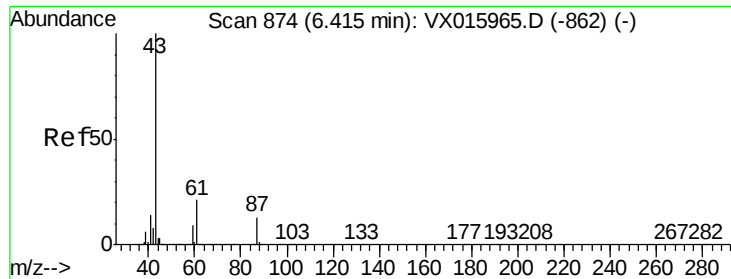
Tot Ion:	41	Resp:	339010
Ion	Ratio	Lower	Upper
41	100		
39	54.6	45.3	67.9
67	75.1	62.2	93.4
52	30.1	24.9	37.3



#42
1,2-Dichloroethane
Concen: 97.185 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 12:44

Tgt Ion:	62	Resp:	573094
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8



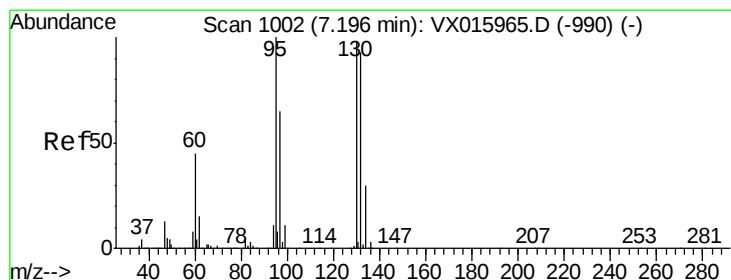
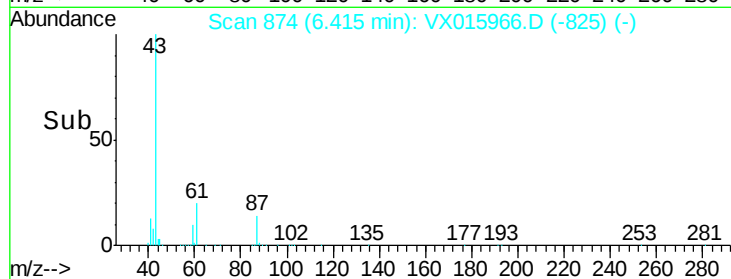
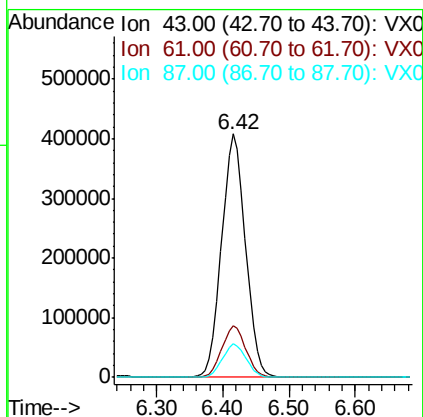
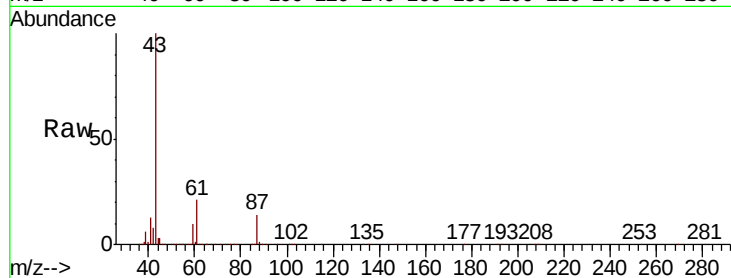


#43

Isopropyl Acetate
 Concen: 99.824 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX015966.D
 Acq: 28 Apr 2020 12:44

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

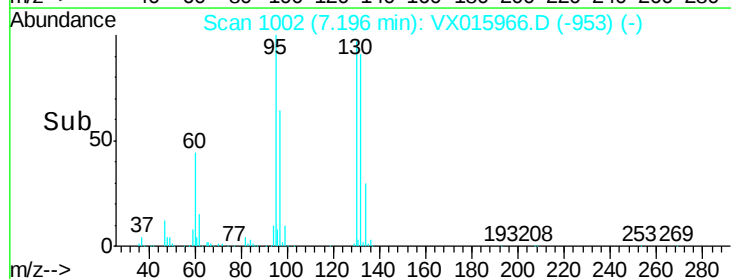
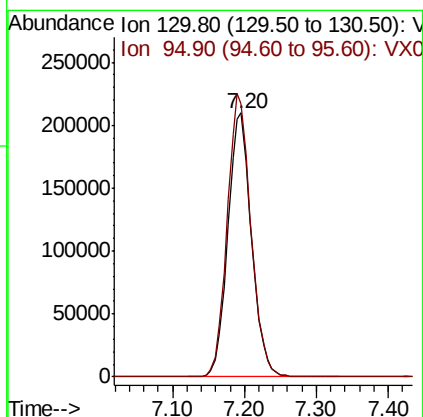
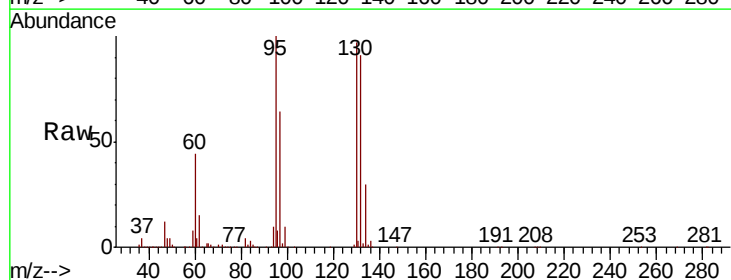
Tot Ion: 43 Resp: 1015283
 Ion Ratio Lower Upper
 43 100
 61 21.1 16.9 25.3
 87 13.8 11.0 16.4

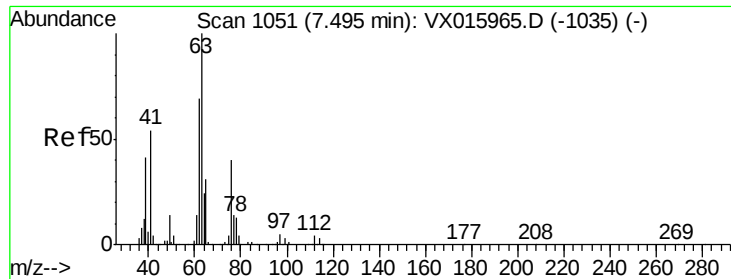


#44

Trichloroethene
 Concen: 90.337 ug/l
 RT: 7.20 min Scan# 1002
 Delta R.T. -0.00 min
 Lab File: VX015966.D
 Acq: 28 Apr 2020 12:44

Tgt Ion:130 Resp: 479066
 Ion Ratio Lower Upper
 130 100
 95 103.5 0.0 204.8





#45

1,2-Dichloropropane

Concen: 100.499 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

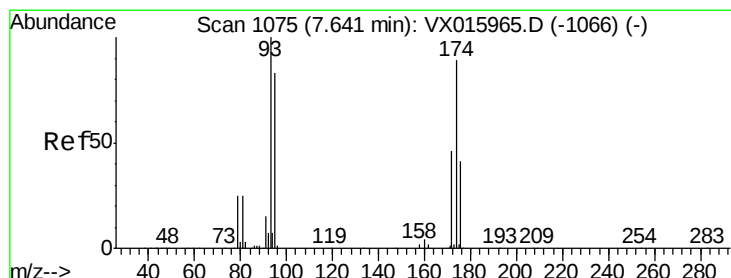
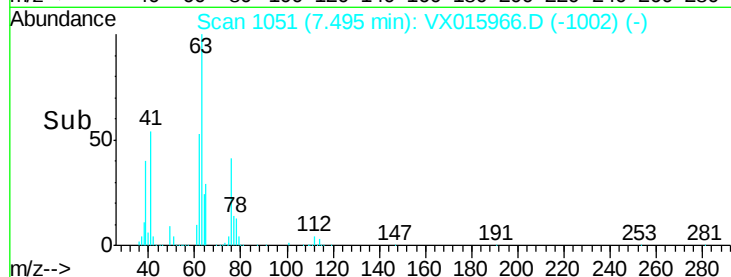
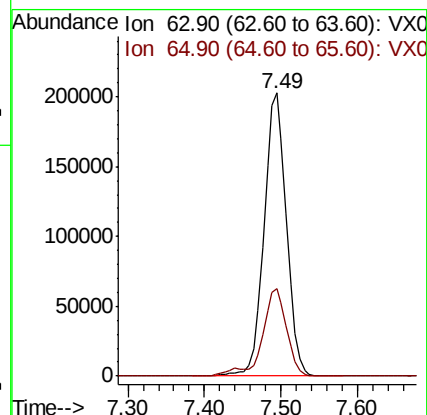
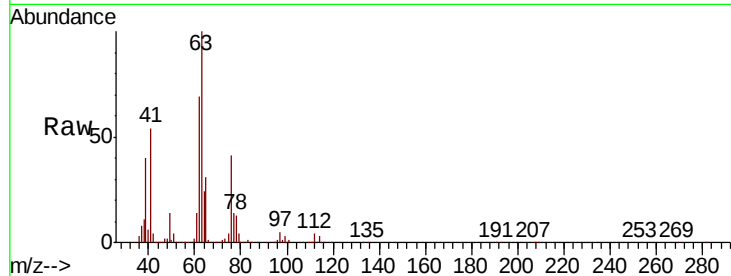
VSTDIC150

Tot Ion: 63 Resp: 414446

Ion Ratio Lower Upper

63 100

65 30.8 24.7 37.1



#46

Dibromomethane

Concen: 99.219 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

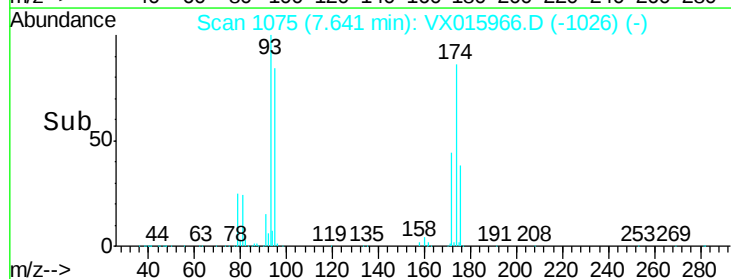
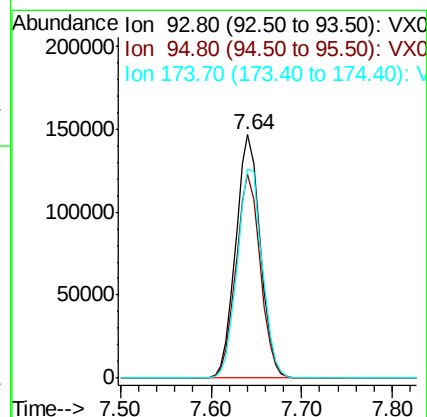
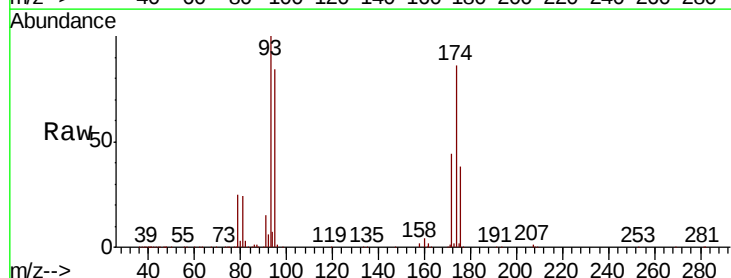
Tgt Ion: 93 Resp: 276745

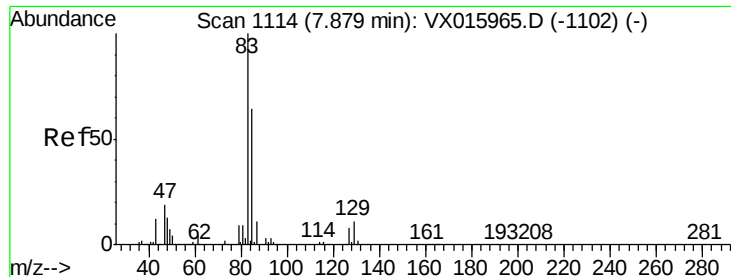
Ion Ratio Lower Upper

93 100

95 82.9 66.1 99.1

174 87.1 68.3 102.5





#47

Bromodichloromethane

Concen: 100.393 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

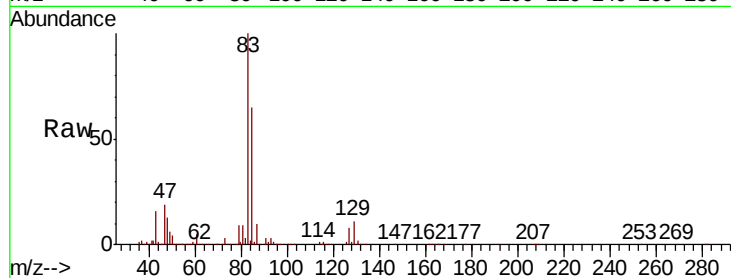
Tot Ion: 83 Resp: 569148

Ion Ratio Lower Upper

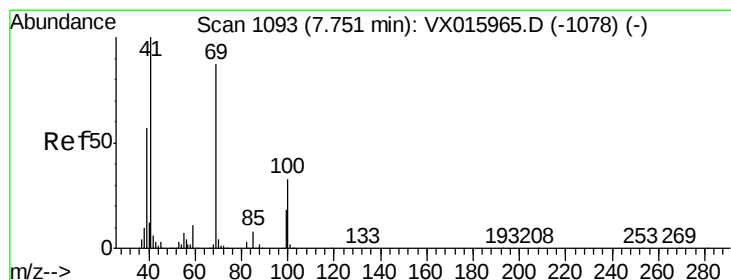
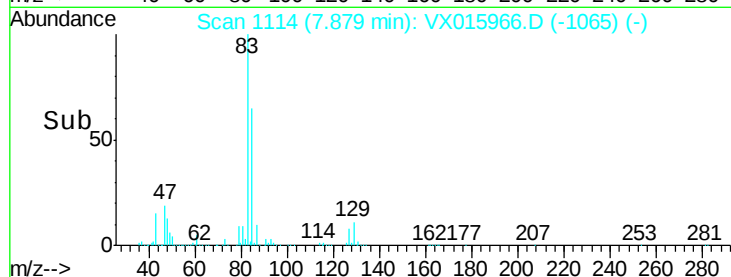
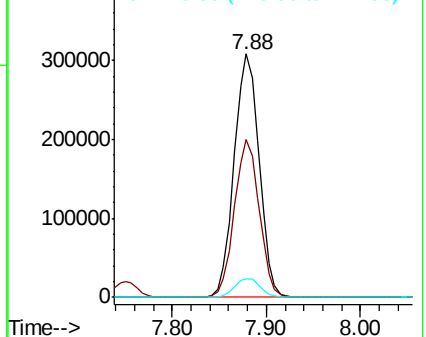
83 100

85 64.6 51.6 77.4

127 7.6 6.2 9.4



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: 102.999 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

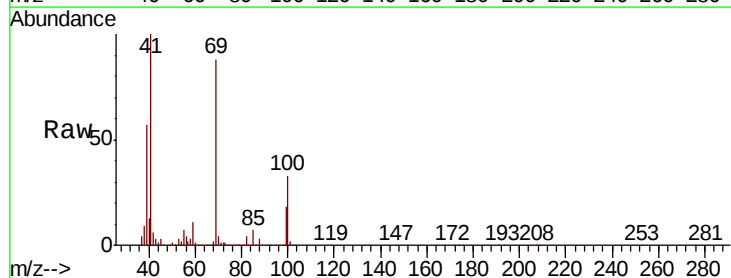
Tgt Ion: 41 Resp: 490331

Ion Ratio Lower Upper

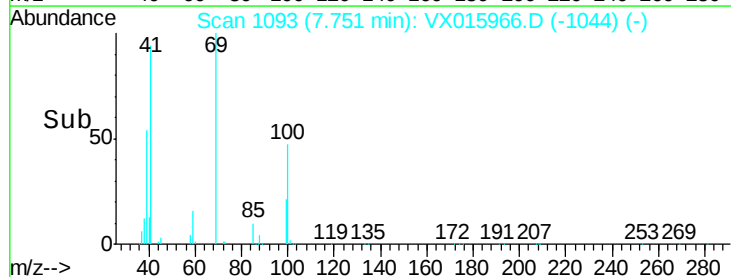
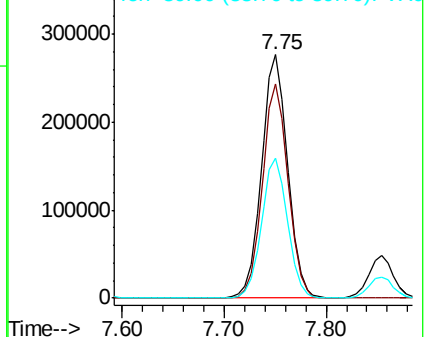
41 100

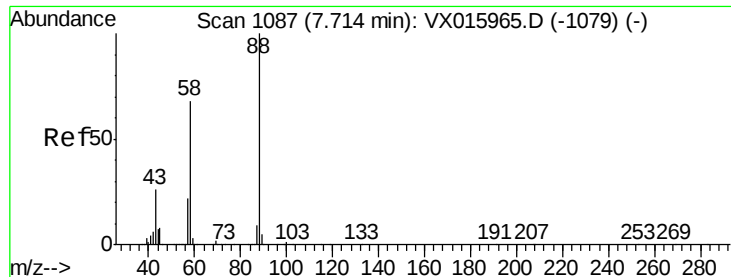
69 86.8 69.0 103.4

39 57.3 46.6 69.8



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: 2066.700 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

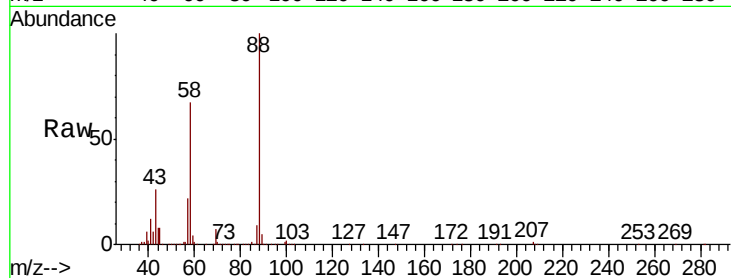
Tot Ion: 88 Resp: 220432

Ion Ratio Lower Upper

88 100

43 31.4 25.1 37.7

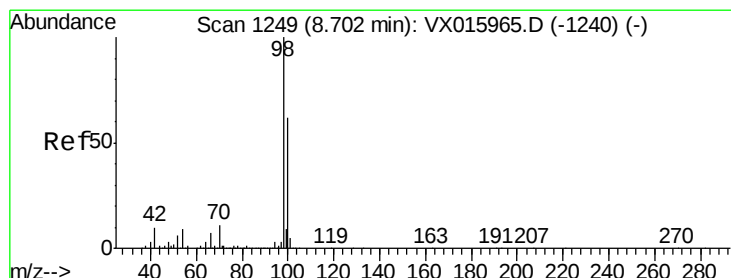
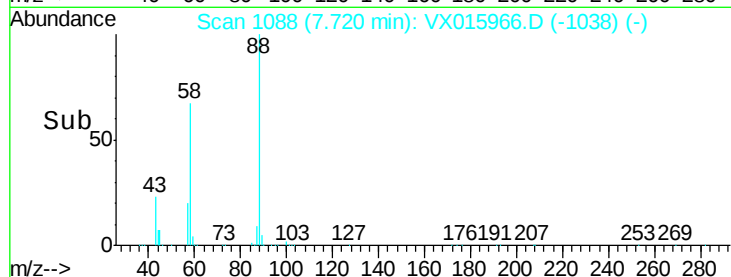
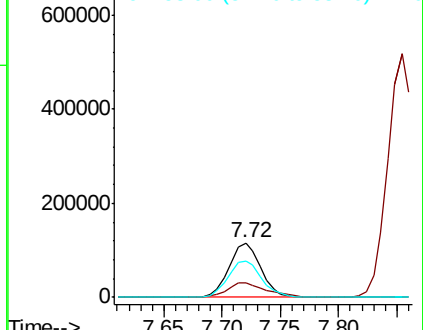
58 70.9 55.4 83.0



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: 102.392 ug/l

RT: 8.70 min Scan# 1249

Delta R.T. -0.00 min

Lab File: VX015966.D

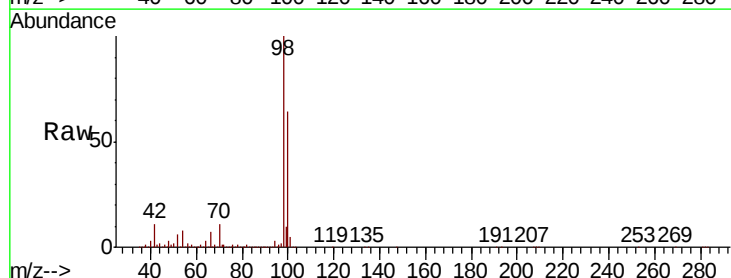
Acq: 28 Apr 2020 12:44

Tgt Ion: 98 Resp: 1334768

Ion Ratio Lower Upper

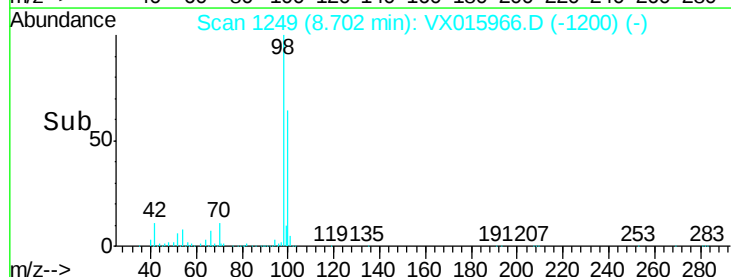
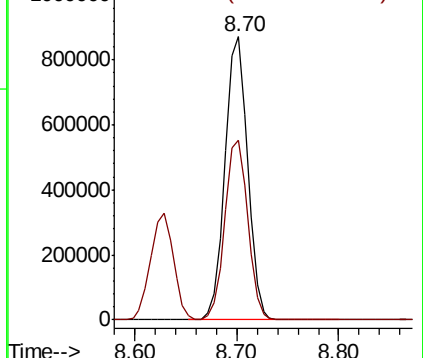
98 100

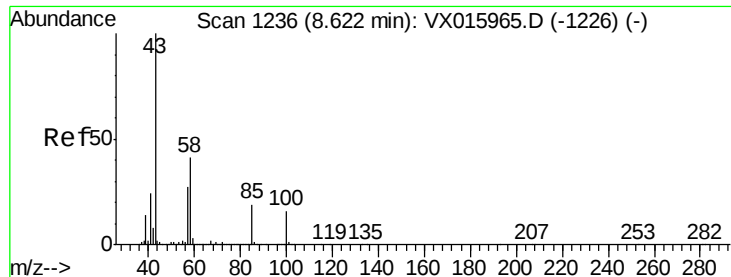
100 64.8 51.8 77.8



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: 514.587 ug/l

RT: 8.63 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

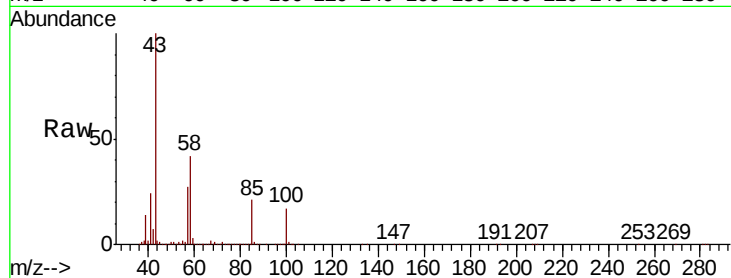
VSTDIC150

Tot Ion: 43 Resp: 3156243

Ion Ratio Lower Upper

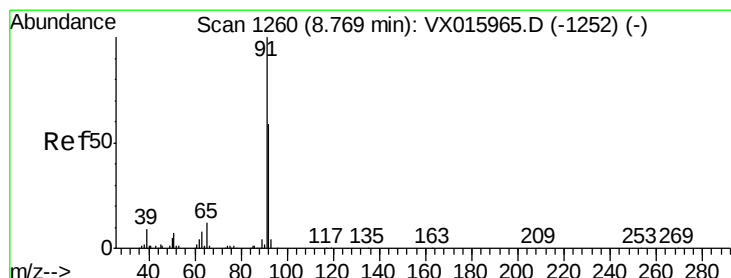
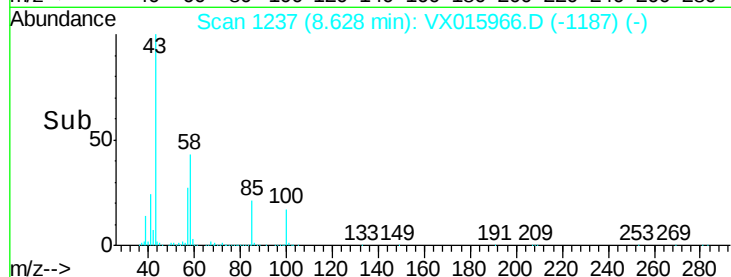
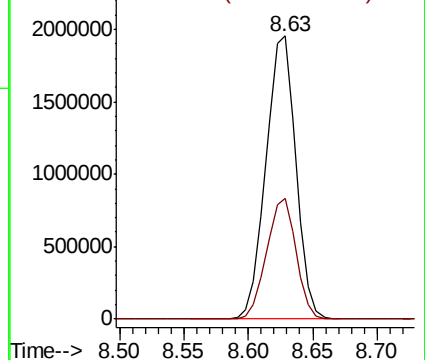
43 100

58 41.9 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 97.952 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX015966.D

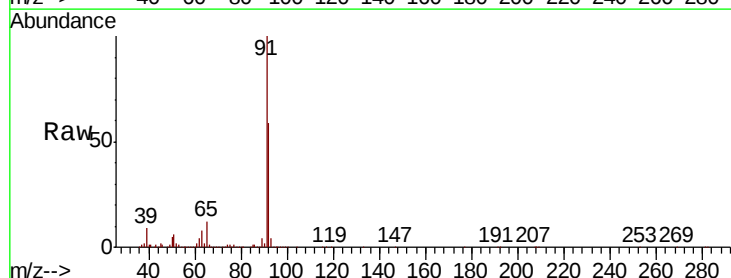
Acq: 28 Apr 2020 12:44

Tgt Ion: 92 Resp: 987737

Ion Ratio Lower Upper

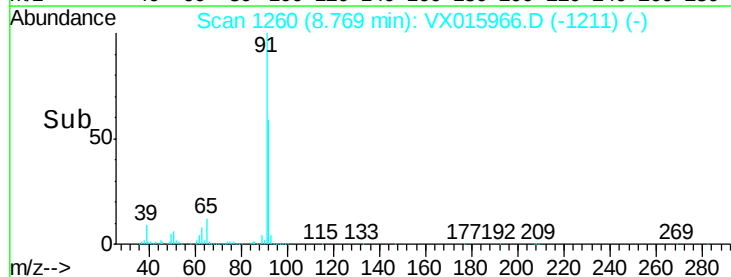
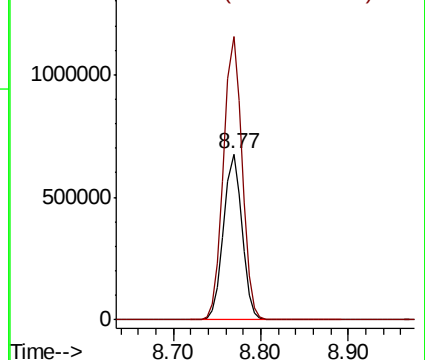
92 100

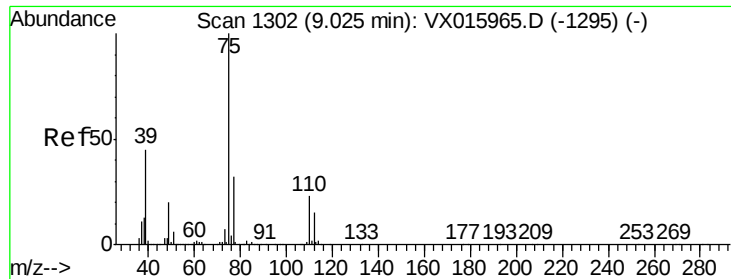
91 171.3 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

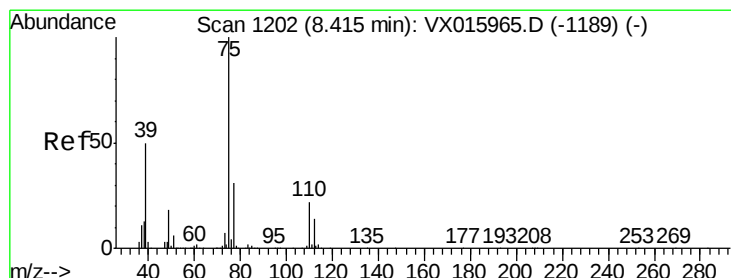
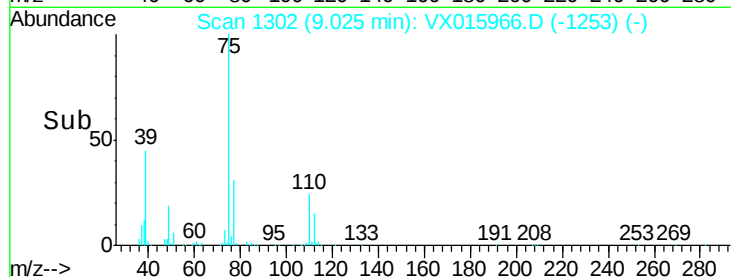
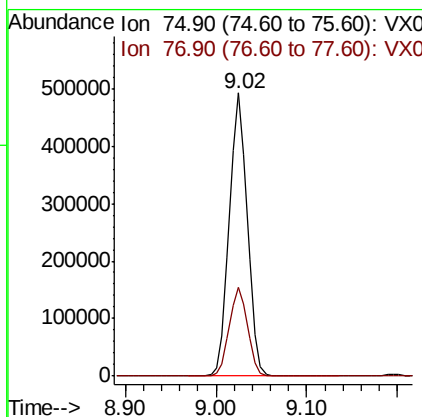
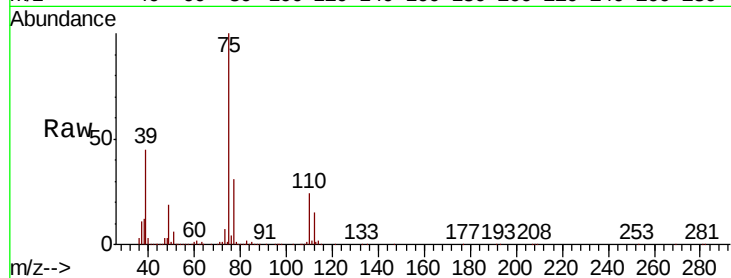




#53
 t-1,3-Dichloropropene
 Concen: 100.156 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX015966.D
 Acq: 28 Apr 2020 12:44

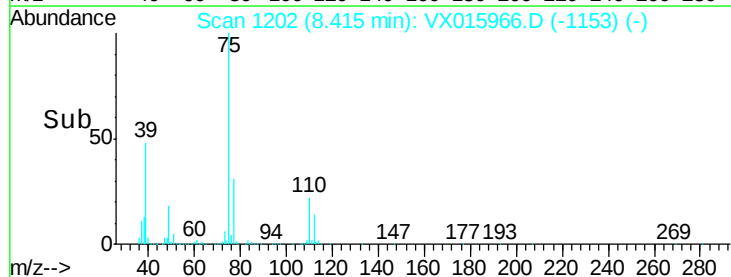
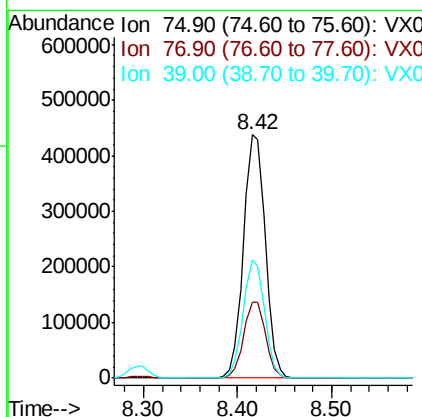
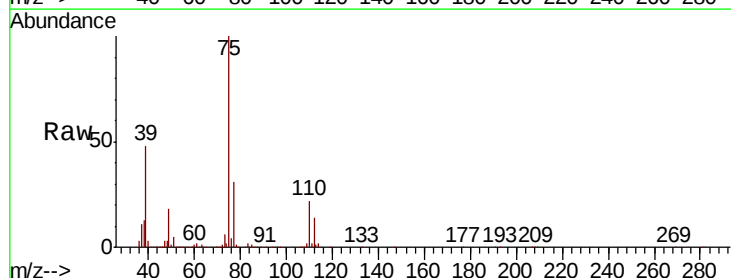
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

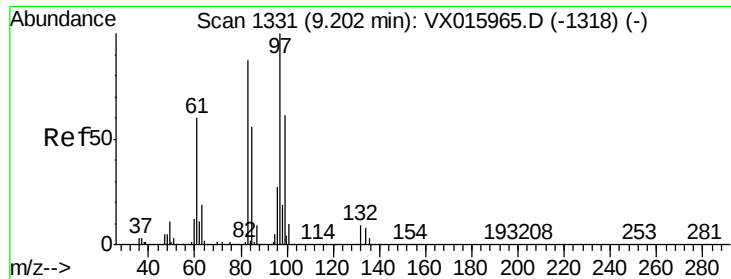
Tot Ion: 75 Resp: 681865
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 99.832 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX015966.D
 Acq: 28 Apr 2020 12:44

Tgt Ion: 75 Resp: 709392
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.2 37.8
 39 48.2 40.2 60.4

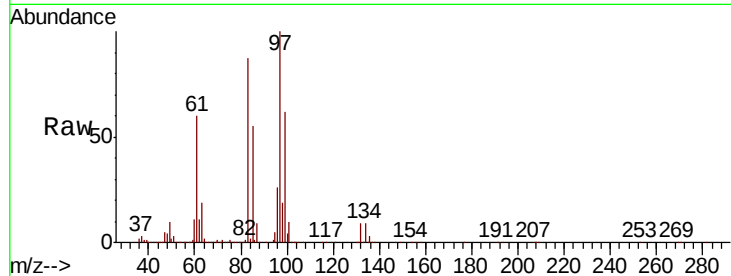




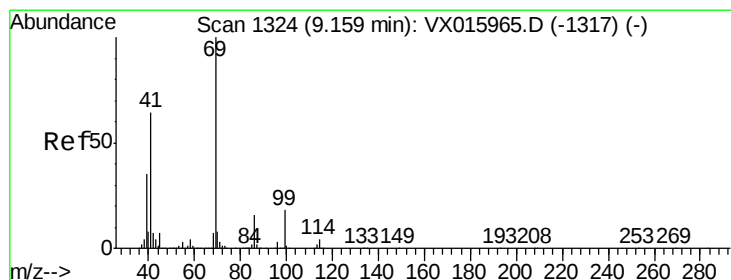
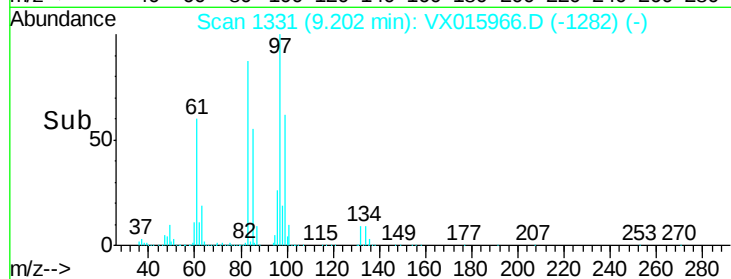
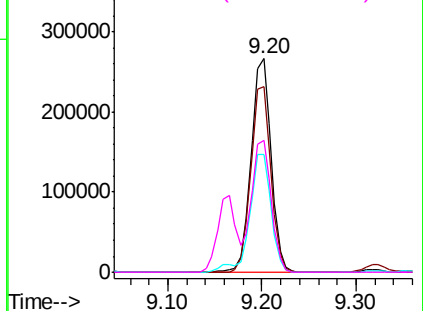
#55
 1,1,2-Trichloroethane
 Concen: 98.574 ug/l
 RT: 9.20 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: VX015966.D
 Acq: 28 Apr 2020 12:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	399258
Ion	Ratio	Lower	Upper
97	100		
83	86.7	69.4	104.0
85	55.4	45.0	67.6
99	61.9	48.6	73.0

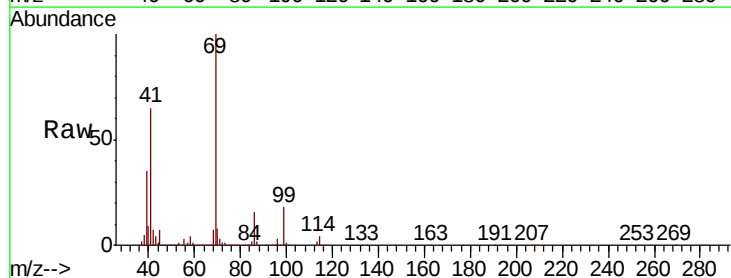


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

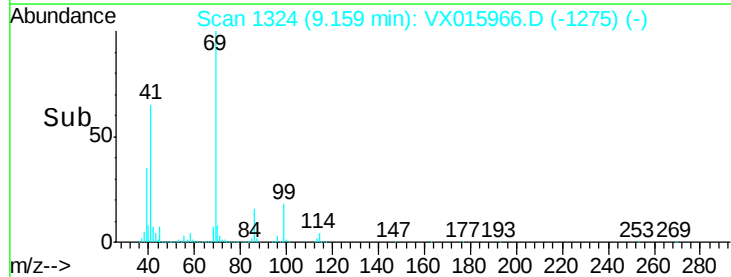
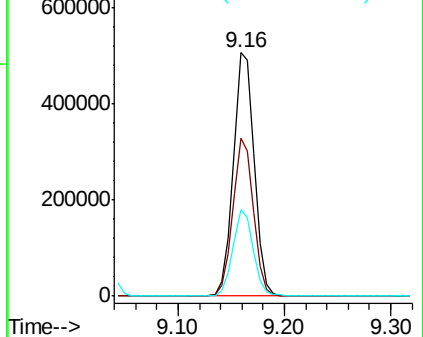


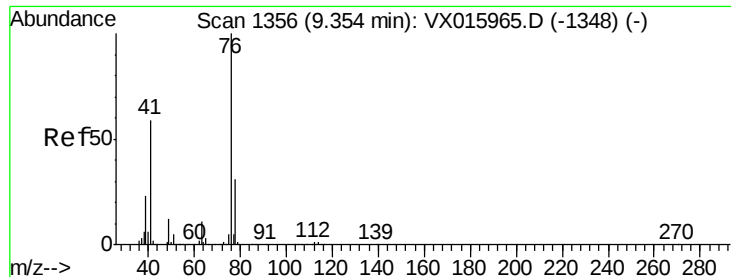
#56
 Ethyl methacrylate
 Concen: 105.315 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX015966.D
 Acq: 28 Apr 2020 12:44

Tgt Ion:	69	Resp:	698658
Ion	Ratio	Lower	Upper
69	100		
41	63.3	51.1	76.7
39	34.9	28.4	42.6



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





#57

1,3-Dichloropropane

Concen: 97.797 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

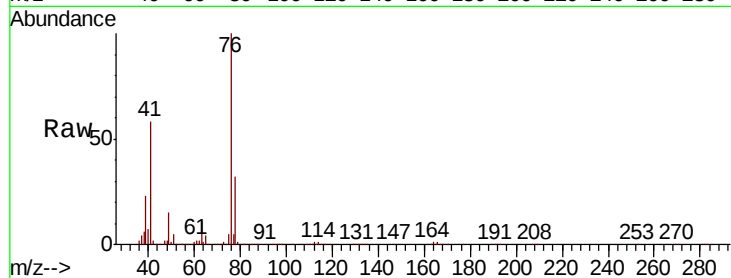
VSTDIC150

Tot Ion: 76 Resp: 685960

Ion Ratio Lower Upper

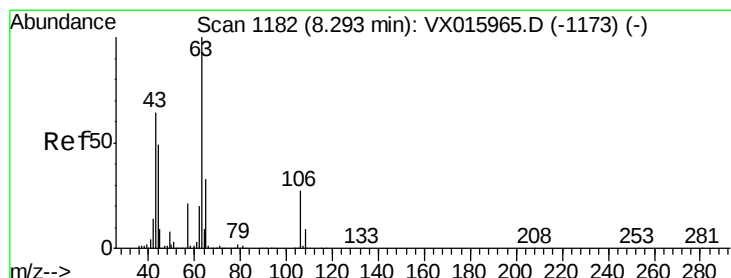
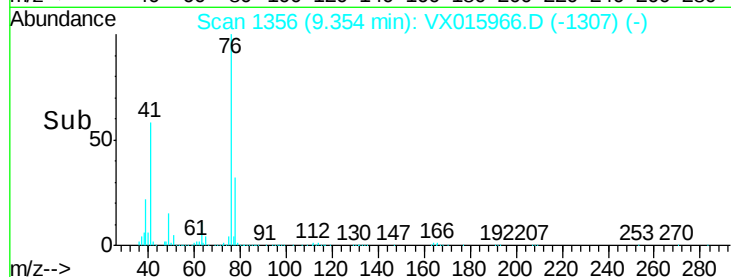
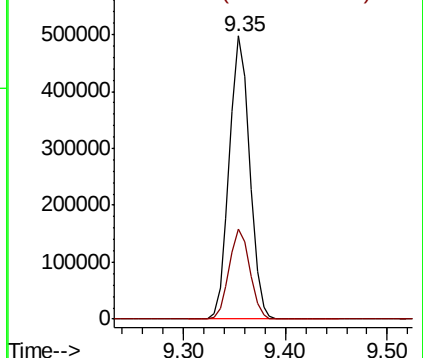
76 100

78 32.3 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 513.187 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX015966.D

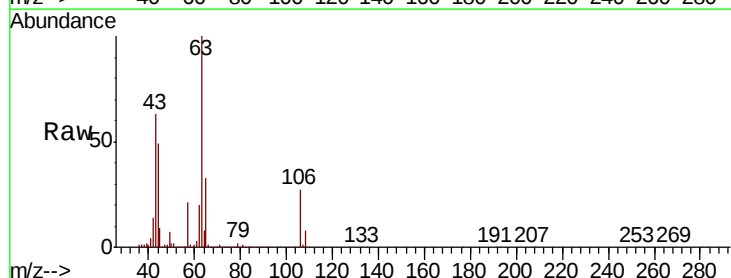
Acq: 28 Apr 2020 12:44

Tgt Ion: 63 Resp: 1741711

Ion Ratio Lower Upper

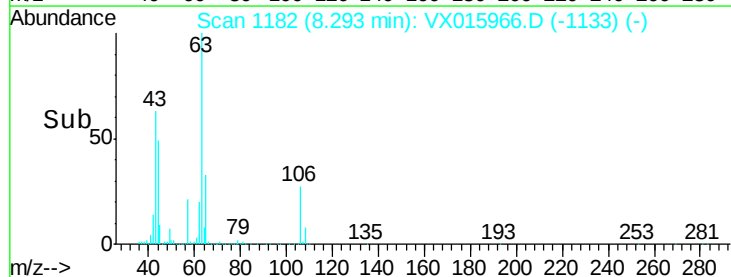
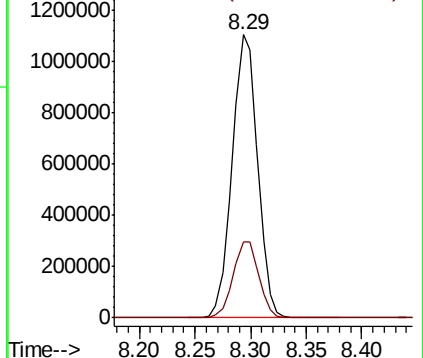
63 100

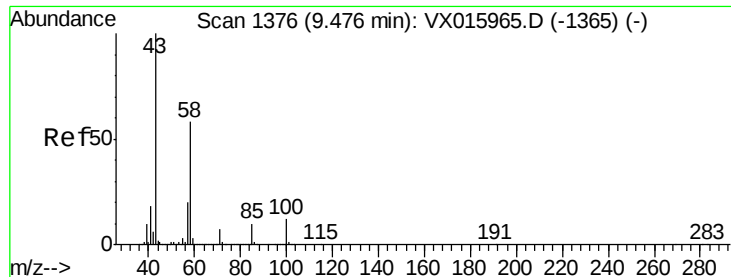
106 27.4 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

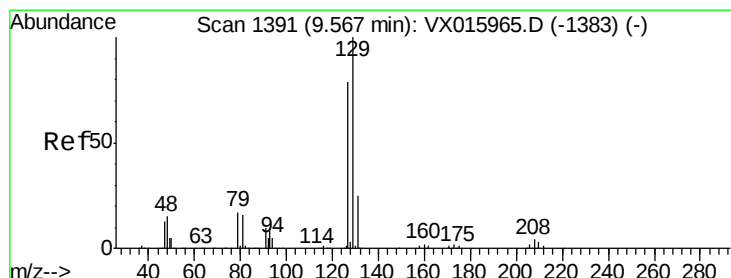
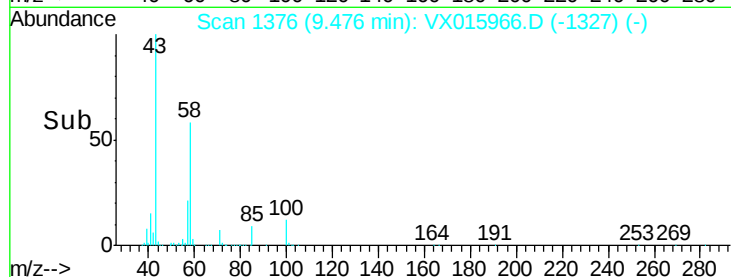
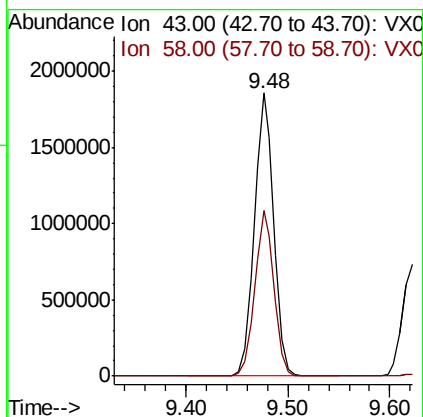
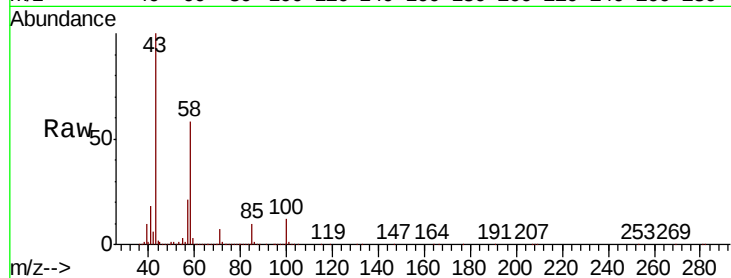




#59
2-Hexanone
Concen: 517.441 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 12:44

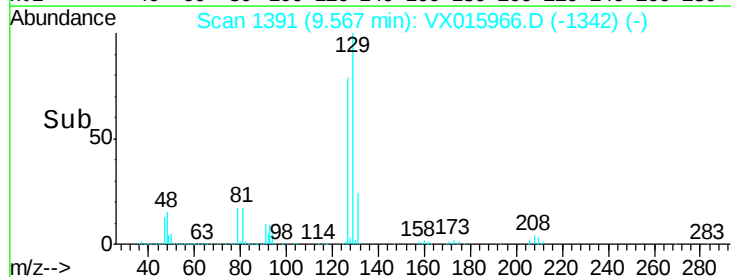
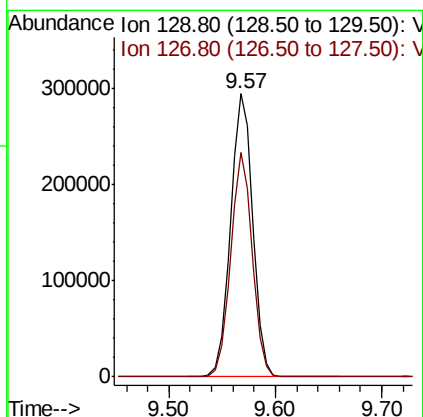
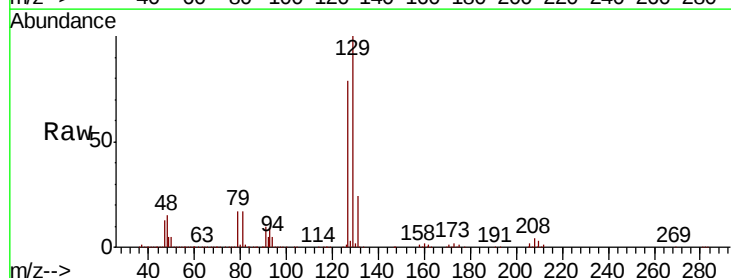
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

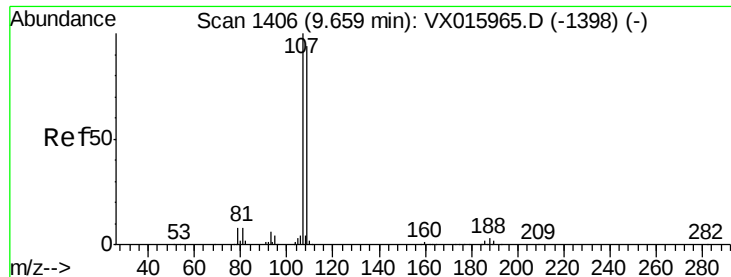
Tot Ion: 43 Resp: 2473170
Ion Ratio Lower Upper
43 100
58 57.9 28.6 85.8



#60
Dibromochloromethane
Concen: 104.632 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 12:44

Tgt Ion:129 Resp: 428471
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0





#61

1,2-Dibromoethane

Concen: 101.230 ug/l

RT: 9.66 min Scan# 1406

Delta R.T. -0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

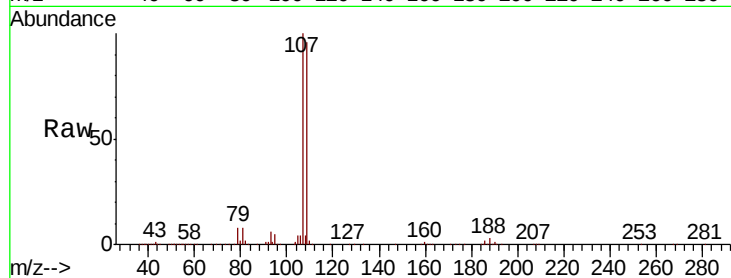
VSTDIC150

Tot Ion:107 Resp: 427997

Ion Ratio Lower Upper

107 100

109 93.8 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.66

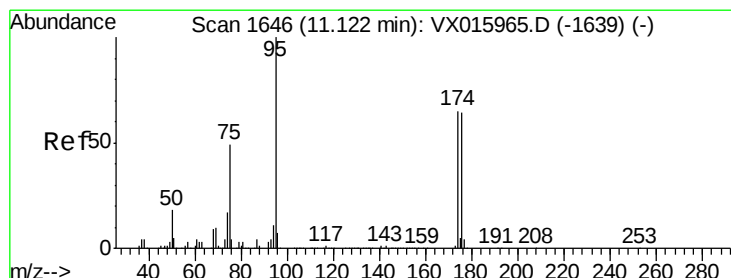
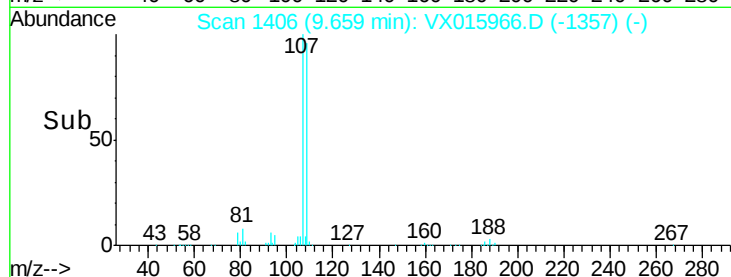
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 104.640 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

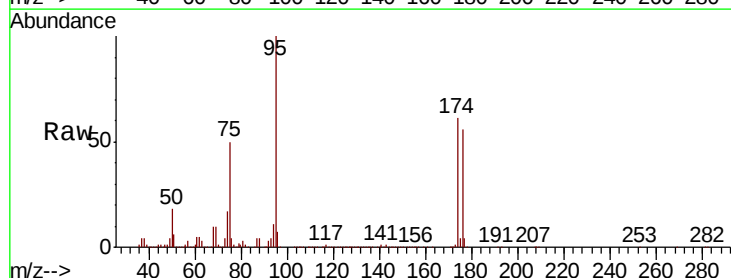
Tgt Ion: 95 Resp: 535545

Ion Ratio Lower Upper

95 100

174 65.4 0.0 133.6

176 61.0 0.0 130.4



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

600000

500000

400000

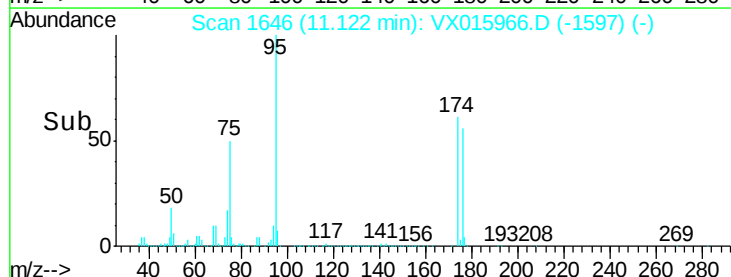
300000

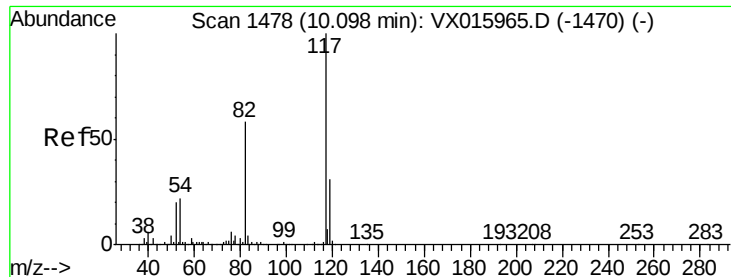
200000

100000

0

Time-->

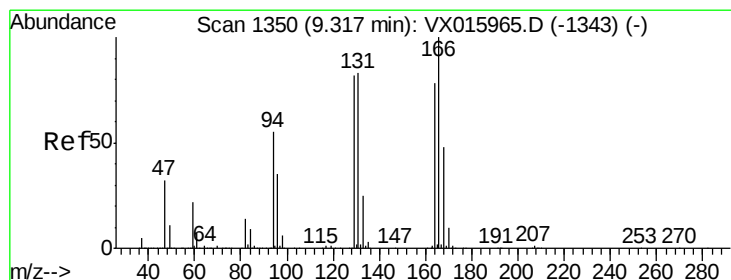
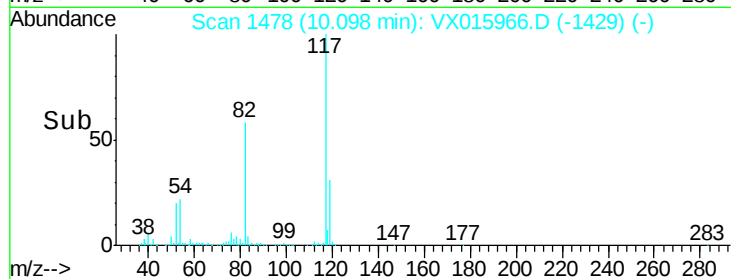
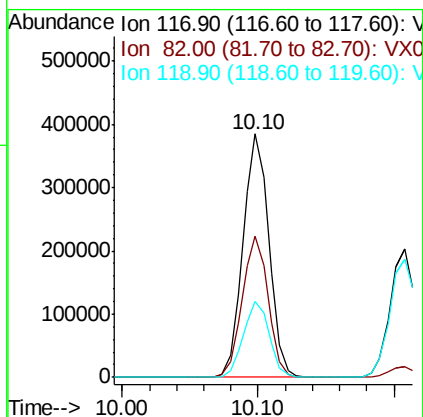
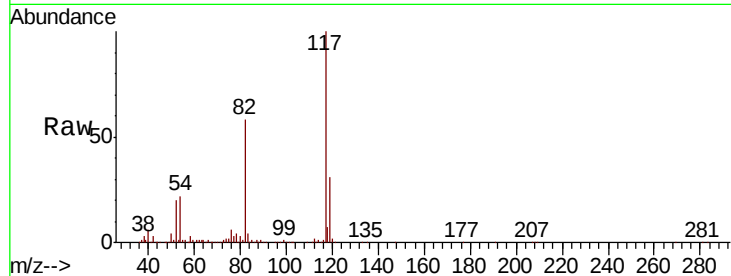




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 12:44

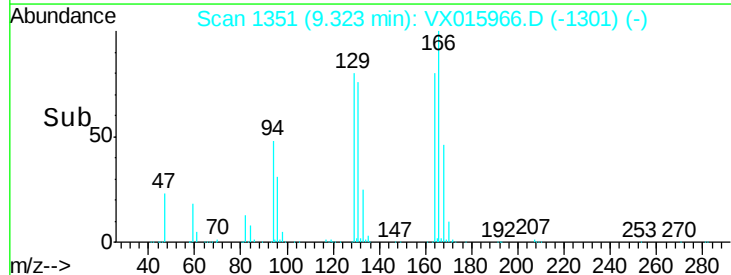
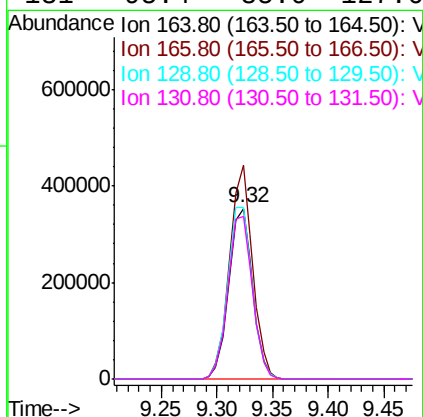
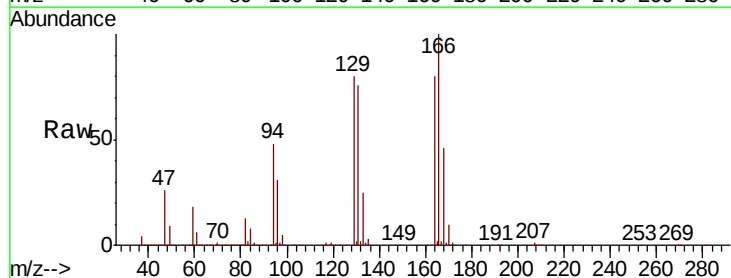
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

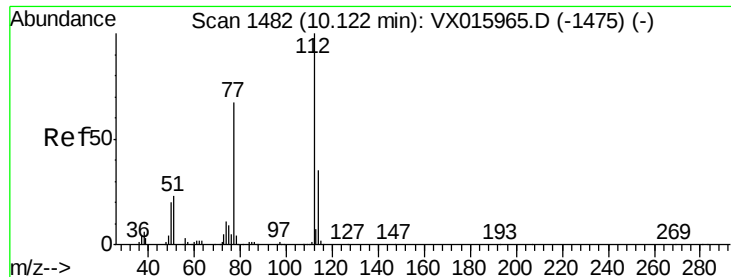
Tot Ion:117 Resp: 509682
Ion Ratio Lower Upper
117 100
82 58.2 46.6 70.0
119 31.3 25.2 37.8



#64
Tetrachloroethene
Concen: 93.621 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX015966.D
Acq: 28 Apr 2020 12:44

Tgt Ion:164 Resp: 520390
Ion Ratio Lower Upper
164 100
166 125.4 102.0 153.0
129 100.4 83.6 125.4
131 95.4 85.0 127.6

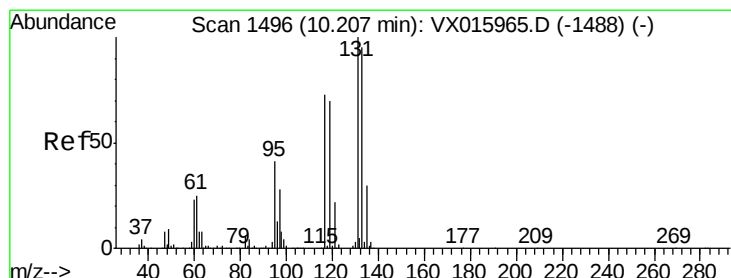
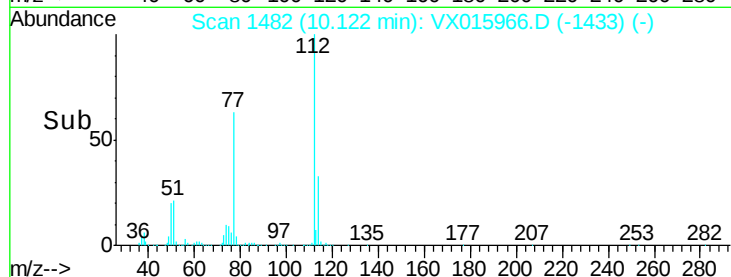
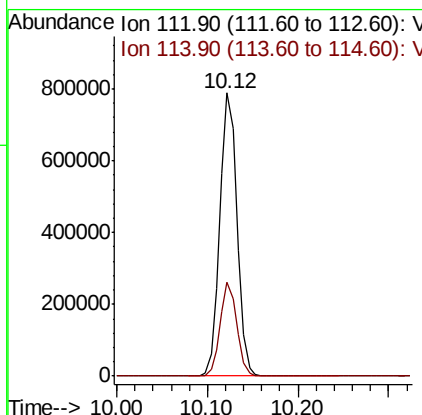
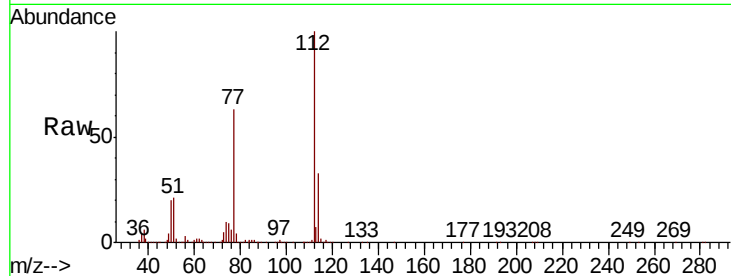




#65
Chlorobenzene
Concen: 97.071 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 12:44

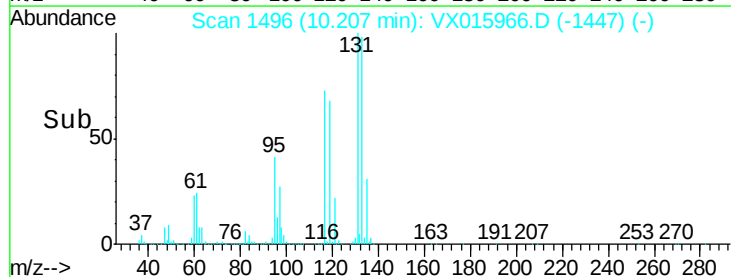
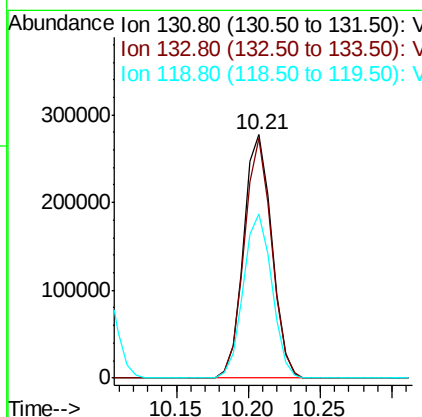
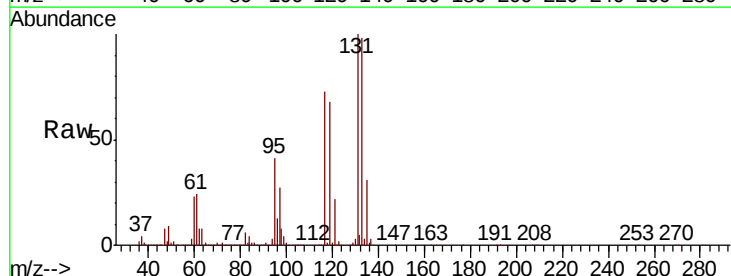
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

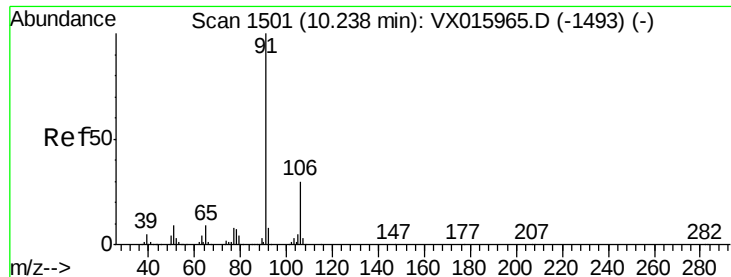
Tot Ion:112 Resp: 1045701
Ion Ratio Lower Upper
112 100
114 33.3 27.8 41.6



#66
1,1,1,2-Tetrachloroethane
Concen: 97.403 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 12:44

Tgt Ion:131 Resp: 376043
Ion Ratio Lower Upper
131 100
133 95.5 46.8 140.3
119 68.3 33.9 101.7





#67

Ethyl Benzene

Concen: 97.263 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

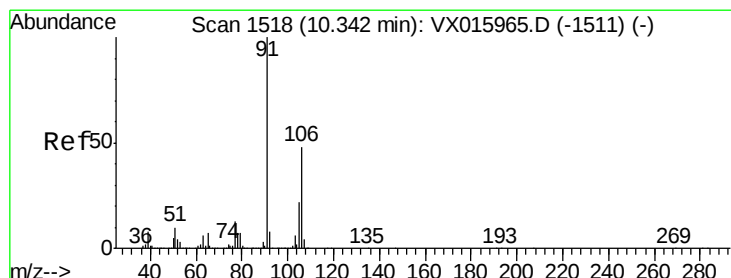
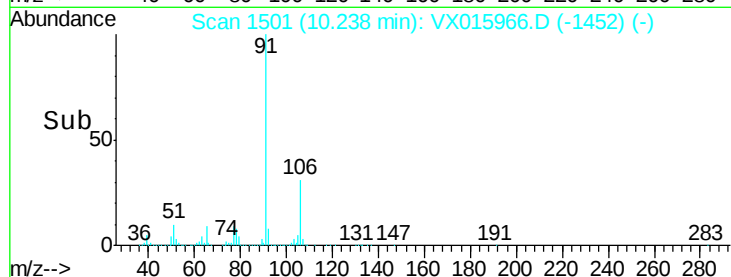
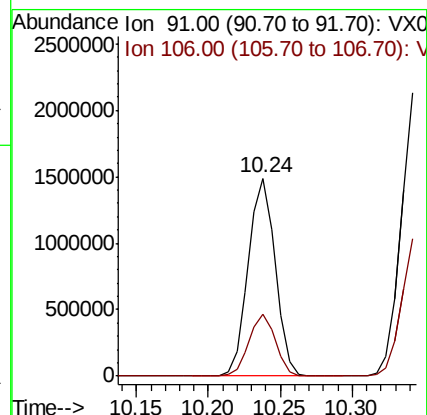
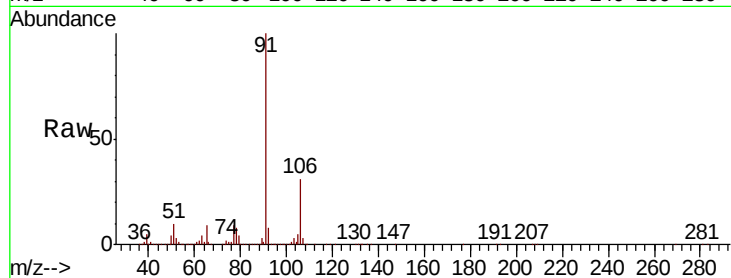
VSTDIC150

Tot Ion: 91 Resp: 1926559

Ion Ratio Lower Upper

91 100

106 31.3 24.4 36.6



#68

m/p-Xylenes

Concen: 192.353 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX015966.D

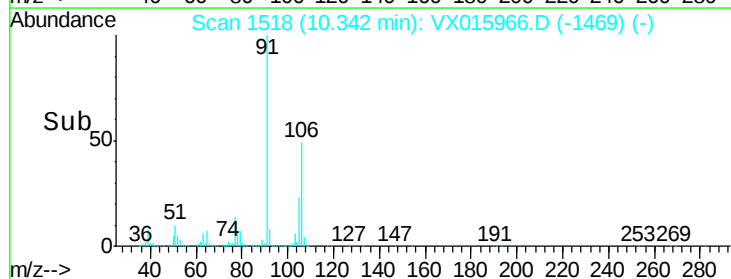
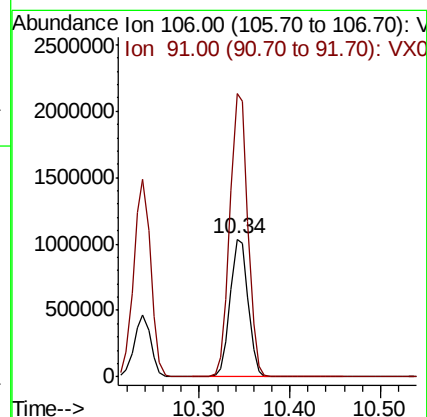
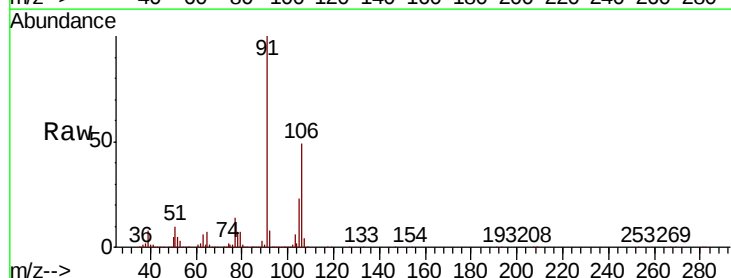
Acq: 28 Apr 2020 12:44

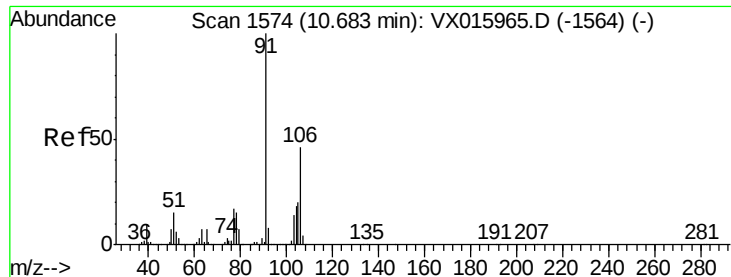
Tgt Ion: 106 Resp: 1421914

Ion Ratio Lower Upper

106 100

91 206.9 166.6 250.0

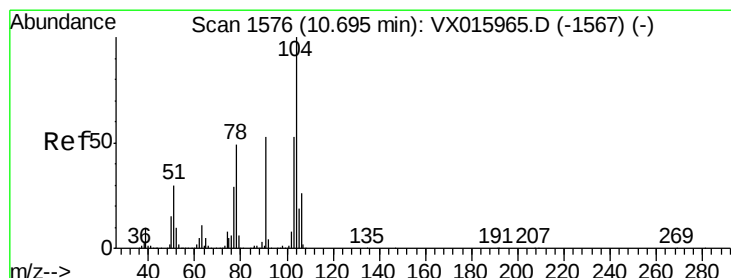
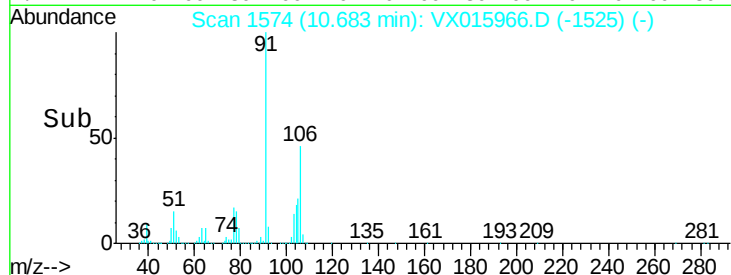
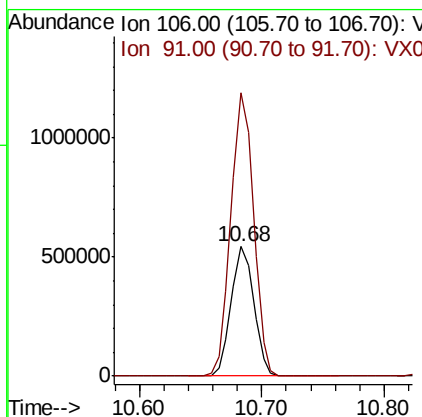
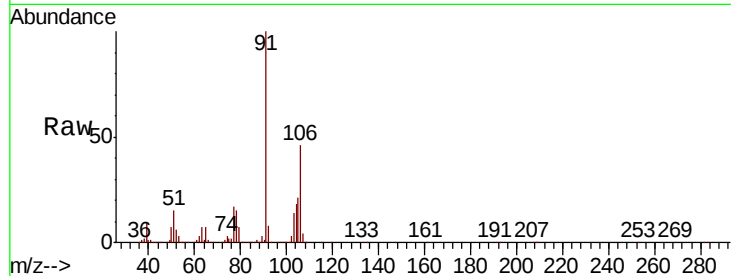




#69
o-Xylene
Concen: 97.708 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 12:44

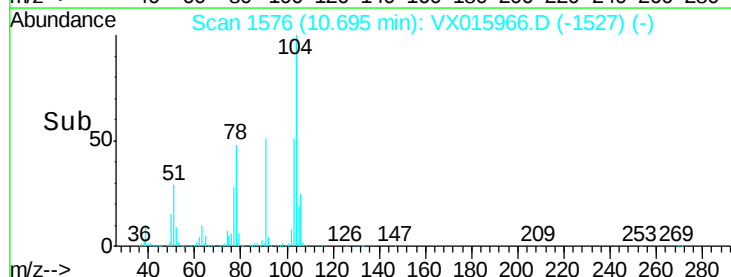
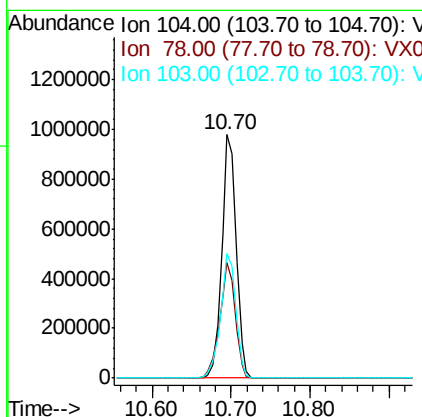
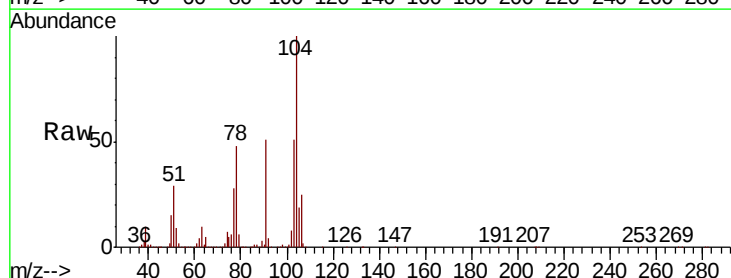
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

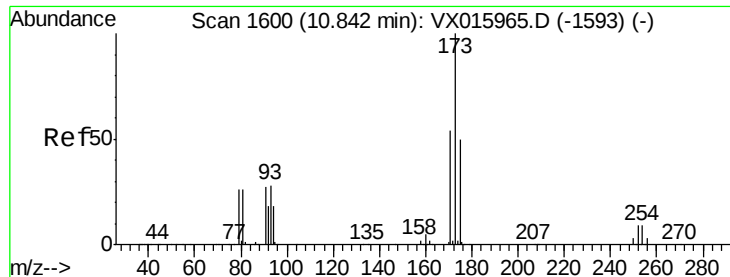
Tot Ion:106 Resp: 697011
Ion Ratio Lower Upper
106 100
91 218.8 109.8 329.4



#70
Styrene
Concen: 102.647 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 12:44

Tgt Ion:104 Resp: 1238343
Ion Ratio Lower Upper
104 100
78 51.2 41.5 62.3
103 54.8 44.2 66.2





#71

Bromoform

Concen: 107.766 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

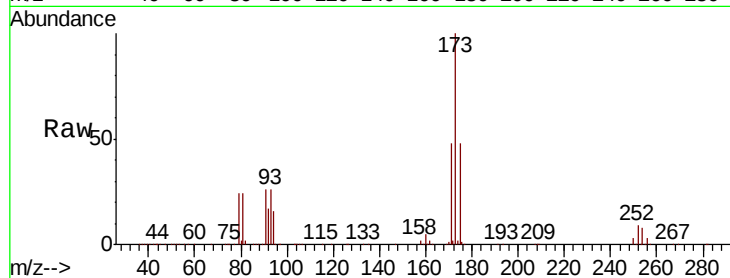
Tot Ion:173 Resp: 294446

Ion Ratio Lower Upper

173 100

175 49.1 23.6 71.0

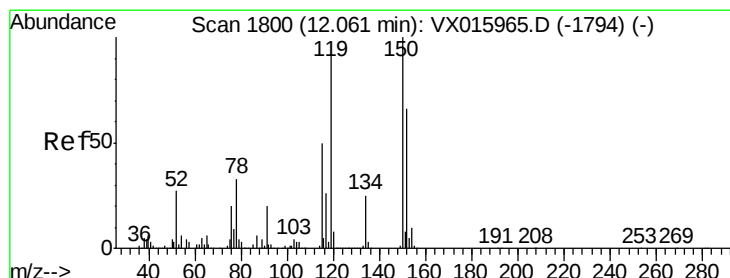
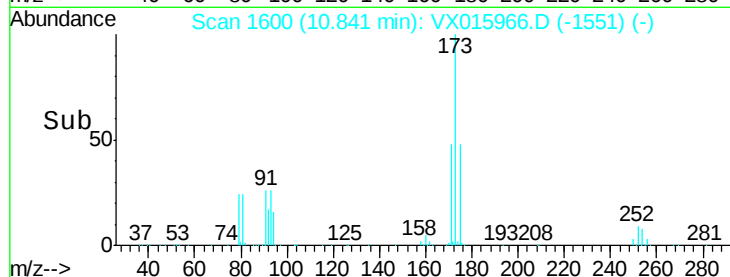
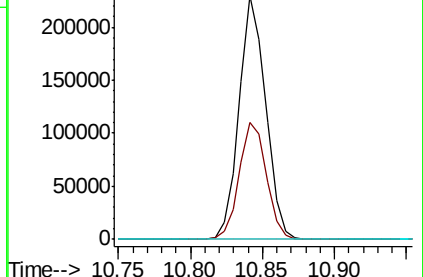
254 0.1 0.1 0.1#



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: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

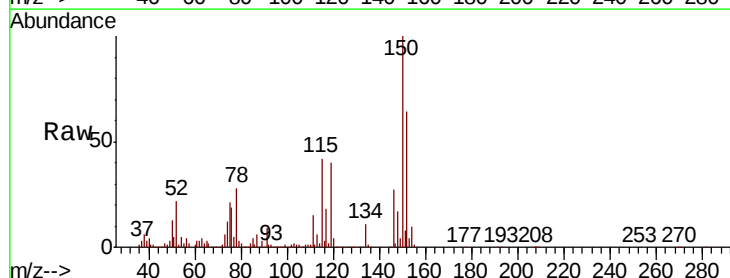
Tgt Ion:152 Resp: 237146

Ion Ratio Lower Upper

152 100

115 116.0 45.2 135.6

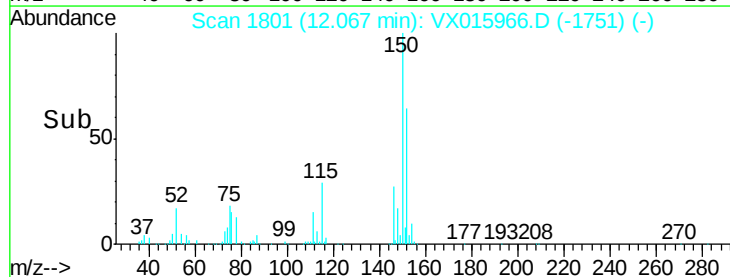
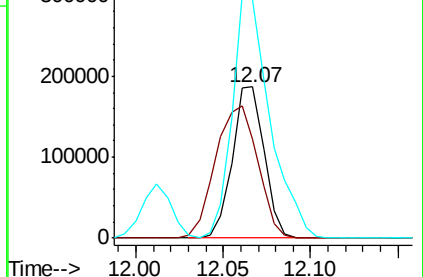
150 189.8 0.0 354.6

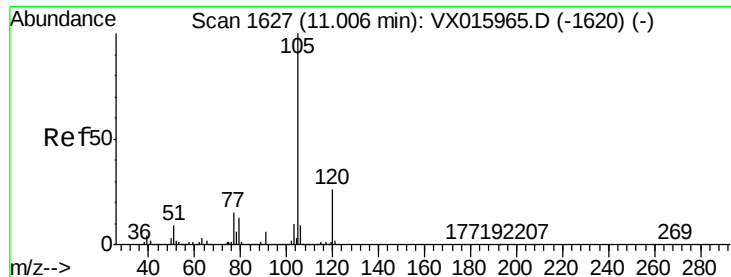


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 98.539 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

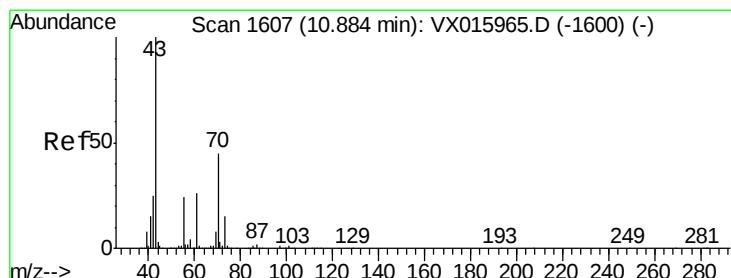
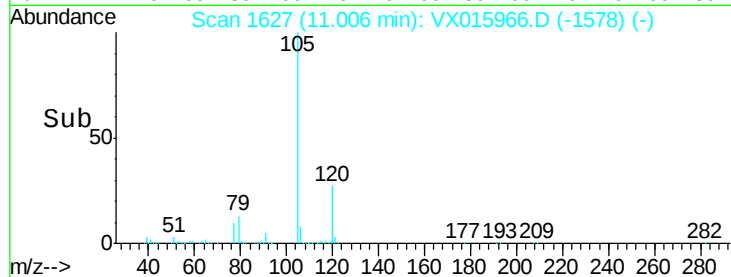
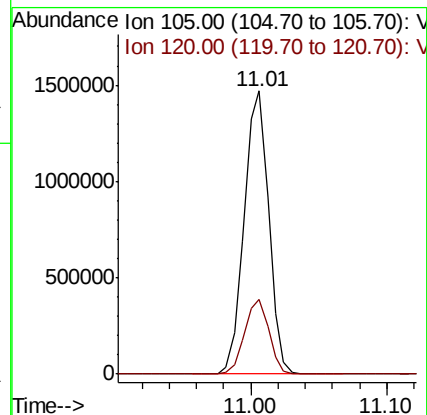
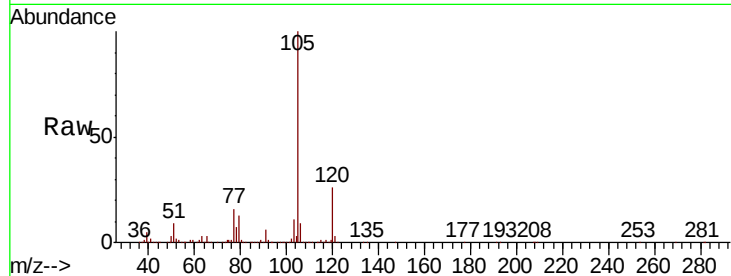
VSTDIC150

Tot Ion:105 Resp: 1843179

Ion Ratio Lower Upper

105 100

120 26.1 12.9 38.7



#74

N-ethyl acetate

Concen: 103.795 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

Tgt Ion: 43 Resp: 914351

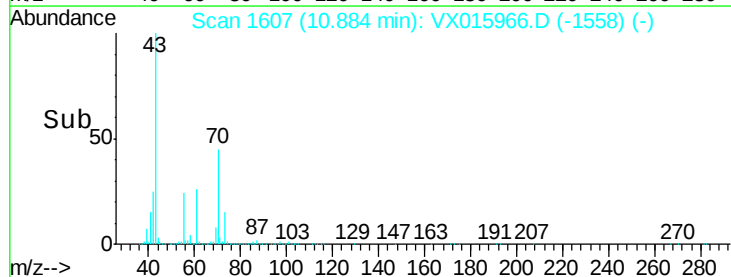
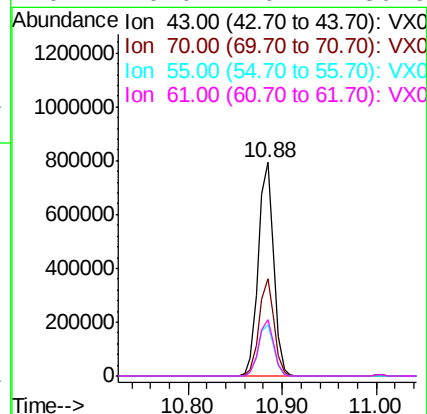
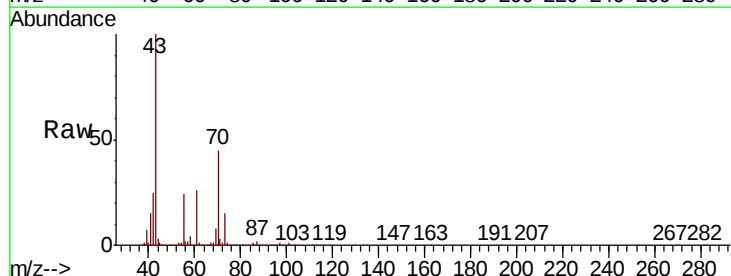
Ion Ratio Lower Upper

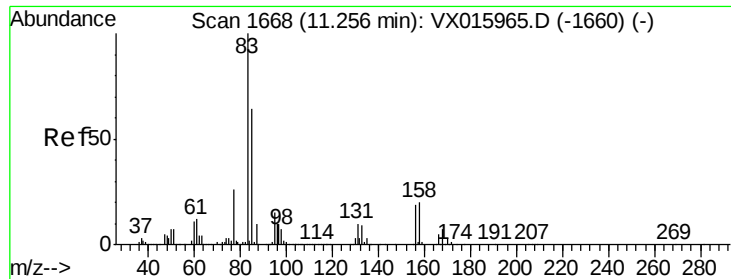
43 100

70 44.4 35.6 53.4

55 24.4 19.5 29.3

61 26.0 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 122.583 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

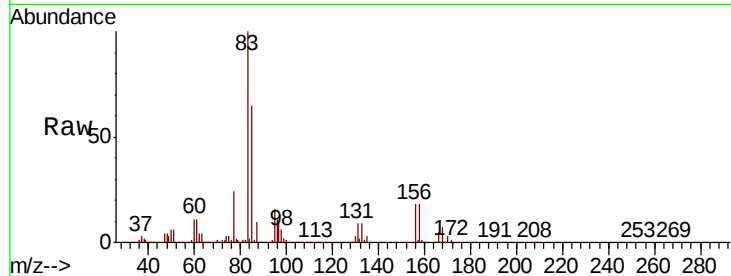
Tot Ion: 83 Resp: 443146

Ion Ratio Lower Upper

83 100

131 9.4 4.7 14.1

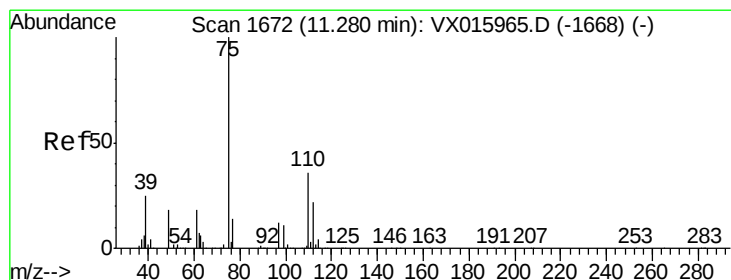
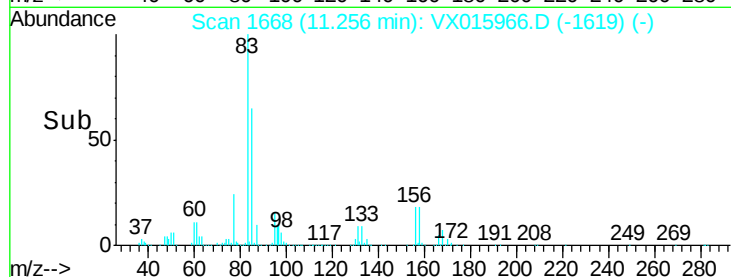
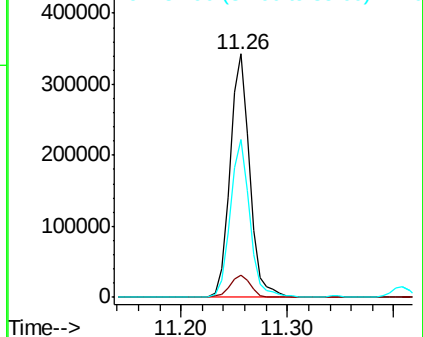
85 64.7 32.5 97.4



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: 139.821 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX015966.D

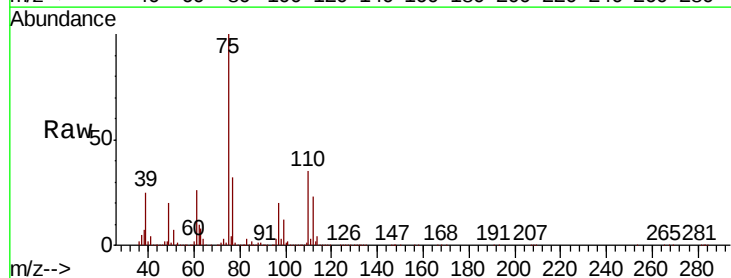
Acq: 28 Apr 2020 12:44

Tgt Ion: 75 Resp: 831306

Ion Ratio Lower Upper

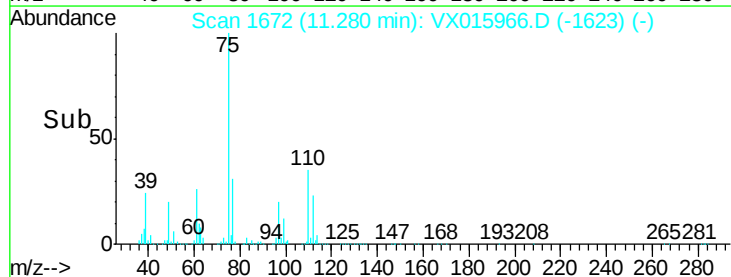
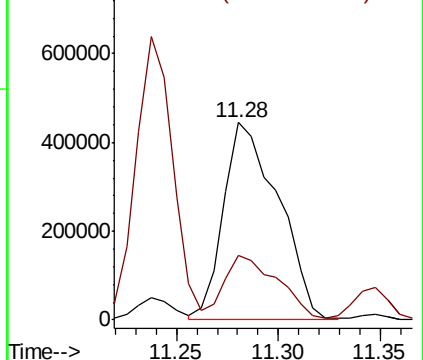
75 100

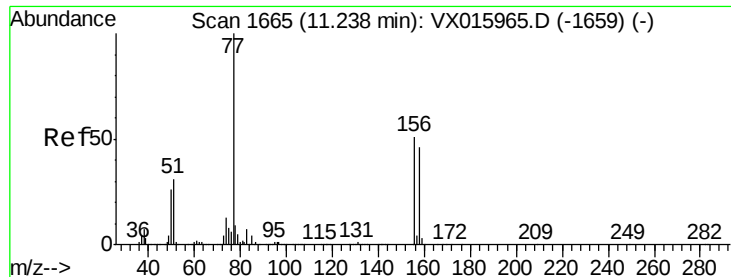
77 31.9 22.0 66.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 102.239 ug/l

RT: 11.24 min Scan# 1666

Delta R.T. 0.01 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

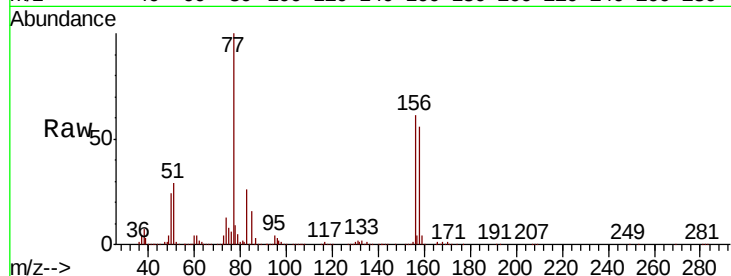
Tot Ion:156 Resp: 429338

Ion Ratio Lower Upper

156 100

77 186.9 93.8 281.3

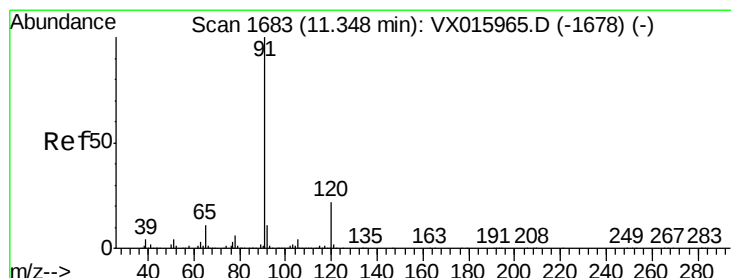
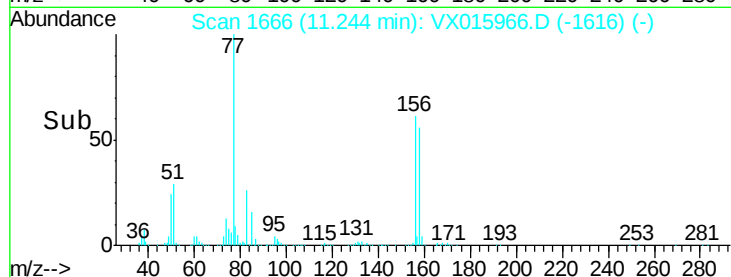
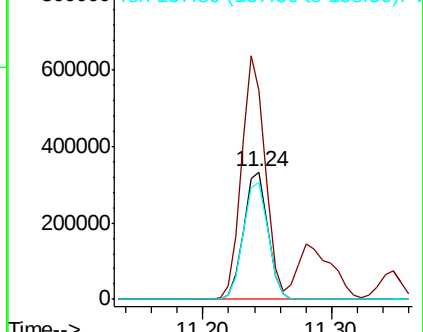
158 94.2 47.5 142.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 99.163 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX015966.D

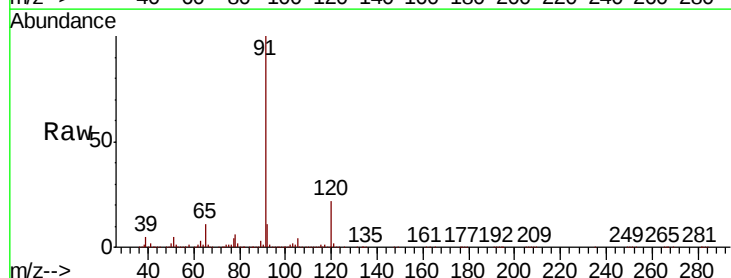
Acq: 28 Apr 2020 12:44

Tgt Ion: 91 Resp: 2200111

Ion Ratio Lower Upper

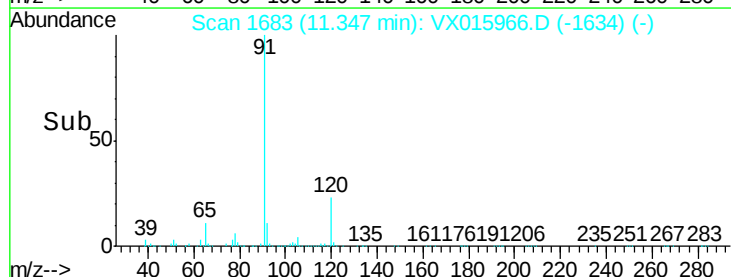
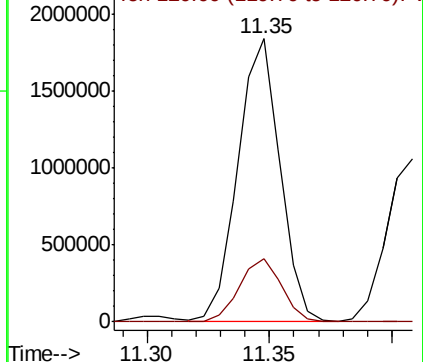
91 100

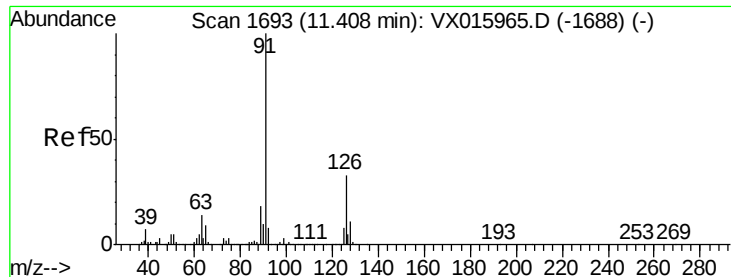
120 22.4 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 100.983 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

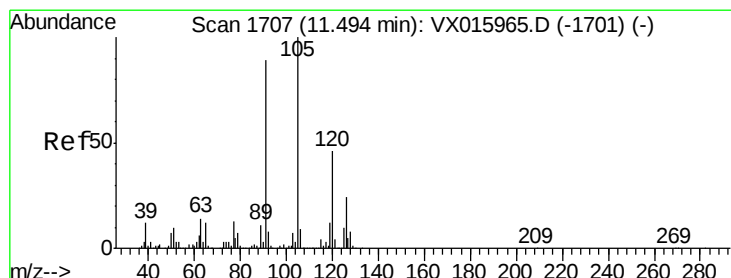
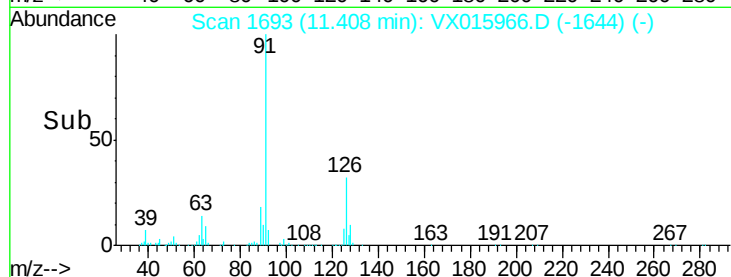
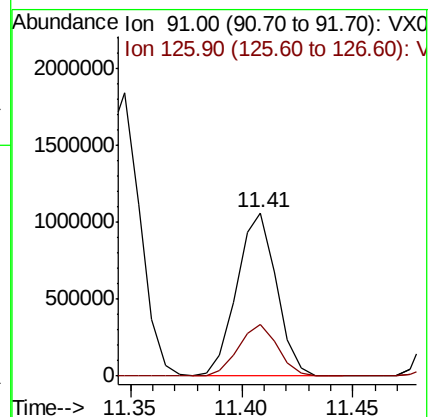
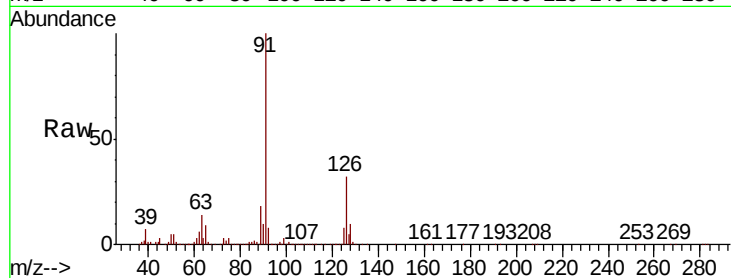
VSTDIC150

Tot Ion: 91 Resp: 1316206

Ion Ratio Lower Upper

91 100

126 31.5 16.0 47.9



#80

1,3,5-Trimethylbenzene

Concen: 100.922 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX015966.D

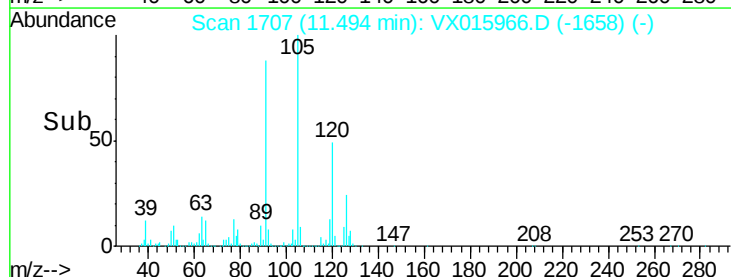
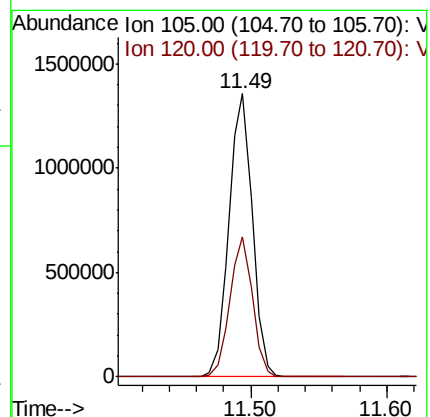
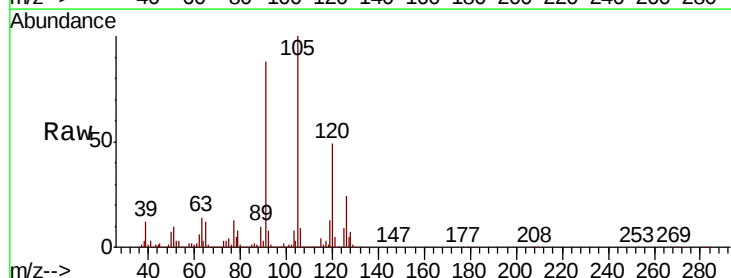
Acq: 28 Apr 2020 12:44

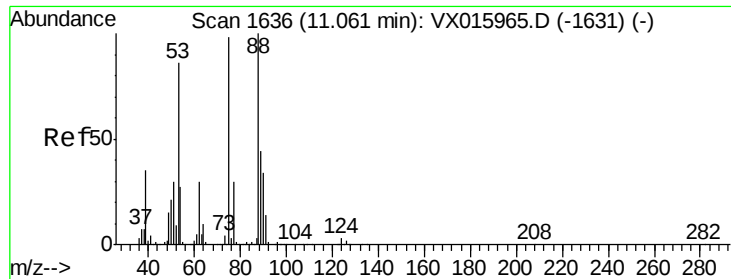
Tgt Ion:105 Resp: 1608697

Ion Ratio Lower Upper

105 100

120 48.1 23.4 70.2

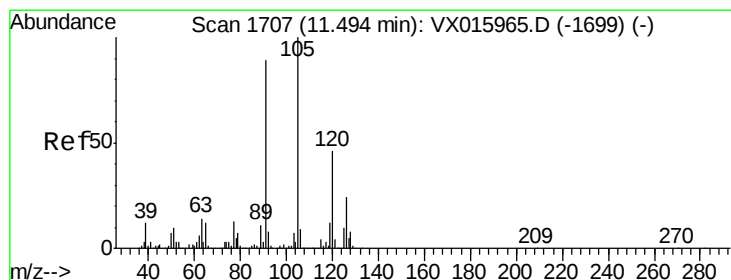
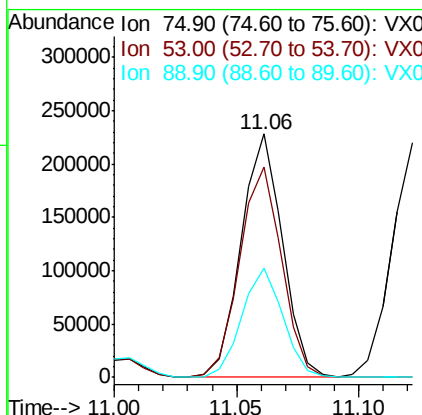
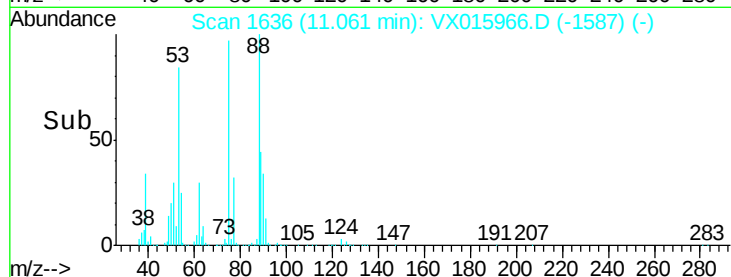
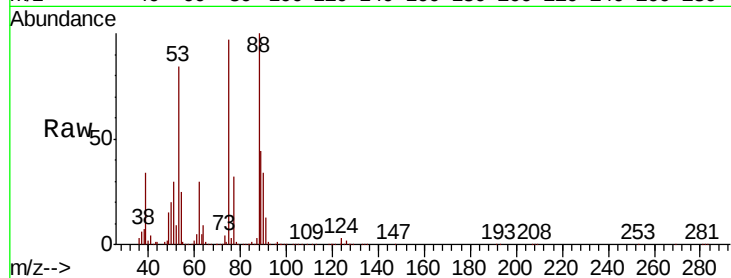




#81
trans-1,4-Dichloro-2-butene
Concen: 104.438 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 12:44

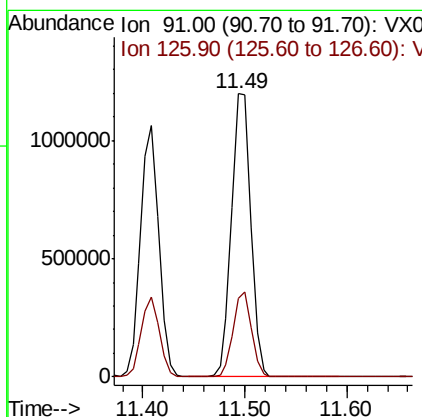
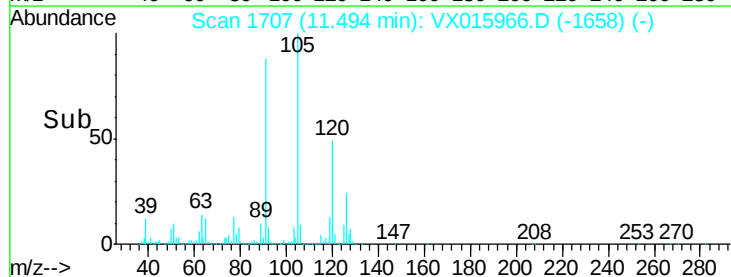
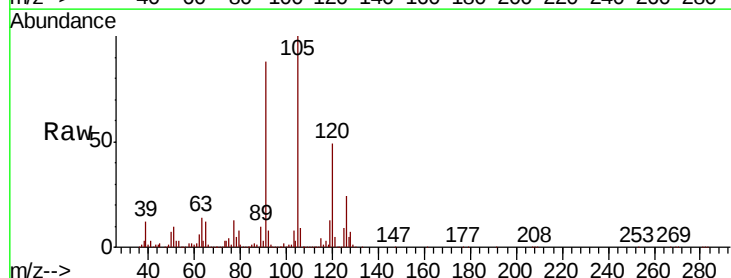
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

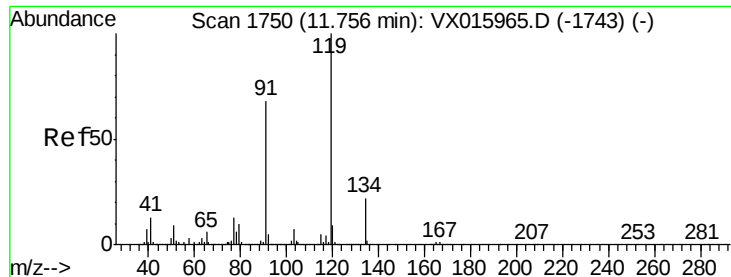
Tot Ion: 75 Resp: 268211
Ion Ratio Lower Upper
75 100
53 87.9 71.4 107.0
89 44.9 36.2 54.4



#82
4-Chlorotoluene
Concen: 100.410 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX015966.D
Acq: 28 Apr 2020 12:44

Tgt Ion: 91 Resp: 1558247
Ion Ratio Lower Upper
91 100
126 28.3 14.1 42.2





#83

tert-Butylbenzene

Concen: 99.864 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

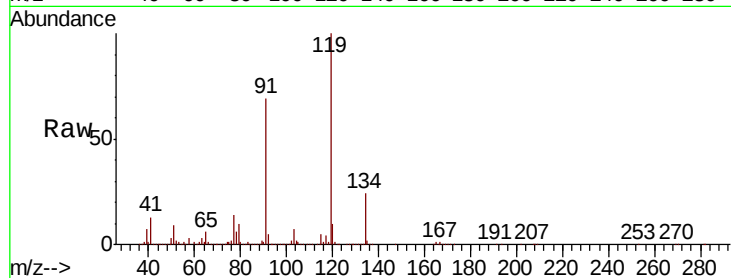
Tot Ion:119 Resp: 1335143

Ion Ratio Lower Upper

119 100

91 70.0 34.9 104.7

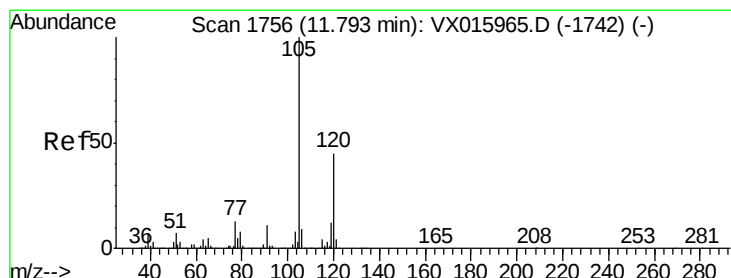
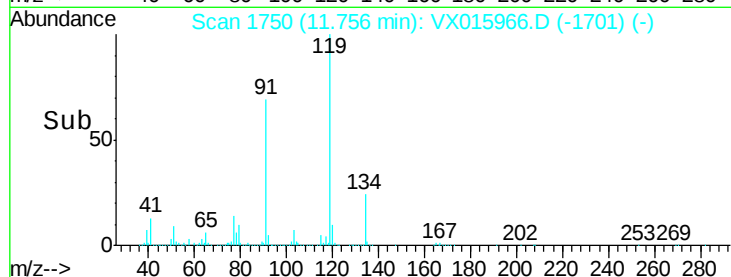
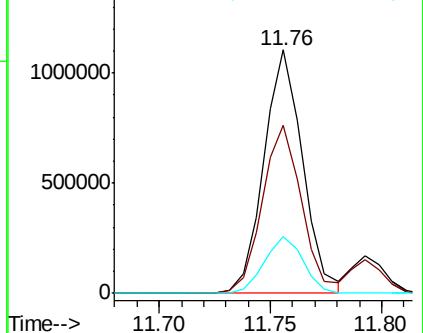
134 23.4 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 101.287 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX015966.D

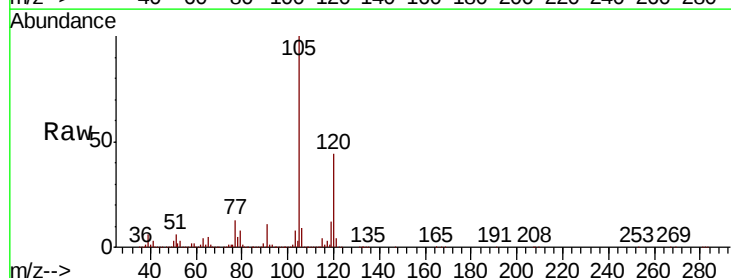
Acq: 28 Apr 2020 12:44

Tgt Ion:105 Resp: 1629746

Ion Ratio Lower Upper

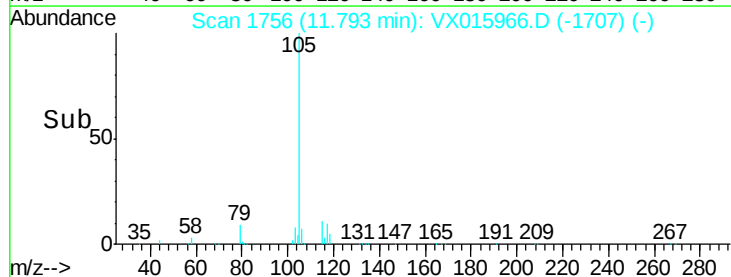
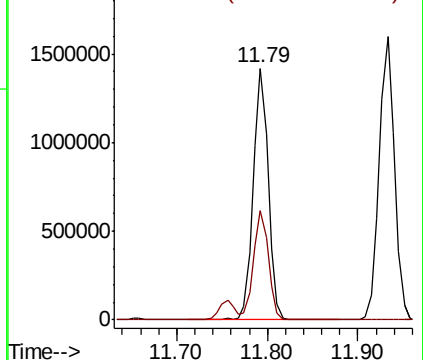
105 100

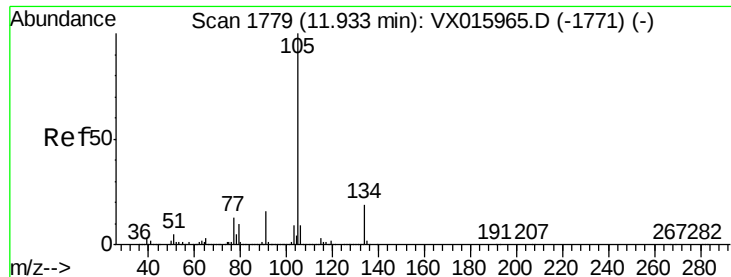
120 43.4 21.9 65.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

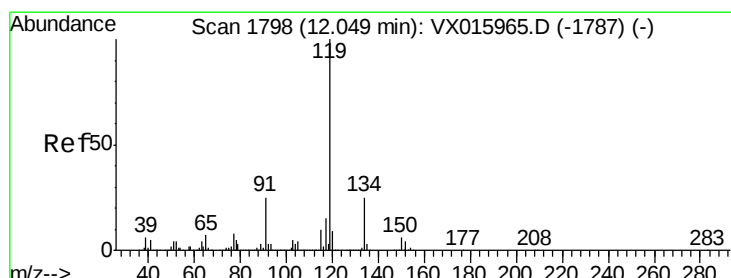
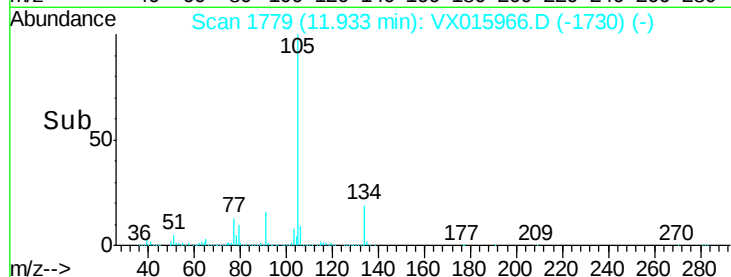
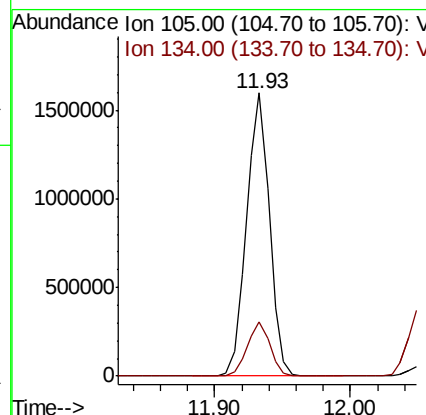
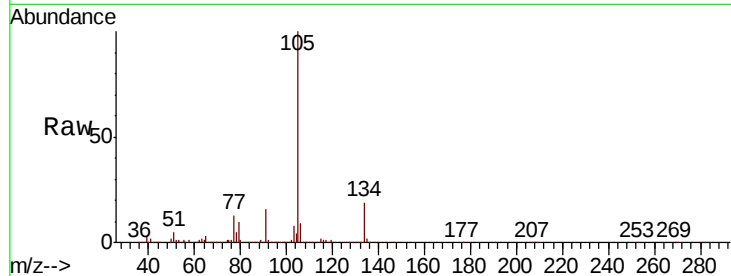




#85
 sec-Butylbenzene
 Concen: 101.163 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX015966.D
 Acq: 28 Apr 2020 12:44

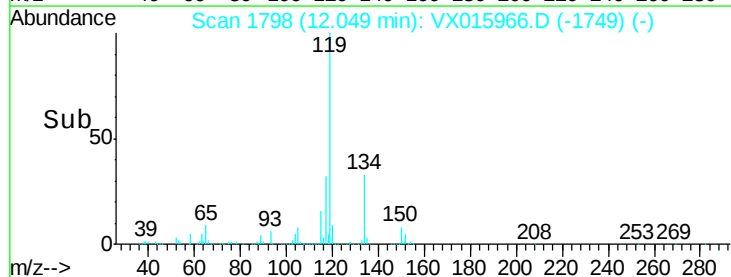
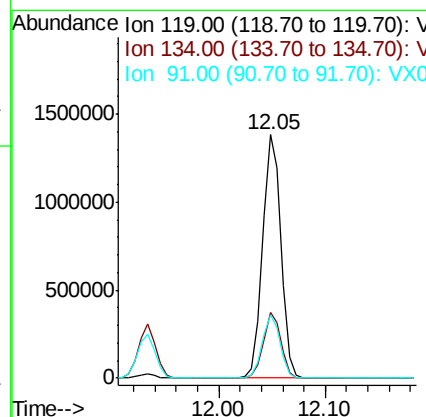
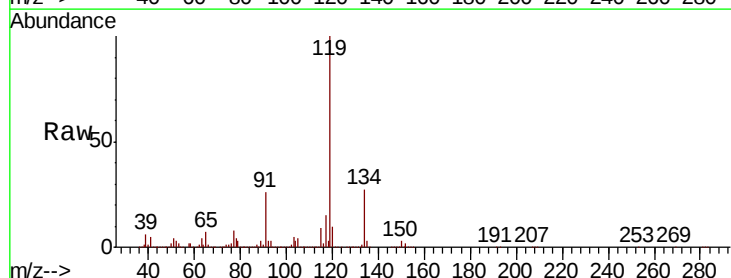
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

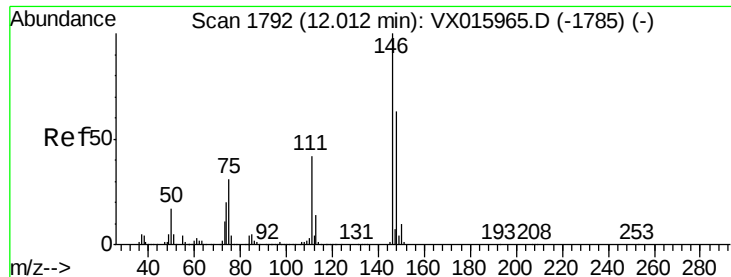
Tot Ion:105 Resp: 1870766
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.3 28.0



#86
 p-Isopropyltoluene
 Concen: 98.058 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX015966.D
 Acq: 28 Apr 2020 12:44

Tgt Ion:119 Resp: 1666172
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.6
 91 25.1 12.3 36.8

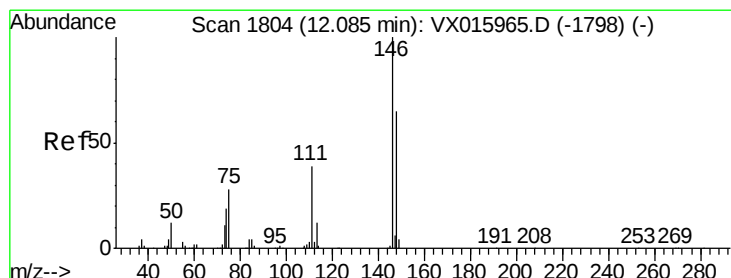
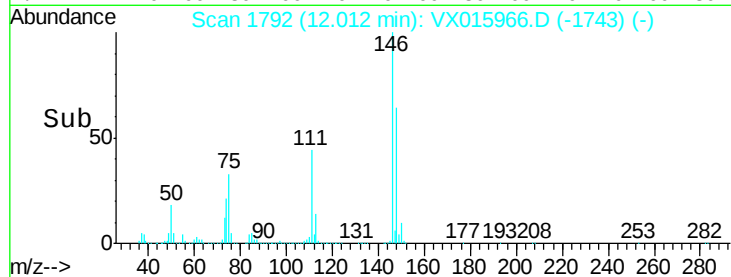
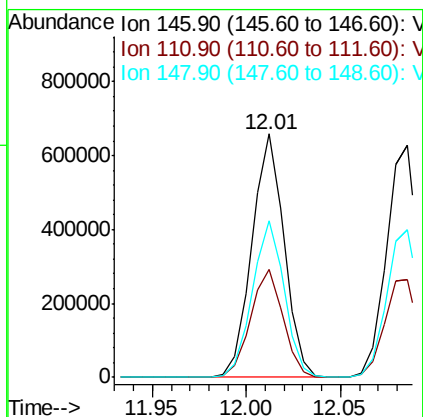
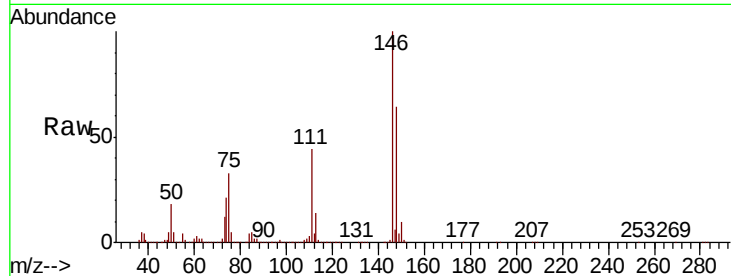




#87
 1,3-Dichlorobenzene
 Concen: 98.278 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX015966.D
 Acq: 28 Apr 2020 12:44

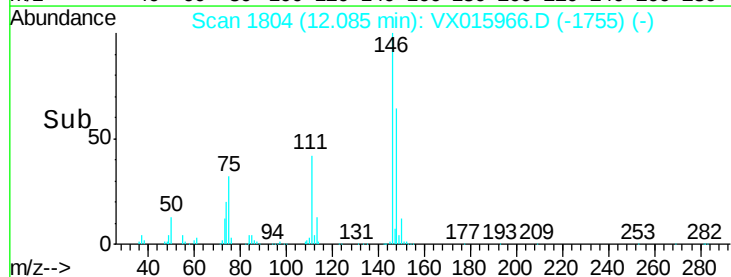
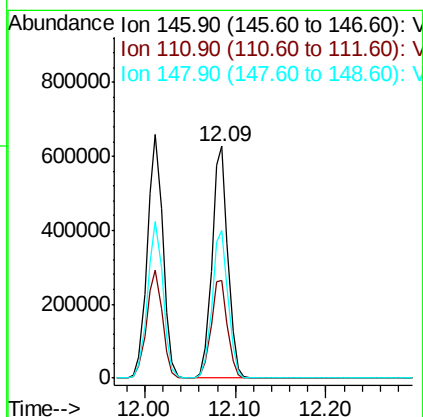
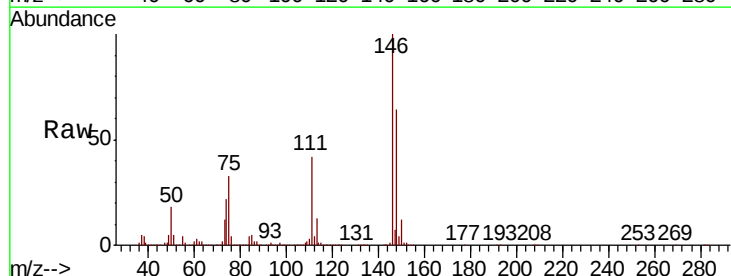
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

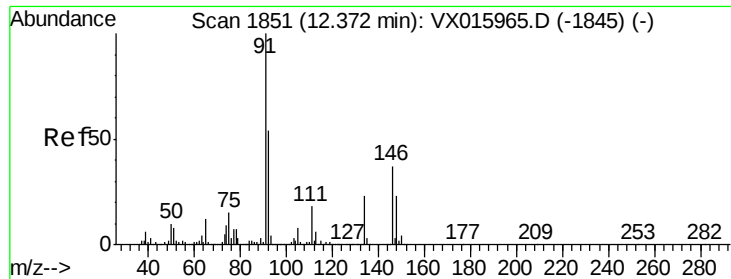
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.6	22.0	66.0
148	63.5	31.3	93.9



#88
 1,4-Dichlorobenzene
 Concen: 96.084 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX015966.D
 Acq: 28 Apr 2020 12:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.6	65.0
148	64.6	32.1	96.5





#89

n-Butylbenzene

Concen: 103.119 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

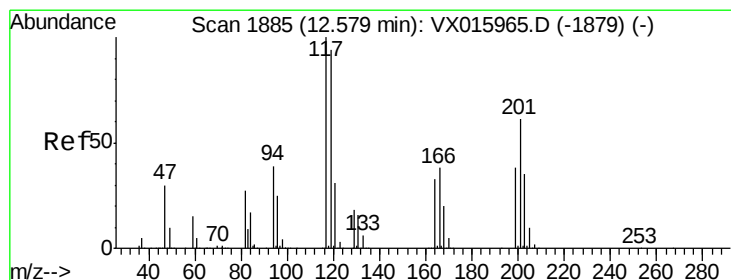
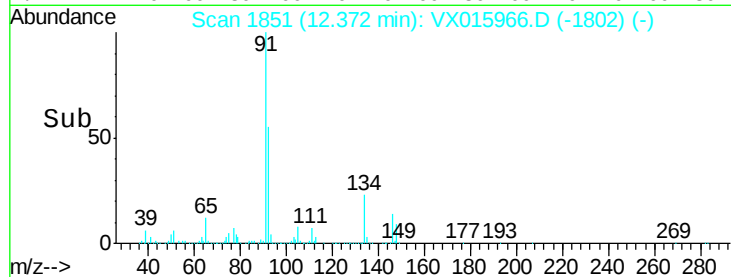
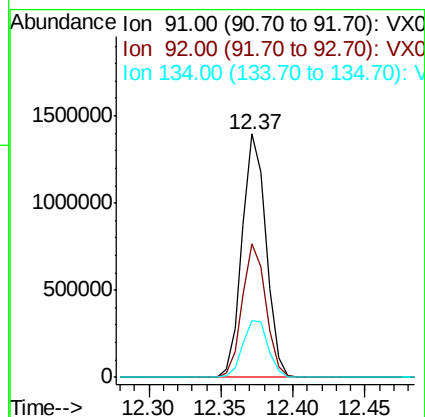
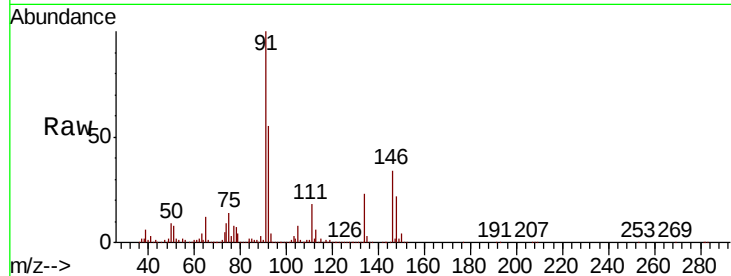
Tot Ion: 91 Resp: 1619446

Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.9	80.6
134	24.4	12.0	36.0

91 100

92 54.0 26.9 80.6

134 24.4 12.0 36.0



#90

Hexachloroethane

Concen: 105.584 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX015966.D

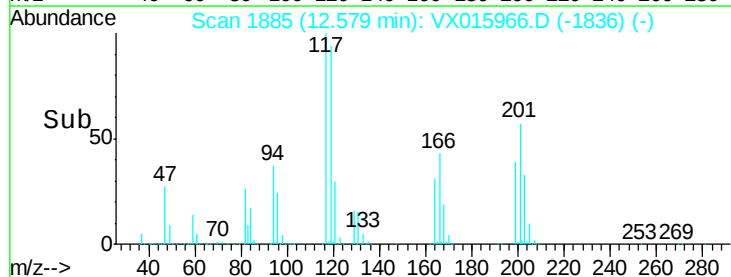
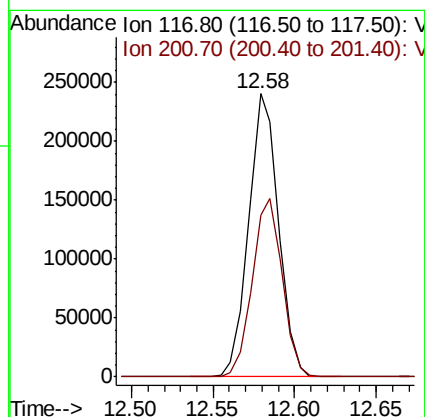
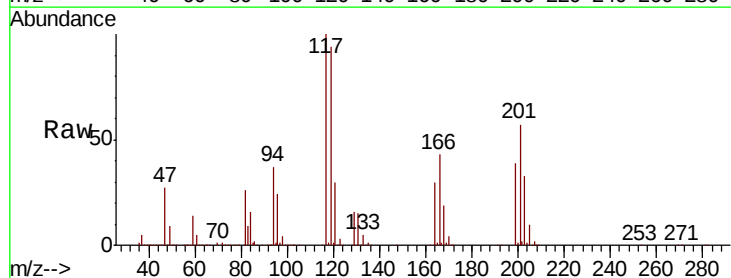
Acq: 28 Apr 2020 12:44

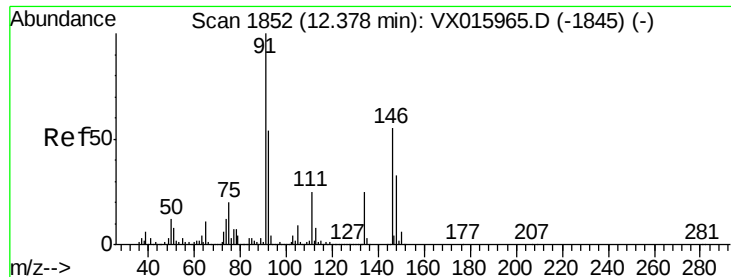
Tgt Ion: 117 Resp: 307448

Ion	Ratio	Lower	Upper
117	100		
201	63.4	31.9	95.7

117 100

201 63.4 31.9 95.7





#91

1,2-Dichlorobenzene

Concen: 98.688 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

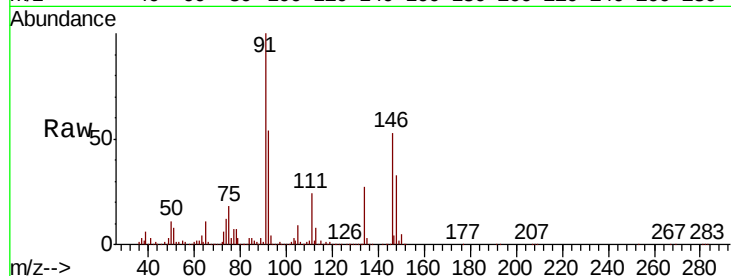
Tot Ion:146 Resp: 754432

Ion Ratio Lower Upper

146 100

111 45.9 22.9 68.8

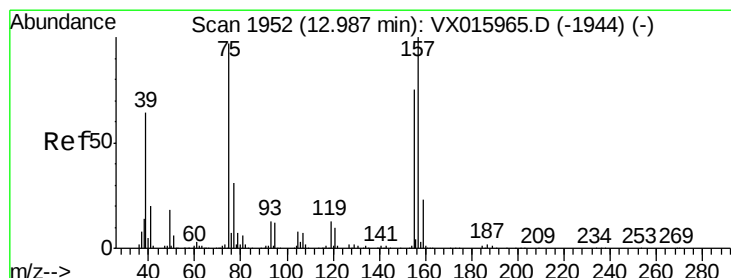
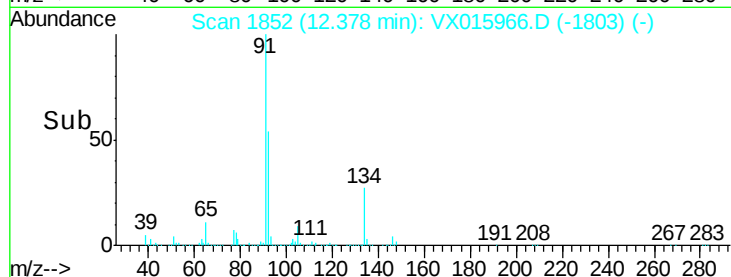
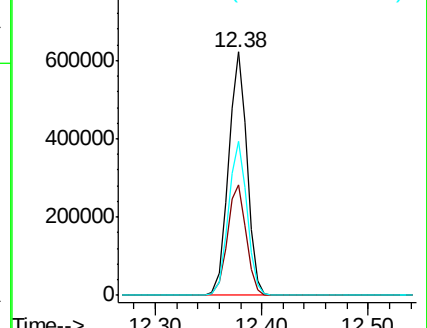
148 63.4 31.0 93.0



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: 105.420 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

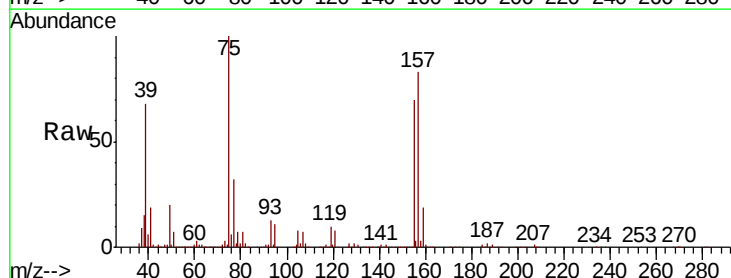
Tgt Ion: 75 Resp: 161829

Ion Ratio Lower Upper

75 100

155 76.0 36.1 108.3

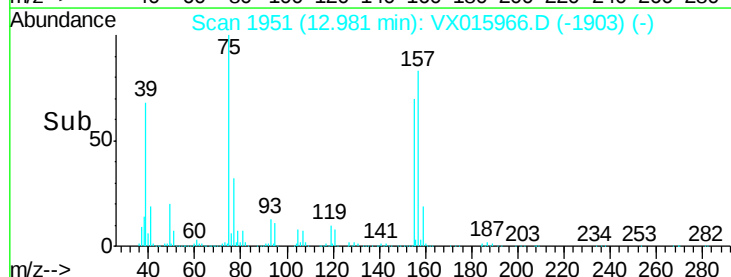
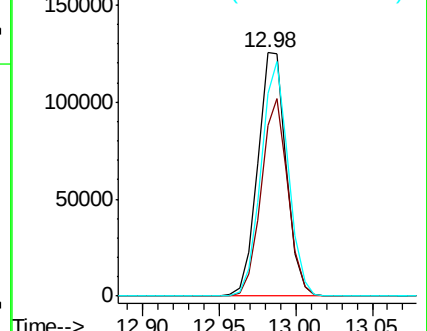
157 92.6 46.9 140.8

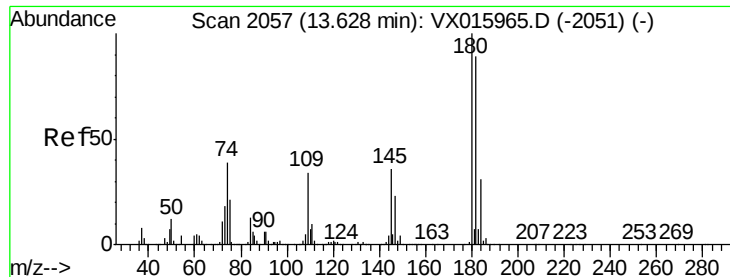


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

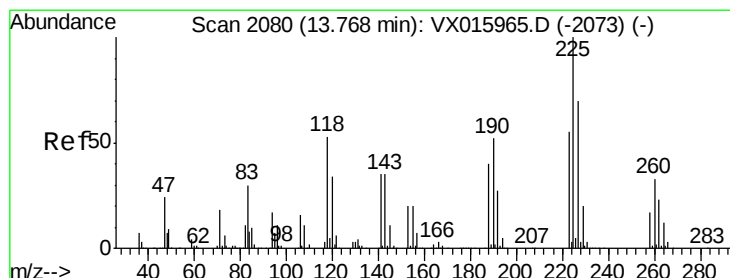
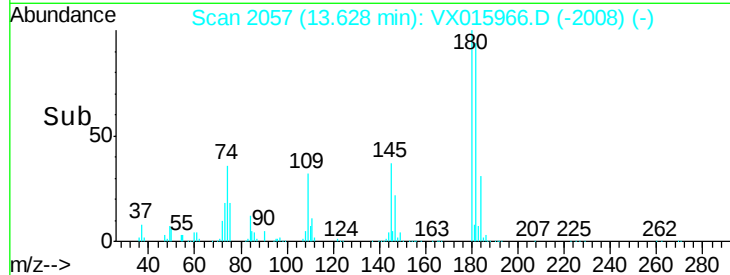
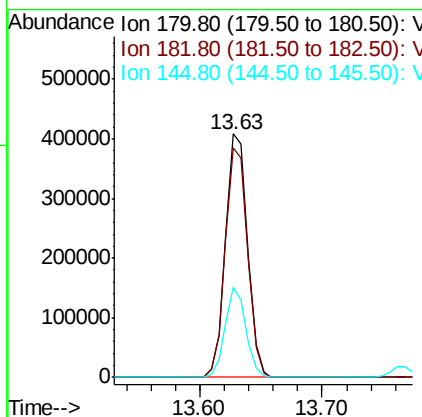
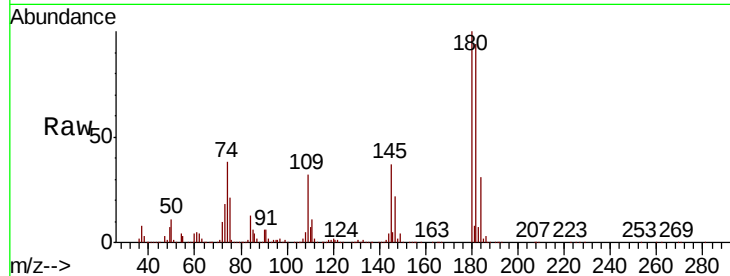




#93
 1,2,4-Trichlorobenzene
 Concen: 101.618 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX015966.D
 Acq: 28 Apr 2020 12:44

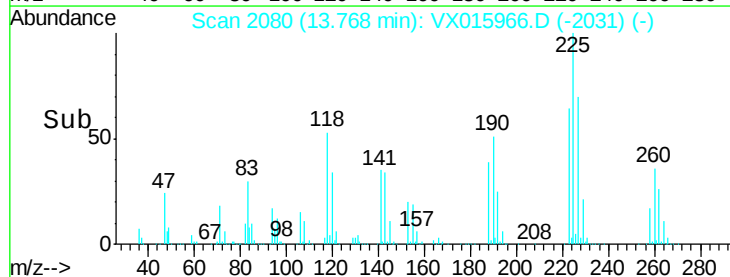
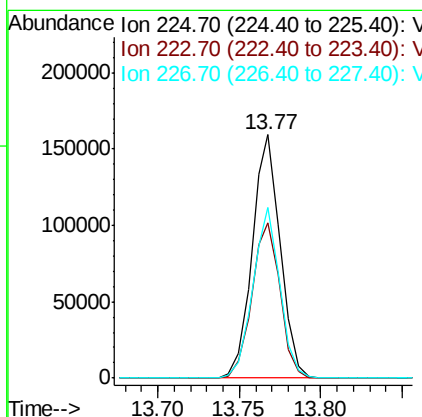
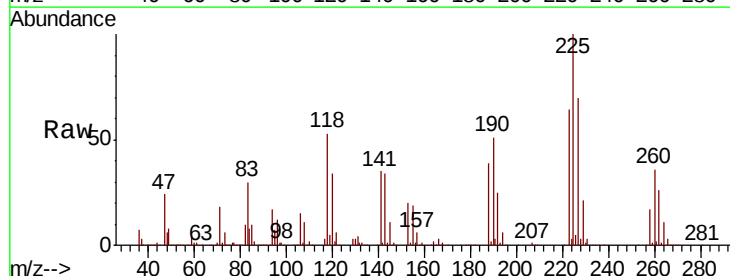
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

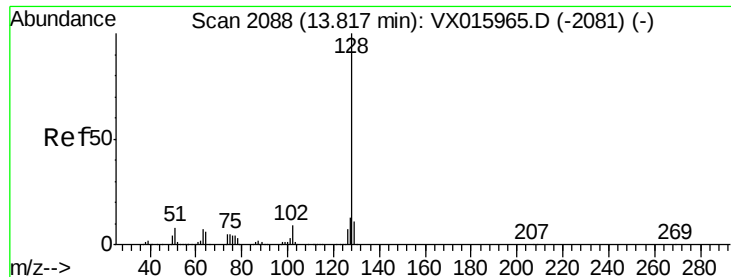
Tot Ion:180 Resp: 506246
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.4 145.0
 145 35.0 16.9 50.7



#94
 Hexachlorobutadiene
 Concen: 100.935 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX015966.D
 Acq: 28 Apr 2020 12:44

Tgt Ion:225 Resp: 189906
 Ion Ratio Lower Upper
 225 100
 223 64.0 29.1 87.3
 227 67.5 32.8 98.4





#95

Naphthalene

Concen: 104.698 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

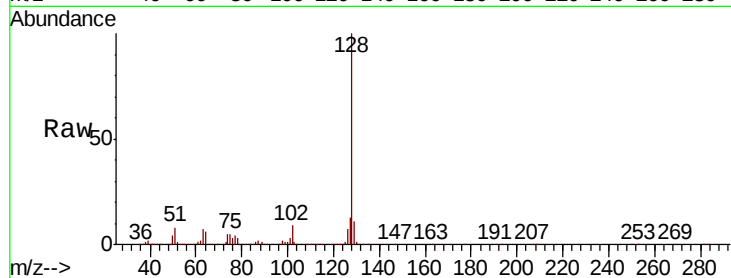
Tot Ion:128 Resp: 1980126

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

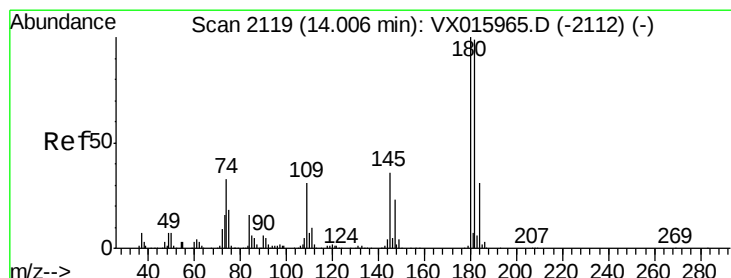
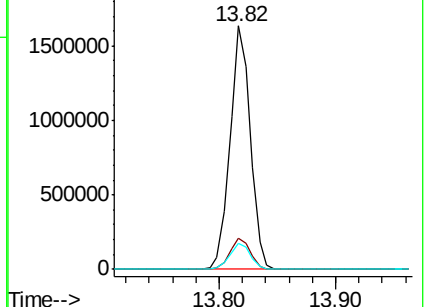
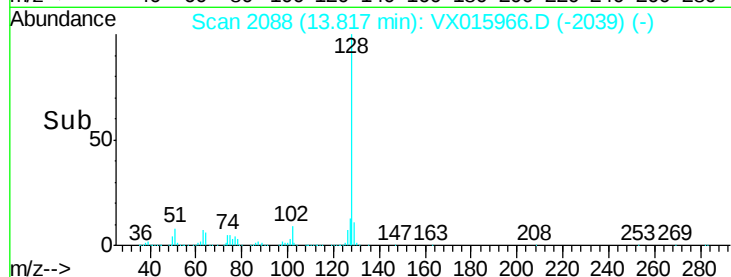
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 101.872 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX015966.D

Acq: 28 Apr 2020 12:44

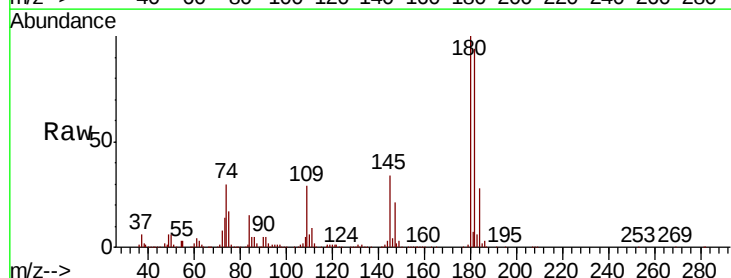
Tgt Ion:180 Resp: 498626

Ion Ratio Lower Upper

180 100

182 92.7 46.5 139.5

145 35.9 17.9 53.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

