

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017967.D
 Acq On : 18 Aug 2020 19:21
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 19 02:59:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 02:55:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	424061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	670281	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	652339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	352491	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	602035	109.66	ug/l	0.00
Spiked Amount			Recovery	=	219.32%	
35) Dibromofluoromethane	5.47	113	473103	104.97	ug/l	0.00
Spiked Amount			Recovery	=	209.94%	
50) Toluene-d8	8.70	98	1707197	105.15	ug/l	0.00
Spiked Amount			Recovery	=	210.30%	
62) 4-Bromofluorobenzene	11.12	95	666367	102.50	ug/l	0.00
Spiked Amount			Recovery	=	205.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	664975	137.846	ug/l	96
3) Chloromethane	1.31	50	650538	112.697	ug/l	99
4) Vinyl Chloride	1.39	62	627518	114.440	ug/l	98
5) Bromomethane	1.62	94	354583	111.756	ug/l	99
6) Chloroethane	1.70	64	351213	107.252	ug/l	98
7) Trichlorofluoromethane	1.90	101	968216	112.374	ug/l	100
8) Diethyl Ether	2.17	74	271006	90.948	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	433808	95.278	ug/l	98
10) Methyl Iodide	2.48	142	599783	103.057	ug/l	99
11) Tert butyl alcohol	3.03	59	607481	535.635	ug/l	100
12) 1,1-Dichloroethene	2.35	96	400551	93.514	ug/l	98
13) Acrolein	2.28	56	337097	453.169	ug/l	99
14) Allyl chloride	2.70	41	699117	90.615	ug/l	99
15) Acrylonitrile	3.12	53	1301793	527.888	ug/l	99
16) Acetone	2.43	43	1315222	546.748	ug/l	99
17) Carbon Disulfide	2.54	76	984532	76.995	ug/l	99
18) Methyl Acetate	2.75	43	634146	112.235	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1558655	103.878	ug/l	99
20) Methylene Chloride	2.83	84	440972	85.629	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	388339	85.204	ug/l	98
22) Diisopropyl ether	3.83	45	1563427	106.673	ug/l	99
23) Vinyl Acetate	3.79	43	5978234	473.842	ug/l	99
24) 1,1-Dichloroethane	3.67	63	780726	93.042	ug/l	98
25) 2-Butanone	4.64	43	2120589	615.834	ug/l	97
26) 2,2-Dichloropropane	4.55	77	754496	99.942	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	494662	97.776	ug/l	99
28) Bromochloromethane	4.99	49	406984	105.374	ug/l	98
29) Tetrahydrofuran	5.09	42	1269783	592.686	ug/l	99
30) Chloroform	5.18	83	916627	106.019	ug/l	98
31) Cyclohexane	5.55	56	727605	106.590	ug/l	94
32) 1,1,1-Trichloroethane	5.47	97	813523	100.091	ug/l	99
36) 1,1-Dichloropropene	5.77	75	599875	93.950	ug/l	99
37) Ethyl Acetate	4.80	43	675800	98.364	ug/l	99
38) Carbon Tetrachloride	5.76	117	764915	97.633	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017967.D
 Acq On : 18 Aug 2020 19:21
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 19 02:59:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 02:55:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	786108	104.330	ug/l	97
40) Benzene	6.12	78	1723160	94.393	ug/l	100
41) Methacrylonitrile	5.01	41	426952	106.347	ug/l	98
42) 1,2-Dichloroethane	6.17	62	726223	96.968	ug/l	100
43) Isopropyl Acetate	6.42	43	1127142	100.265	ug/l	99
44) Trichloroethene	7.19	130	514181	95.720	ug/l	98
45) 1,2-Dichloropropane	7.49	63	494037	96.277	ug/l	99
46) Dibromomethane	7.64	93	338072	93.422	ug/l	98
47) Bromodichloromethane	7.88	83	735664	99.113	ug/l	98
48) Methyl methacrylate	7.75	41	579290	100.188	ug/l	99
49) 1,4-Dioxane	7.71	88	244813	2200.966	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	3685092	530.018	ug/l	99
52) Toluene	8.77	92	1136268	96.451	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	818613	101.887	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	817722	99.303	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	497857	100.668	ug/l	97
56) Ethyl methacrylate	9.16	69	781410	106.275	ug/l	98
57) 1,3-Dichloropropane	9.35	76	797470	98.433	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1900454	499.461	ug/l	100
59) 2-Hexanone	9.48	43	2901639	557.613	ug/l	99
60) Dibromochloromethane	9.57	129	667080	106.742	ug/l	99
61) 1,2-Dibromoethane	9.65	107	576664	108.588	ug/l	99
64) Tetrachloroethene	9.32	164	502939	87.921	ug/l	96
65) Chlorobenzene	10.12	112	1363021	97.721	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	567287	100.277	ug/l	99
67) Ethyl Benzene	10.24	91	2377096	102.612	ug/l	98
68) m/p-Xylenes	10.34	106	1806233	202.786	ug/l	98
69) o-Xylene	10.68	106	910853	105.845	ug/l	97
70) Styrene	10.70	104	1567142	106.802	ug/l	98
71) Bromoform	10.84	173	514023	105.213	ug/l #	99
73) Isopropylbenzene	11.00	105	2428687	100.967	ug/l	100
74) N-amyl acetate	10.88	43	1067401	101.274	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	762581	99.713	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	1059426	145.847	ug/l	84
77) Bromobenzene	11.24	156	653590	97.135	ug/l	97
78) n-propylbenzene	11.35	91	3116912	114.377	ug/l	99
79) 2-Chlorotoluene	11.41	91	1832921	108.746	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	2234526	109.135	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	299175	103.671	ug/l	98
82) 4-Chlorotoluene	11.49	91	2069128	104.817	ug/l	100
83) tert-Butylbenzene	11.76	119	2078236	106.512	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2196618	106.155	ug/l	98
85) sec-Butylbenzene	11.93	105	2534517	110.642	ug/l	100
86) p-Isopropyltoluene	12.05	119	2389236	109.839	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1255874	109.301	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	1172999	98.286	ug/l	99
89) n-Butylbenzene	12.37	91	1930362	100.240	ug/l	99
90) Hexachloroethane	12.58	117	442613	102.714	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	1097912	96.773	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	224375	107.665	ug/l	99

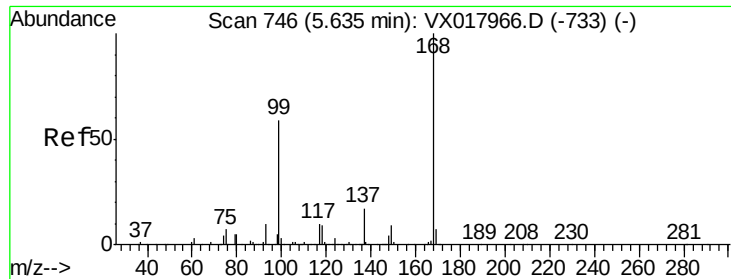
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
Data File : VX017967.D
Acq On : 18 Aug 2020 19:21
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Aug 19 02:59:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 02:55:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	769136	101.415	ug/l	98
94) Hexachlorobutadiene	13.77	225	305912	87.798	ug/l	94
95) Naphthalene	13.82	128	2505016	109.838	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	767985	101.358	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

Instrument :

MSVOA_X

ClientSampleId :

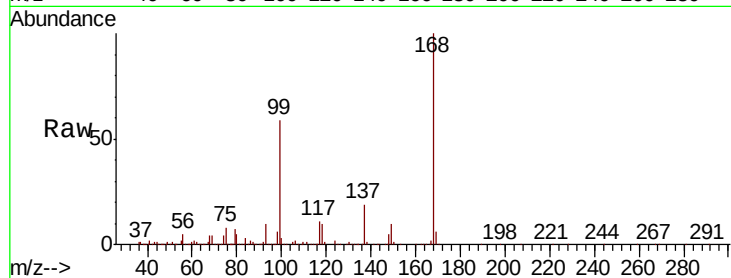
VSTDIC100

Tot Ion:168 Resp: 424061

Ion Ratio Lower Upper

168 100

99 58.6 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

100000

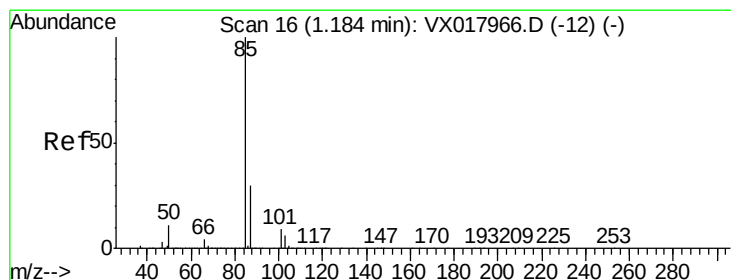
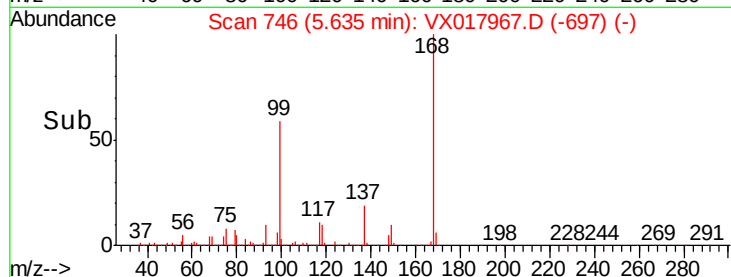
50000

0

5.50 5.60 5.70 5.80

5.64

Time-->



#2

Dichlorodifluoromethane

Concen: 137.846 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017967.D

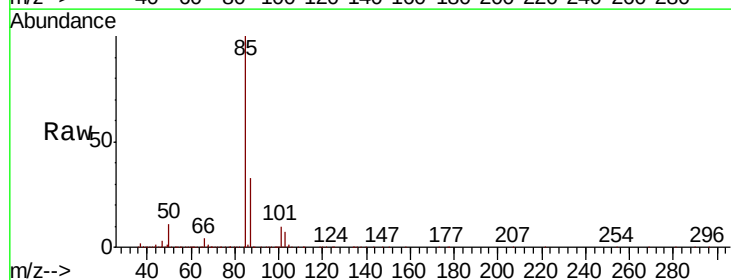
Acq: 18 Aug 2020 19:21

Tgt Ion: 85 Resp: 664975

Ion Ratio Lower Upper

85 100

87 32.9 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

800000

600000

400000

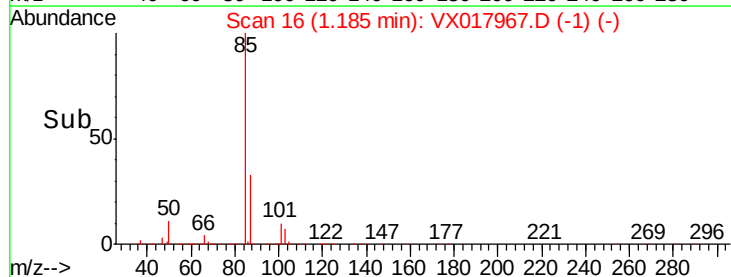
200000

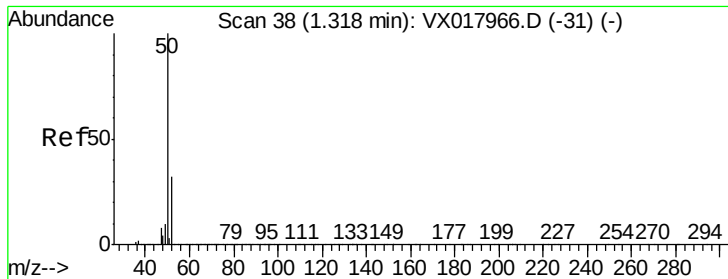
0

1.10 1.15 1.20 1.25 1.30

1.18

Time-->





#3

Chloromethane

Concen: 112.697 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

Instrument :

MSVOA_X

ClientSampleId :

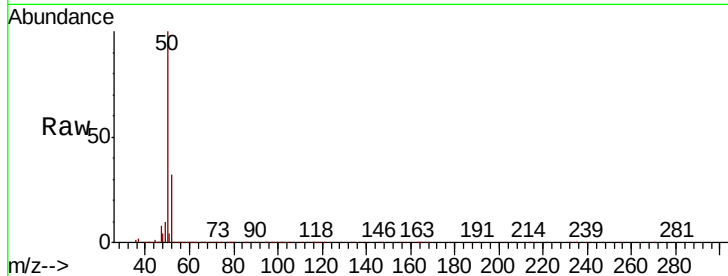
VSTDIC100

Tot Ion: 50 Resp: 650538

Ion Ratio Lower Upper

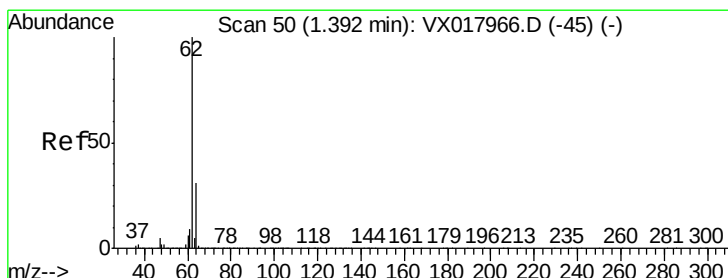
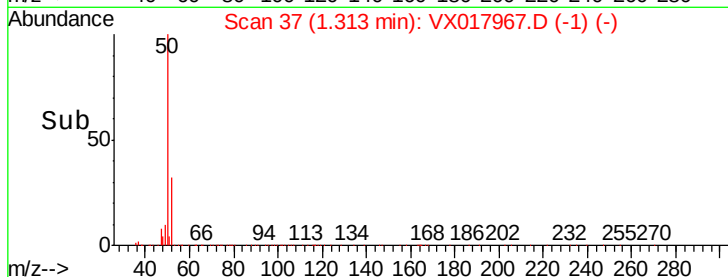
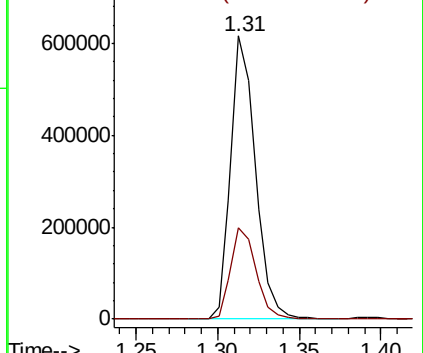
50 100

52 32.5 25.4 38.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 114.440 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017967.D

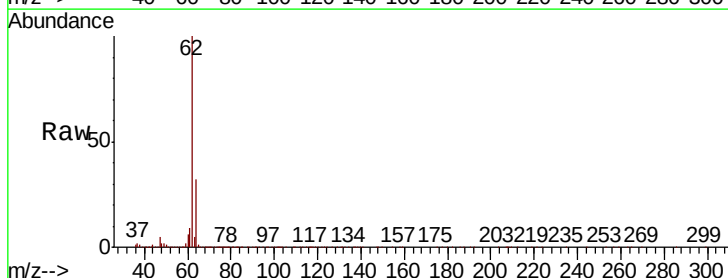
Acq: 18 Aug 2020 19:21

Tgt Ion: 62 Resp: 627518

Ion Ratio Lower Upper

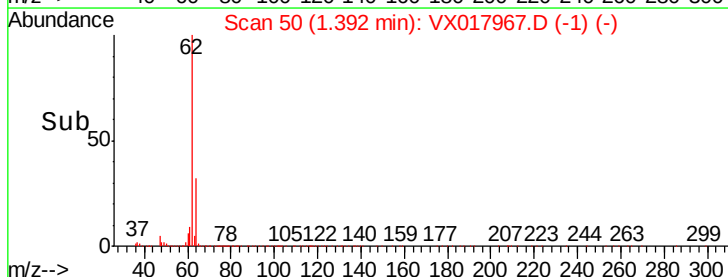
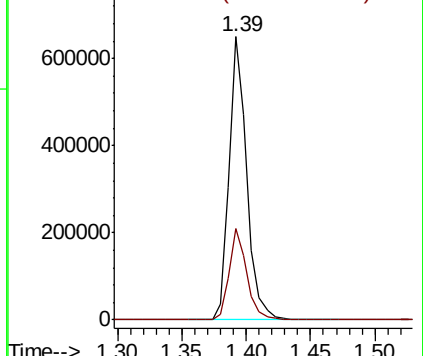
62 100

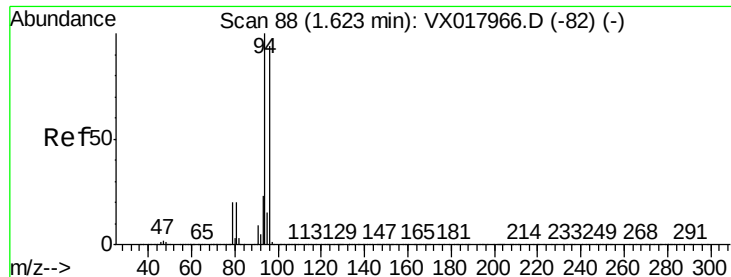
64 32.2 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 111.756 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

Instrument :

MSVOA_X

ClientSampleId :

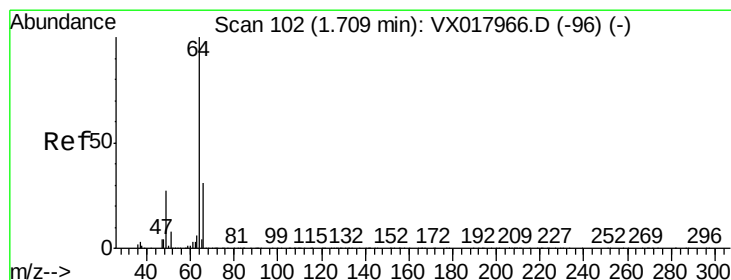
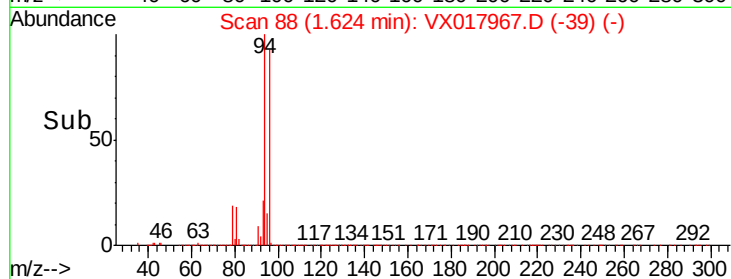
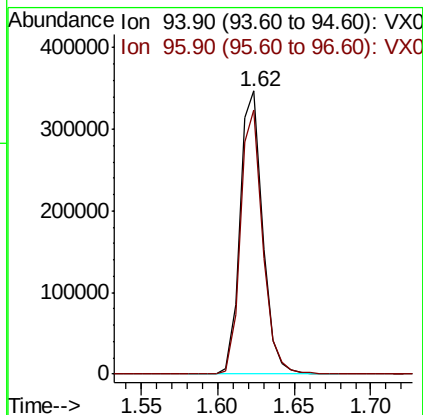
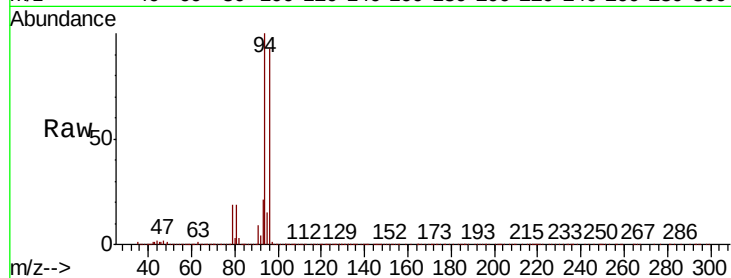
VSTDIC100

Tot Ion: 94 Resp: 354583

Ion Ratio Lower Upper

94 100

96 93.1 75.5 113.3



#6

Chloroethane

Concen: 107.252 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX017967.D

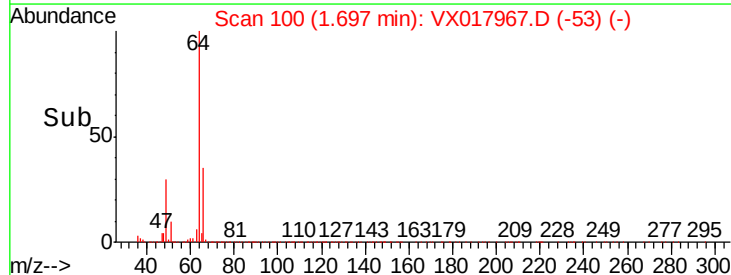
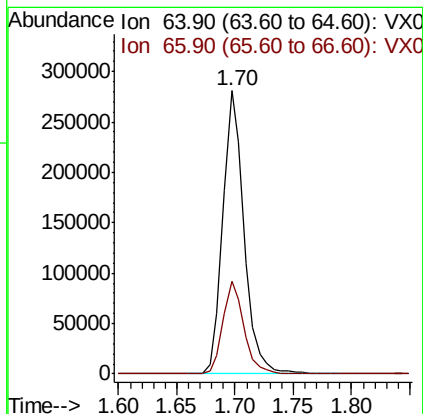
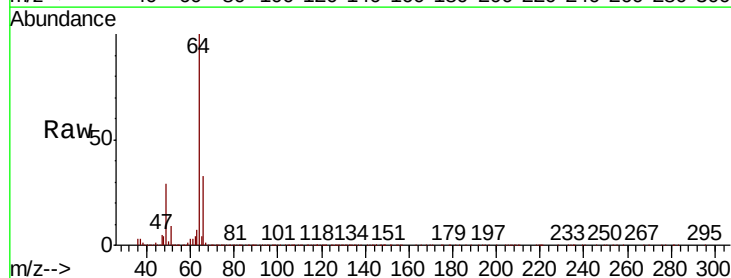
Acq: 18 Aug 2020 19:21

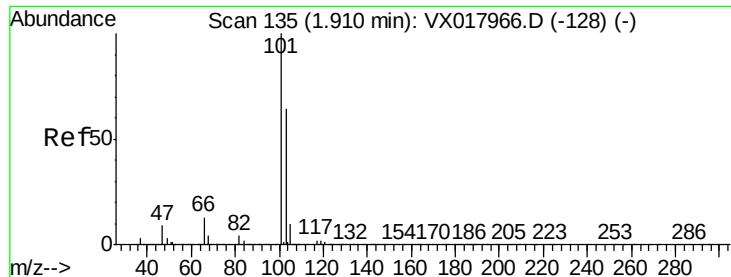
Tgt Ion: 64 Resp: 351213

Ion Ratio Lower Upper

64 100

66 32.4 25.0 37.4



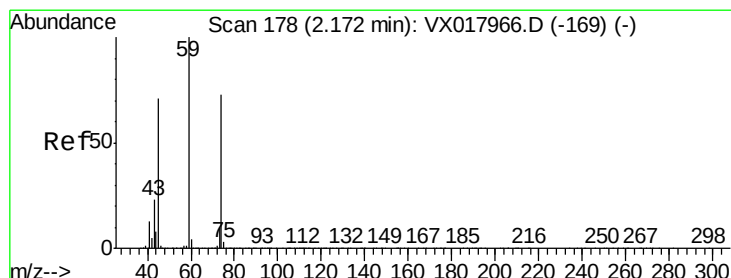
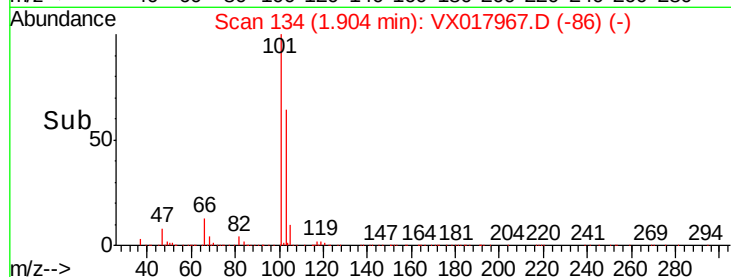
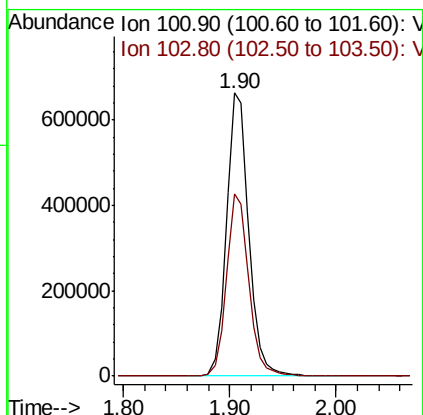
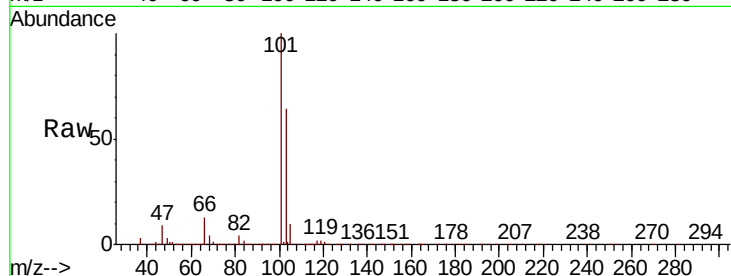


#7

Trichlorofluoromethane
 Concen: 112.374 ug/l
 RT: 1.90 min Scan# 134
 Delta R.T. -0.01 min
 Lab File: VX017967.D
 Acq: 18 Aug 2020 19:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

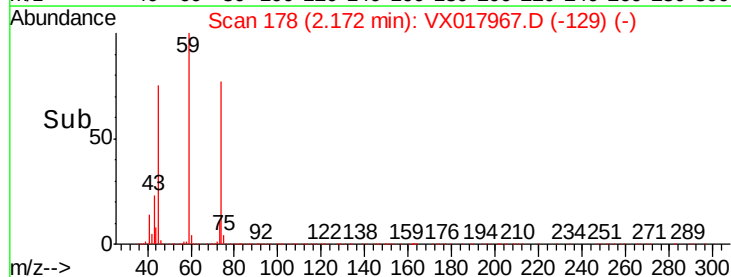
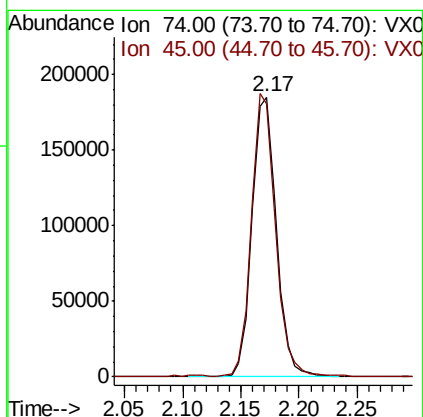
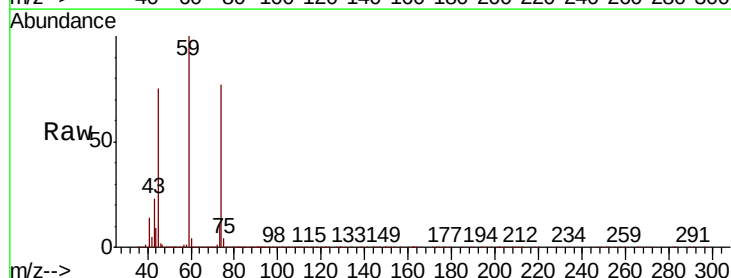
Tot Ion:101 Resp: 968216
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.2 76.8

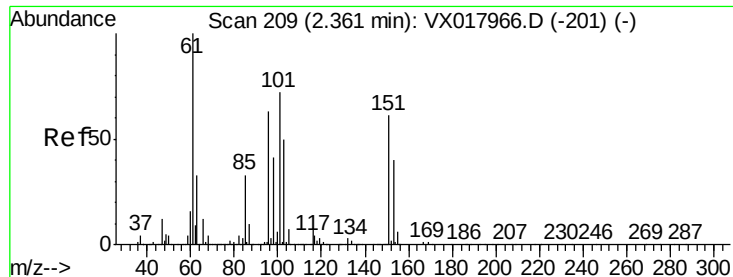


#8

Diethyl Ether
 Concen: 90.948 ug/l
 RT: 2.17 min Scan# 178
 Delta R.T. 0.00 min
 Lab File: VX017967.D
 Acq: 18 Aug 2020 19:21

Tgt Ion: 74 Resp: 271006
 Ion Ratio Lower Upper
 74 100
 45 99.5 50.5 151.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 95.278 ug/l

RT: 2.36 min Scan# 209

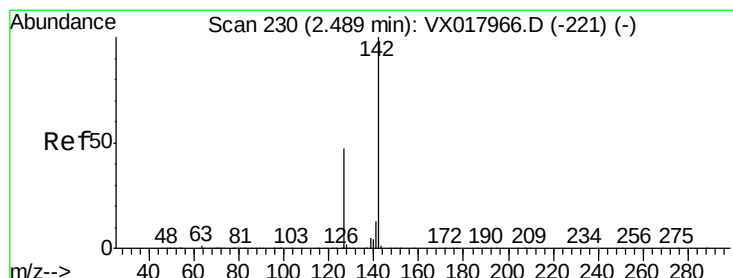
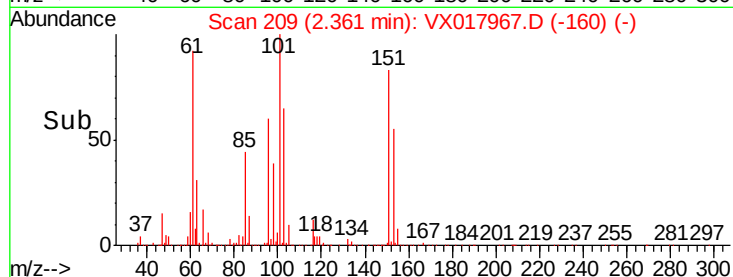
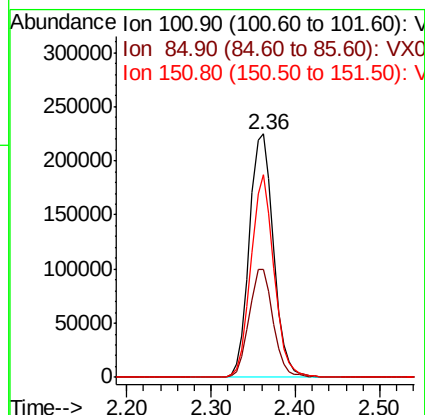
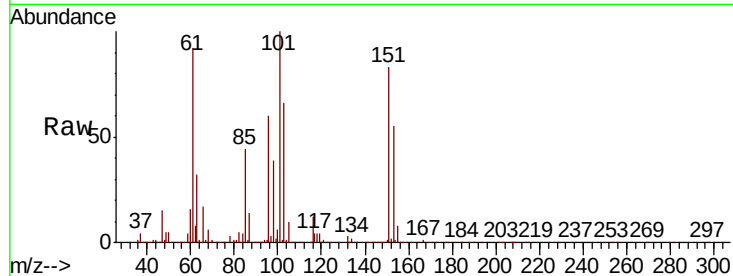
Delta R.T. 0.00 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
101	100		
85	44.1	35.4	53.2
151	79.6	65.4	98.0



#10

Methyl Iodide

Concen: 103.057 ug/l

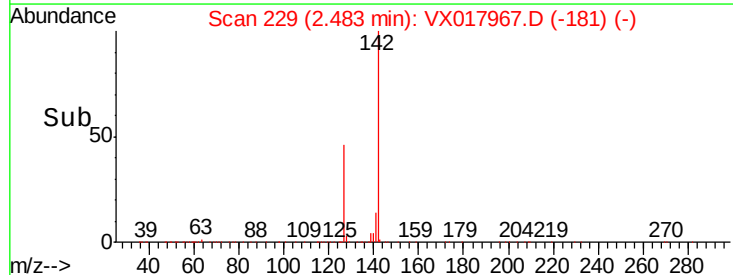
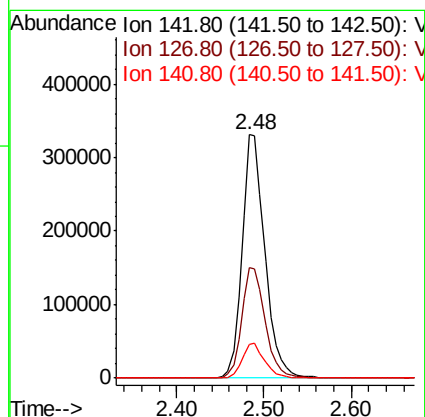
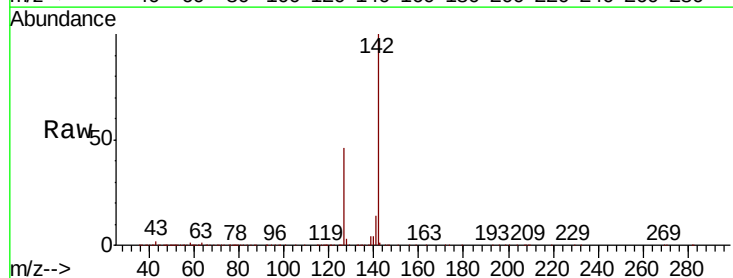
RT: 2.48 min Scan# 229

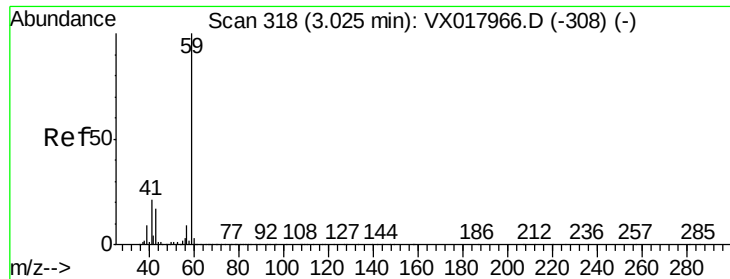
Delta R.T. -0.01 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

Tgt Ion	Ratio	Lower	Upper
142	100		
127	46.7	38.0	57.0
141	14.1	11.2	16.8

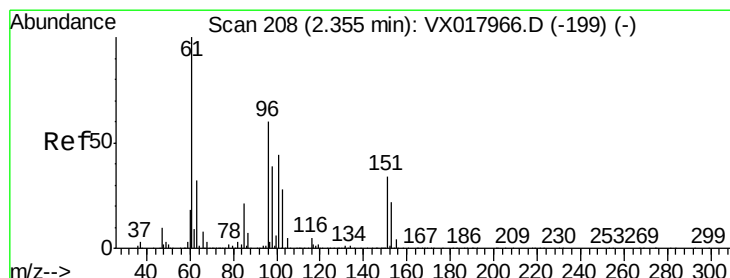
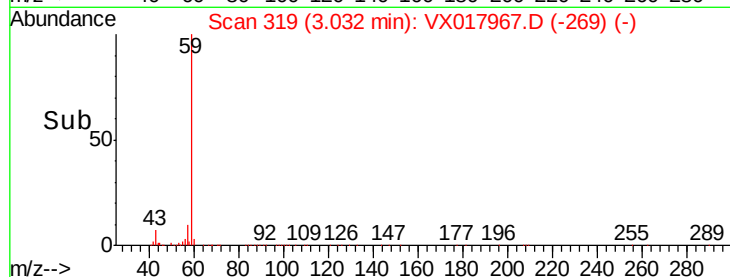
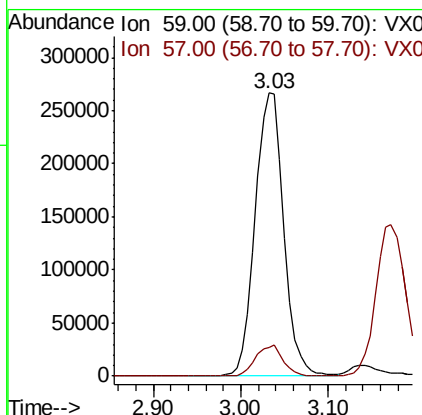
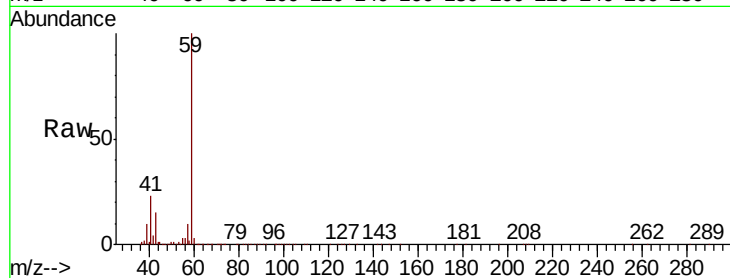




#11
Tert butyl alcohol
Concen: 535.635 ug/l
RT: 3.03 min Scan# 319
Delta R.T. 0.01 min
Lab File: VX017967.D
Acq: 18 Aug 2020 19:21

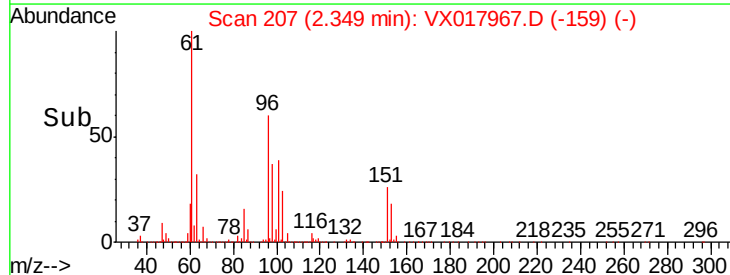
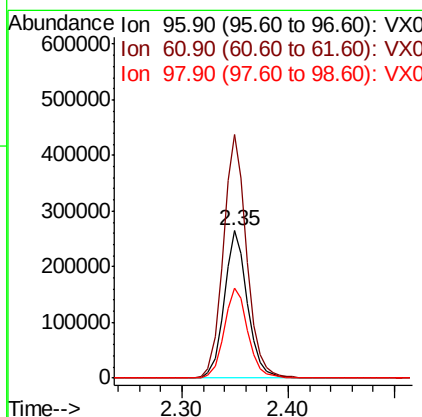
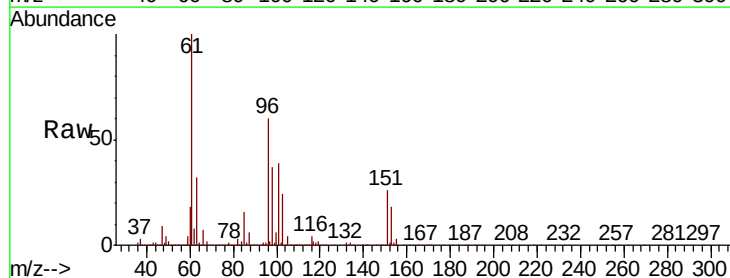
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

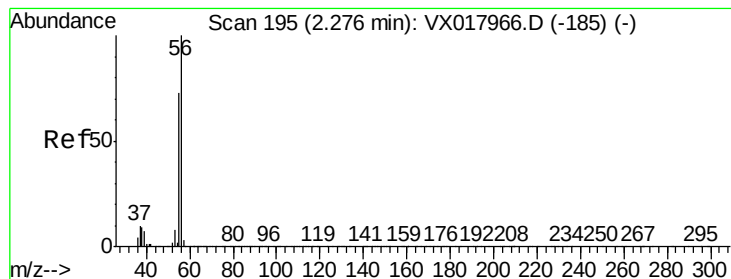
Tot Ion: 59 Resp: 607481
Ion Ratio Lower Upper
59 100
57 10.8 8.6 13.0



#12
1,1-Dichloroethene
Concen: 93.514 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX017967.D
Acq: 18 Aug 2020 19:21

Tgt Ion: 96 Resp: 400551
Ion Ratio Lower Upper
96 100
61 165.6 132.9 199.3
98 60.8 51.6 77.4





#13

Acrolein

Concen: 453.169 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

Instrument :

MSVOA_X

ClientSampleId :

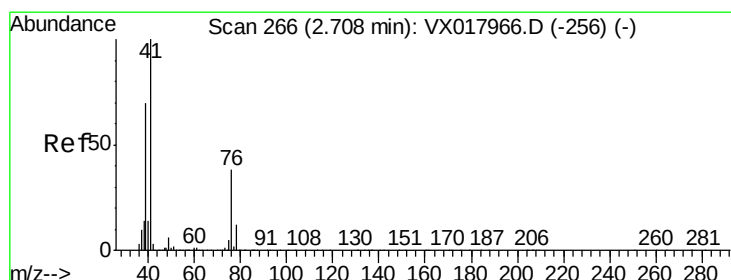
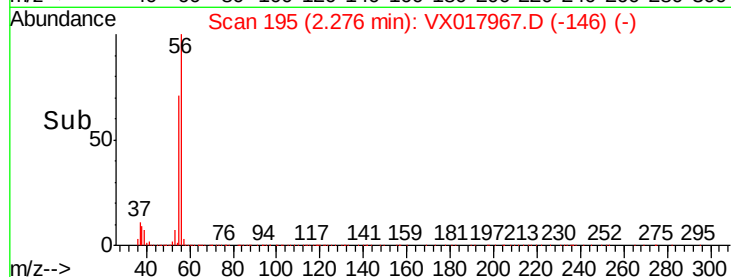
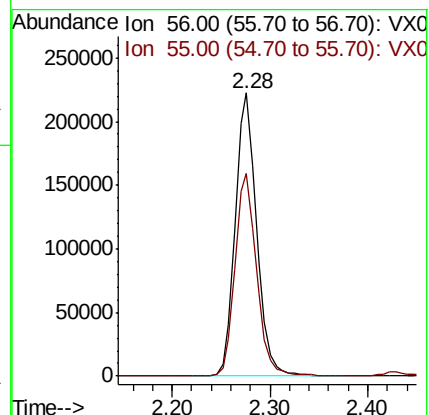
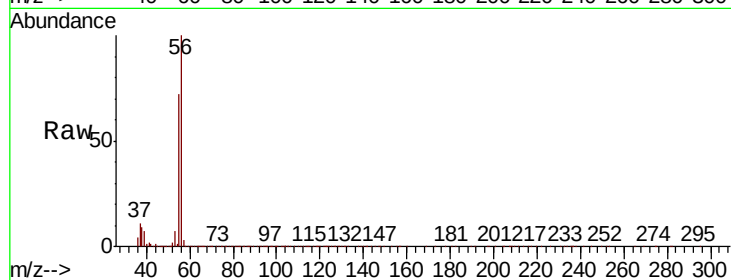
VSTDIC100

Tot Ion: 56 Resp: 337097

Ion Ratio Lower Upper

56 100

55 71.7 58.2 87.4



#14

Allyl chloride

Concen: 90.615 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

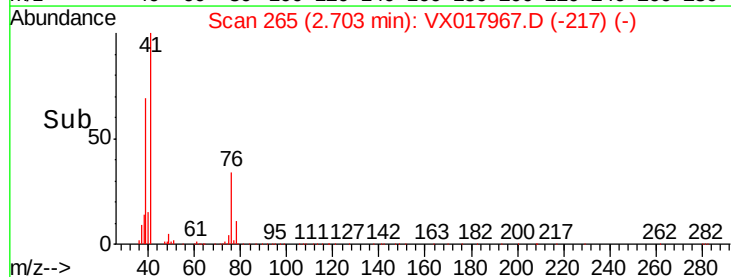
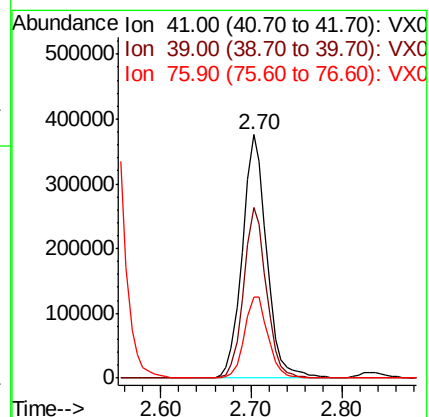
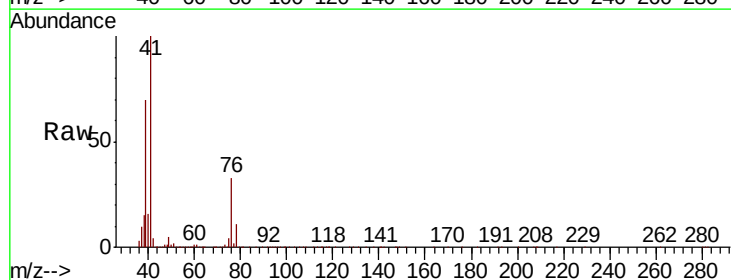
Tgt Ion: 41 Resp: 699117

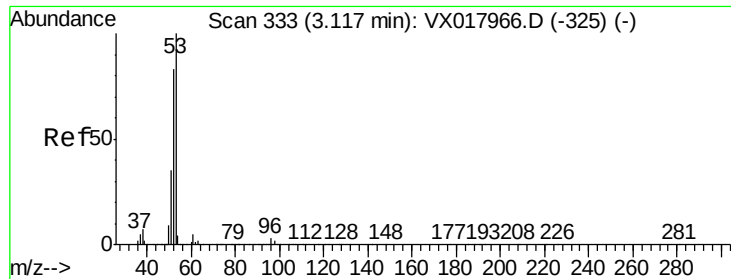
Ion Ratio Lower Upper

41 100

39 65.3 51.7 77.5

76 32.1 26.3 39.5





#15

Acrylonitrile

Concen: 527.888 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

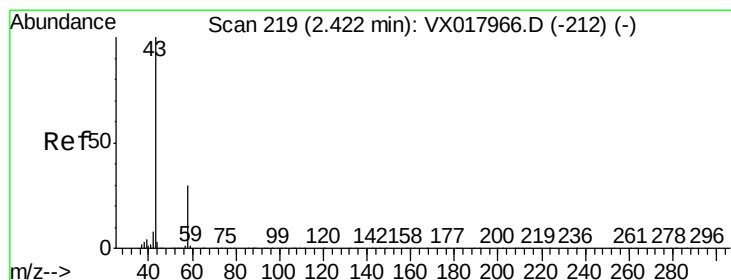
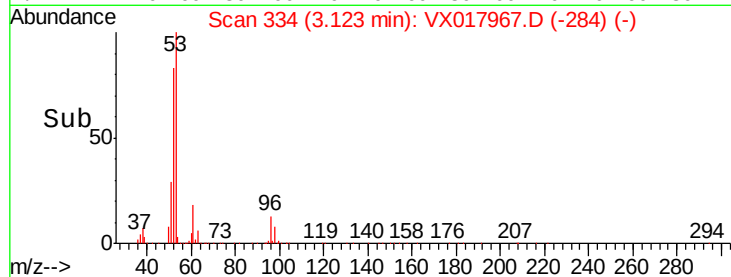
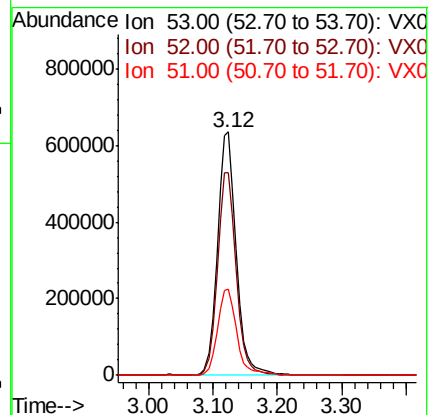
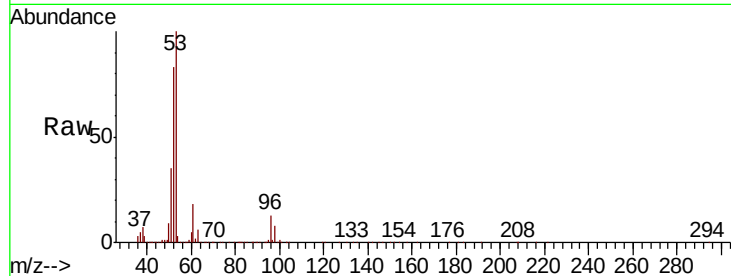
Tot Ion: 53 Resp: 1301793

Ion Ratio Lower Upper

53 100

52 83.0 67.1 100.7

51 36.1 29.2 43.8



#16

Acetone

Concen: 546.748 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX017967.D

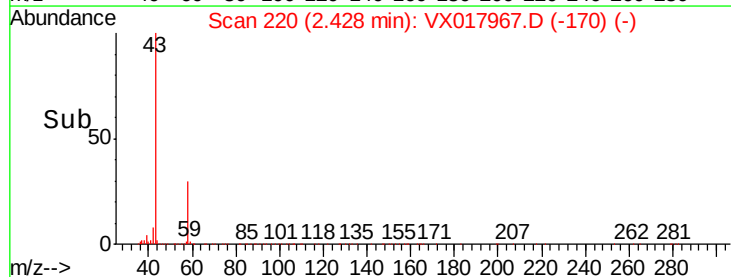
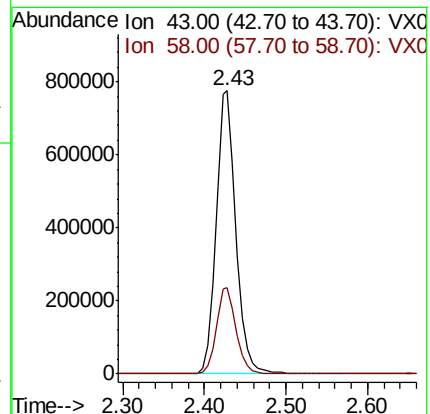
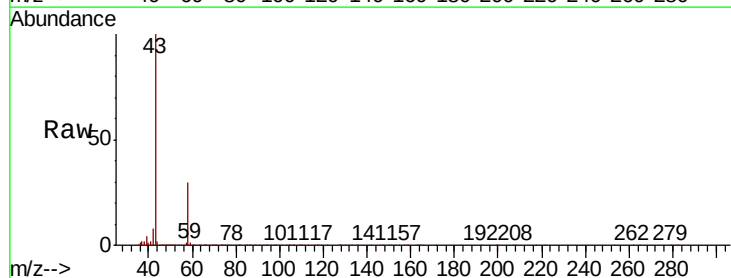
Acq: 18 Aug 2020 19:21

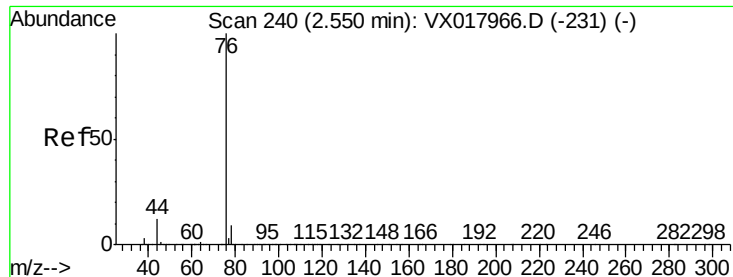
Tgt Ion: 43 Resp: 1315222

Ion Ratio Lower Upper

43 100

58 30.3 23.8 35.8





#17

Carbon Disulfide

Concen: 76.995 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

Instrument :

MSVOA_X

ClientSampleId :

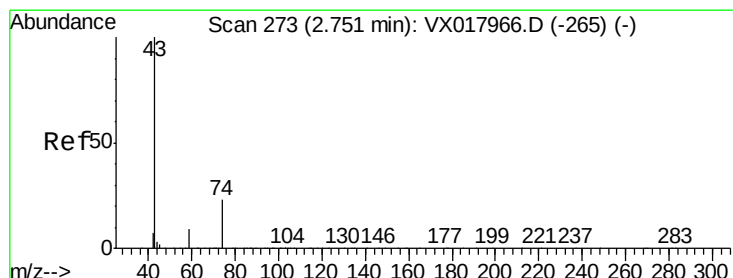
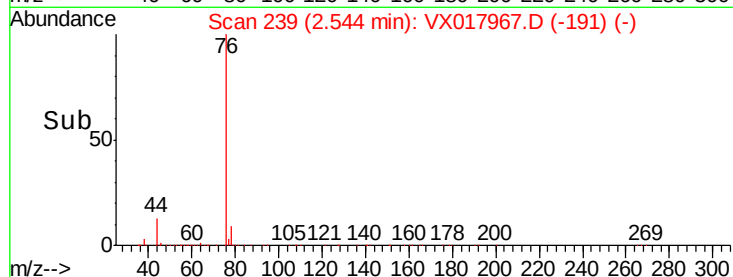
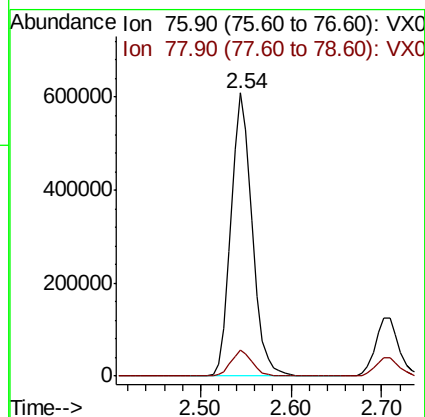
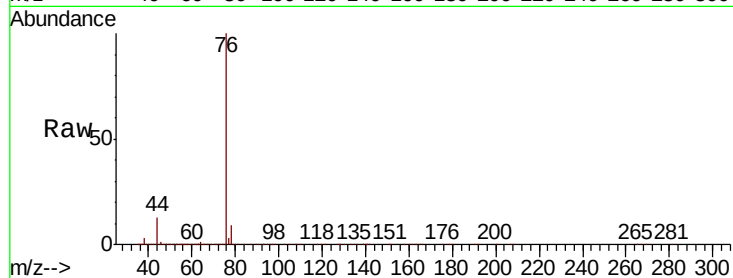
VSTDIC100

Tot Ion: 76 Resp: 984532

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



#18

Methyl Acetate

Concen: 112.235 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX017967.D

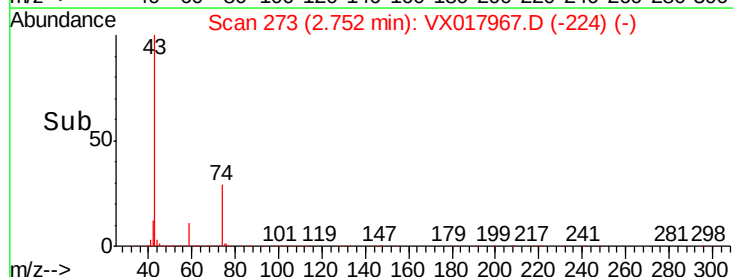
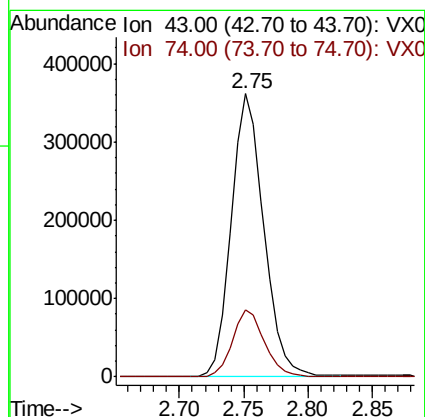
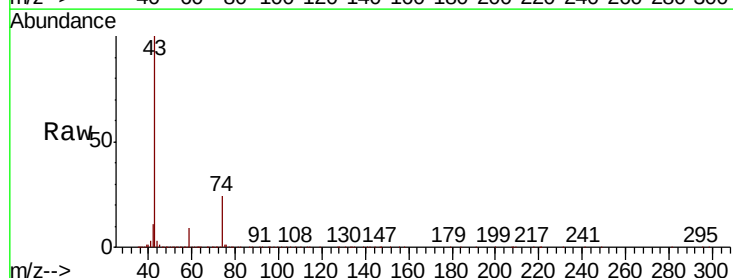
Acq: 18 Aug 2020 19:21

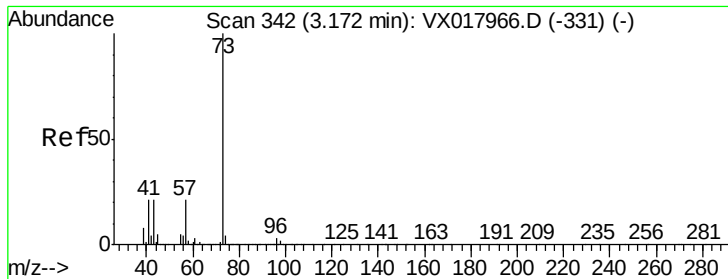
Tgt Ion: 43 Resp: 634146

Ion Ratio Lower Upper

43 100

74 23.7 19.7 29.5

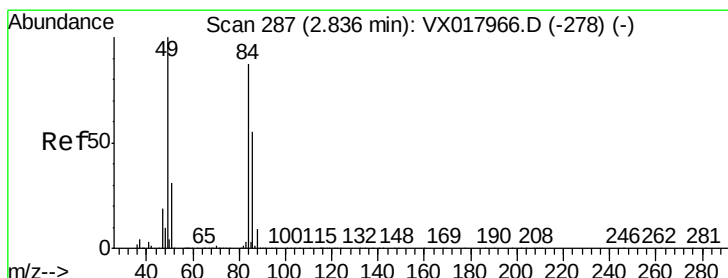
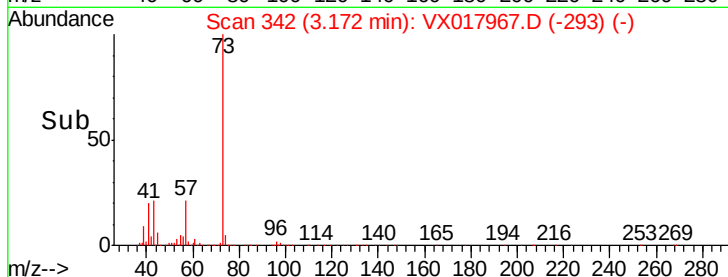
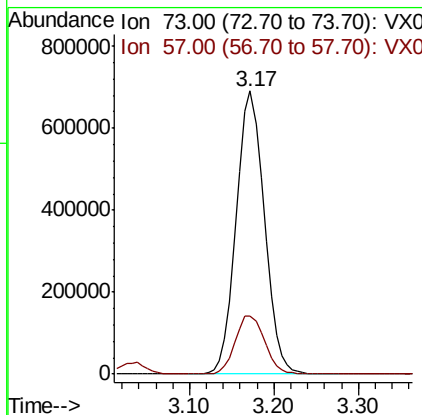
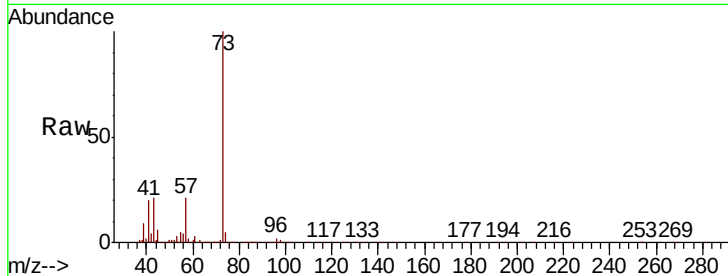




#19
Methyl tert-butyl Ether
Concen: 103.878 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.00 min
Lab File: VX017967.D
Acq: 18 Aug 2020 19:21

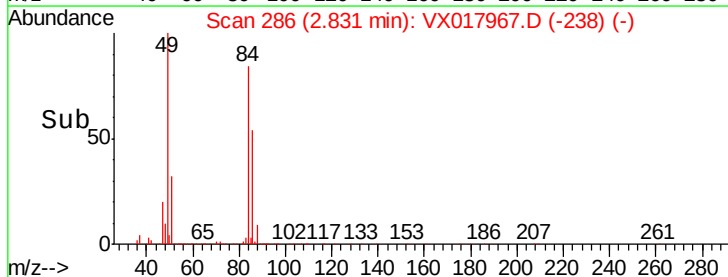
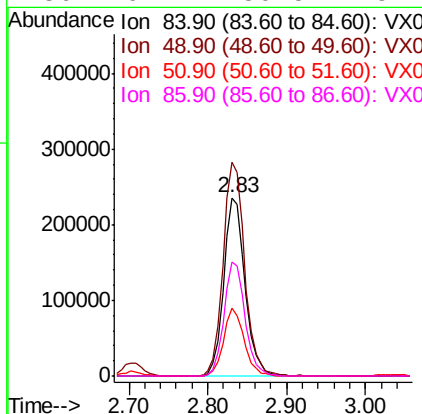
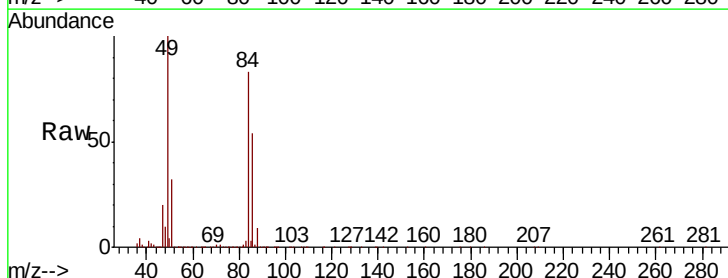
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

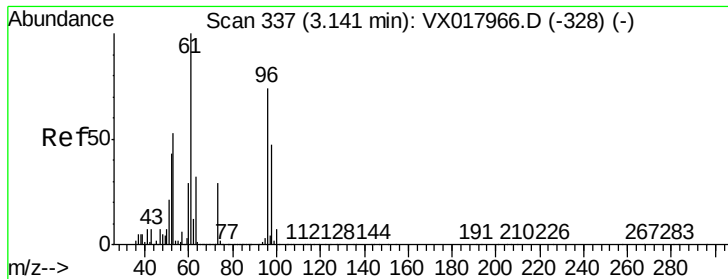
Tot Ion: 73 Resp: 1558655
Ion Ratio Lower Upper
73 100
57 20.6 16.9 25.3



#20
Methylene Chloride
Concen: 85.629 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017967.D
Acq: 18 Aug 2020 19:21

Tgt Ion: 84 Resp: 440972
Ion Ratio Lower Upper
84 100
49 119.8 91.8 137.6
51 37.7 27.8 41.8
86 64.1 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 85.204 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

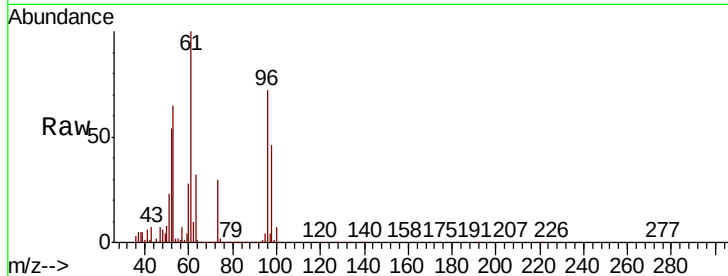
Tot Ion: 96 Resp: 388339

Ion Ratio Lower Upper

96 100

61 139.1 108.6 163.0

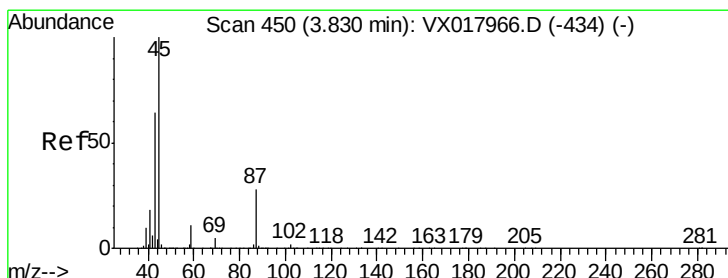
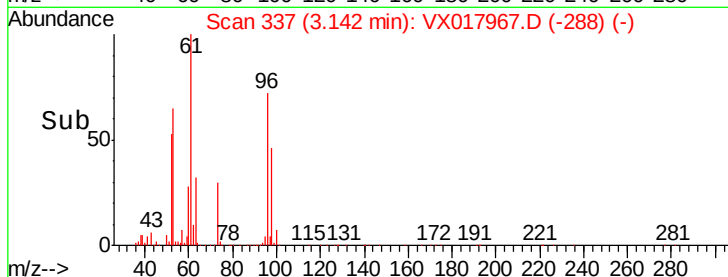
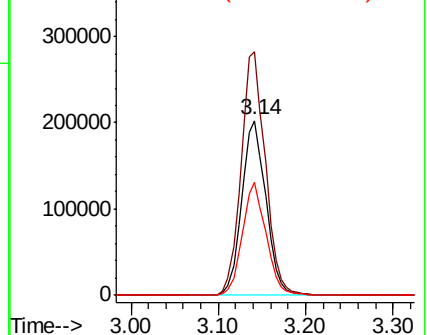
98 64.4 51.4 77.0



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



#22

Diisopropyl ether

Concen: 106.673 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.00 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

Tgt Ion: 45 Resp: 1563427

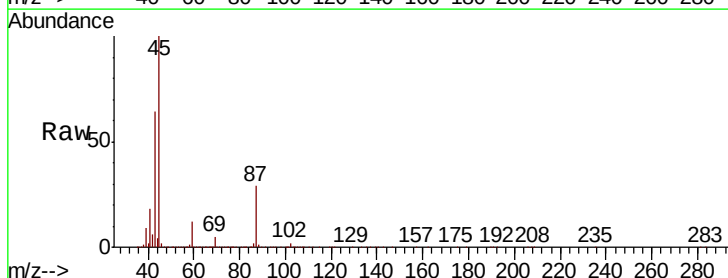
Ion Ratio Lower Upper

45 100

43 64.2 51.5 77.3

87 29.1 22.6 33.8

59 11.5 9.0 13.4

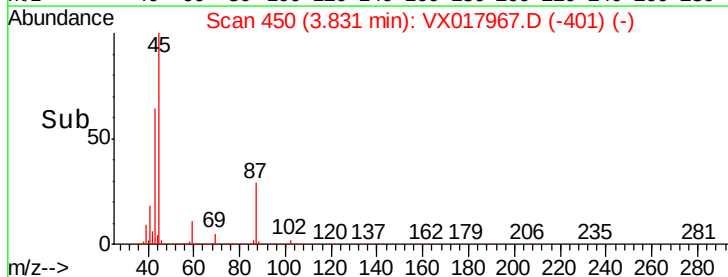
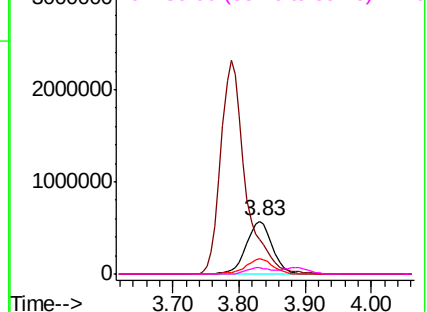


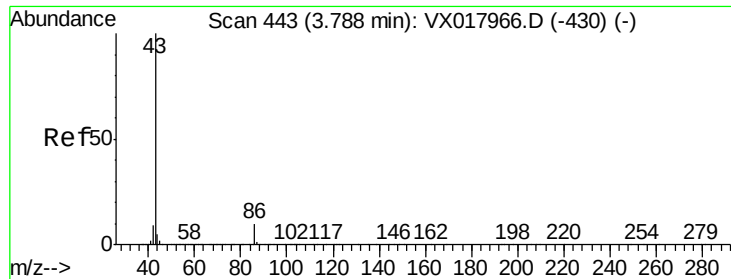
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 473.842 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

Instrument :

MSVOA_X

ClientSampled :

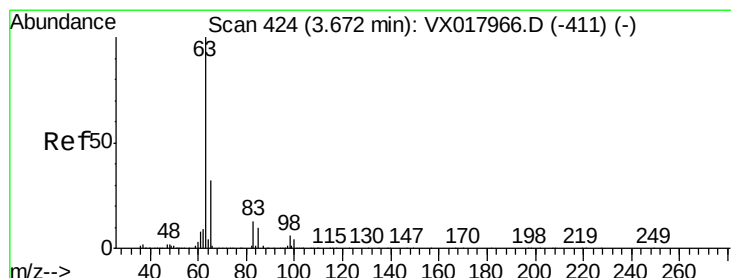
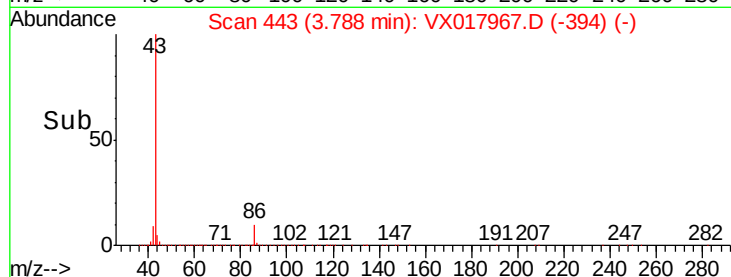
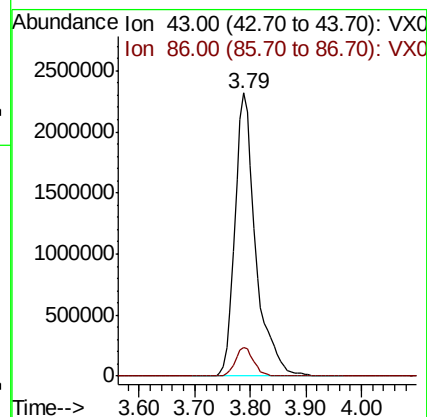
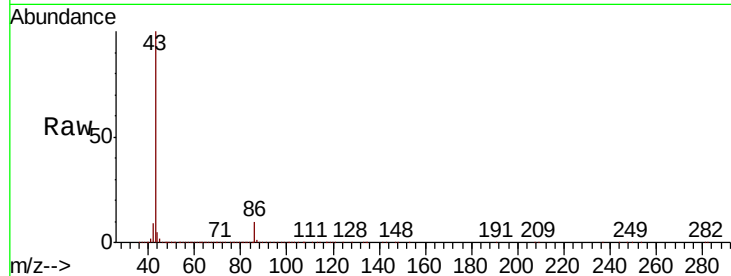
VSTDIC100

Tot Ion: 43 Resp: 5978234

Ion Ratio Lower Upper

43 100

86 10.3 8.1 12.1



#24

1,1-Dichloroethane

Concen: 93.042 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

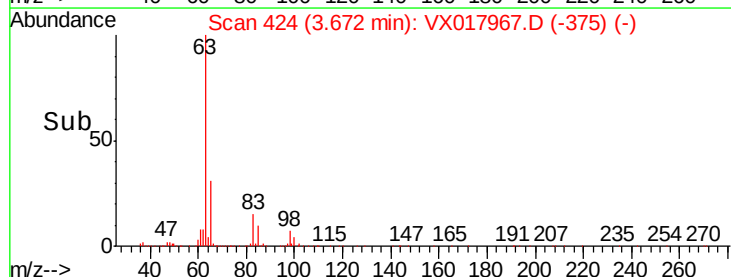
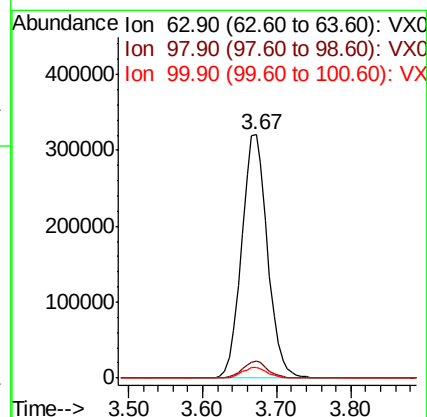
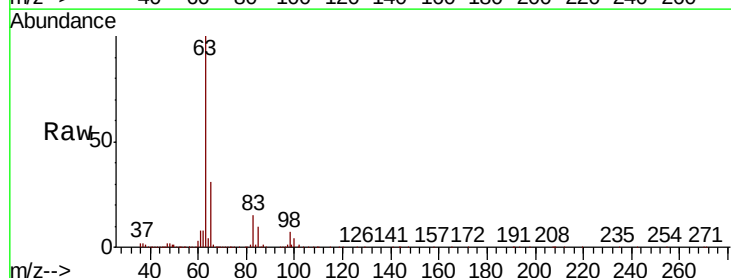
Tgt Ion: 63 Resp: 780726

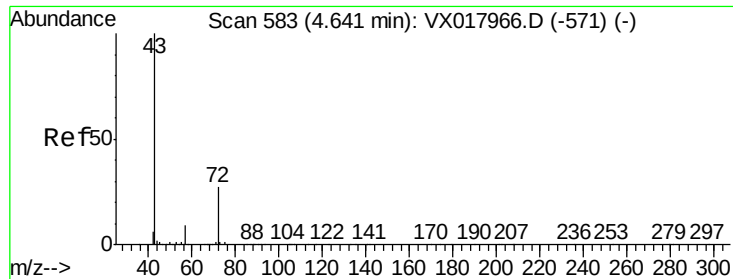
Ion Ratio Lower Upper

63 100

98 6.8 3.0 9.0

100 4.4 2.0 5.8

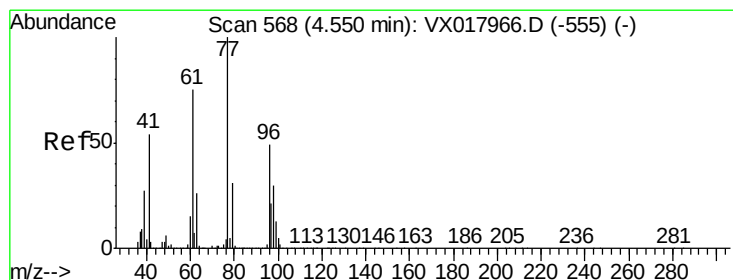
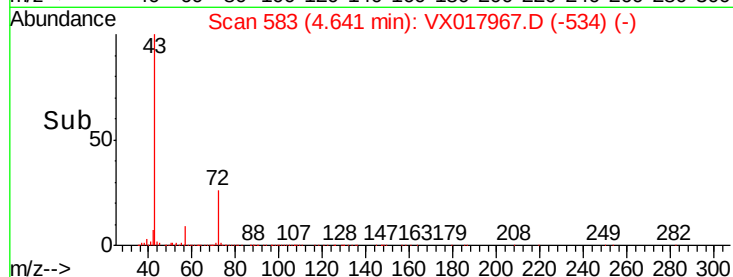
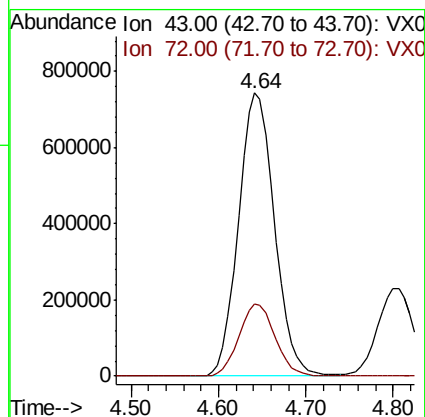
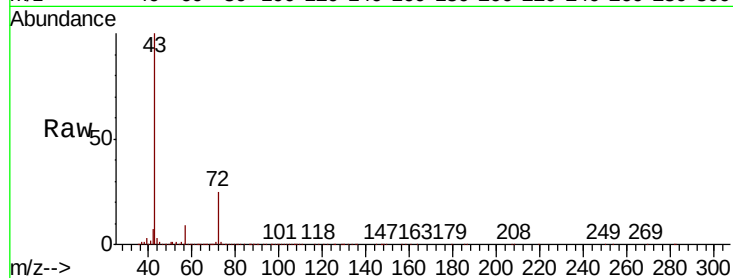




#25
2-Butanone
Concen: 615.834 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.00 min
Lab File: VX017967.D
Acq: 18 Aug 2020 19:21

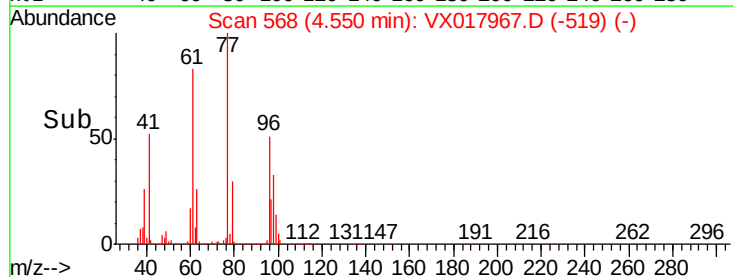
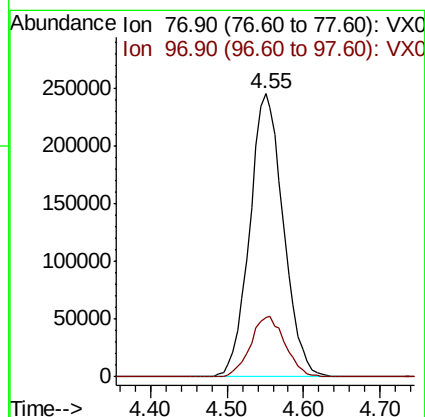
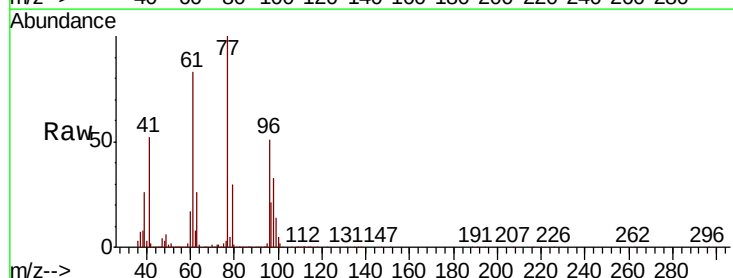
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

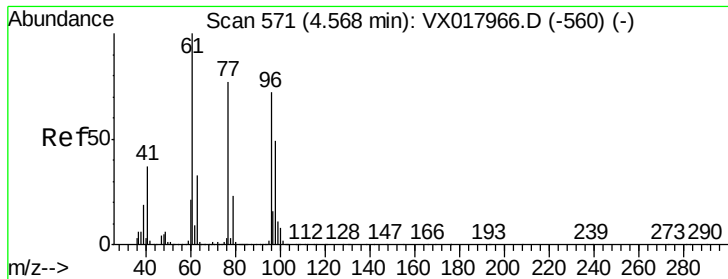
Tot Ion: 43 Resp: 2120589
Ion Ratio Lower Upper
43 100
72 25.4 21.4 32.2



#26
2,2-Dichloropropane
Concen: 99.942 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.00 min
Lab File: VX017967.D
Acq: 18 Aug 2020 19:21

Tgt Ion: 77 Resp: 754496
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.9



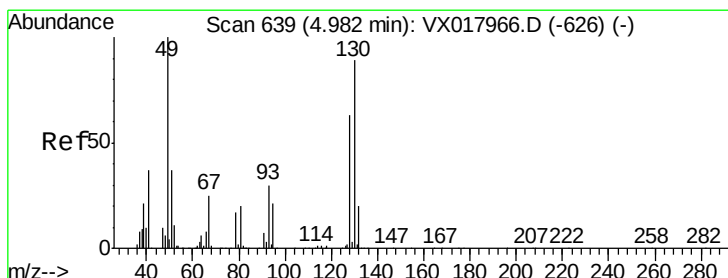
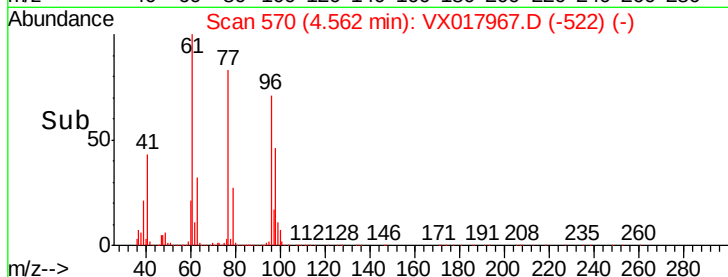
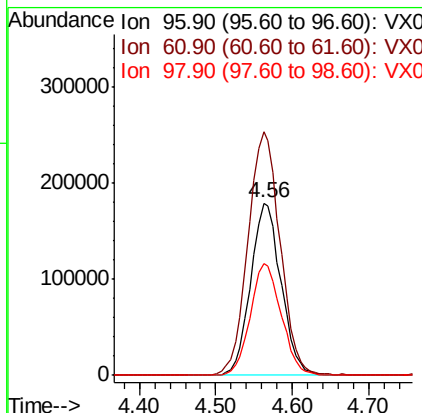
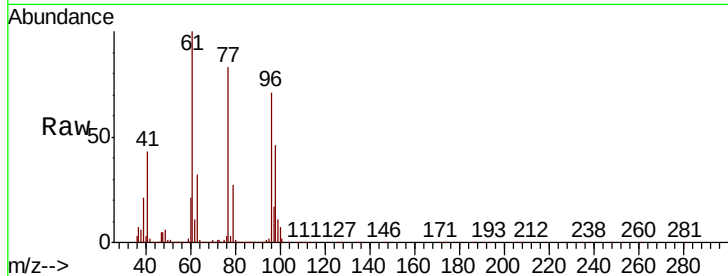


#27

cis-1,2-Dichloroethene
 Concen: 97.776 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX017967.D
 Acq: 18 Aug 2020 19:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

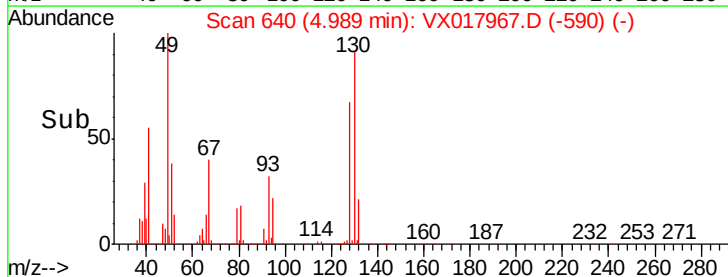
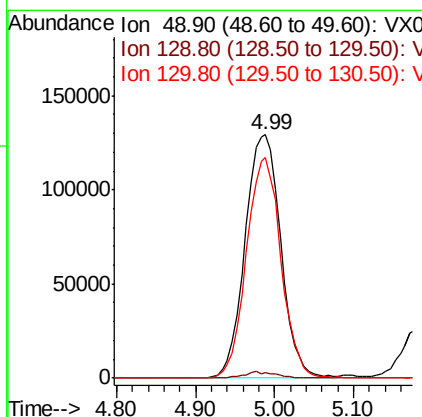
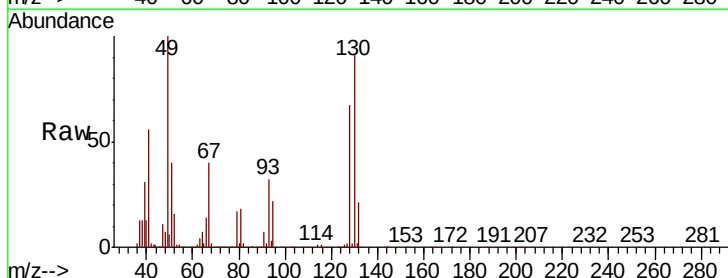
Tot Ion	Ratio	Lower	Upper
96	100		
61	149.9	0.0	298.8
98	66.1	0.0	130.2

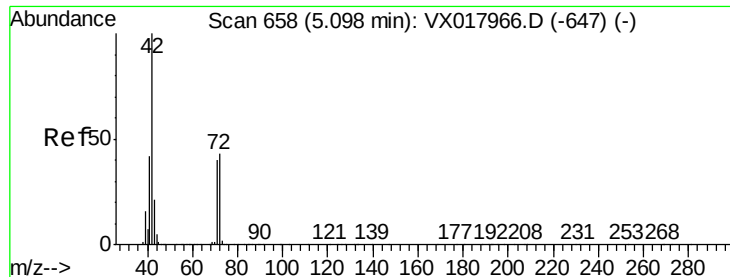


#28

Bromochloromethane
 Concen: 105.374 ug/l
 RT: 4.99 min Scan# 640
 Delta R.T. 0.01 min
 Lab File: VX017967.D
 Acq: 18 Aug 2020 19:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	3.6
130	87.5	68.5	102.7





#29

Tetrahydrofuran

Concen: 592.686 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

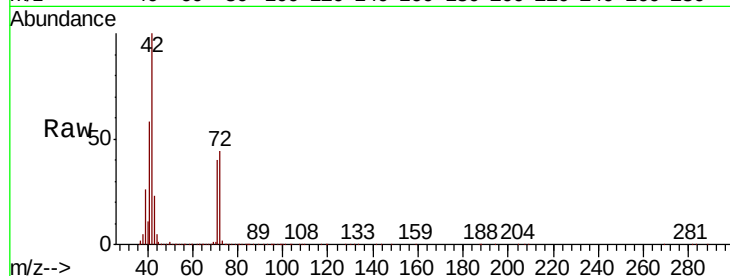
Tot Ion: 42 Resp: 1269783

Ion Ratio Lower Upper

42 100

72 45.1 35.9 53.9

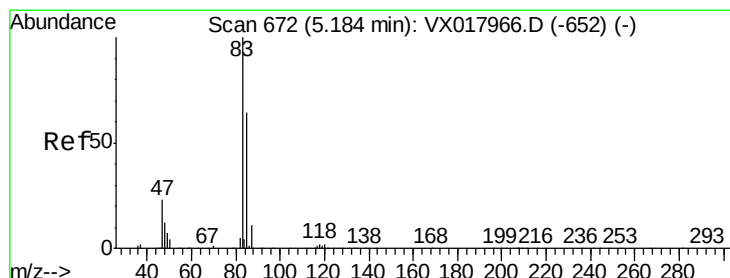
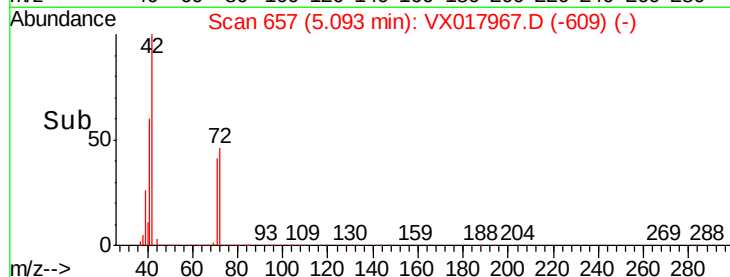
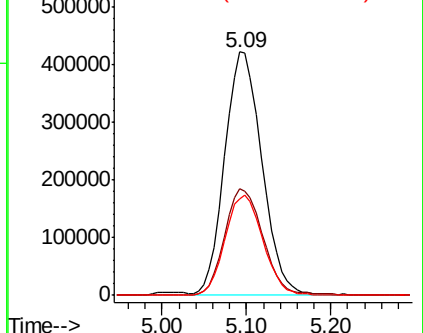
71 41.7 33.0 49.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 106.019 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX017967.D

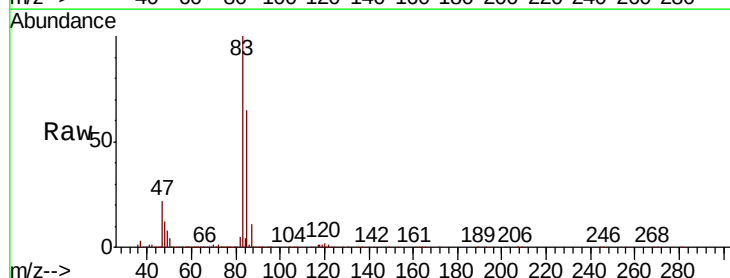
Acq: 18 Aug 2020 19:21

Tgt Ion: 83 Resp: 916627

Ion Ratio Lower Upper

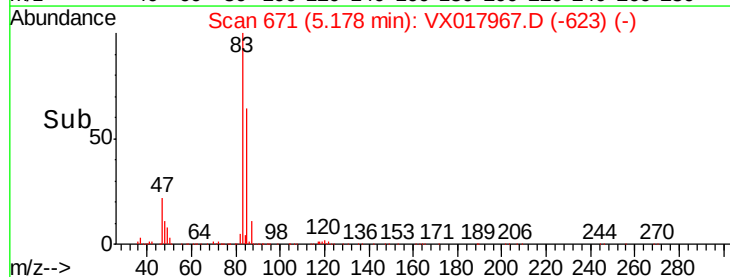
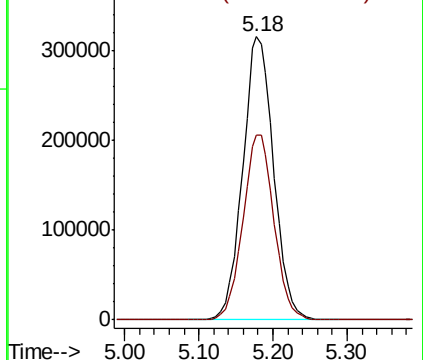
83 100

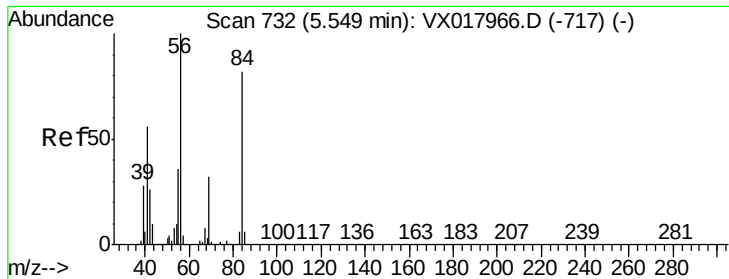
85 65.3 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

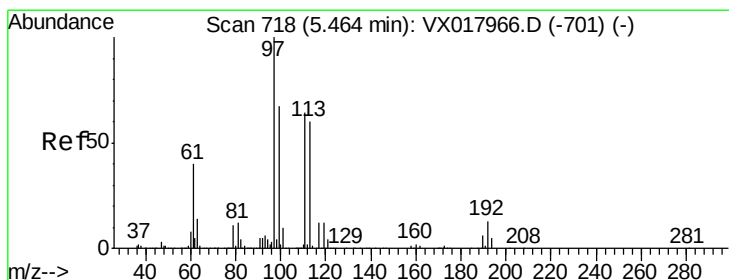
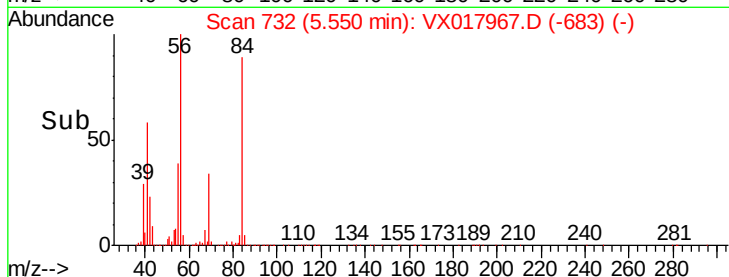
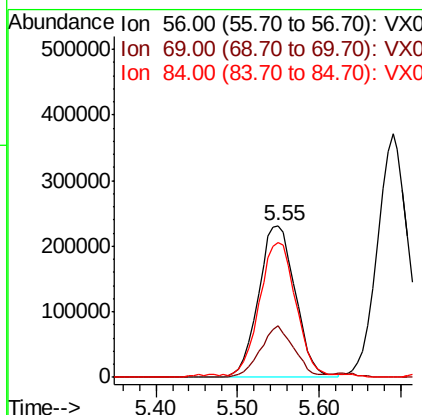
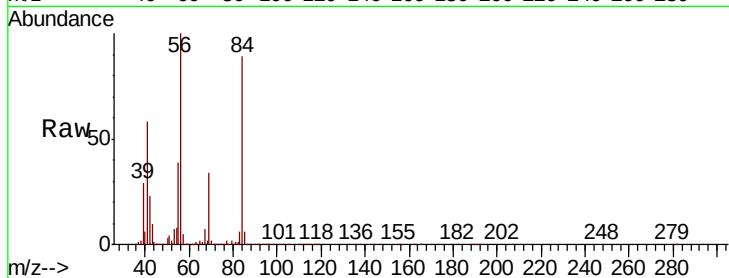




#31
Cyclohexane
Concen: 106.590 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX017967.D
Acq: 18 Aug 2020 19:21

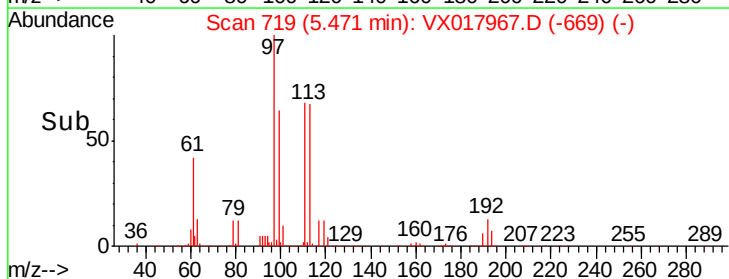
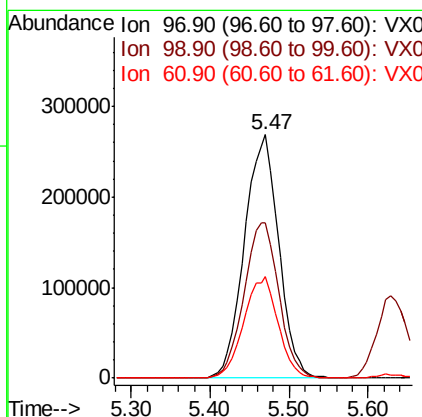
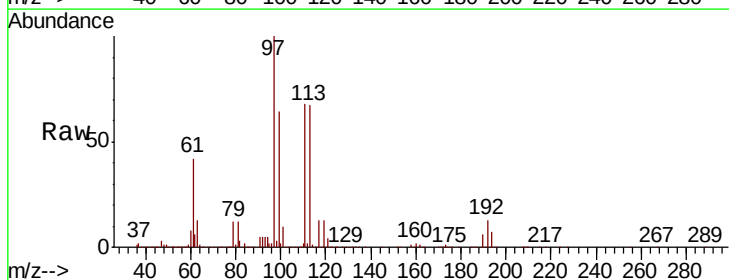
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

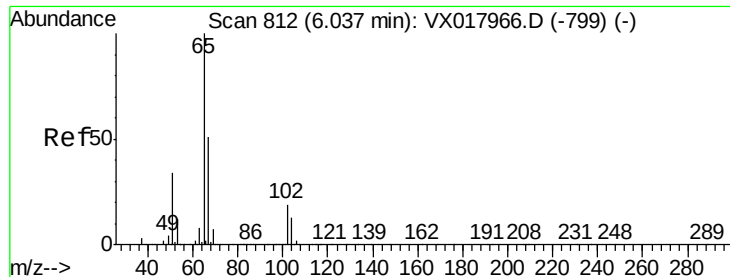
Tot Ion:	56	Resp:	727605
Ion	Ratio	Lower	Upper
56	100		
69	33.9	25.3	37.9
84	88.0	65.3	97.9



#32
1,1,1-Trichloroethane
Concen: 100.091 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX017967.D
Acq: 18 Aug 2020 19:21

Tgt Ion:	97	Resp:	813523
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.4	77.0
61	41.9	33.7	50.5

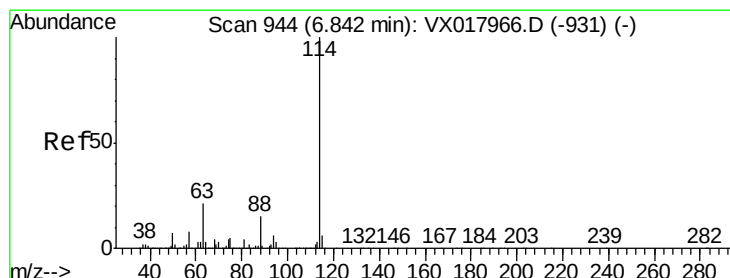
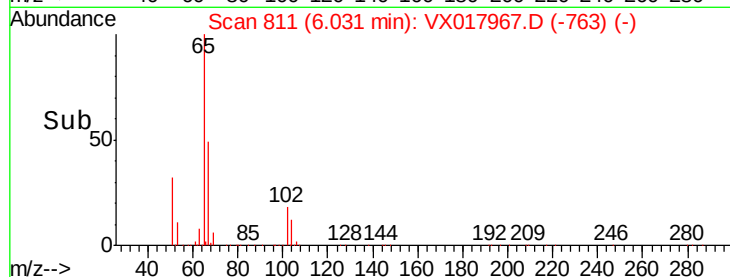
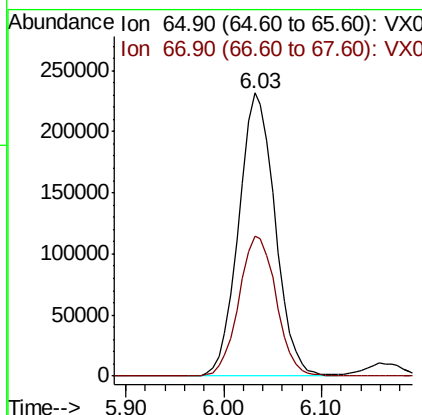
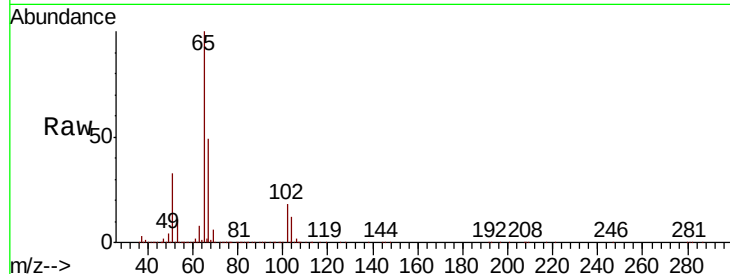




#33
 1,2-Dichloroethane-d4
 Concen: 109.659 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: VX017967.D
 Acq: 18 Aug 2020 19:21

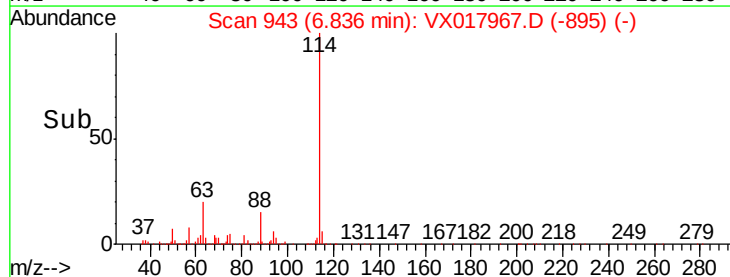
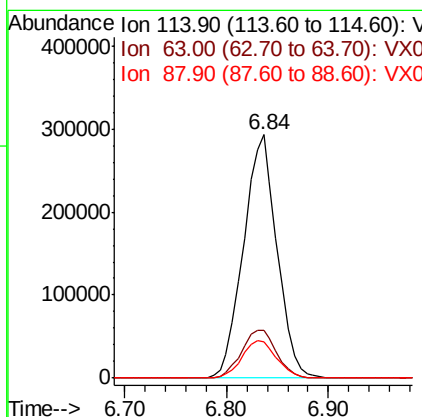
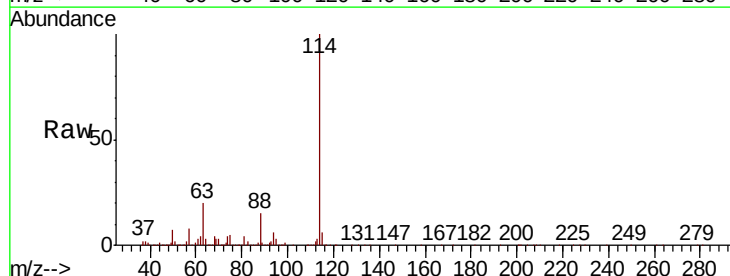
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

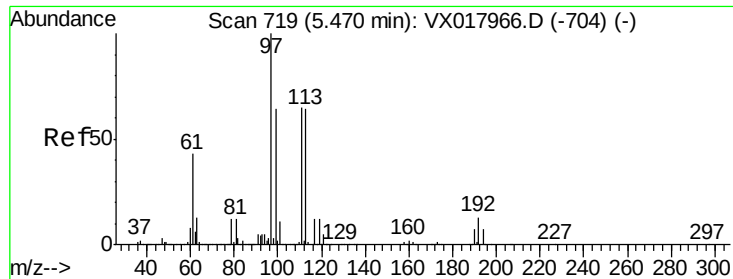
Tot Ion: 65 Resp: 602035
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: VX017967.D
 Acq: 18 Aug 2020 19:21

Tgt Ion: 114 Resp: 670281
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 42.6
 88 14.9 0.0 30.2

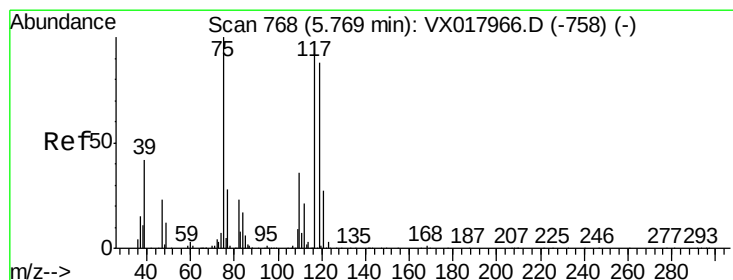
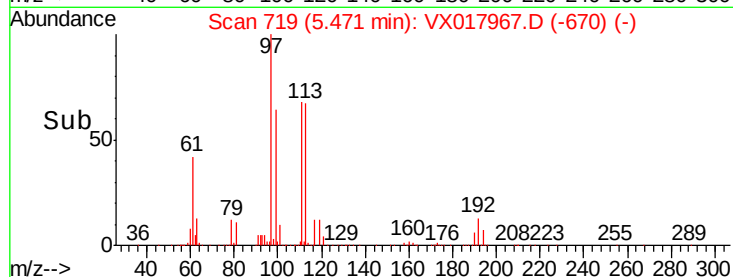
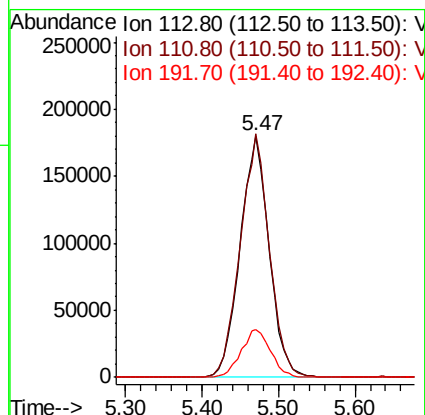
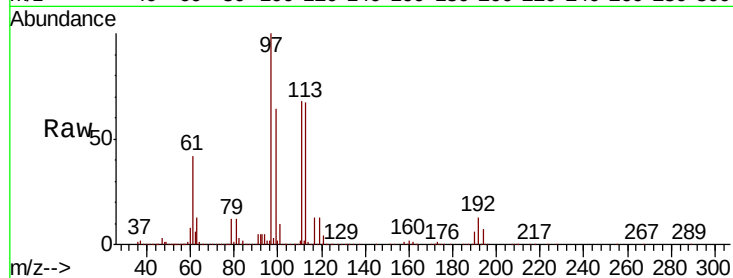




#35
 Dibromofluoromethane
 Concen: 104.968 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: VX017967.D
 Acq: 18 Aug 2020 19:21

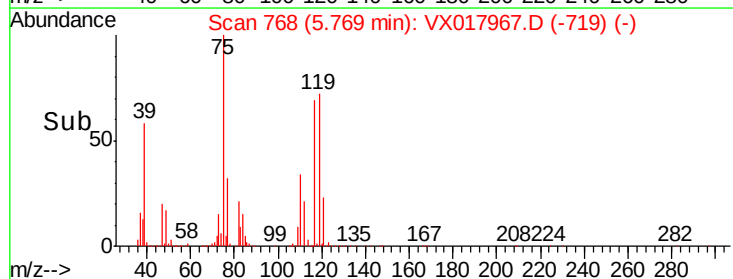
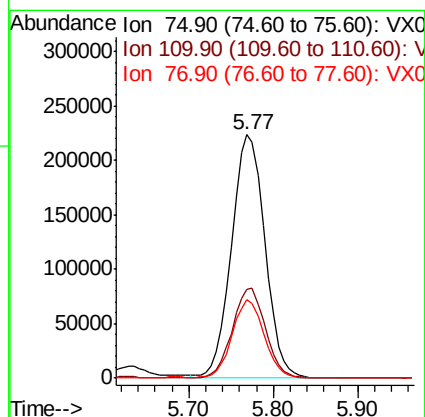
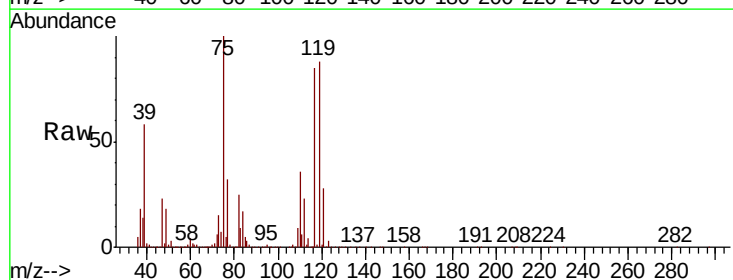
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

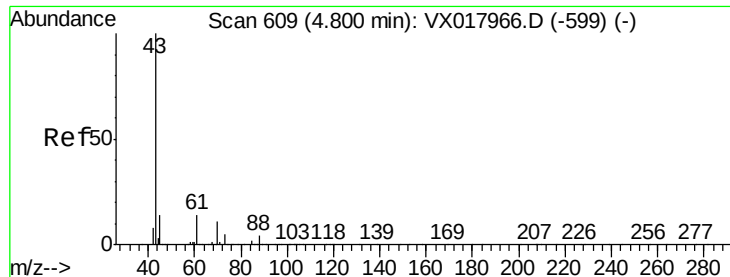
Tot Ion:113 Resp: 473103
 Ion Ratio Lower Upper
 113 100
 111 101.2 83.5 125.3
 192 20.2 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 93.950 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX017967.D
 Acq: 18 Aug 2020 19:21

Tgt Ion: 75 Resp: 599875
 Ion Ratio Lower Upper
 75 100
 110 36.6 18.7 56.1
 77 31.1 24.4 36.6

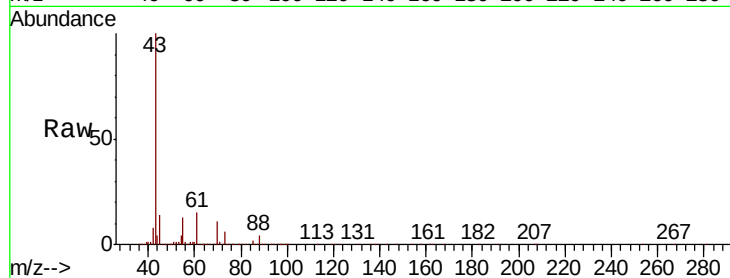




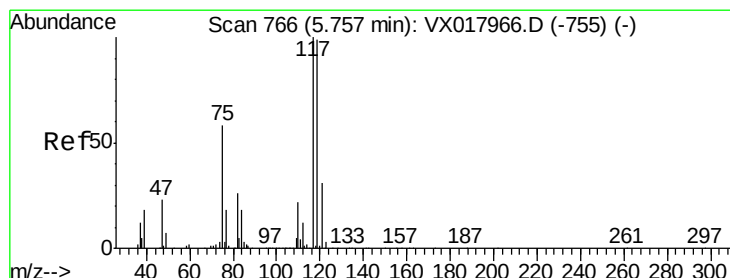
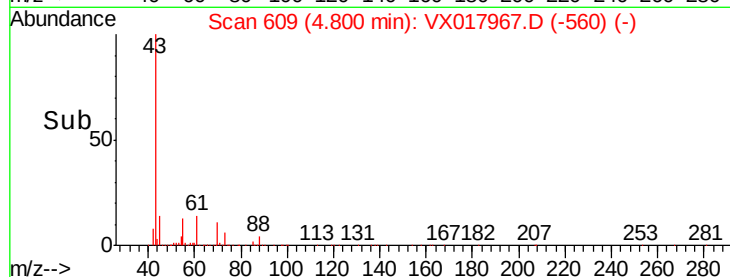
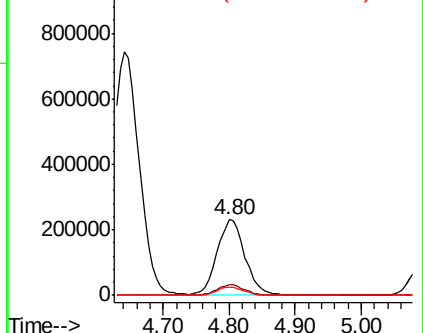
#37
Ethyl Acetate
Concen: 98.364 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX017967.D
Acq: 18 Aug 2020 19:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:	43	Resp:	675800
Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.3	16.9
70	10.9	8.5	12.7

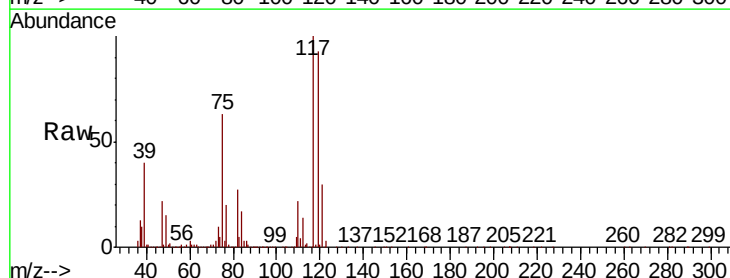


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

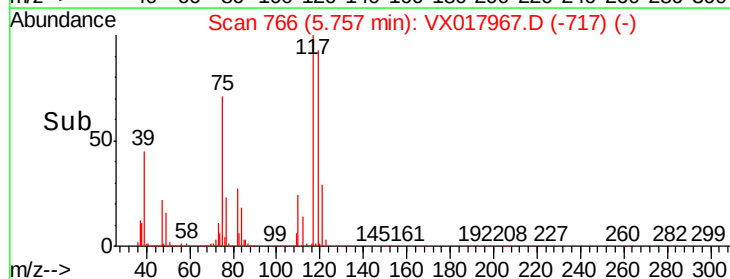
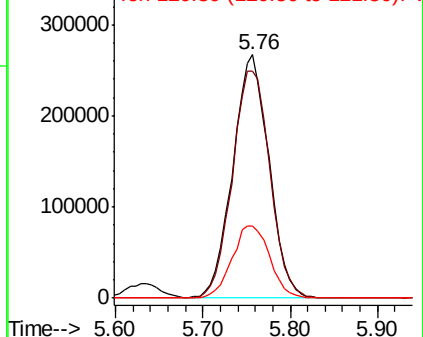


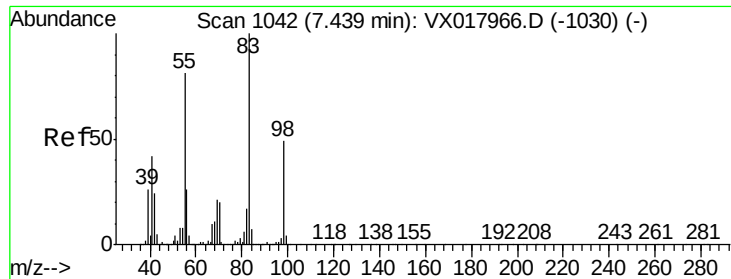
#38
Carbon Tetrachloride
Concen: 97.633 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX017967.D
Acq: 18 Aug 2020 19:21

Tgt Ion:	117	Resp:	764915
Ion	Ratio	Lower	Upper
117	100		
119	93.2	79.0	118.6
121	29.6	24.7	37.1



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

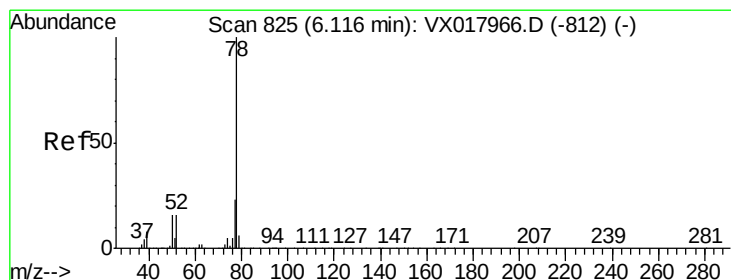
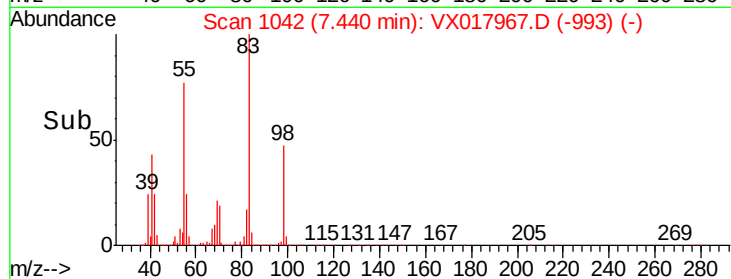
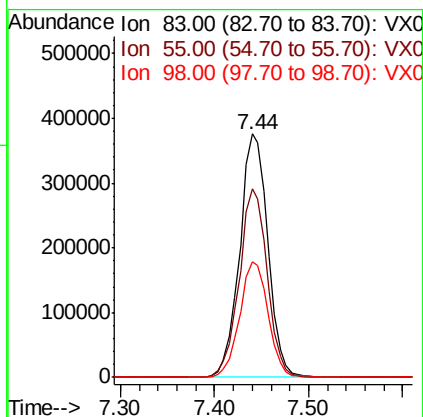
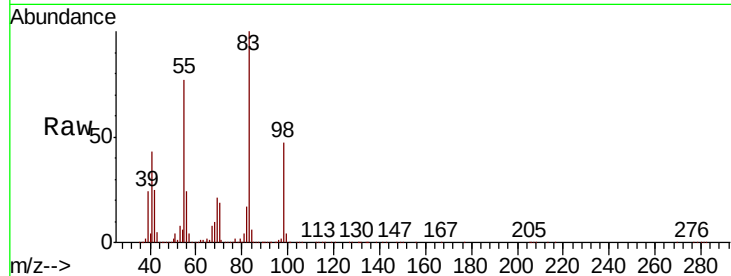




#39
Methylvlcyclohexane
Concen: 104.330 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017967.D
Acq: 18 Aug 2020 19:21

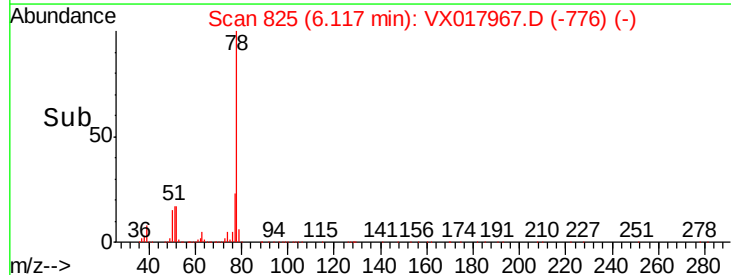
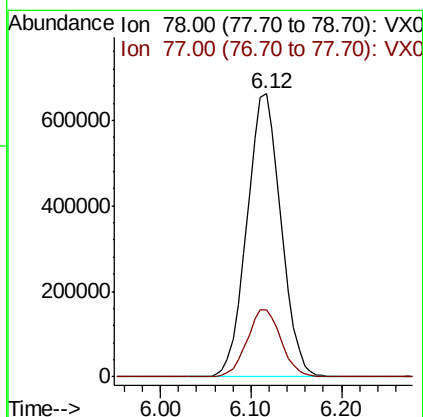
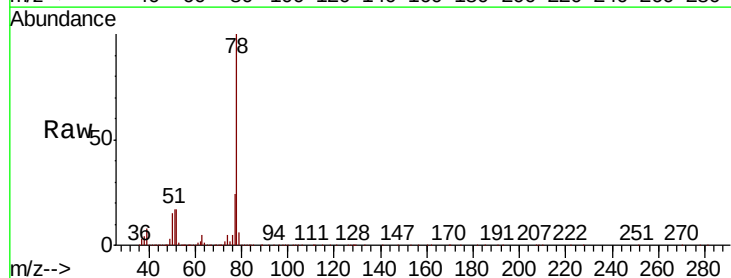
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

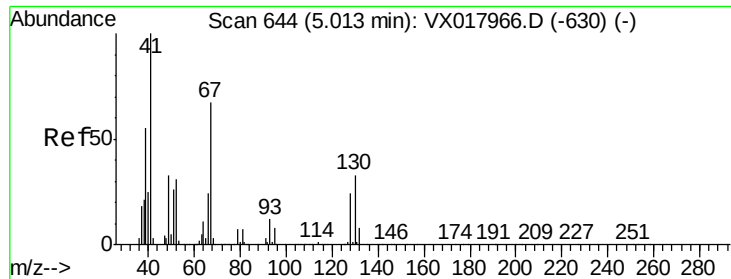
Tot Ion	Ratio	Lower	Upper
83	100		
55	77.3	64.5	96.7
98	47.4	39.0	58.6



#40
Benzene
Concen: 94.393 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX017967.D
Acq: 18 Aug 2020 19:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2





#41

Methacrylonitrile

Concen: 106.347 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.01 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 41 Resp: 426952

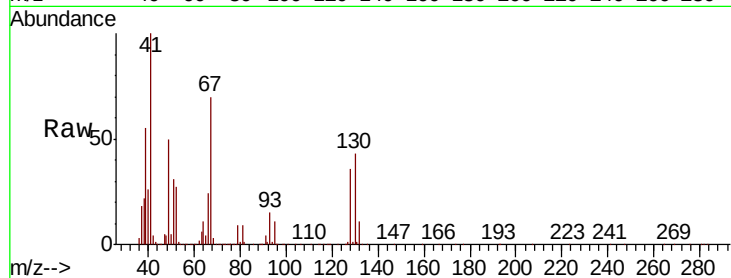
Ion Ratio Lower Upper

41 100

39 54.5 44.8 67.2

67 71.3 57.5 86.3

52 29.7 25.6 38.4

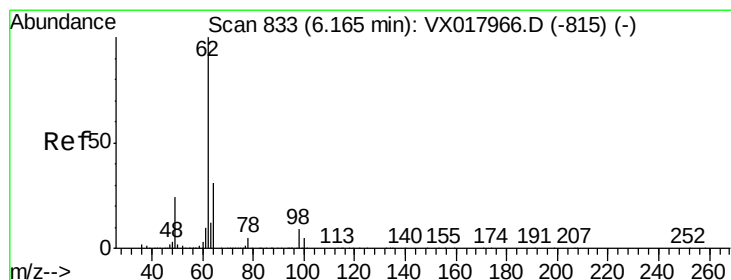
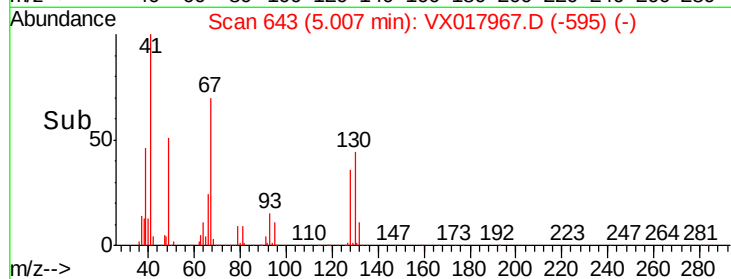
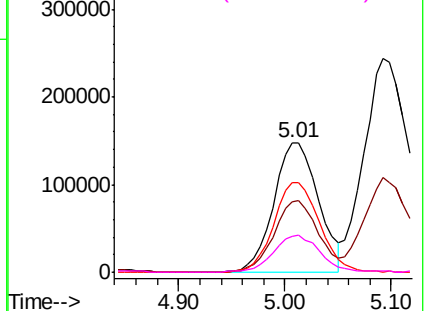


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 96.968 ug/l

RT: 6.17 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX017967.D

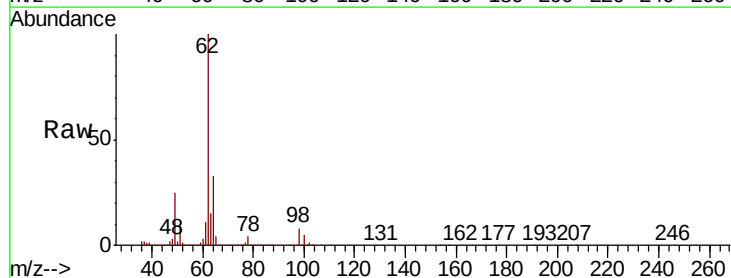
Acq: 18 Aug 2020 19:21

Tgt Ion: 62 Resp: 726223

Ion Ratio Lower Upper

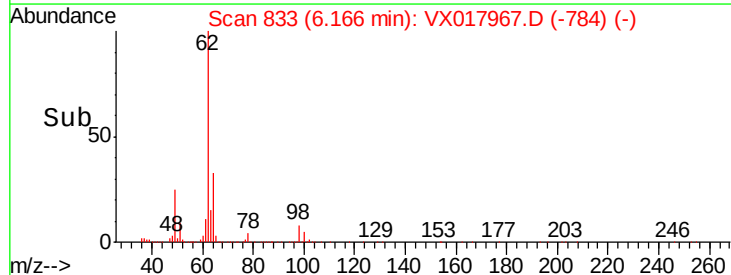
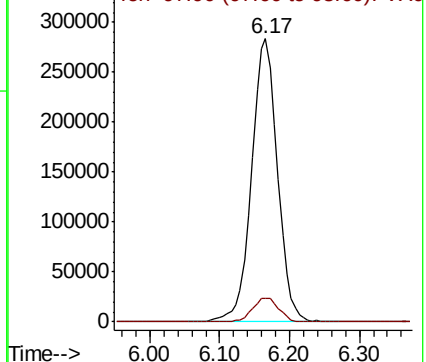
62 100

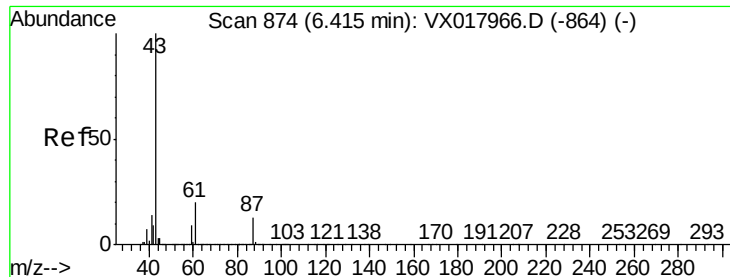
98 8.7 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 100.265 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

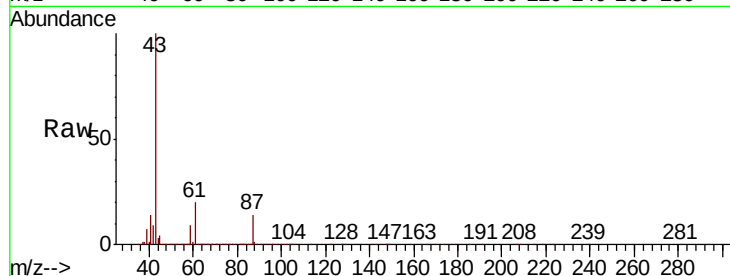
Tot Ion: 43 Resp: 1127142

Ion Ratio Lower Upper

43 100

61 19.8 16.2 24.4

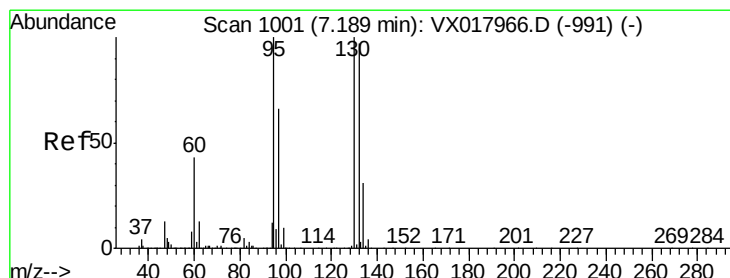
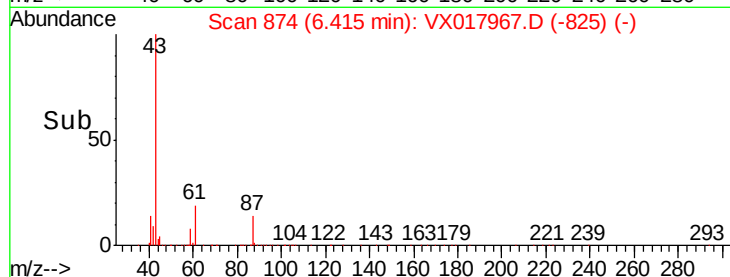
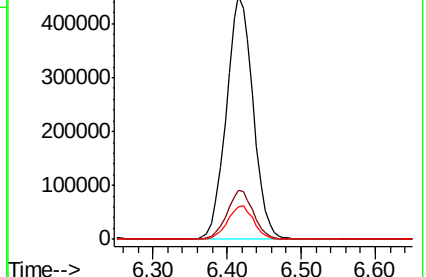
87 13.7 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX017966.D (-864) (-)

Ion 61.00 (60.70 to 61.70): VX017966.D (-864) (-)

Ion 87.00 (86.70 to 87.70): VX017966.D (-864) (-)



#44

Trichloroethene

Concen: 95.720 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017967.D

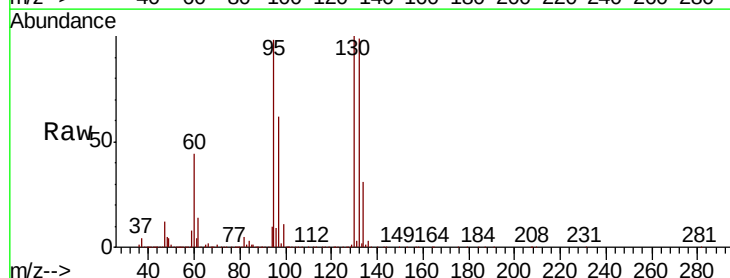
Acq: 18 Aug 2020 19:21

Tgt Ion:130 Resp: 514181

Ion Ratio Lower Upper

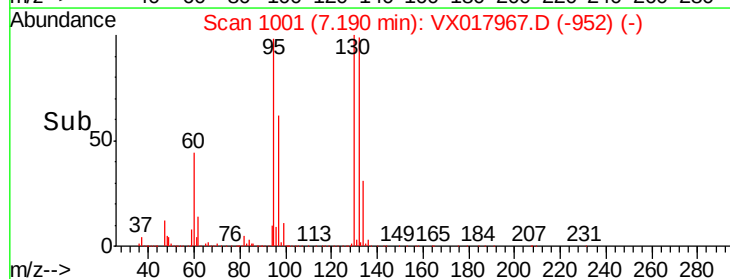
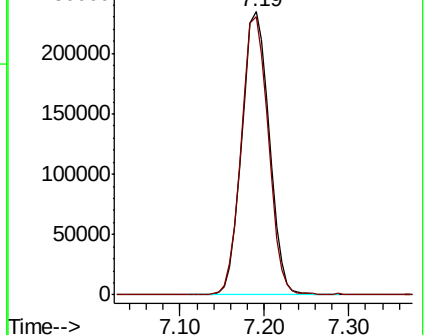
130 100

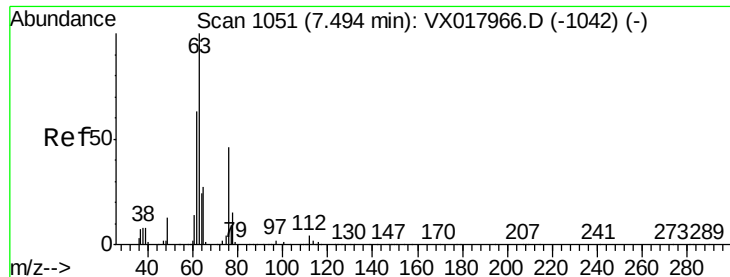
95 98.3 0.0 200.6



Abundance Ion 129.80 (129.50 to 130.50): VX017966.D (-991) (-)

Ion 94.90 (94.60 to 95.60): VX017966.D (-991) (-)

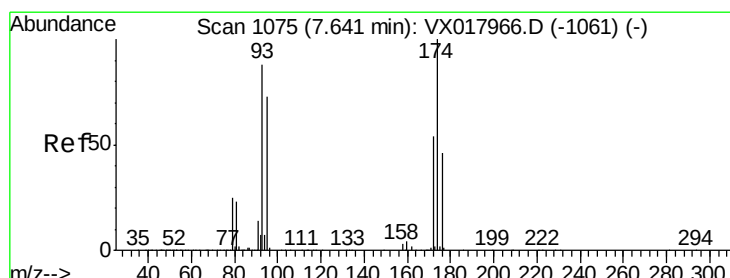
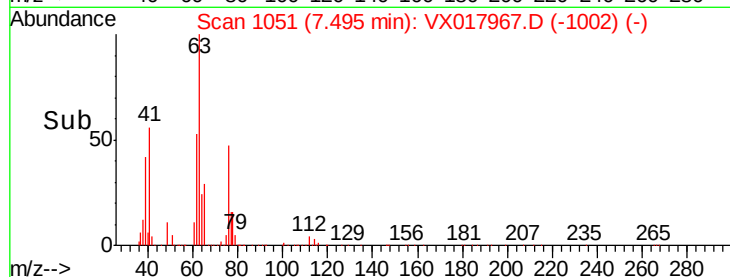
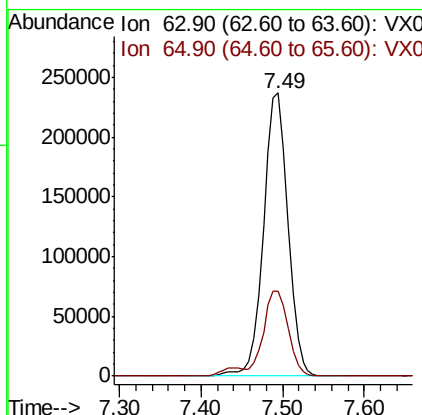
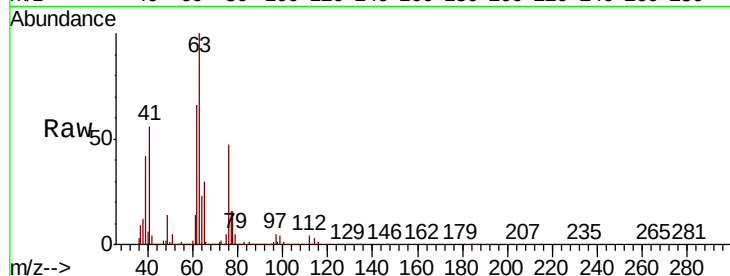




#45
 1,2-Dichloropropane
 Concen: 96.277 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VX017967.D
 Acq: 18 Aug 2020 19:21

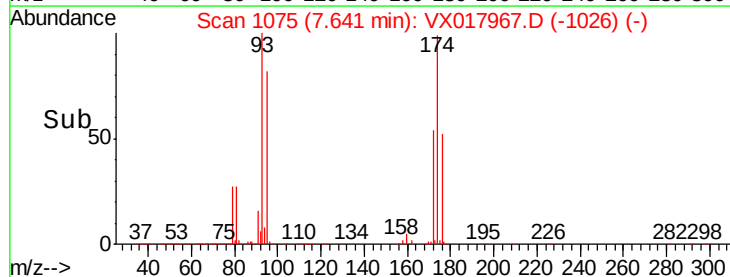
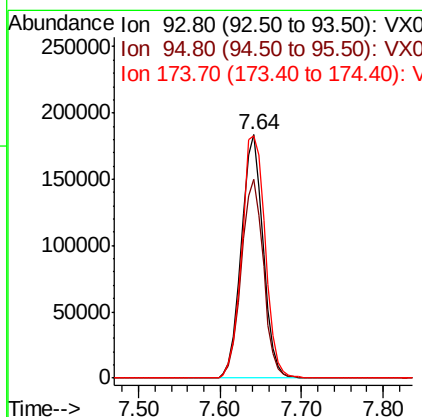
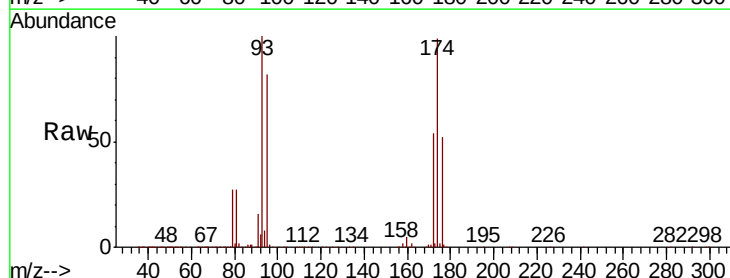
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

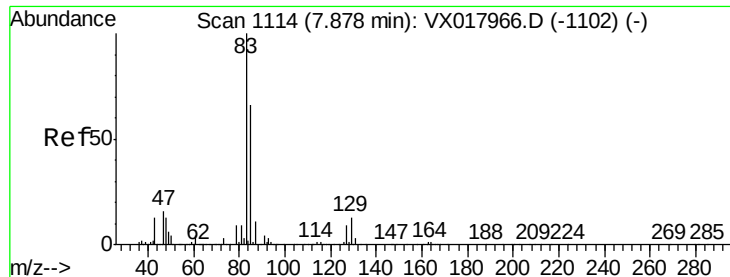
Tot Ion: 63 Resp: 494037
 Ion Ratio Lower Upper
 63 100
 65 30.1 23.8 35.8



#46
 Dibromomethane
 Concen: 93.422 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX017967.D
 Acq: 18 Aug 2020 19:21

Tgt Ion: 93 Resp: 338072
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.8 100.2
 174 107.5 88.3 132.5





#47

Bromodichloromethane

Concen: 99.113 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

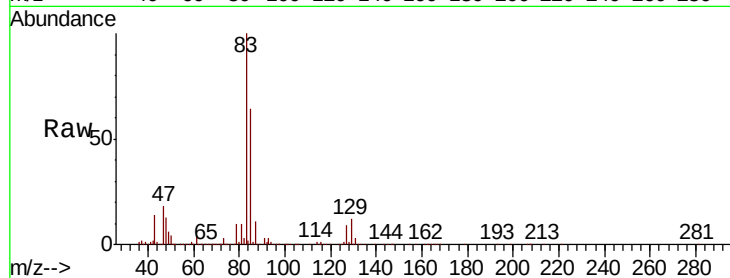
Tot Ion: 83 Resp: 735664

Ion Ratio Lower Upper

83 100

85 63.9 52.4 78.6

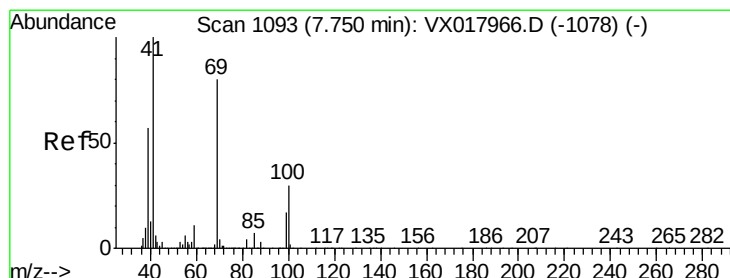
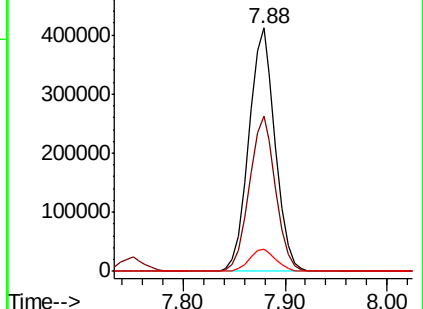
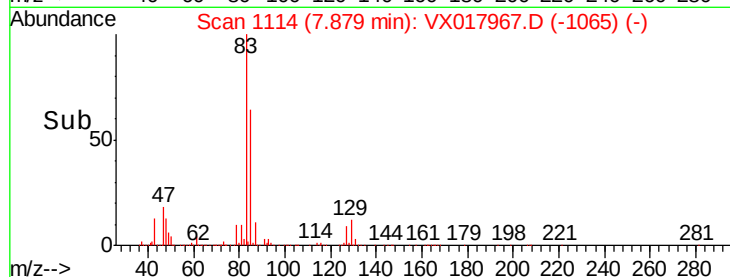
127 9.3 7.0 10.6



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: 100.188 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

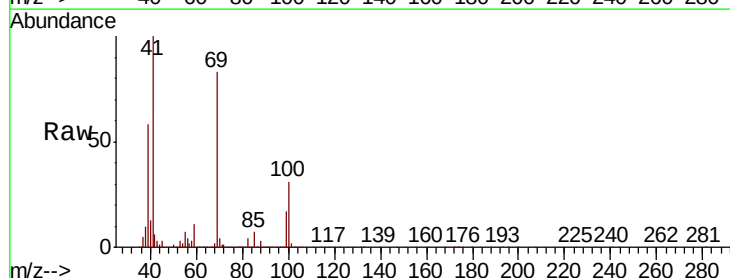
Tgt Ion: 41 Resp: 579290

Ion Ratio Lower Upper

41 100

69 82.0 64.3 96.5

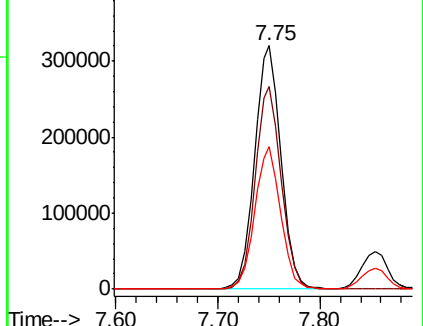
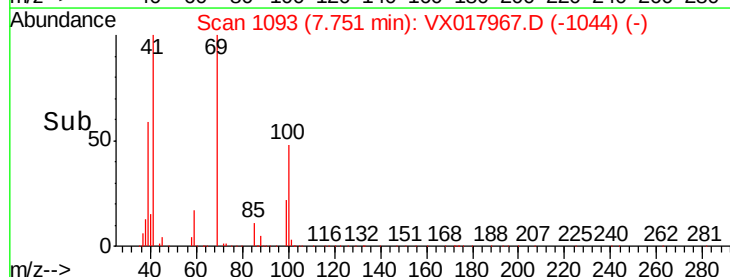
39 57.0 45.3 67.9

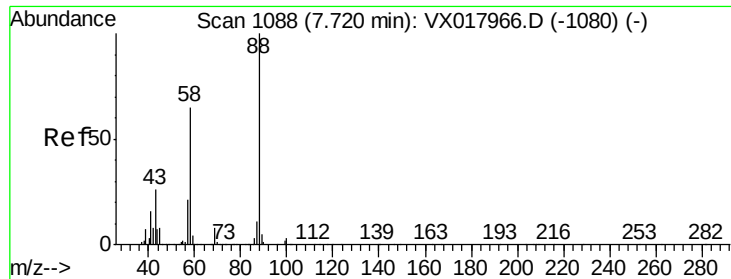


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 2200.966 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

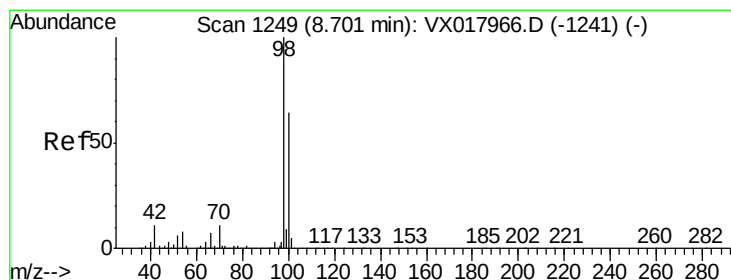
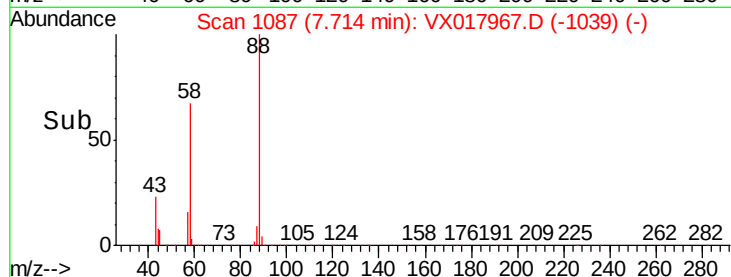
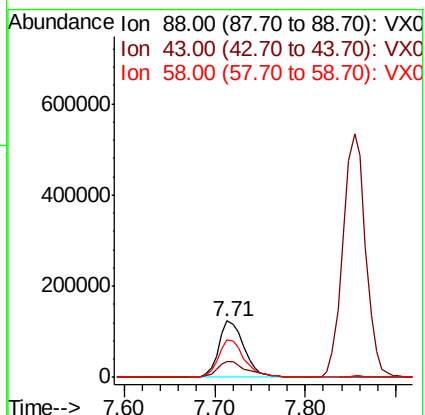
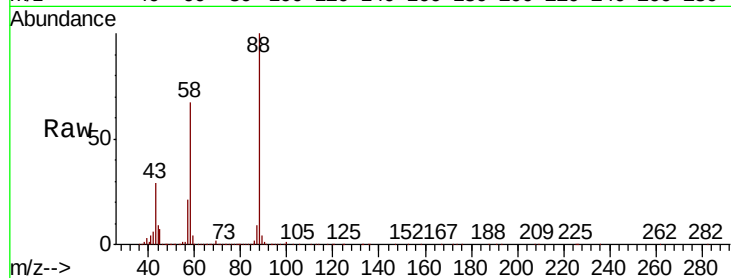
Tot Ion: 88 Resp: 244813

Ion Ratio Lower Upper

88 100

43 33.8 27.3 40.9

58 69.7 57.7 86.5



#50

Toluene-d8

Concen: 105.149 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.01 min

Lab File: VX017967.D

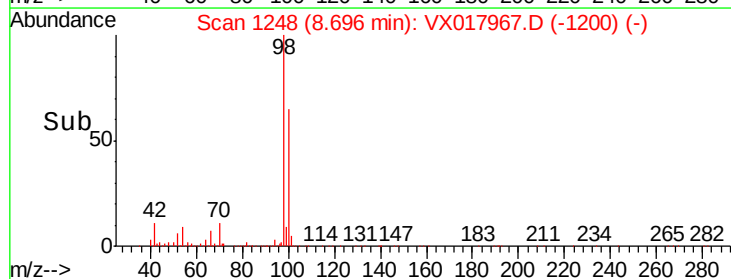
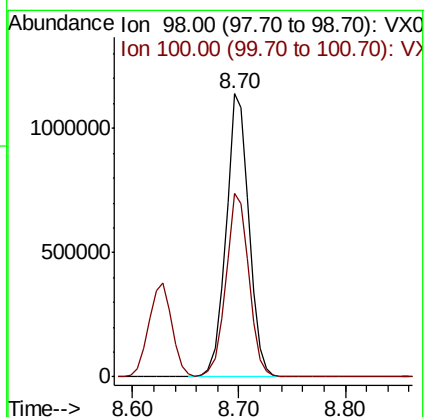
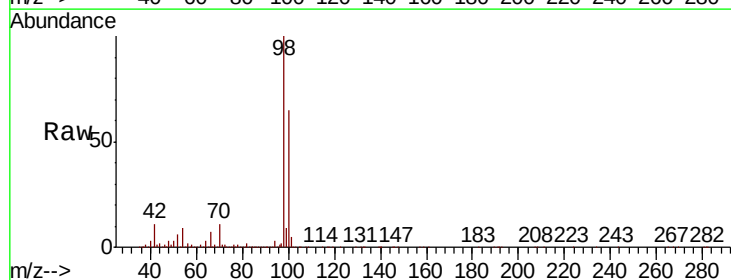
Acq: 18 Aug 2020 19:21

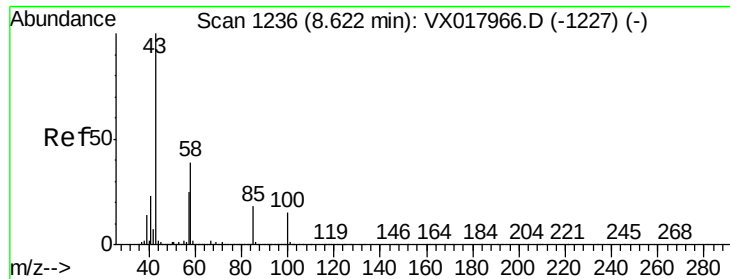
Tgt Ion: 98 Resp: 1707197

Ion Ratio Lower Upper

98 100

100 65.2 51.4 77.2

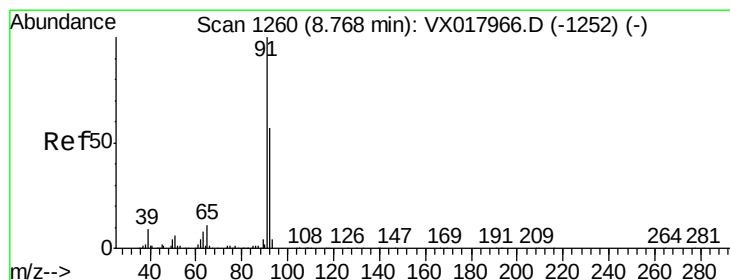
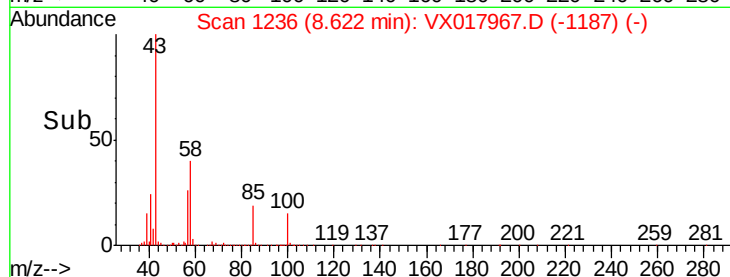
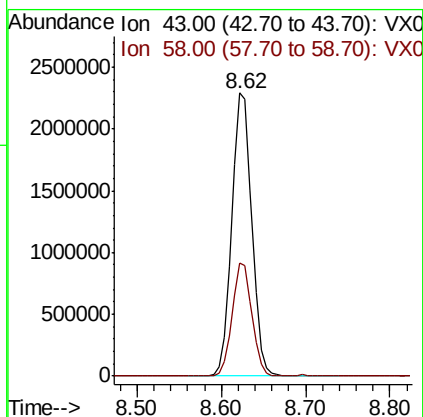
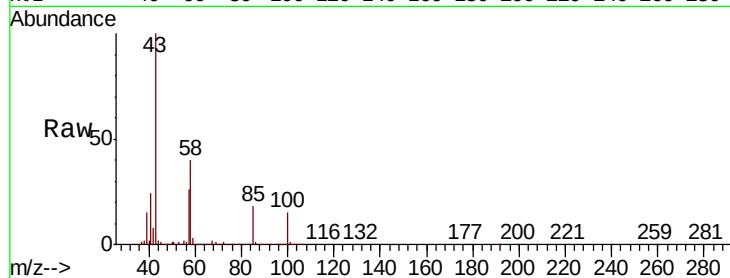




#51
 4-Methyl-2-Pentanone
 Concen: 530.018 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX017967.D
 Acq: 18 Aug 2020 19:21

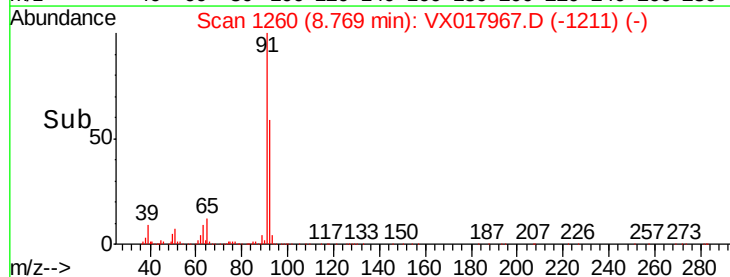
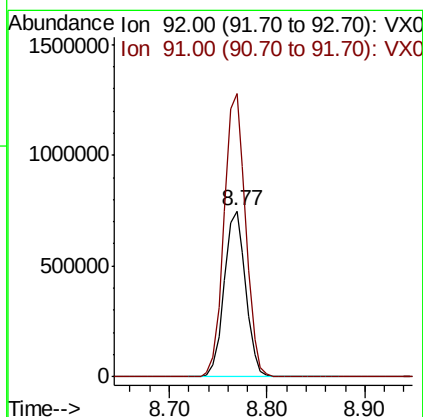
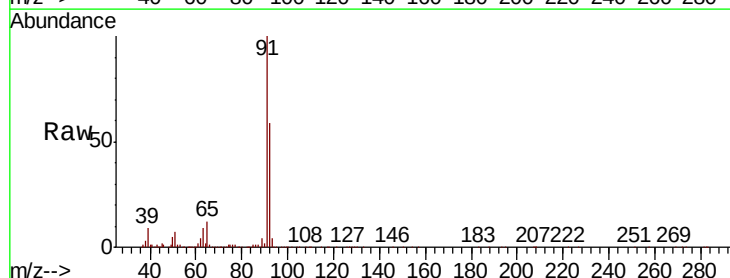
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

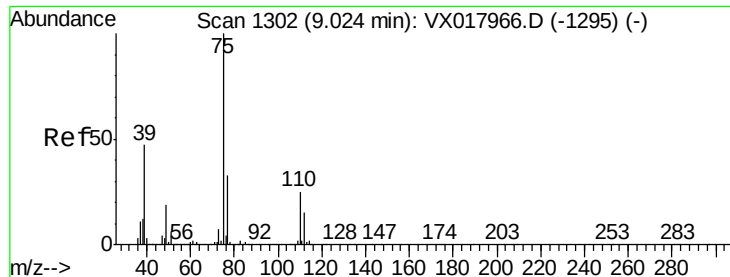
Tot Ion: 43 Resp: 3685092
 Ion Ratio Lower Upper
 43 100
 58 39.4 31.0 46.4



#52
 Toluene
 Concen: 96.451 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VX017967.D
 Acq: 18 Aug 2020 19:21

Tgt Ion: 92 Resp: 1136268
 Ion Ratio Lower Upper
 92 100
 91 171.8 138.4 207.6





#53

t-1,3-Dichloropropene

Concen: 101.887 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

Instrument :

MSVOA_X

ClientSampleId :

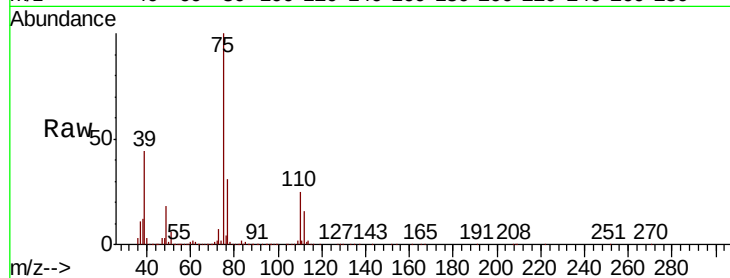
VSTDIC100

Tot Ion: 75 Resp: 818613

Ion Ratio Lower Upper

75 100

77 30.8 26.1 39.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

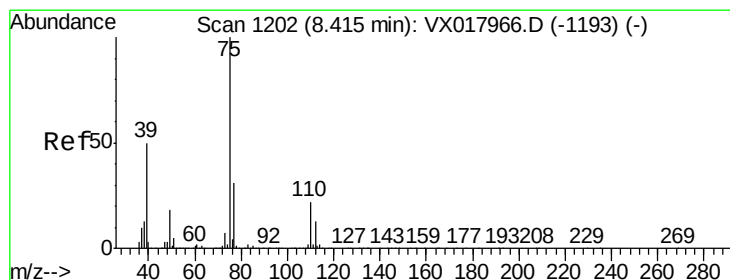
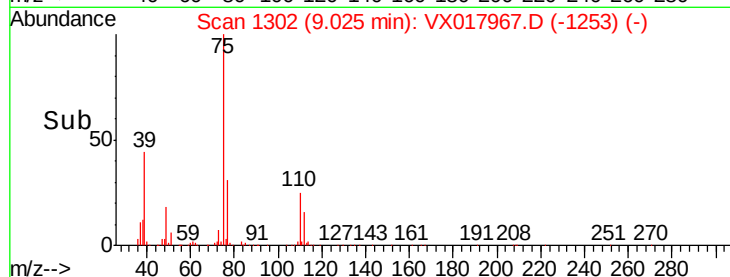
600000

400000

200000

0

Time--> 8.90 9.00 9.10



#54

cis-1,3-Dichloropropene

Concen: 99.303 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

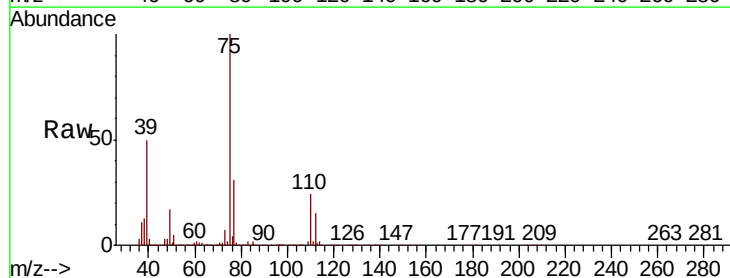
Tgt Ion: 75 Resp: 817722

Ion Ratio Lower Upper

75 100

77 30.5 24.6 36.8

39 50.3 39.7 59.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

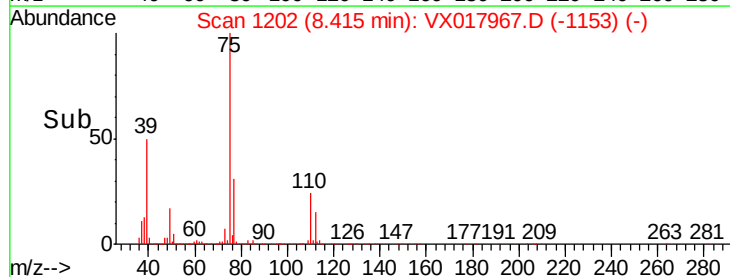
600000

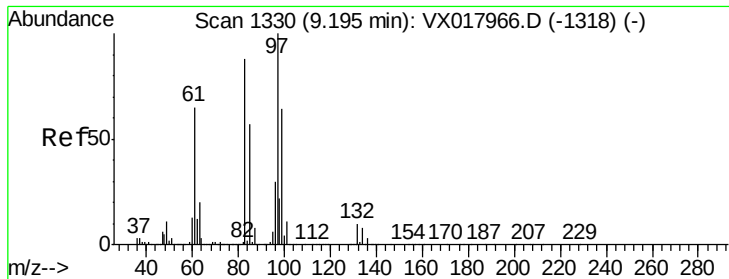
400000

200000

0

Time--> 8.30 8.40 8.50





#55

1,1,2-Trichloroethane

Concen: 100.668 ug/l

RT: 9.20 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 97 Resp: 497857

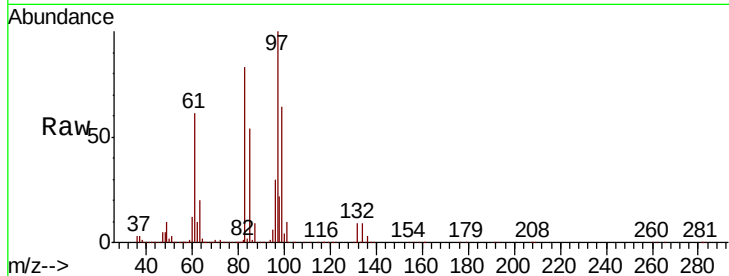
Ion Ratio Lower Upper

97 100

83 83.1 70.1 105.1

85 54.4 45.8 68.8

99 64.1 51.4 77.2

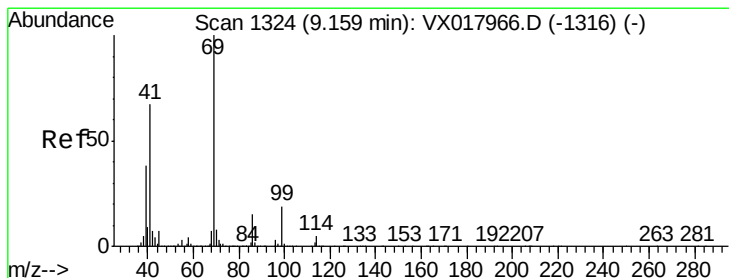
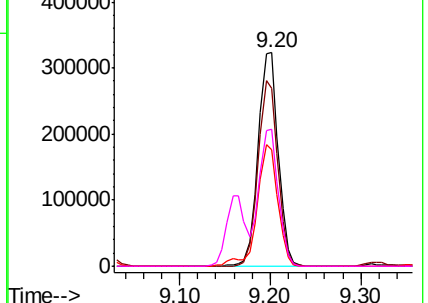
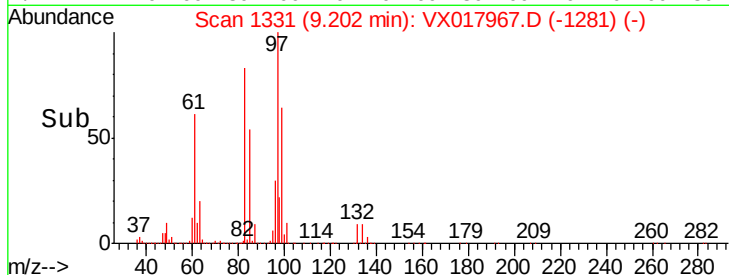


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 106.275 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

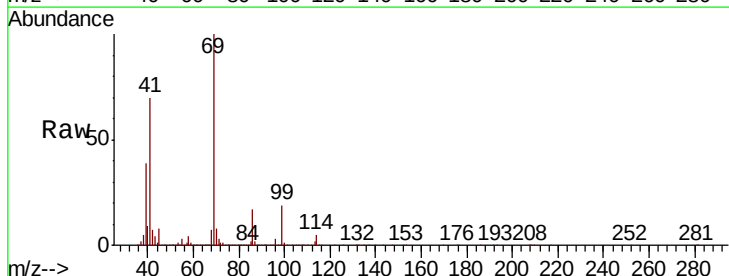
Tgt Ion: 69 Resp: 781410

Ion Ratio Lower Upper

69 100

41 66.9 52.3 78.5

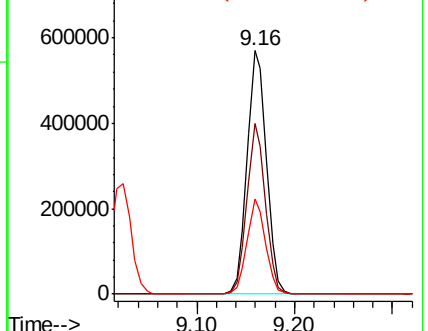
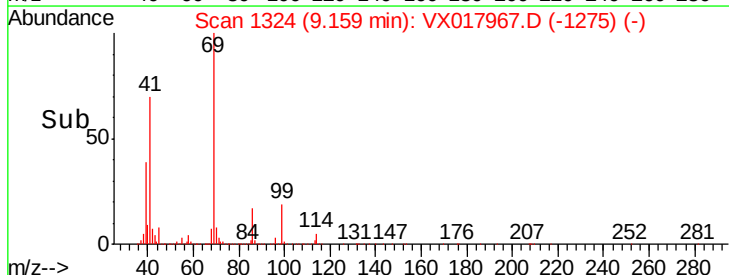
39 37.4 29.2 43.8

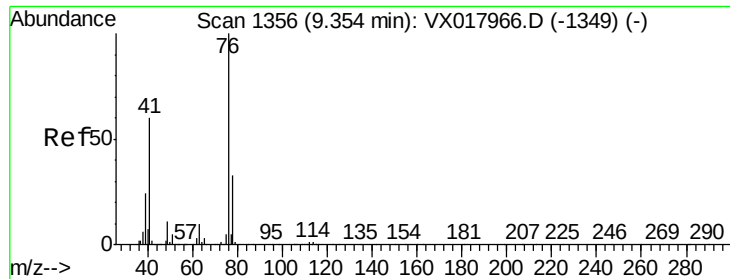


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 98.433 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

Instrument :

MSVOA_X

ClientSampleId :

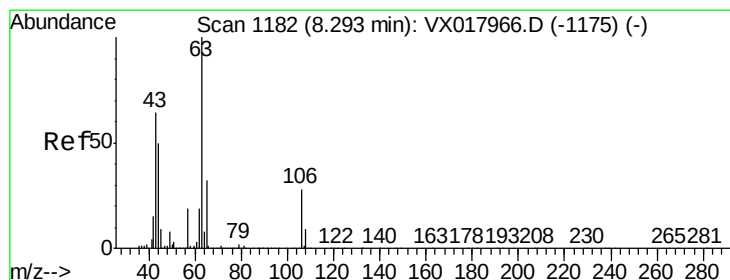
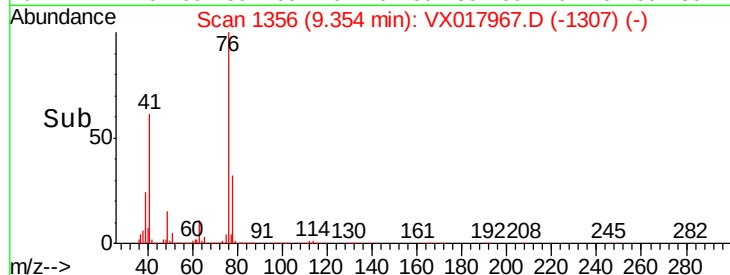
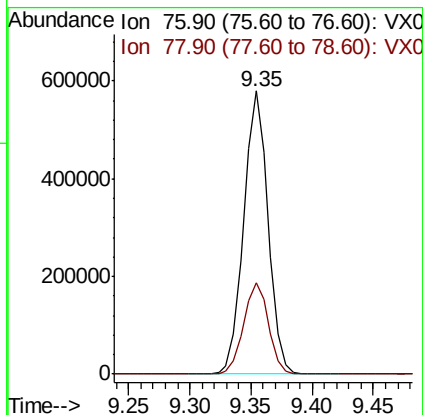
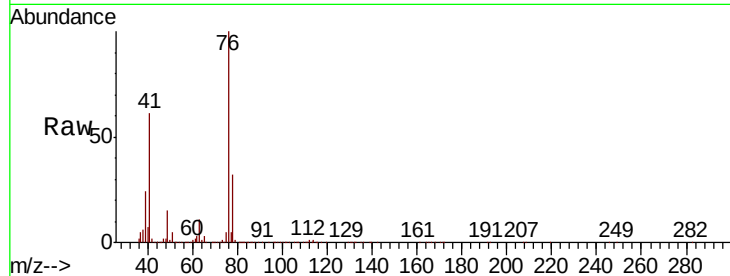
VSTDICC100

Tot Ion: 76 Resp: 797470

Ion Ratio Lower Upper

76 100

78 33.0 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 499.461 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017967.D

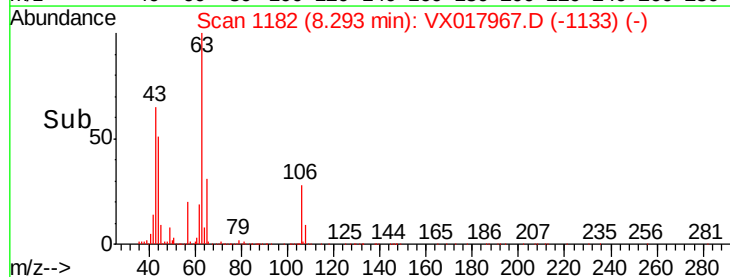
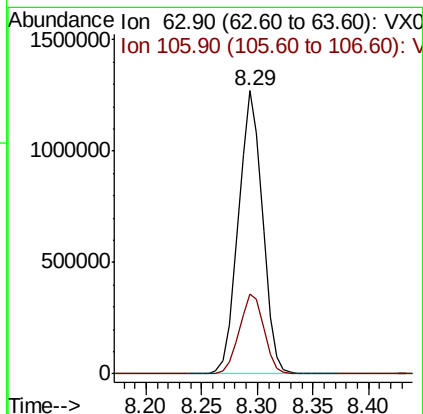
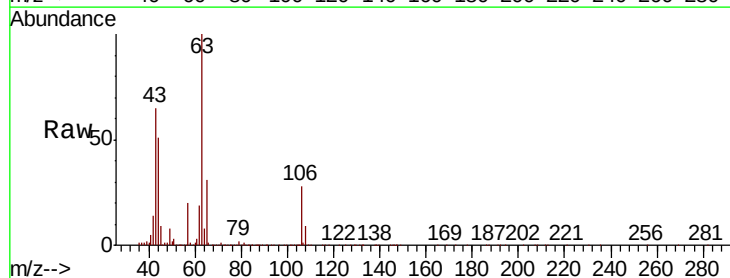
Acq: 18 Aug 2020 19:21

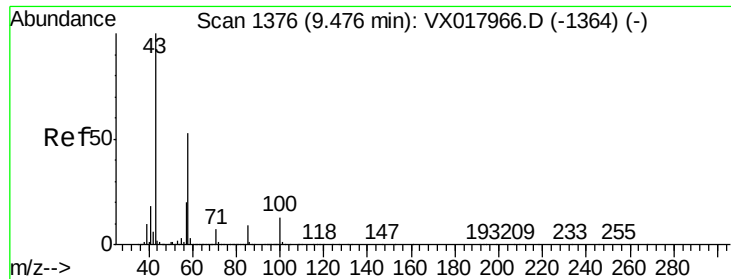
Tgt Ion: 63 Resp: 1900454

Ion Ratio Lower Upper

63 100

106 28.9 23.0 34.4

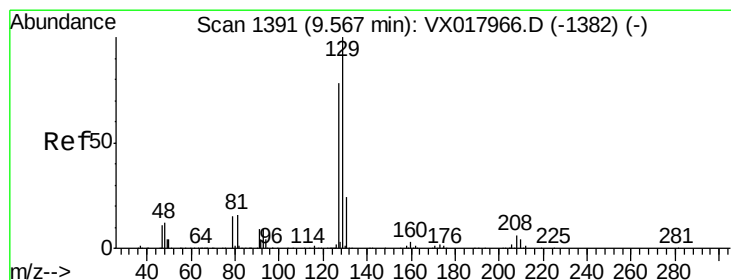
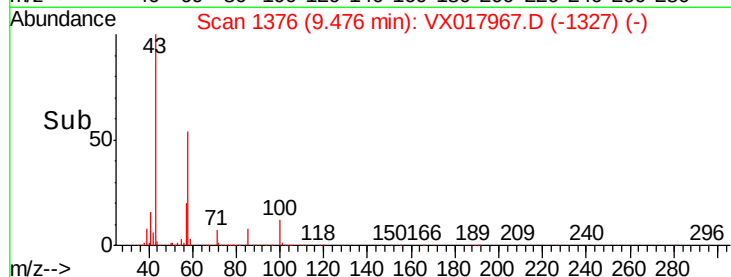
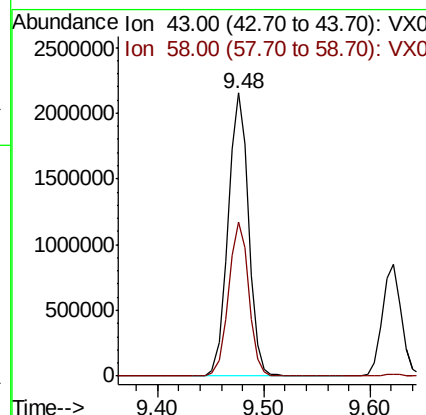
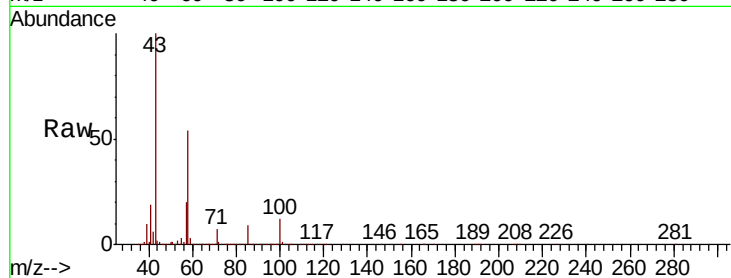




#59
2-Hexanone
Concen: 557.613 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX017967.D
Acq: 18 Aug 2020 19:21

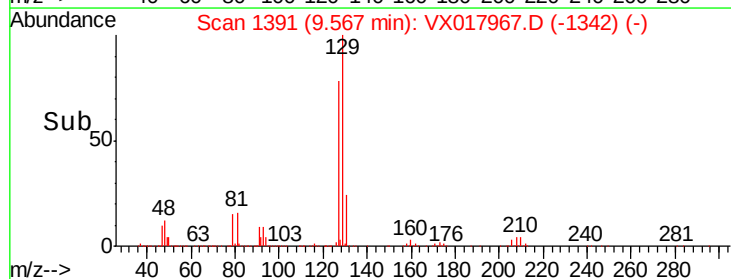
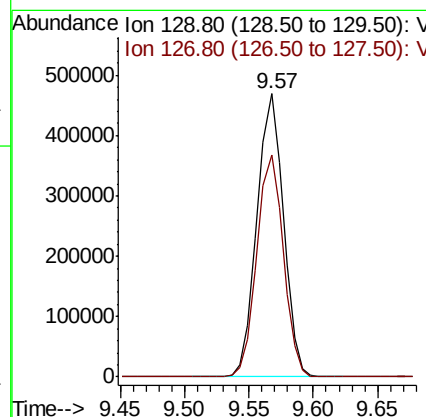
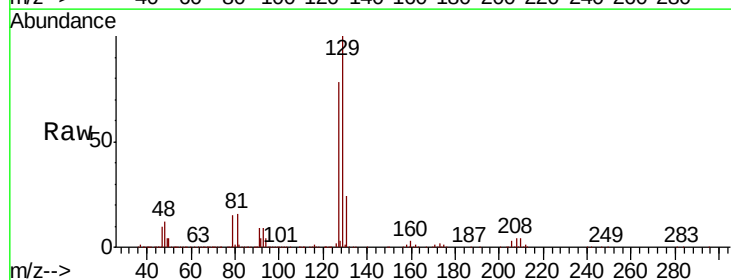
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

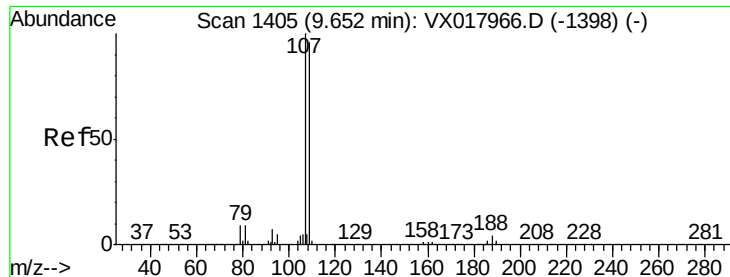
Tot Ion: 43 Resp: 2901639
Ion Ratio Lower Upper
43 100
58 53.7 26.4 79.0



#60
Dibromochloromethane
Concen: 106.742 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017967.D
Acq: 18 Aug 2020 19:21

Tgt Ion: 129 Resp: 667080
Ion Ratio Lower Upper
129 100
127 78.4 39.5 118.3





#61

1,2-Dibromoethane

Concen: 108.588 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

Instrument :

MSVOA_X

ClientSampleId :

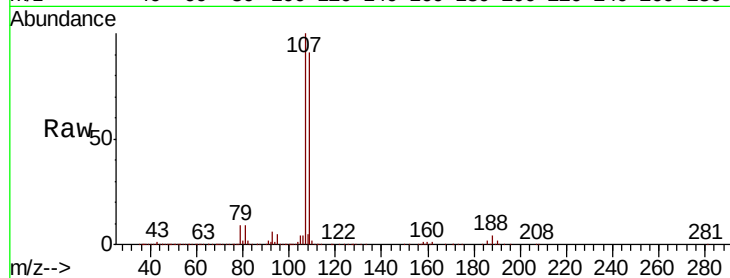
VSTDIC100

Tot Ion:107 Resp: 576664

Ion Ratio Lower Upper

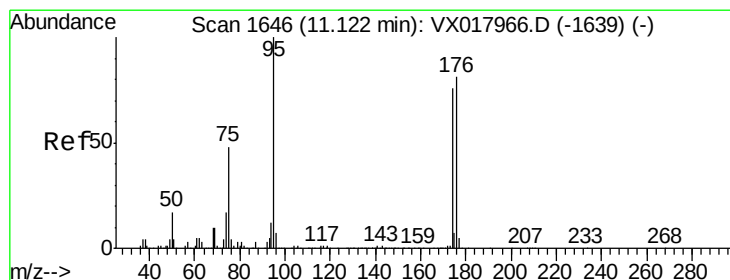
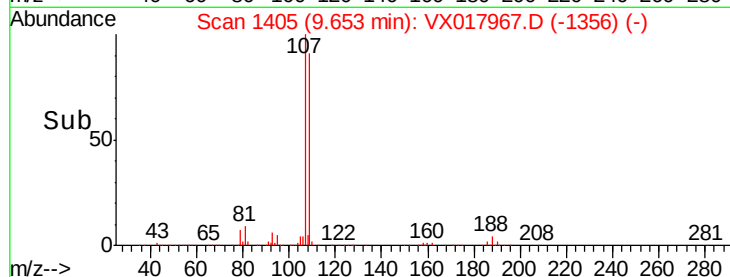
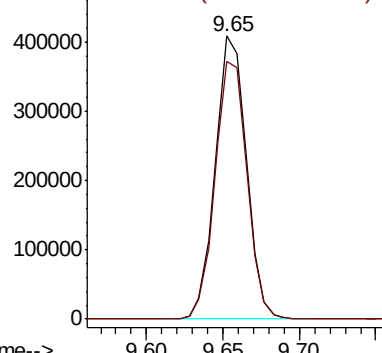
107 100

109 93.9 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 102.496 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

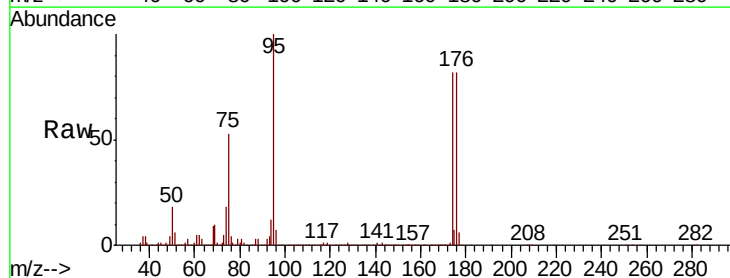
Tgt Ion: 95 Resp: 666367

Ion Ratio Lower Upper

95 100

174 81.9 0.0 166.0

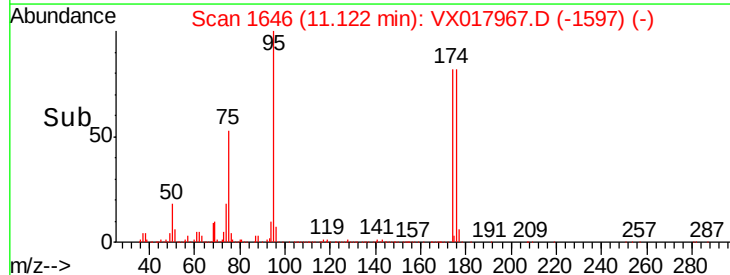
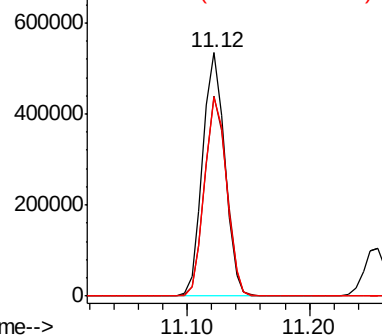
176 81.7 0.0 161.0

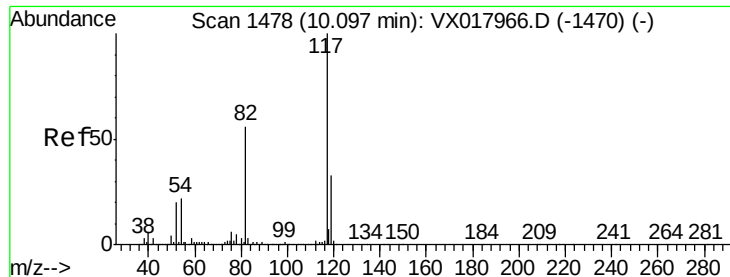


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

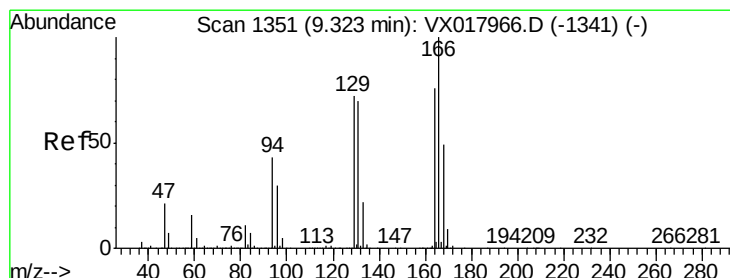
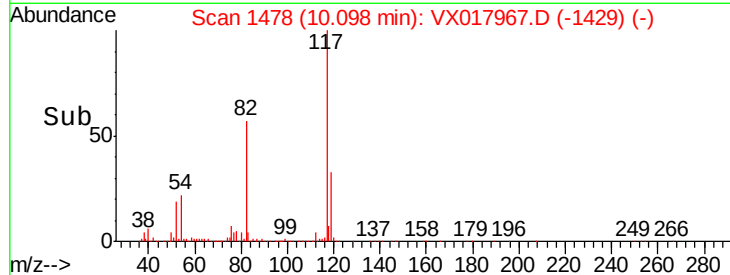
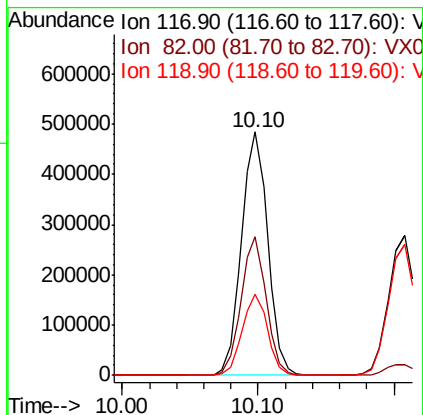
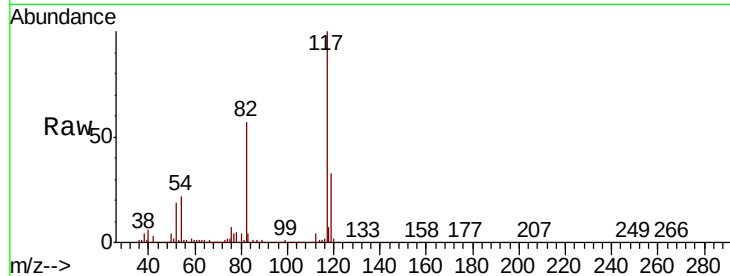




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017967.D
Acq: 18 Aug 2020 19:21

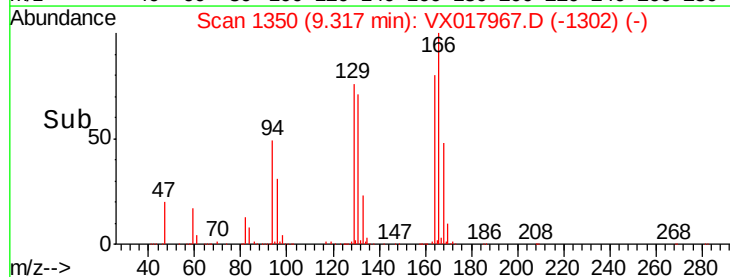
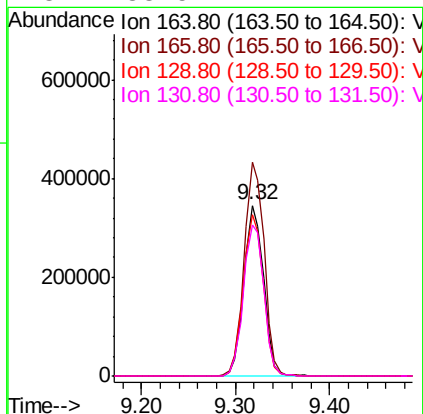
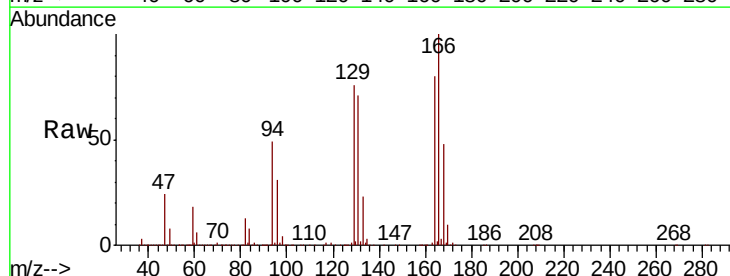
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

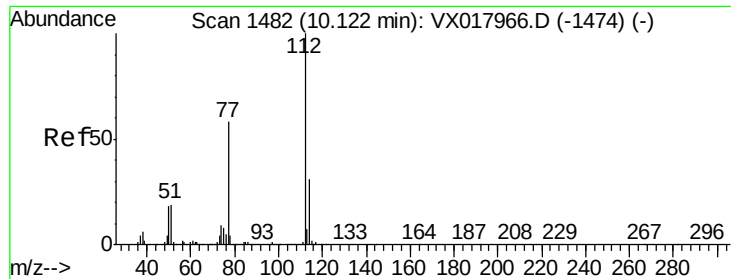
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	44.6	66.8
119	33.2	26.2	39.4



#64
Tetrachloroethene
Concen: 87.921 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VX017967.D
Acq: 18 Aug 2020 19:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.4	105.7	158.5
129	94.7	75.8	113.8
131	88.5	74.2	111.4

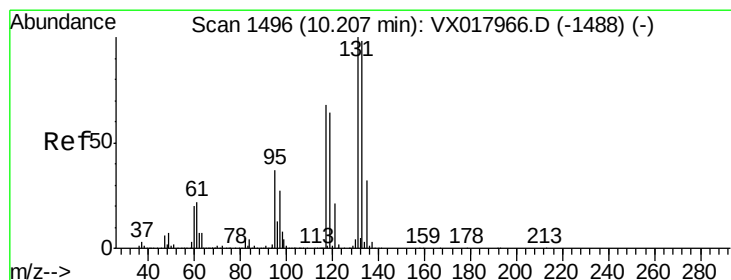
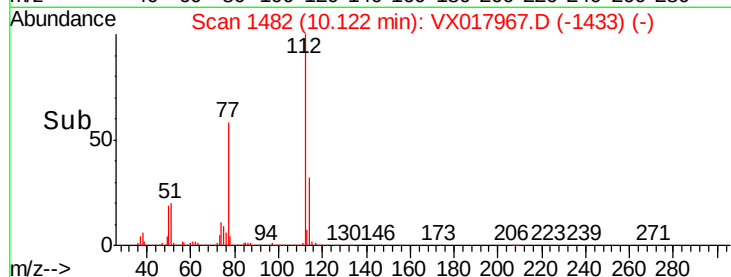
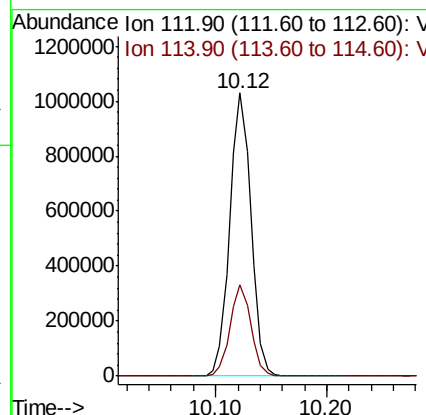
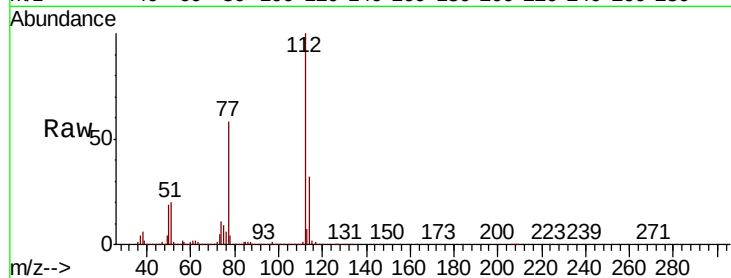




#65
Chlorobenzene
Concen: 97.721 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017967.D
Acq: 18 Aug 2020 19:21

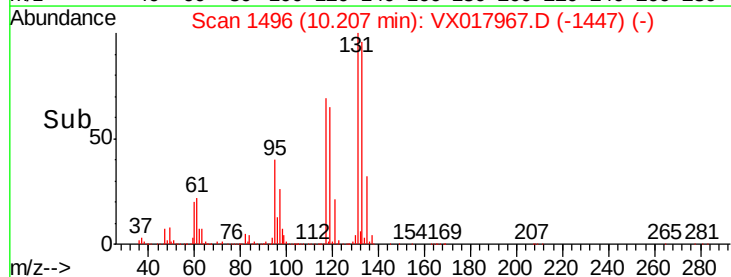
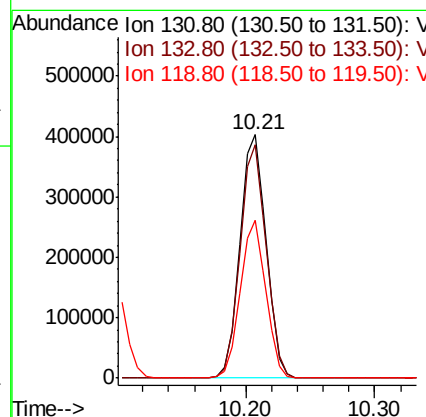
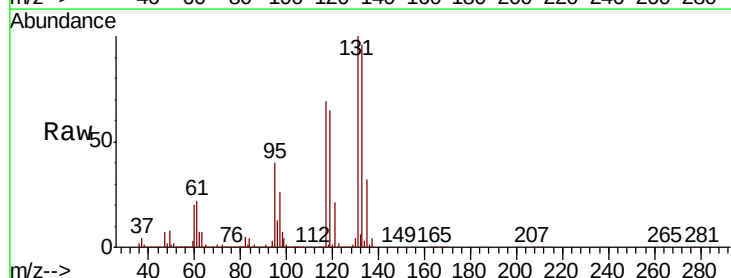
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

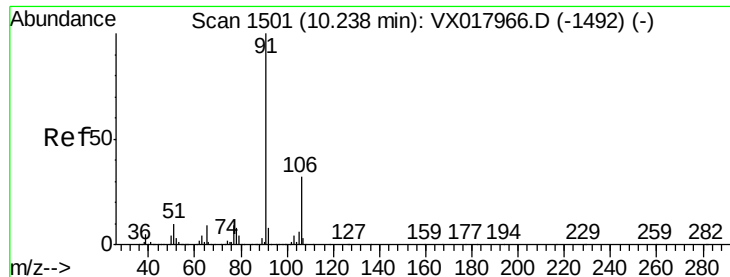
Tot Ion:112 Resp: 1363021
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 100.277 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX017967.D
Acq: 18 Aug 2020 19:21

Tgt Ion:131 Resp: 567287
Ion Ratio Lower Upper
131 100
133 95.6 48.4 145.3
119 63.4 31.6 94.8

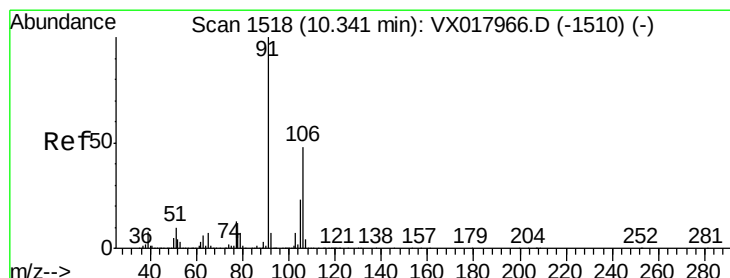
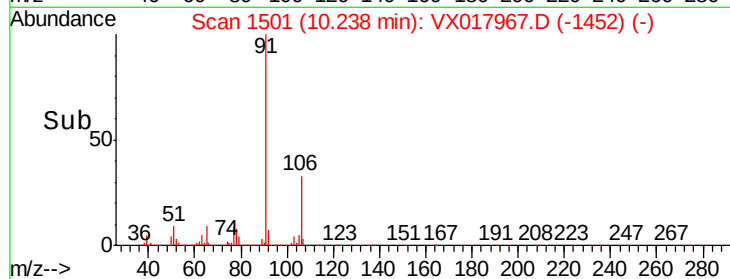
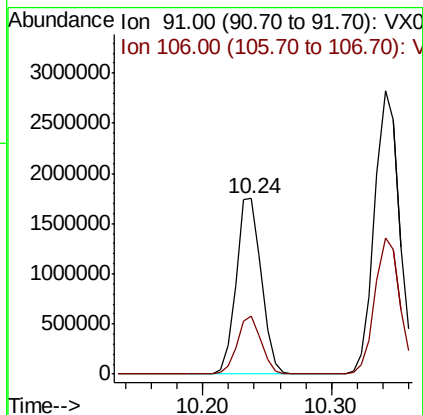
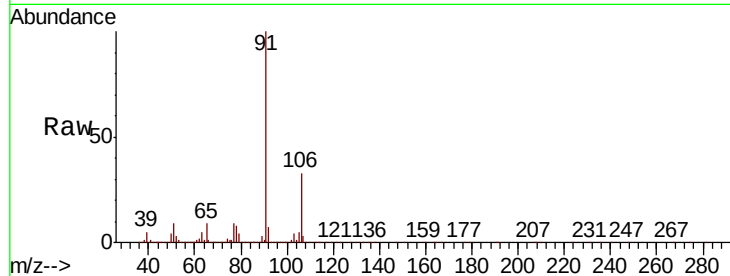




#67
Ethyl Benzene
Concen: 102.612 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX017967.D
Acq: 18 Aug 2020 19:21

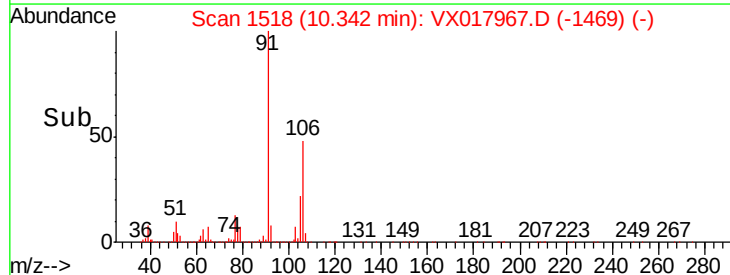
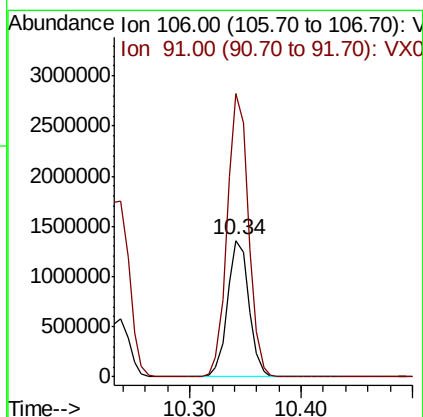
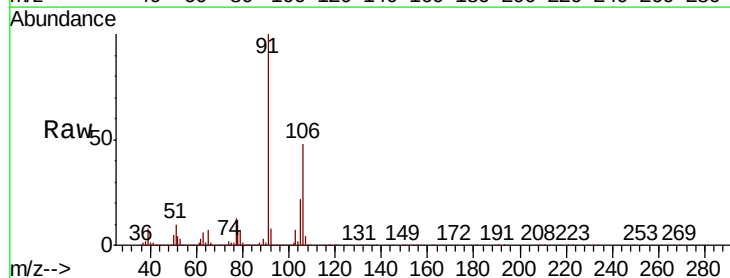
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

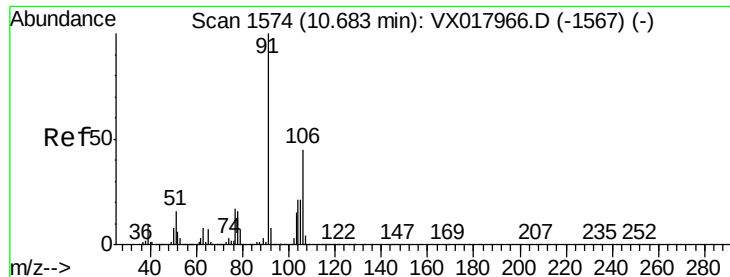
Tot Ion: 91 Resp: 2377096
Ion Ratio Lower Upper
91 100
106 33.1 25.4 38.0



#68
m/p-Xylenes
Concen: 202.786 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017967.D
Acq: 18 Aug 2020 19:21

Tgt Ion: 106 Resp: 1806233
Ion Ratio Lower Upper
106 100
91 206.8 167.4 251.2

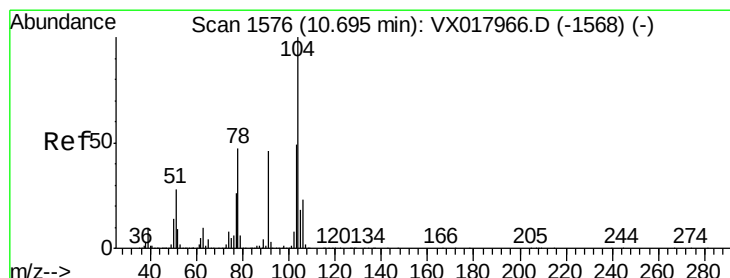
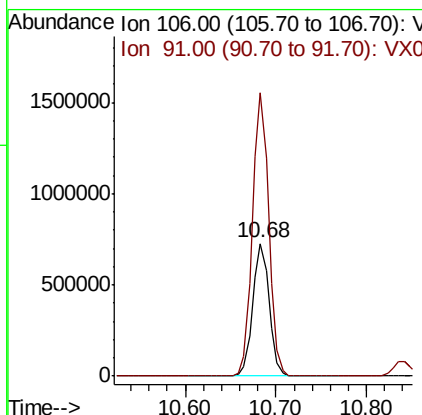
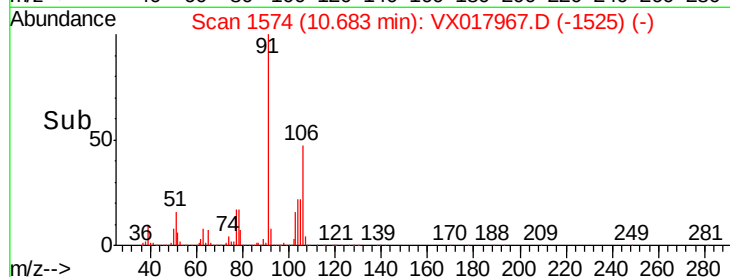
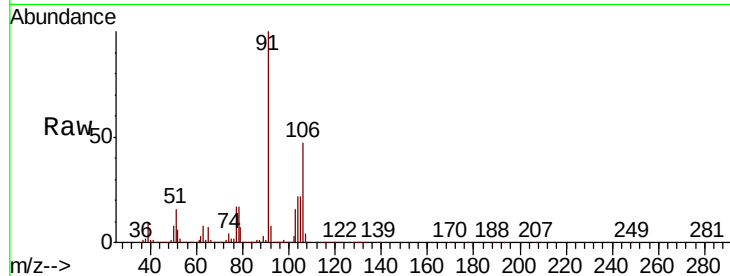




#69
o-Xylene
Concen: 105.845 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017967.D
Acq: 18 Aug 2020 19:21

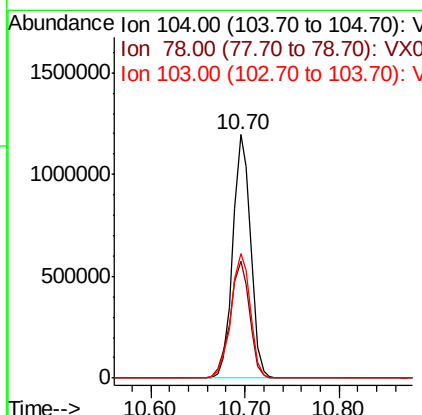
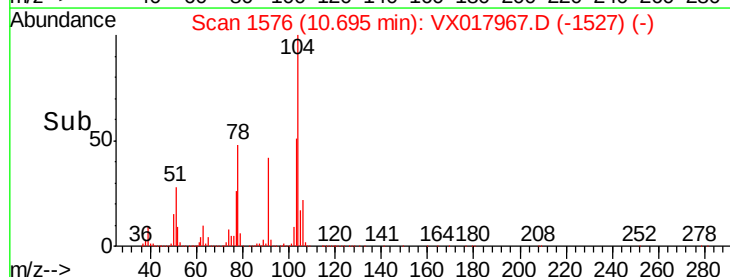
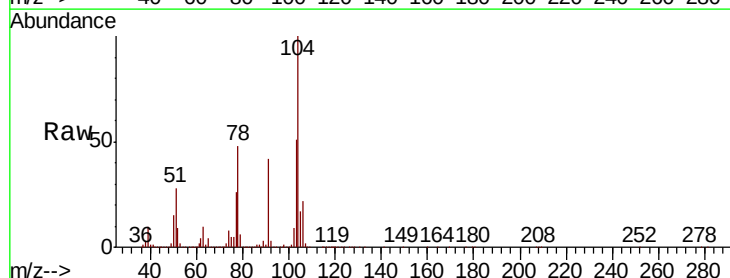
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

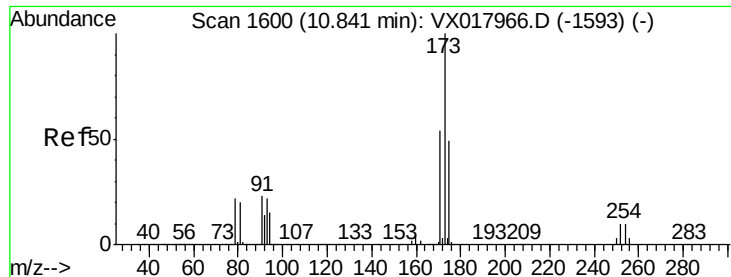
Tot Ion:106 Resp: 910853
Ion Ratio Lower Upper
106 100
91 211.9 108.1 324.2



#70
Styrene
Concen: 106.802 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017967.D
Acq: 18 Aug 2020 19:21

Tgt Ion:104 Resp: 1567142
Ion Ratio Lower Upper
104 100
78 52.6 41.3 61.9
103 55.6 42.9 64.3





#71

Bromoform

Concen: 105.213 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

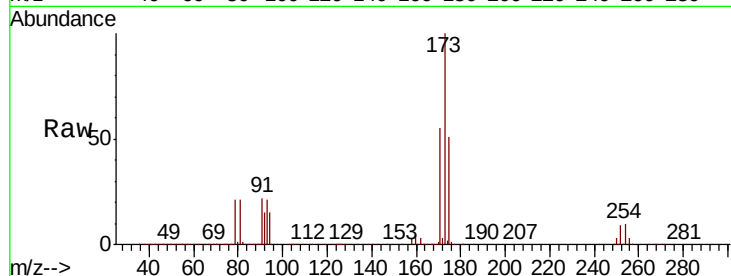
Tot Ion:173 Resp: 514023

Ion Ratio Lower Upper

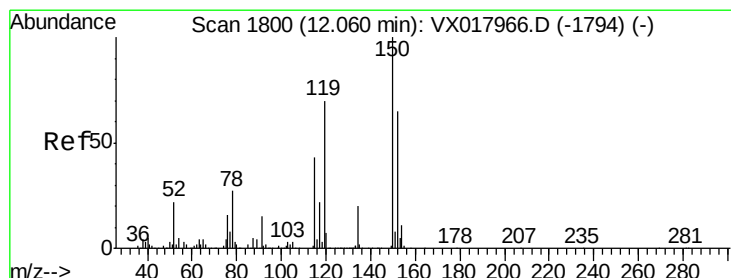
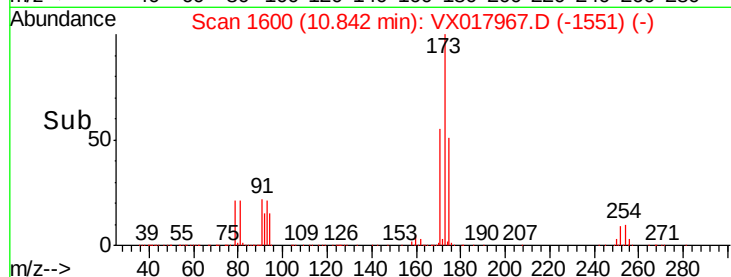
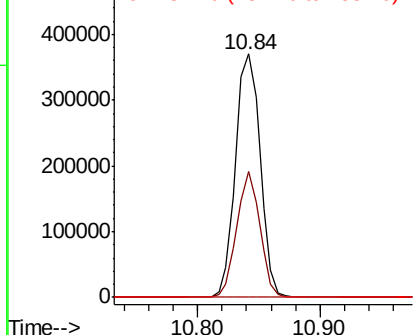
173 100

175 48.3 24.4 73.2

254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

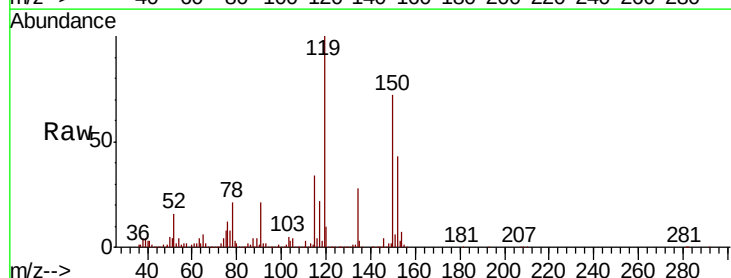
Tgt Ion:152 Resp: 352491

Ion Ratio Lower Upper

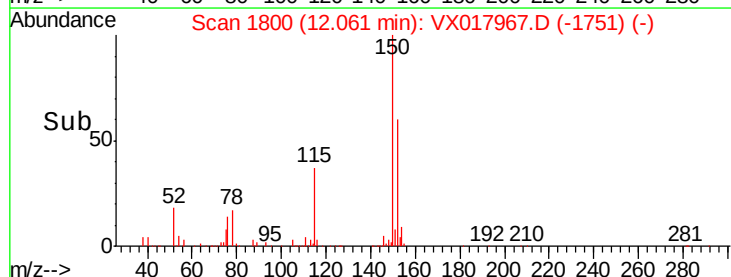
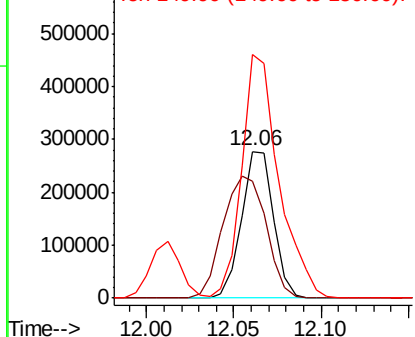
152 100

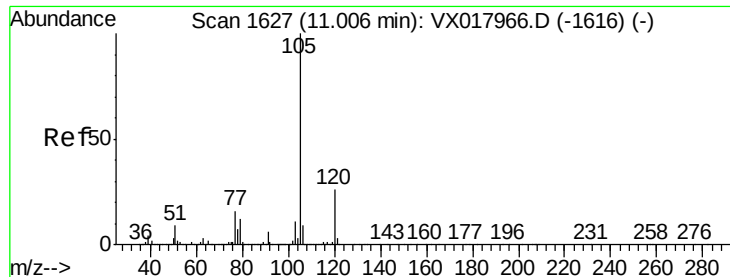
115 111.9 40.6 121.7

150 192.7 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 100.967 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

Instrument :

MSVOA_X

ClientSampleId :

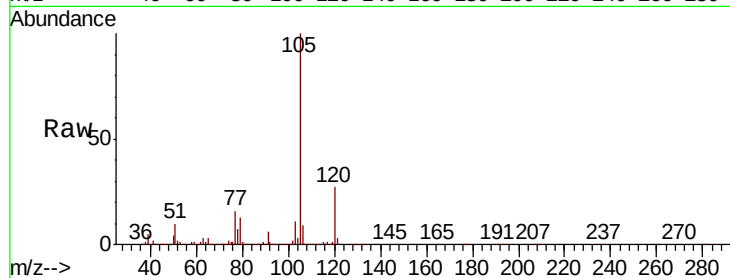
VSTDIC100

Tot Ion:105 Resp: 2428687

Ion Ratio Lower Upper

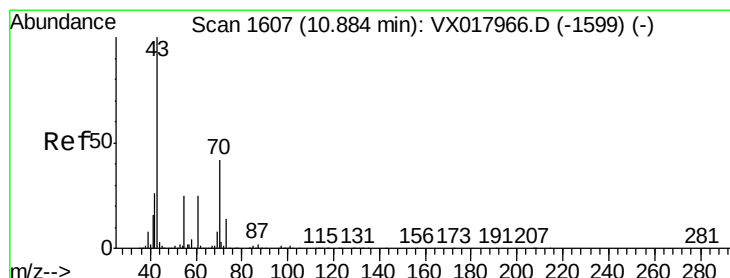
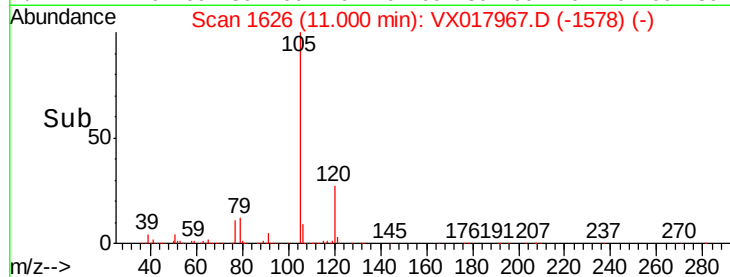
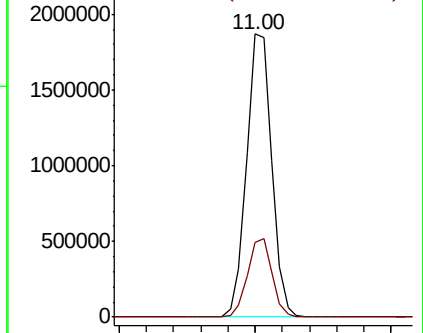
105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-amyl acetate

Concen: 101.274 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

Tgt Ion: 43 Resp: 1067401

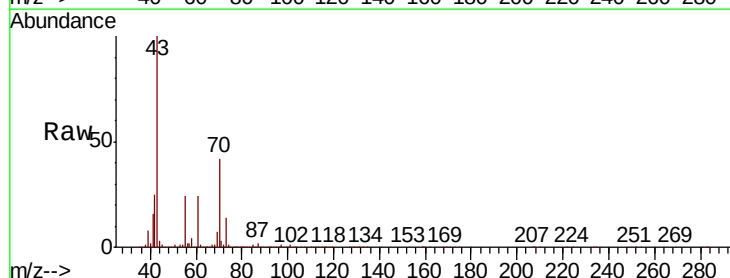
Ion Ratio Lower Upper

43 100

70 41.4 32.9 49.3

55 24.0 19.3 28.9

61 24.0 19.6 29.4

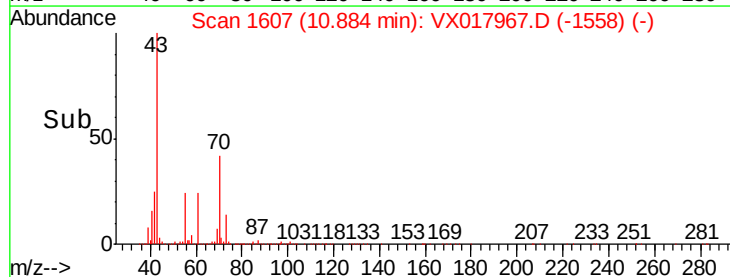
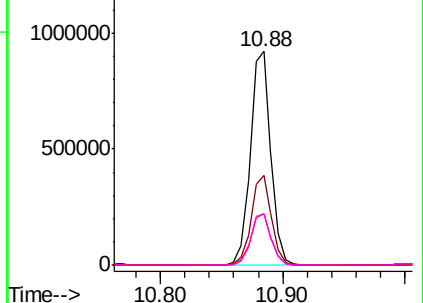


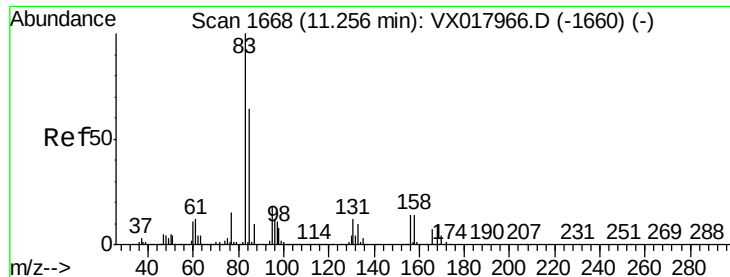
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 99.713 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

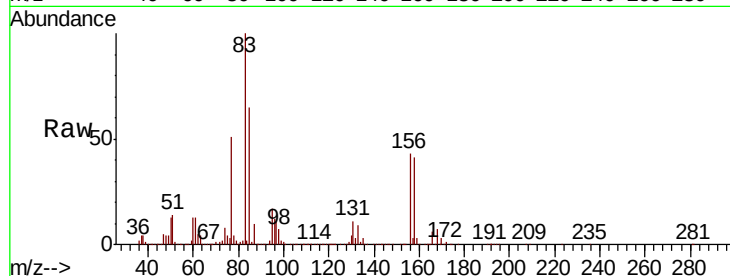
Tot Ion: 83 Resp: 762581

Ion Ratio Lower Upper

83 100

131 11.7 5.7 17.0

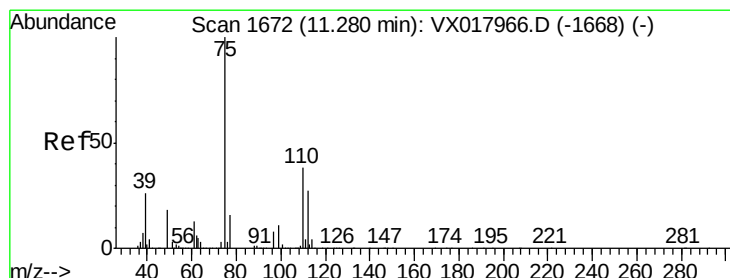
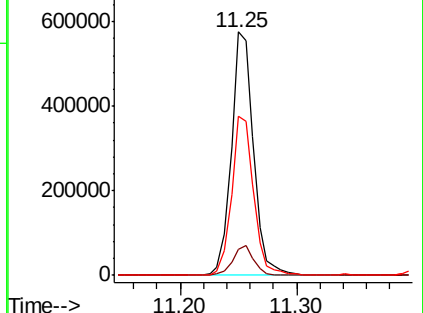
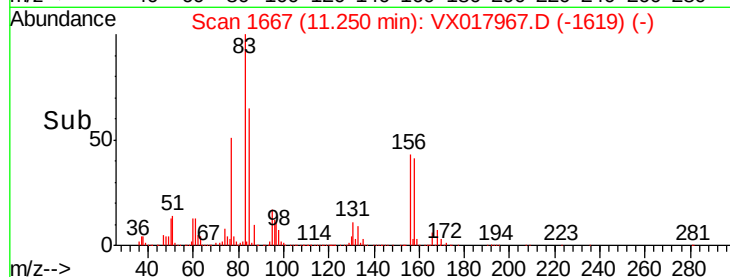
85 65.1 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 145.847 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017967.D

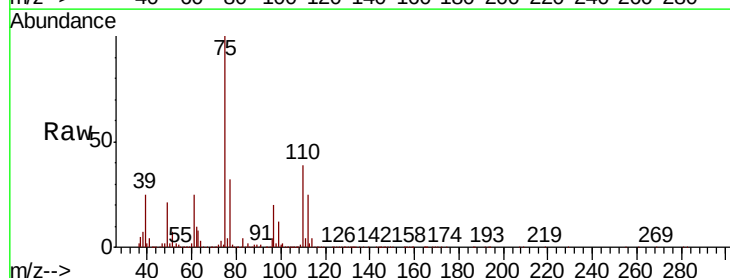
Acq: 18 Aug 2020 19:21

Tgt Ion: 75 Resp: 1059426

Ion Ratio Lower Upper

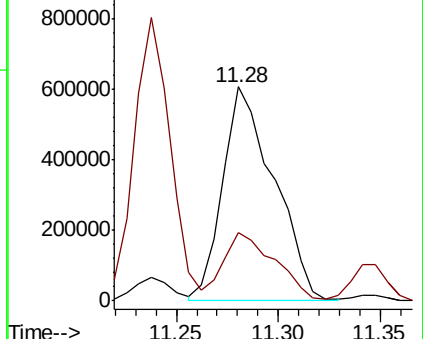
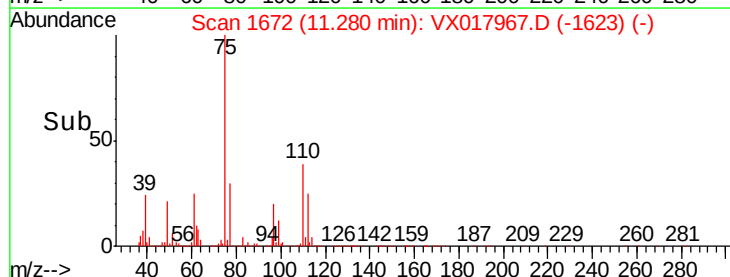
75 100

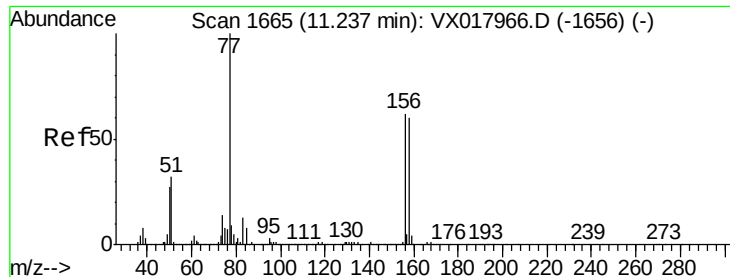
77 32.2 21.1 63.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 97.135 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

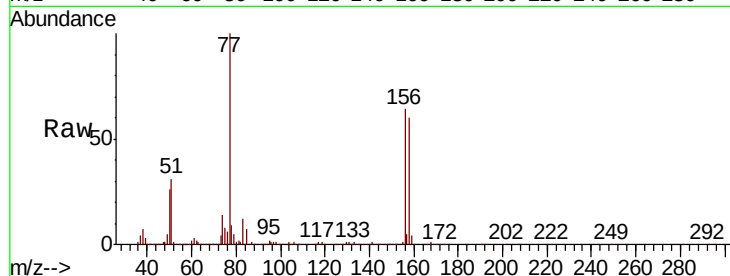
Tot Ion:156 Resp: 653590

Ion Ratio Lower Upper

156 100

77 151.1 78.0 234.0

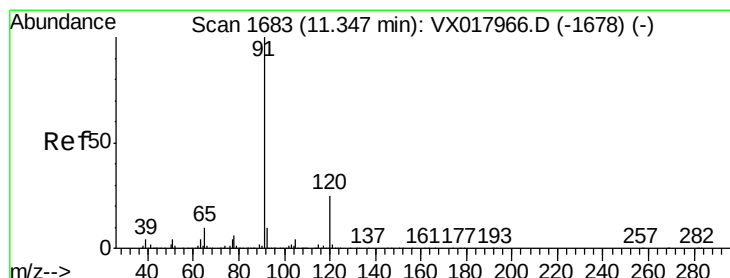
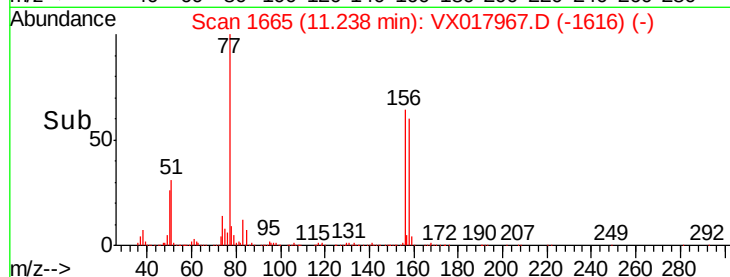
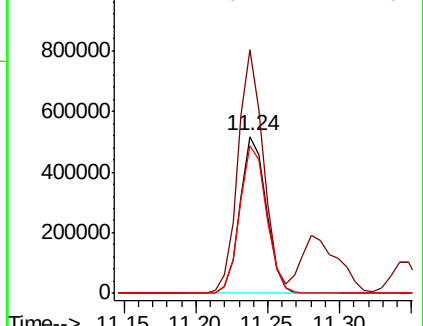
158 96.2 49.2 147.6



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: 114.377 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VX017967.D

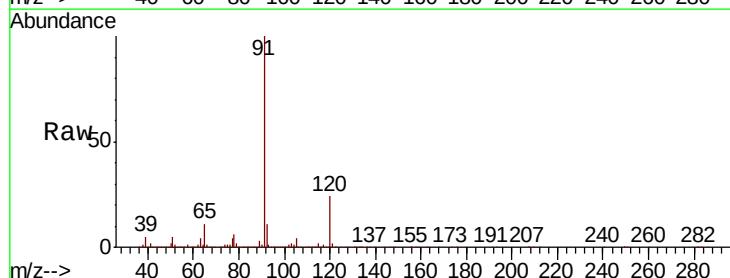
Acq: 18 Aug 2020 19:21

Tgt Ion: 91 Resp: 3116912

Ion Ratio Lower Upper

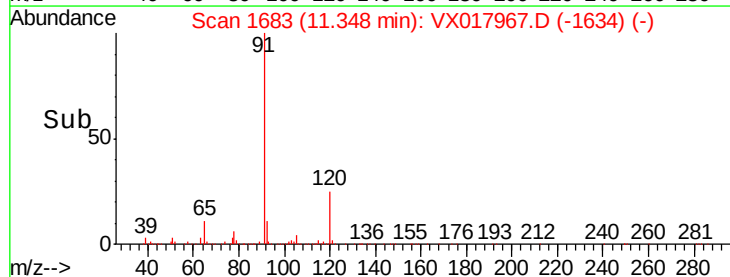
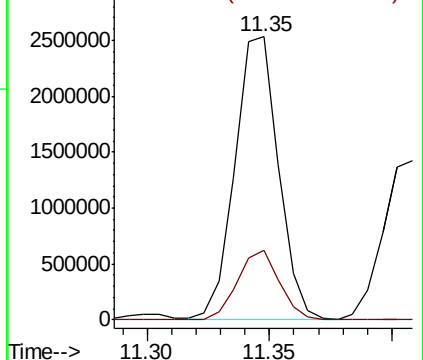
91 100

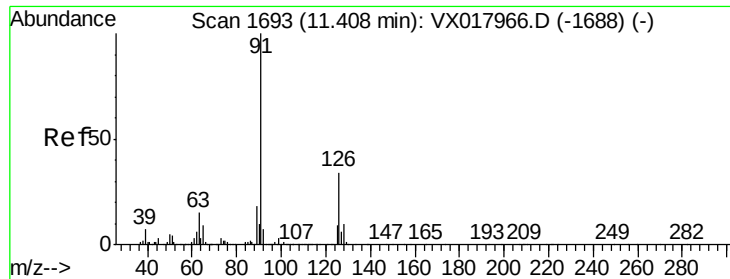
120 23.8 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

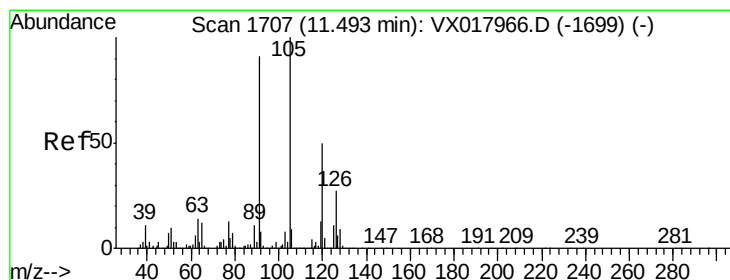
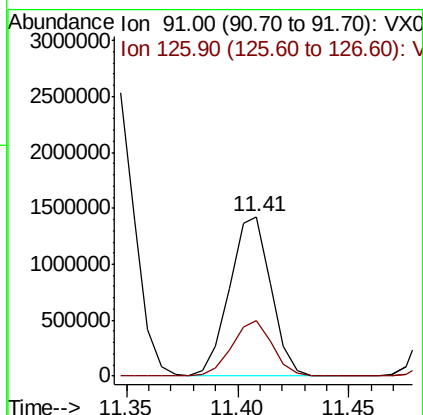
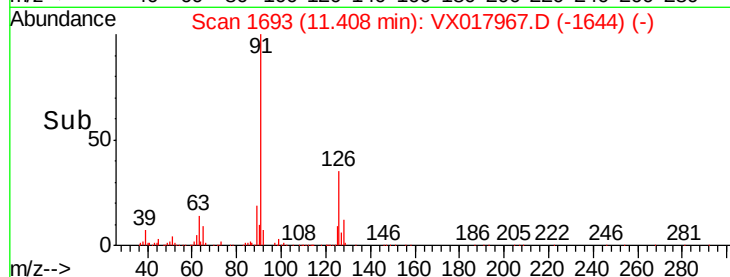
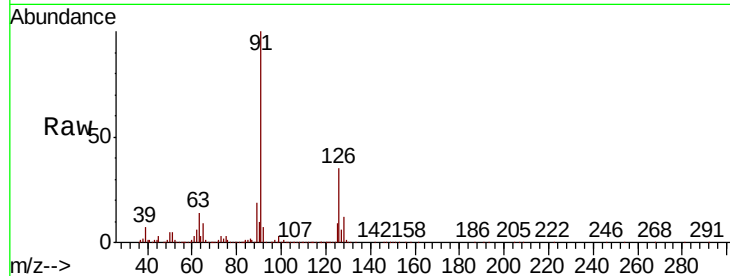




#79
2-Chlorotoluene
Concen: 108.746 ug/l
RT: 11.41 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VX017967.D
Acq: 18 Aug 2020 19:21

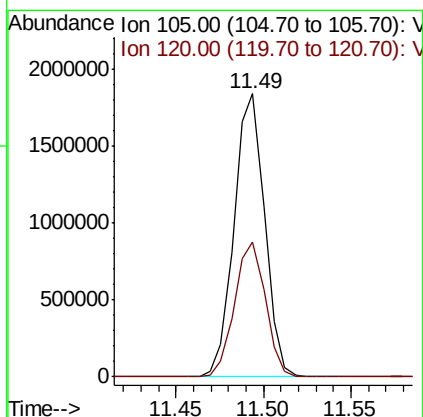
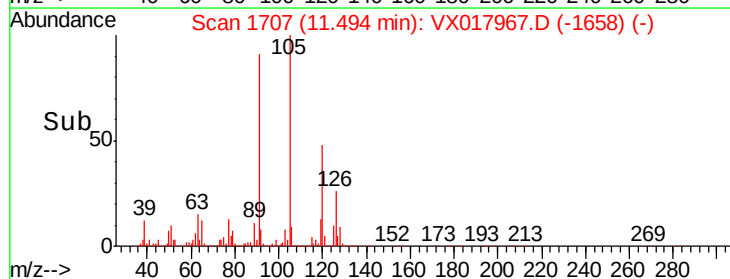
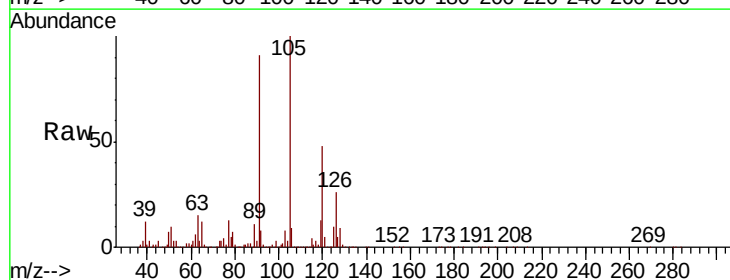
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

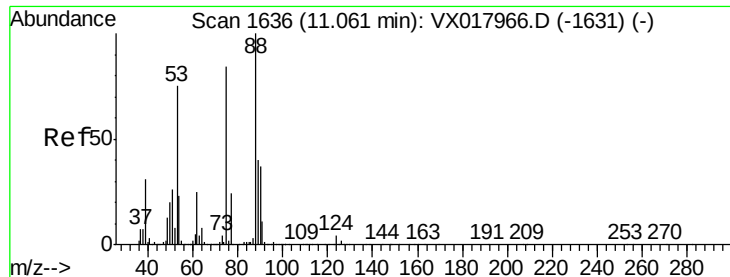
Tot Ion: 91 Resp: 1832921
Ion Ratio Lower Upper
91 100
126 34.1 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 109.135 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX017967.D
Acq: 18 Aug 2020 19:21

Tgt Ion:105 Resp: 2234526
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 103.671 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

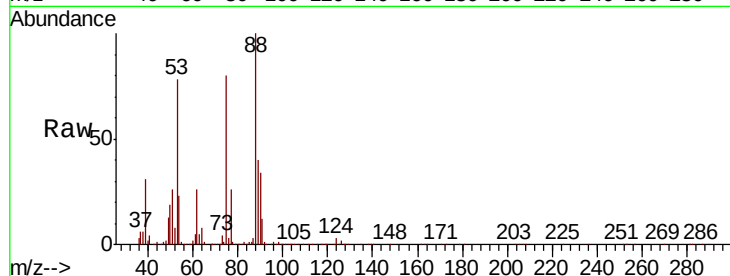
Tot Ion: 75 Resp: 299175

Ion Ratio Lower Upper

75 100

53 96.8 75.2 112.8

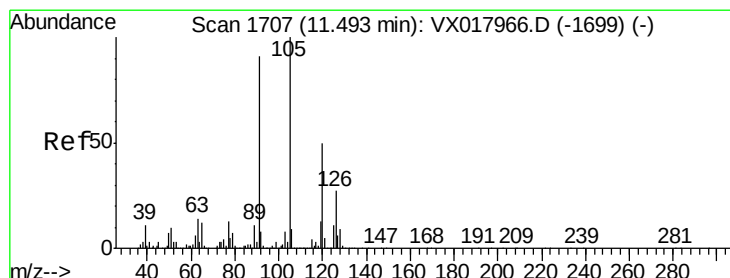
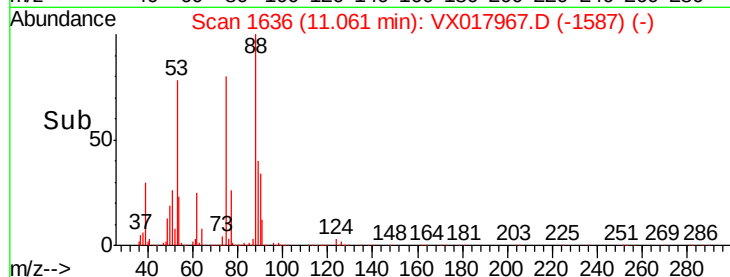
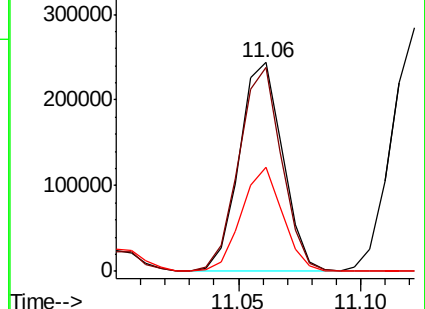
89 47.8 38.4 57.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 104.817 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017967.D

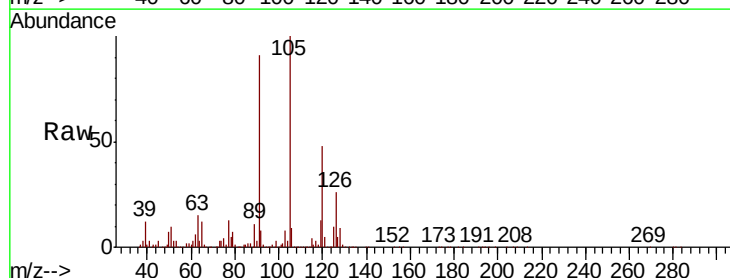
Acq: 18 Aug 2020 19:21

Tgt Ion: 91 Resp: 2069128

Ion Ratio Lower Upper

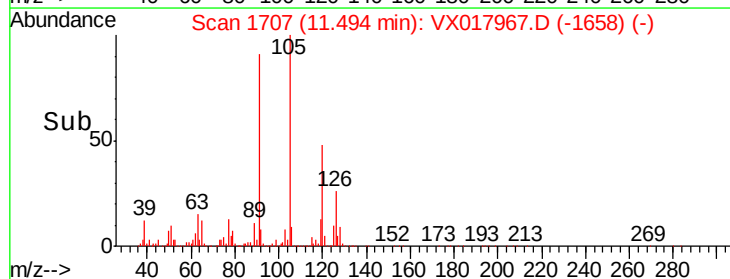
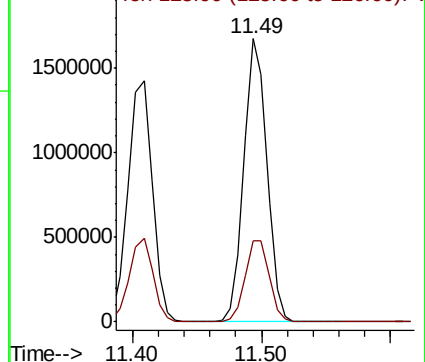
91 100

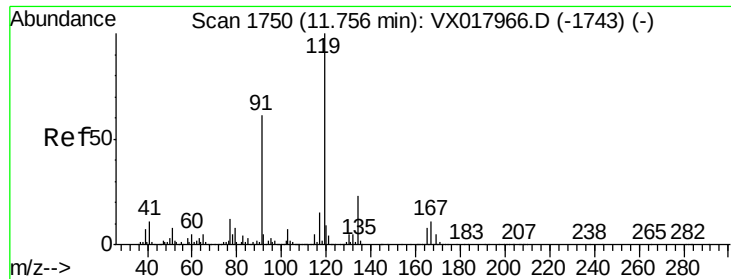
126 30.0 15.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

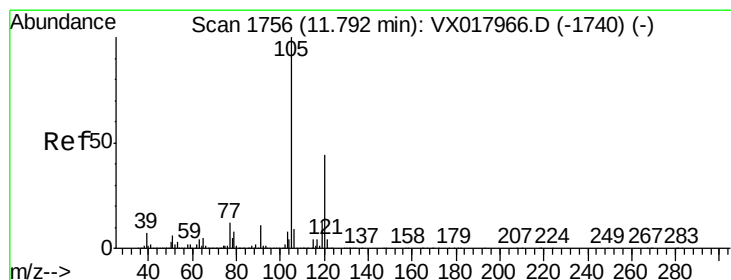
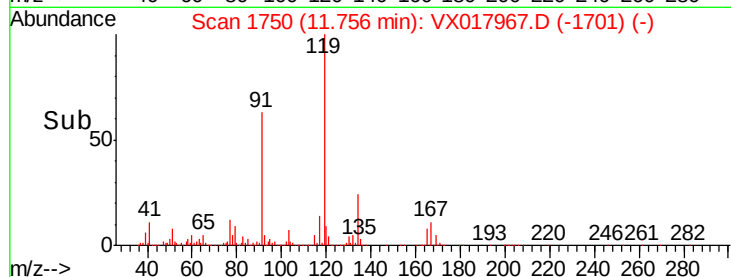
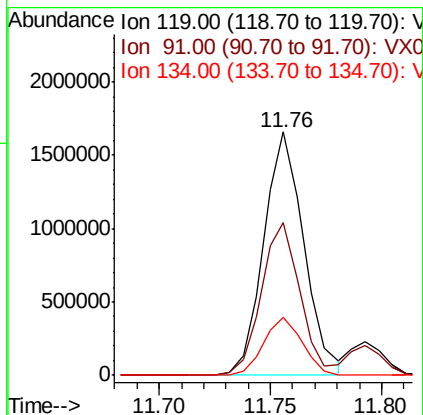
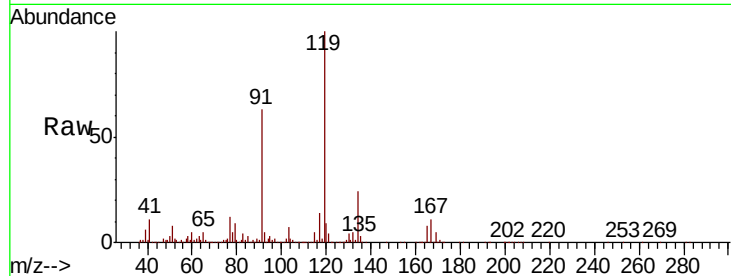




#83
 tert-Butylbenzene
 Concen: 106.512 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX017967.D
 Acq: 18 Aug 2020 19:21

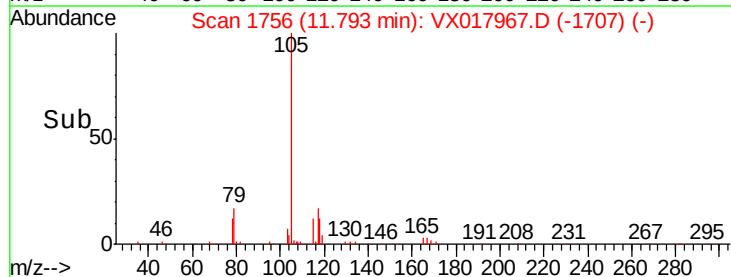
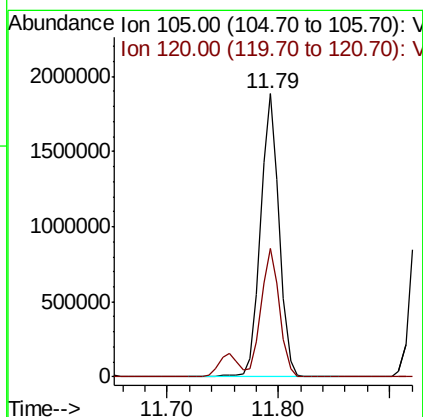
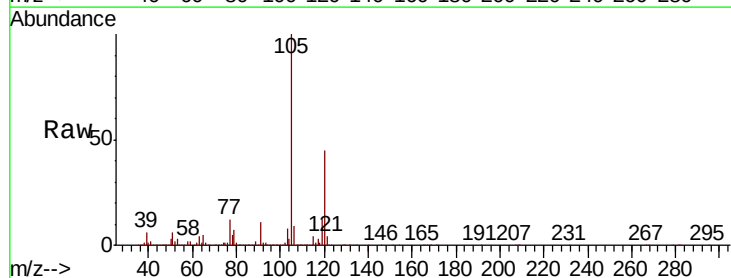
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

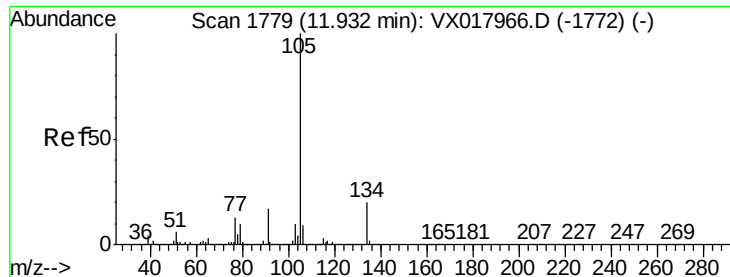
Tot Ion:119 Resp: 2078236
 Ion Ratio Lower Upper
 119 100
 91 59.8 30.1 90.5
 134 22.8 11.1 33.1



#84
 1,2,4-Trimethylbenzene
 Concen: 106.155 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX017967.D
 Acq: 18 Aug 2020 19:21

Tgt Ion:105 Resp: 2196618
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.1 66.1





#85

sec-Butylbenzene

Concen: 110.642 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

Instrument :

MSVOA_X

ClientSampleId :

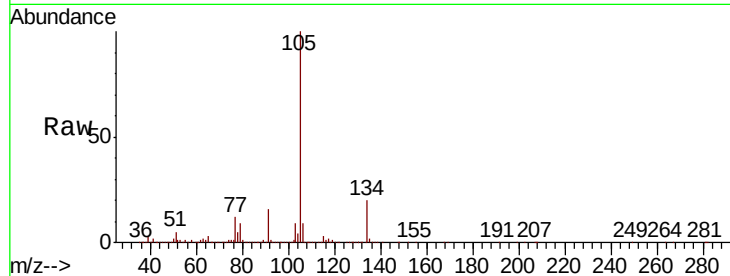
VSTDIC100

Tot Ion:105 Resp: 2534517

Ion Ratio Lower Upper

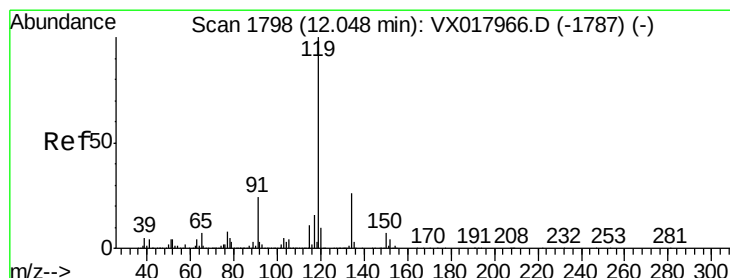
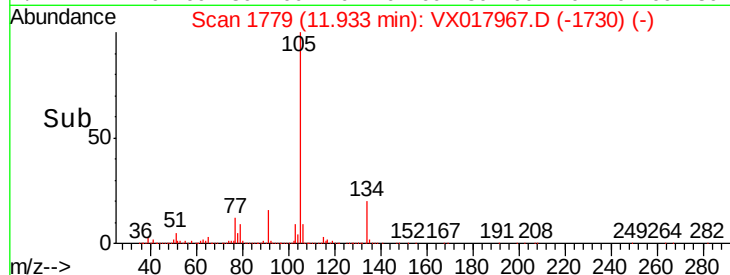
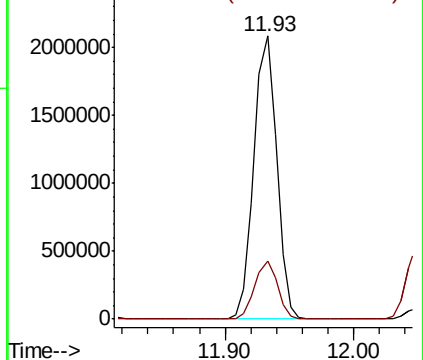
105 100

134 20.4 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 109.839 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

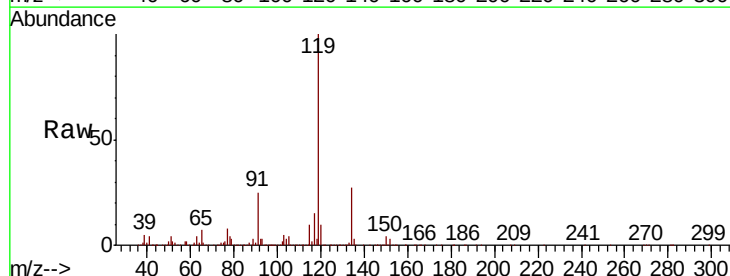
Tgt Ion:119 Resp: 2389236

Ion Ratio Lower Upper

119 100

134 26.9 12.7 38.0

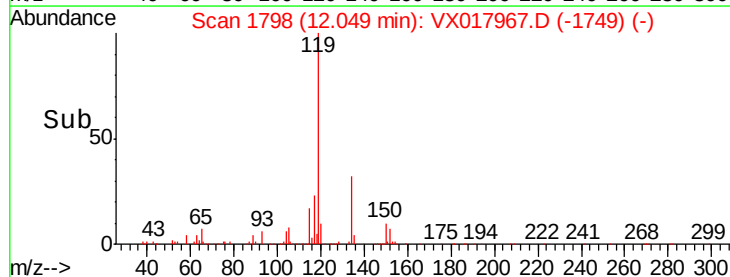
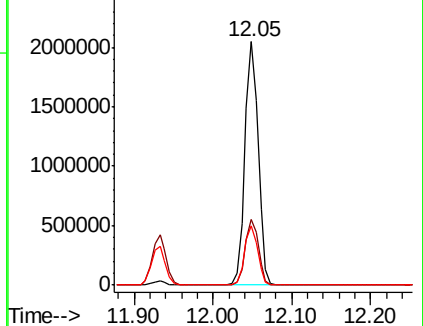
91 24.4 12.2 36.4

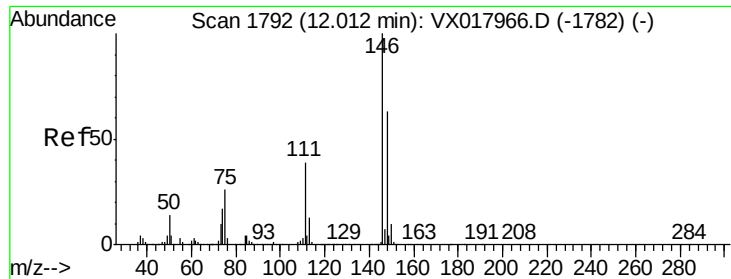


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

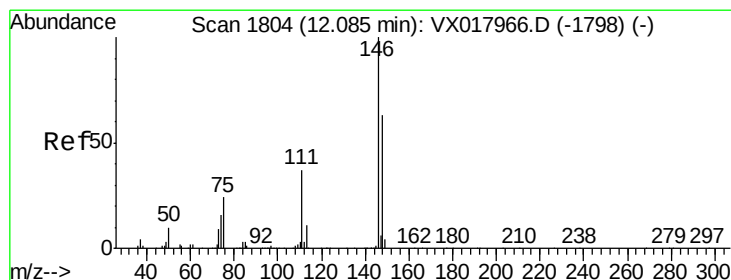
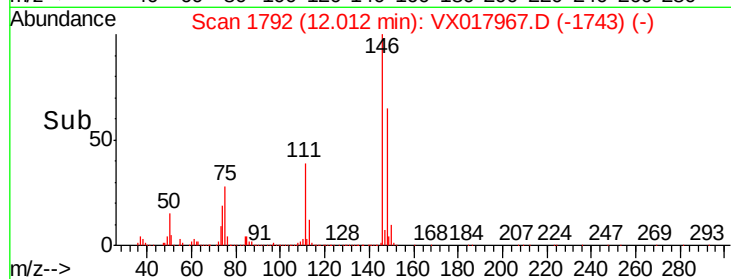
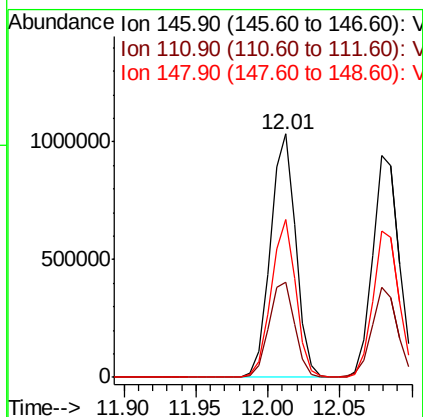
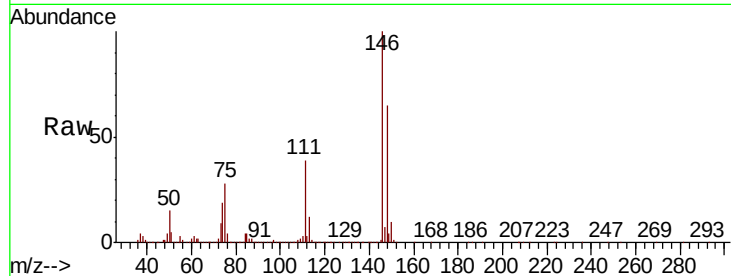




#87
 1,3-Dichlorobenzene
 Concen: 109.301 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017967.D
 Acq: 18 Aug 2020 19:21

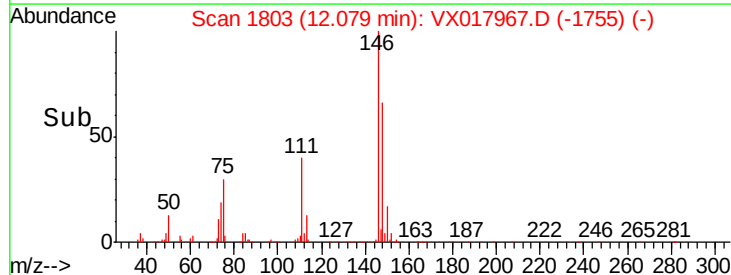
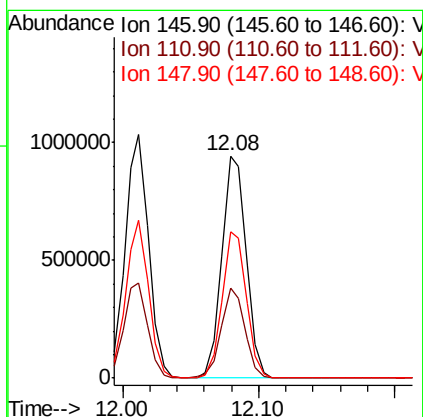
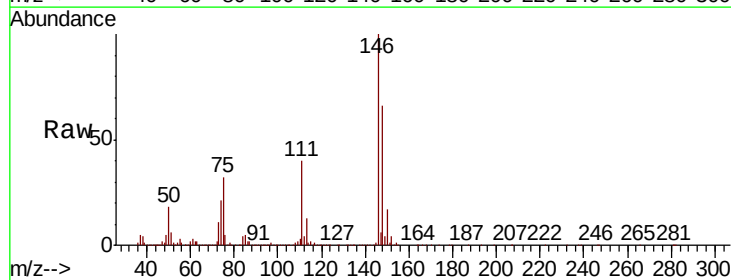
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

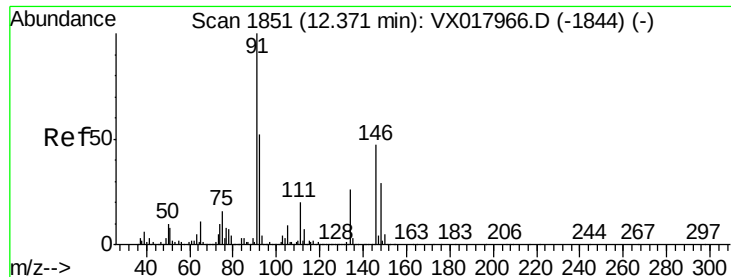
Tot Ion:146 Resp: 1255874
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.1 60.3
 148 63.2 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 98.286 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX017967.D
 Acq: 18 Aug 2020 19:21

Tgt Ion:146 Resp: 1172999
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.7 59.1
 148 64.9 31.9 95.7

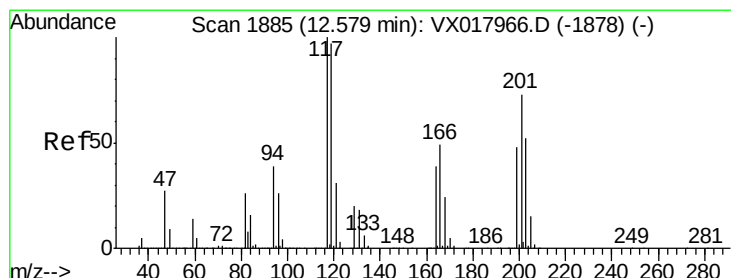
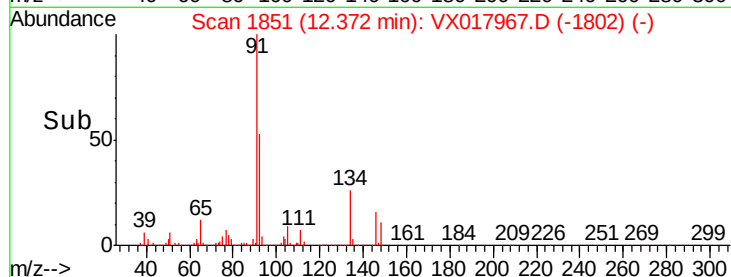
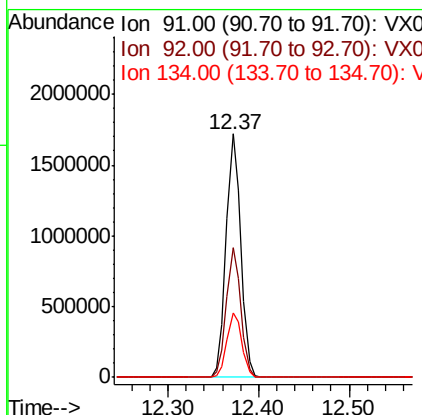
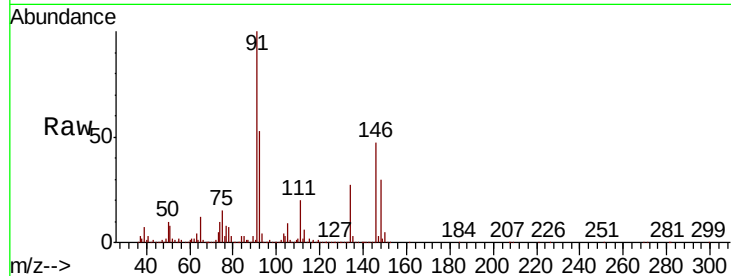




#89
n-Butylbenzene
Concen: 100.240 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017967.D
Acq: 18 Aug 2020 19:21

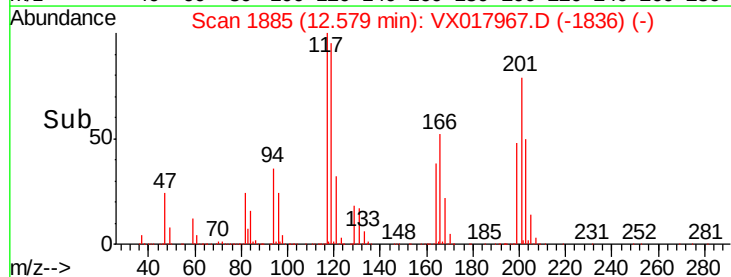
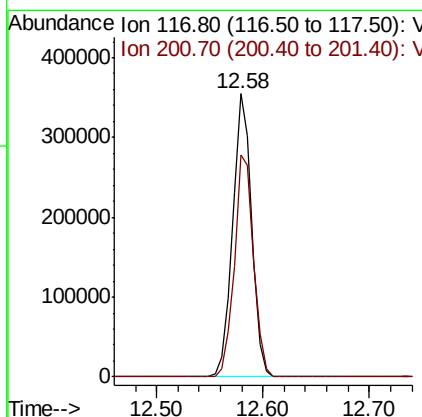
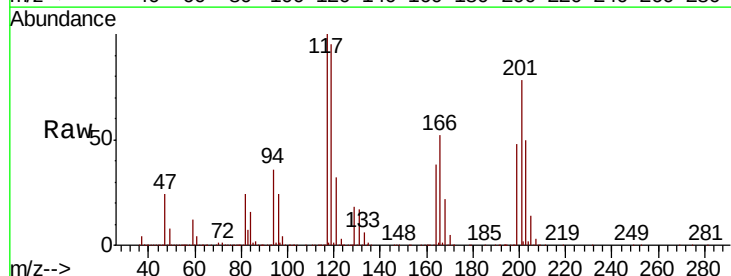
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

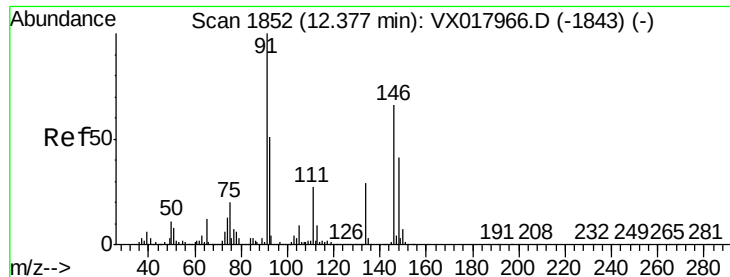
Tot Ion: 91 Resp: 1930362
Ion Ratio Lower Upper
91 100
92 52.5 25.7 77.0
134 27.0 13.4 40.2



#90
Hexachloroethane
Concen: 102.714 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017967.D
Acq: 18 Aug 2020 19:21

Tgt Ion: 117 Resp: 442613
Ion Ratio Lower Upper
117 100
201 79.1 40.8 122.2





#91

1,2-Dichlorobenzene

Concen: 96.773 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

Instrument :

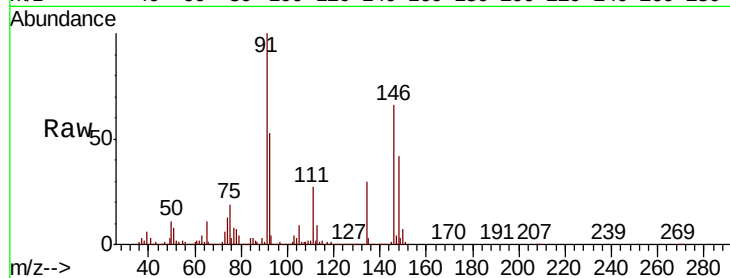
MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:146 Resp: 1097912

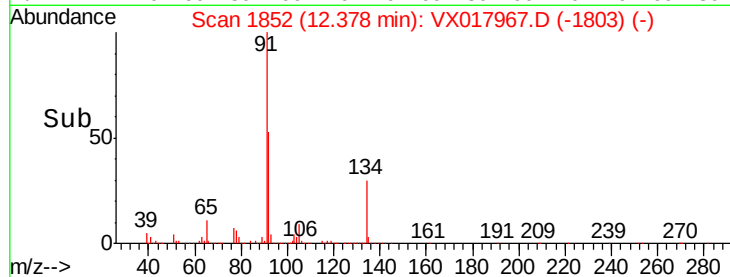
Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.6	61.9
148	64.1	31.2	93.6



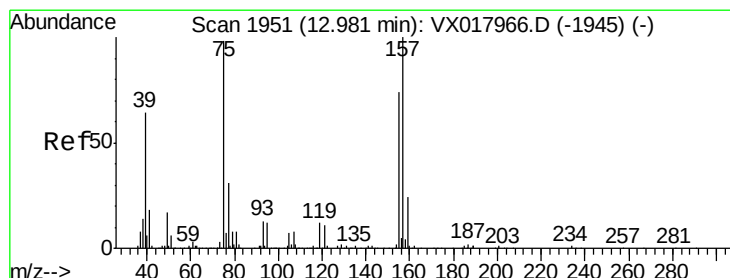
Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 107.665 ug/l

RT: 12.98 min Scan# 1951

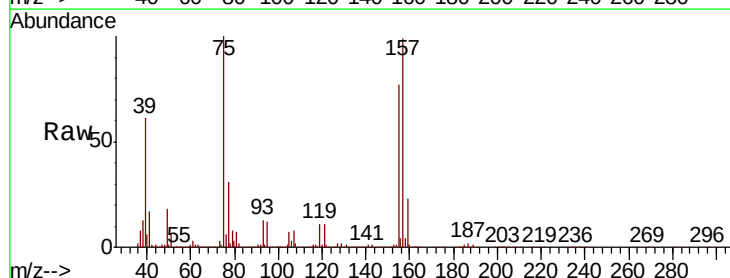
Delta R.T. 0.00 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

Tgt Ion: 75 Resp: 224375

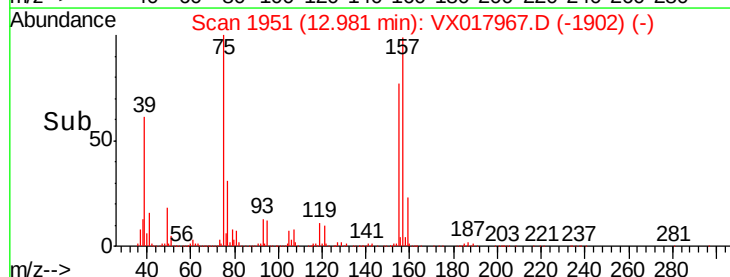
Ion	Ratio	Lower	Upper
75	100		
155	80.5	40.5	121.5
157	106.8	54.4	163.2



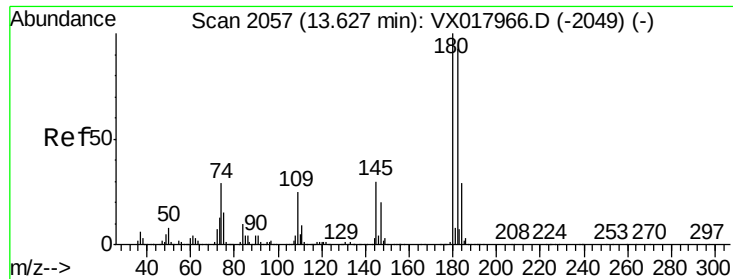
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



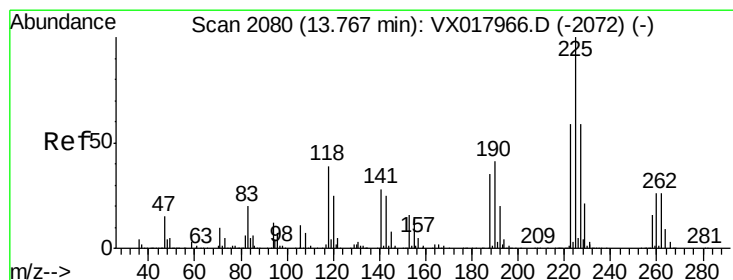
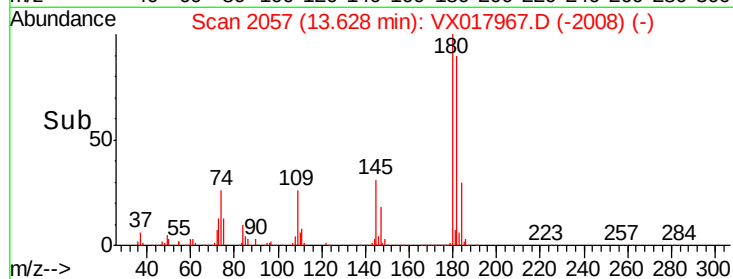
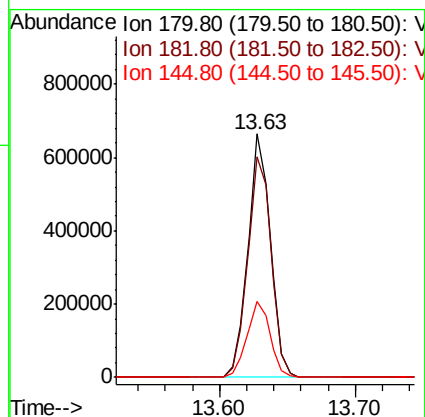
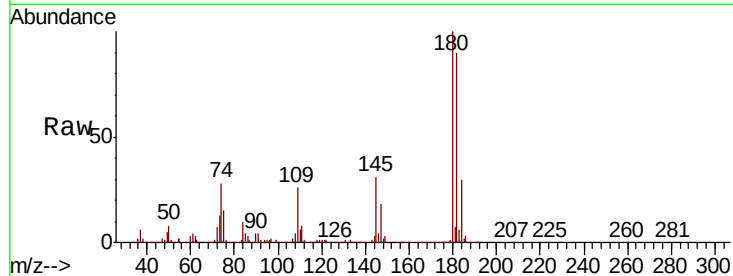
Time-->



#93
 1,2,4-Trichlorobenzene
 Concen: 101.415 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017967.D
 Acq: 18 Aug 2020 19:21

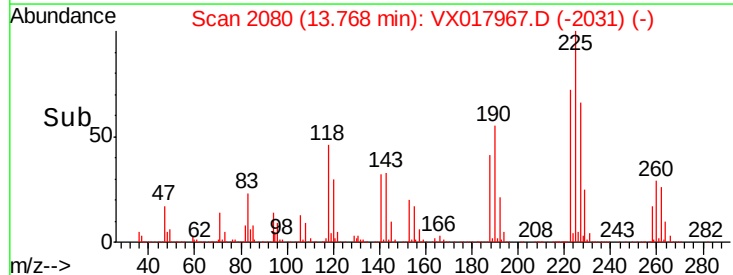
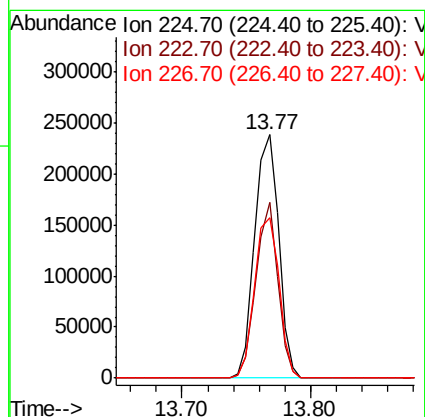
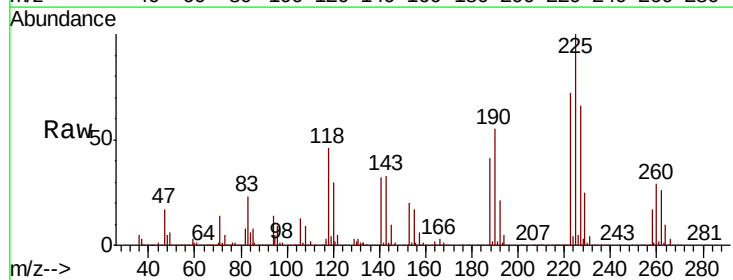
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

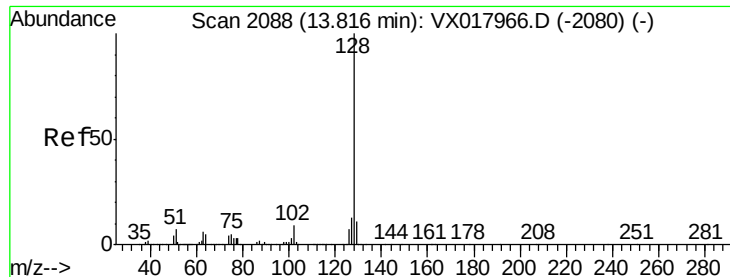
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.8	146.4
145	31.8	16.0	48.0



#94
 Hexachlorobutadiene
 Concen: 87.798 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017967.D
 Acq: 18 Aug 2020 19:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.6	32.1	96.3
227	67.0	29.8	89.5





#95

Naphthalene

Concen: 109.838 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

Instrument :

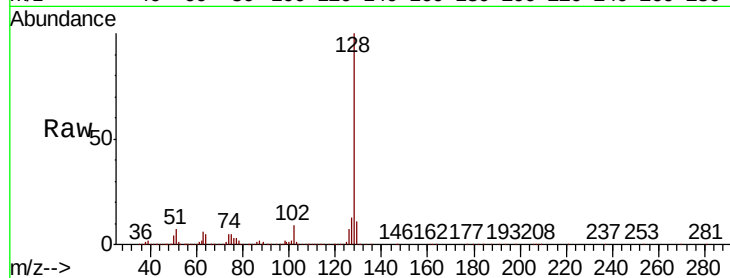
MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion:128 Resp: 2505016

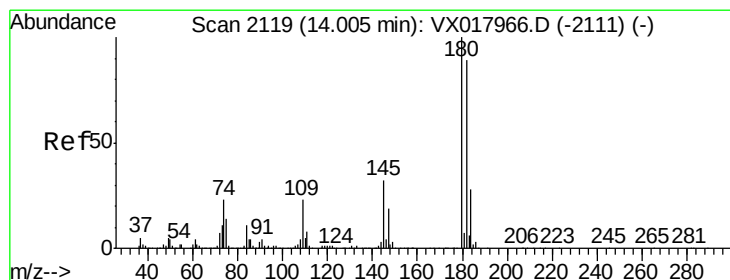
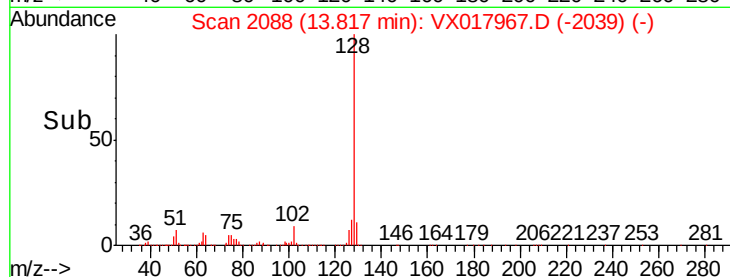
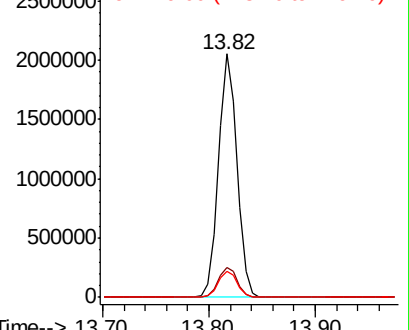
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.7	16.1
129	11.0	8.6	13.0



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: 101.358 ug/l

RT: 14.01 min Scan# 2119

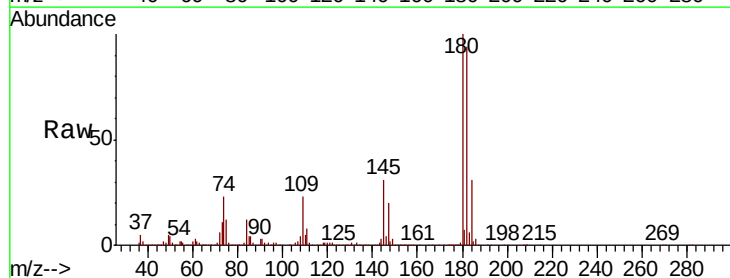
Delta R.T. 0.00 min

Lab File: VX017967.D

Acq: 18 Aug 2020 19:21

Tgt Ion:180 Resp: 767985

Ion	Ratio	Lower	Upper
180	100		
182	91.5	46.6	139.8
145	33.2	16.8	50.4



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

