

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062420\
 Data File : VX016940.D
 Acq On : 24 Jun 2020 10:19
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Jun 24 12:31:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 12:24:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	162700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	279425	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	254937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	123122	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	1448	0.783	ug/l	90
3) Chloromethane	1.32	50	2058	1.030	ug/l	99
4) Vinyl Chloride	1.39	62	1717	0.788	ug/l	96
6) Chloroethane	1.72	64	1556	1.124	ug/l	97
7) Trichlorofluoromethane	1.92	101	3100	0.976	ug/l	92
8) Diethyl Ether	2.16	74	1717	1.390	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	2.36	101	1780	1.046	ug/l #	90
12) 1,1-Dichloroethene	2.36	96	1682	0.972	ug/l	93
14) Allyl chloride	2.70	41	3854	1.557	ug/l #	85
15) Acrylonitrile	3.12	53	6547	8.099	ug/l	99
16) Acetone	2.42	43	6135	8.060	ug/l	91
17) Carbon Disulfide	2.55	76	6281	1.345	ug/l	96
18) Methyl Acetate	2.75	43	2986	1.591	ug/l #	88
19) Methyl tert-butyl Ether	3.17	73	6657	1.291	ug/l	96
20) Methylene Chloride	2.83	84	3206	1.816	ug/l	87
21) trans-1,2-Dichloroethene	3.14	96	2623	1.552	ug/l	82
22) Diisopropyl ether	3.82	45	7328	1.534	ug/l	89
23) Vinyl Acetate	3.78	43	28629	7.169	ug/l	100
24) 1,1-Dichloroethane	3.67	63	4416	1.530	ug/l #	89
25) 2-Butanone	4.63	43	7770	7.323	ug/l #	85
26) 2,2-Dichloropropane	4.54	77	3851	1.444	ug/l	83
27) cis-1,2-Dichloroethene	4.57	96	2638	1.388	ug/l	81
28) Bromochloromethane	4.98	49	2289	1.886	ug/l #	49
29) Tetrahydrofuran	5.09	42	5795	8.578	ug/l	96
30) Chloroform	5.18	83	4338	1.430	ug/l	93
32) 1,1,1-Trichloroethane	5.47	97	3200	1.123	ug/l #	45
36) 1,1-Dichloropropene	5.76	75	2893	1.101	ug/l #	81
37) Ethyl Acetate	4.80	43	3580	1.489	ug/l #	94
38) Carbon Tetrachloride	5.75	117	3223	1.106	ug/l	92
39) Methylcyclohexane	7.43	83	3372	1.127	ug/l #	93
40) Benzene	6.11	78	9322	1.190	ug/l	96
41) Methacrylonitrile	5.01	41	1700	1.299	ug/l #	75
42) 1,2-Dichloroethane	6.17	62	3825	1.348	ug/l	88
43) Isopropyl Acetate	6.42	43	6223	1.506	ug/l #	92

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Jun 24 12:31:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 12:24:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.19	130	2118	0.932	ug/l	99
45) 1,2-Dichloropropane	7.49	63	2574	1.297	ug/l #	84
46) Dibromomethane	7.63	93	1506	1.121	ug/l	93
47) Bromodichloromethane	7.87	83	2913	1.017	ug/l	94
48) Methyl methacrylate	7.75	41	1823	0.923	ug/l #	67
49) 1,4-Dioxane	7.71	88	1315	30.493	ug/l #	74
51) 4-Methyl-2-Pentanone	8.62	43	13878	5.544	ug/l	98
52) Toluene	8.76	92	5156	0.998	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	3425	1.089	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	3496	1.042	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	2002	1.036	ug/l #	87
56) Ethyl methacrylate	9.16	69	2663	0.950	ug/l	97
57) 1,3-Dichloropropane	9.35	76	3545	1.073	ug/l #	86
58) 2-Chloroethyl Vinyl ether	8.29	63	6830	5.026	ug/l #	89
59) 2-Hexanone	9.47	43	9629	5.291	ug/l	97
60) Dibromochloromethane	9.57	129	1990	0.864	ug/l	97
61) 1,2-Dibromoethane	9.65	107	2069	0.979	ug/l	94
64) Tetrachloroethene	9.32	164	1967	0.858	ug/l	96
65) Chlorobenzene	10.12	112	5676	1.090	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.20	131	2266	1.120	ug/l #	64
67) Ethyl Benzene	10.23	91	9163	1.026	ug/l	94
68) m/p-Xylenes	10.34	106	6869	1.990	ug/l	91
69) o-Xylene	10.68	106	3006	0.938	ug/l	91
70) Styrene	10.70	104	5098	0.934	ug/l	93
71) Bromoform	10.84	173	1456	0.864	ug/l #	94
73) Isopropylbenzene	11.00	105	7824	0.971	ug/l	98
74) N-amyl acetate	10.88	43	4410	1.460	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.25	83	2698	1.148	ug/l #	96
76) 1,2,3-Trichloropropane	11.28	75	3070m	1.313	ug/l	
77) Bromobenzene	11.24	156	2053	0.951	ug/l	93
78) n-propylbenzene	11.34	91	8788	0.968	ug/l	94
79) 2-Chlorotoluene	11.40	91	5878	1.059	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	6822	0.986	ug/l	97
82) 4-Chlorotoluene	11.49	91	7630	1.150	ug/l	98
83) tert-Butylbenzene	11.76	119	6012	0.875	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	6658	0.932	ug/l	97
85) sec-Butylbenzene	11.93	105	7033	0.879	ug/l	96
86) p-Isopropyltoluene	12.05	119	6516	0.898	ug/l	91
87) 1,3-Dichlorobenzene	12.01	146	4403	1.122	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	4404m	1.102	ug/l	
89) n-Butylbenzene	12.37	91	5898	0.930	ug/l	92
90) Hexachloroethane	12.57	117	1393	1.051	ug/l	86
91) 1,2-Dichlorobenzene	12.38	146	3788	0.990	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.98	75	816	1.484	ug/l	86
93) 1,2,4-Trichlorobenzene	13.63	180	2537	1.023	ug/l	96
94) Hexachlorobutadiene	13.76	225	945	0.859	ug/l	93
95) Naphthalene	13.82	128	7360	0.976	ug/l	98
96) 1,2,3-Trichlorobenzene	14.00	180	2051	0.839	ug/l	97

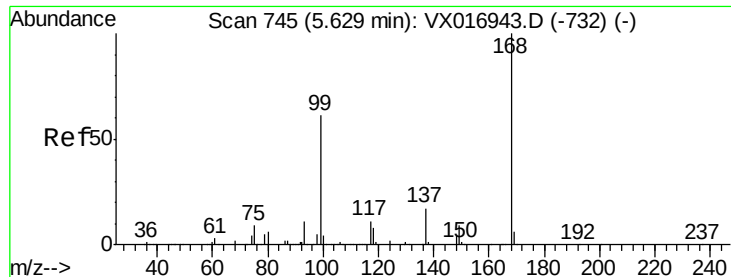
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062420\
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ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

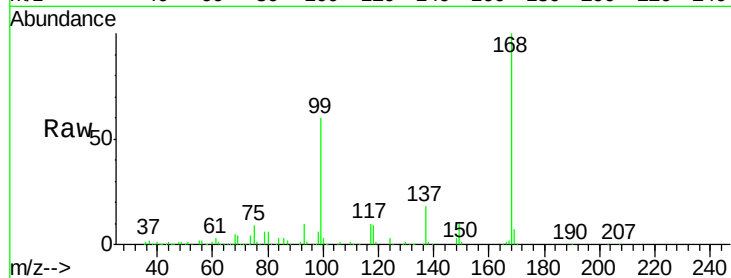
VSTDIC001

Tot Ion:168 Resp: 162700

Ion Ratio Lower Upper

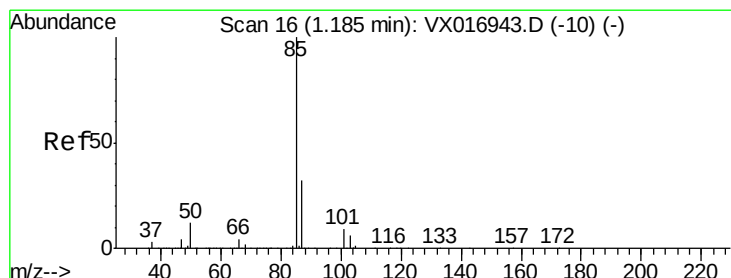
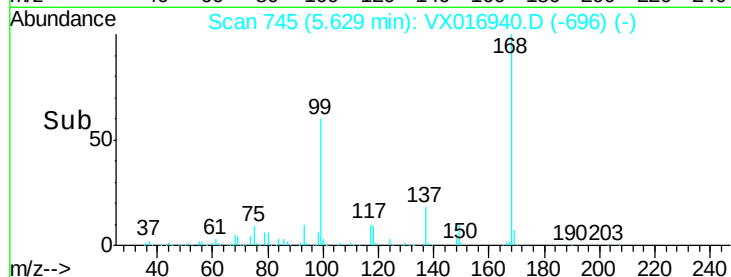
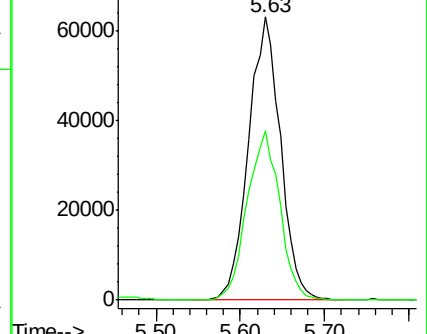
168 100

99 59.9 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.783 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016940.D

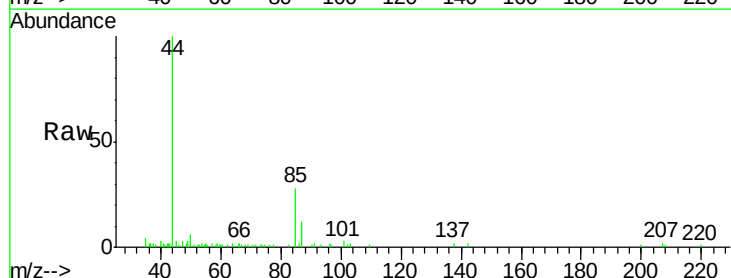
Acq: 24 Jun 2020 10:19

Tgt Ion: 85 Resp: 1448

Ion Ratio Lower Upper

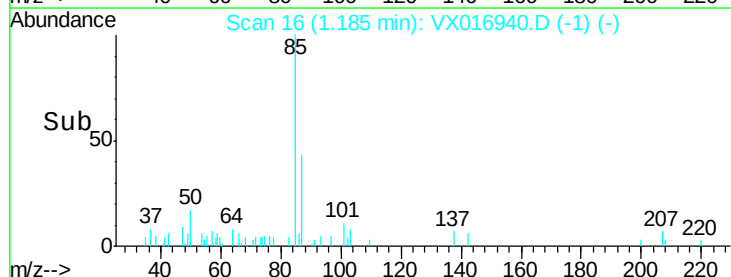
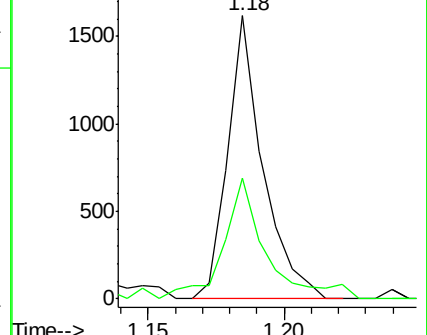
85 100

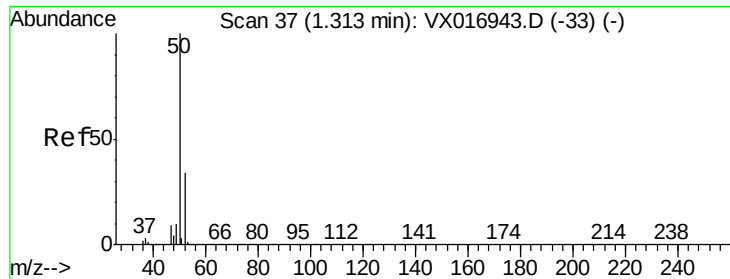
87 37.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 1.030 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

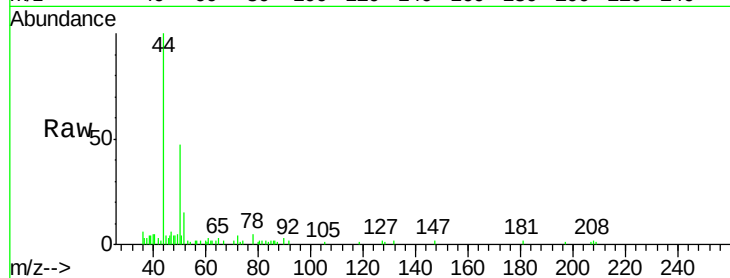
VSTDIC001

Tot Ion: 50 Resp: 2058

Ion Ratio Lower Upper

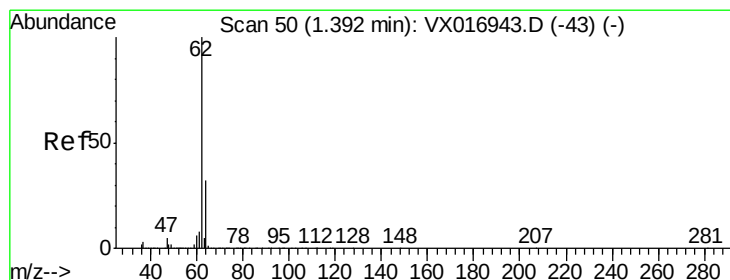
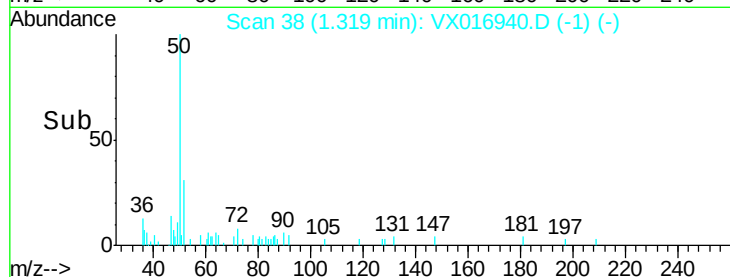
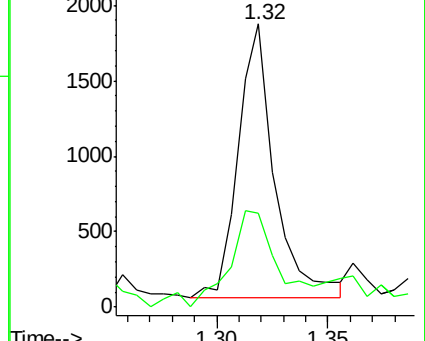
50 100

52 34.4 27.2 40.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 0.788 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016940.D

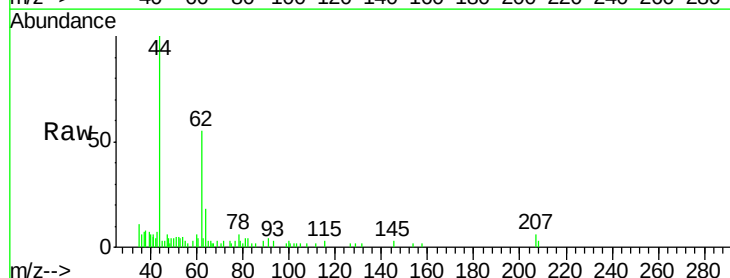
Acq: 24 Jun 2020 10:19

Tgt Ion: 62 Resp: 1717

Ion Ratio Lower Upper

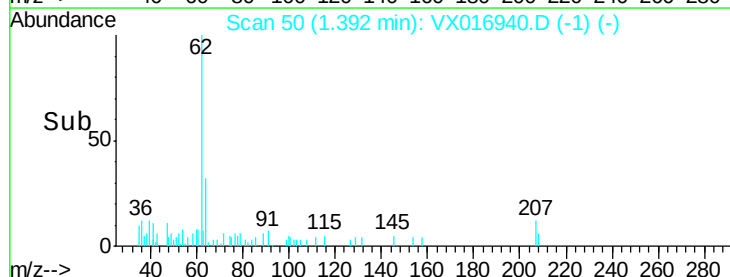
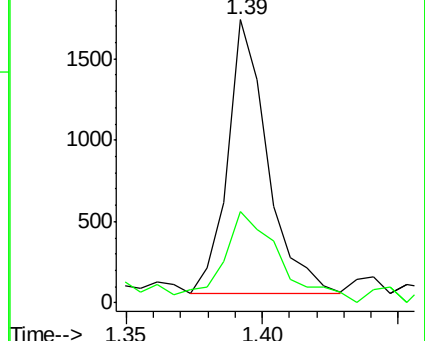
62 100

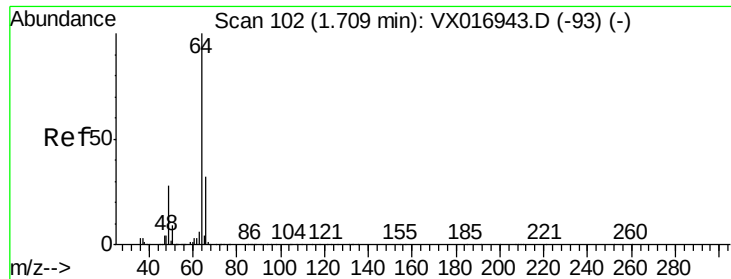
64 29.6 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#6

Chloroethane

Concen: 1.124 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

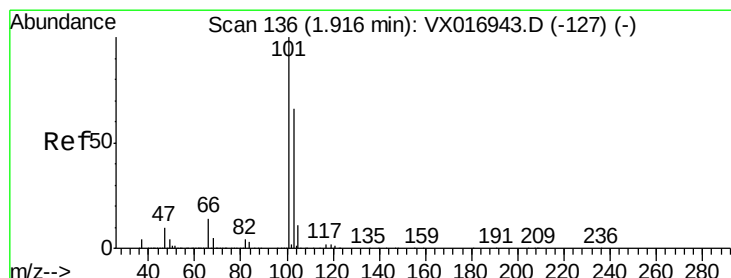
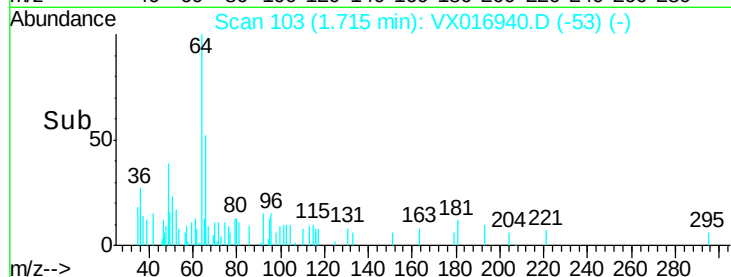
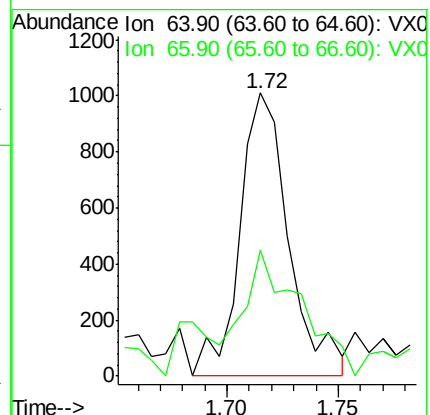
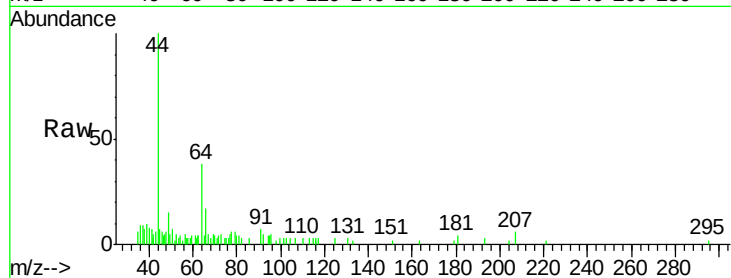
VSTDIC001

Tot Ion: 64 Resp: 1556

Ion Ratio Lower Upper

64 100

66 33.9 25.9 38.9



#7

Trichlorofluoromethane

Concen: 0.976 ug/l

RT: 1.92 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX016940.D

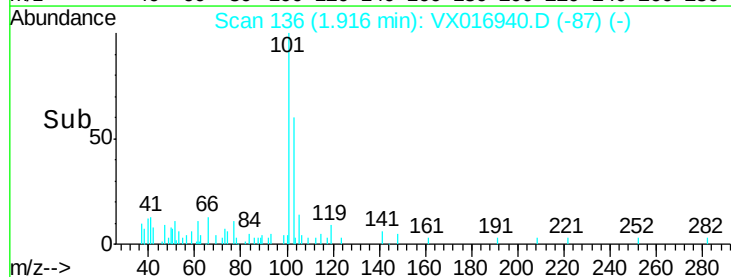
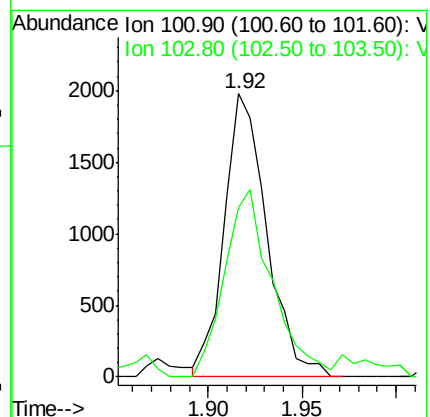
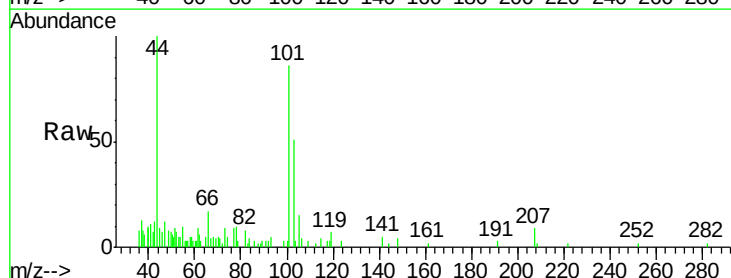
Acq: 24 Jun 2020 10:19

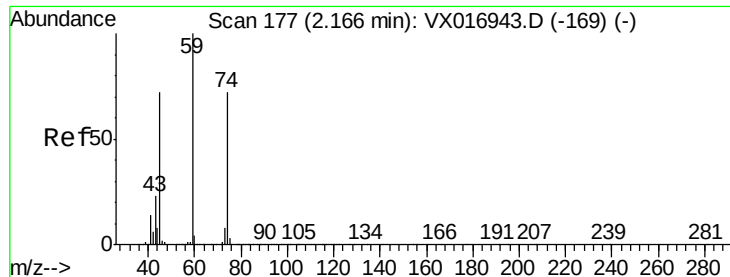
Tgt Ion: 101 Resp: 3100

Ion Ratio Lower Upper

101 100

103 59.9 53.0 79.4





#8

Diethyl Ether

Concen: 1.390 ug/l

RT: 2.16 min Scan# 176

Delta R.T. -0.01 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

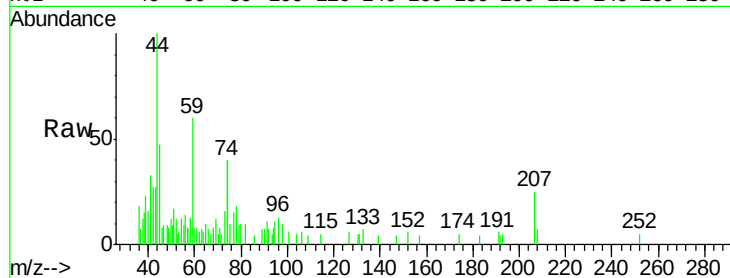
VSTDIC001

Tot Ion: 74 Resp: 1717

Ion Ratio Lower Upper

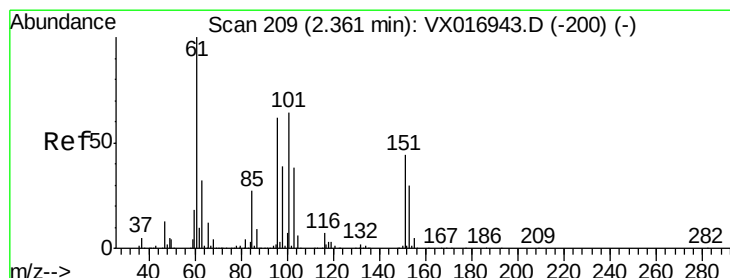
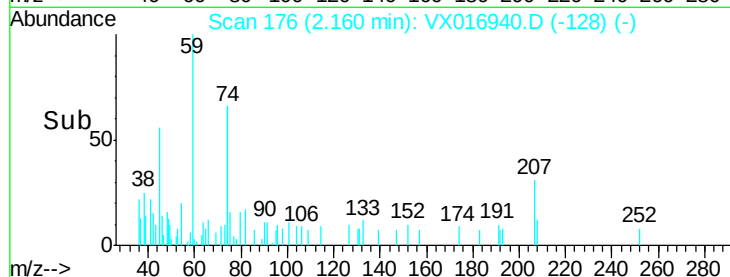
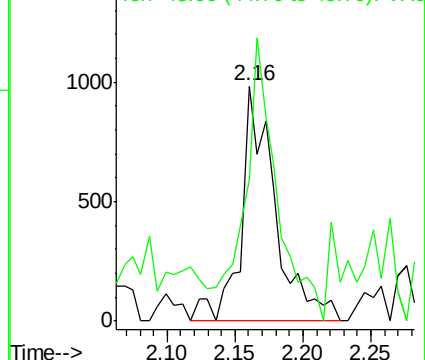
74 100

45 114.0 49.1 147.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.046 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

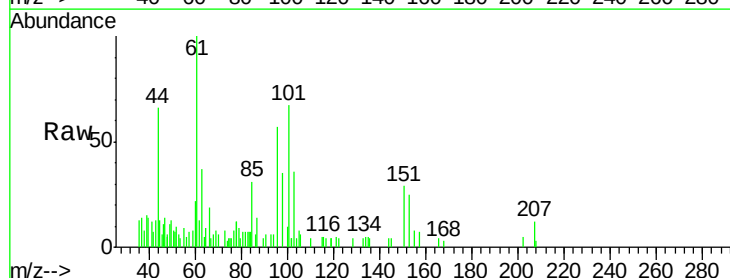
Tgt Ion:101 Resp: 1780

Ion Ratio Lower Upper

101 100

85 59.1 36.7 55.1#

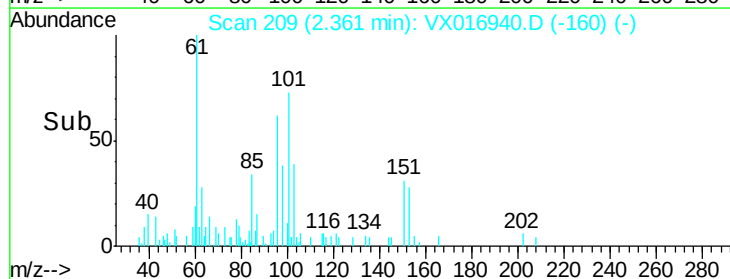
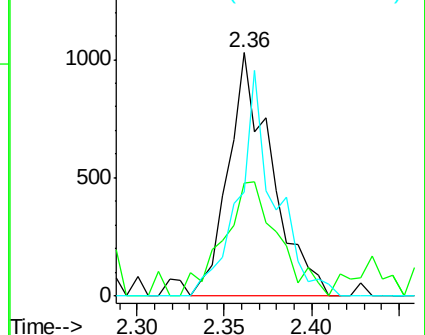
151 76.1 58.2 87.4

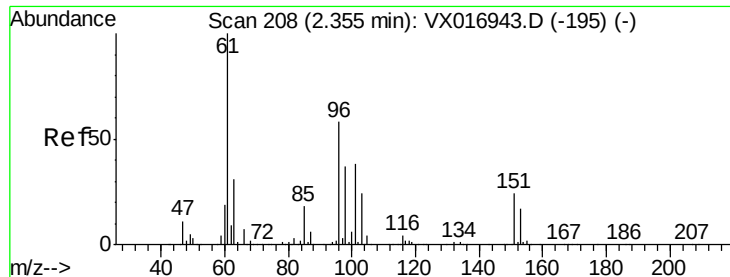


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

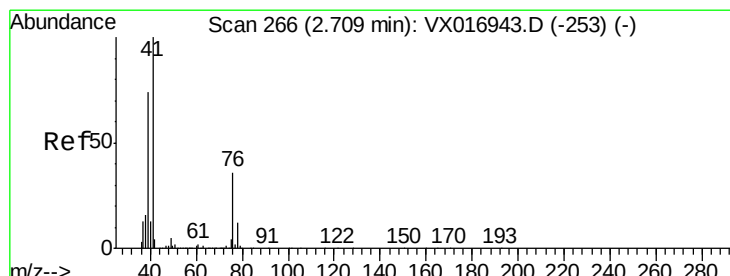
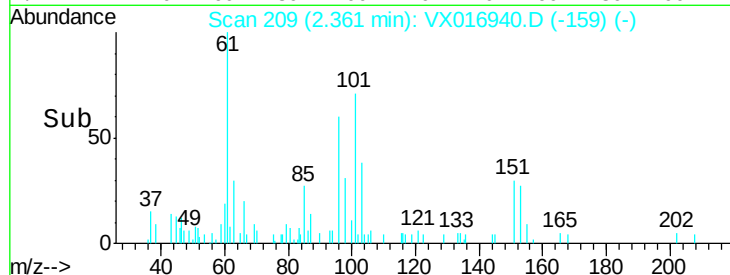
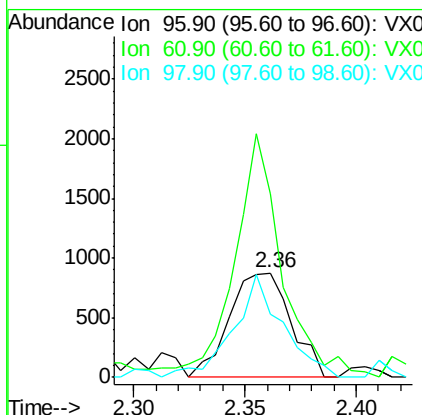
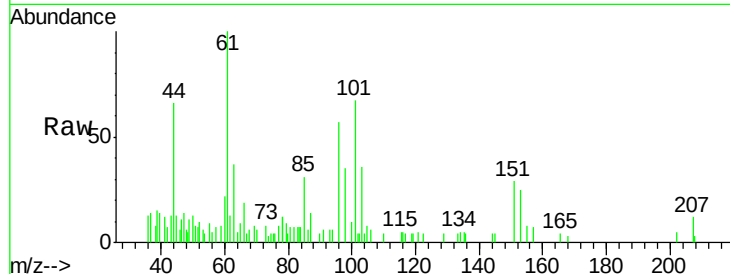




#12
 1,1-Dichloroethene
 Concen: 0.972 ug/l
 RT: 2.36 min Scan# 209
 Delta R.T. 0.01 min
 Lab File: VX016940.D
 Acq: 24 Jun 2020 10:19

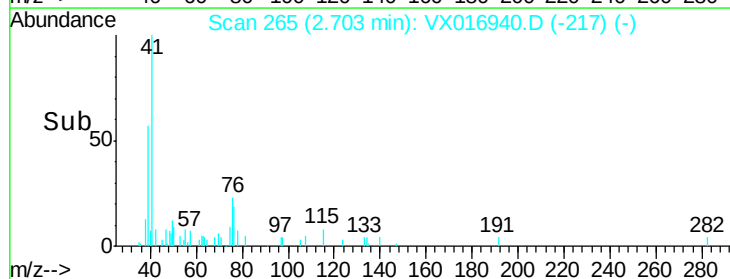
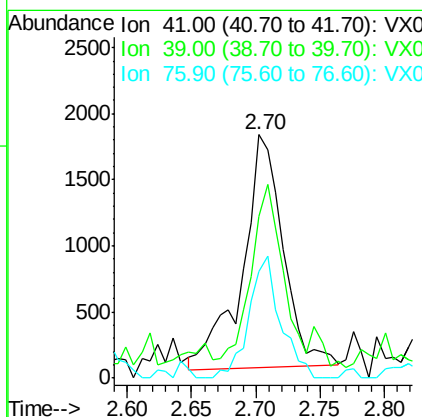
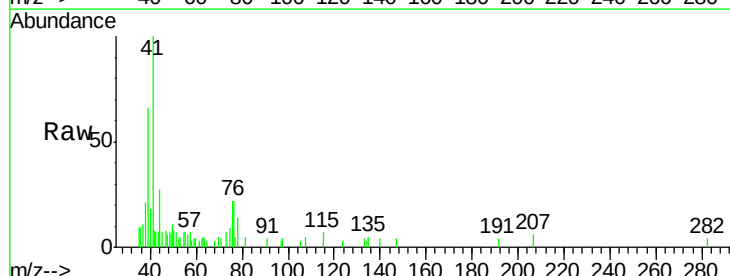
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

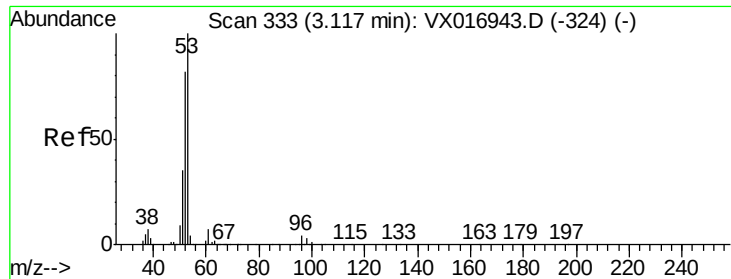
Tot Ion: 96 Resp: 1682
 Ion Ratio Lower Upper
 96 100
 61 162.6 138.6 208.0
 98 60.5 51.1 76.7



#14
 Allyl chloride
 Concen: 1.557 ug/l
 RT: 2.70 min Scan# 265
 Delta R.T. -0.01 min
 Lab File: VX016940.D
 Acq: 24 Jun 2020 10:19

Tgt Ion: 41 Resp: 3854
 Ion Ratio Lower Upper
 41 100
 39 54.9 54.5 81.7
 76 40.3 26.1 39.1#





#15

Acrylonitrile

Concen: 8.099 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

Instrument :

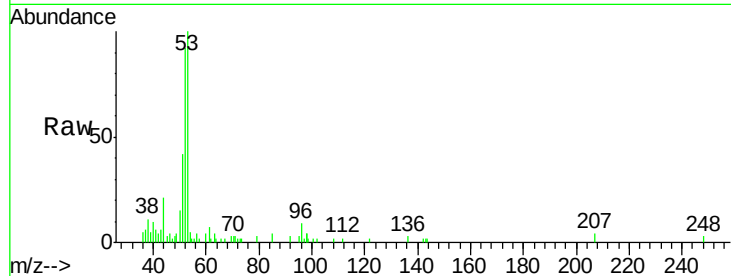
MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 53 Resp: 6547

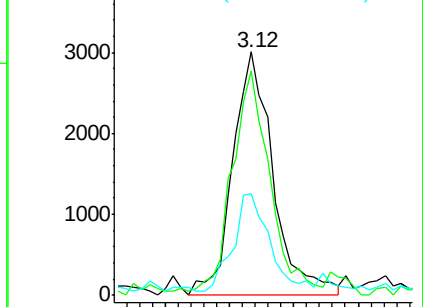
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.2	99.2
51	34.9	29.0	43.6



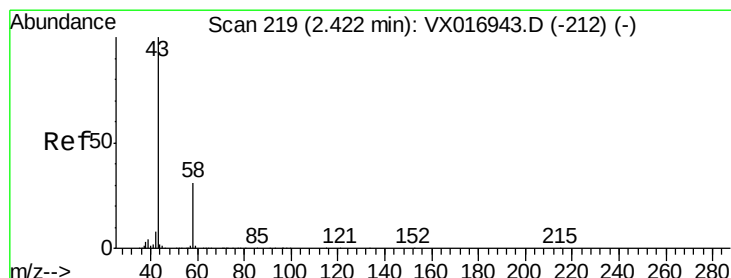
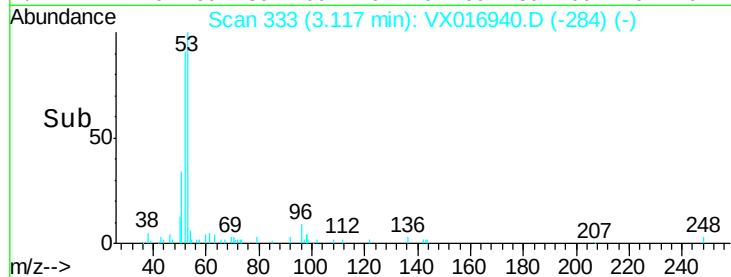
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 8.060 ug/l

RT: 2.42 min Scan# 218

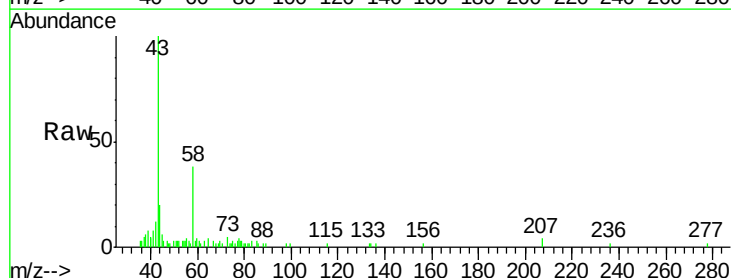
Delta R.T. -0.01 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

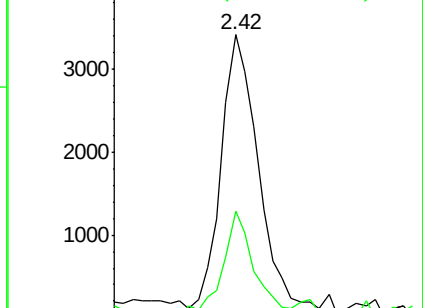
Tgt Ion: 43 Resp: 6135

Ion	Ratio	Lower	Upper
43	100		
58	36.2	25.0	37.4

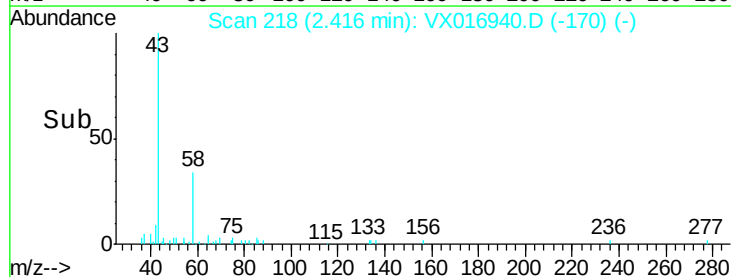


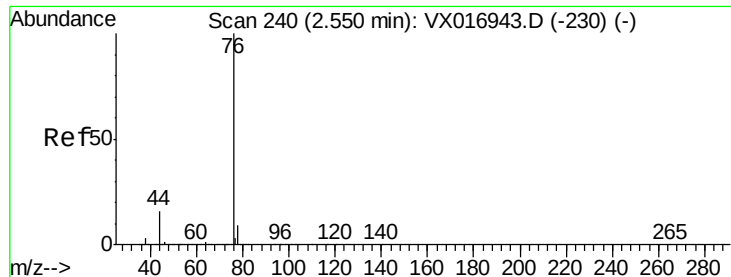
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->





#17

Carbon Disulfide

Concen: 1.345 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

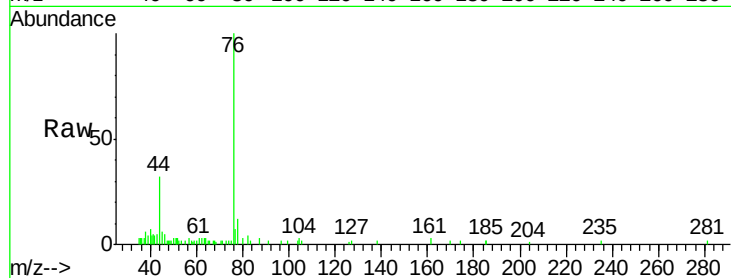
VSTDIC001

Tot Ion: 76 Resp: 6281

Ion Ratio Lower Upper

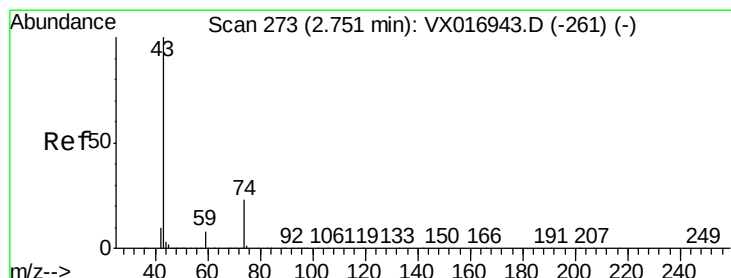
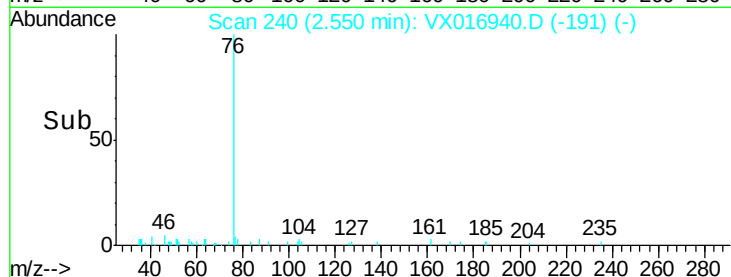
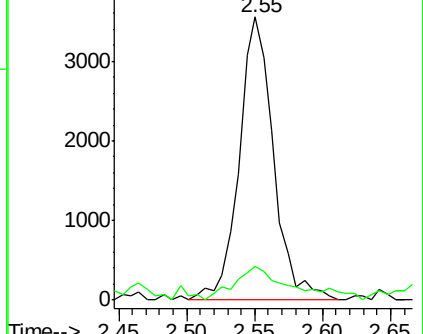
76 100

78 10.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 1.591 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX016940.D

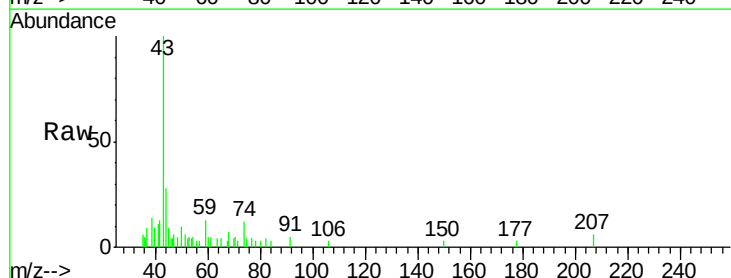
Acq: 24 Jun 2020 10:19

Tgt Ion: 43 Resp: 2986

Ion Ratio Lower Upper

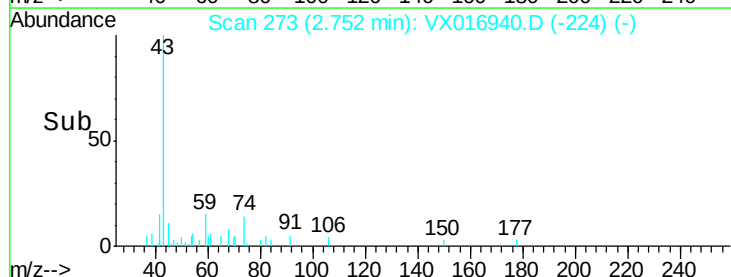
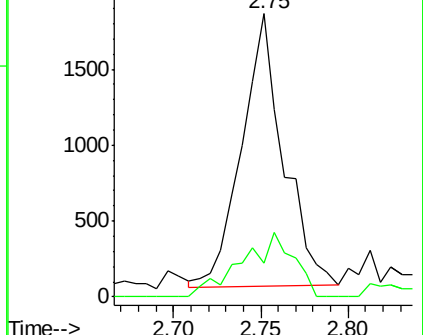
43 100

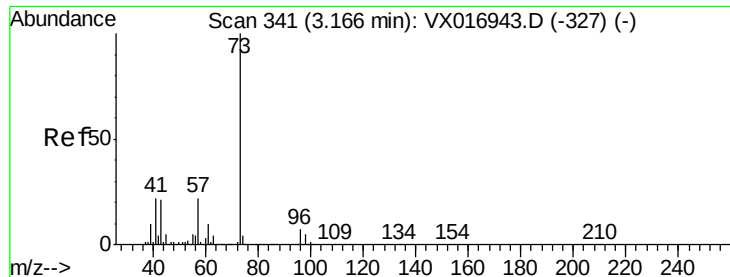
74 29.3 18.8 28.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



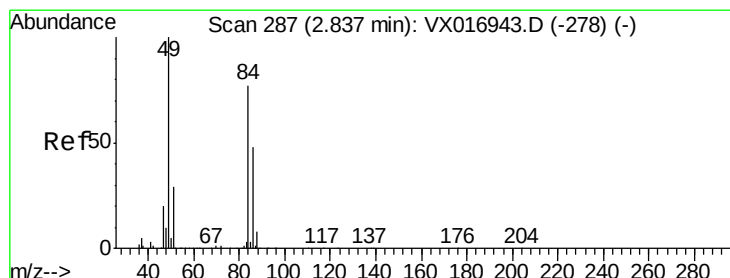
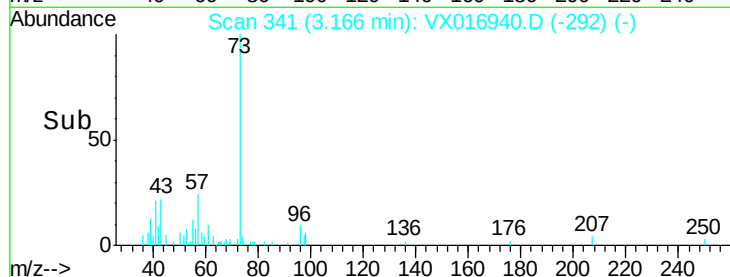
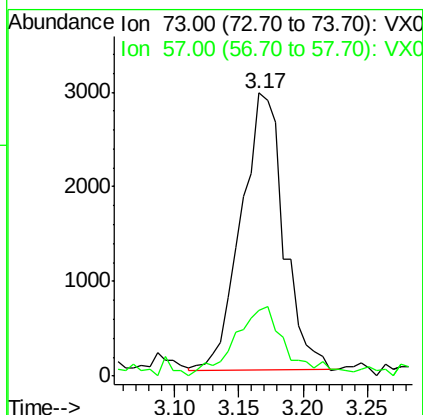
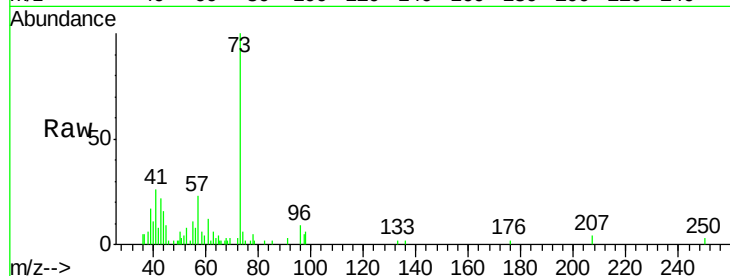


#19

Methyl tert-butyl Ether
 Concen: 1.291 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX016940.D
 Acq: 24 Jun 2020 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

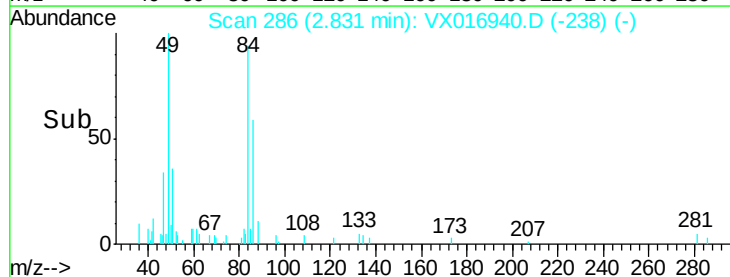
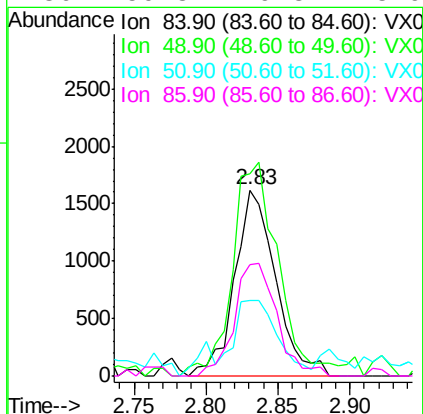
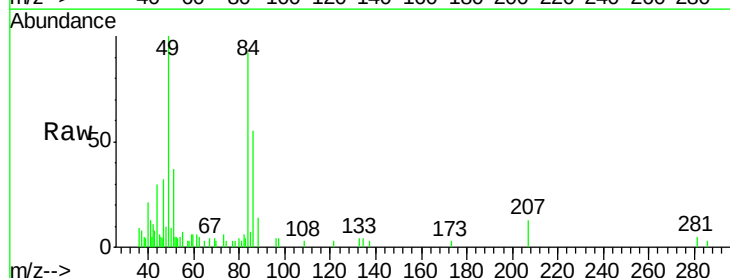
Tot Ion: 73 Resp: 6657
 Ion Ratio Lower Upper
 73 100
 57 24.0 17.6 26.4

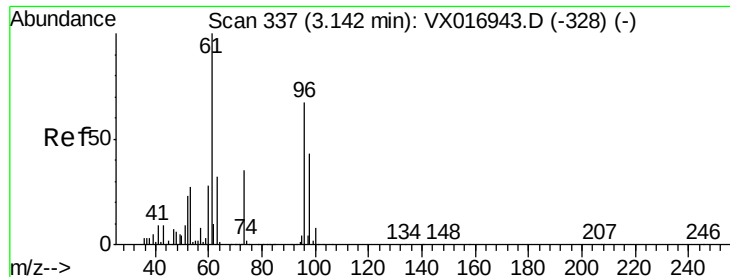


#20

Methylene Chloride
 Concen: 1.816 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016940.D
 Acq: 24 Jun 2020 10:19

Tgt Ion: 84 Resp: 3206
 Ion Ratio Lower Upper
 84 100
 49 104.7 103.7 155.5
 51 36.9 29.9 44.9
 86 59.8 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 1.552 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

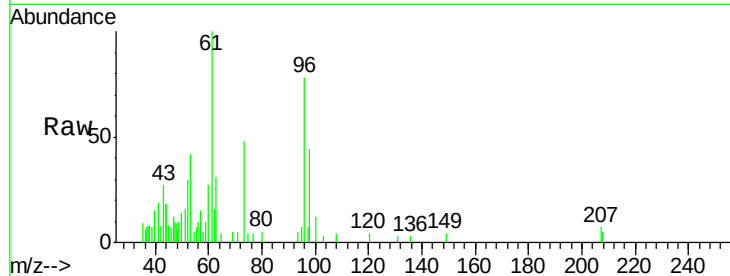
Tot Ion: 96 Resp: 2623

Ion Ratio Lower Upper

96 100

61 123.6 120.1 180.1

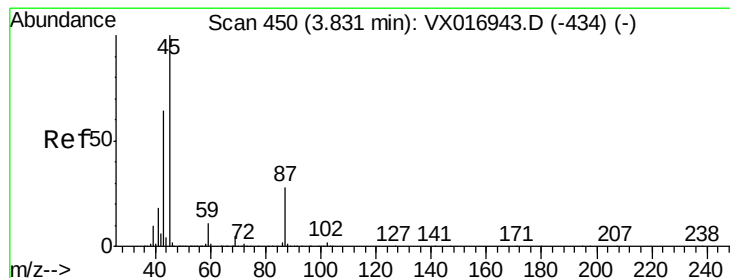
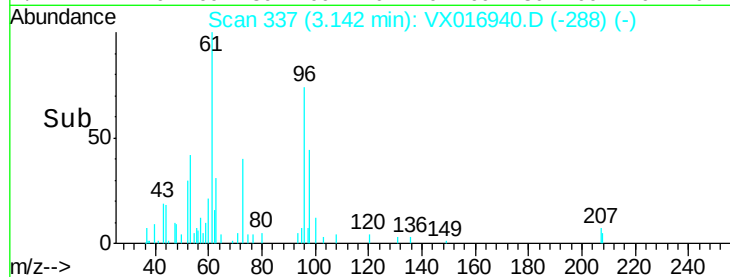
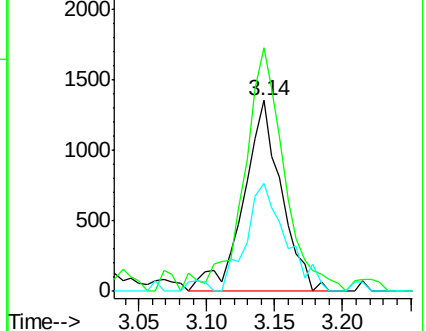
98 56.7 52.1 78.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 1.534 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

Tgt Ion: 45 Resp: 7328

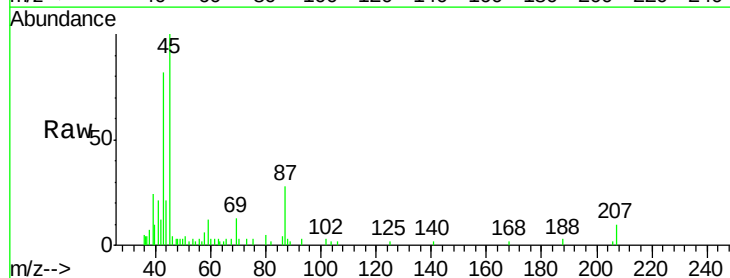
Ion Ratio Lower Upper

45 100

43 76.6 51.2 76.8

87 29.4 22.2 33.4

59 12.0 9.0 13.6

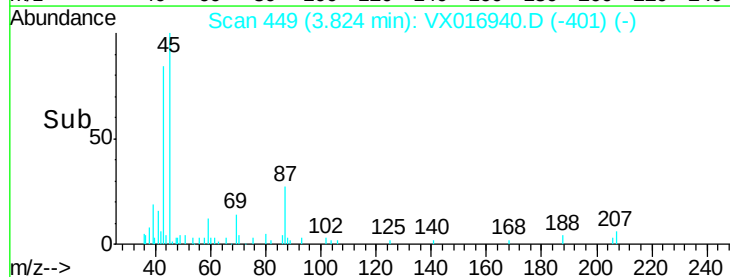
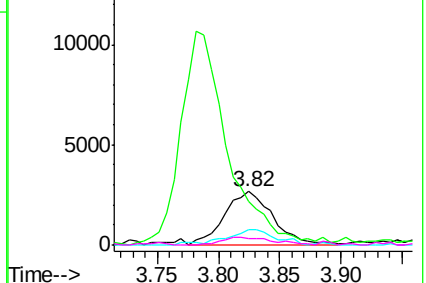


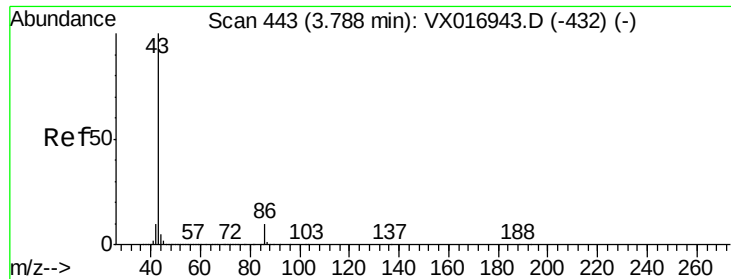
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

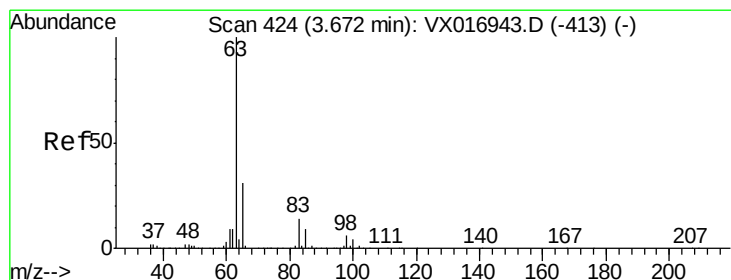
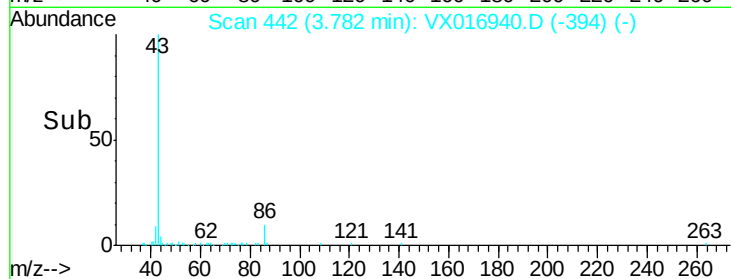
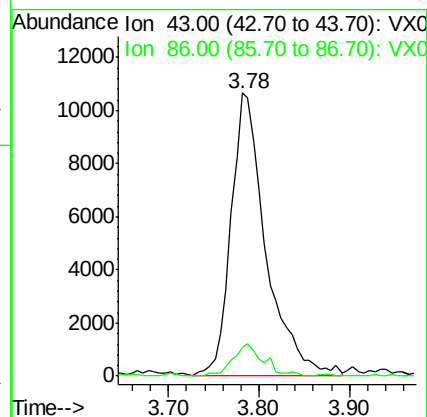
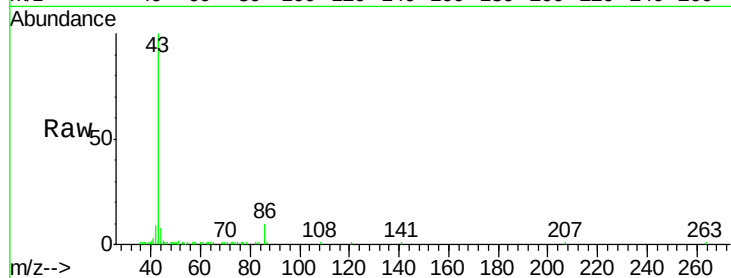




#23
 Vinyl Acetate
 Concen: 7.169 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.01 min
 Lab File: VX016940.D
 Acq: 24 Jun 2020 10:19

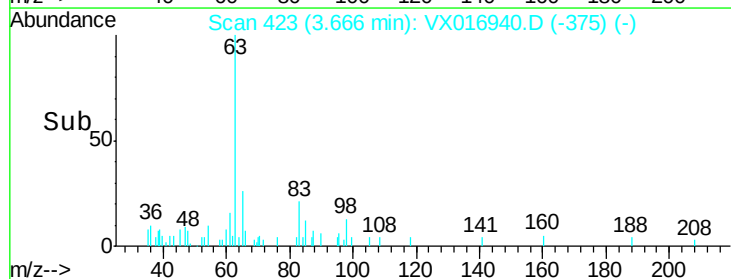
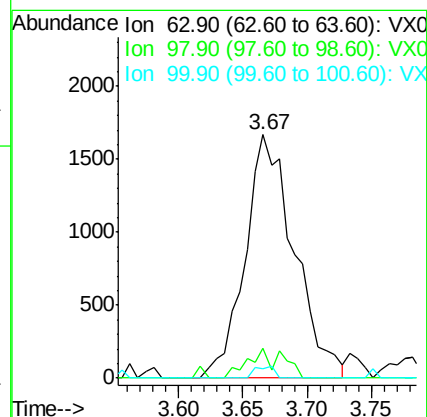
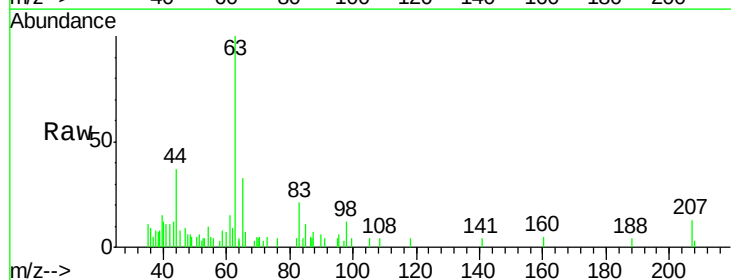
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

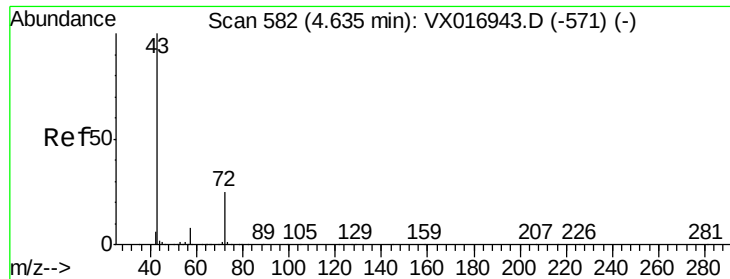
Tot Ion: 43 Resp: 28629
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 1.530 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: VX016940.D
 Acq: 24 Jun 2020 10:19

Tgt Ion: 63 Resp: 4416
 Ion Ratio Lower Upper
 63 100
 98 12.4 3.2 9.6#
 100 4.0 2.1 6.5





#25

2-Butanone

Concen: 7.323 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

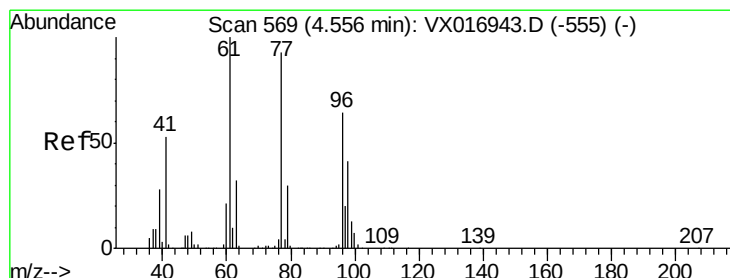
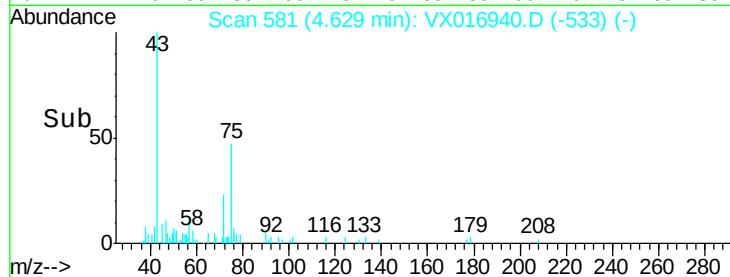
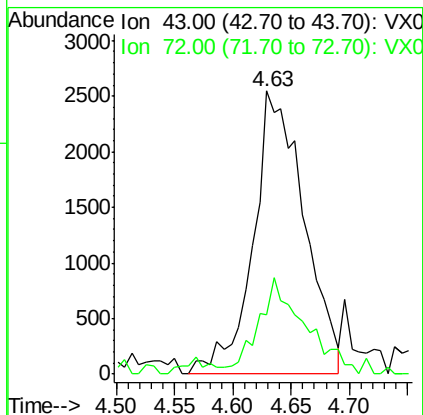
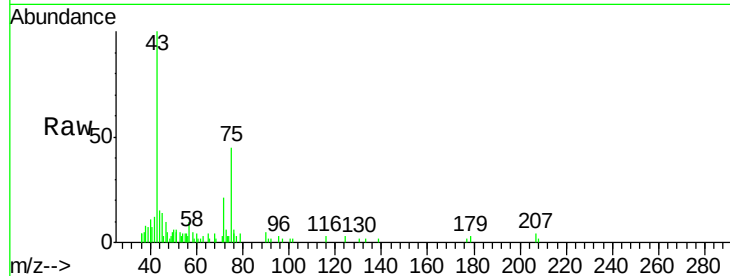
VSTDIC001

Tot Ion: 43 Resp: 7770

Ion Ratio Lower Upper

43 100

72 18.1 20.6 30.8#



#26

2,2-Dichloropropane

Concen: 1.444 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016940.D

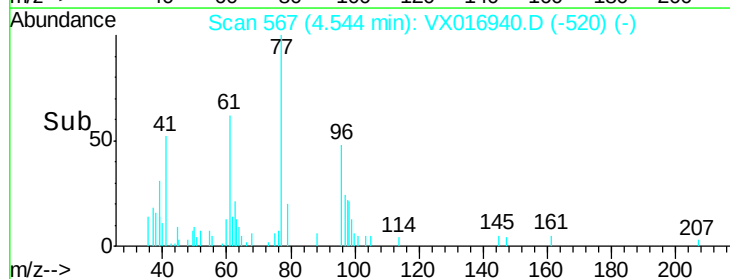
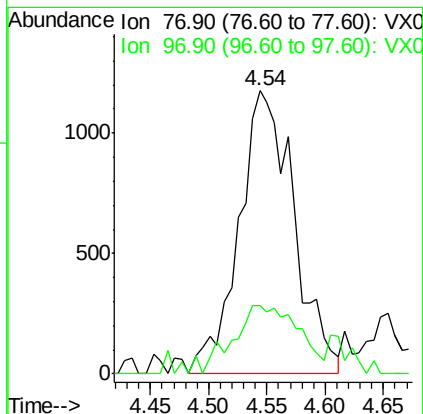
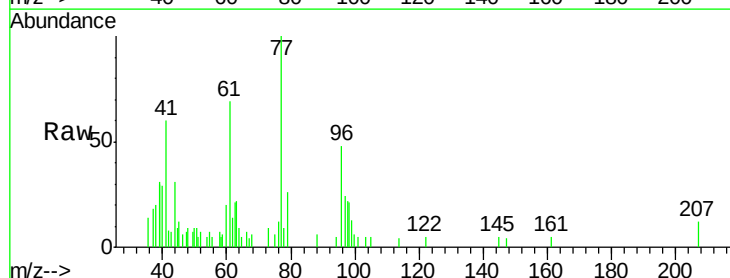
Acq: 24 Jun 2020 10:19

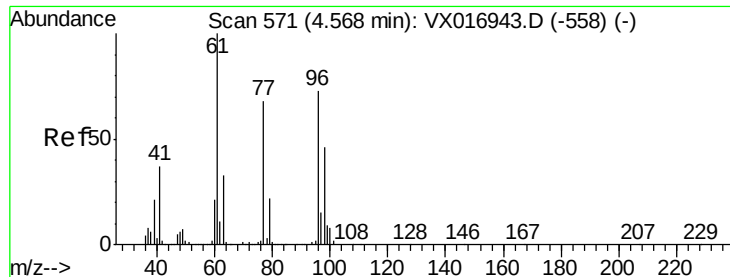
Tgt Ion: 77 Resp: 3851

Ion Ratio Lower Upper

77 100

97 29.3 10.7 32.1



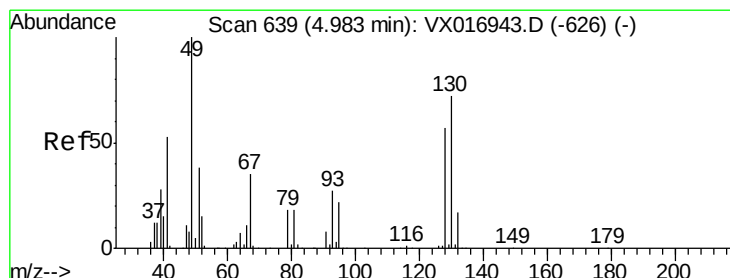
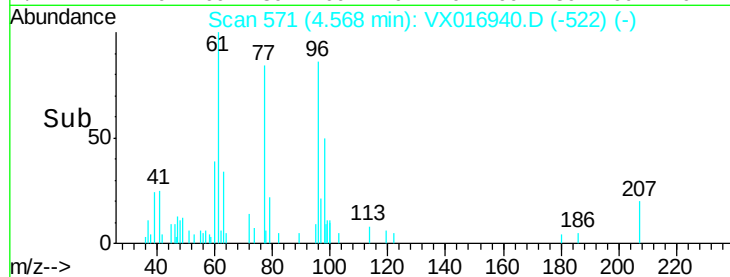
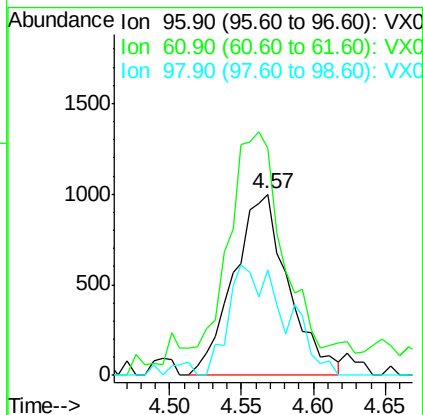
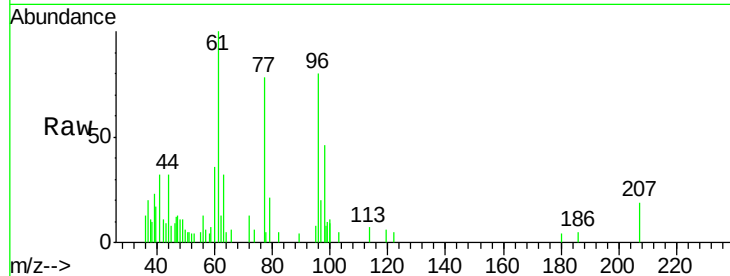


#27

cis-1,2-Dichloroethene
Concen: 1.388 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX016940.D
Acq: 24 Jun 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

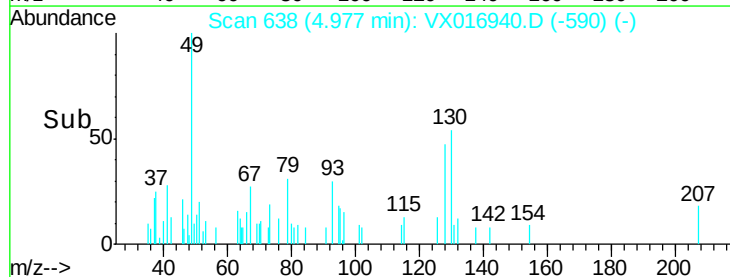
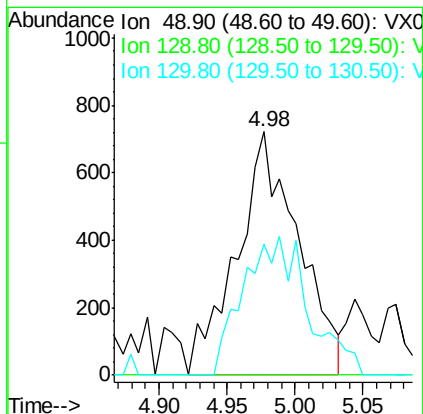
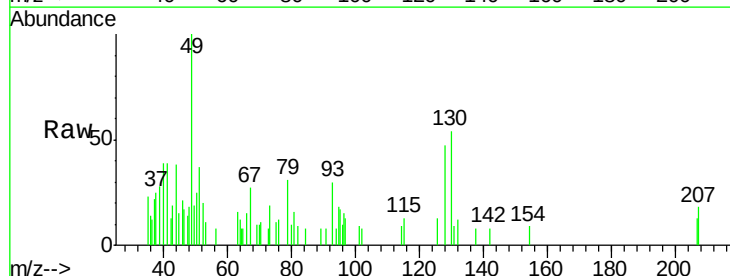
Tot Ion: 96 Resp: 2638
Ion Ratio Lower Upper
96 100
61 126.6 0.0 302.2
98 50.6 0.0 128.0

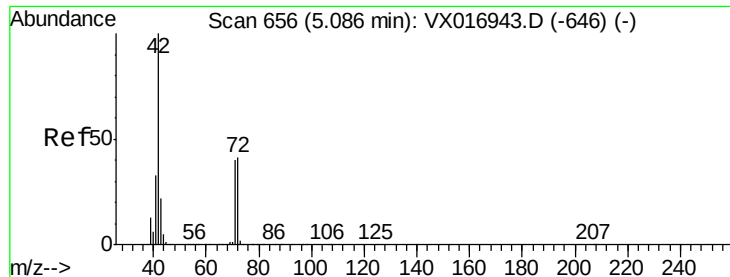


#28

Bromochloromethane
Concen: 1.886 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016940.D
Acq: 24 Jun 2020 10:19

Tgt Ion: 49 Resp: 2289
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 29.4 59.1 88.7#

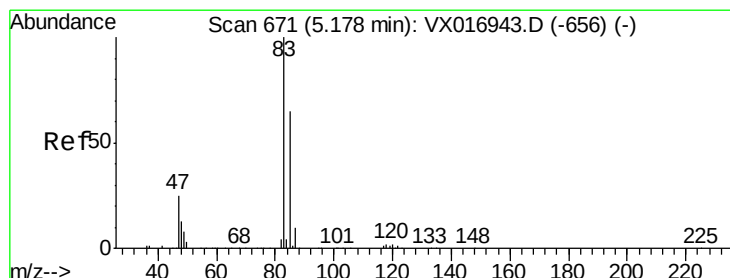
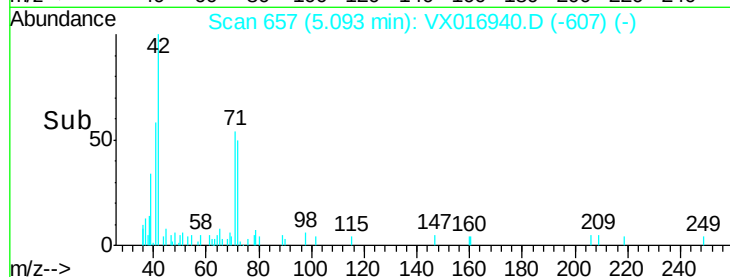
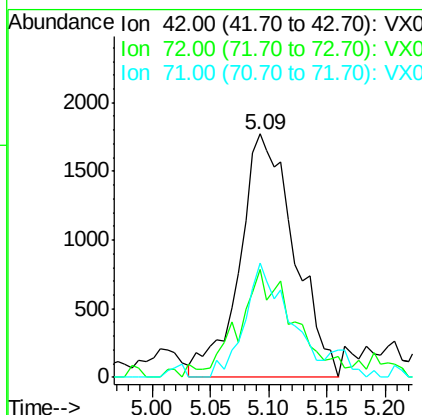
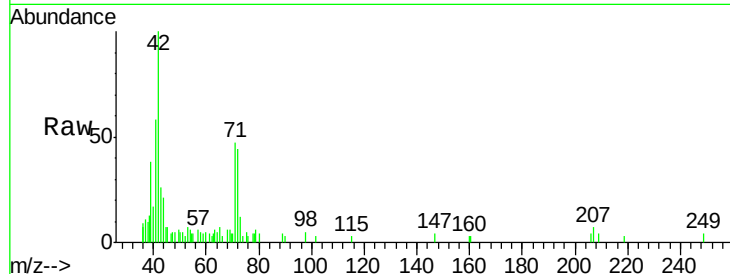




#29
Tetrahydrofuran
Concen: 8.578 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX016940.D
Acq: 24 Jun 2020 10:19

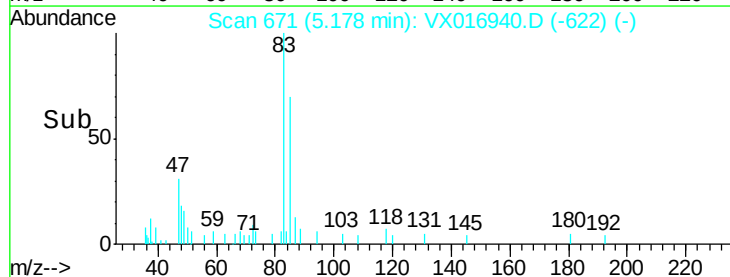
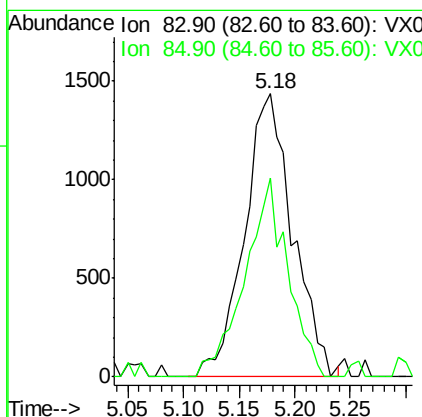
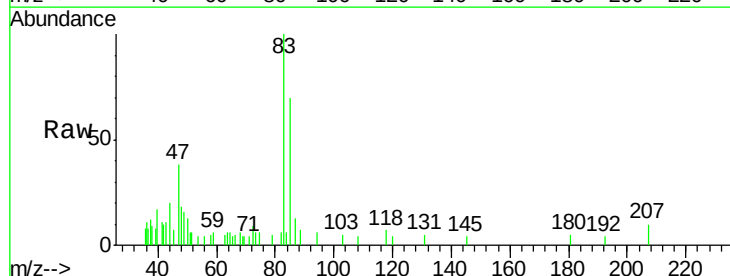
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

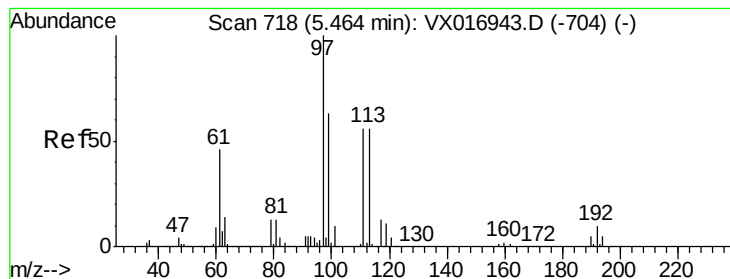
Tot Ion: 42 Resp: 5795
Ion Ratio Lower Upper
42 100
72 46.2 34.5 51.7
71 38.3 32.1 48.1



#30
Chloroform
Concen: 1.430 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016940.D
Acq: 24 Jun 2020 10:19

Tgt Ion: 83 Resp: 4338
Ion Ratio Lower Upper
83 100
85 70.5 51.8 77.6





#32

1,1,1-Trichloroethane

Concen: 1.123 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

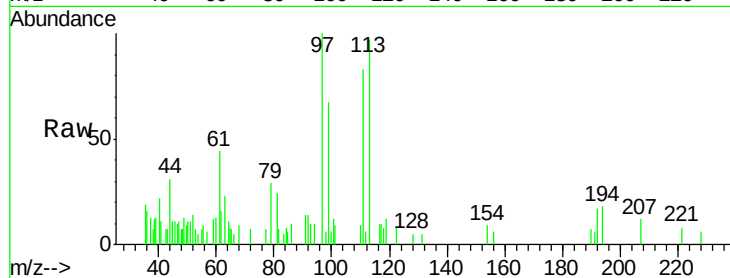
Tot Ion: 97 Resp: 3200

Ion Ratio Lower Upper

97 100

99 0.0 50.8 76.2#

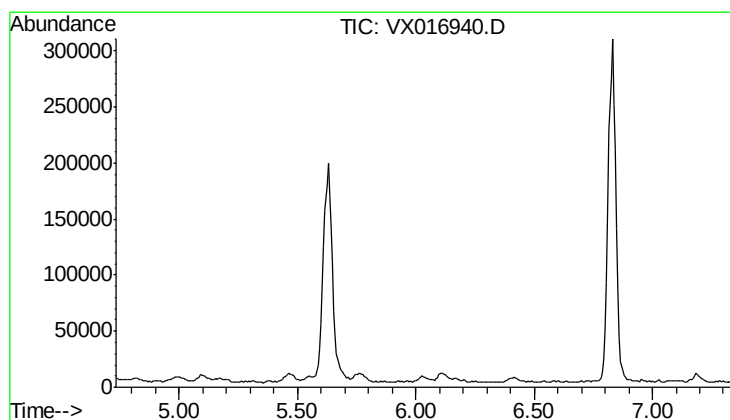
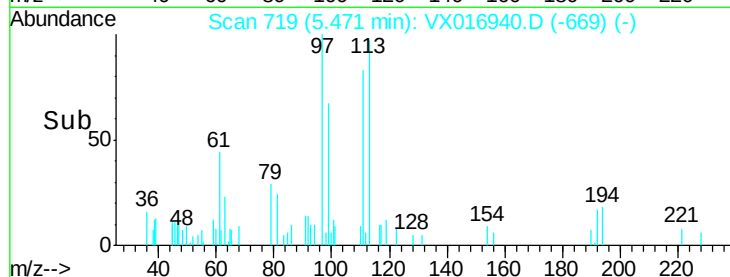
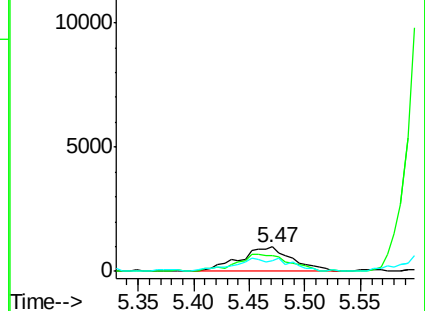
61 34.3 36.2 54.2#



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.03 min

Lab File: VX016940.D

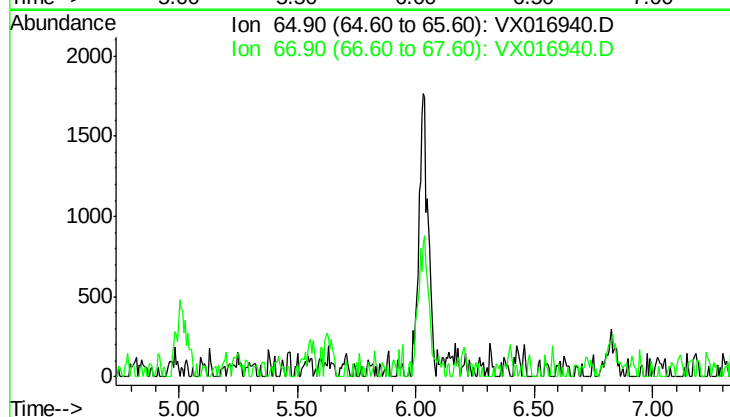
Acq: 24 Jun 2020 10:19

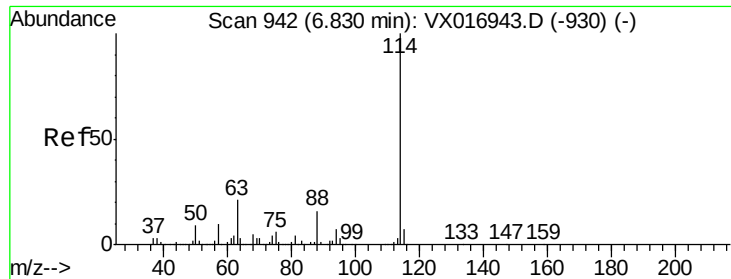
Tgt Ion: 65

Sig Exp Ratio

65 100

67 51.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

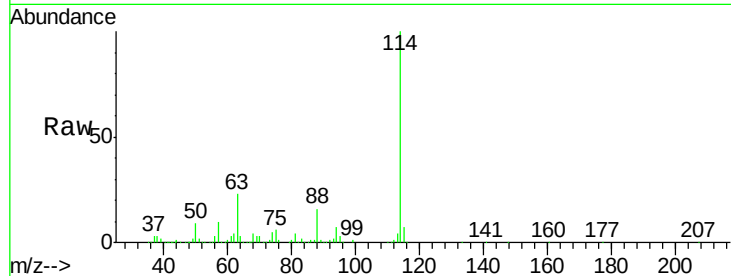
Tot Ion:114 Resp: 279425

Ion Ratio Lower Upper

114 100

63 22.7 0.0 42.6

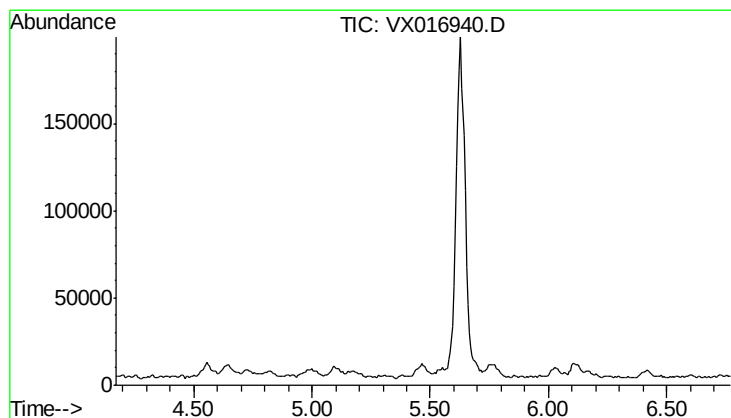
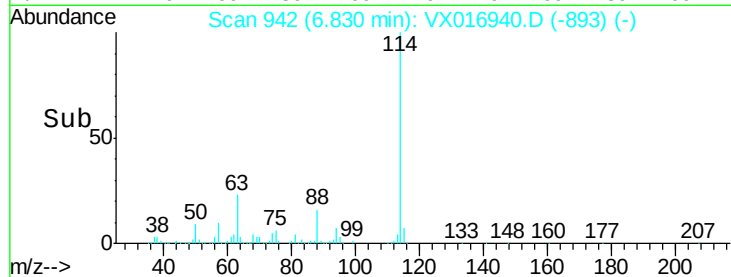
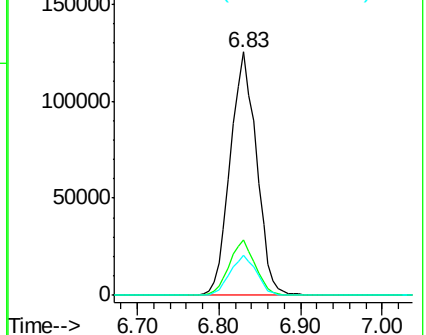
88 16.3 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 5.47 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

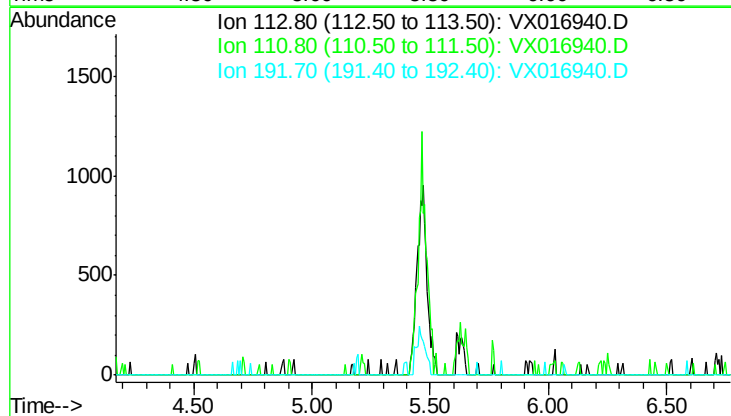
Tgt Ion: 113

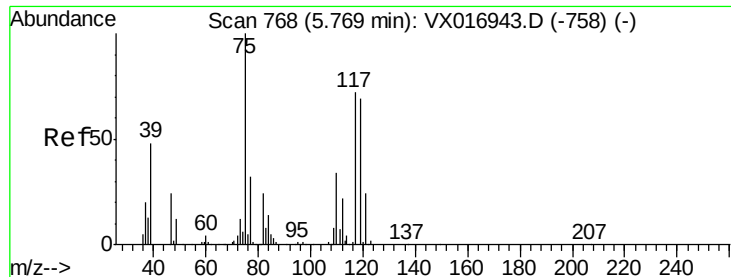
Sig Exp Ratio

113 100

111 103.7

192 18.1





#36

1,1-Dichloropropene

Concen: 1.101 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

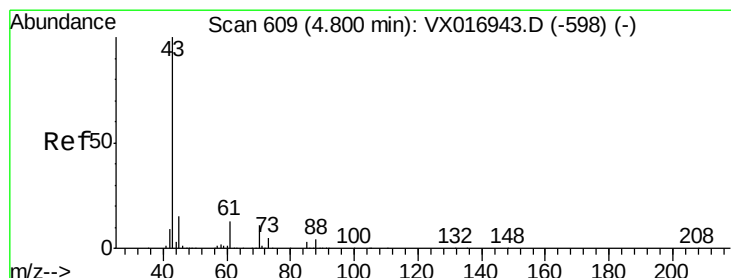
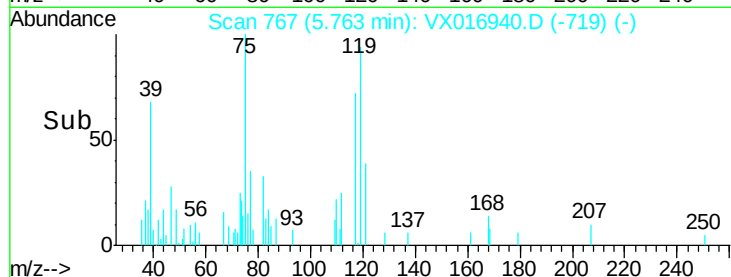
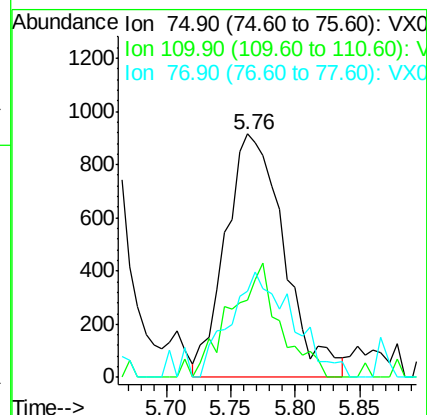
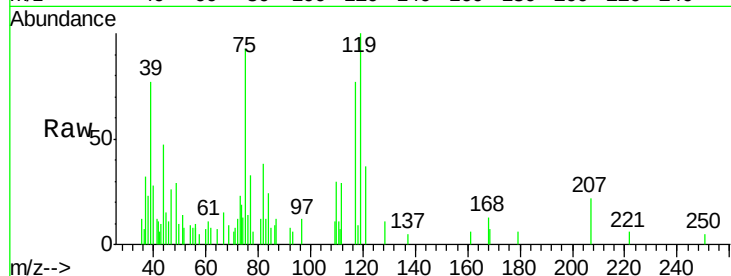
Tot Ion: 75 Resp: 2893

Ion Ratio Lower Upper

75 100

110 40.3 16.9 50.7

77 46.5 25.0 37.4#



#37

Ethyl Acetate

Concen: 1.489 ug/l

RT: 4.80 min Scan# 609

Delta R.T. 0.00 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

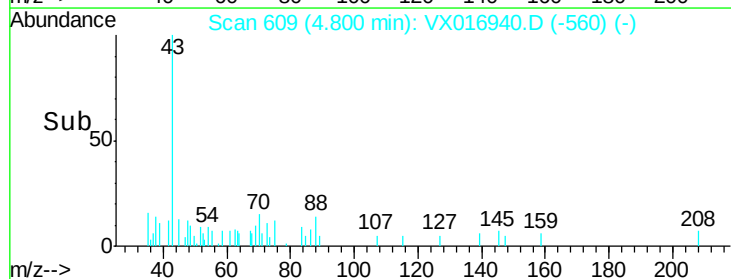
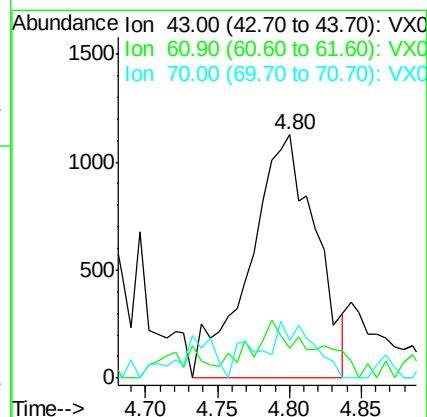
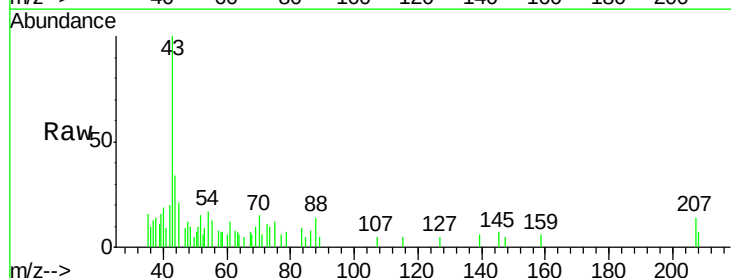
Tgt Ion: 43 Resp: 3580

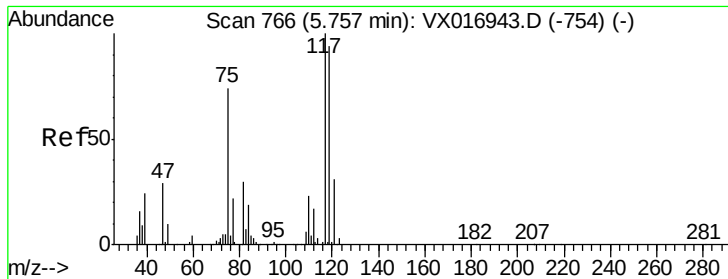
Ion Ratio Lower Upper

43 100

61 10.8 11.0 16.6#

70 12.2 8.7 13.1





#38

Carbon Tetrachloride

Concen: 1.106 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

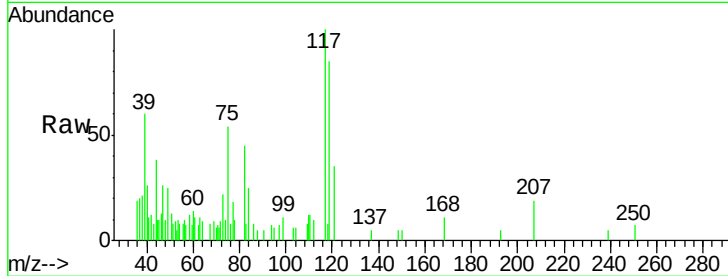
Tot Ion:117 Resp: 3223

Ion Ratio Lower Upper

117 100

119 84.9 74.7 112.1

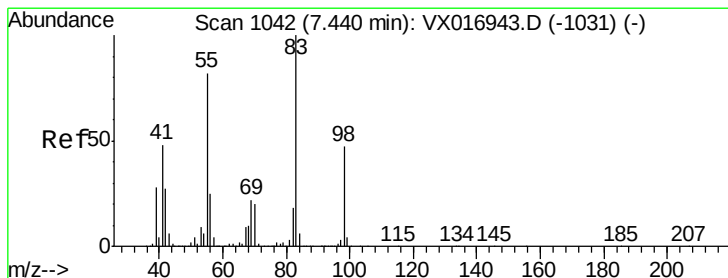
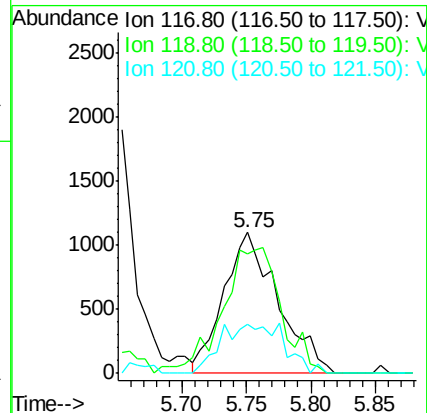
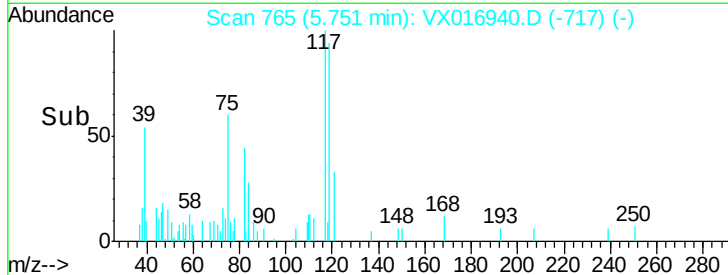
121 35.3 25.0 37.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 1.127 ug/l

RT: 7.43 min Scan# 1041

Delta R.T. -0.01 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

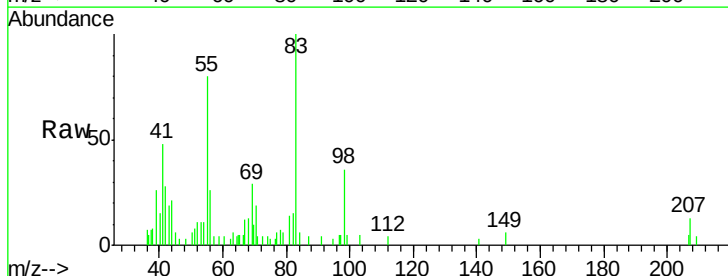
Tgt Ion: 83 Resp: 3372

Ion Ratio Lower Upper

83 100

55 80.4 65.5 98.3

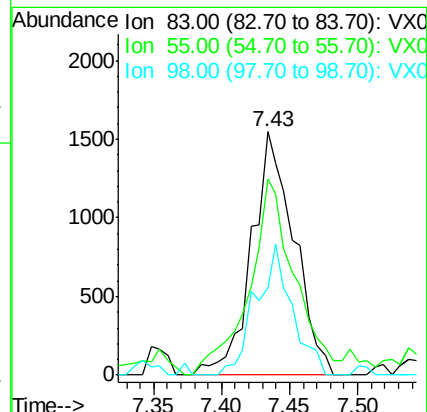
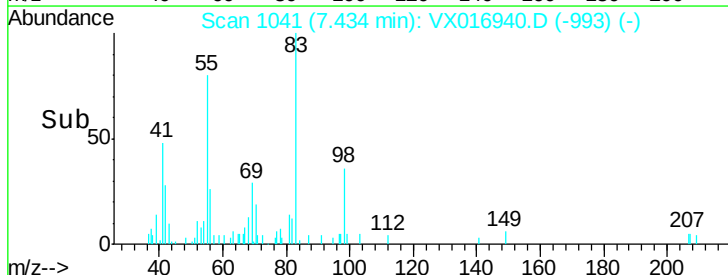
98 35.7 37.8 56.8#

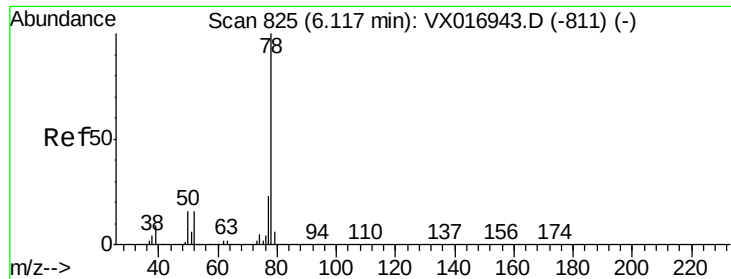


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 1.190 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

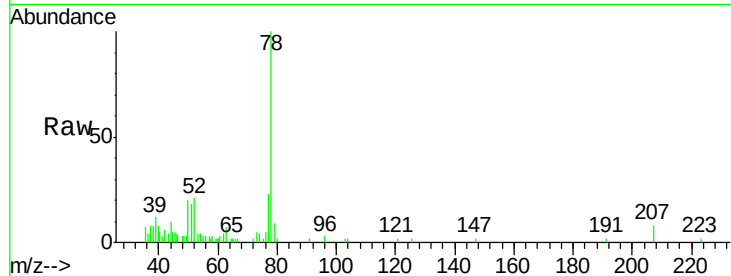
VSTDIC001

Tot Ion: 78 Resp: 9322

Ion Ratio Lower Upper

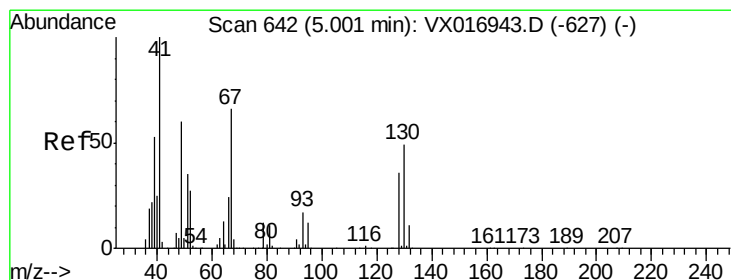
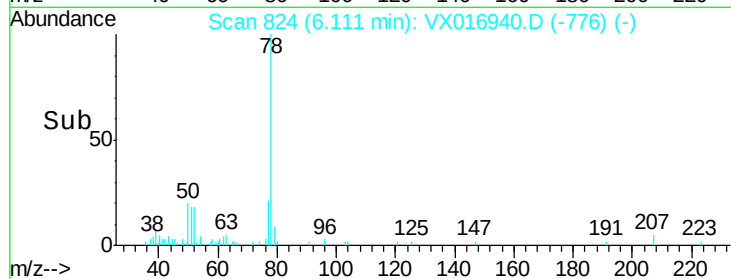
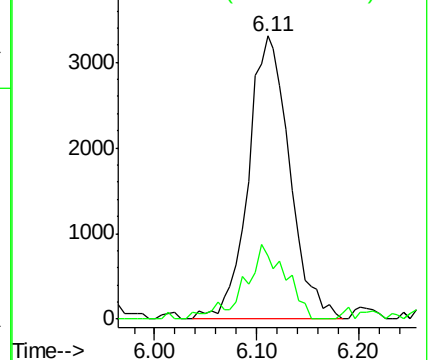
78 100

77 20.6 18.2 27.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 1.299 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

Tgt Ion: 41 Resp: 1700

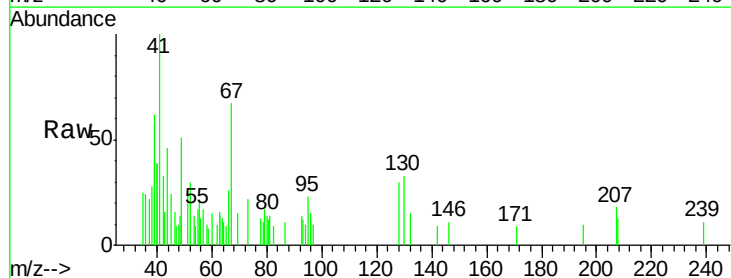
Ion Ratio Lower Upper

41 100

39 82.5 43.4 65.0#

67 87.9 55.6 83.4#

52 27.1 23.0 34.6

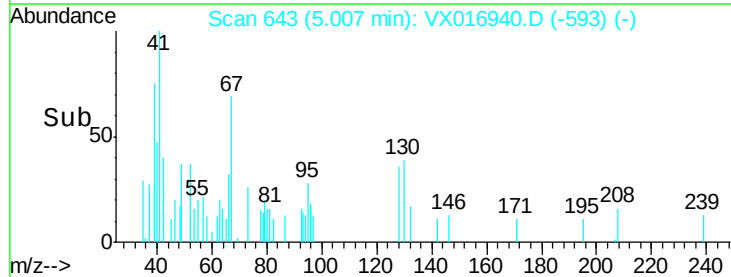
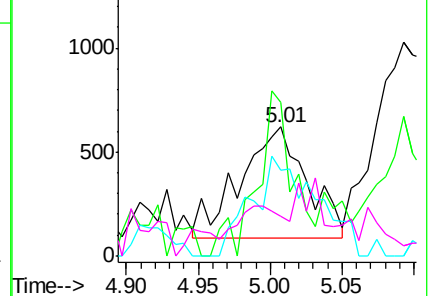


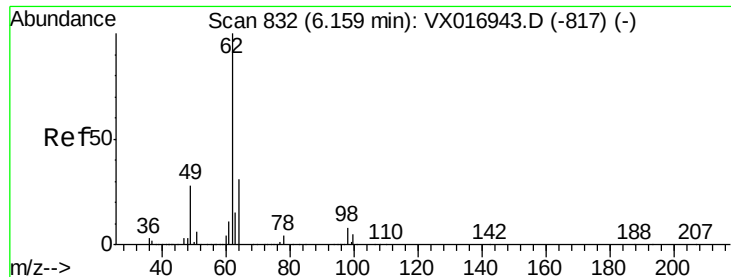
Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 1.348 ug/l

RT: 6.17 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

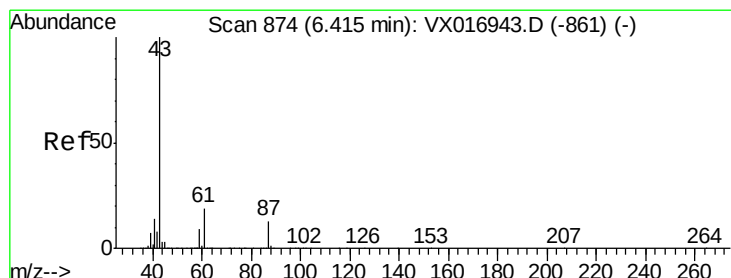
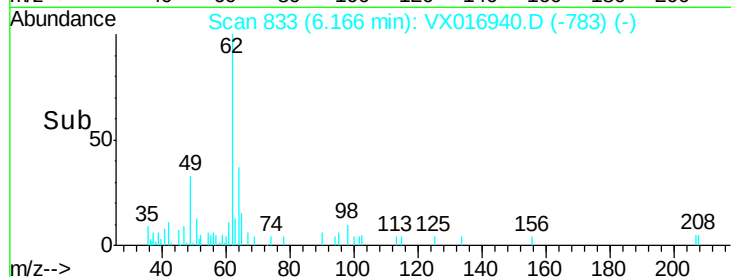
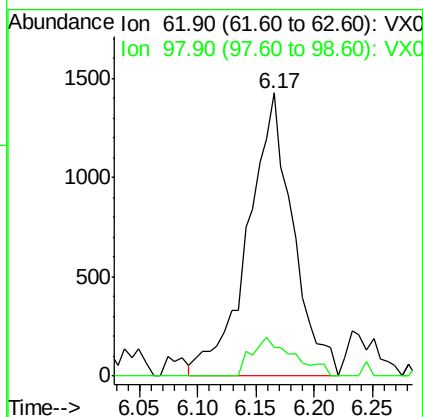
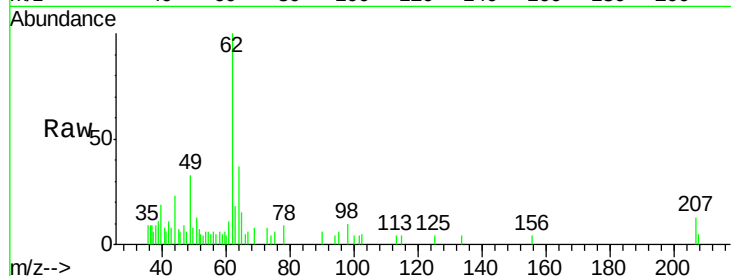
VSTDIC001

Tot Ion: 62 Resp: 3825

Ion Ratio Lower Upper

62 100

98 12.9 0.0 17.0



#43

Isopropyl Acetate

Concen: 1.506 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

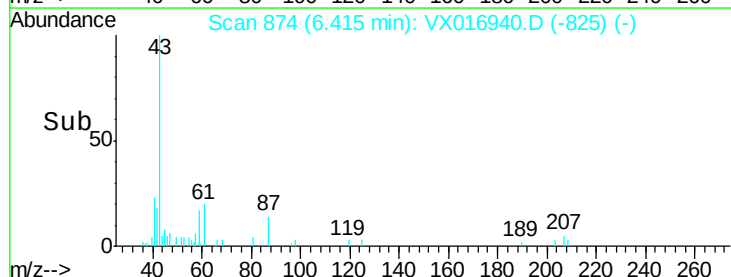
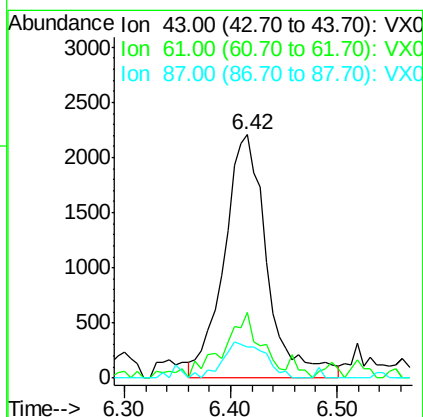
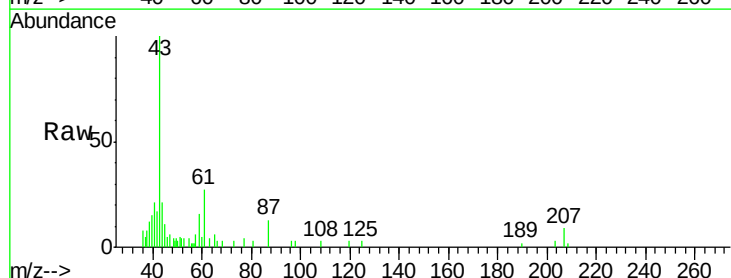
Tgt Ion: 43 Resp: 6223

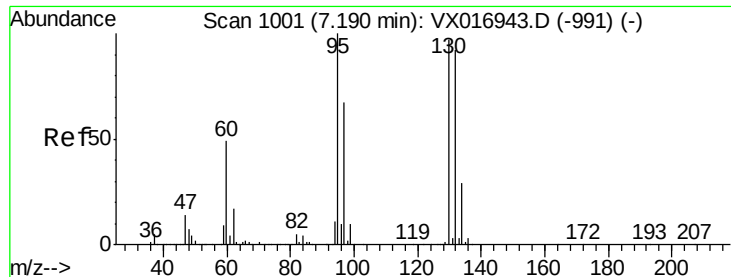
Ion Ratio Lower Upper

43 100

61 23.4 15.1 22.7#

87 14.5 10.2 15.2





#44

Trichloroethene

Concen: 0.932 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

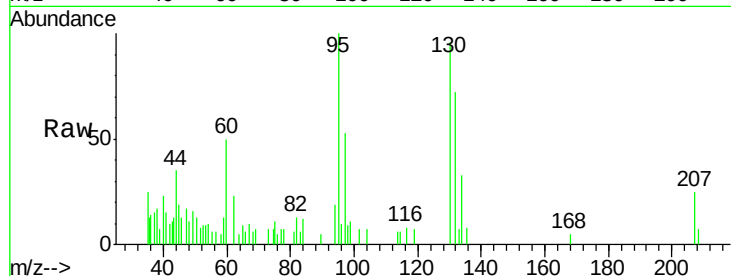
VSTDIC001

Tot Ion:130 Resp: 2118

Ion Ratio Lower Upper

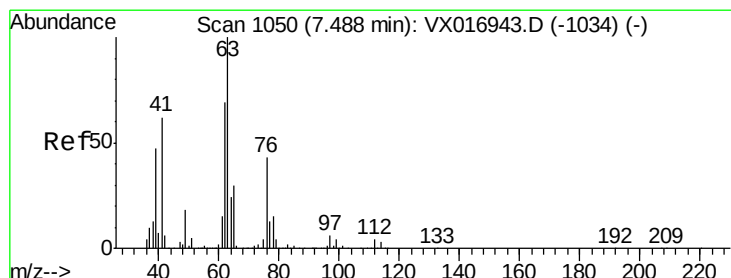
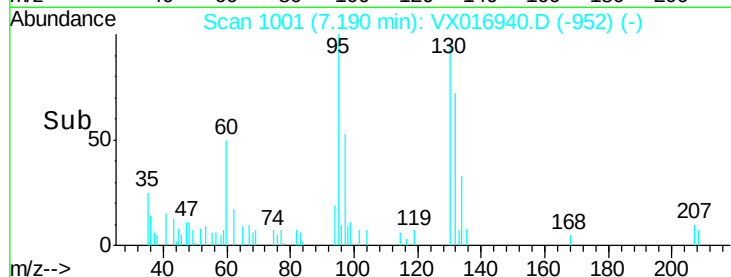
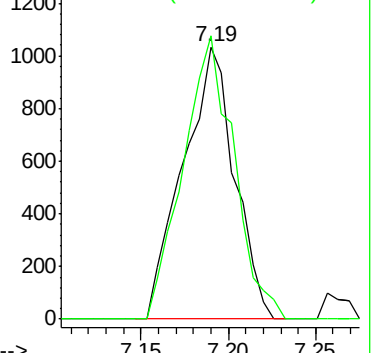
130 100

95 104.1 0.0 206.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 1.297 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016940.D

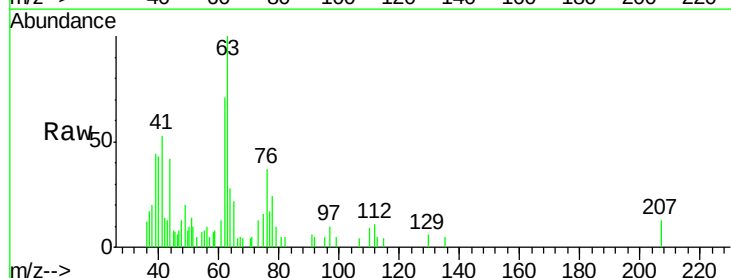
Acq: 24 Jun 2020 10:19

Tgt Ion: 63 Resp: 2574

Ion Ratio Lower Upper

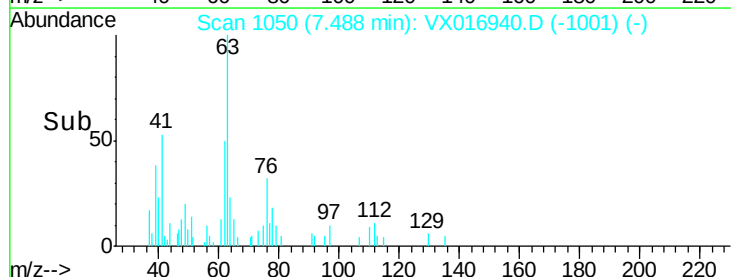
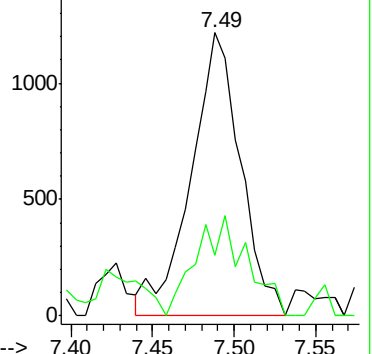
63 100

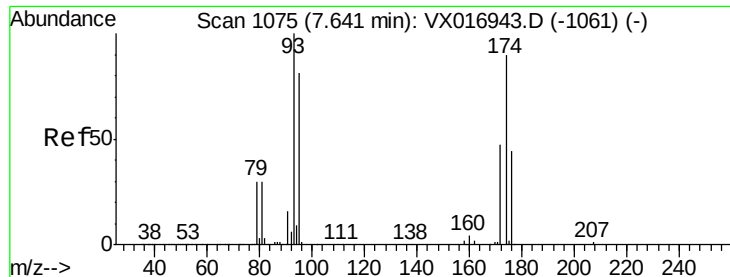
65 21.6 24.3 36.5#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

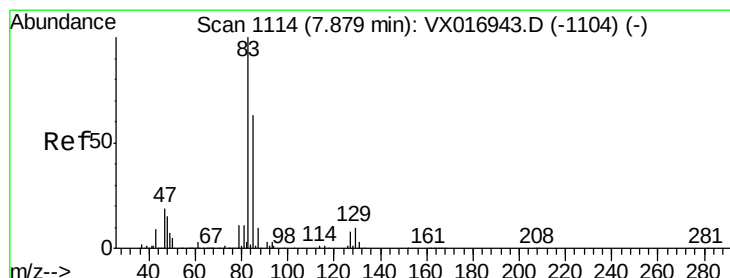
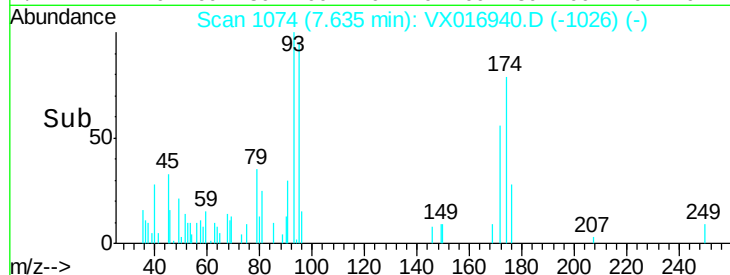
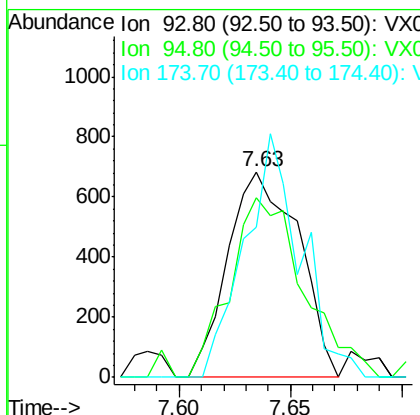
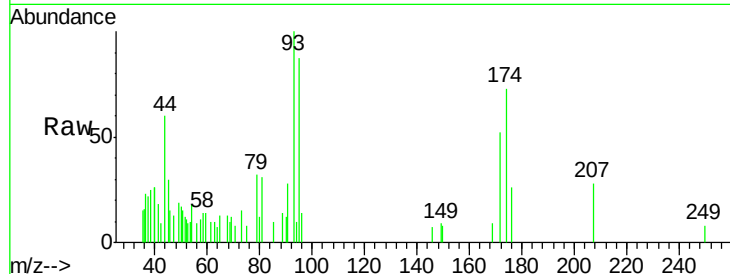




#46
Dibromomethane
Concen: 1.121 ug/l
RT: 7.63 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VX016940.D
Acq: 24 Jun 2020 10:19

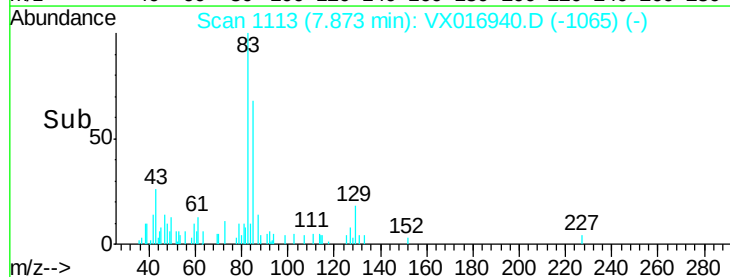
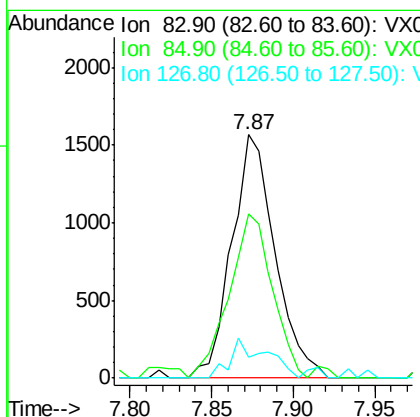
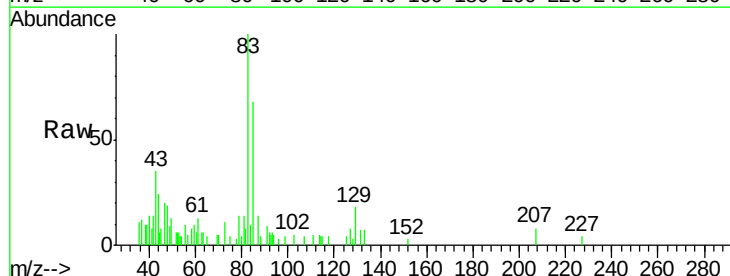
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

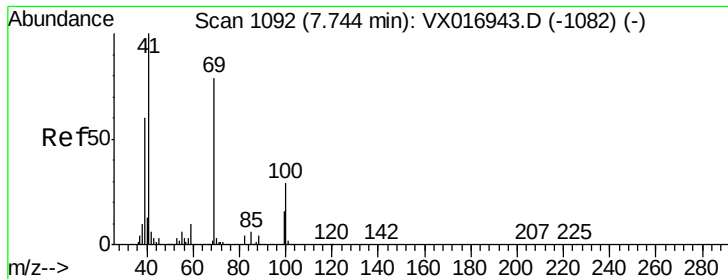
Tot Ion: 93 Resp: 1506
Ion Ratio Lower Upper
93 100
95 92.2 66.2 99.4
174 94.1 71.9 107.9



#47
Bromodichloromethane
Concen: 1.017 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VX016940.D
Acq: 24 Jun 2020 10:19

Tgt Ion: 83 Resp: 2913
Ion Ratio Lower Upper
83 100
85 67.7 50.4 75.6
127 8.4 6.3 9.5

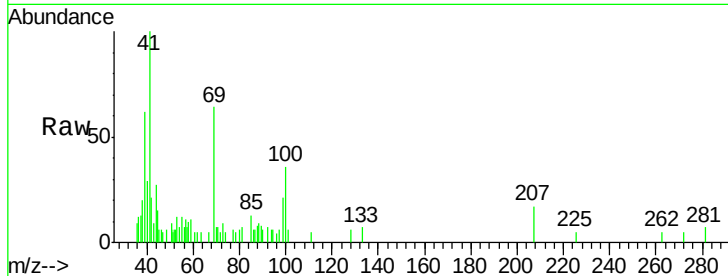




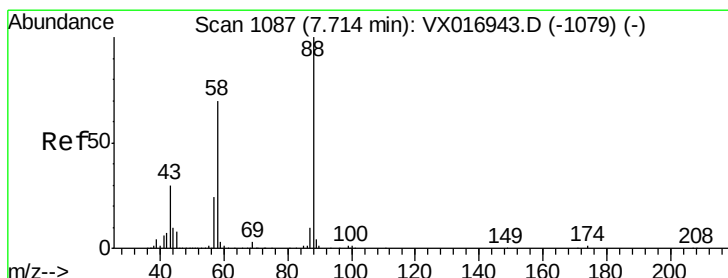
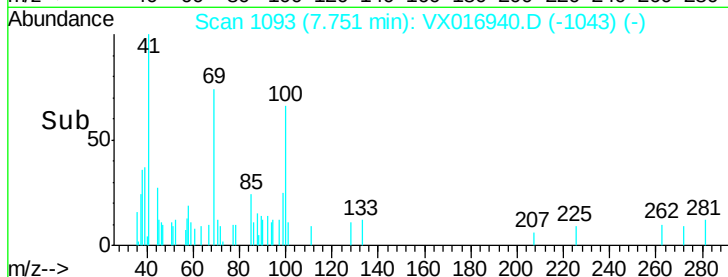
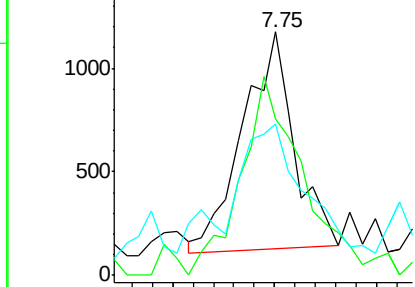
#48
Methvl methacrylate
Concen: 0.923 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VX016940.D
Acq: 24 Jun 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 41 Resp: 1823
Ion Ratio Lower Upper
41 100
69 113.5 62.3 93.5#
39 77.0 48.4 72.6#

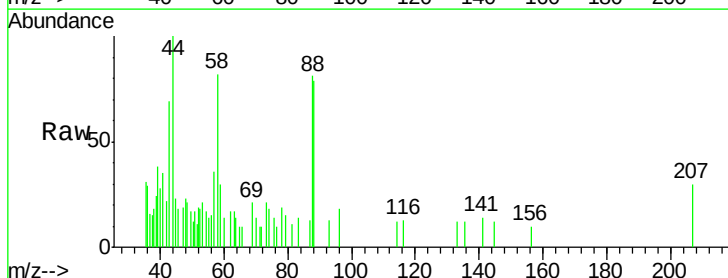


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

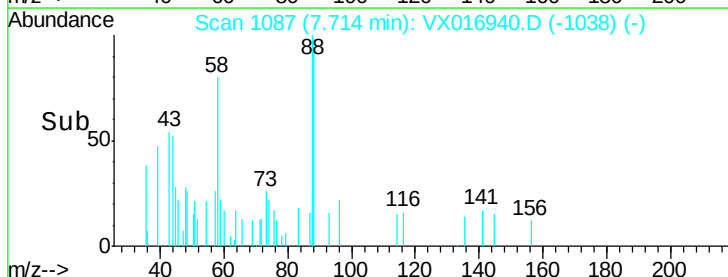
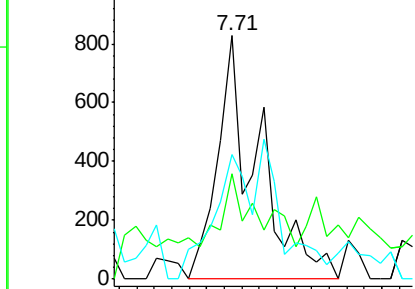


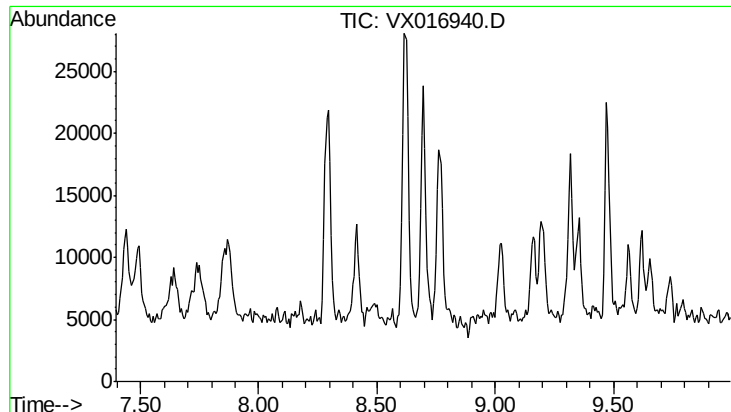
#49
1,4-Dioxane
Concen: 30.493 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016940.D
Acq: 24 Jun 2020 10:19

Tgt Ion: 88 Resp: 1315
Ion Ratio Lower Upper
88 100
43 27.1 28.8 43.2#
58 46.1 58.4 87.6#



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

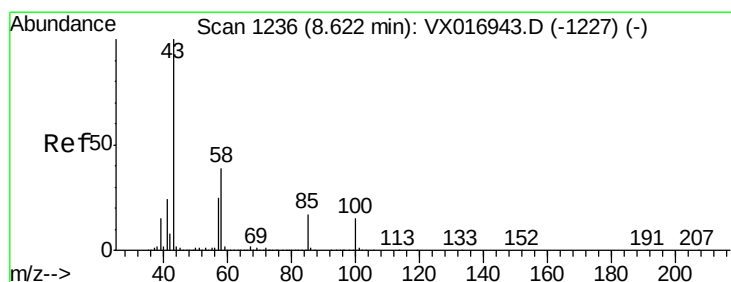
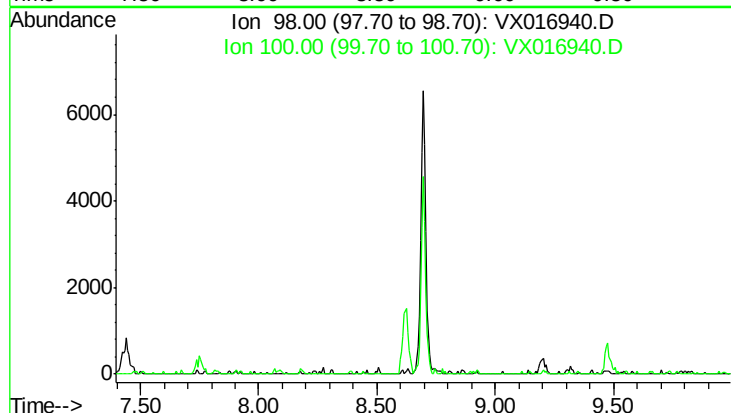




#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.70 min
Lab File: VX016940.D
Acq: 24 Jun 2020 10:19

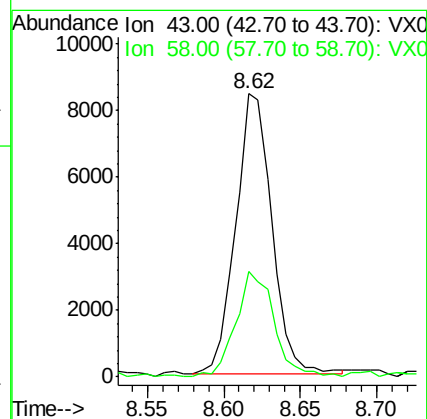
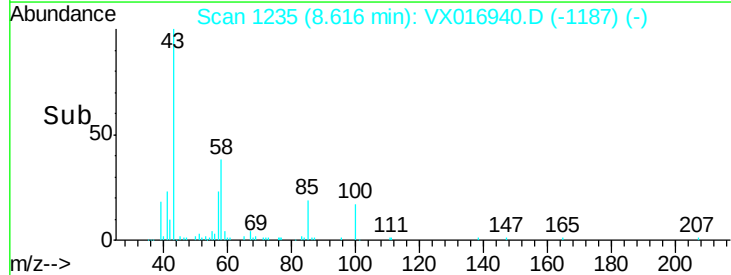
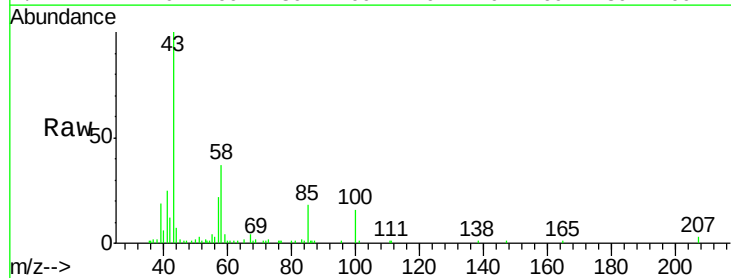
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

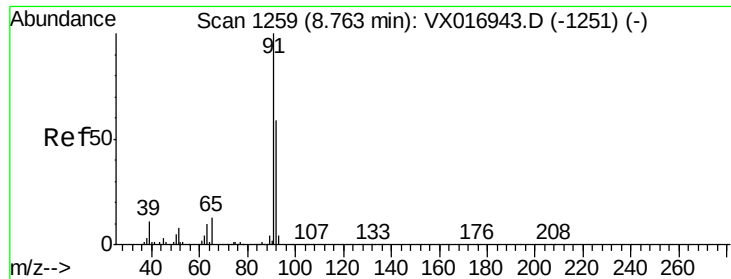
Tot Ion: 98
Sig Exp Ratio
98 100
100 66.4



#51
4-Methyl-2-Pentanone
Concen: 5.544 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX016940.D
Acq: 24 Jun 2020 10:19

Tgt Ion: 43 Resp: 13878
Ion Ratio Lower Upper
43 100
58 39.6 30.7 46.1





#52

Toluene

Concen: 0.998 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

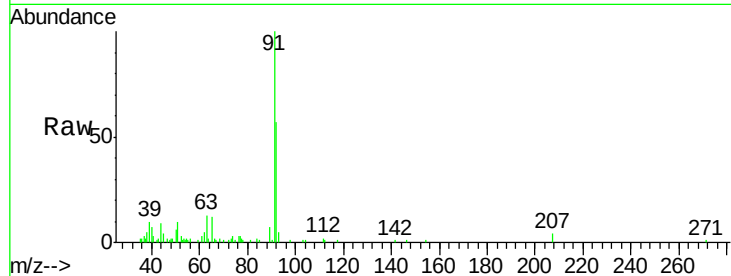
VSTDIC001

Tot Ion: 92 Resp: 5156

Ion Ratio Lower Upper

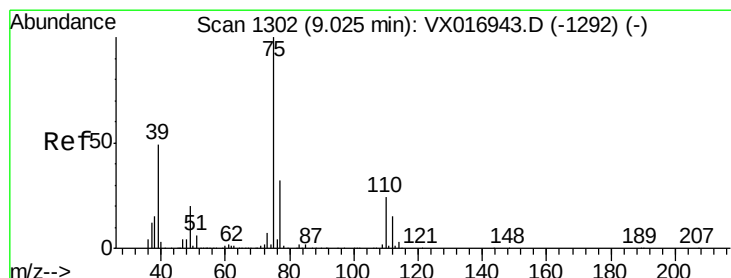
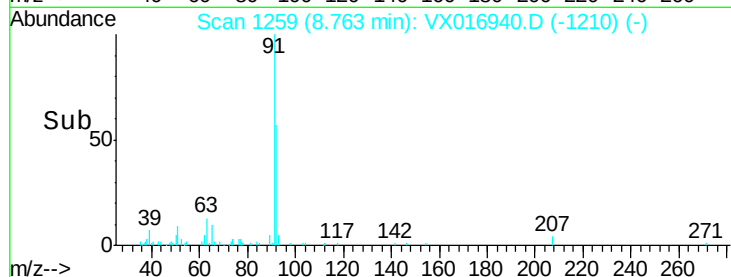
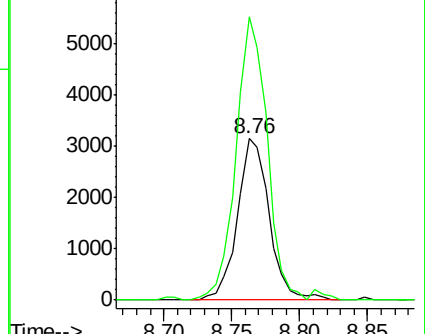
92 100

91 170.1 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 1.089 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016940.D

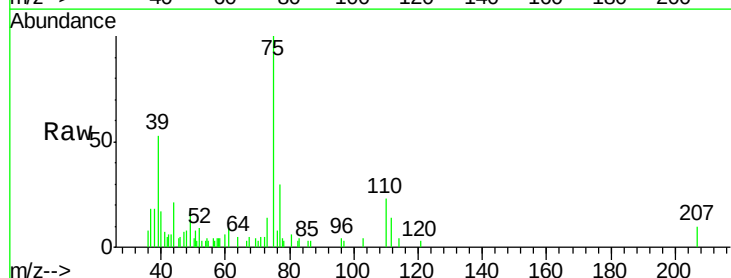
Acq: 24 Jun 2020 10:19

Tgt Ion: 75 Resp: 3425

Ion Ratio Lower Upper

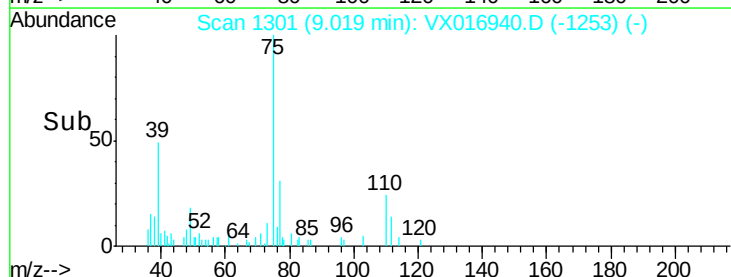
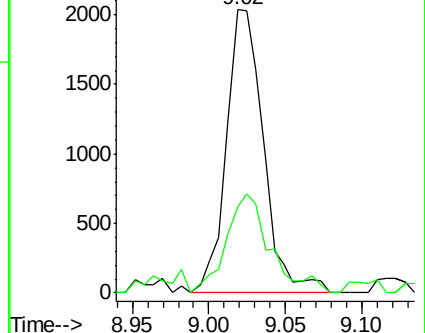
75 100

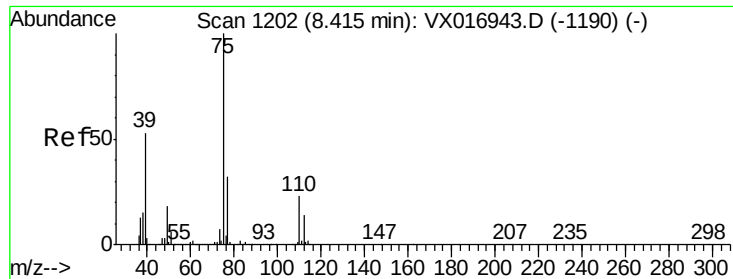
77 30.3 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





#54

cis-1,3-Dichloropropene

Concen: 1.042 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

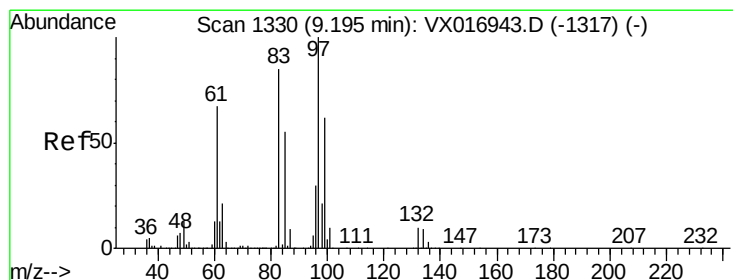
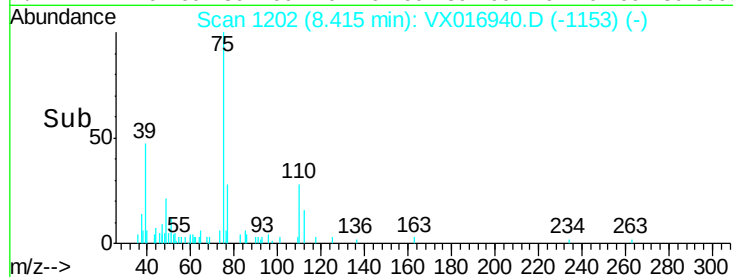
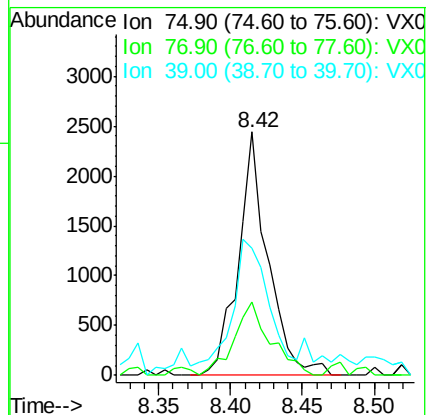
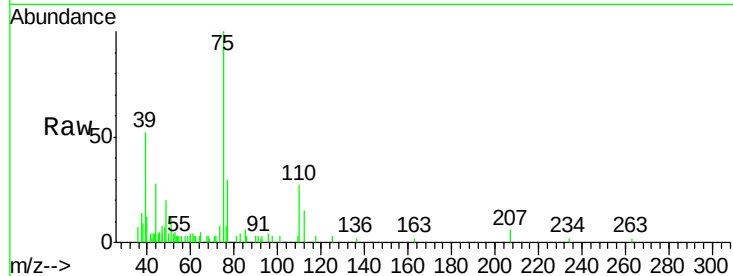
Tot Ion: 75 Resp: 3496

Ion Ratio Lower Upper

75 100

77 27.7 25.6 38.4

39 48.7 42.6 64.0



#55

1,1,2-Trichloroethane

Concen: 1.036 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

Tgt Ion: 97 Resp: 2002

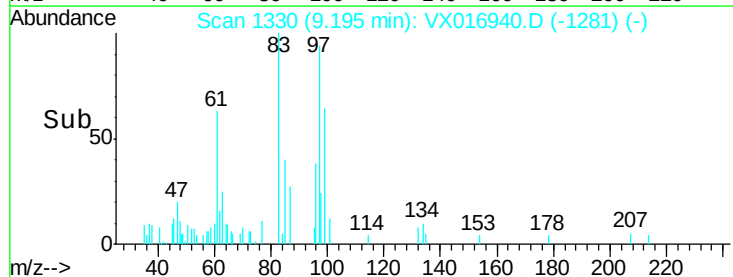
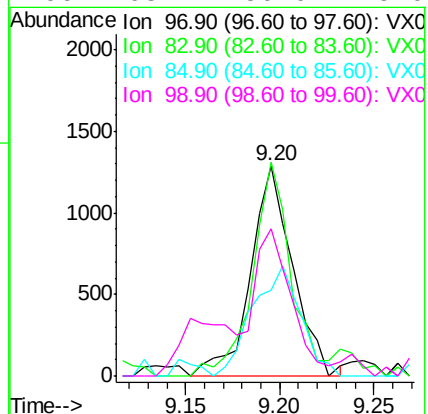
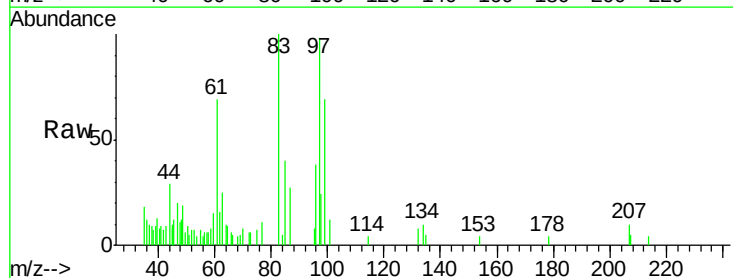
Ion Ratio Lower Upper

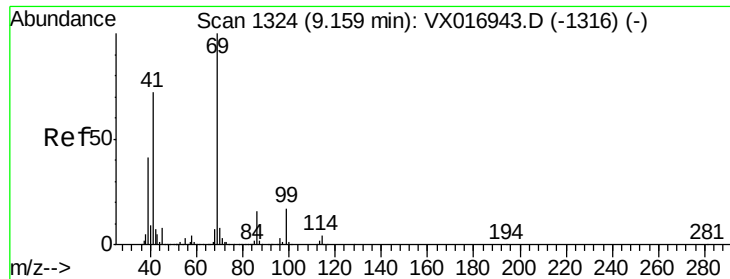
97 100

83 101.6 68.2 102.4

85 40.9 44.3 66.5#

99 63.4 50.0 75.0





#56

Ethyl methacrylate

Concen: 0.950 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

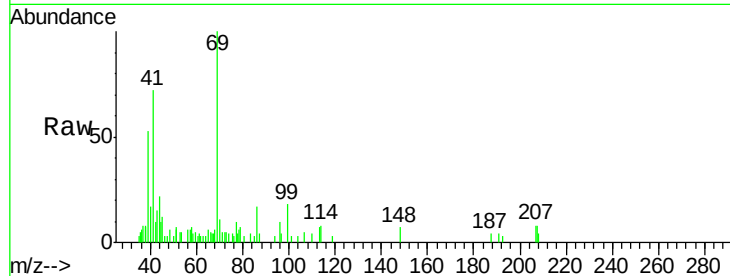
Tot Ion: 69 Resp: 2663

Ion Ratio Lower Upper

69 100

41 74.8 57.0 85.4

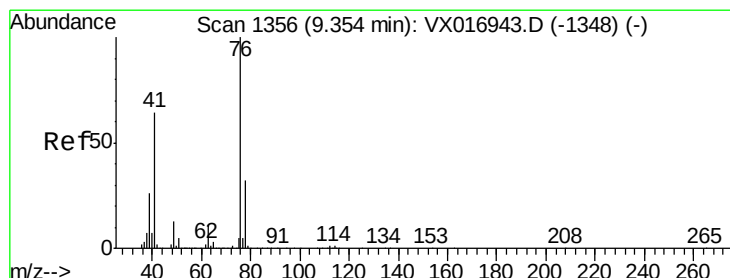
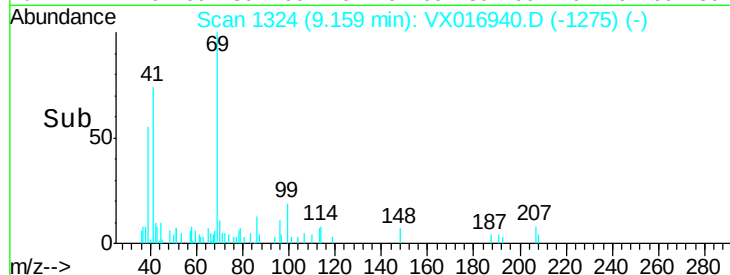
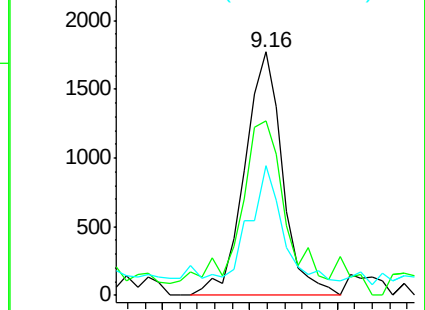
39 41.2 33.1 49.7



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: 1.073 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016940.D

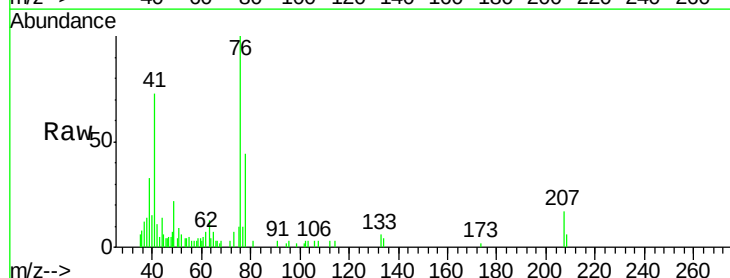
Acq: 24 Jun 2020 10:19

Tgt Ion: 76 Resp: 3545

Ion Ratio Lower Upper

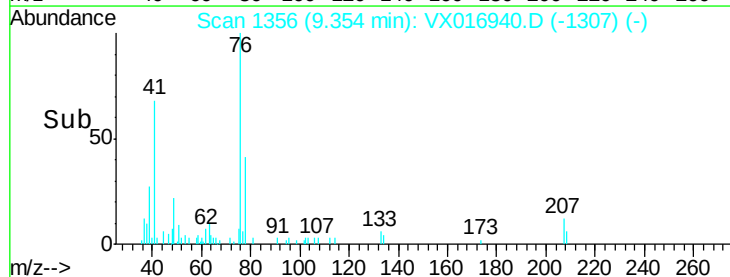
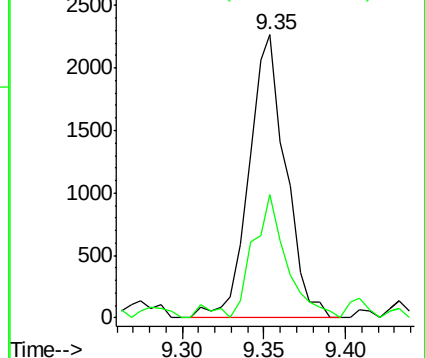
76 100

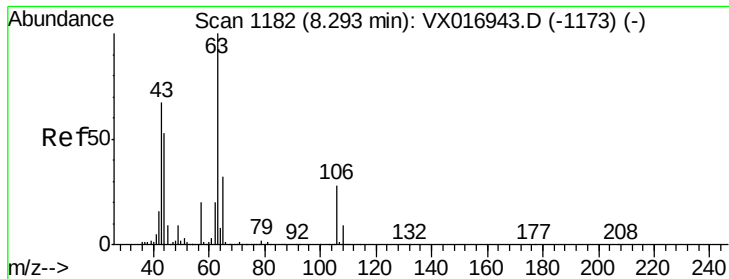
78 39.4 25.4 38.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

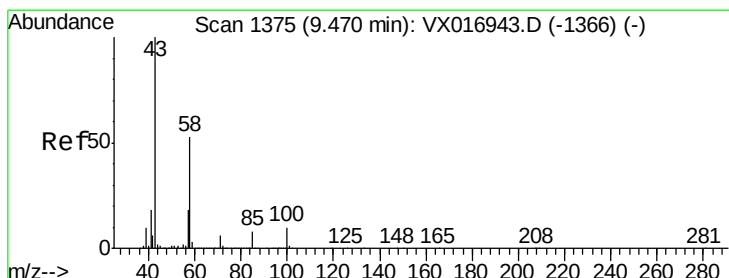
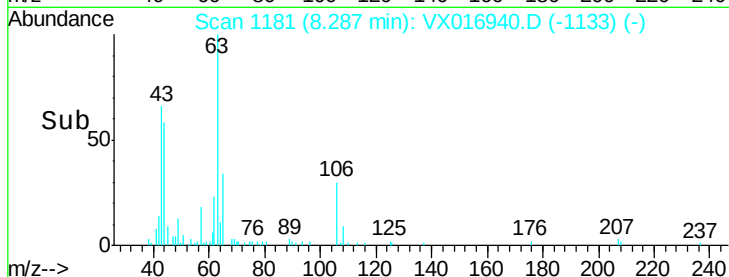
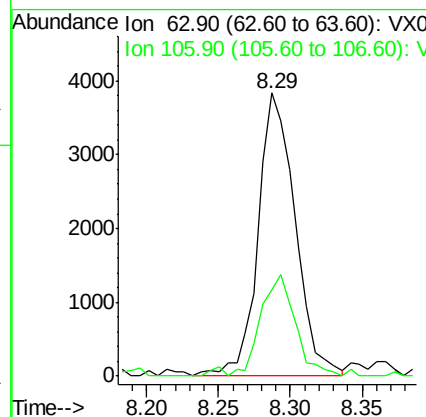
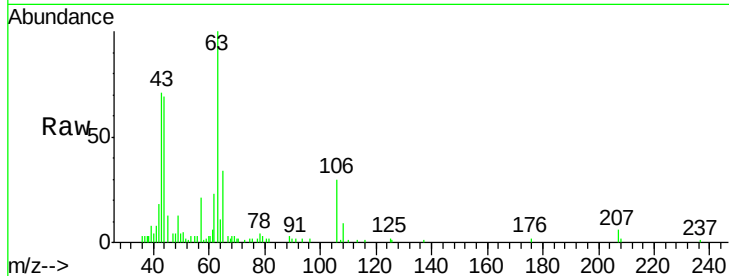




#58
 2-Chloroethyl Vinyl ether
 Concen: 5.026 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX016940.D
 Acq: 24 Jun 2020 10:19

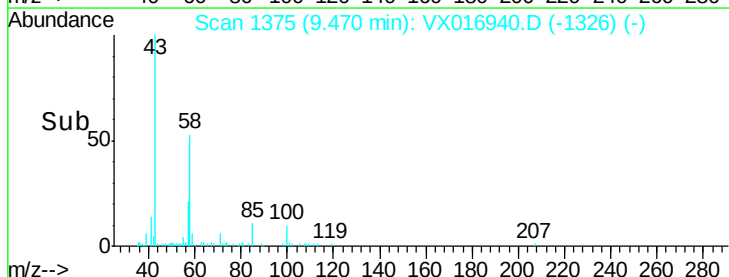
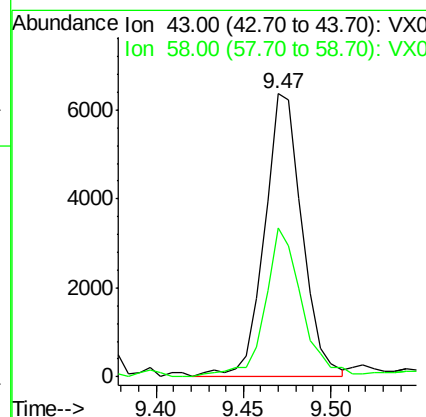
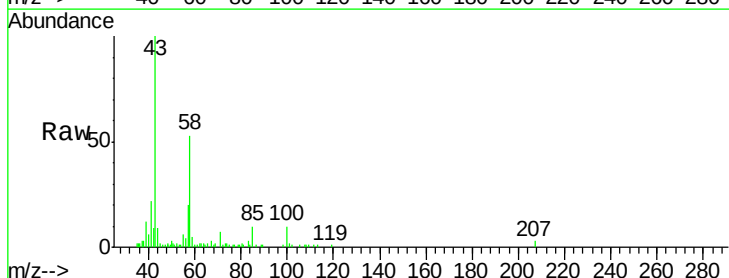
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

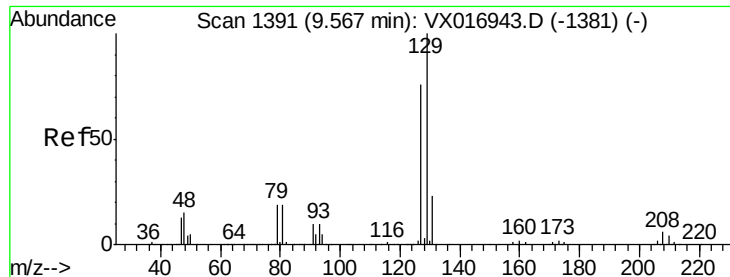
Tot Ion: 63 Resp: 6830
 Ion Ratio Lower Upper
 63 100
 106 33.3 22.0 33.0#



#59
 2-Hexanone
 Concen: 5.291 ug/l
 RT: 9.47 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: VX016940.D
 Acq: 24 Jun 2020 10:19

Tgt Ion: 43 Resp: 9629
 Ion Ratio Lower Upper
 43 100
 58 51.5 26.8 80.4





#60

Dibromochloromethane

Concen: 0.864 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

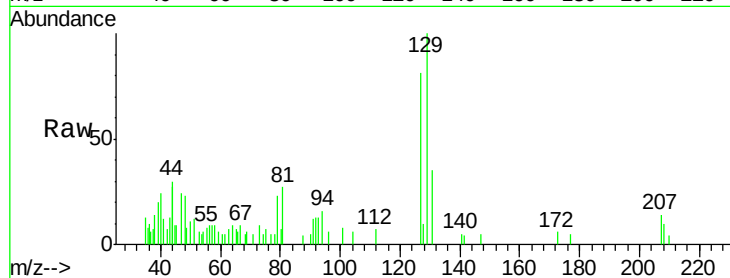
VSTDIC001

Tot Ion:129 Resp: 1990

Ion Ratio Lower Upper

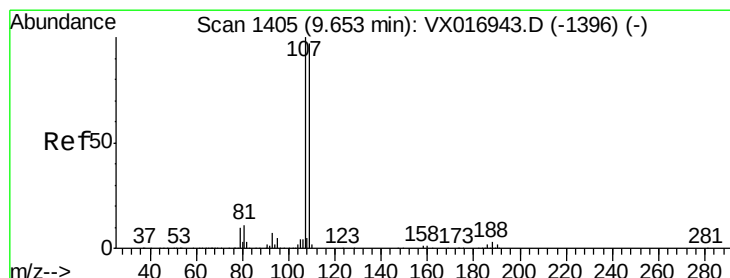
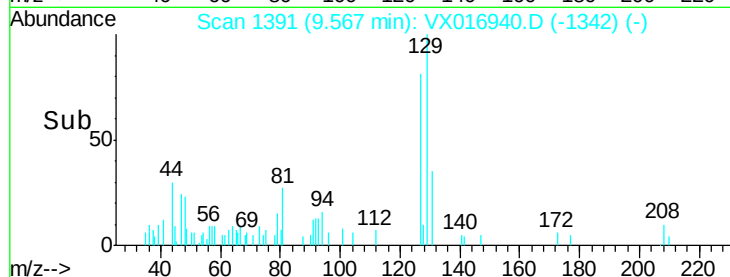
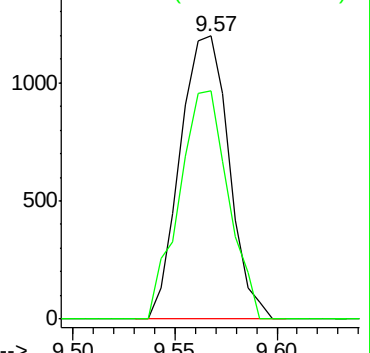
129 100

127 81.1 39.1 117.5



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 0.979 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016940.D

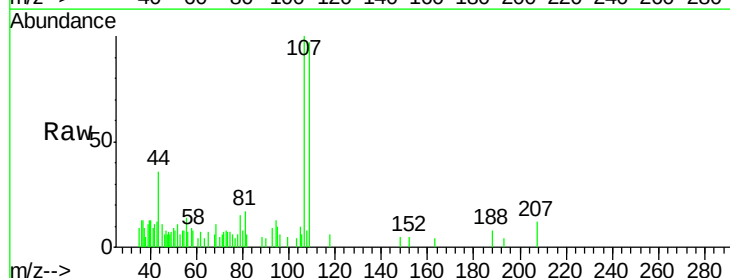
Acq: 24 Jun 2020 10:19

Tgt Ion:107 Resp: 2069

Ion Ratio Lower Upper

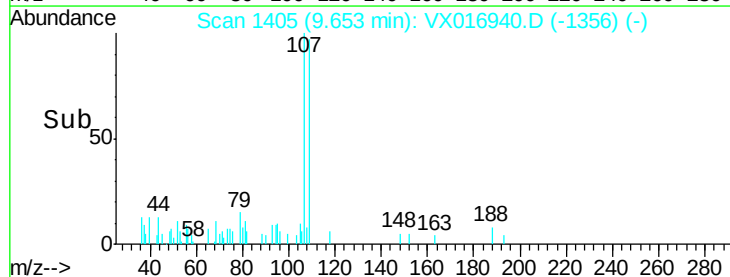
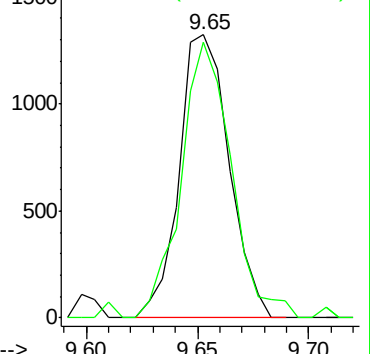
107 100

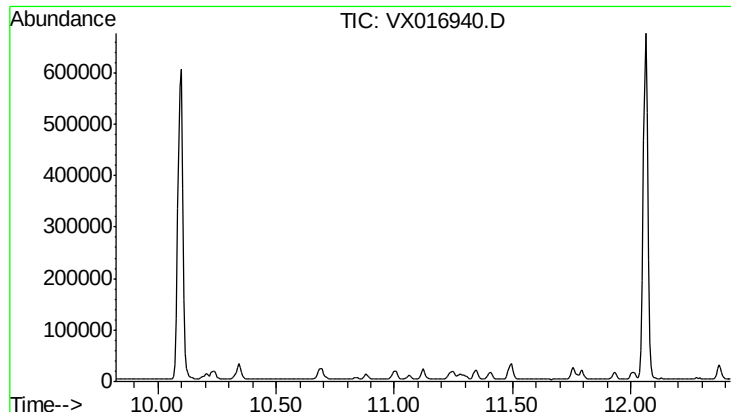
109 98.0 74.2 111.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 11.12 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

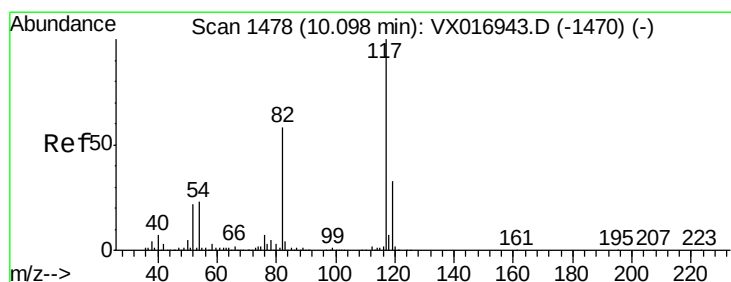
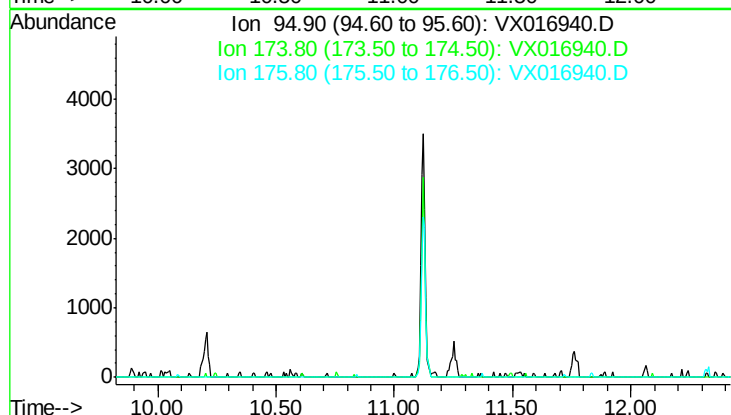
Tot Ion: 95

Sig Exp Ratio

95 100

174 71.0

176 70.7



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

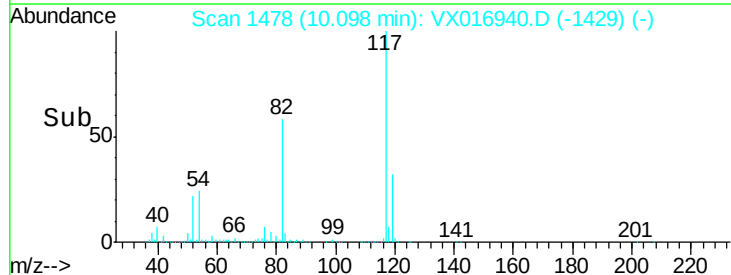
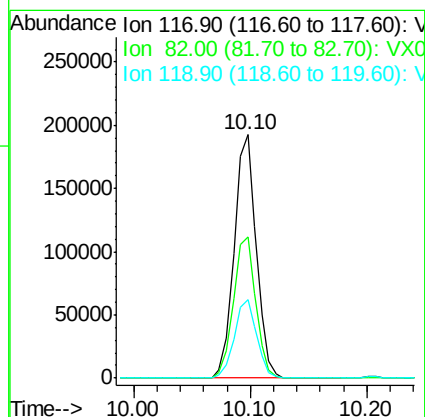
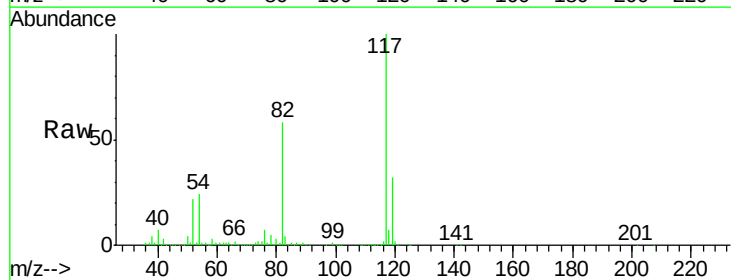
Tgt Ion:117 Resp: 254937

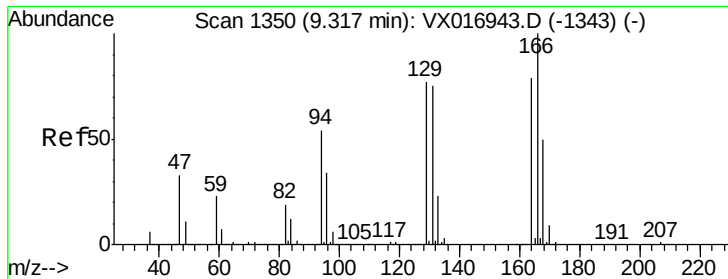
Ion Ratio Lower Upper

117 100

82 57.8 46.7 70.1

119 32.4 26.4 39.6





#64

Tetrachloroethene

Concen: 0.858 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:164 Resp: 1967

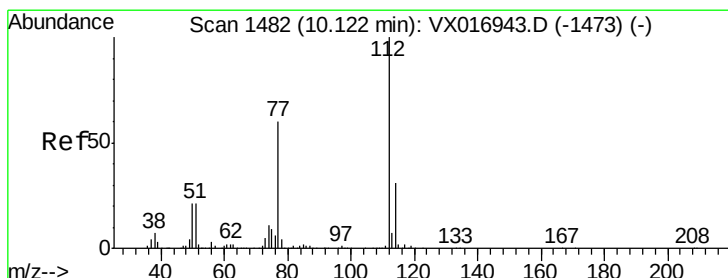
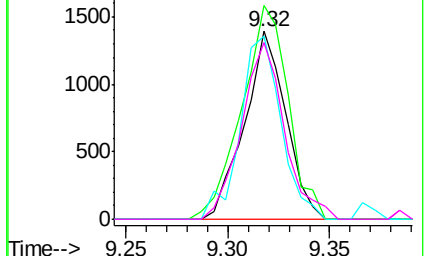
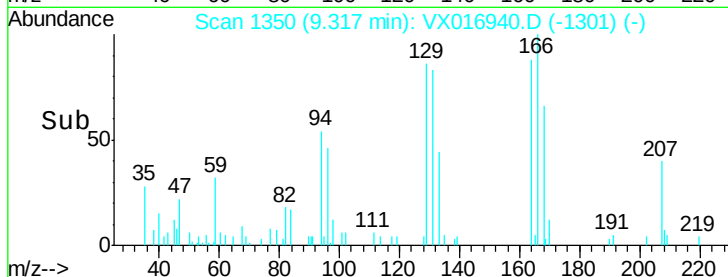
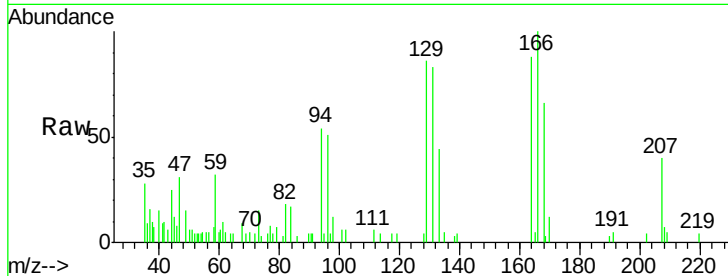
Ion Ratio Lower Upper

164 100

166 113.9 101.0 151.6

129 97.4 78.2 117.2

131 94.0 75.4 113.0



#65

Chlorobenzene

Concen: 1.090 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016940.D

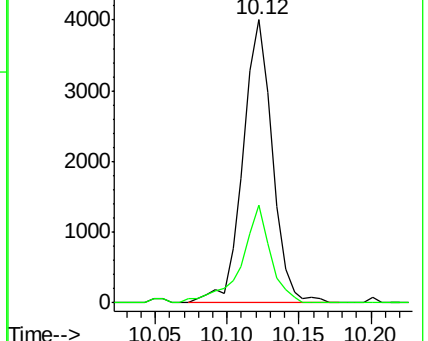
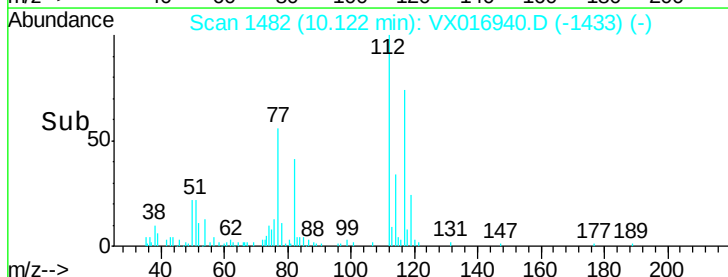
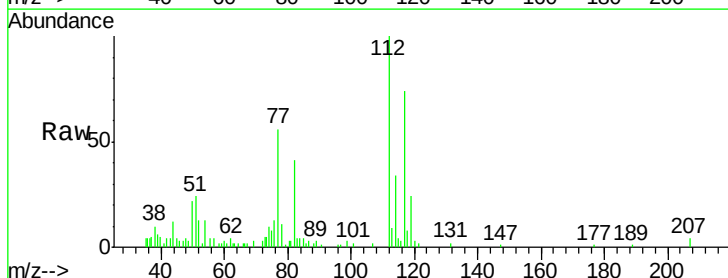
Acq: 24 Jun 2020 10:19

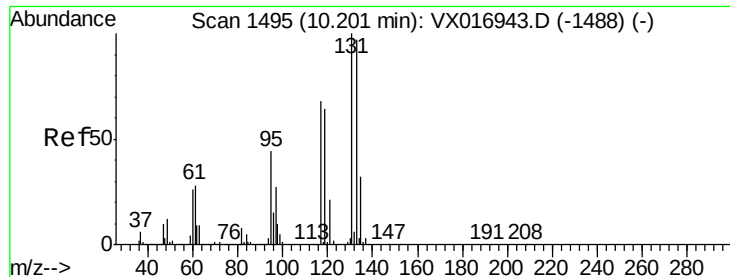
Tgt Ion:112 Resp: 5676

Ion Ratio Lower Upper

112 100

114 34.4 24.9 37.3

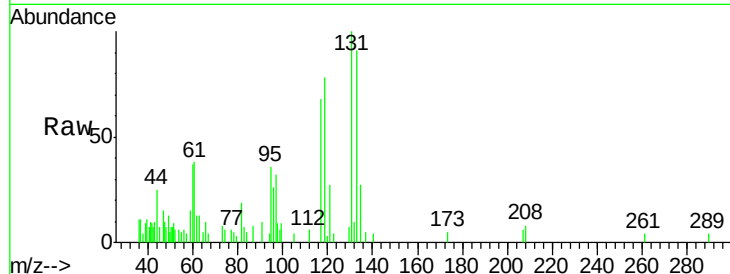




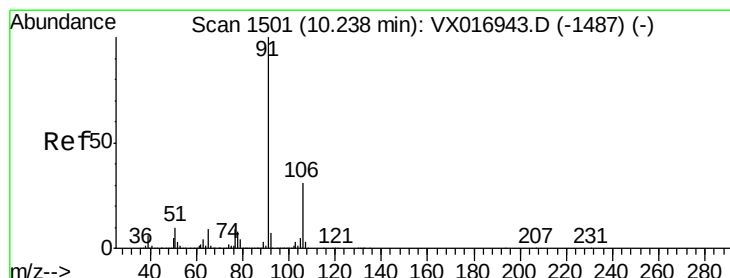
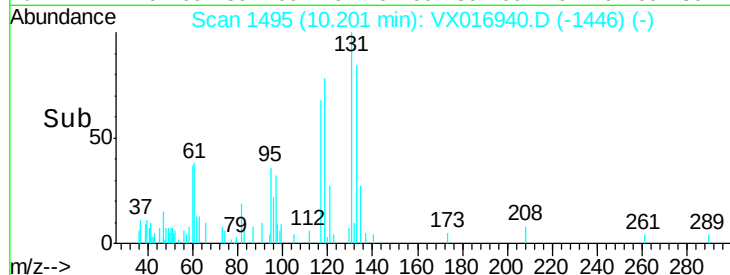
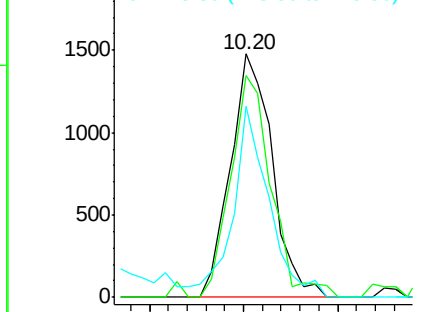
#66
 1,1,1,2-Tetrachloroethane
 Concen: 1.120 ug/l
 RT: 10.20 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: VX016940.D
 Acq: 24 Jun 2020 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:131 Resp: 2266
 Ion Ratio Lower Upper
 131 100
 133 88.8 47.4 142.2
 119 0.0 31.8 95.3#

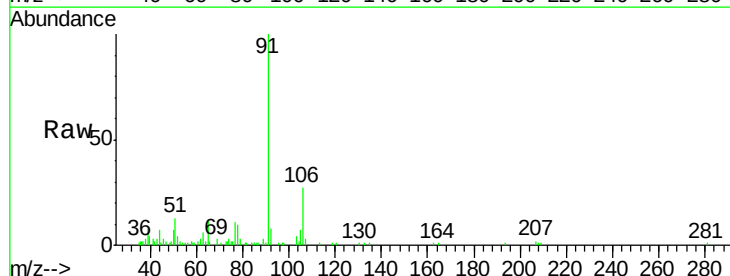


Abundance Ion 130.80 (130.50 to 131.50): V
 Ion 132.80 (132.50 to 133.50): V
 Ion 118.80 (118.50 to 119.50): V

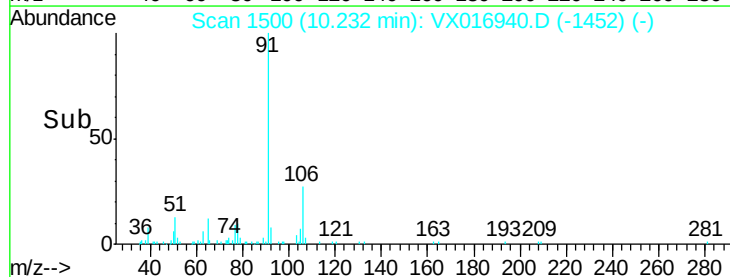
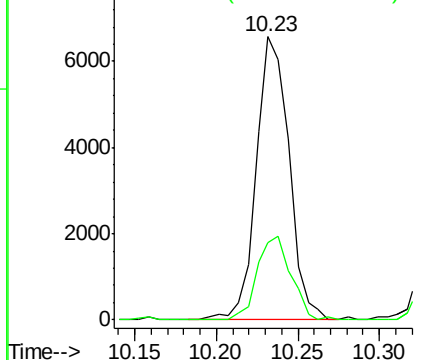


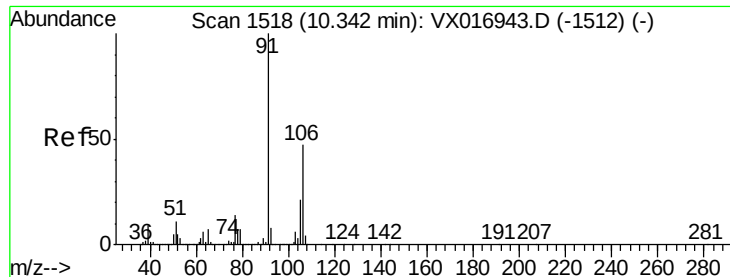
#67
 Ethyl Benzene
 Concen: 1.026 ug/l
 RT: 10.23 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: VX016940.D
 Acq: 24 Jun 2020 10:19

Tgt Ion: 91 Resp: 9163
 Ion Ratio Lower Upper
 91 100
 106 27.4 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 106.00 (105.70 to 106.70): V

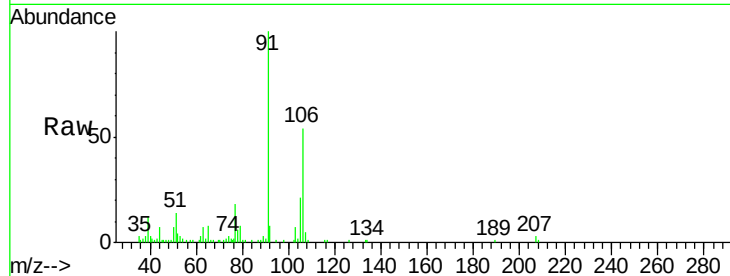




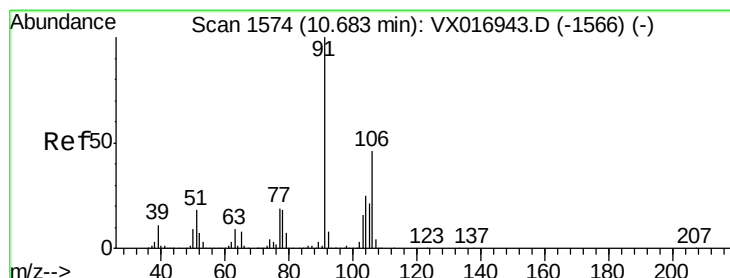
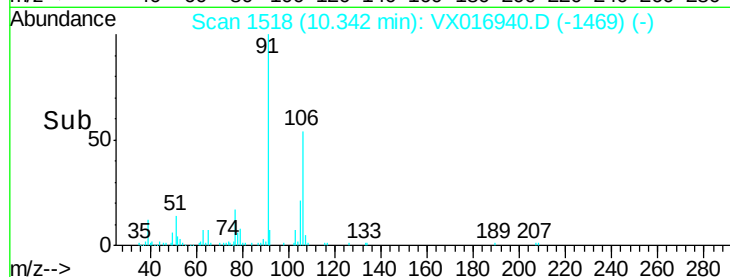
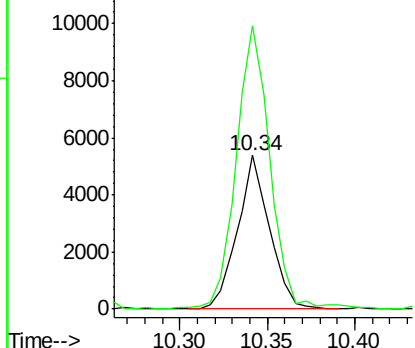
#68
m/p-Xylenes
Concen: 1.990 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016940.D
Acq: 24 Jun 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 6869
Ion Ratio Lower Upper
106 100
91 194.3 167.2 250.8

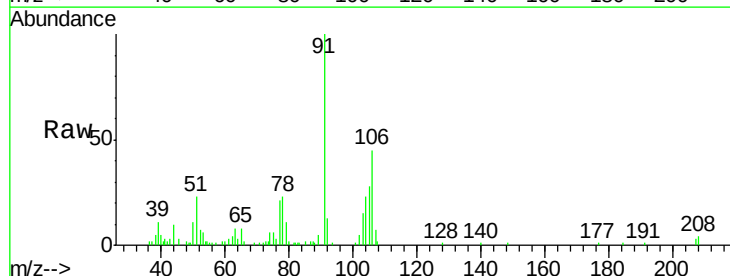


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

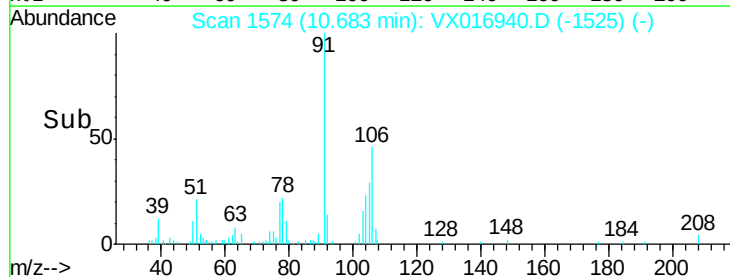
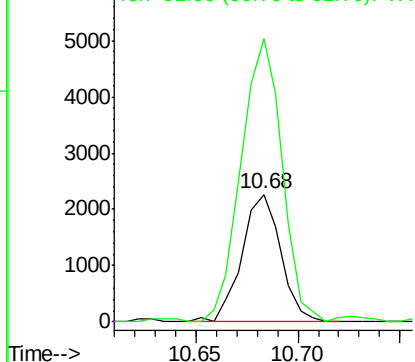


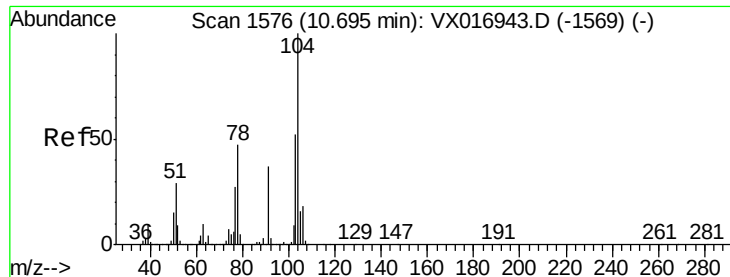
#69
o-Xylene
Concen: 0.938 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016940.D
Acq: 24 Jun 2020 10:19

Tgt Ion:106 Resp: 3006
Ion Ratio Lower Upper
106 100
91 233.0 109.6 328.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

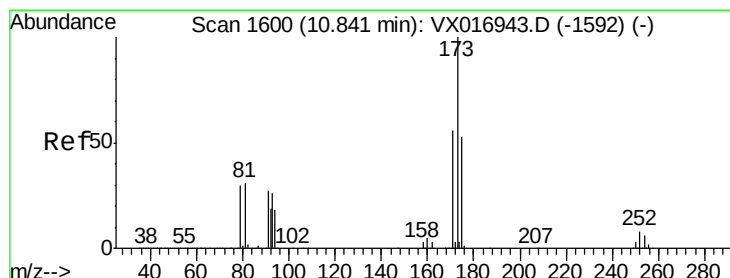
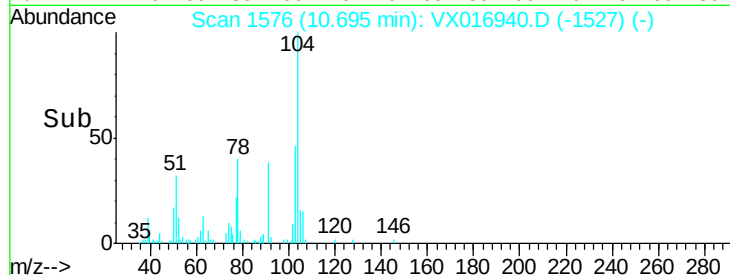
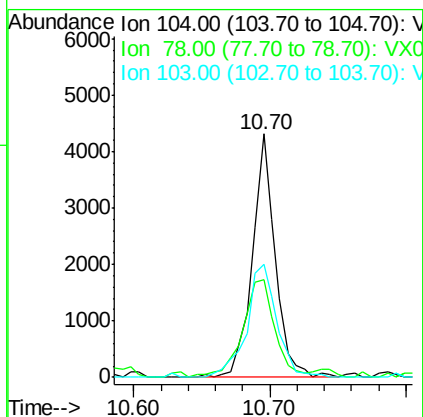
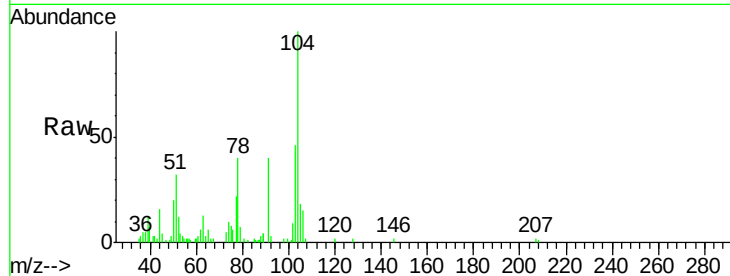




#70
Stvrene
Concen: 0.934 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016940.D
Acq: 24 Jun 2020 10:19

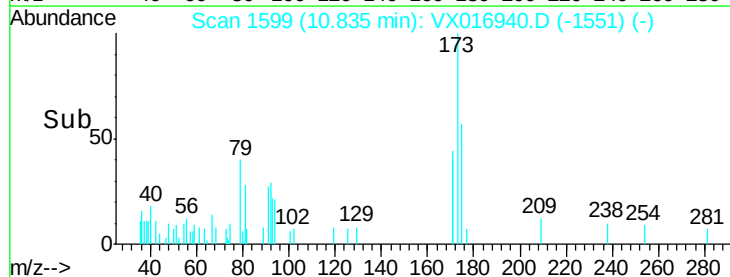
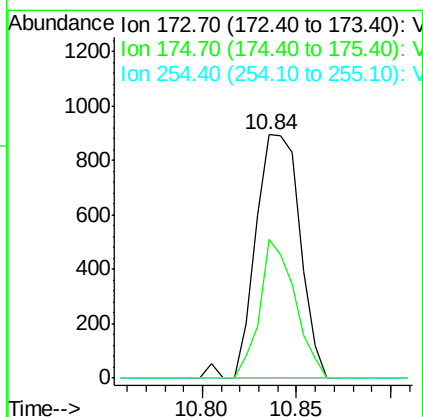
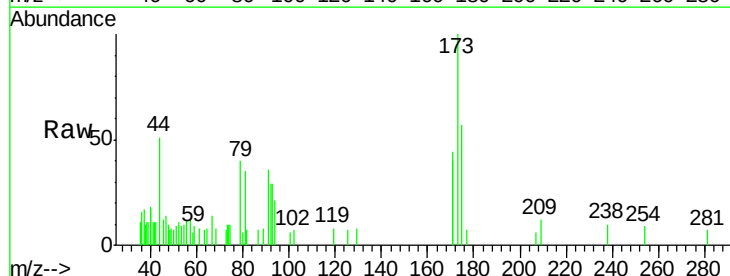
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

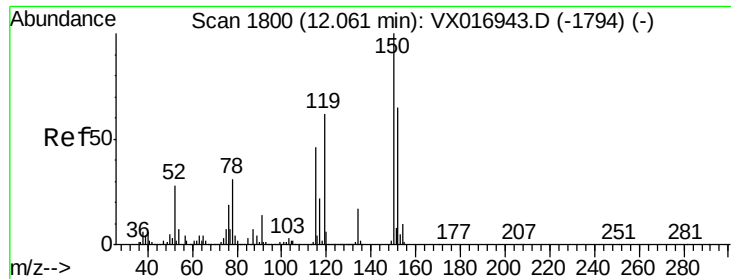
Tot Ion	Ratio	Lower	Upper
104	100		
78	56.5	42.3	63.5
103	61.3	43.8	65.6



#71
Bromoform
Concen: 0.864 ug/l
RT: 10.84 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VX016940.D
Acq: 24 Jun 2020 10:19

Tgt Ion	Ratio	Lower	Upper
173	100		
175	45.3	24.9	74.6
254	0.0	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

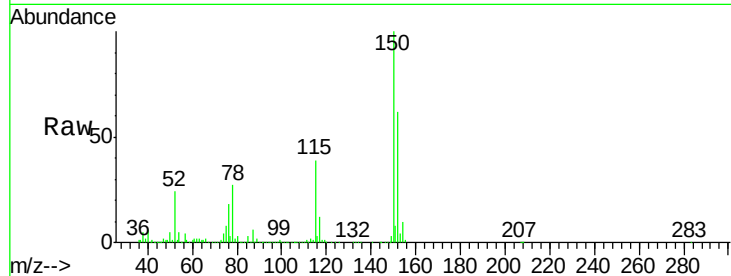
Tot Ion:152 Resp: 123122

Ion Ratio Lower Upper

152 100

115 61.7 43.4 130.2

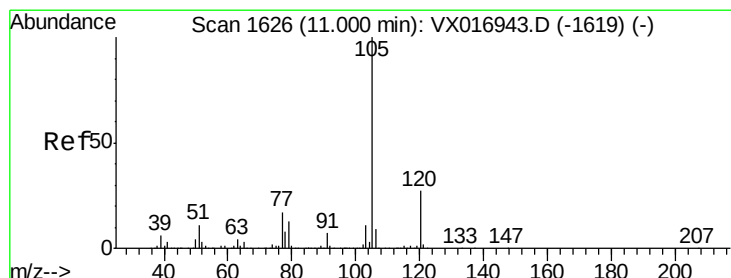
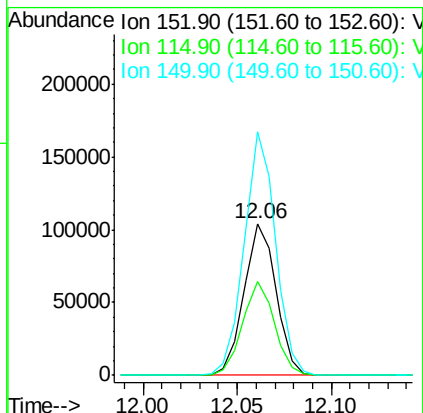
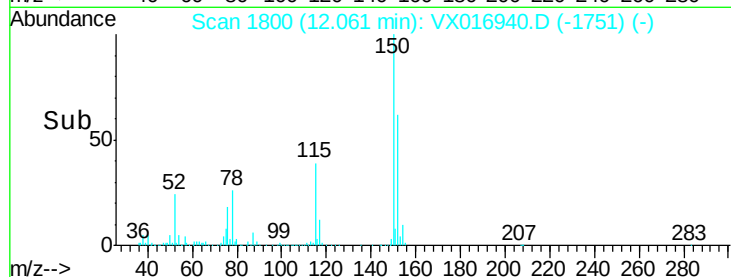
150 157.2 0.0 343.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.971 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016940.D

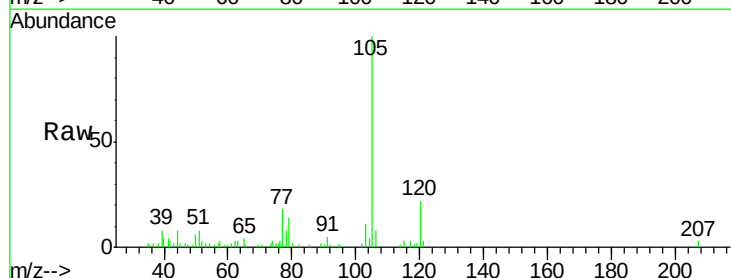
Acq: 24 Jun 2020 10:19

Tgt Ion:105 Resp: 7824

Ion Ratio Lower Upper

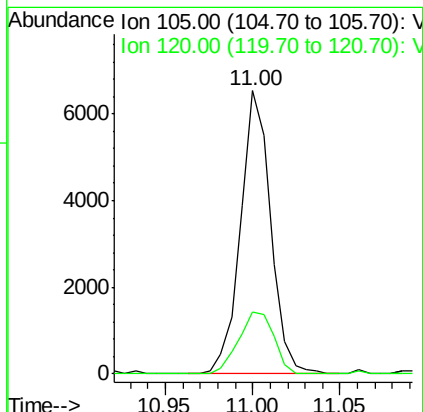
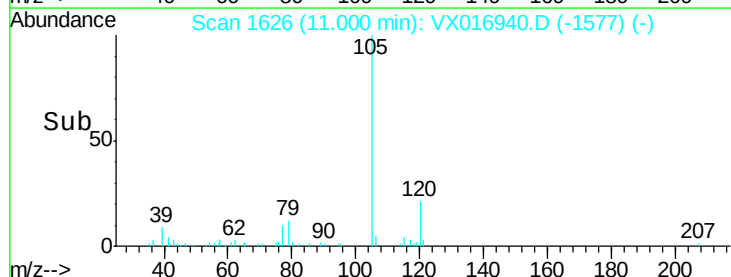
105 100

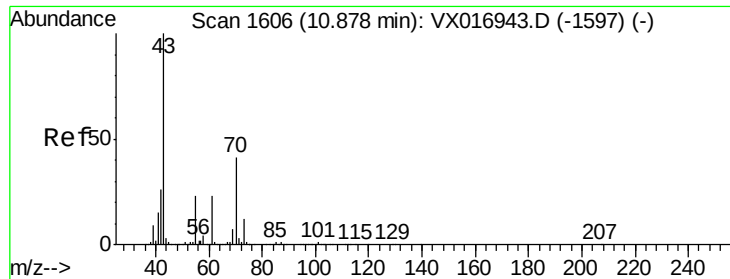
120 25.4 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.460 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

Instrument :

MSVOA_X

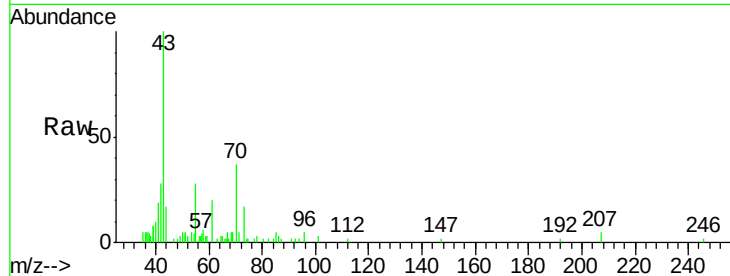
ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 4410

Ion Ratio Lower Upper

43	100		
70	37.0	33.0	49.4
55	29.1	19.0	28.4#
61	23.9	18.6	28.0

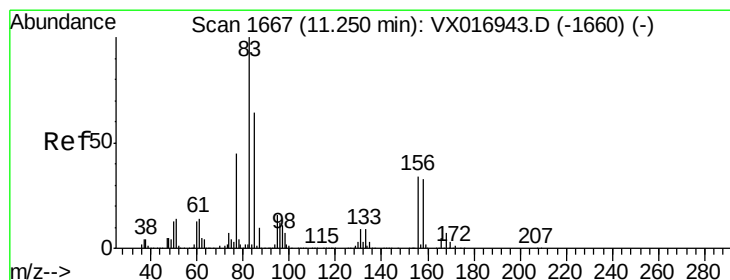
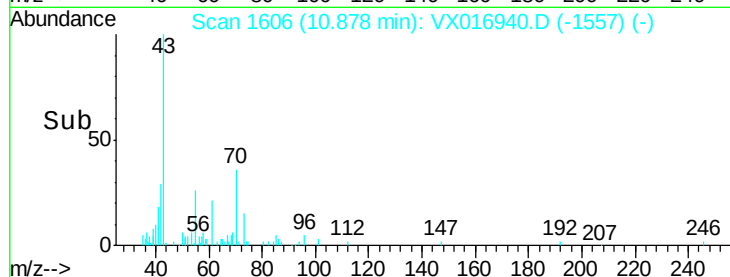
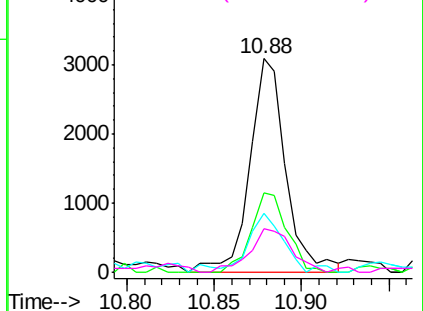


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 1.148 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

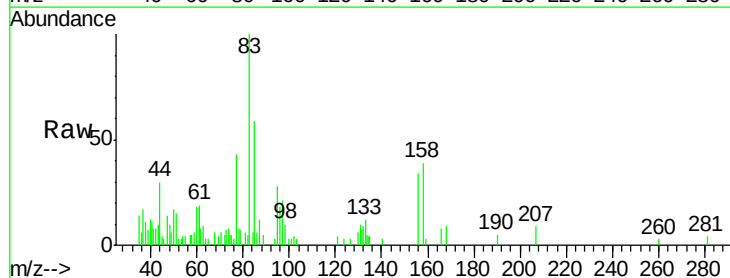
Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

Tgt Ion: 83 Resp: 2698

Ion Ratio Lower Upper

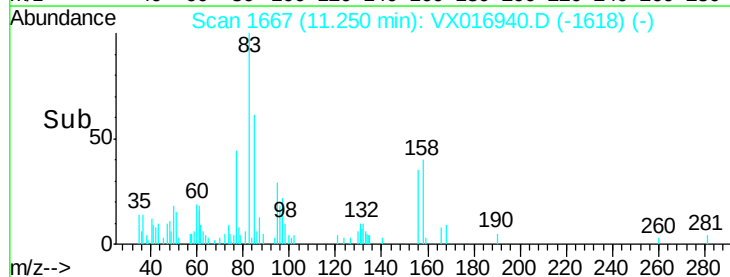
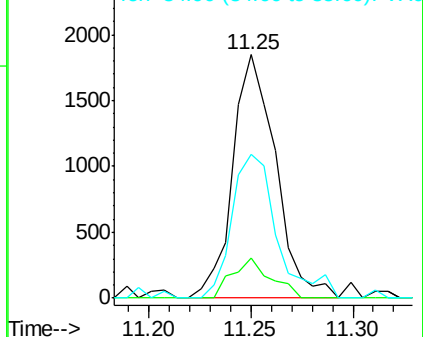
83	100		
131	14.9	5.0	14.9#
85	61.7	31.9	95.9

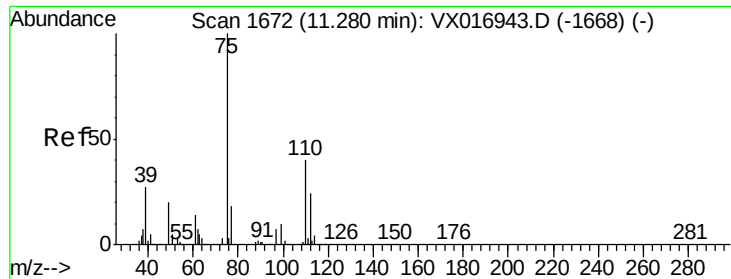


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 1.313 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampled :

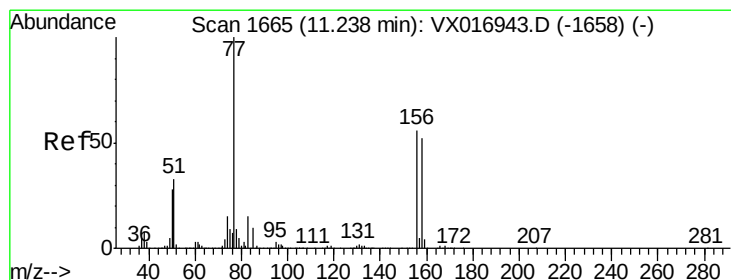
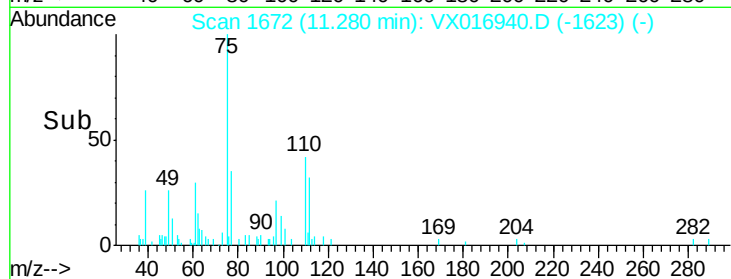
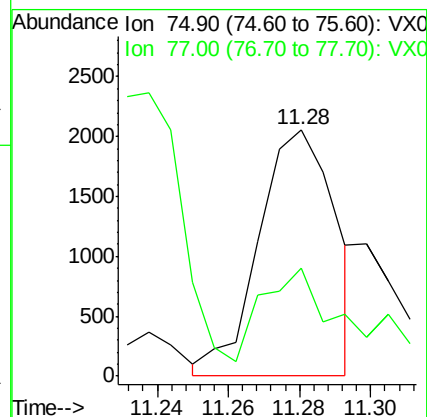
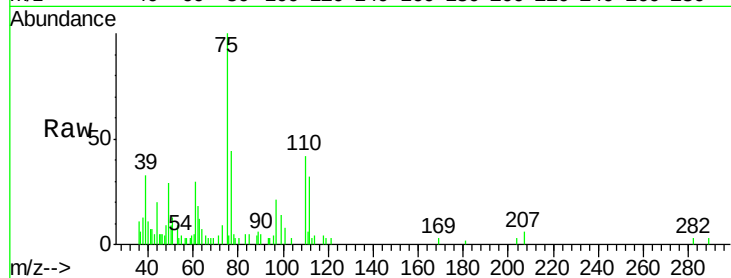
VSTDIC001

Tot Ion: 75 Resp: 3070

Ion Ratio Lower Upper

75 100

77 48.4 20.3 61.0



#77

Bromobenzene

Concen: 0.951 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

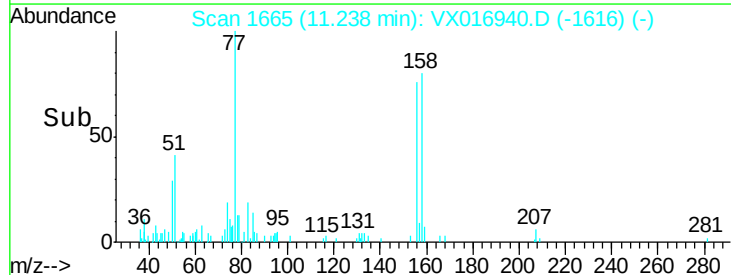
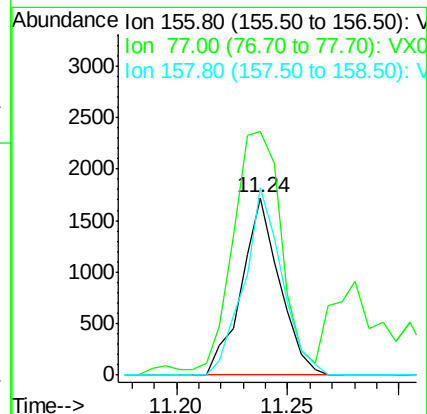
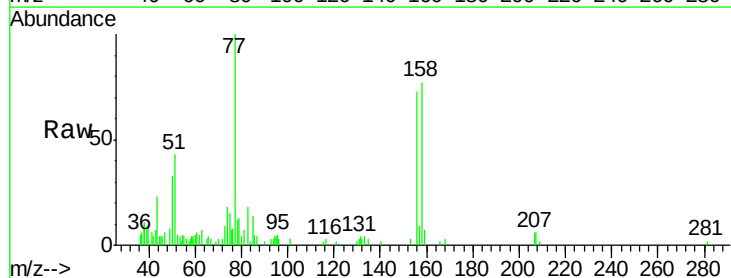
Tgt Ion: 156 Resp: 2053

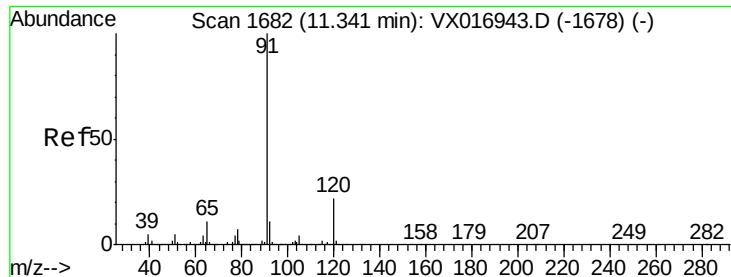
Ion Ratio Lower Upper

156 100

77 168.0 88.6 265.9

158 105.1 48.4 145.3





#78

n-propylbenzene

Concen: 0.968 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

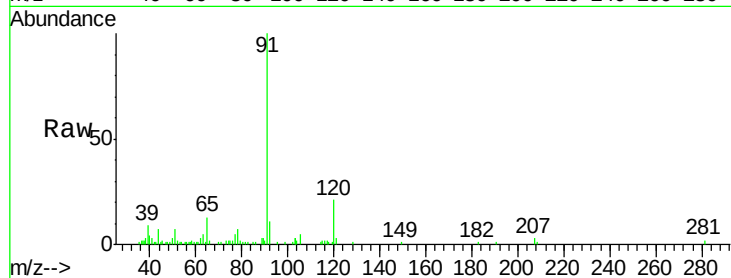
VSTDIC001

Tot Ion: 91 Resp: 8788

Ion Ratio Lower Upper

91 100

120 25.3 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.34

8000

6000

4000

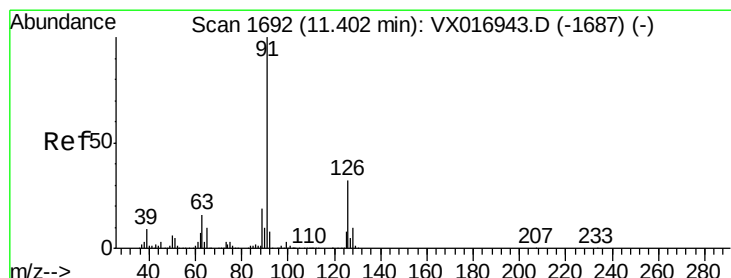
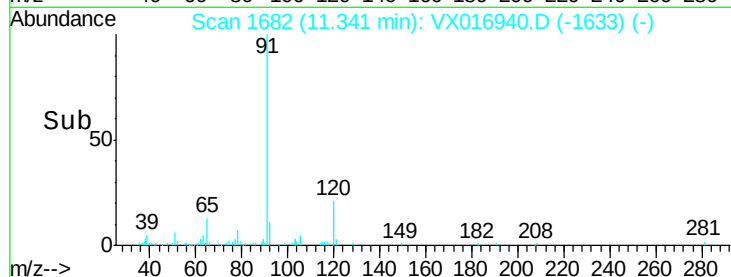
2000

0

Time-->

11.30

11.35



#79

2-Chlorotoluene

Concen: 1.059 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016940.D

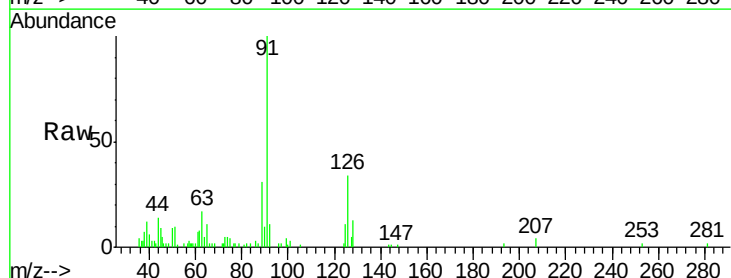
Acq: 24 Jun 2020 10:19

Tgt Ion: 91 Resp: 5878

Ion Ratio Lower Upper

91 100

126 31.5 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

11.40

8000

6000

4000

2000

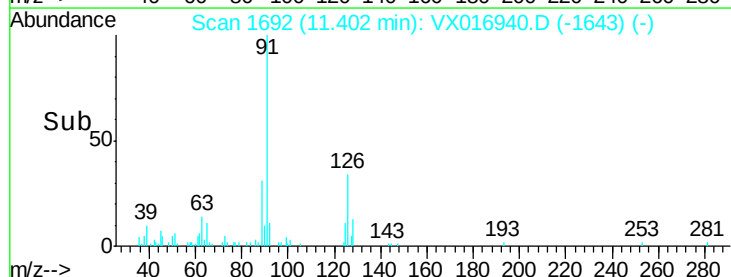
0

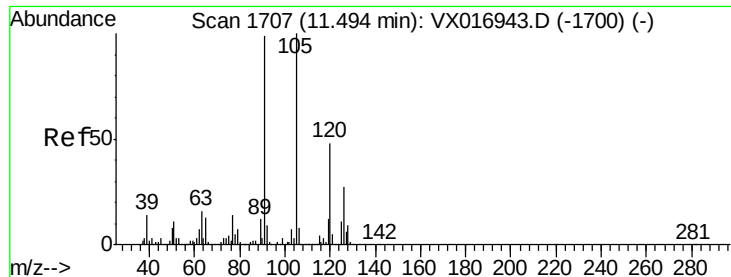
Time-->

11.35

11.40

11.45





#80

1,3,5-Trimethylbenzene

Concen: 0.986 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

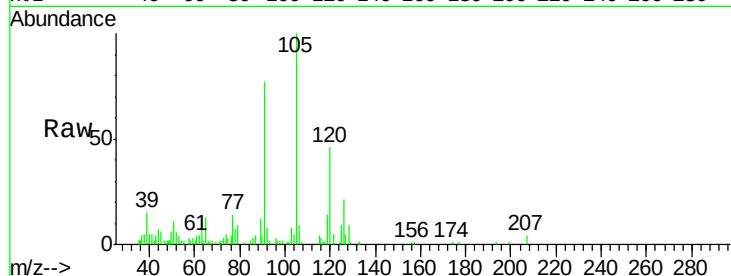
VSTDIC001

Tot Ion:105 Resp: 6822

Ion Ratio Lower Upper

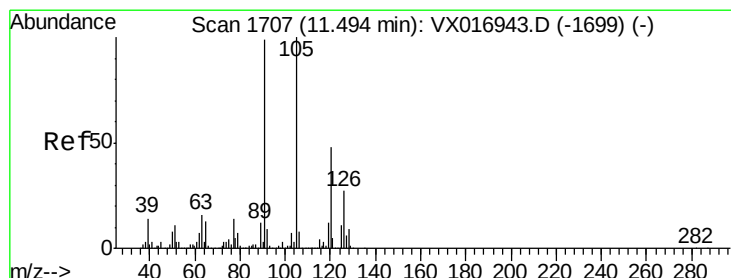
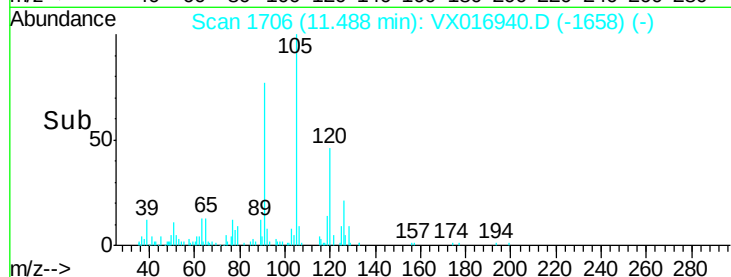
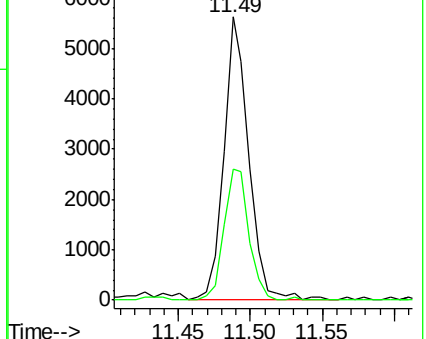
105 100

120 46.6 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#82

4-Chlorotoluene

Concen: 1.150 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016940.D

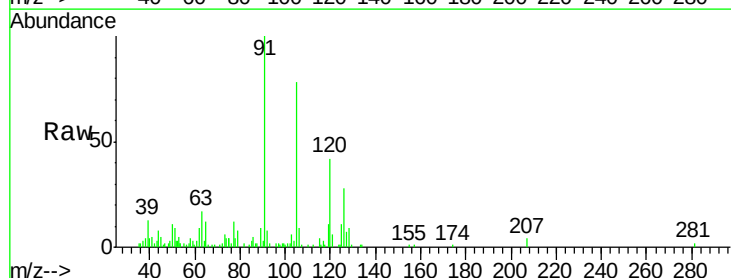
Acq: 24 Jun 2020 10:19

Tgt Ion: 91 Resp: 7630

Ion Ratio Lower Upper

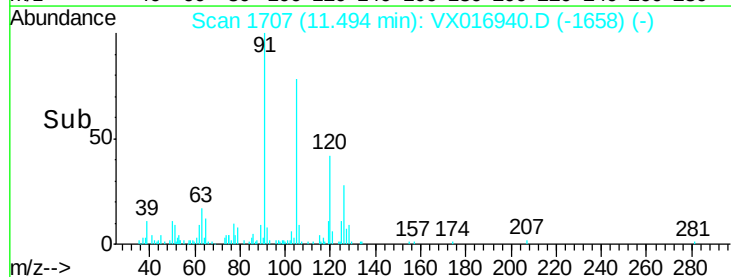
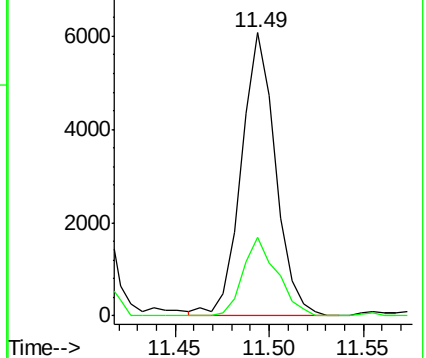
91 100

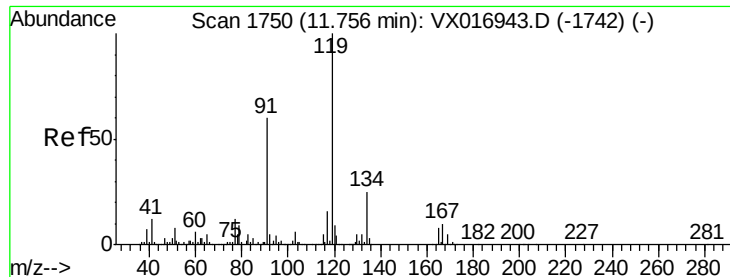
126 27.3 14.1 42.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 0.875 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

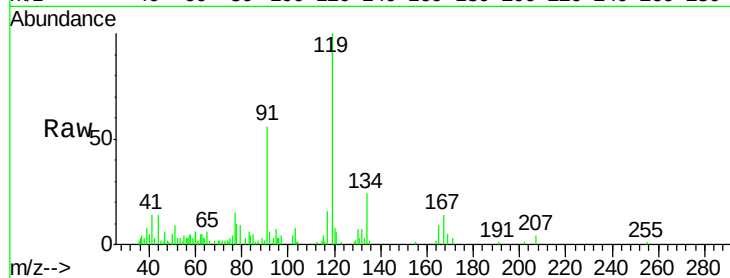
Tot Ion:119 Resp: 6012

Ion Ratio Lower Upper

119 100

91 59.8 30.0 90.1

134 25.3 11.6 34.7

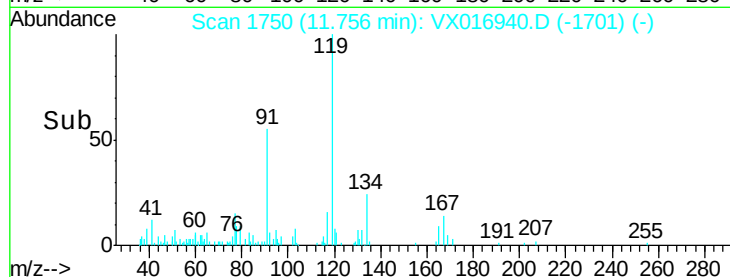


Abundance Ion 119.00 (118.70 to 119.70): V

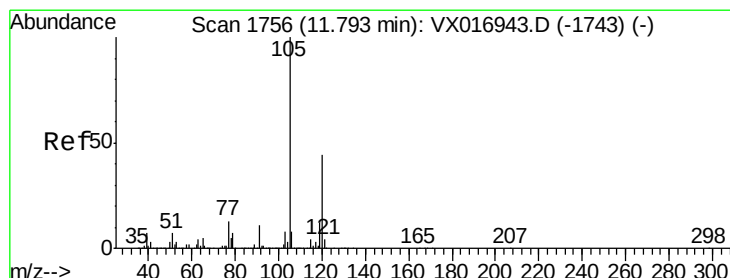
Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V

Time-->



Time-->



#84

1,2,4-Trimethylbenzene

Concen: 0.932 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX016940.D

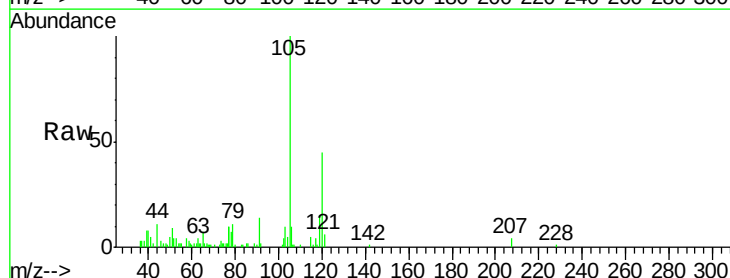
Acq: 24 Jun 2020 10:19

Tgt Ion:105 Resp: 6658

Ion Ratio Lower Upper

105 100

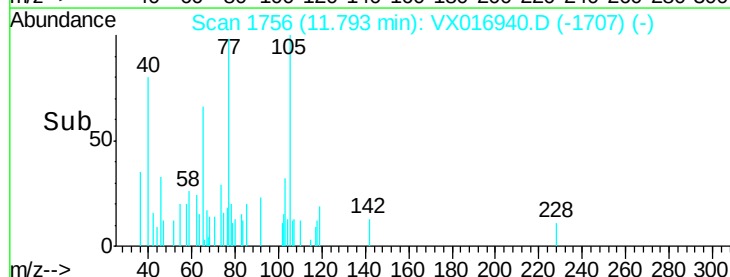
120 45.4 21.8 65.4



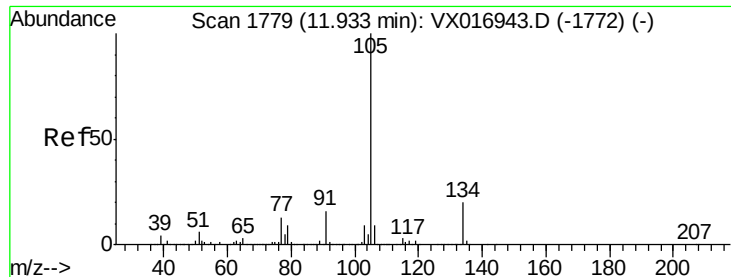
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Time-->



Time-->



#85

sec-Butylbenzene

Concen: 0.879 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampled :

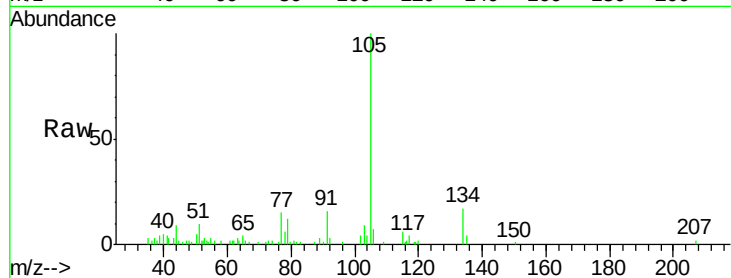
VSTDIC001

Tot Ion:105 Resp: 7033

Ion Ratio Lower Upper

105 100

134 21.6 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

6000

5000

4000

3000

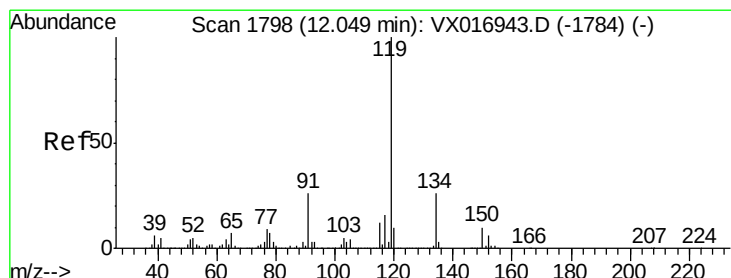
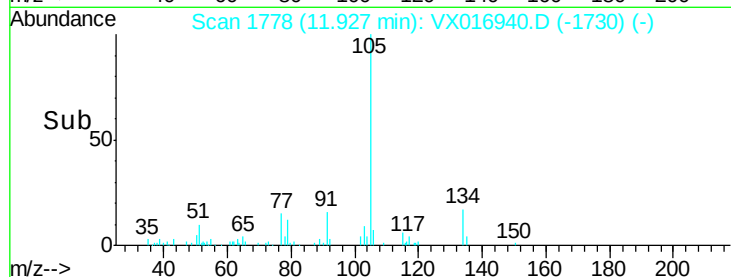
2000

1000

0

Time-->

11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 0.898 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016940.D

Acq: 24 Jun 2020 10:19

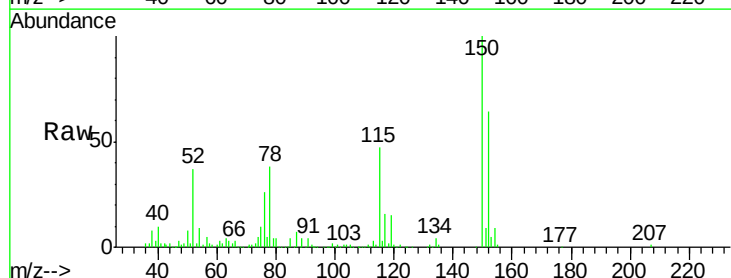
Tgt Ion:119 Resp: 6516

Ion Ratio Lower Upper

119 100

134 29.1 13.2 39.5

91 32.4 12.8 38.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

6000

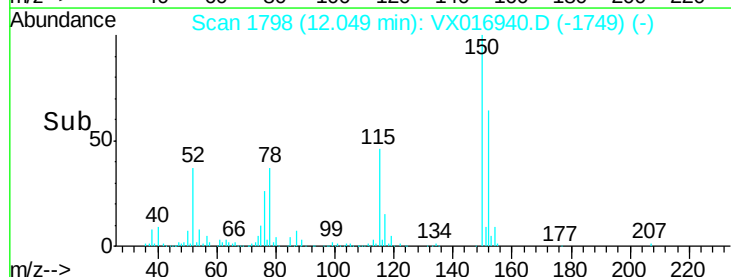
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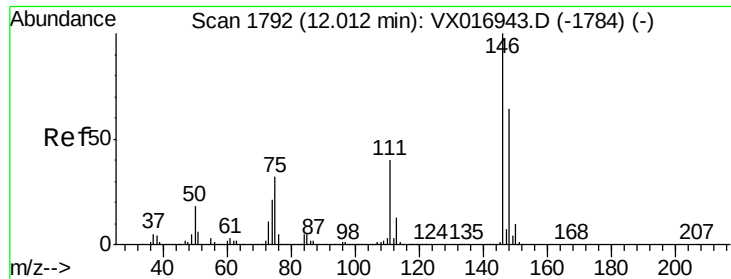
2000

0

Time-->

12.00 12.05 12.10

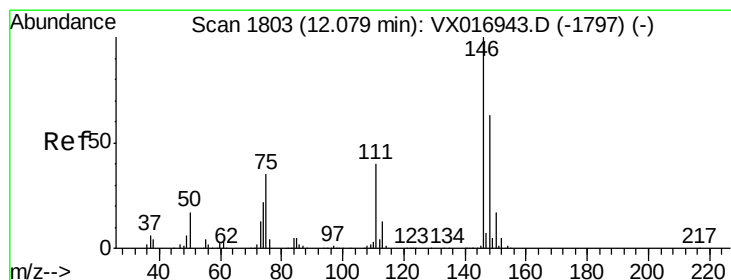
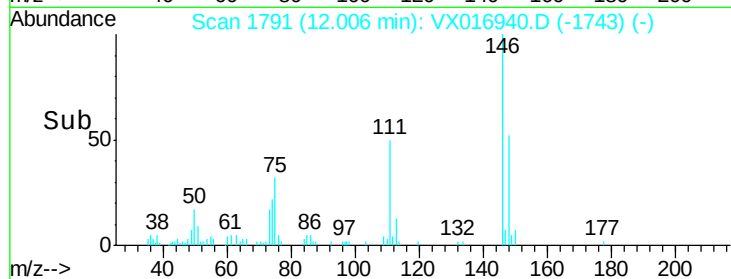
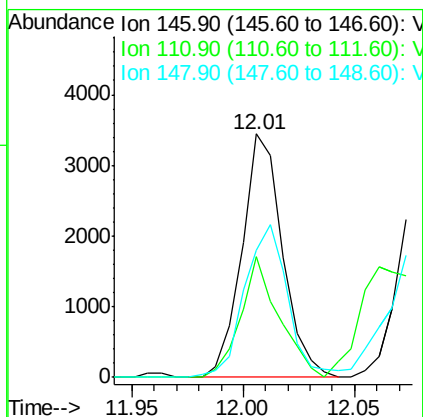
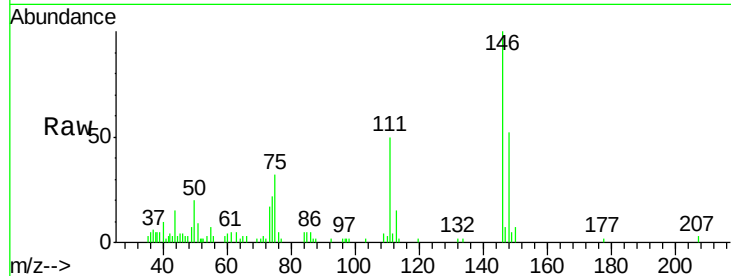




#87
 1,3-Dichlorobenzene
 Concen: 1.122 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX016940.D
 Acq: 24 Jun 2020 10:19

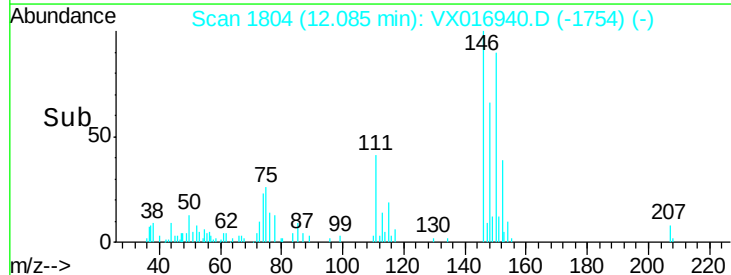
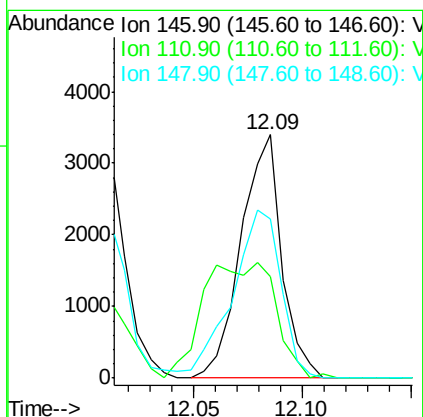
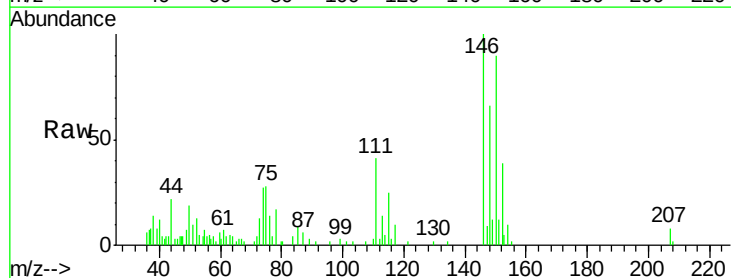
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

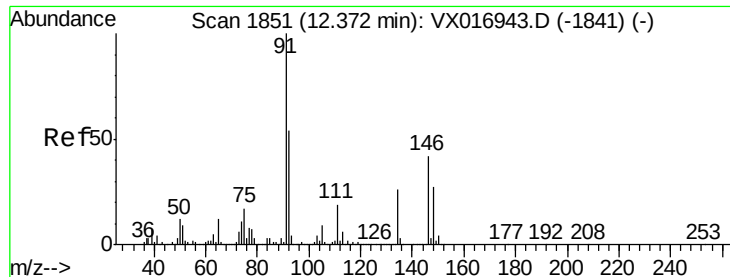
Tot Ion:146 Resp: 4403
 Ion Ratio Lower Upper
 146 100
 111 46.3 21.4 64.3
 148 66.4 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 1.102 ug/l m
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX016940.D
 Acq: 24 Jun 2020 10:19

Tgt Ion:146 Resp: 4404
 Ion Ratio Lower Upper
 146 100
 111 46.3 20.3 60.8
 148 66.4 31.4 94.2

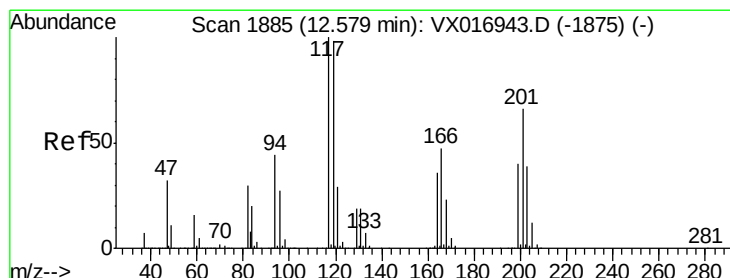
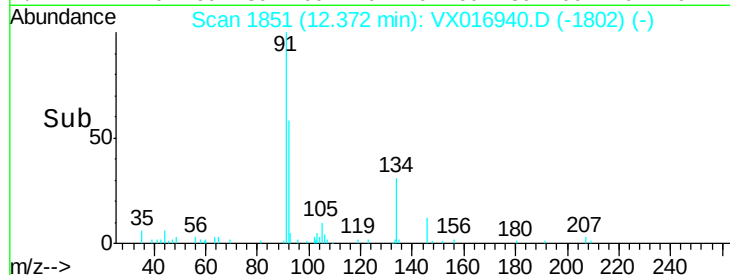
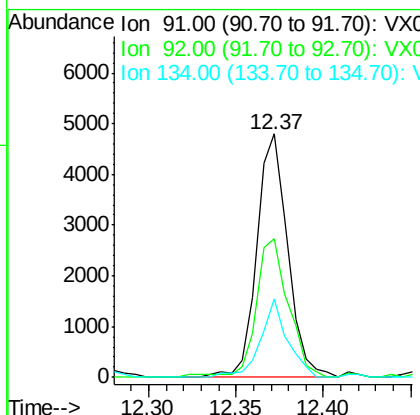
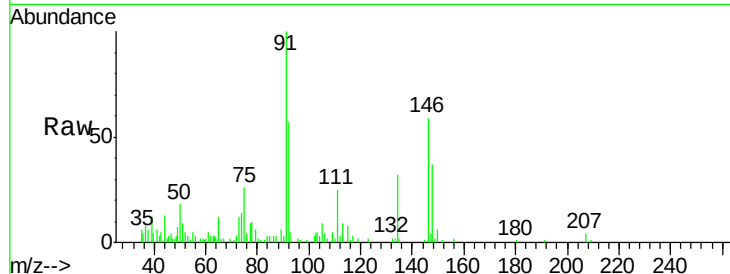




#89
n-Butylbenzene
Concen: 0.930 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016940.D
Acq: 24 Jun 2020 10:19

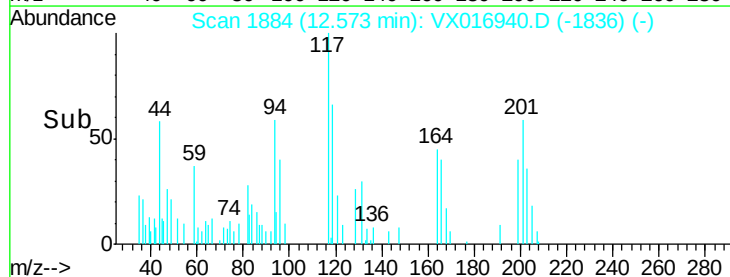
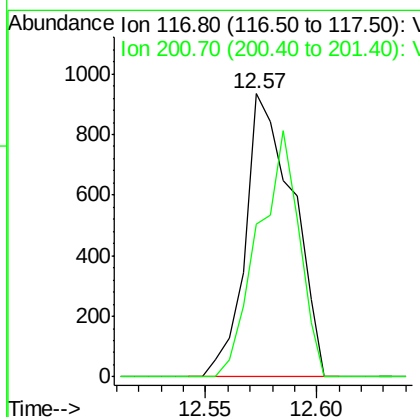
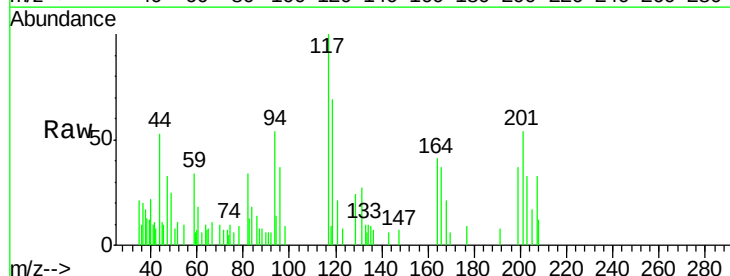
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

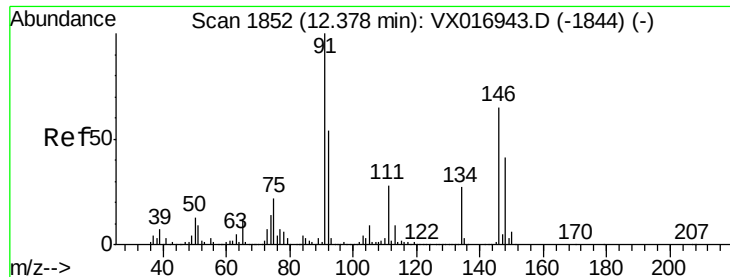
Tot Ion: 91 Resp: 5898
Ion Ratio Lower Upper
91 100
92 60.0 26.9 80.7
134 28.2 12.4 37.4



#90
Hexachloroethane
Concen: 1.051 ug/l
RT: 12.57 min Scan# 1884
Delta R.T. -0.01 min
Lab File: VX016940.D
Acq: 24 Jun 2020 10:19

Tgt Ion: 117 Resp: 1393
Ion Ratio Lower Upper
117 100
201 74.7 31.9 95.9

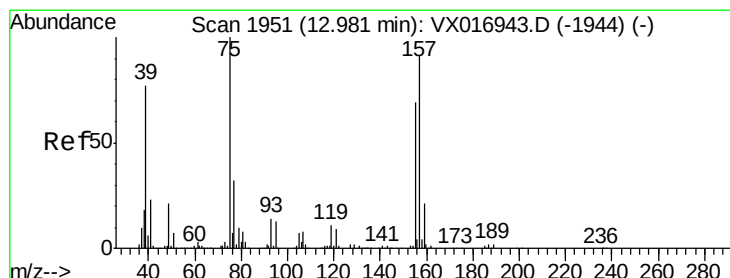
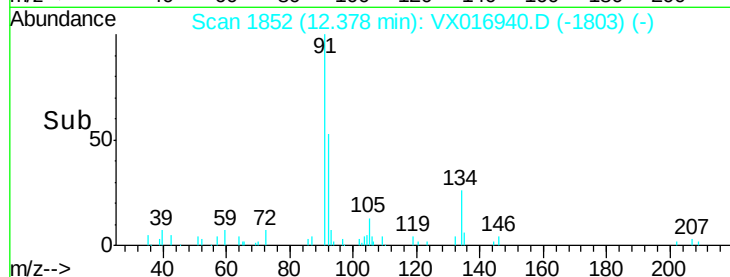
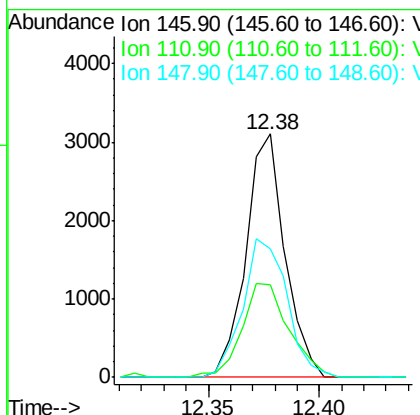
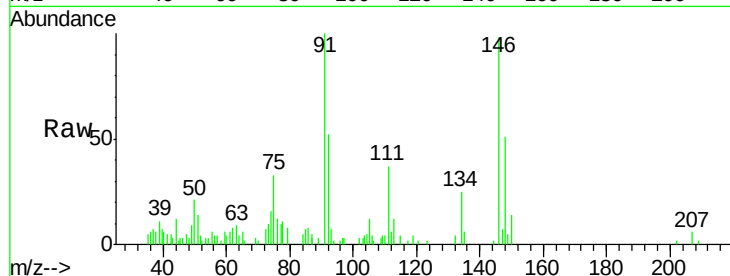




#91
 1,2-Dichlorobenzene
 Concen: 0.990 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016940.D
 Acq: 24 Jun 2020 10:19

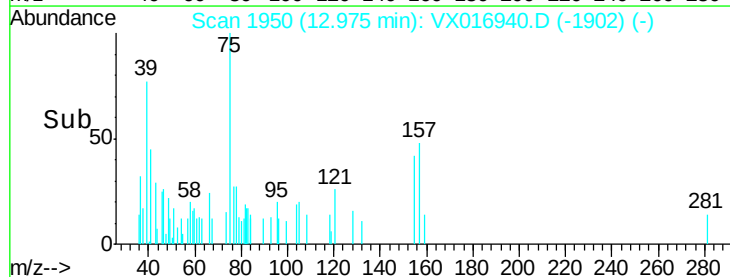
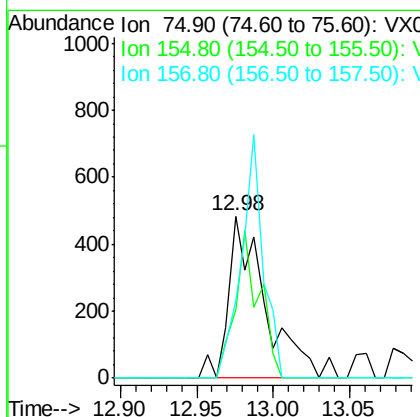
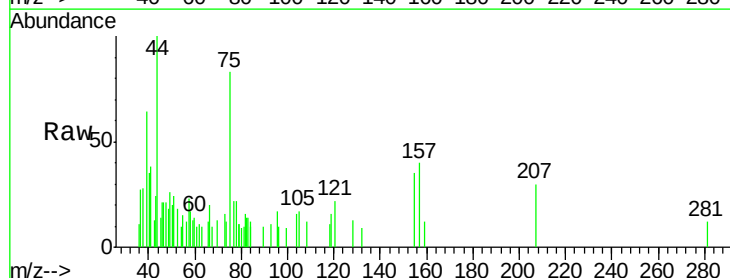
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

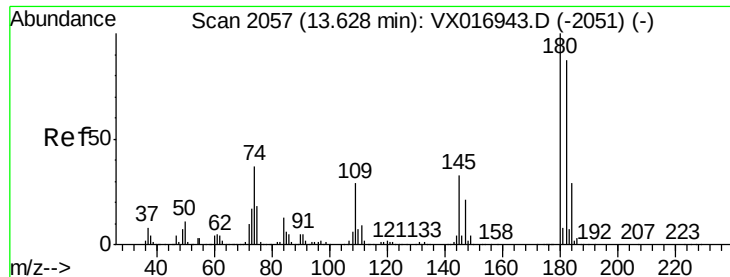
Tot Ion:146 Resp: 3788
 Ion Ratio Lower Upper
 146 100
 111 46.8 21.5 64.5
 148 64.5 31.4 94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.484 ug/l
 RT: 12.98 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: VX016940.D
 Acq: 24 Jun 2020 10:19

Tgt Ion: 75 Resp: 816
 Ion Ratio Lower Upper
 75 100
 155 59.1 38.6 115.8
 157 88.0 48.6 145.8

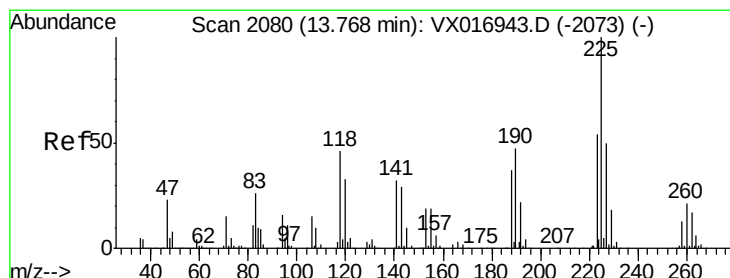
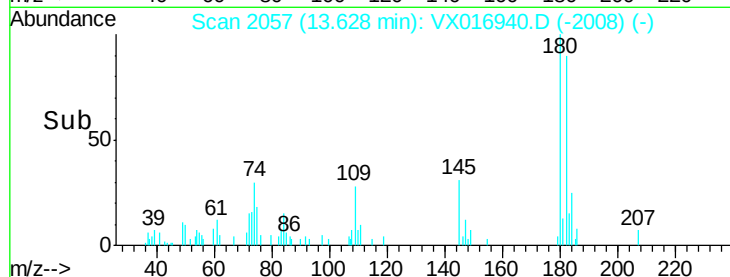
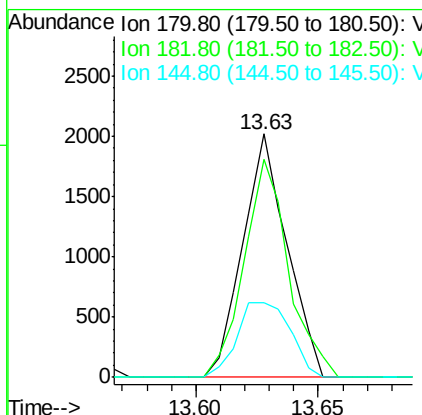
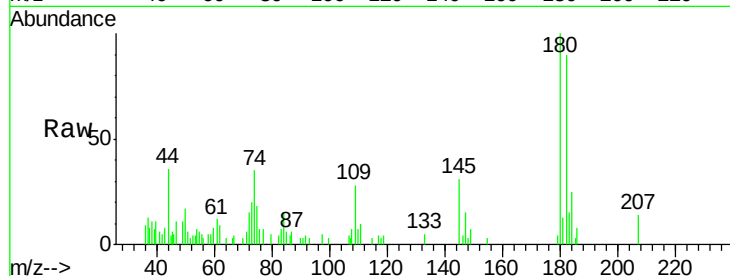




#93
 1,2,4-Trichlorobenzene
 Concen: 1.023 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016940.D
 Acq: 24 Jun 2020 10:19

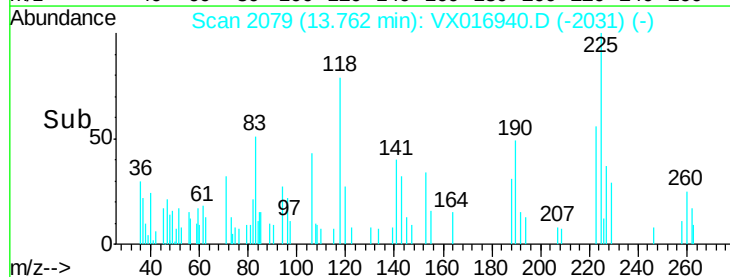
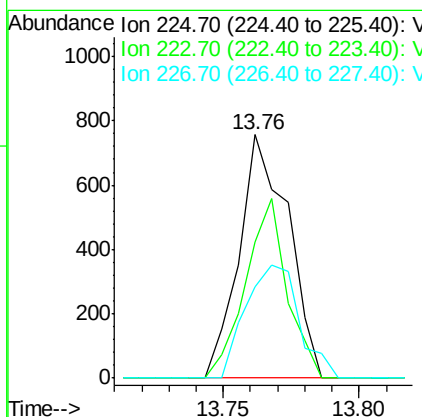
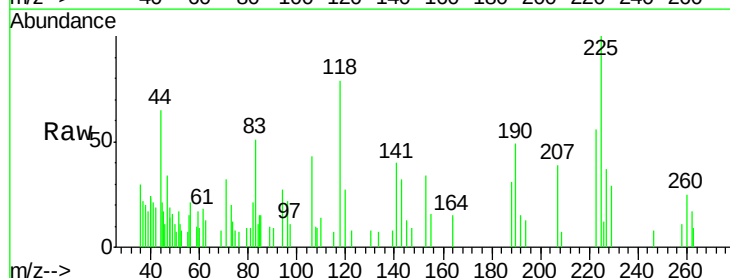
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

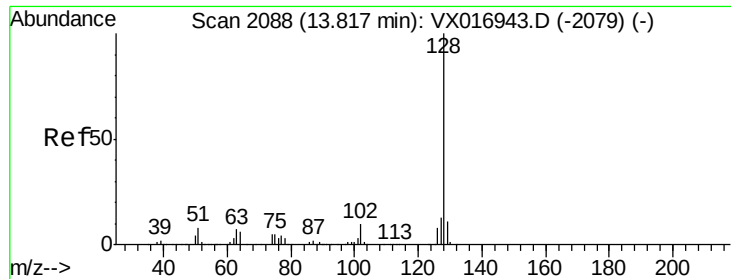
Tot Ion:180 Resp: 2537
 Ion Ratio Lower Upper
 180 100
 182 89.9 46.0 137.8
 145 36.9 16.4 49.1



#94
 Hexachlorobutadiene
 Concen: 0.859 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016940.D
 Acq: 24 Jun 2020 10:19

Tgt Ion:225 Resp: 945
 Ion Ratio Lower Upper
 225 100
 223 61.9 30.4 91.2
 227 50.7 29.8 89.3

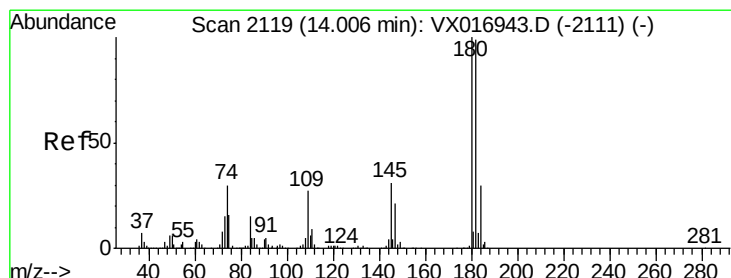
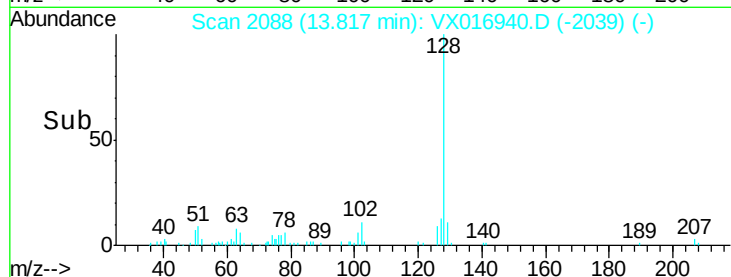
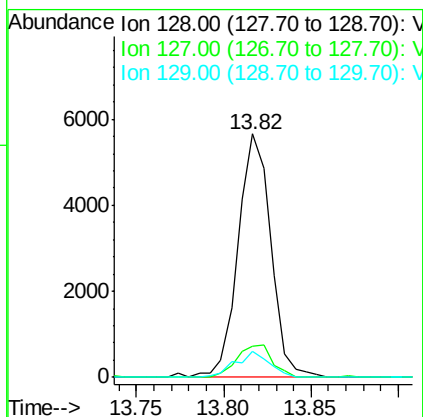
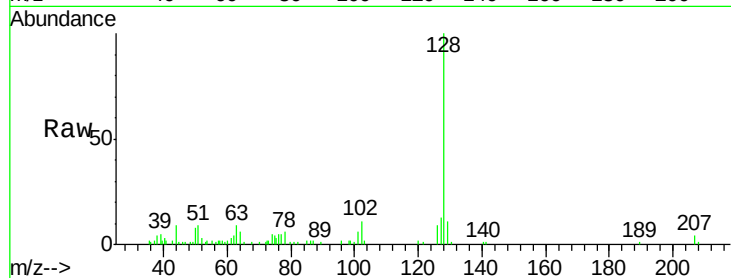




#95
Naphthalene
Concen: 0.976 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016940.D
Acq: 24 Jun 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:128 Resp: 7360
Ion Ratio Lower Upper
128 100
127 14.3 10.4 15.6
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.839 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX016940.D
Acq: 24 Jun 2020 10:19

Tgt Ion:180 Resp: 2051
Ion Ratio Lower Upper
180 100
182 94.6 47.6 142.9
145 38.5 17.0 51.0

