

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083120\
 Data File : VW016404.D
 Acq On : 31 Aug 2020 11:44
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 01 02:57:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 28 15:01:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	167748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	249733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	224383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	108721	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	84603	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	7.88	113	82157	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
50) Toluene-d8	10.32	98	312023	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
62) 4-Bromofluorobenzene	12.62	95	114368	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	52338	55.360	ug/l	95
3) Chloromethane	2.21	50	42242	46.445	ug/l	99
4) Vinyl Chloride	2.37	62	69943	52.762	ug/l	97
5) Bromomethane	2.78	94	51502	55.019	ug/l	99
6) Chloroethane	2.92	64	41520	52.619	ug/l	96
7) Trichlorofluoromethane	3.26	101	93647	58.429	ug/l	95
8) Diethyl Ether	3.68	74	40348	50.013	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.07	101	85909	54.914	ug/l	98
10) Methyl Iodide	4.27	142	133421	55.808	ug/l	99
11) Tert butyl alcohol	5.22	59	24467	240.660	ug/l	99
12) 1,1-Dichloroethene	4.04	96	84182	52.732	ug/l	98
13) Acrolein	3.90	56	16132	208.534	ug/l	97
14) Allyl chloride	4.67	41	104577	52.407	ug/l	98
15) Acrylonitrile	5.37	53	76104	253.368	ug/l	99
16) Acetone	4.14	43	74058	259.713	ug/l	97
17) Carbon Disulfide	4.38	76	243946	54.427	ug/l	99
18) Methyl Acetate	4.68	43	31758	48.841	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	131324	53.842	ug/l	98
20) Methylene Chloride	4.92	84	89474	49.764	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	94652	52.899	ug/l	99
22) Diisopropyl ether	6.31	45	208428	52.766	ug/l	100
23) Vinyl Acetate	6.26	43	631674	260.945	ug/l	98
24) 1,1-Dichloroethane	6.21	63	149385	52.455	ug/l	99
25) 2-Butanone	7.18	43	95643	247.210	ug/l	95
26) 2,2-Dichloropropane	7.17	77	117288	53.325	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	101601	52.410	ug/l	99
28) Bromochloromethane	7.51	49	53021	51.255	ug/l	100
29) Tetrahydrofuran	7.54	42	55788	241.551	ug/l	97
30) Chloroform	7.68	83	167897	53.073	ug/l	98
31) Cyclohexane	7.96	56	129997	49.806	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	157513	55.287	ug/l	99
36) 1,1-Dichloropropene	8.09	75	132251	55.646	ug/l	99
37) Ethyl Acetate	7.25	43	42916	53.303	ug/l	98
38) Carbon Tetrachloride	8.07	117	151357	58.119	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	166797	57.962	ug/l	98
40) Benzene	8.32	78	353531	55.562	ug/l	99
41) Methacrylonitrile	7.49	41	24180	52.160	ug/l	96
42) 1,2-Dichloroethane	8.40	62	107984	55.638	ug/l	99
43) Isopropyl Acetate	8.43	43	82357	51.257	ug/l	98
44) Trichloroethene	9.10	130	104055	54.655	ug/l	95
45) 1,2-Dichloropropane	9.37	63	79587	53.917	ug/l	98
46) Dibromomethane	9.46	93	46907	53.485	ug/l	96
47) Bromodichloromethane	9.65	83	125990	55.702	ug/l	98
48) Methyl methacrylate	9.44	41	42125	54.990	ug/l	92
49) 1,4-Dioxane	9.48	88	13582	1136.937	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	207092	260.665	ug/l	99
52) Toluene	10.39	92	238343	55.869	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	123187	56.001	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	142271	55.508	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	66977	53.564	ug/l	95
56) Ethyl methacrylate	10.65	69	79974	54.732	ug/l	99
57) 1,3-Dichloropropane	10.93	76	110648	53.256	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	169853	258.881	ug/l	99
59) 2-Hexanone	10.97	43	143793	265.289	ug/l	99
60) Dibromochloromethane	11.13	129	88075	55.706	ug/l	98
61) 1,2-Dibromoethane	11.24	107	67145	54.754	ug/l	97
64) Tetrachloroethene	10.87	164	85868	55.712	ug/l	97
65) Chlorobenzene	11.66	112	256013	55.400	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	98677	57.669	ug/l	99
67) Ethyl Benzene	11.73	91	472988	57.331	ug/l	99
68) m/p-Xylenes	11.84	106	361521	114.775	ug/l	97
69) o-Xylene	12.17	106	164600	56.826	ug/l	97
70) Styrene	12.18	104	283773	57.484	ug/l	100
71) Bromoform	12.35	173	48909	56.173	ug/l #	97
73) Isopropylbenzene	12.46	105	473319	59.042	ug/l	100
74) N-amyl acetate	12.27	43	75670	53.937	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	71780	54.391	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	95598	99.439	ug/l	29
77) Bromobenzene	12.75	156	104014	55.812	ug/l	99
78) n-propylbenzene	12.80	91	554303	58.900	ug/l	99
79) 2-Chlorotoluene	12.89	91	318209	57.415	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	407410	57.943	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	23783	54.924	ug/l	99
82) 4-Chlorotoluene	12.99	91	331066	57.135	ug/l	99
83) tert-Butylbenzene	13.21	119	348764	59.041	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	410493	58.533	ug/l	100
85) sec-Butylbenzene	13.38	105	488098	59.675	ug/l	99
86) p-Isopropyltoluene	13.50	119	453565	59.400	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	204069	57.046	ug/l	96
88) 1,4-Dichlorobenzene	13.58	146	200157	55.613	ug/l	99
89) n-Butylbenzene	13.82	91	396499	56.558	ug/l	97
90) Hexachloroethane	14.09	117	83177	58.016	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	177730	55.464	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	12719	53.022	ug/l	90

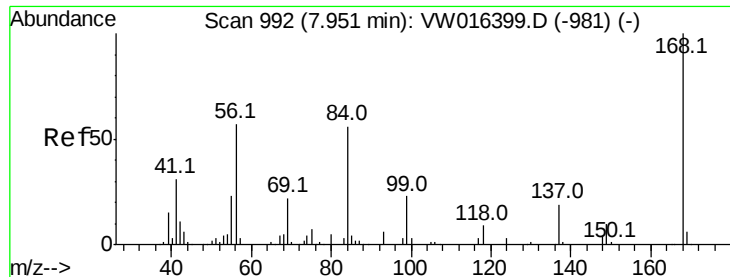
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083120\
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QLast Update : Fri Aug 28 15:01:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	117238	55.113	ug/l	97
94) Hexachlorobutadiene	15.24	225	70664	55.642	ug/l	96
95) Naphthalene	15.37	128	214393	54.463	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	102007	54.729	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW016404.D

Acq: 31 Aug 2020 11:44

Instrument :

MSVOA_W

ClientSampleId :

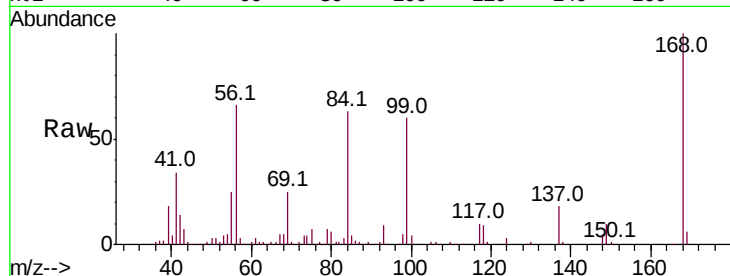
VSTDCCC050

Tot Ion:168 Resp: 167748

Ion Ratio Lower Upper

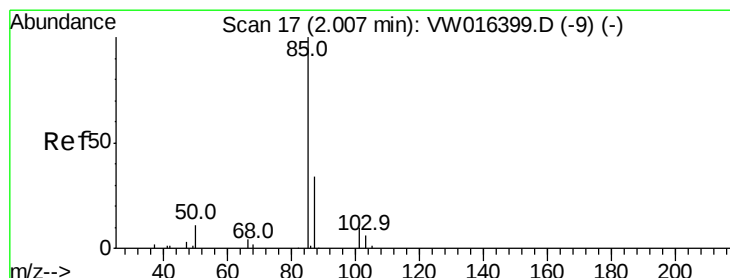
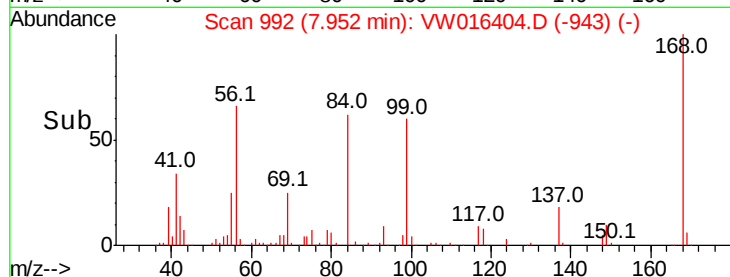
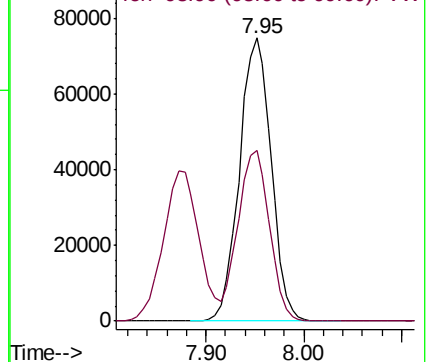
168 100

99 60.5 49.0 73.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 55.360 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW016404.D

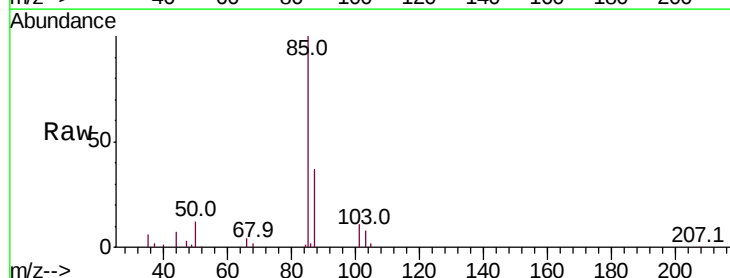
Acq: 31 Aug 2020 11:44

Tgt Ion: 85 Resp: 52338

Ion Ratio Lower Upper

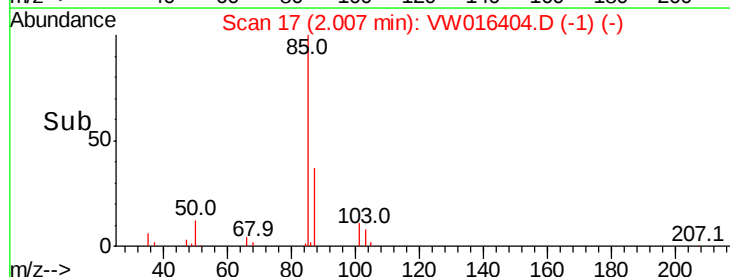
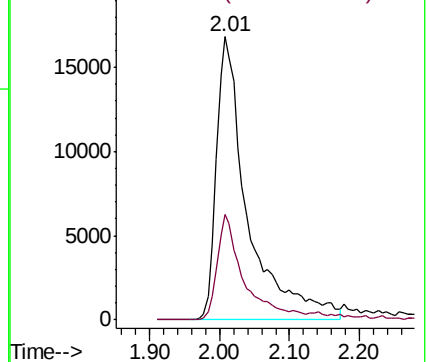
85 100

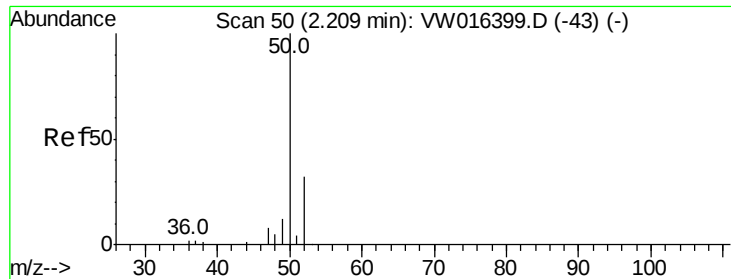
87 37.1 17.0 51.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

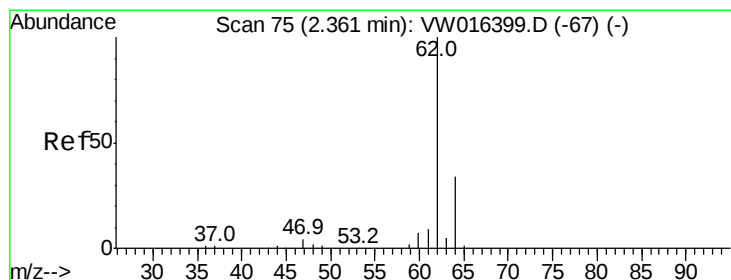
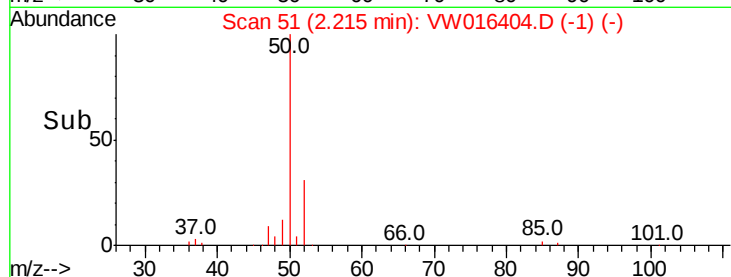
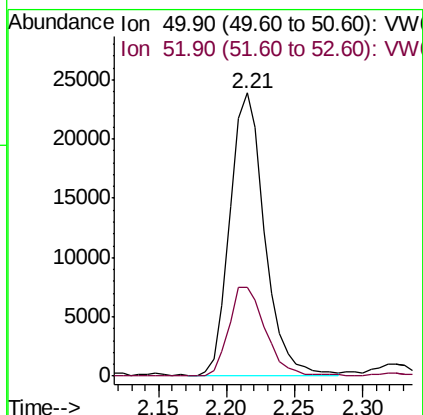
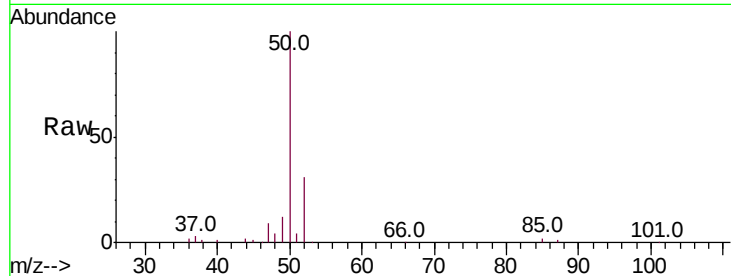




#3
Chloromethane
Concen: 46.445 ug/l
RT: 2.21 min Scan# 51
Delta R.T. 0.01 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

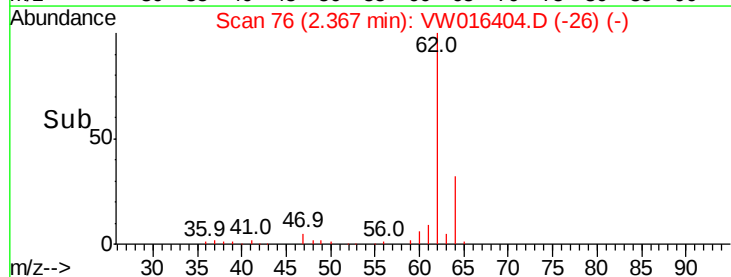
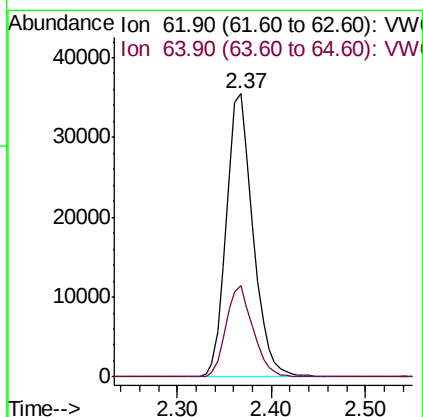
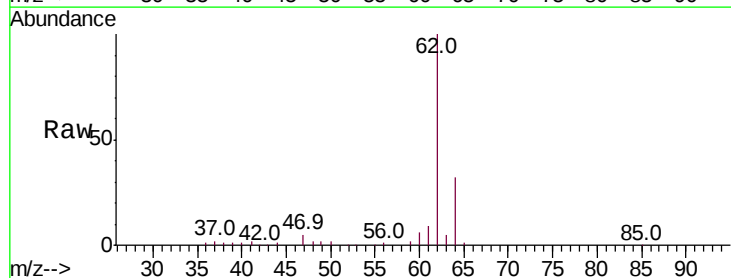
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

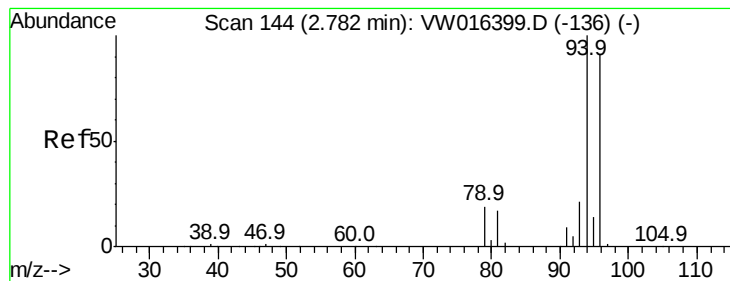
Tot Ion: 50 Resp: 42242
Ion Ratio Lower Upper
50 100
52 31.5 25.5 38.3



#4
Vinyl Chloride
Concen: 52.762 ug/l
RT: 2.37 min Scan# 76
Delta R.T. 0.01 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

Tgt Ion: 62 Resp: 69943
Ion Ratio Lower Upper
62 100
64 32.1 27.2 40.8





#5

Bromomethane

Concen: 55.019 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW016404.D

Acq: 31 Aug 2020 11:44

Instrument :

MSVOA_W

ClientSampled :

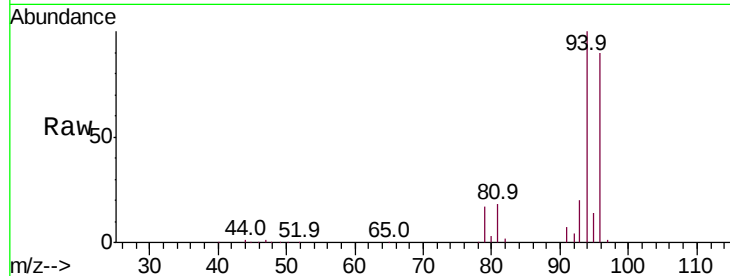
VSTDCCC050

Tot Ion: 94 Resp: 51502

Ion Ratio Lower Upper

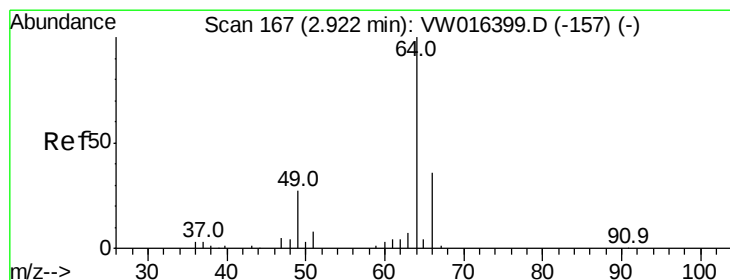
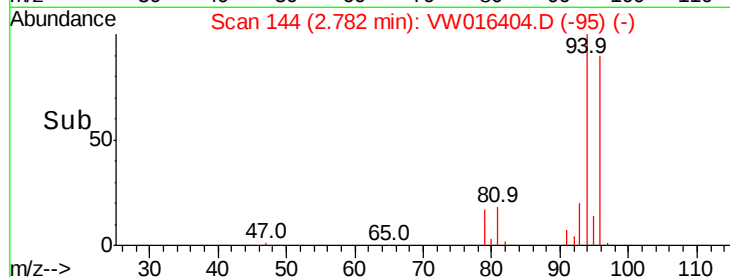
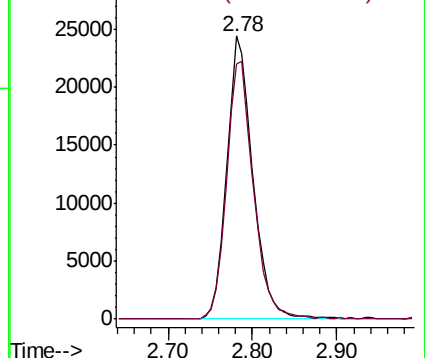
94 100

96 90.1 72.6 109.0



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 52.619 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW016404.D

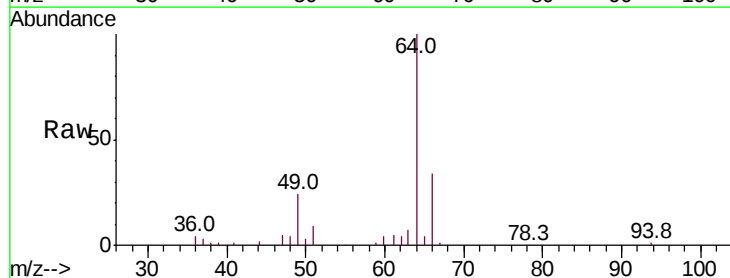
Acq: 31 Aug 2020 11:44

Tgt Ion: 64 Resp: 41520

Ion Ratio Lower Upper

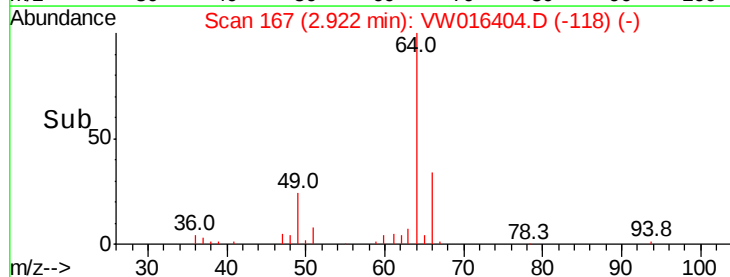
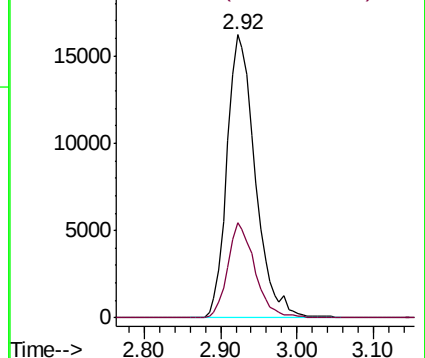
64 100

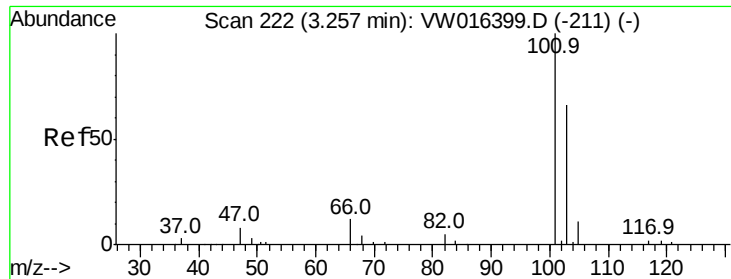
66 33.7 28.7 43.1



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



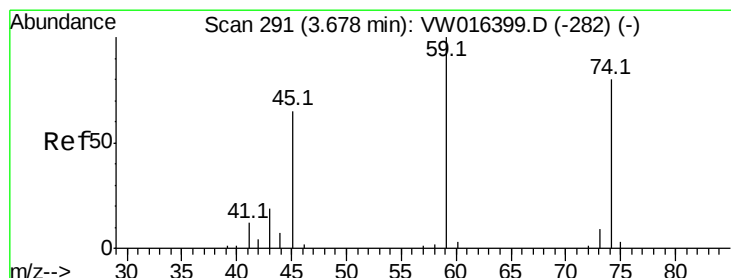
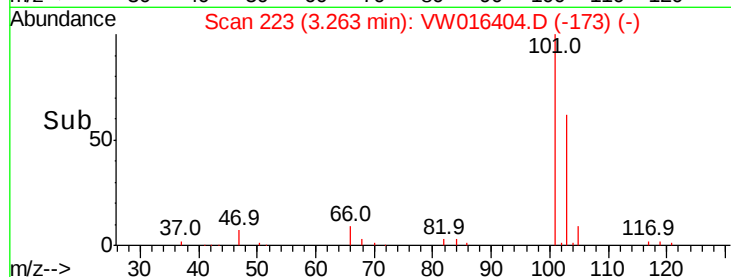
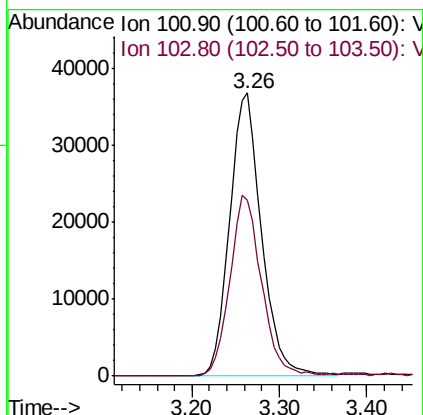
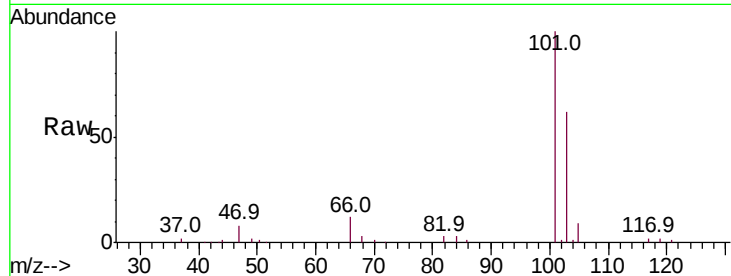


#7

Trichlorofluoromethane
 Concen: 58.429 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VW016404.D
 Acq: 31 Aug 2020 11:44

Instrument :
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 ClientSampleId :
 VSTDCCC050

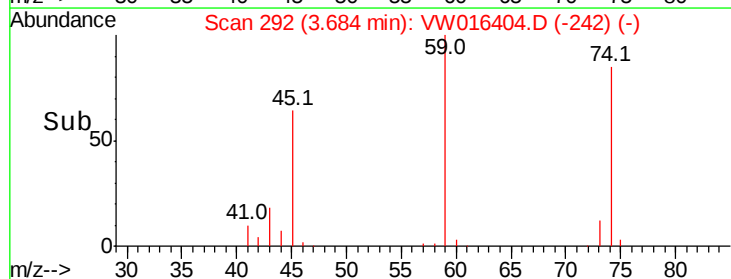
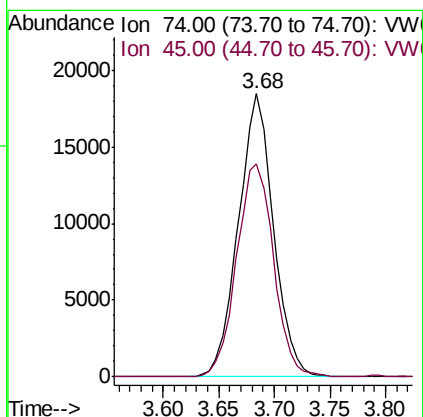
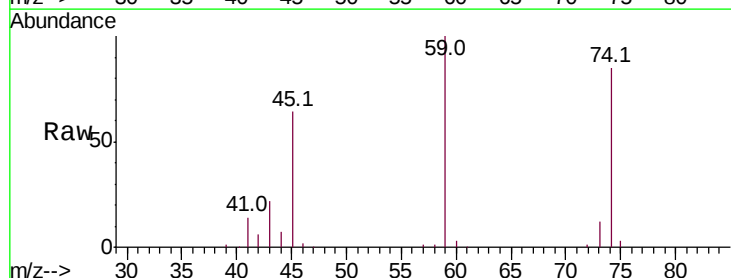
Tot Ion:101 Resp: 93647
 Ion Ratio Lower Upper
 101 100
 103 62.1 53.0 79.4

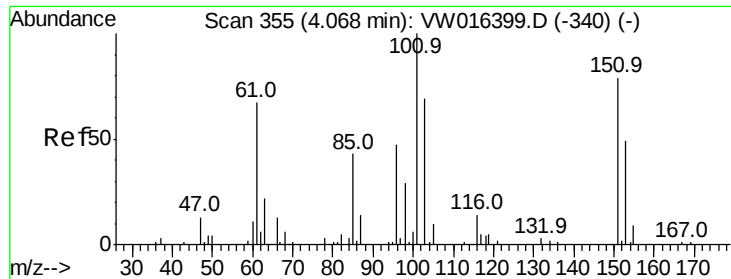


#8

Diethyl Ether
 Concen: 50.013 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: VW016404.D
 Acq: 31 Aug 2020 11:44

Tgt Ion: 74 Resp: 40348
 Ion Ratio Lower Upper
 74 100
 45 79.8 42.0 126.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.914 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW016404.D

Acq: 31 Aug 2020 11:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

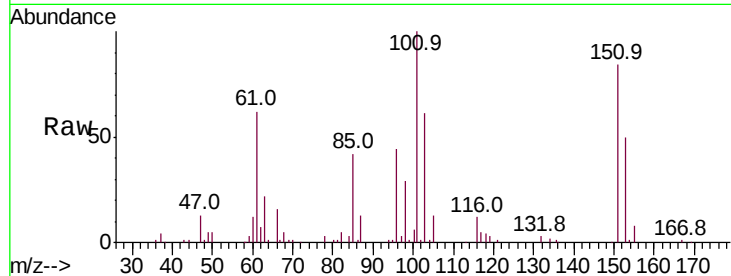
Tot Ion:101 Resp: 85909

Ion Ratio Lower Upper

101 100

85 42.4 34.2 51.2

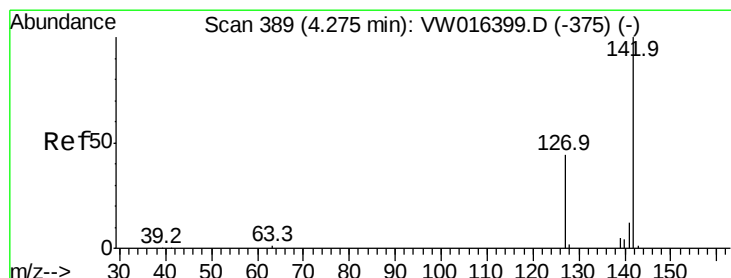
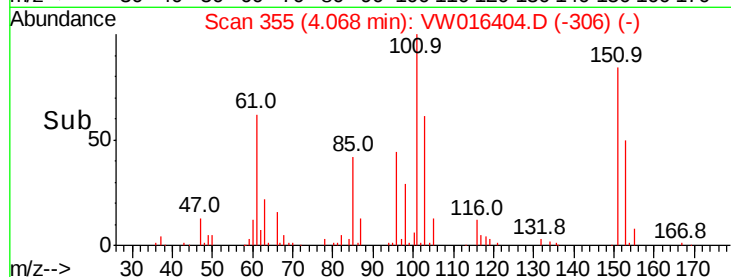
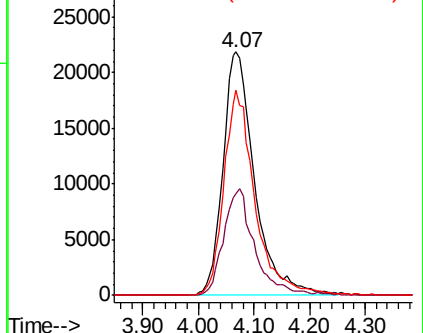
151 82.8 63.8 95.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.808 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW016404.D

Acq: 31 Aug 2020 11:44

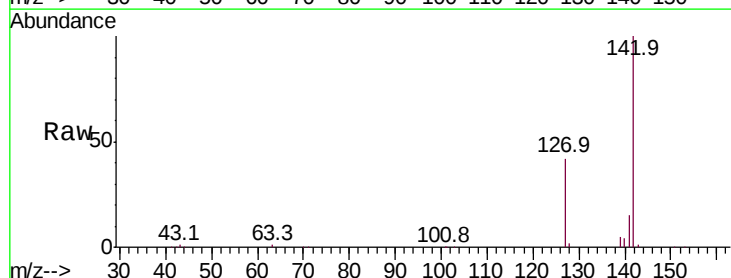
Tgt Ion:142 Resp: 133421

Ion Ratio Lower Upper

142 100

127 44.7 36.2 54.4

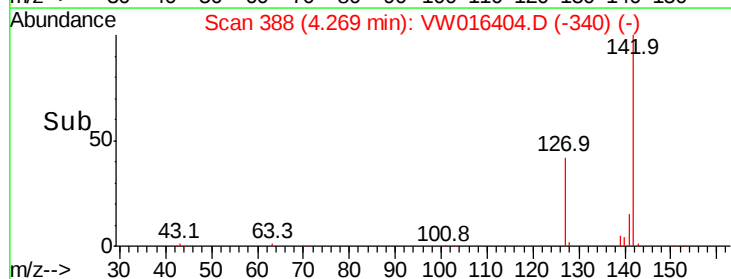
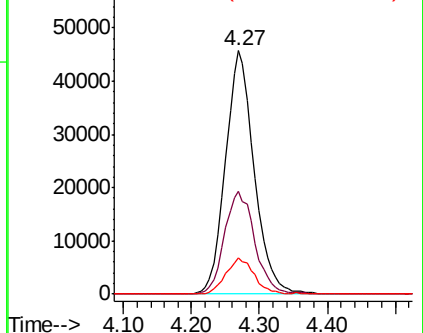
141 14.7 11.8 17.6

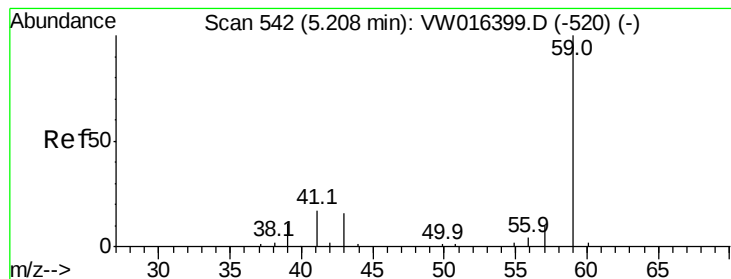


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



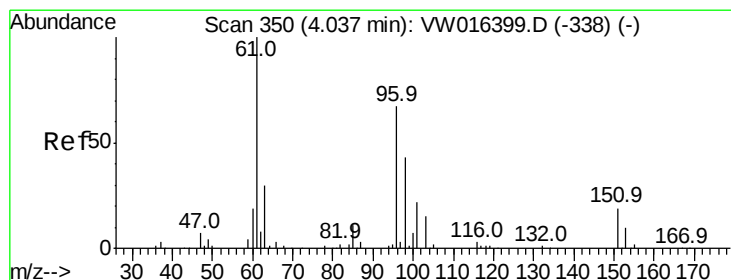
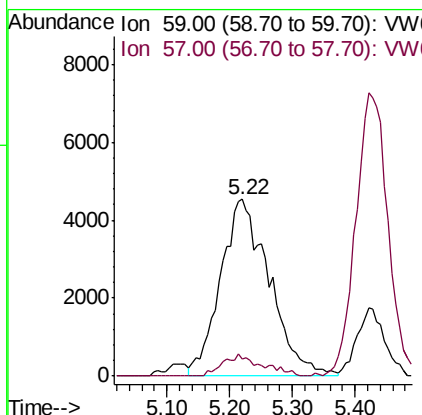
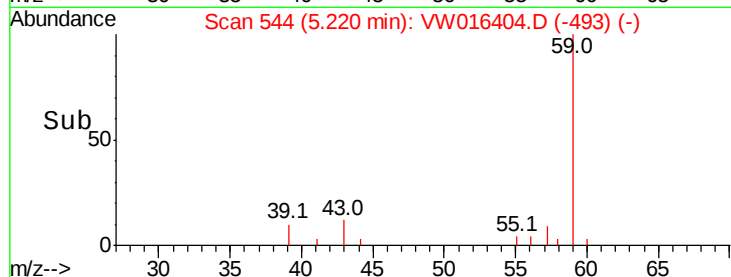
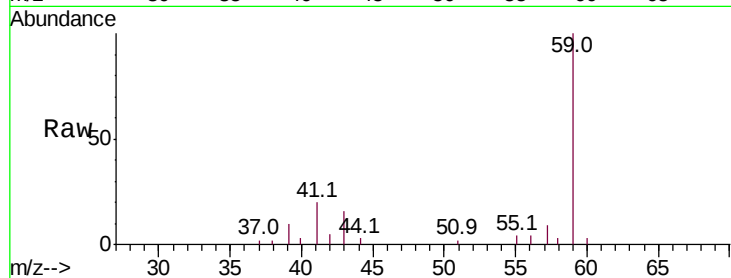


#11

Tert butyl alcohol
 Concen: 240.660 ug/l
 RT: 5.22 min Scan# 544
 Delta R.T. 0.01 min
 Lab File: VW016404.D
 Acq: 31 Aug 2020 11:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

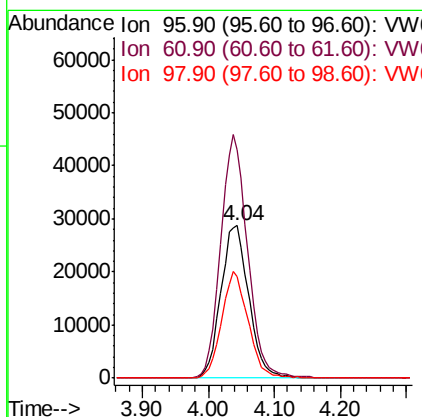
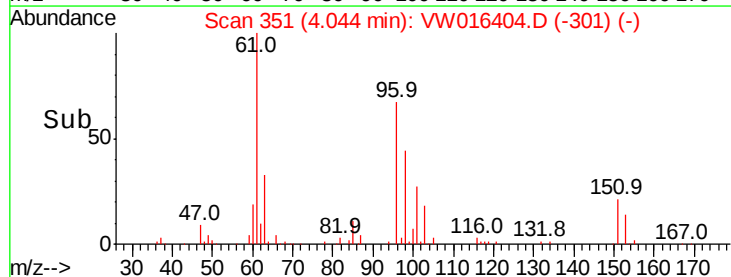
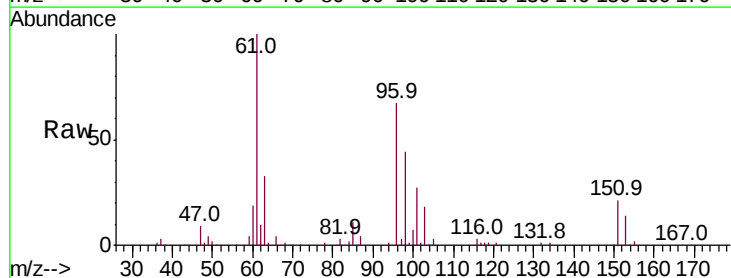
Tot Ion: 59 Resp: 24467
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.2 12.4

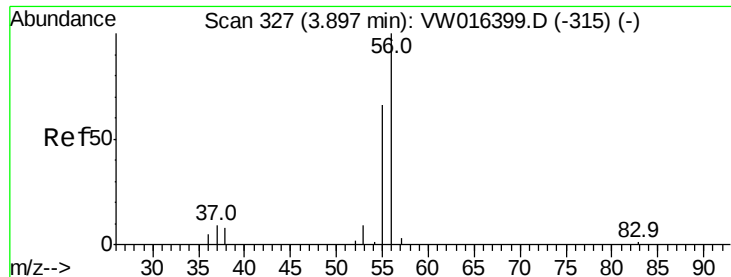


#12

1,1-Dichloroethene
 Concen: 52.732 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VW016404.D
 Acq: 31 Aug 2020 11:44

Tgt Ion: 96 Resp: 84182
 Ion Ratio Lower Upper
 96 100
 61 150.1 119.0 178.4
 98 66.3 50.6 76.0

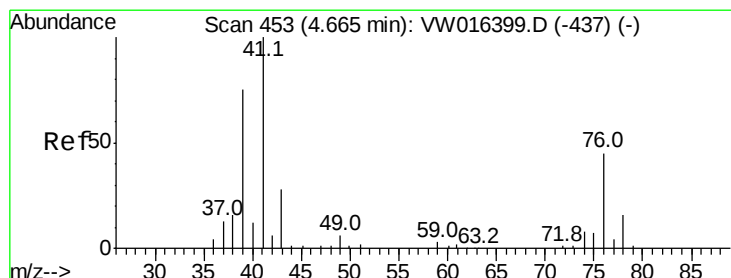
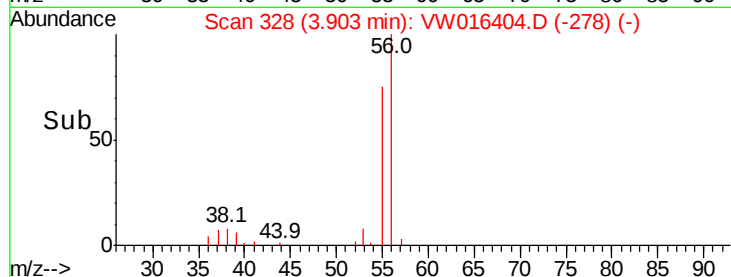
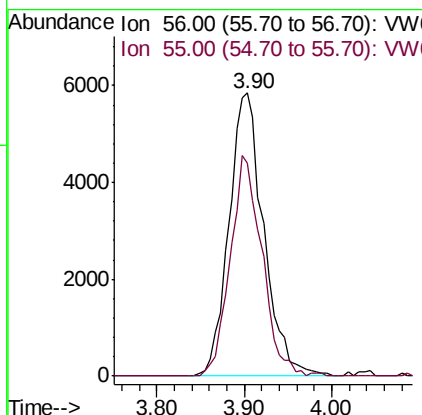
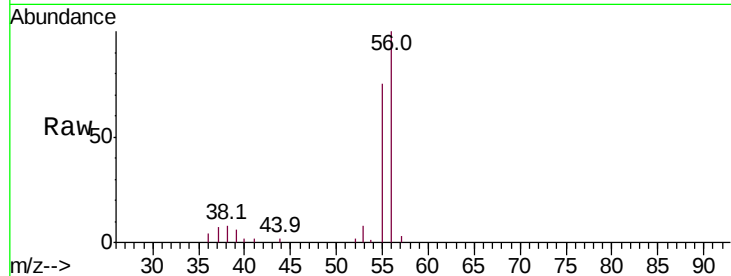




#13
Acrolein
Concen: 208.534 ug/l
RT: 3.90 min Scan# 328
Delta R.T. 0.01 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

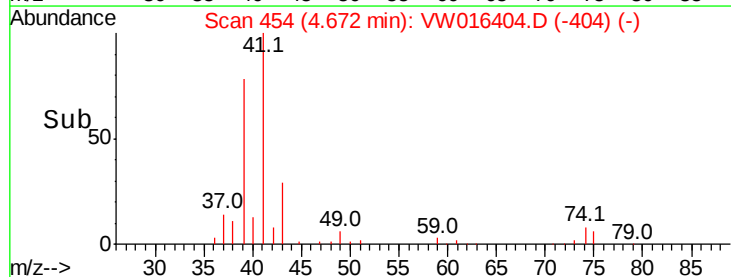
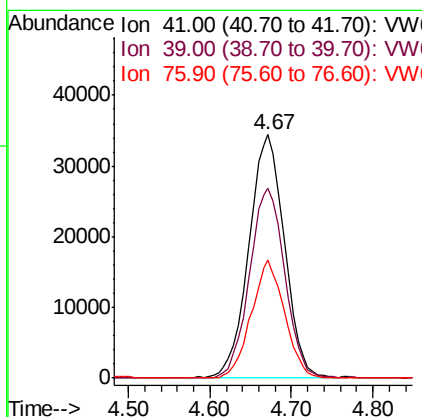
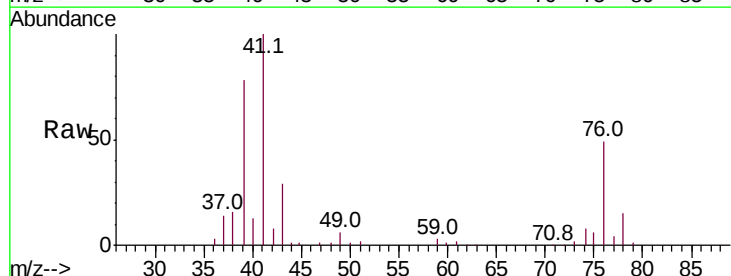
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

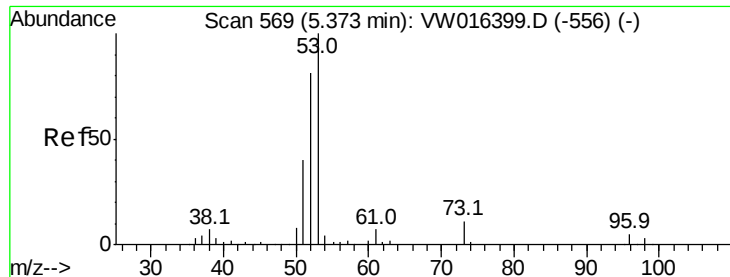
Tot Ion: 56 Resp: 16132
Ion Ratio Lower Upper
56 100
55 71.0 54.8 82.2



#14
Allyl chloride
Concen: 52.407 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

Tgt Ion: 41 Resp: 104577
Ion Ratio Lower Upper
41 100
39 77.6 60.2 90.2
76 45.3 35.7 53.5





#15

Acrylonitrile

Concen: 253.368 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW016404.D

Acq: 31 Aug 2020 11:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

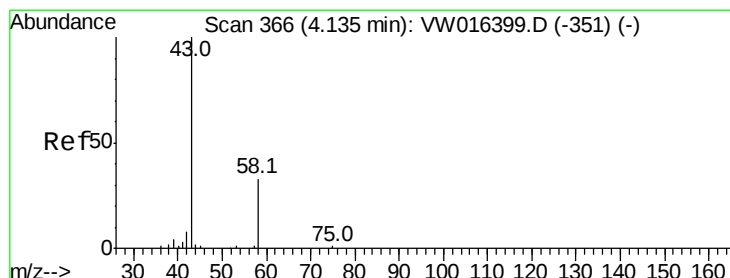
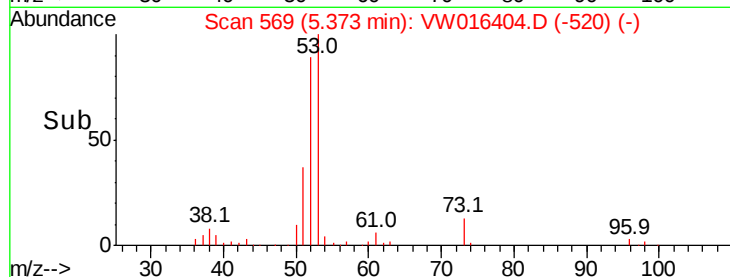
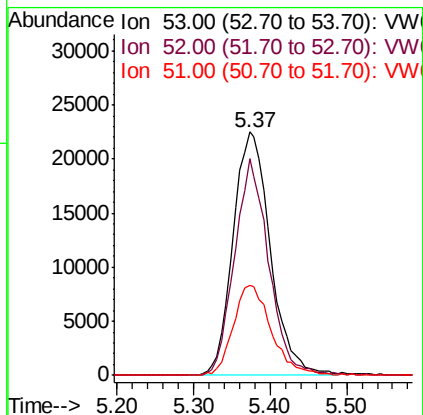
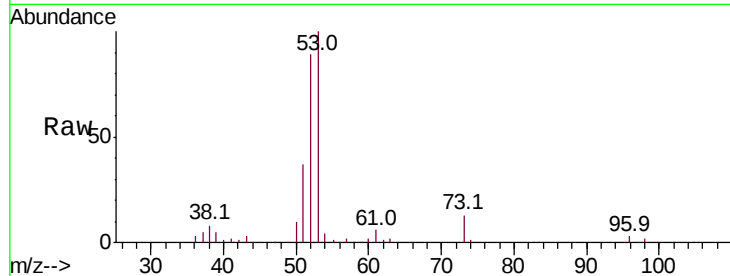
Tot Ion: 53 Resp: 76104

Ion Ratio Lower Upper

53 100

52 82.0 66.1 99.1

51 37.7 29.9 44.9



#16

Acetone

Concen: 259.713 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW016404.D

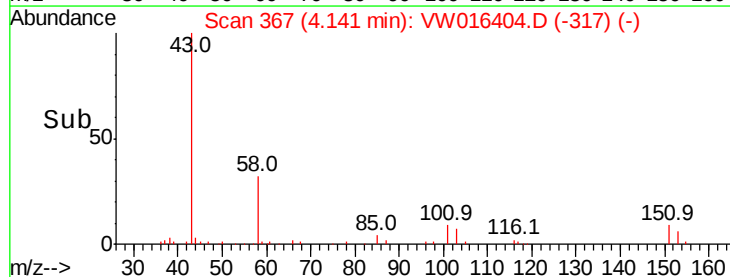
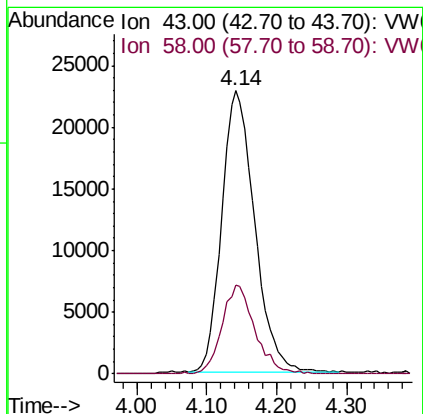
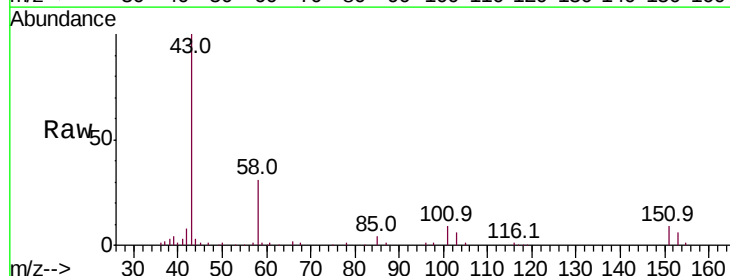
Acq: 31 Aug 2020 11:44

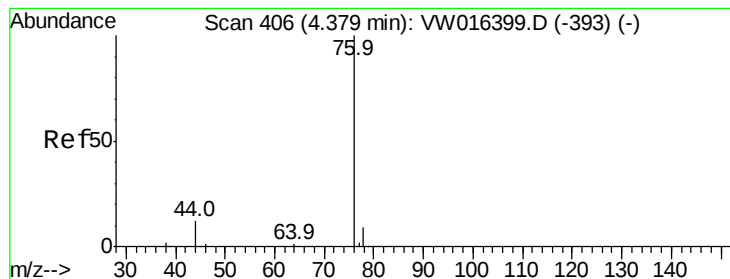
Tgt Ion: 43 Resp: 74058

Ion Ratio Lower Upper

43 100

58 31.4 26.6 39.8





#17

Carbon Disulfide

Concen: 54.427 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW016404.D

Acq: 31 Aug 2020 11:44

Instrument :

MSVOA_W

ClientSampleId :

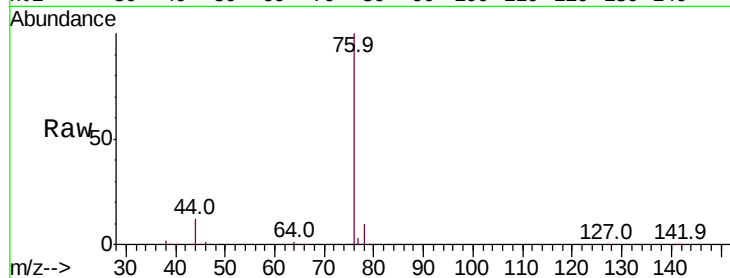
VSTDCCC050

Tot Ion: 76 Resp: 243946

Ion Ratio Lower Upper

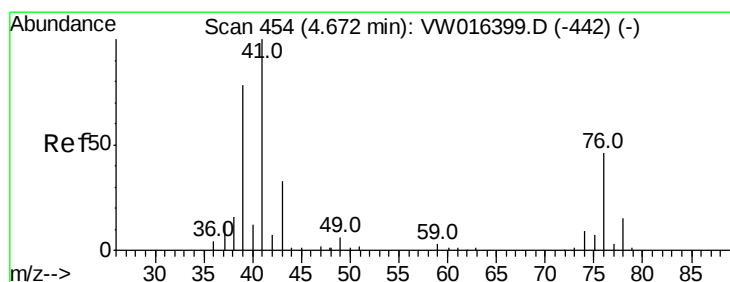
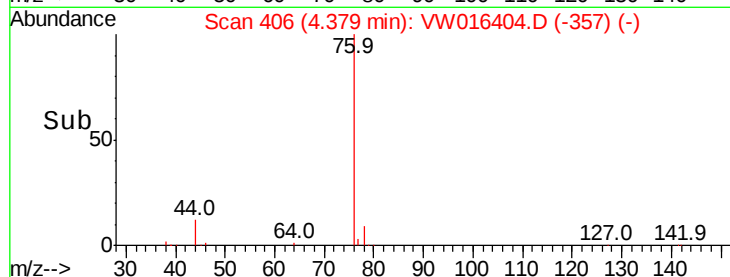
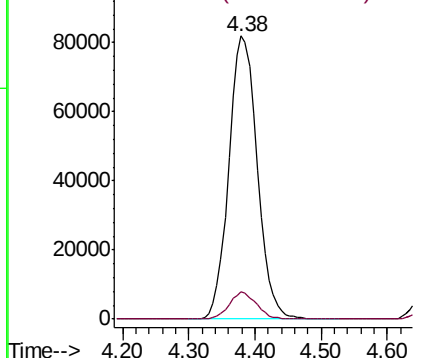
76 100

78 9.6 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 48.841 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW016404.D

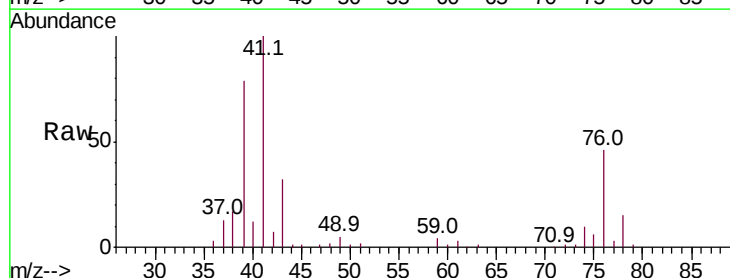
Acq: 31 Aug 2020 11:44

Tgt Ion: 43 Resp: 31758

Ion Ratio Lower Upper

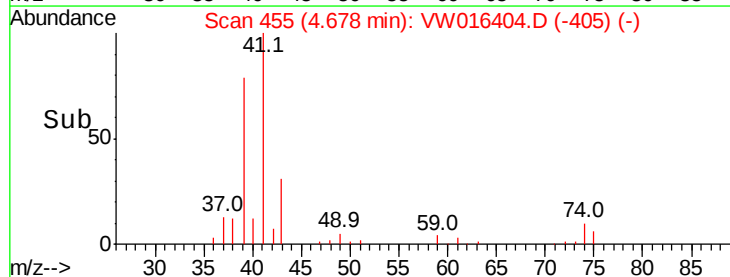
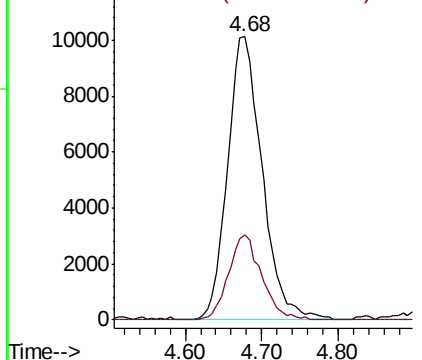
43 100

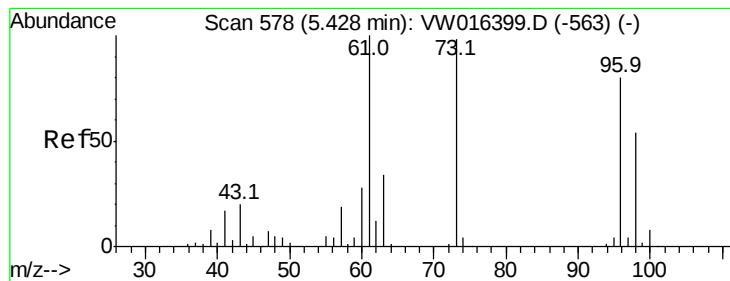
74 28.7 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



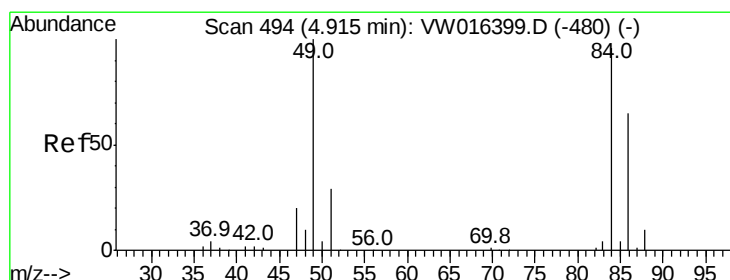
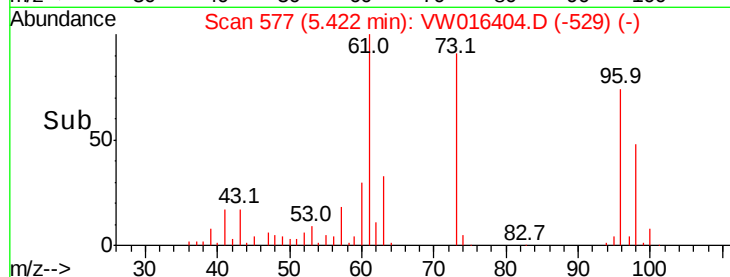
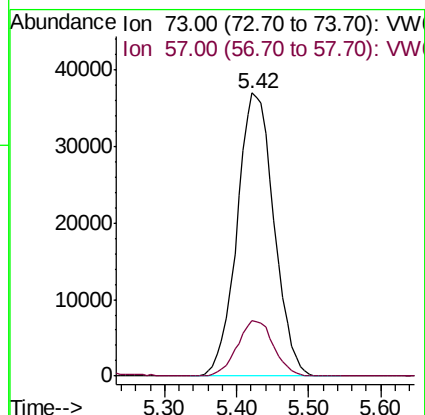
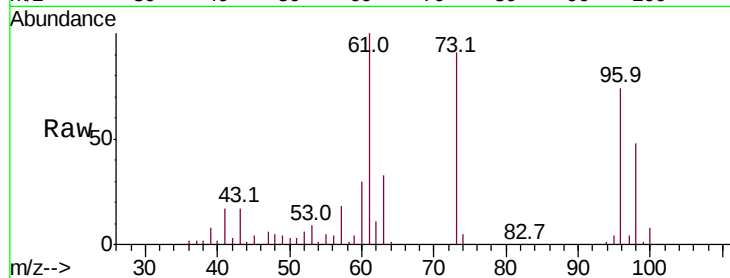


#19

Methyl tert-butyl Ether
 Concen: 53.842 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW016404.D
 Acq: 31 Aug 2020 11:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

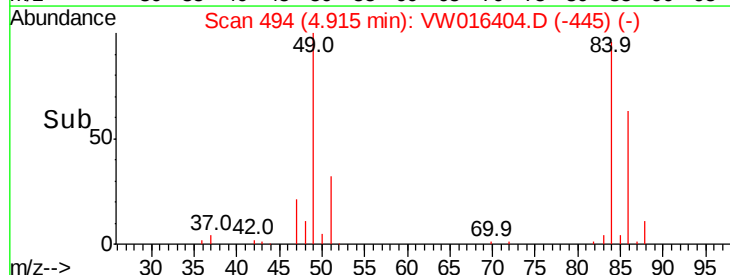
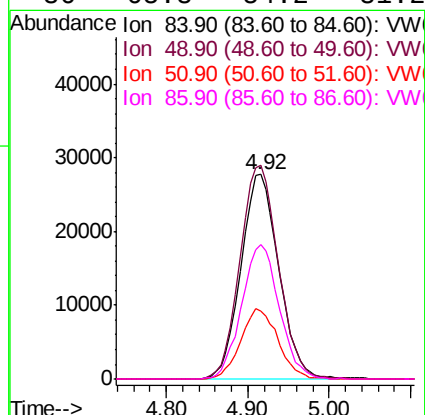
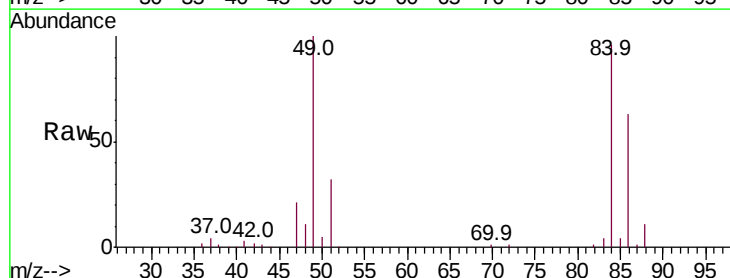
Tot Ion: 73 Resp: 131324
 Ion Ratio Lower Upper
 73 100
 57 19.7 15.0 22.6

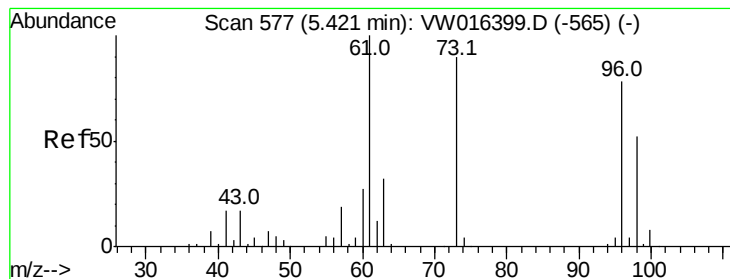


#20

Methylene Chloride
 Concen: 49.764 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW016404.D
 Acq: 31 Aug 2020 11:44

Tgt Ion: 84 Resp: 89474
 Ion Ratio Lower Upper
 84 100
 49 104.4 83.2 124.8
 51 33.4 24.4 36.6
 86 65.8 54.2 81.2





#21

trans-1,2-Dichloroethene

Concen: 52.899 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW016404.D

Acq: 31 Aug 2020 11:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

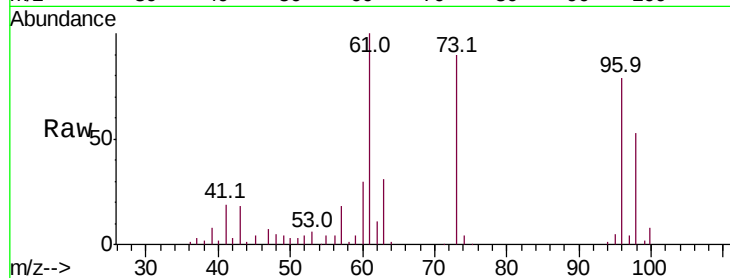
Tot Ion: 96 Resp: 94652

Ion Ratio Lower Upper

96 100

61 126.9 103.0 154.6

98 67.0 53.8 80.6

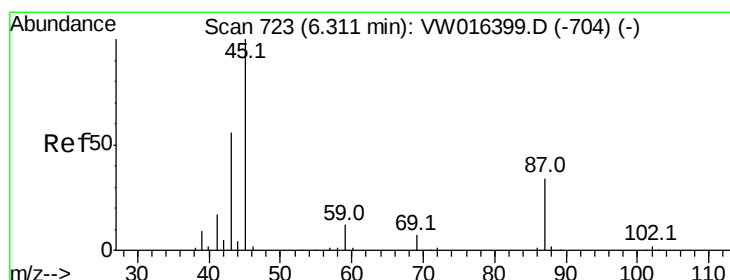
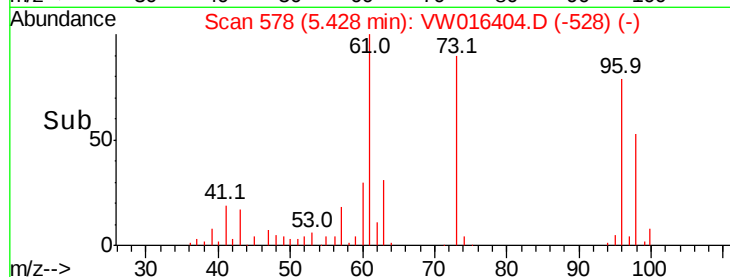
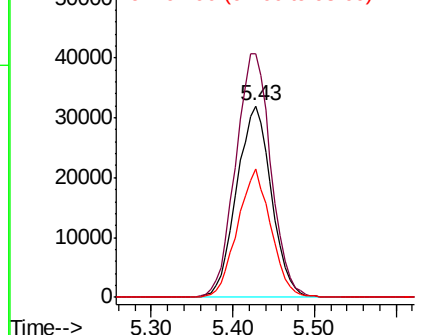


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 52.766 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW016404.D

Acq: 31 Aug 2020 11:44

Tgt Ion: 45 Resp: 208428

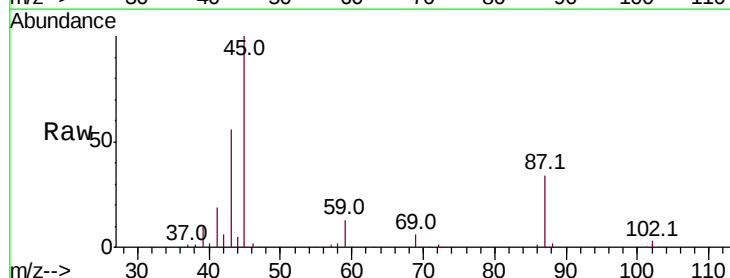
Ion Ratio Lower Upper

45 100

43 55.6 44.6 67.0

87 34.0 27.5 41.3

59 13.0 10.2 15.2



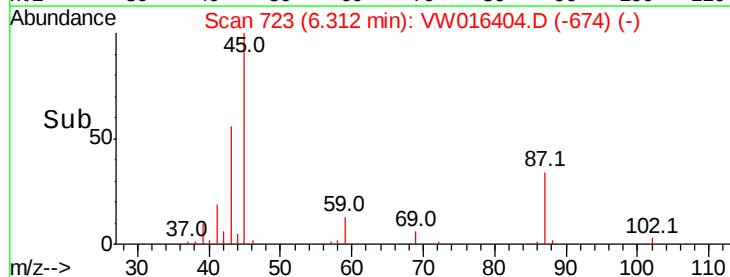
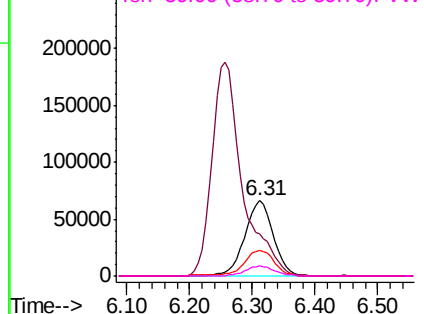
Abundance

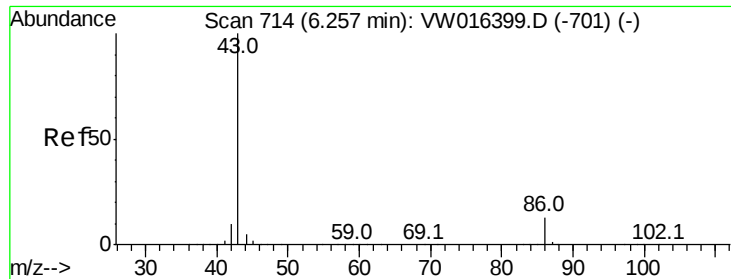
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW

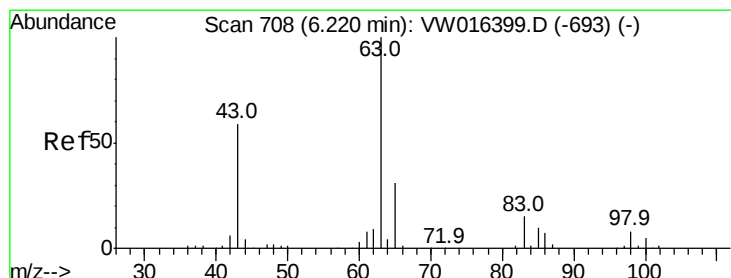
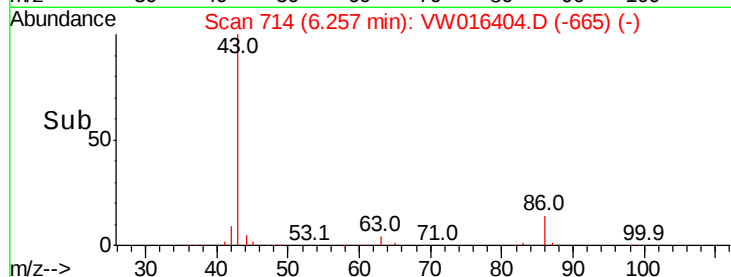
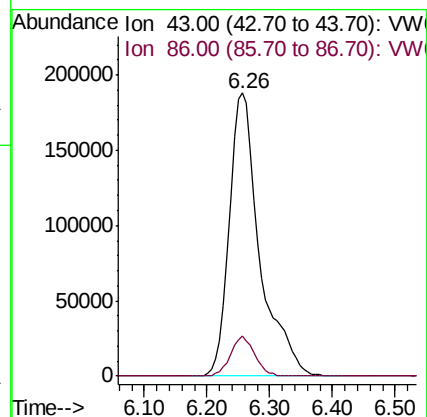
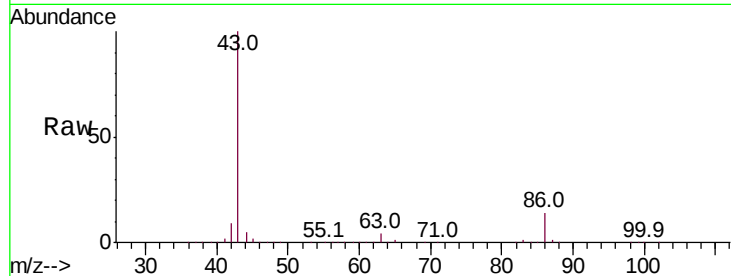




#23
 Vinyl Acetate
 Concen: 260.945 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: VW016404.D
 Acq: 31 Aug 2020 11:44

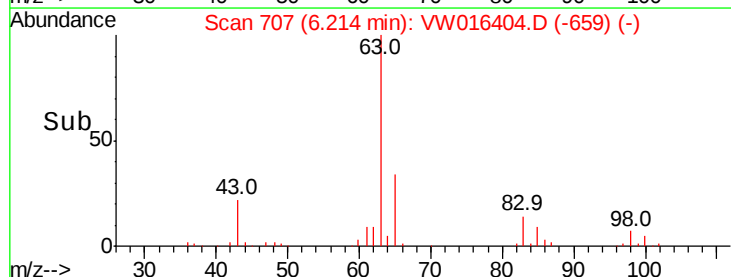
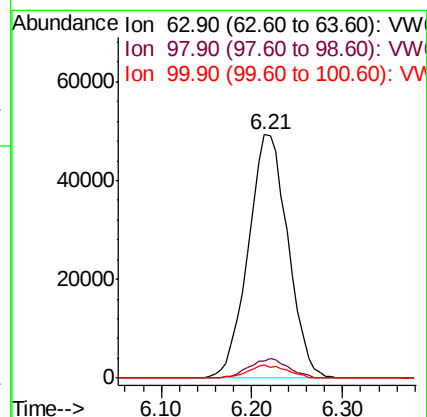
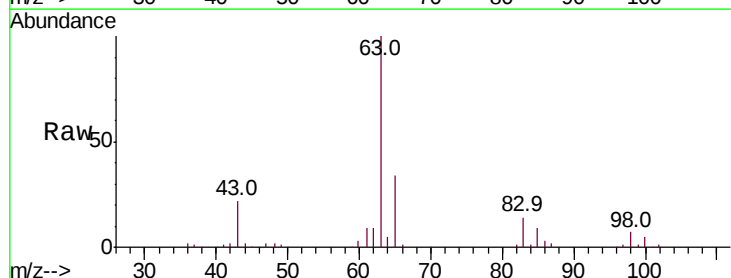
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

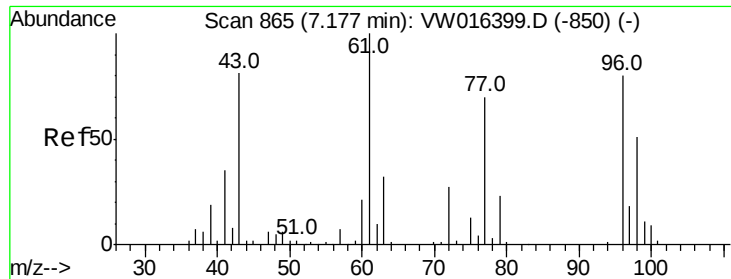
Tot Ion: 43 Resp: 631674
 Ion Ratio Lower Upper
 43 100
 86 14.0 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 52.455 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: VW016404.D
 Acq: 31 Aug 2020 11:44

Tgt Ion: 63 Resp: 149385
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.2
 100 5.3 2.5 7.5





#25

2-Butanone

Concen: 247.210 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW016404.D

Acq: 31 Aug 2020 11:44

Instrument :

MSVOA_W

ClientSampleId :

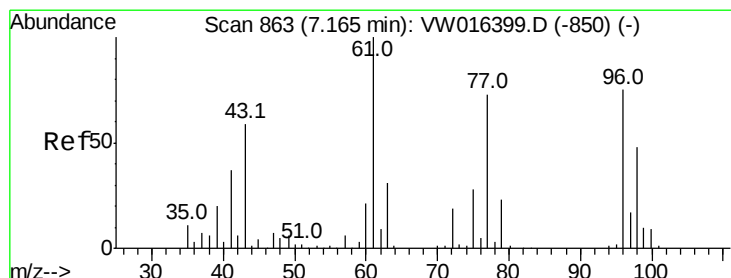
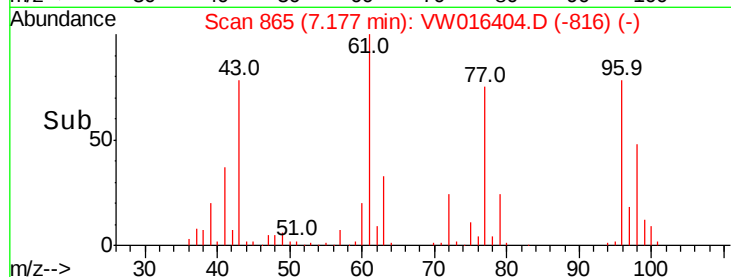
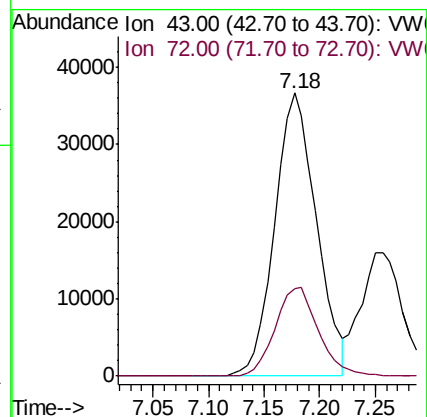
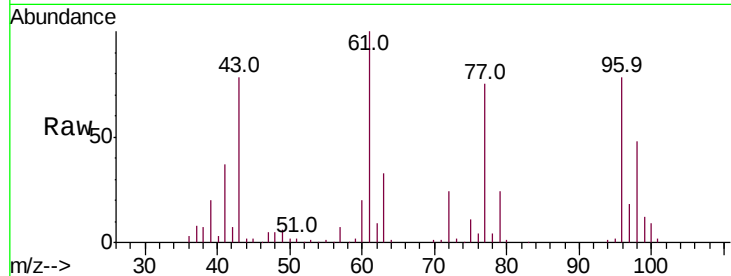
VSTDCCC050

Tot Ion: 43 Resp: 95643

Ion Ratio Lower Upper

43 100

72 30.8 26.7 40.1



#26

2,2-Dichloropropane

Concen: 53.325 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW016404.D

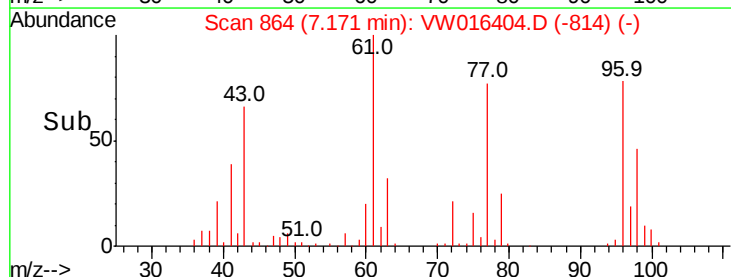
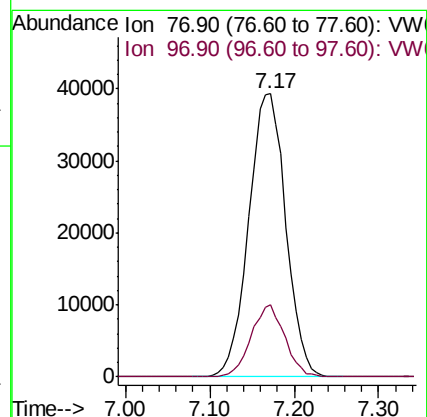
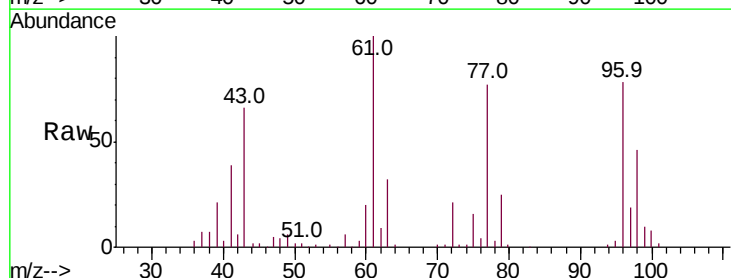
Acq: 31 Aug 2020 11:44

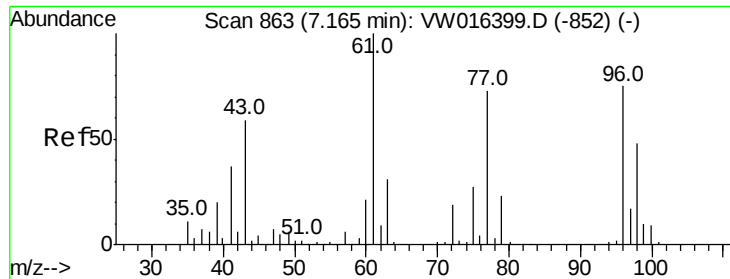
Tgt Ion: 77 Resp: 117288

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.0



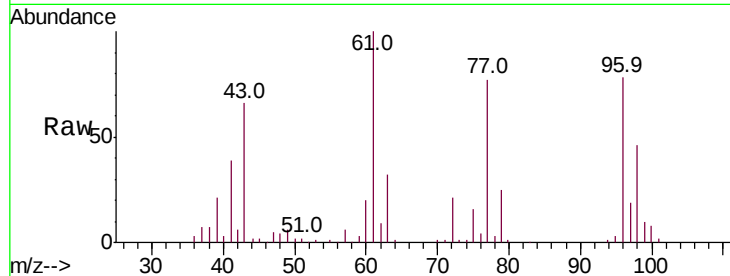


#27

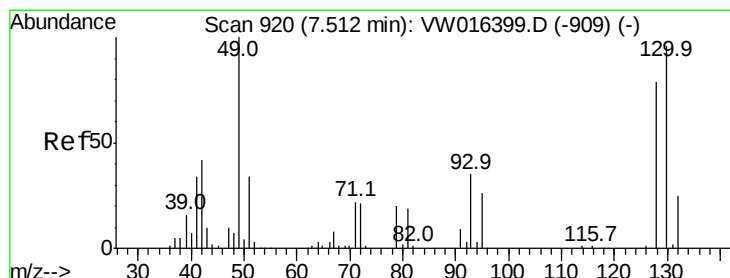
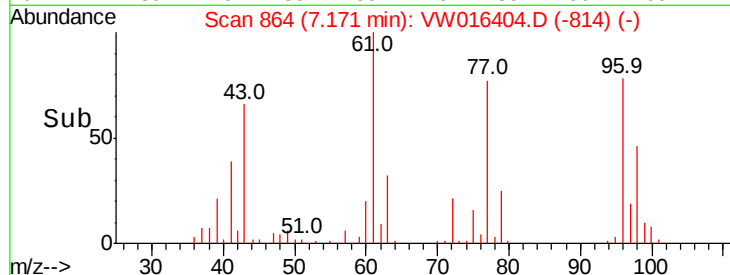
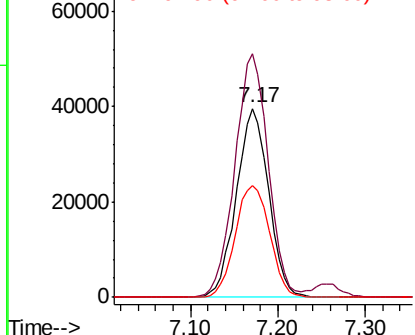
cis-1,2-Dichloroethene
Concen: 52.410 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	96	Resp	101601
Ion Ratio	Lower	Upper	
96	100		
61	133.1	0.0	268.6
98	63.1	0.0	130.0



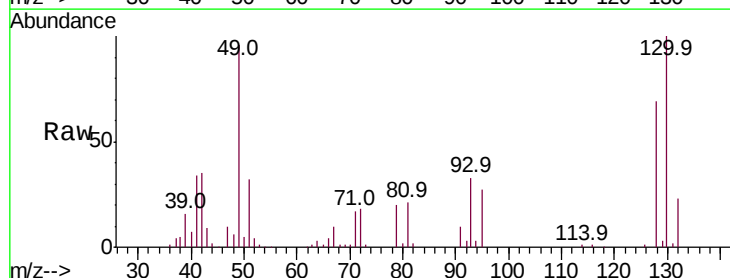
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



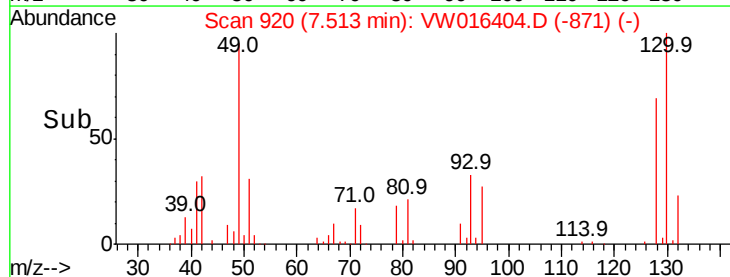
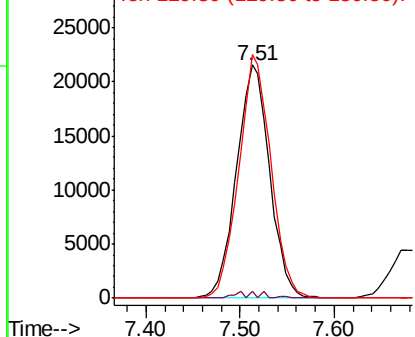
#28

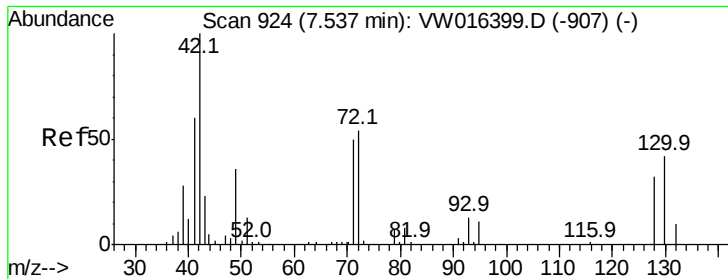
Bromochloromethane
Concen: 51.255 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

Tgt Ion	49	Resp	53021
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
49	100		
129	0.9	0.0	1.8
130	101.1	80.8	121.2



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

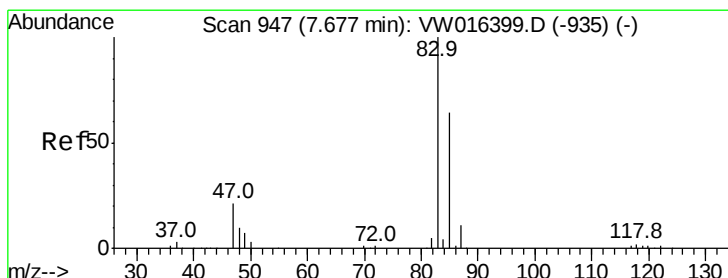
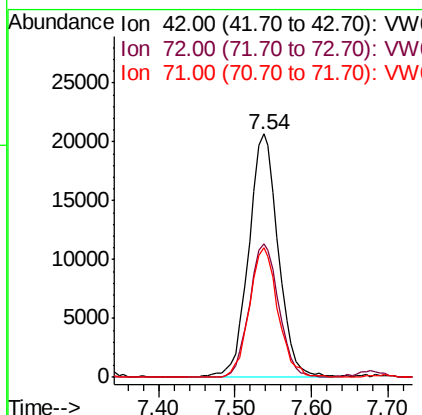
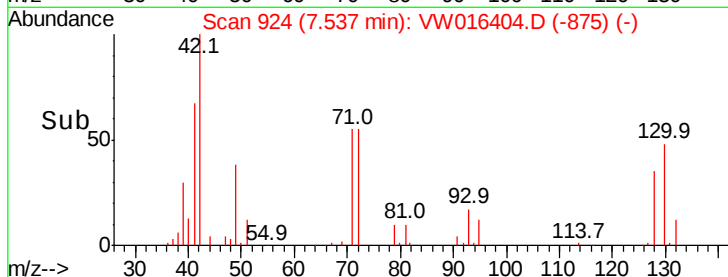
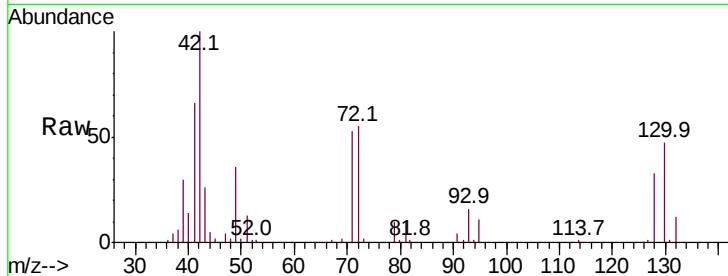




#29
Tetrahydrofuran
Concen: 241.551 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

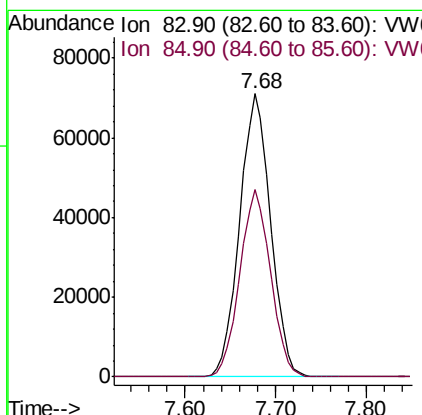
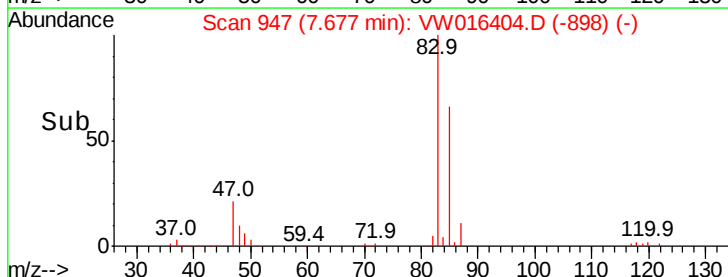
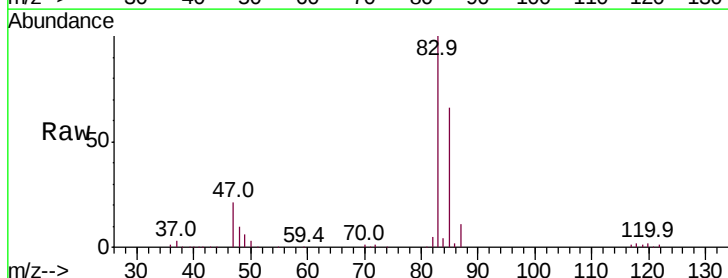
Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

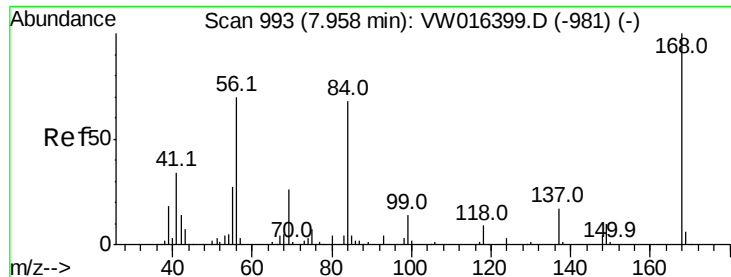
Tot Ion: 42 Resp: 55788
Ion Ratio Lower Upper
42 100
72 54.6 42.3 63.5
71 51.5 39.5 59.3



#30
Chloroform
Concen: 53.073 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

Tgt Ion: 83 Resp: 167897
Ion Ratio Lower Upper
83 100
85 66.2 51.6 77.4

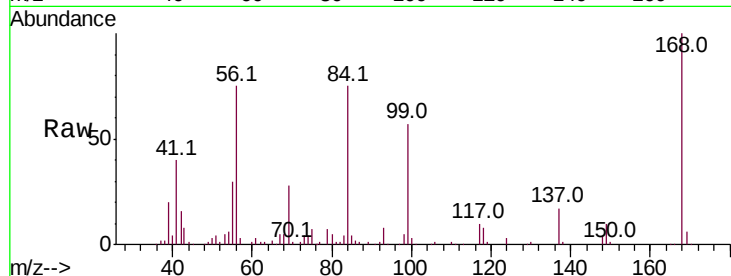




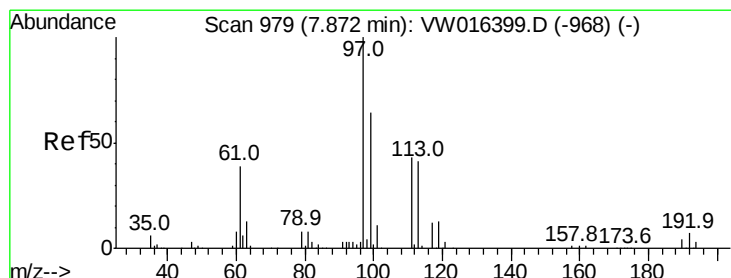
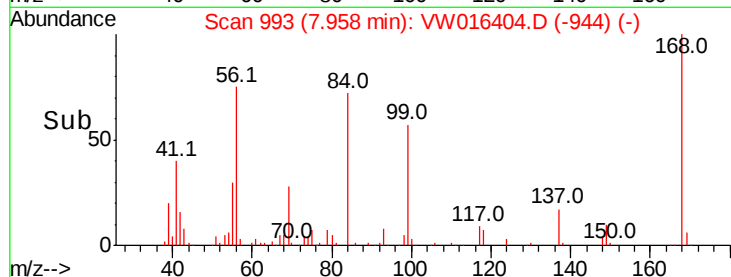
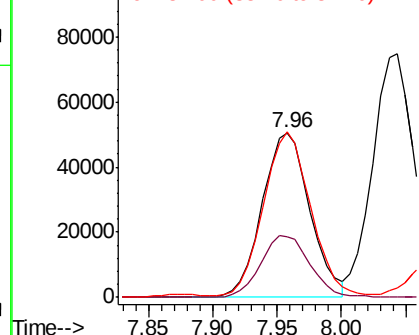
#31
Cyclohexane
Concen: 49.806 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 129997
Ion Ratio Lower Upper
56 100
69 37.0 30.0 45.0
84 98.5 77.4 116.2

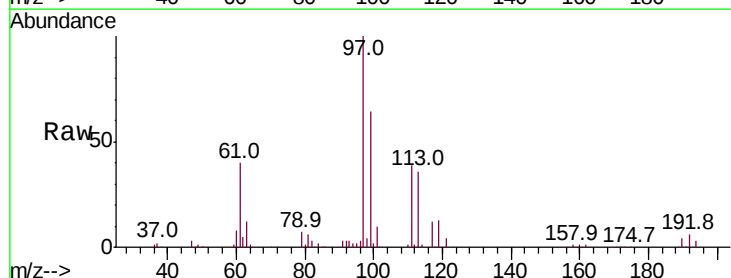


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

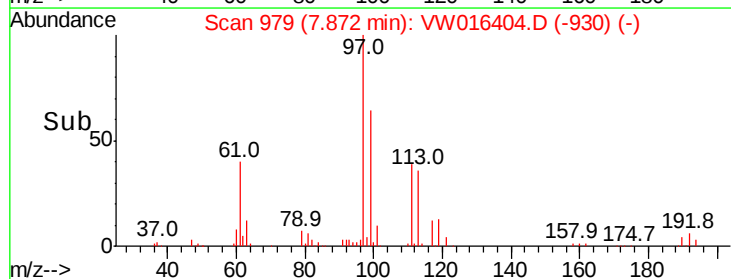
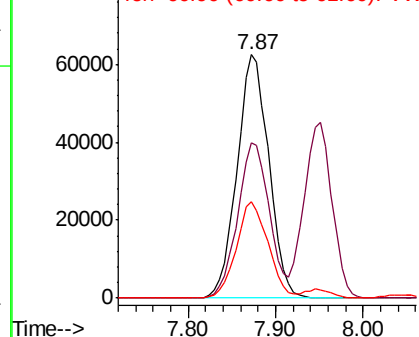


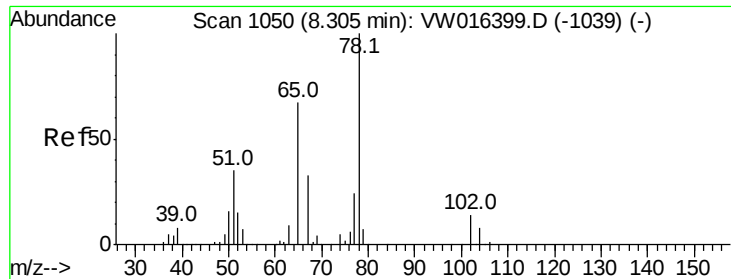
#32
1,1,1-Trichloroethane
Concen: 55.287 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

Tgt Ion: 97 Resp: 157513
Ion Ratio Lower Upper
97 100
99 64.4 52.0 78.0
61 39.8 31.0 46.6



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

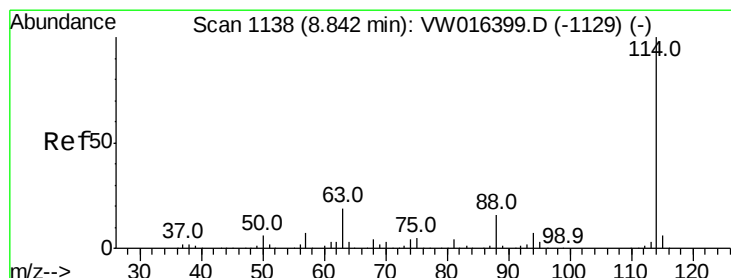
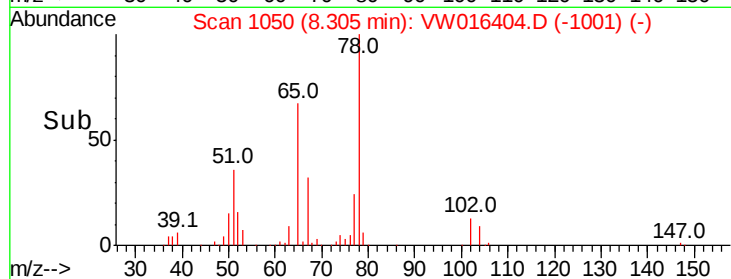
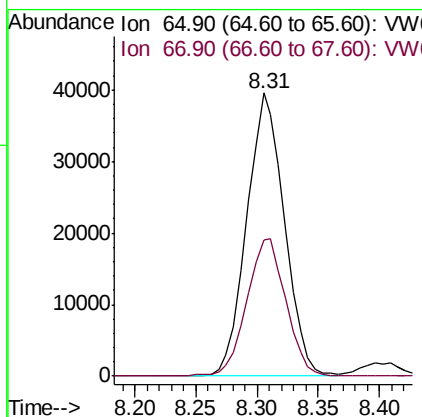
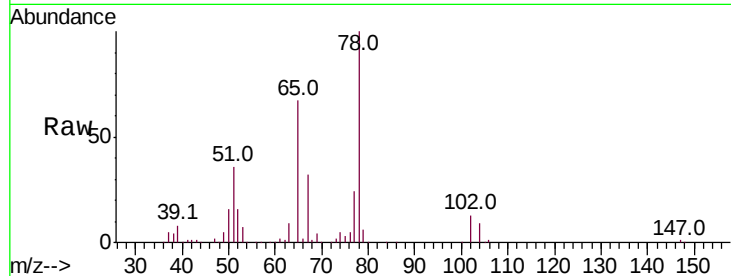




#33
 1,2-Dichloroethane-d4
 Concen: 50.382 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW016404.D
 Acq: 31 Aug 2020 11:44

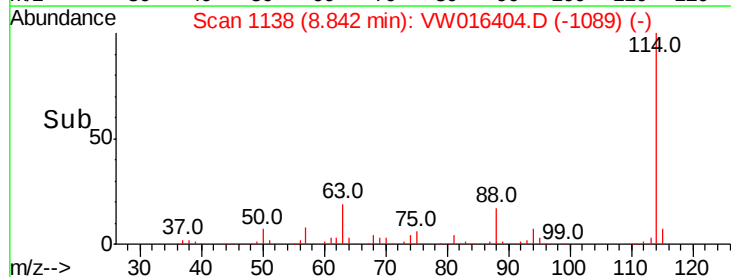
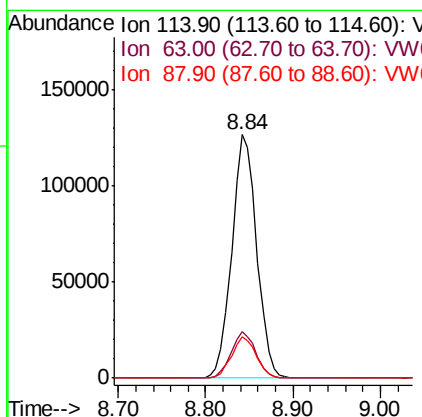
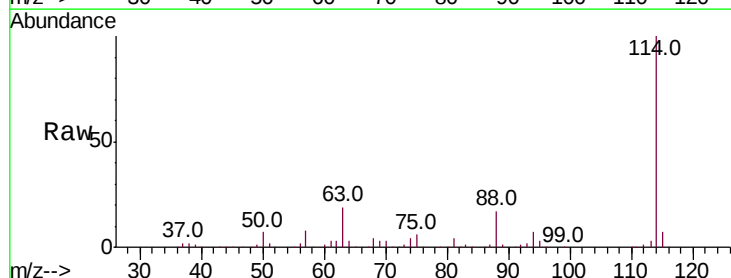
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

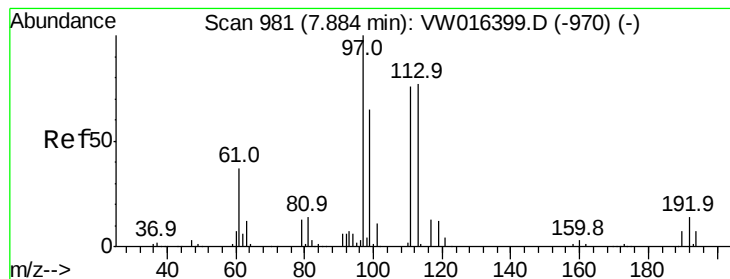
Tot Ion: 65 Resp: 84603
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW016404.D
 Acq: 31 Aug 2020 11:44

Tgt Ion: 114 Resp: 249733
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.8
 88 17.0 0.0 31.2





#35

Dibromofluoromethane

Concen: 51.973 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW016404.D

Acq: 31 Aug 2020 11:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

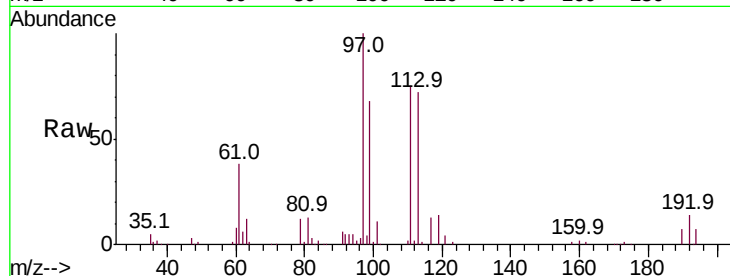
Tot Ion:113 Resp: 82157

Ion Ratio Lower Upper

113 100

111 104.5 82.1 123.1

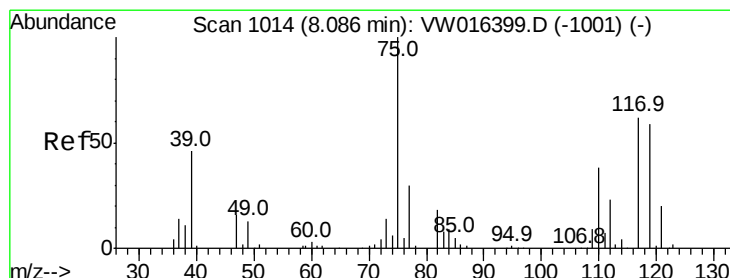
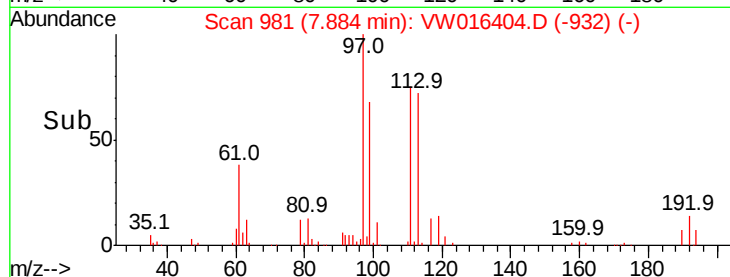
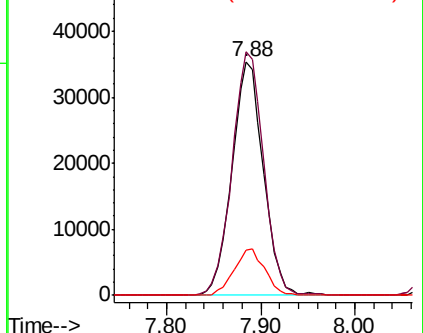
192 19.5 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 55.646 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW016404.D

Acq: 31 Aug 2020 11:44

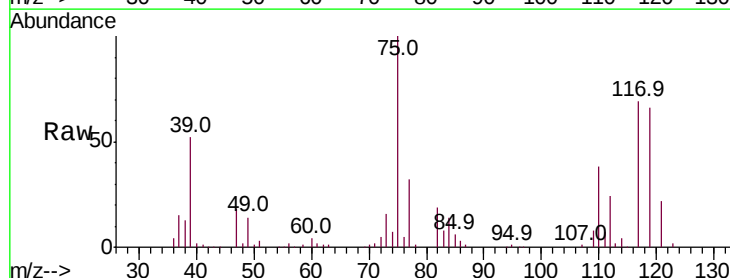
Tgt Ion: 75 Resp: 132251

Ion Ratio Lower Upper

75 100

110 36.9 18.6 56.0

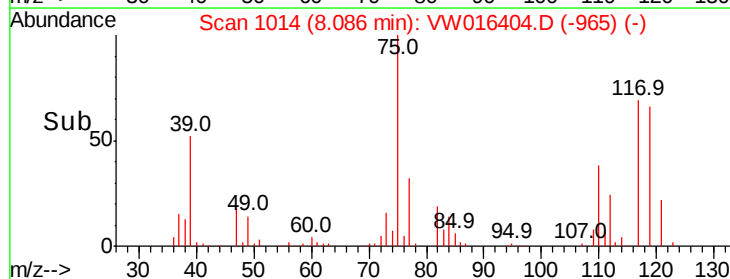
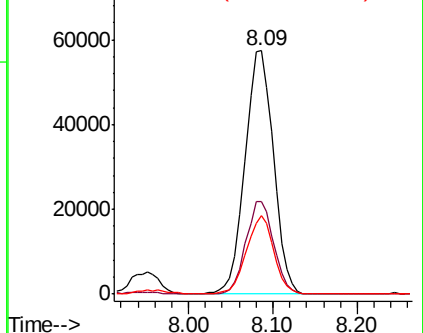
77 30.8 25.1 37.7

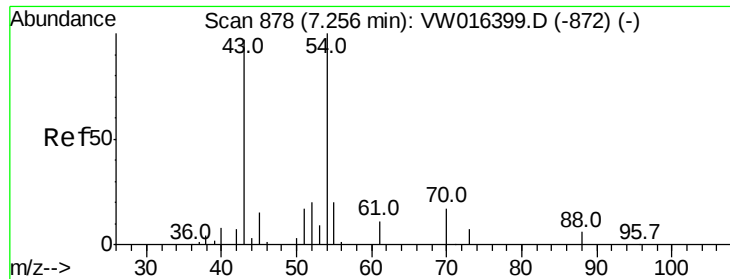


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

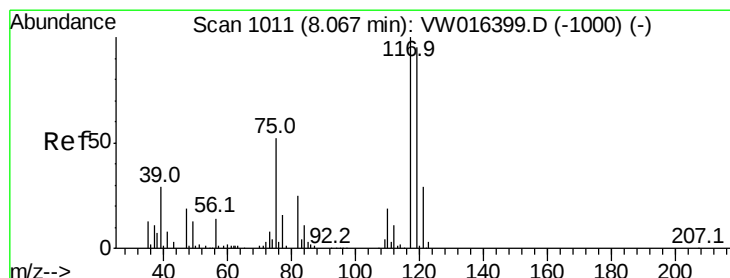
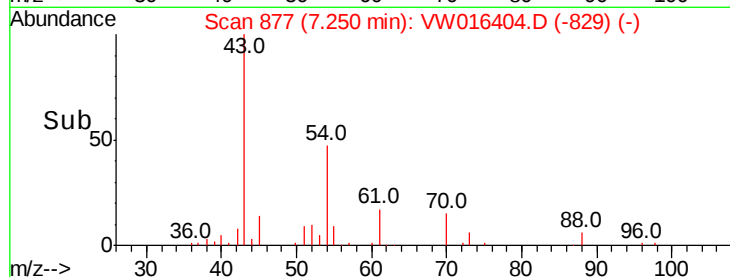
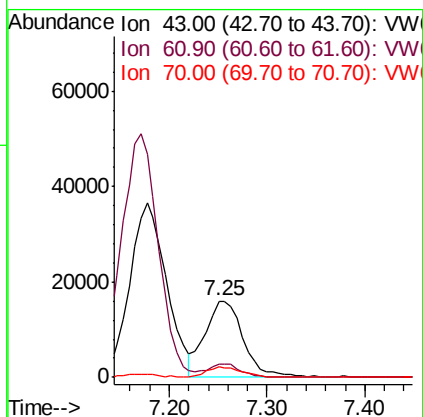
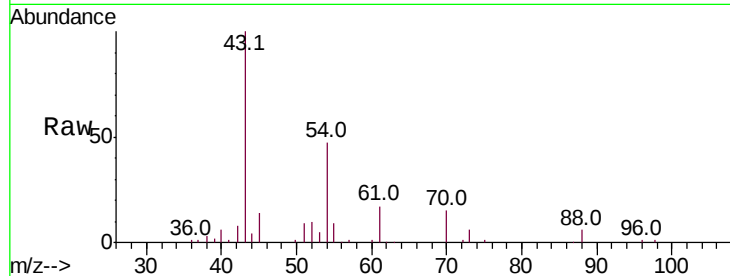




#37
Ethyl Acetate
Concen: 53.303 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

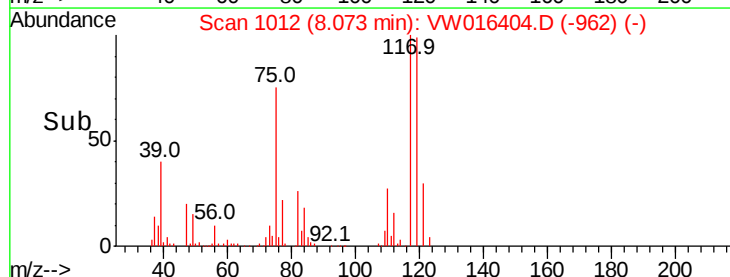
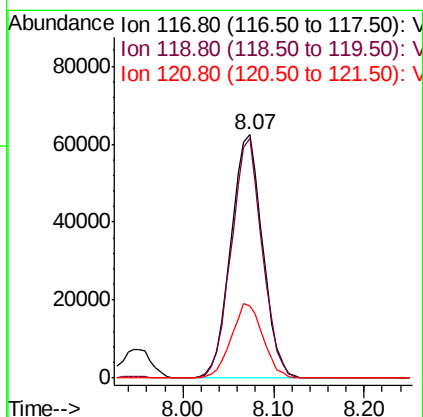
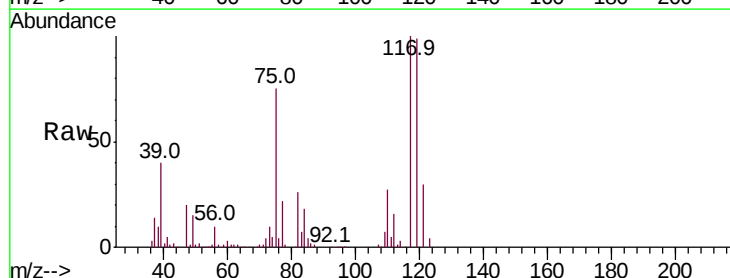
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

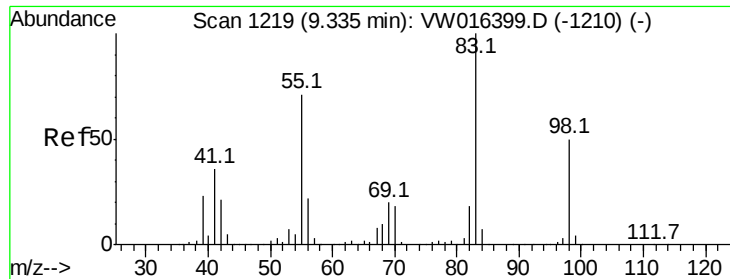
Tot Ion: 43 Resp: 42916
Ion Ratio Lower Upper
43 100
61 15.5 11.5 17.3
70 13.1 10.7 16.1



#38
Carbon Tetrachloride
Concen: 58.119 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

Tgt Ion: 117 Resp: 151357
Ion Ratio Lower Upper
117 100
119 98.7 76.3 114.5
121 29.8 23.0 34.6

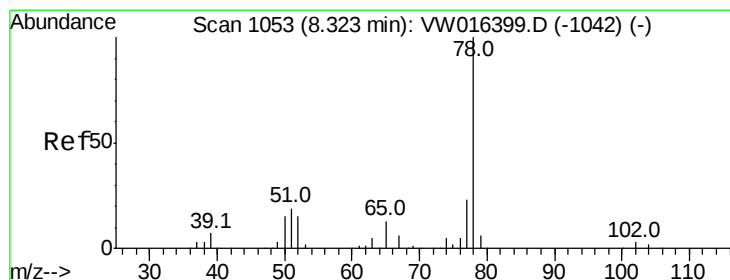
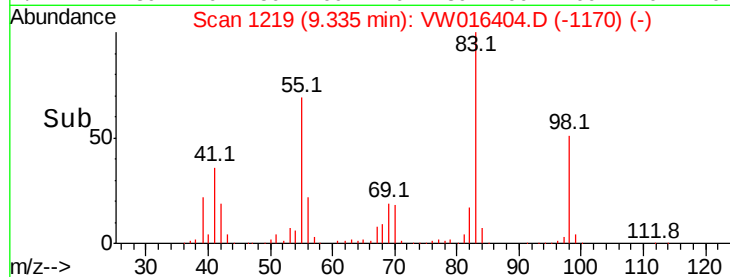
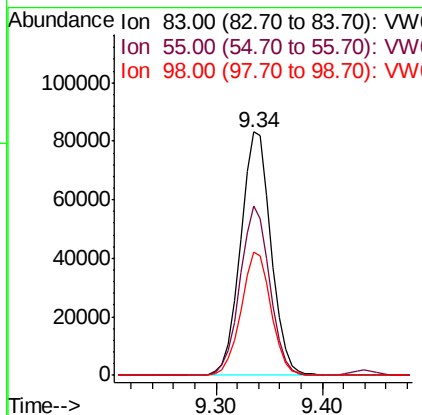
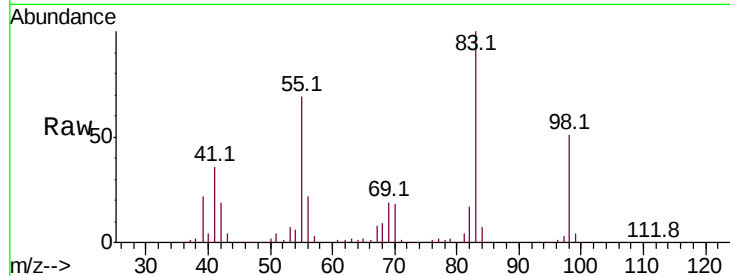




#39
Methvlcvclohexane
Concen: 57.962 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

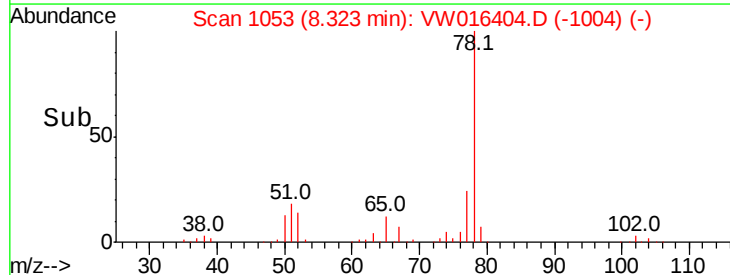
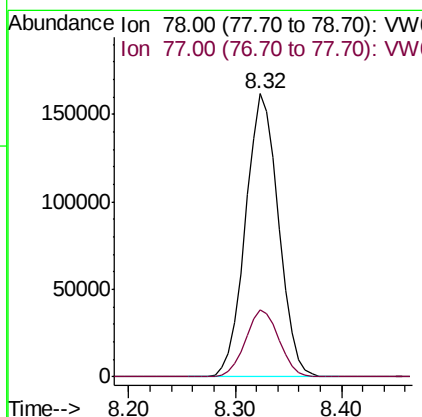
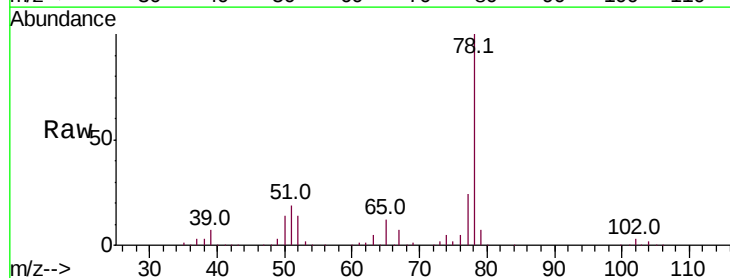
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

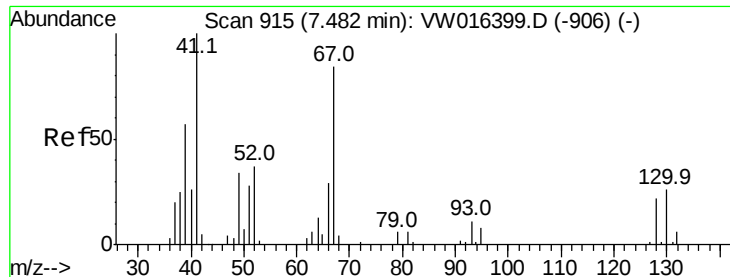
Tot Ion: 83 Resp: 166797
Ion Ratio Lower Upper
83 100
55 69.4 57.0 85.6
98 50.9 39.9 59.9



#40
Benzene
Concen: 55.562 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

Tgt Ion: 78 Resp: 353531
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8





#41

Methacrylonitrile

Concen: 52.160 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW016404.D

Acq: 31 Aug 2020 11:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 24180

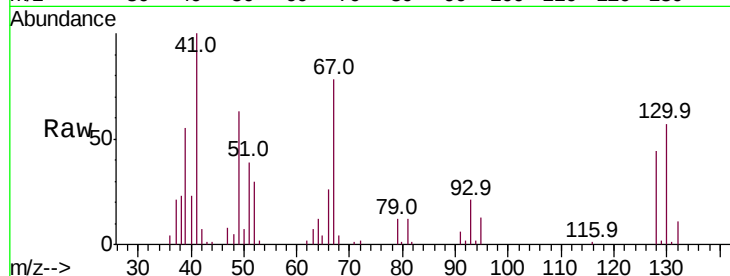
Ion Ratio Lower Upper

41 100

39 62.1 45.4 68.2

67 85.3 65.8 98.6

52 34.4 27.8 41.8



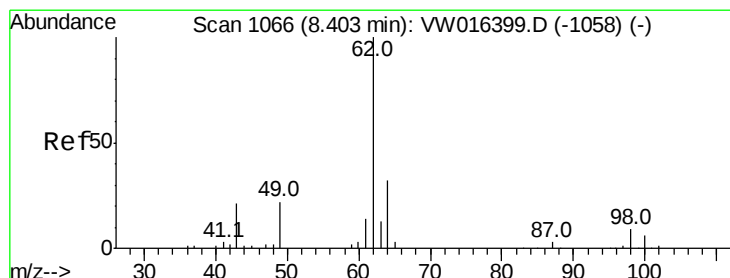
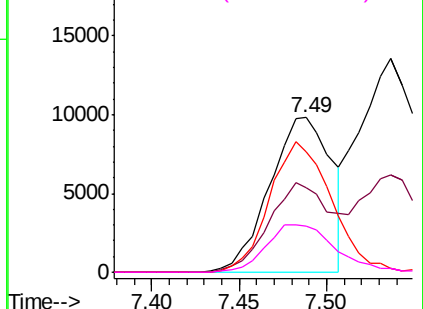
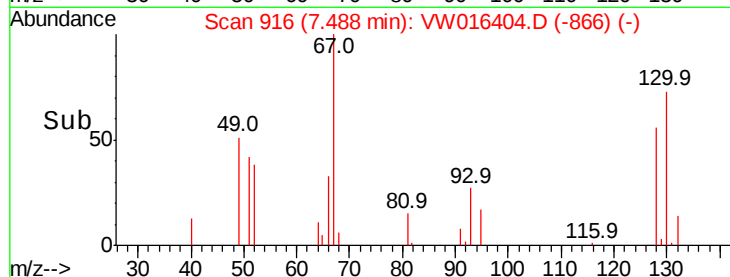
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 55.638 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW016404.D

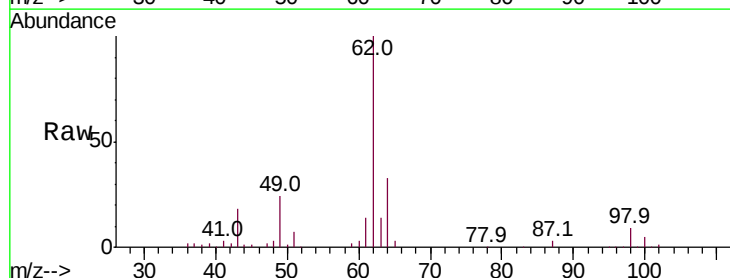
Acq: 31 Aug 2020 11:44

Tgt Ion: 62 Resp: 107984

Ion Ratio Lower Upper

62 100

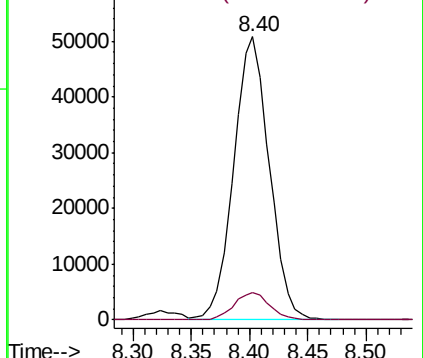
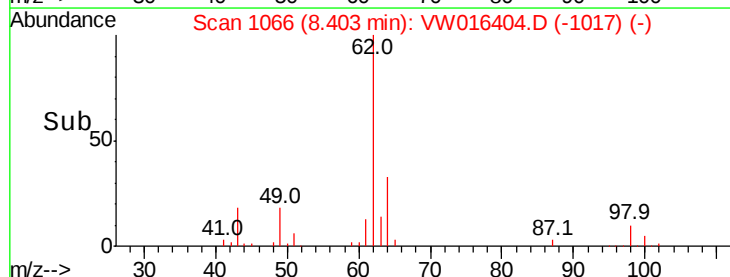
98 9.6 0.0 19.8

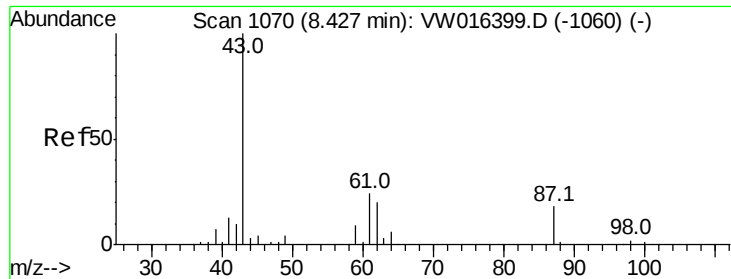


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 51.257 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW016404.D

Acq: 31 Aug 2020 11:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

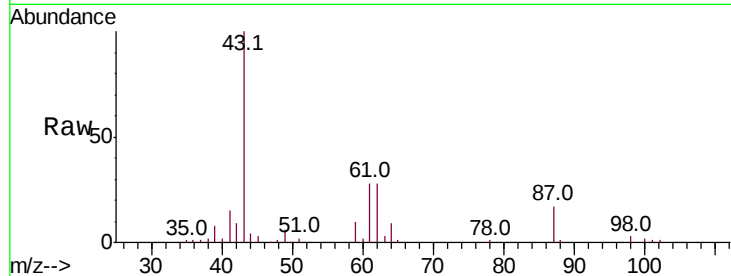
Tot Ion: 43 Resp: 82357

Ion Ratio Lower Upper

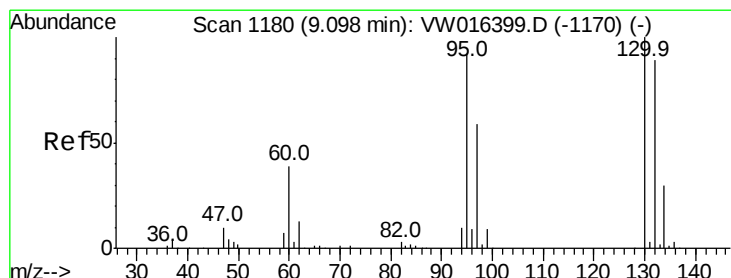
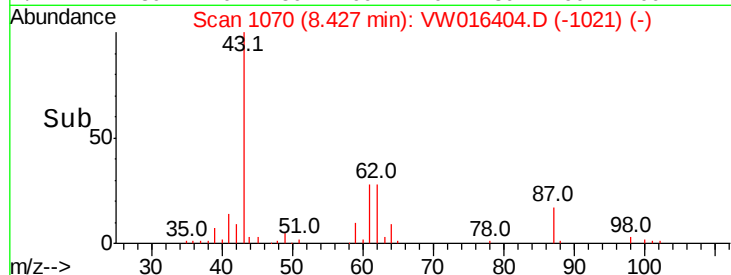
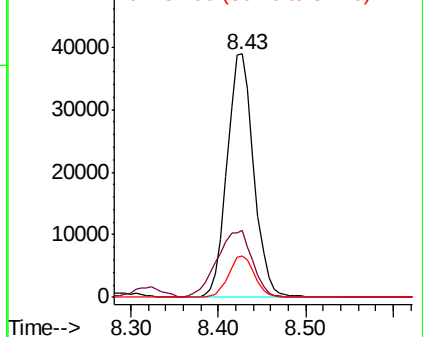
43 100

61 36.2 27.5 41.3

87 16.8 13.5 20.3



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 54.655 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW016404.D

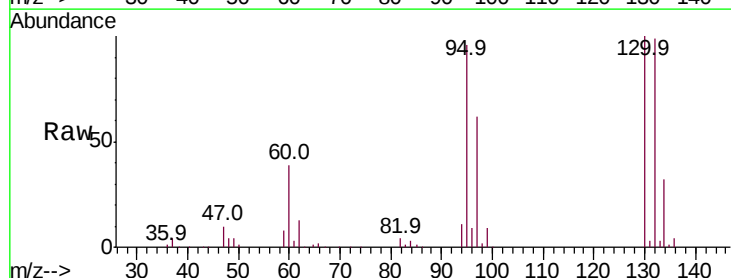
Acq: 31 Aug 2020 11:44

Tgt Ion: 130 Resp: 104055

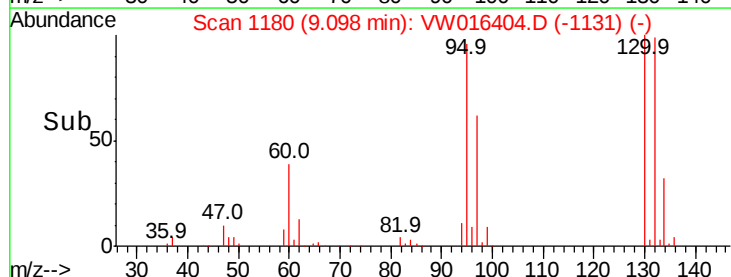
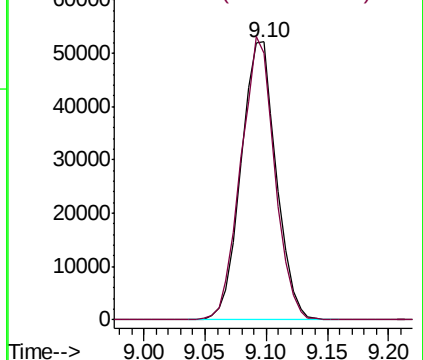
Ion Ratio Lower Upper

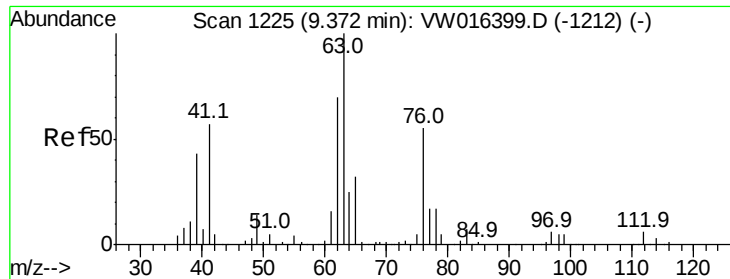
130 100

95 96.0 0.0 183.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW

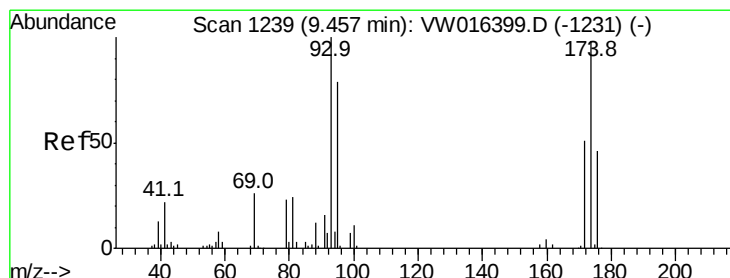
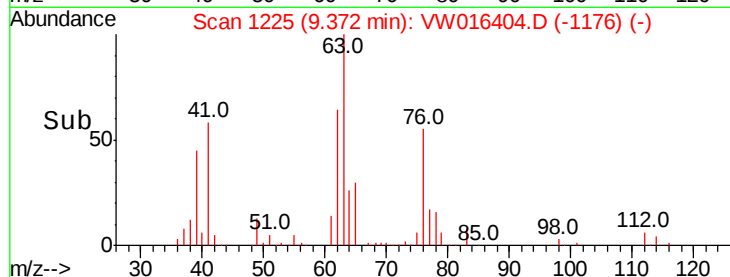
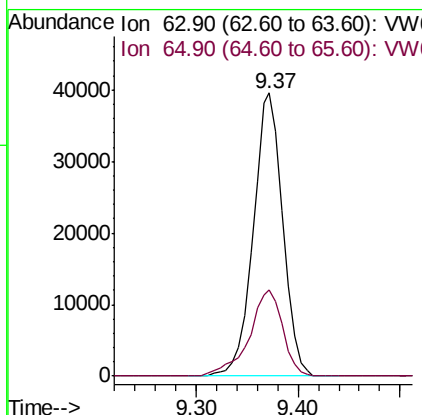
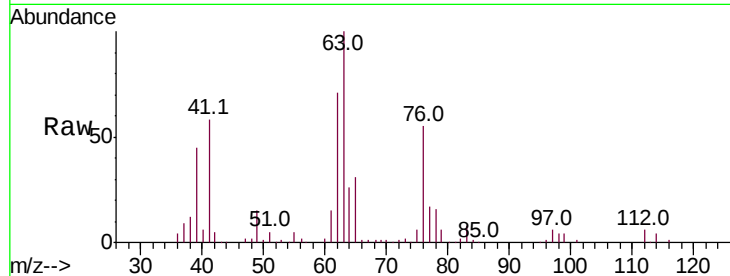




#45
 1,2-Dichloropropane
 Concen: 53.917 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016404.D
 Acq: 31 Aug 2020 11:44

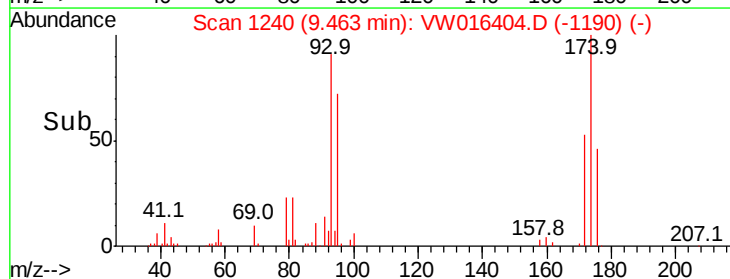
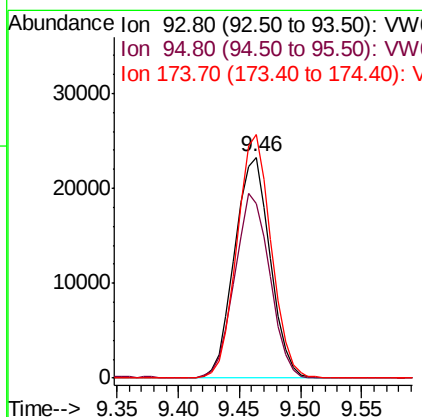
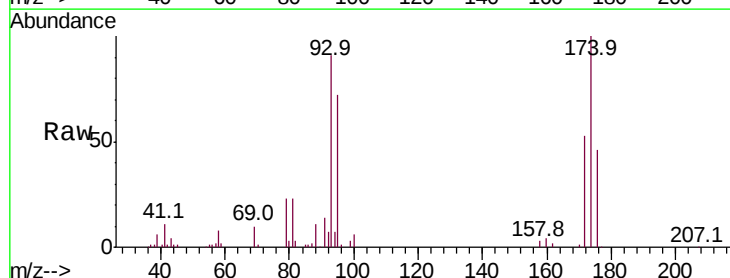
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

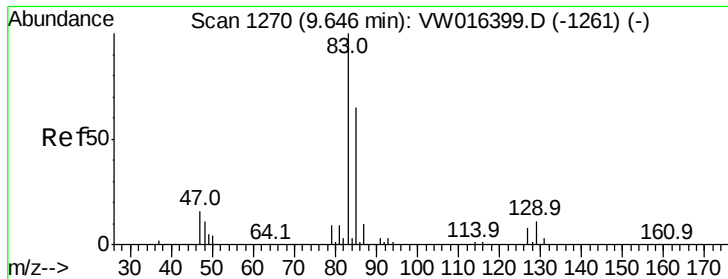
Tot Ion: 63 Resp: 79587
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.4 38.0



#46
 Dibromomethane
 Concen: 53.485 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: VW016404.D
 Acq: 31 Aug 2020 11:44

Tgt Ion: 93 Resp: 46907
 Ion Ratio Lower Upper
 93 100
 95 82.7 65.3 97.9
 174 106.4 80.1 120.1





#47

Bromodichloromethane

Concen: 55.702 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW016404.D

Acq: 31 Aug 2020 11:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

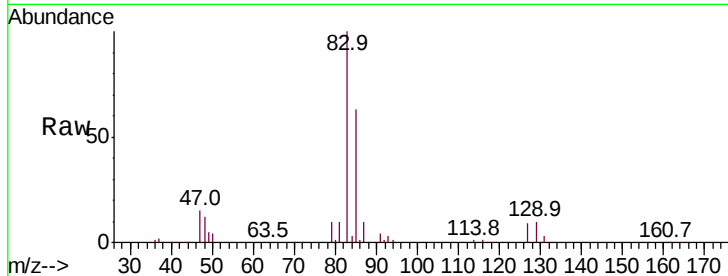
Tot Ion: 83 Resp: 125990

Ion Ratio Lower Upper

83 100

85 63.4 52.2 78.2

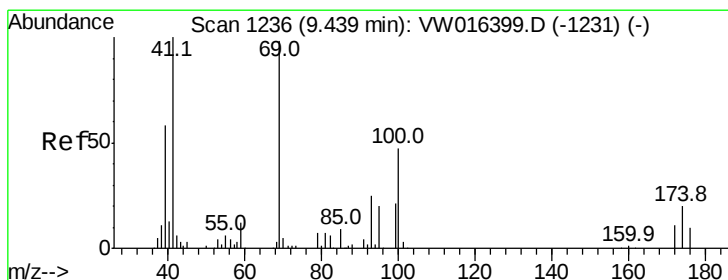
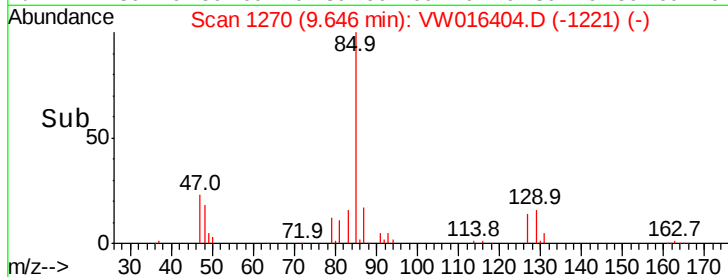
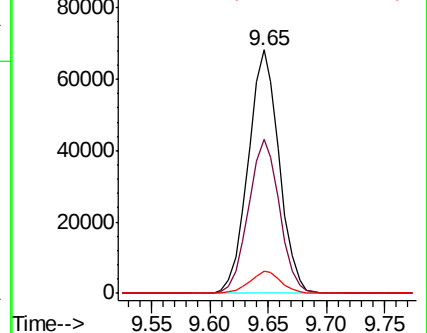
127 9.2 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 54.990 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW016404.D

Acq: 31 Aug 2020 11:44

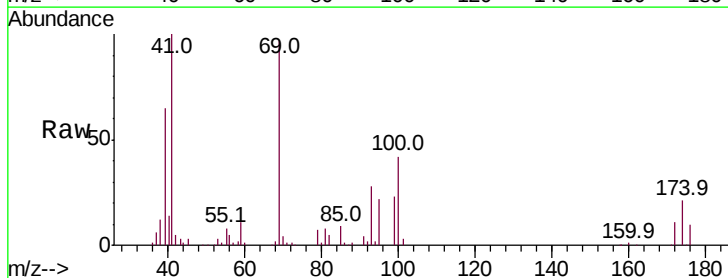
Tgt Ion: 41 Resp: 42125

Ion Ratio Lower Upper

41 100

69 94.4 83.5 125.3

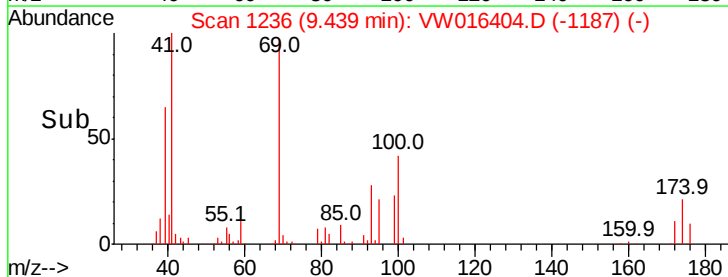
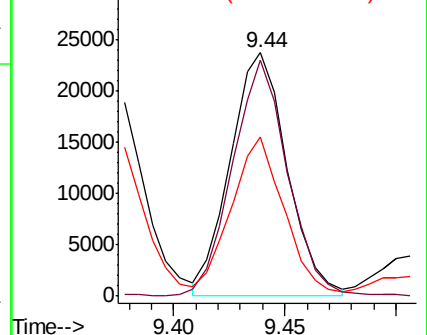
39 57.5 48.7 73.1

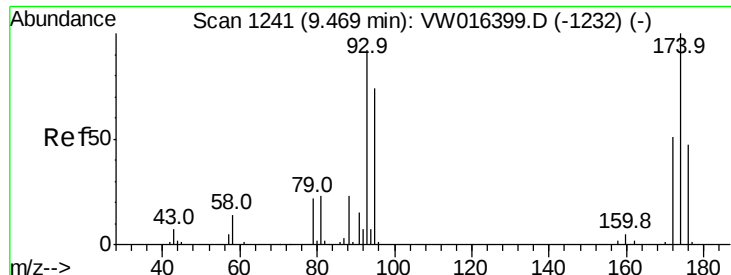


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

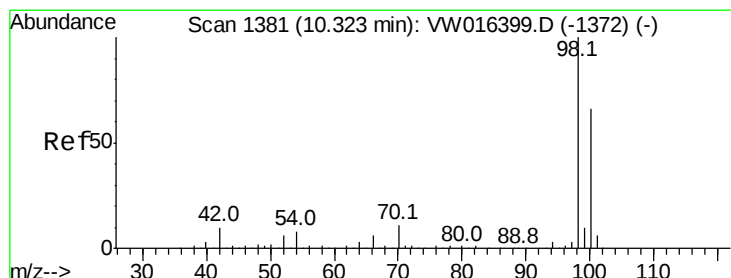
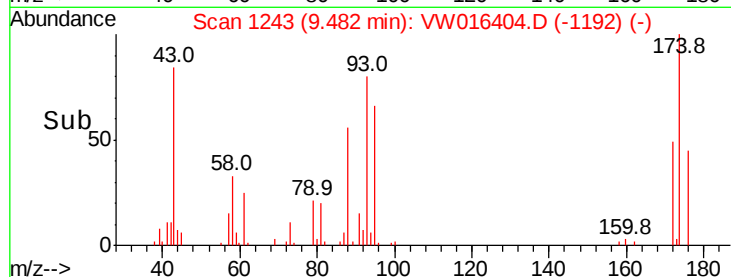
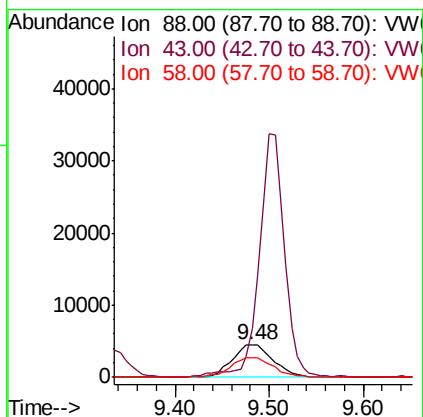
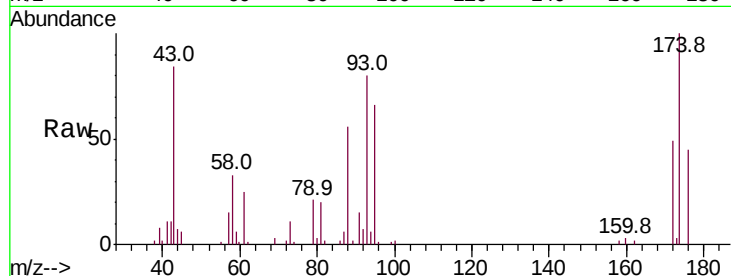




#49
1,4-Dioxane
Concen: 1136.937 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

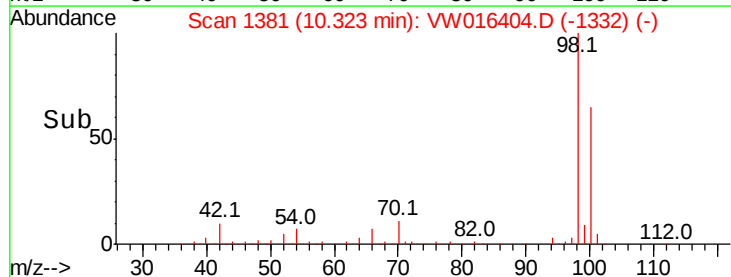
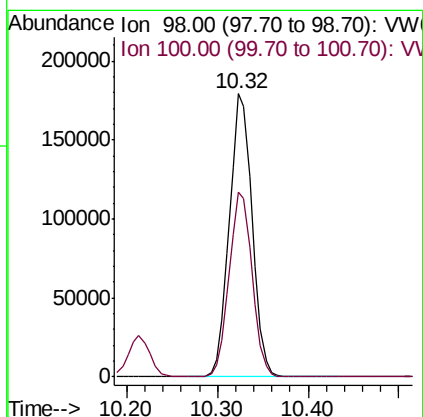
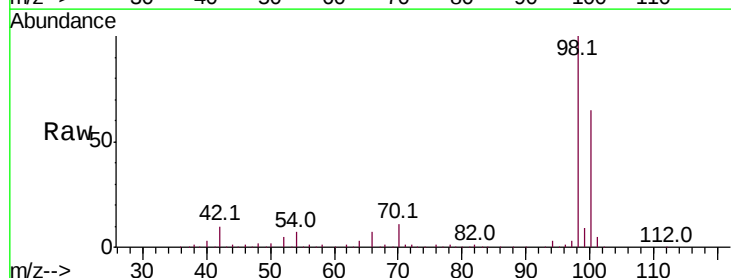
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

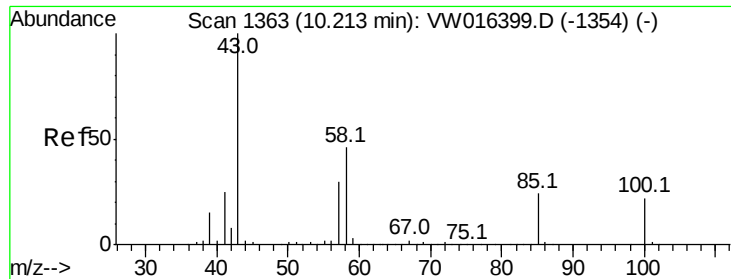
Tot Ion: 88 Resp: 13582
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 65.3 53.5 80.3



#50
Toluene-d8
Concen: 52.713 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

Tgt Ion: 98 Resp: 312023
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 260.665 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016404.D

Acq: 31 Aug 2020 11:44

Instrument :

MSVOA_W

ClientSampleId :

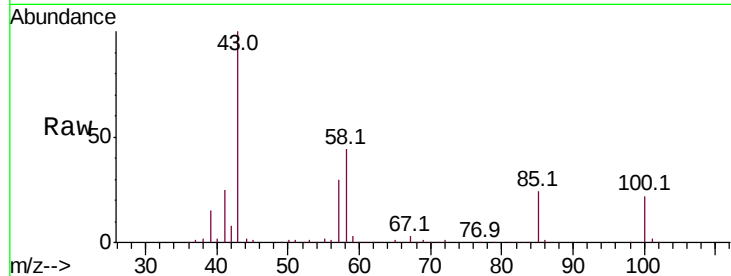
VSTDCCC050

Tot Ion: 43 Resp: 207092

Ion Ratio Lower Upper

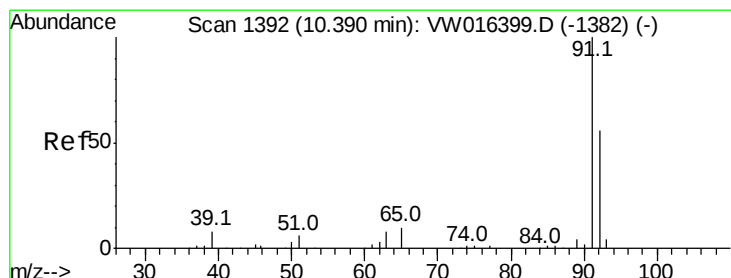
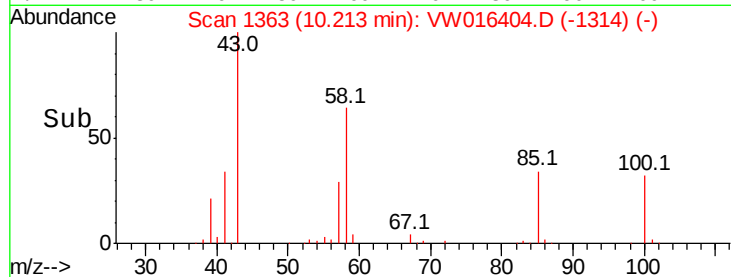
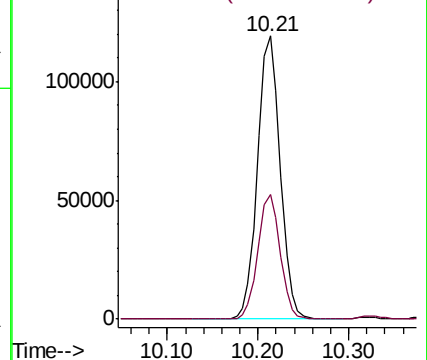
43 100

58 43.3 35.4 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 55.869 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016404.D

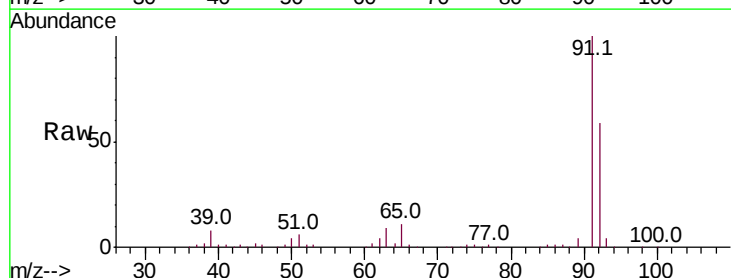
Acq: 31 Aug 2020 11:44

Tgt Ion: 92 Resp: 238343

Ion Ratio Lower Upper

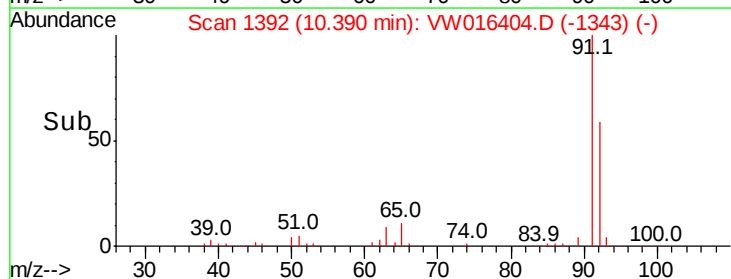
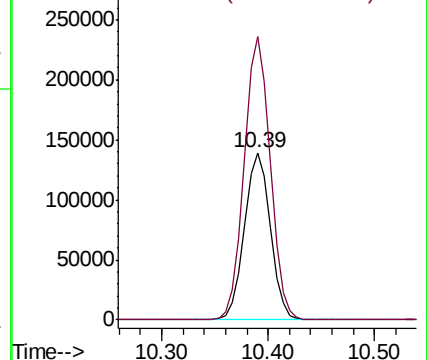
92 100

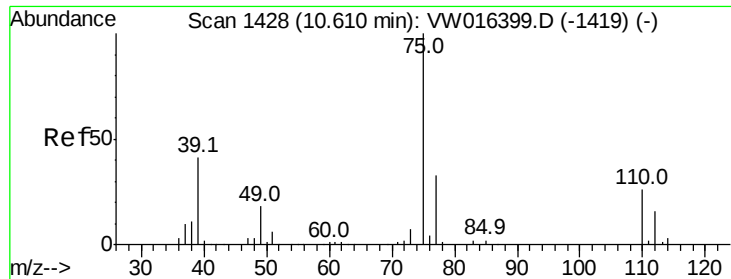
91 170.5 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

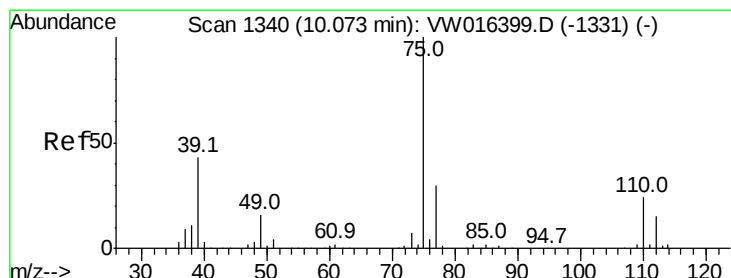
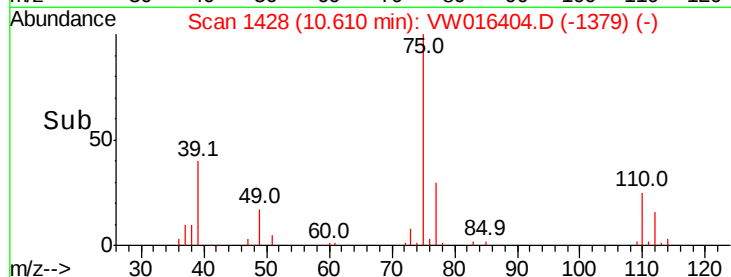
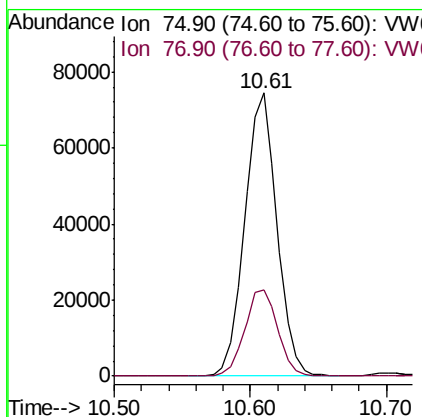
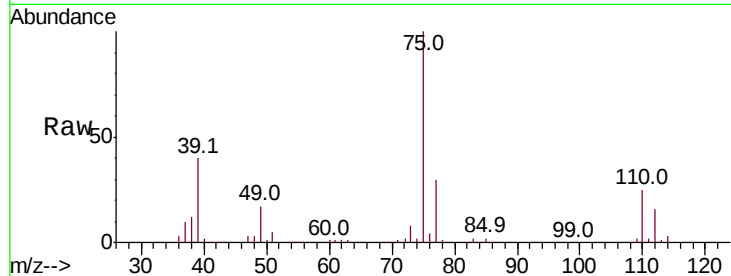




#53
t-1,3-Dichloropropene
Concen: 56.001 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

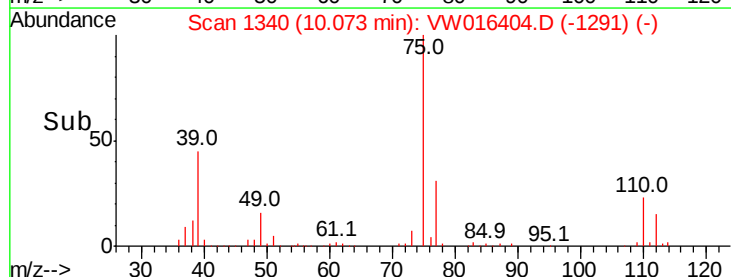
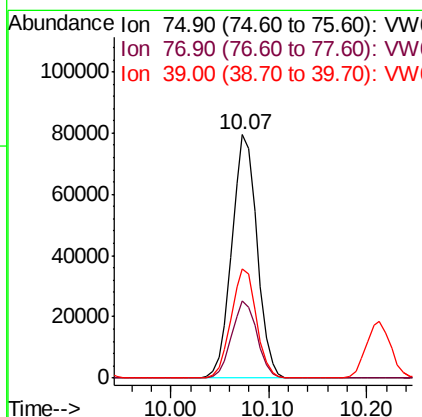
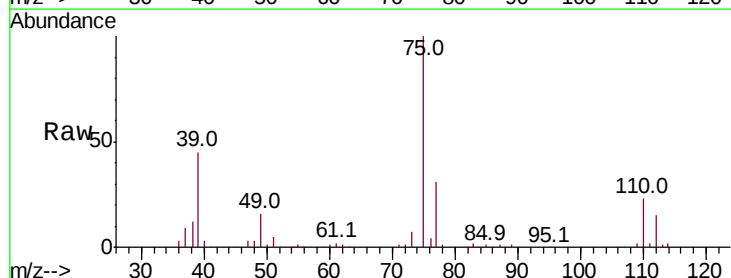
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

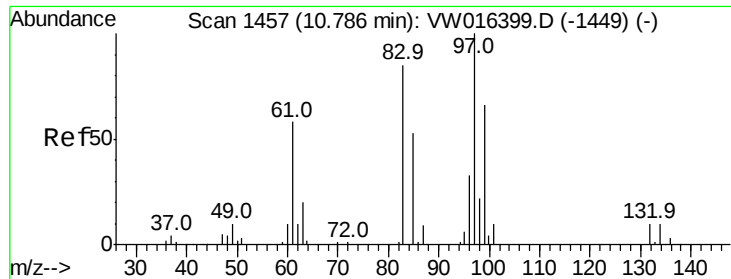
Tot Ion: 75 Resp: 123187
Ion Ratio Lower Upper
75 100
77 30.3 26.1 39.1



#54
cis-1,3-Dichloropropene
Concen: 55.508 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

Tgt Ion: 75 Resp: 142271
Ion Ratio Lower Upper
75 100
77 31.5 24.4 36.6
39 44.7 34.6 51.8

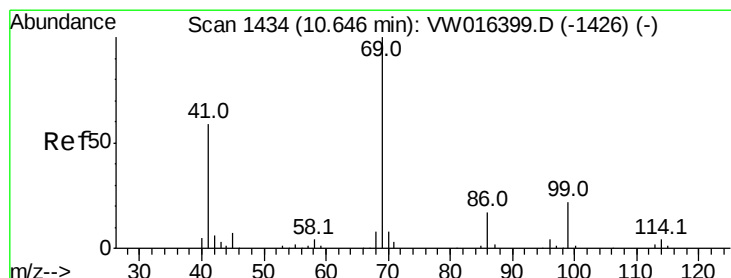
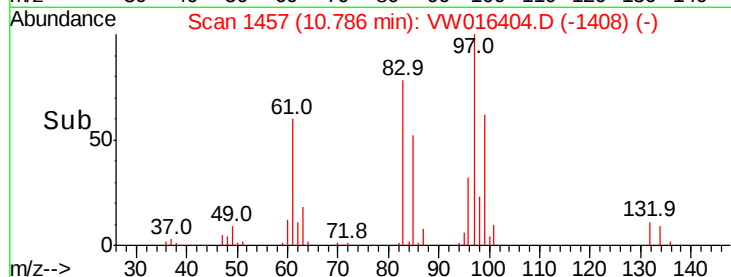
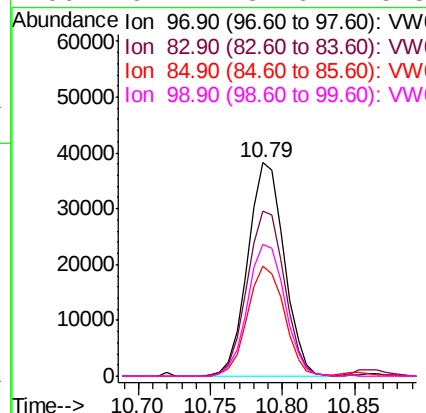
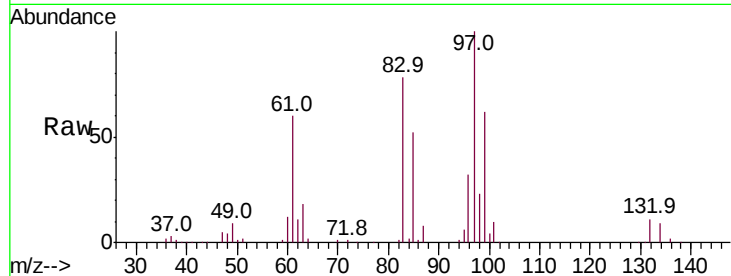




#55
 1,1,2-Trichloroethane
 Concen: 53.564 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW016404.D
 Acq: 31 Aug 2020 11:44

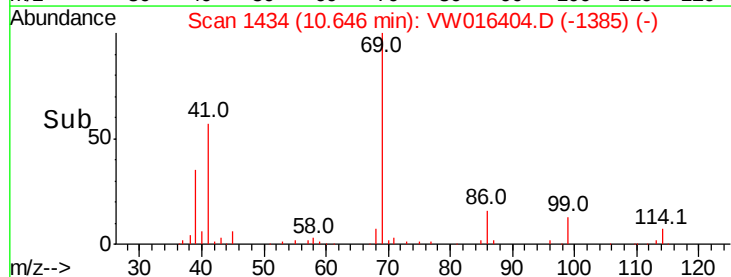
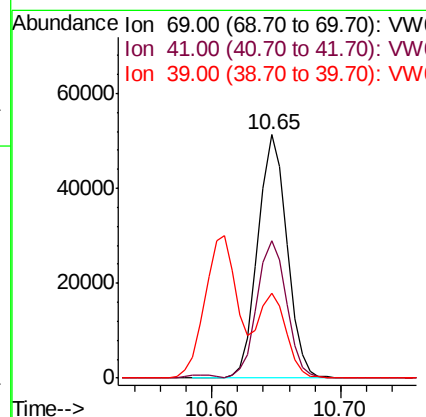
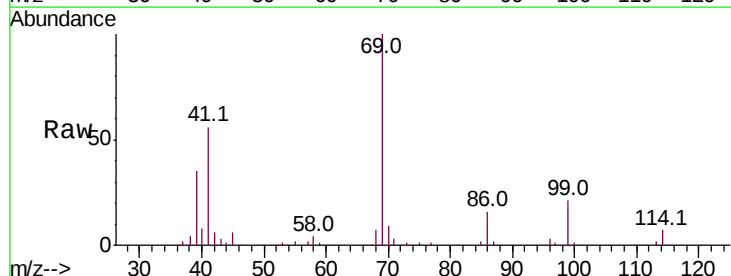
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

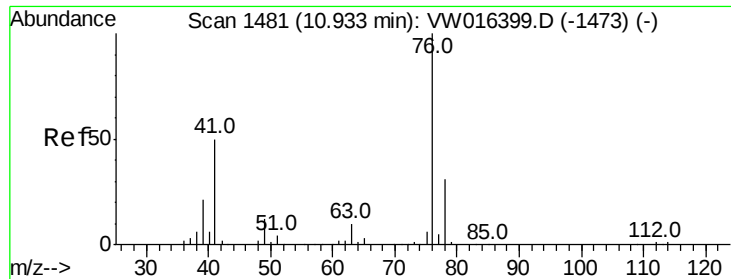
Tot Ion:	97	Resp:	66977
Ion	Ratio	Lower	Upper
97	100		
83	77.6	68.0	102.0
85	51.7	42.2	63.2
99	61.7	52.6	78.8



#56
 Ethyl methacrylate
 Concen: 54.732 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016404.D
 Acq: 31 Aug 2020 11:44

Tgt Ion:	69	Resp:	79974
Ion	Ratio	Lower	Upper
69	100		
41	57.2	46.5	69.7
39	33.3	26.2	39.2

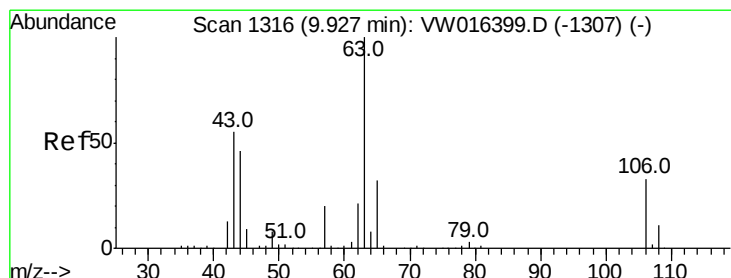
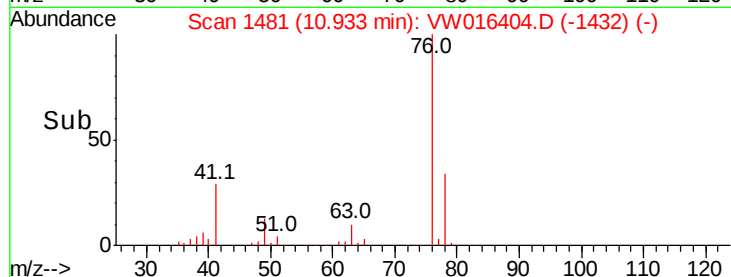
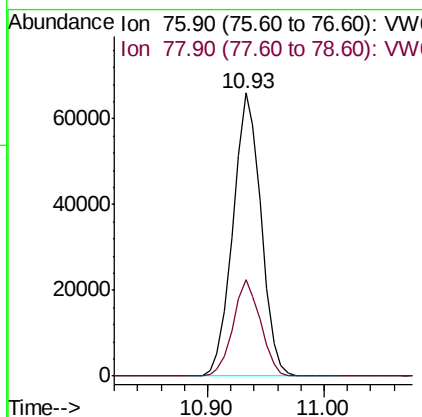
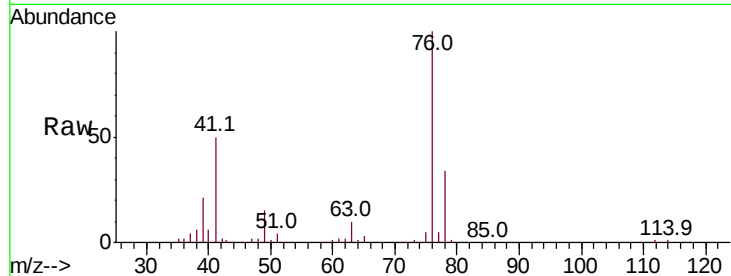




#57
 1,3-Dichloropropane
 Concen: 53.256 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016404.D
 Acq: 31 Aug 2020 11:44

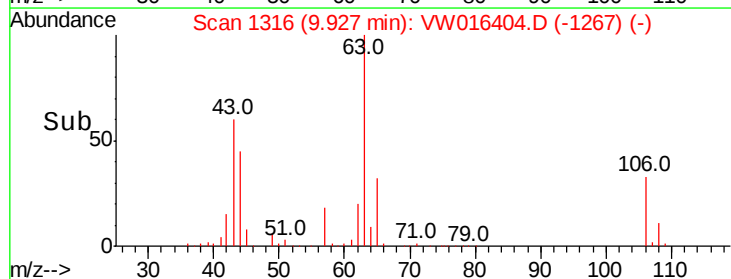
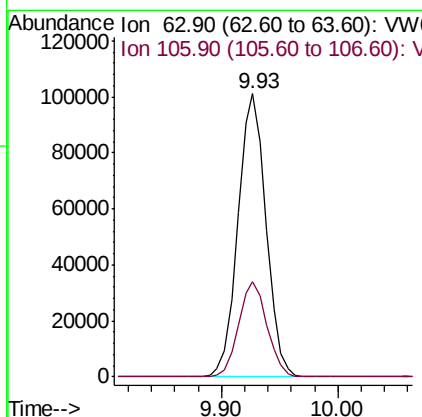
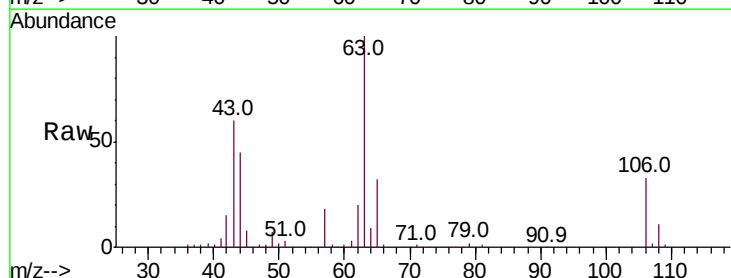
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

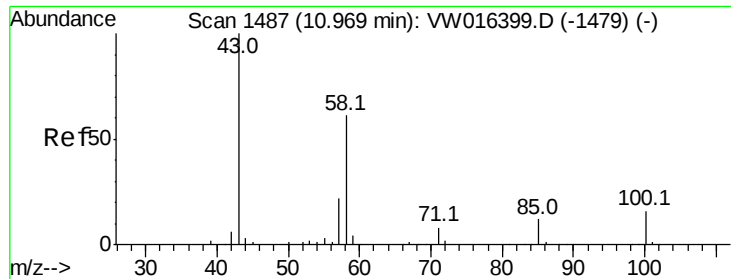
Tot Ion: 76 Resp: 110648
 Ion Ratio Lower Upper
 76 100
 78 33.4 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 258.881 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016404.D
 Acq: 31 Aug 2020 11:44

Tgt Ion: 63 Resp: 169853
 Ion Ratio Lower Upper
 63 100
 106 33.9 26.6 40.0

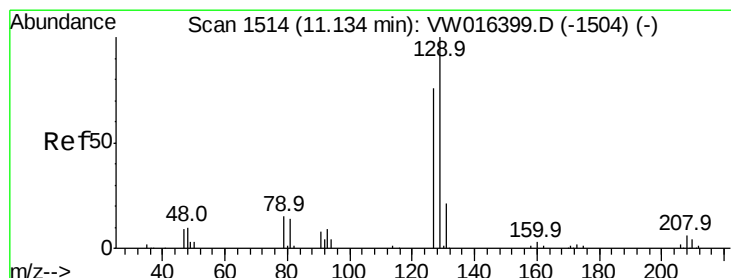
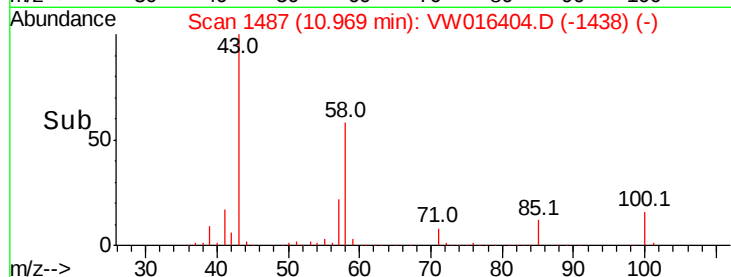
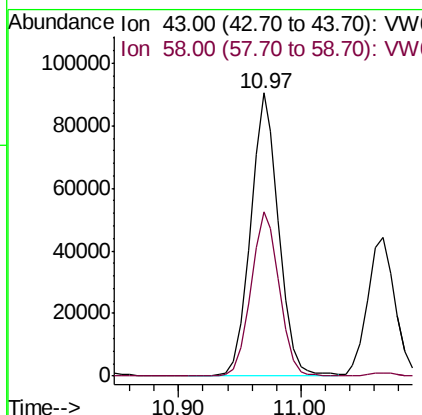
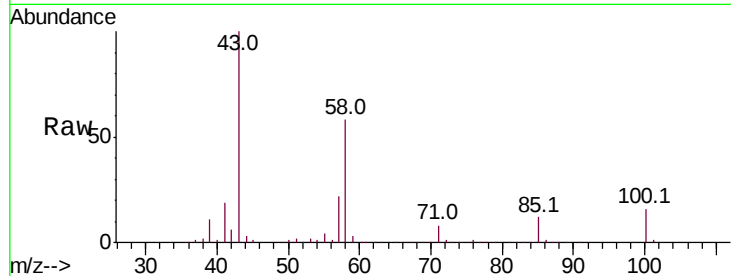




#59
2-Hexanone
Concen: 265.289 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

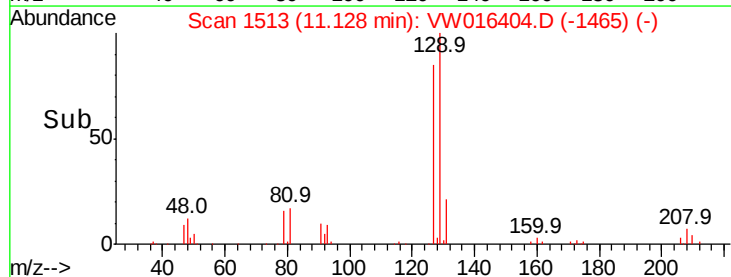
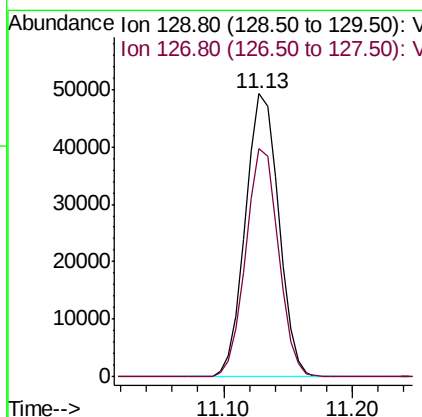
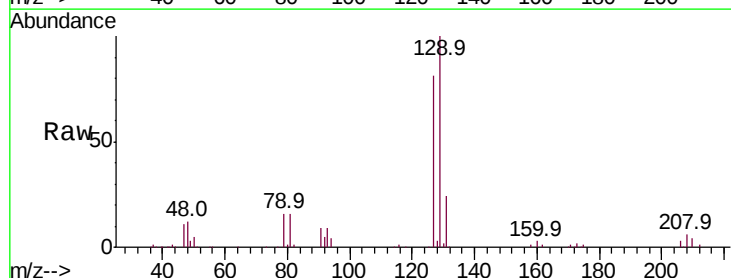
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

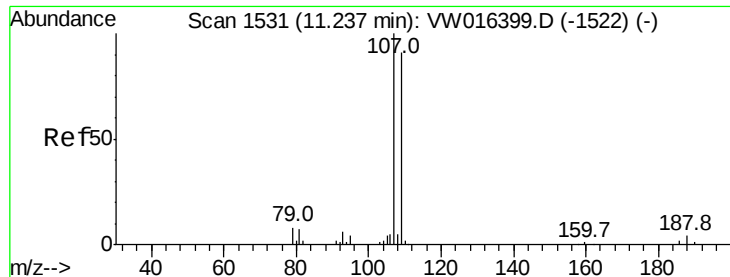
Tot Ion: 43 Resp: 143793
Ion Ratio Lower Upper
43 100
58 58.5 29.7 89.1



#60
Dibromochloromethane
Concen: 55.706 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

Tgt Ion: 129 Resp: 88075
Ion Ratio Lower Upper
129 100
127 78.8 38.6 115.7

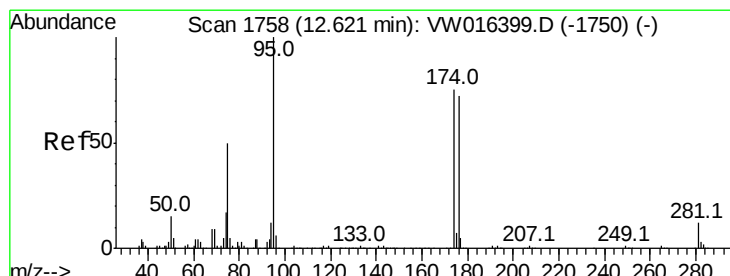
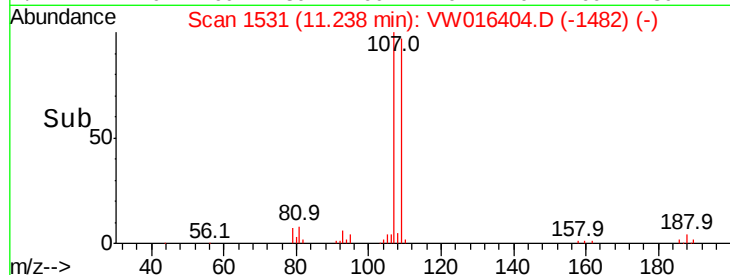
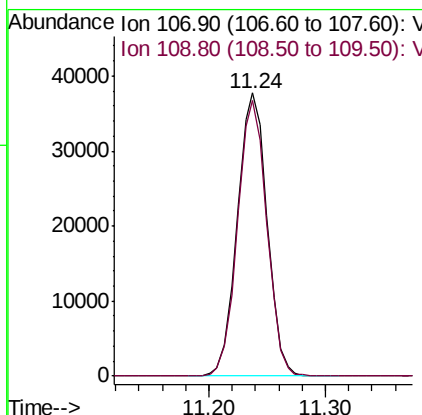
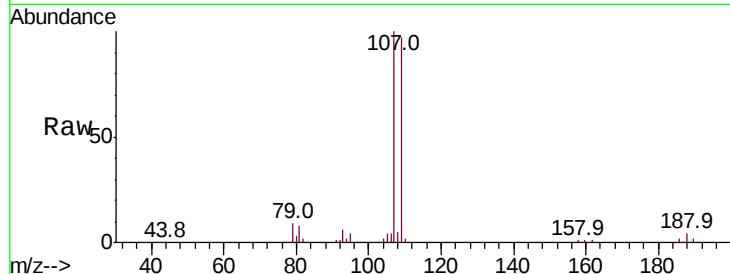




#61
 1,2-Dibromoethane
 Concen: 54.754 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW016404.D
 Acq: 31 Aug 2020 11:44

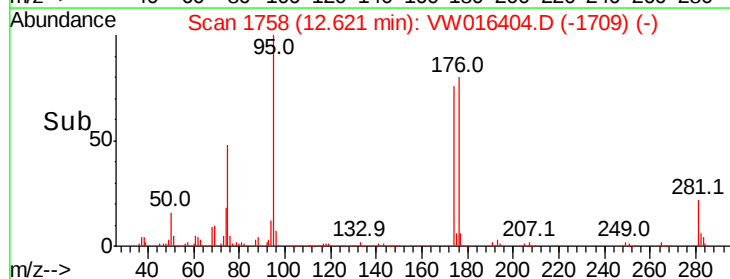
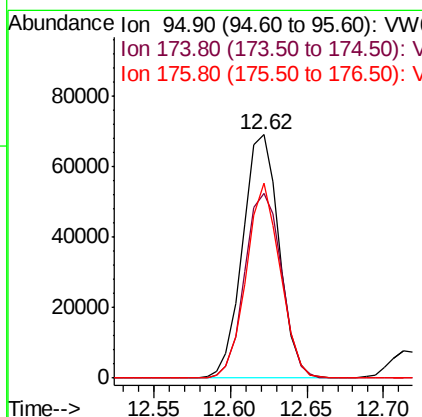
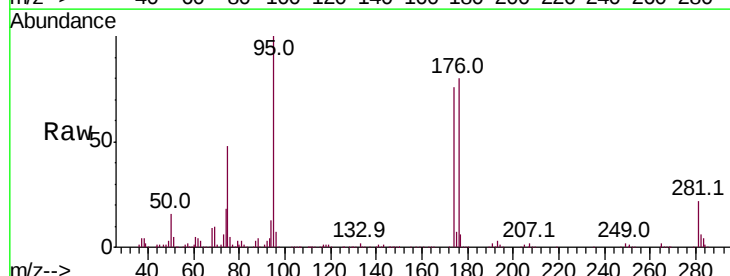
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

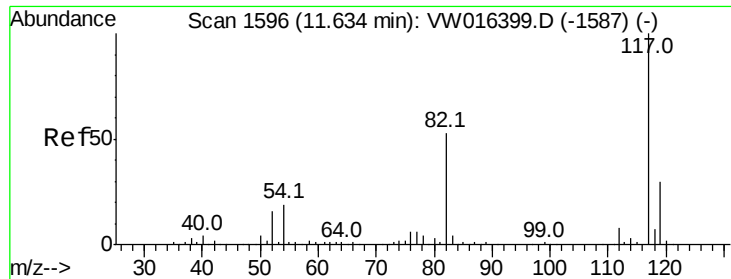
Tot Ion:107 Resp: 67145
 Ion Ratio Lower Upper
 107 100
 109 95.8 74.5 111.7



#62
 4-Bromofluorobenzene
 Concen: 51.524 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW016404.D
 Acq: 31 Aug 2020 11:44

Tgt Ion: 95 Resp: 114368
 Ion Ratio Lower Upper
 95 100
 174 77.2 0.0 152.0
 176 74.7 0.0 145.6

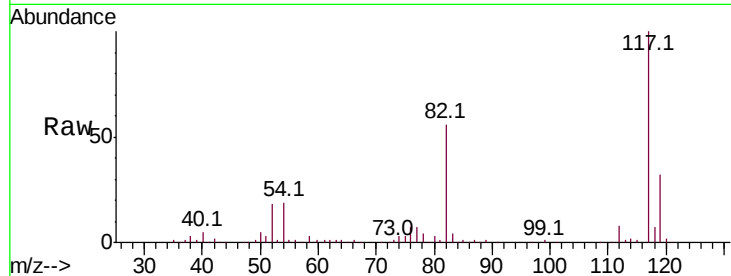




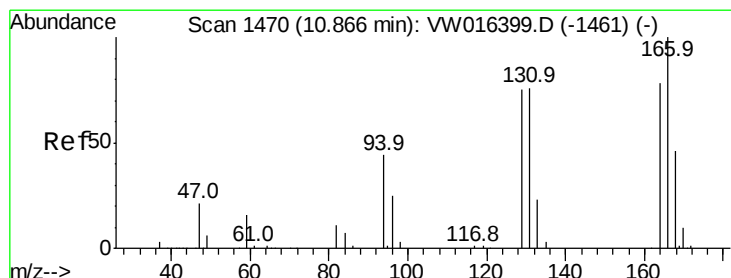
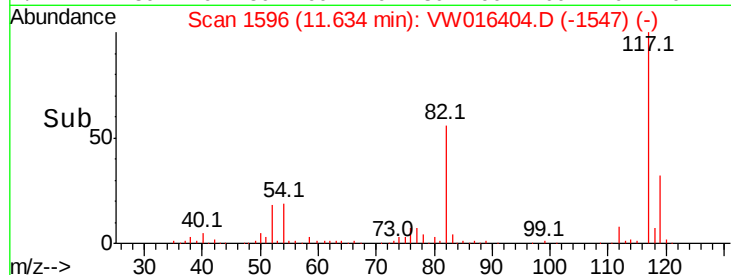
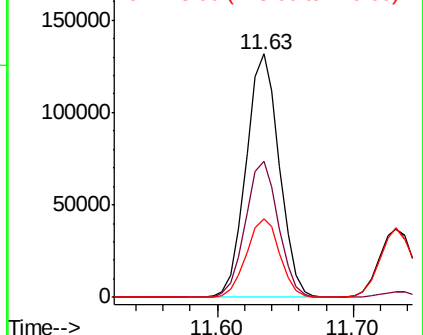
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 224383
Ion Ratio Lower Upper
117 100
82 55.9 42.2 63.4
119 32.4 24.2 36.4

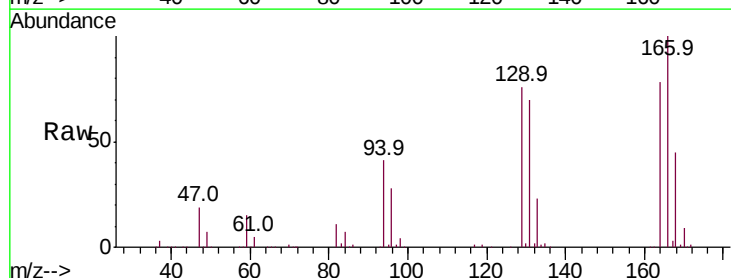


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV
Ion 118.90 (118.60 to 119.60): V

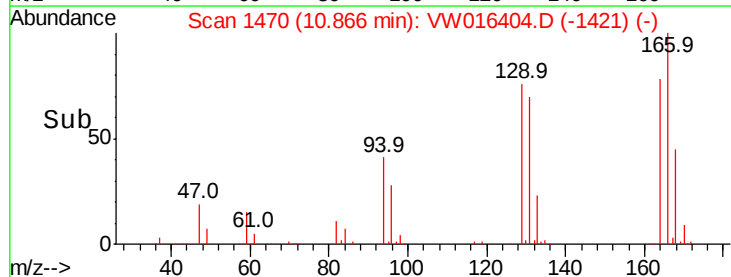
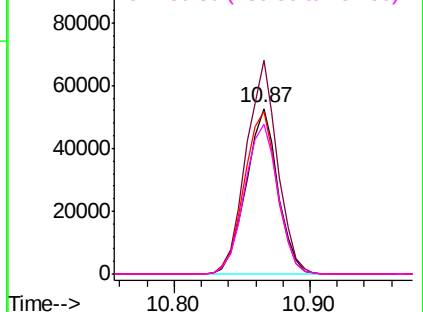


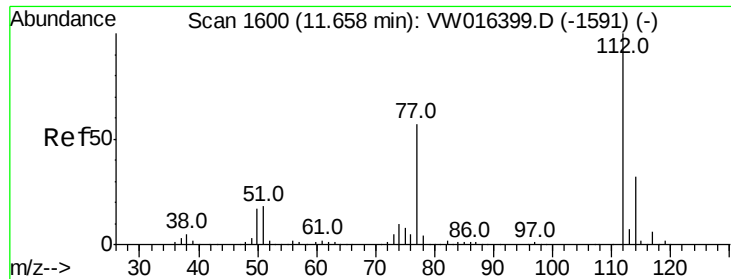
#64
Tetrachloroethene
Concen: 55.712 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

Tgt Ion:164 Resp: 85868
Ion Ratio Lower Upper
164 100
166 129.0 103.1 154.7
129 97.8 77.3 115.9
131 90.7 78.2 117.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

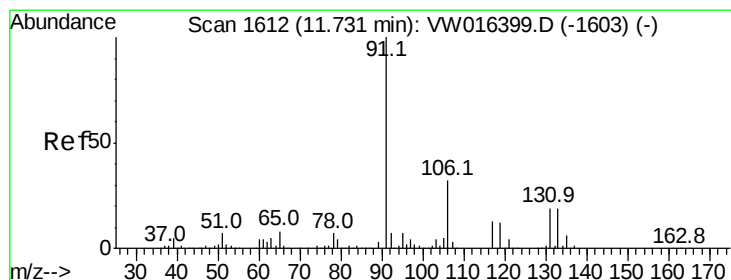
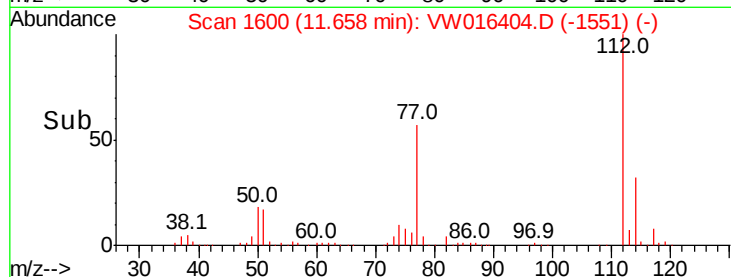
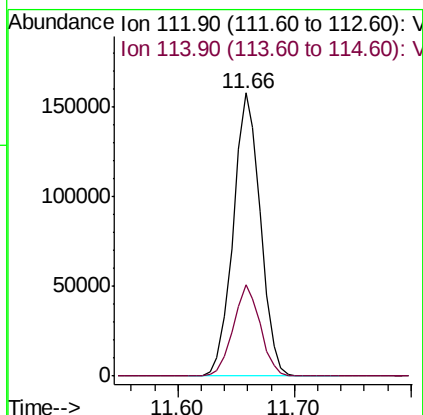
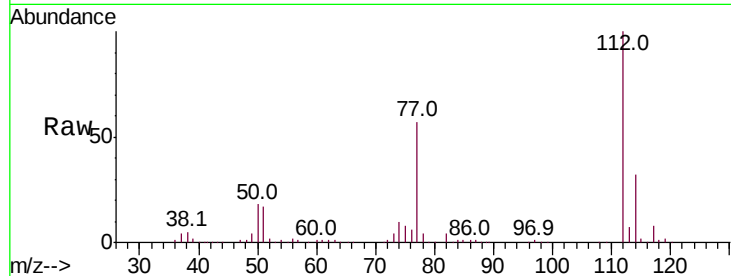




#65
Chlorobenzene
Concen: 55.400 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

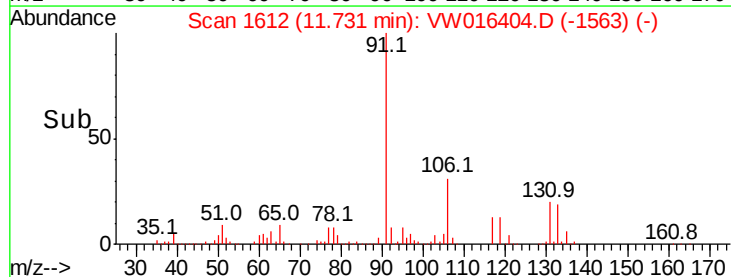
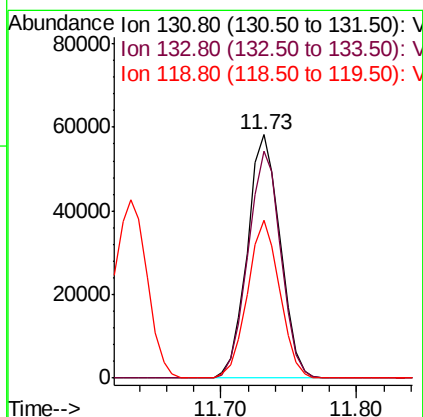
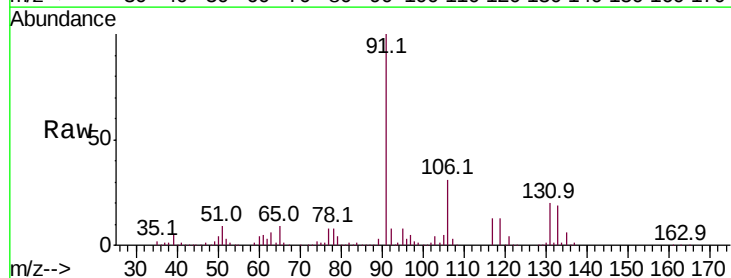
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

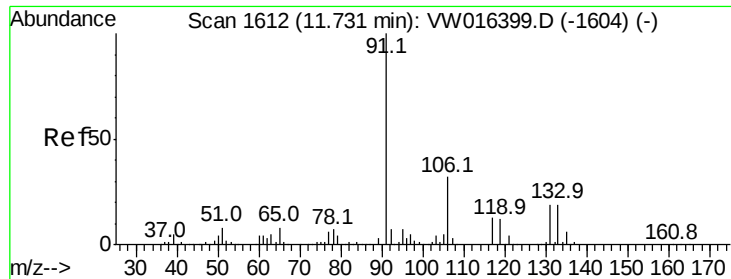
Tot Ion:112 Resp: 256013
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 57.669 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

Tgt Ion:131 Resp: 98677
Ion Ratio Lower Upper
131 100
133 93.1 46.9 140.6
119 63.7 31.6 95.0

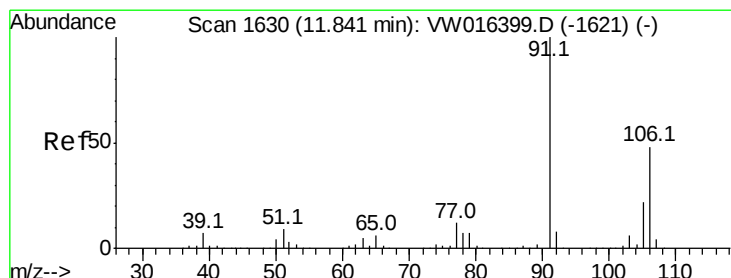
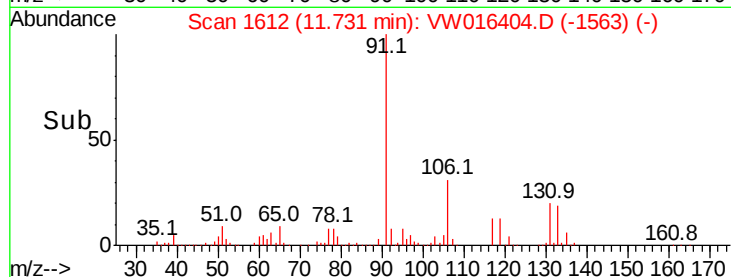
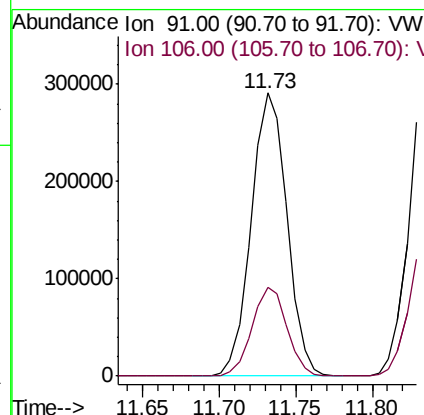
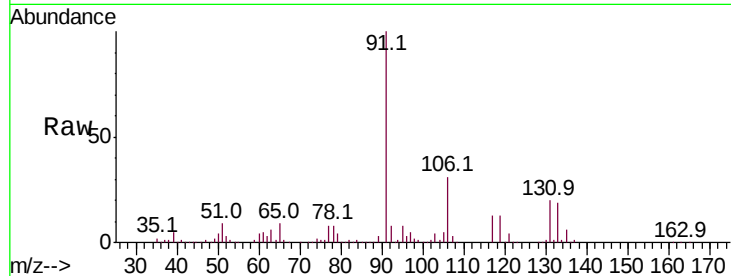




#67
Ethyl Benzene
Concen: 57.331 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

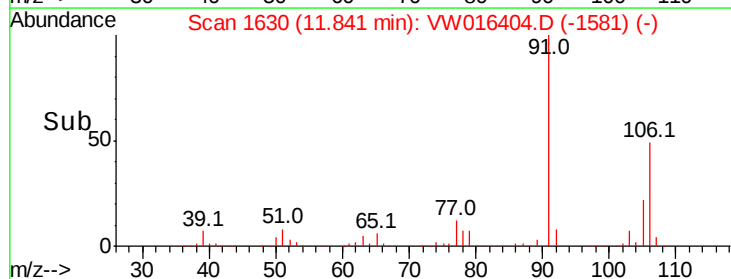
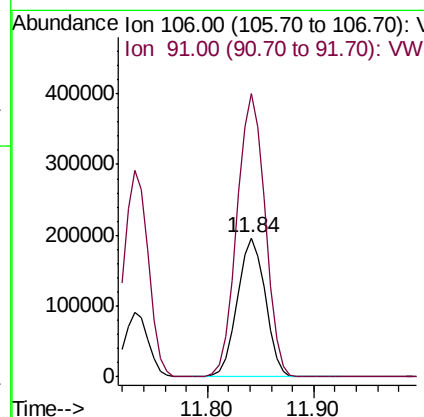
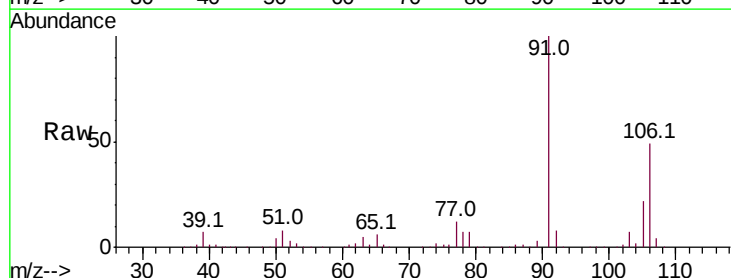
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

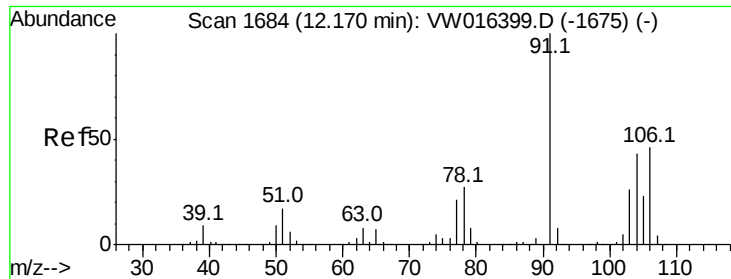
Tot Ion: 91 Resp: 472988
Ion Ratio Lower Upper
91 100
106 31.3 25.3 37.9



#68
m/p-Xylenes
Concen: 114.775 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

Tgt Ion:106 Resp: 361521
Ion Ratio Lower Upper
106 100
91 205.6 167.7 251.5

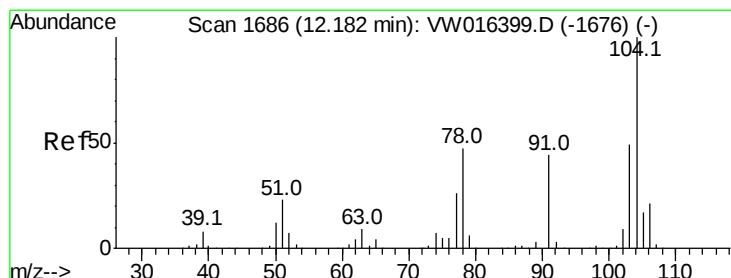
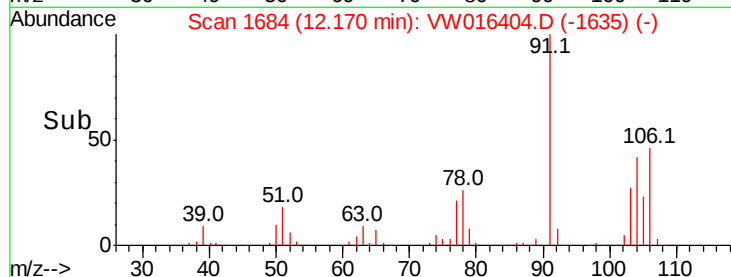
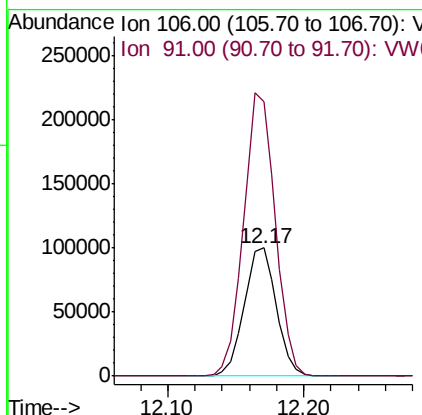
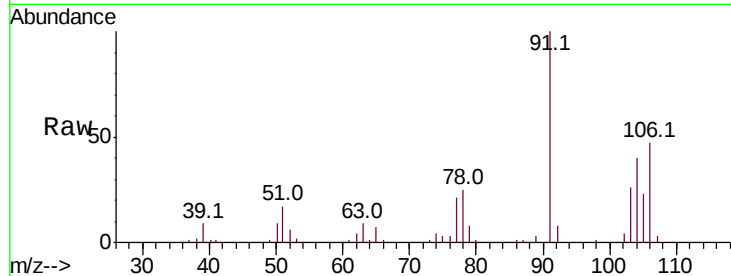




#69
o-Xylene
Concen: 56.826 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

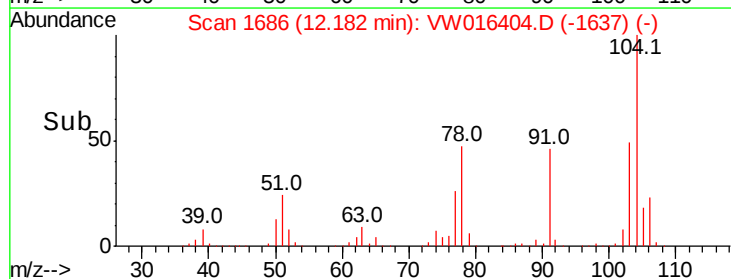
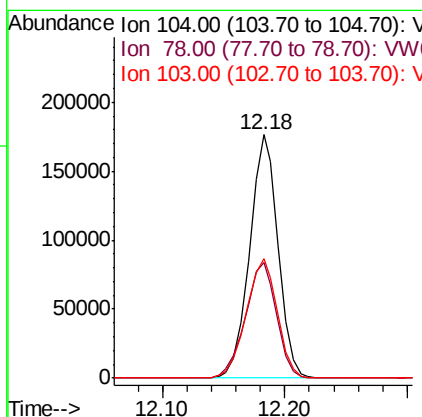
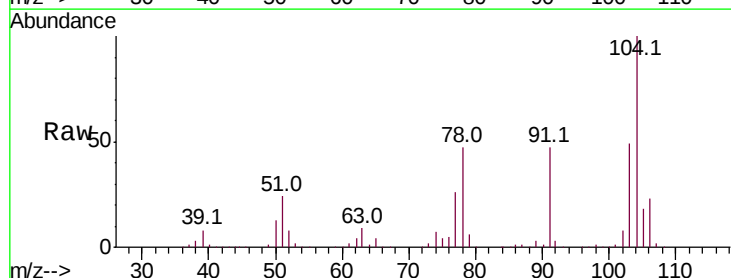
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

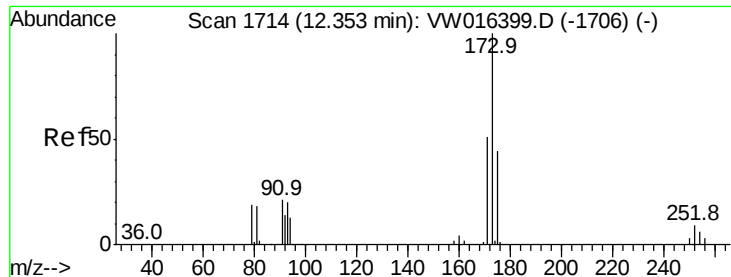
Tot Ion:106 Resp: 164600
Ion Ratio Lower Upper
106 100
91 218.0 111.7 334.9



#70
Styrene
Concen: 57.484 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

Tgt Ion:104 Resp: 283773
Ion Ratio Lower Upper
104 100
78 52.2 41.7 62.5
103 53.9 42.9 64.3

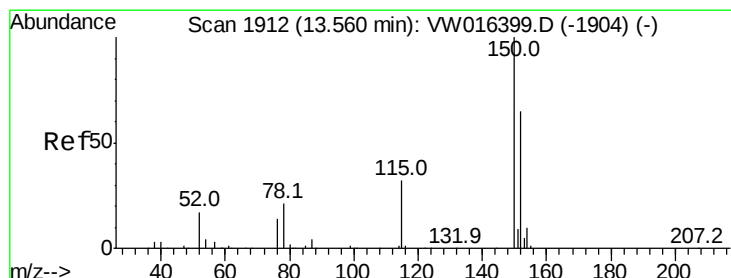
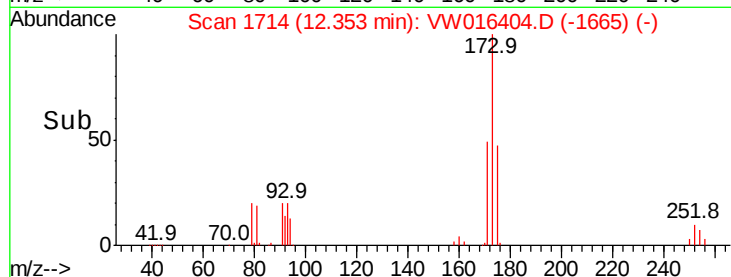
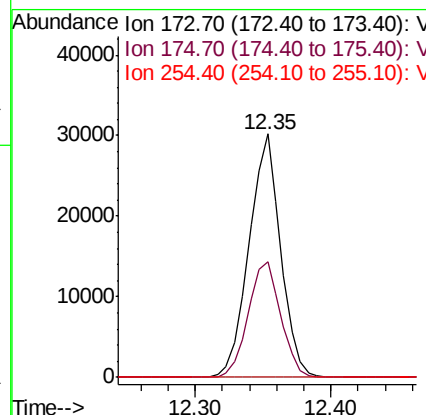
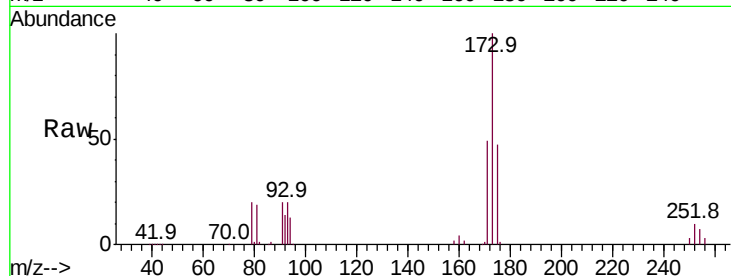




#71
Bromoform
Concen: 56.173 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

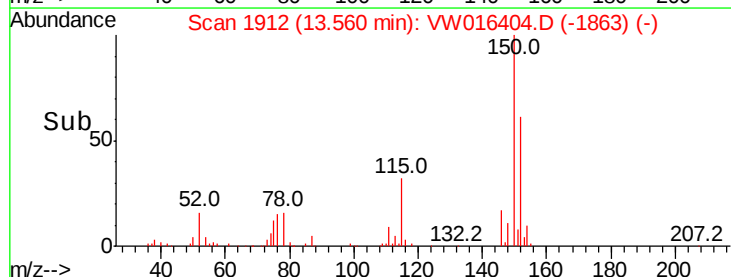
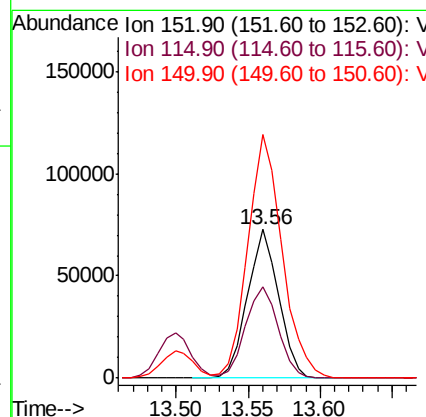
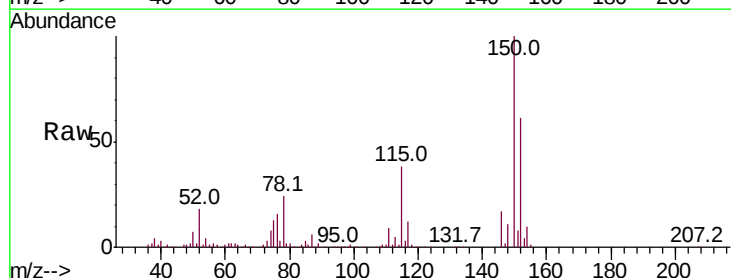
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

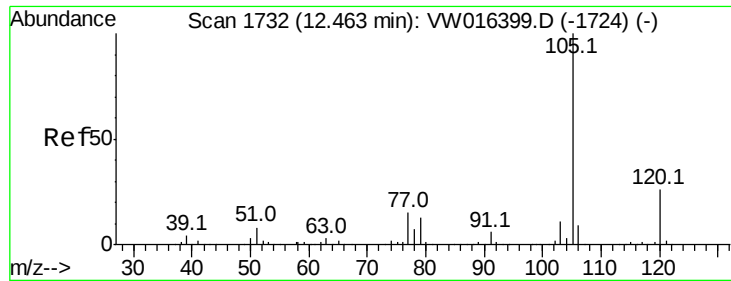
Tot Ion:173 Resp: 48909
Ion Ratio Lower Upper
173 100
175 48.8 23.5 70.6
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

Tgt Ion:152 Resp: 108721
Ion Ratio Lower Upper
152 100
115 64.3 30.9 92.5
150 180.1 0.0 351.0





#73

Isopropylbenzene

Concen: 59.042 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW016404.D

Acq: 31 Aug 2020 11:44

Instrument :

MSVOA_W

ClientSampleId :

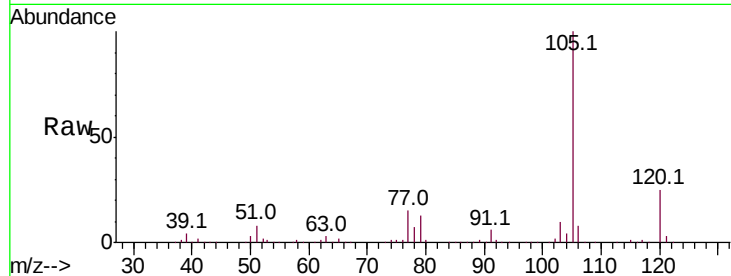
VSTDCCC050

Tot Ion:105 Resp: 473319

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

300000

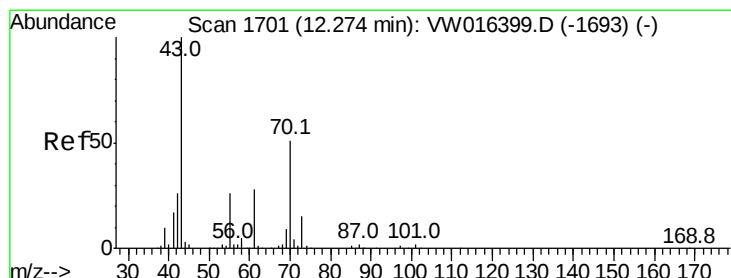
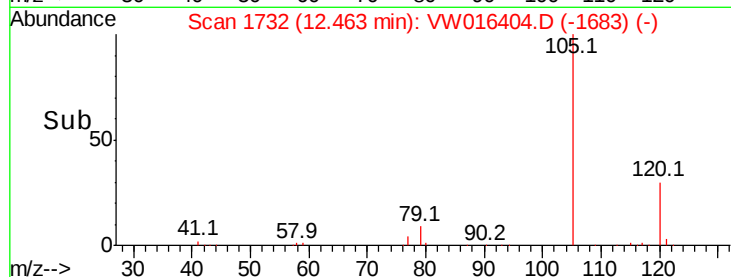
200000

100000

0

Time-->

12.40 12.50



#74

N-ethyl acetate

Concen: 53.937 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW016404.D

Acq: 31 Aug 2020 11:44

Tgt Ion: 43 Resp: 75670

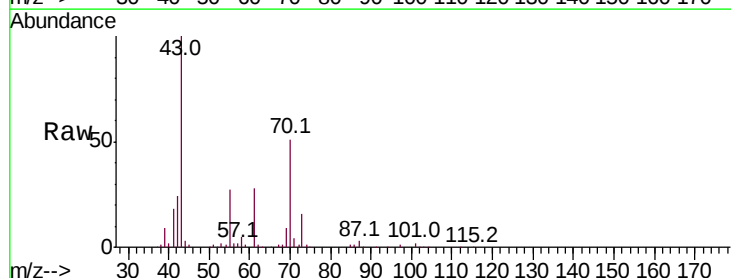
Ion Ratio Lower Upper

43 100

70 51.3 40.8 61.2

55 28.3 21.6 32.4

61 27.4 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

80000

60000

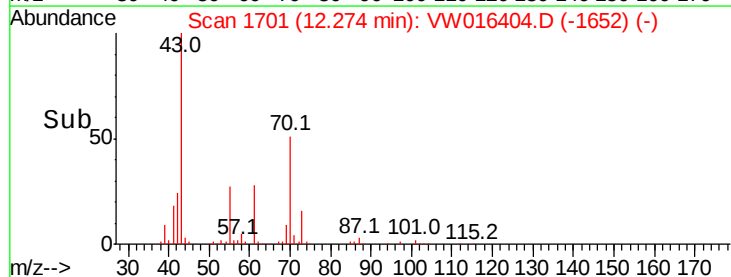
40000

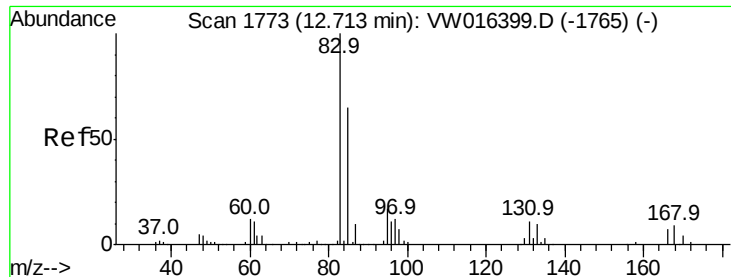
20000

0

Time-->

12.20 12.30





#75

1,1,2,2-Tetrachloroethane

Concen: 54.391 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW016404.D

Acq: 31 Aug 2020 11:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

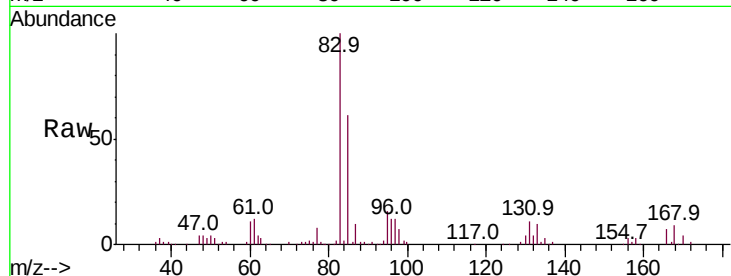
Tot Ion: 83 Resp: 71780

Ion Ratio Lower Upper

83 100

131 11.6 5.9 17.8

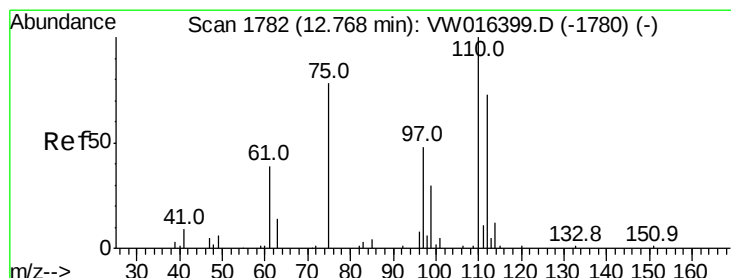
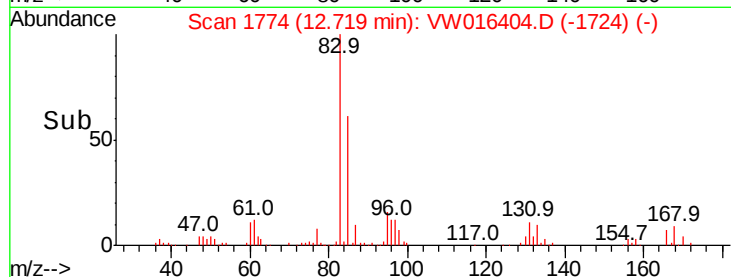
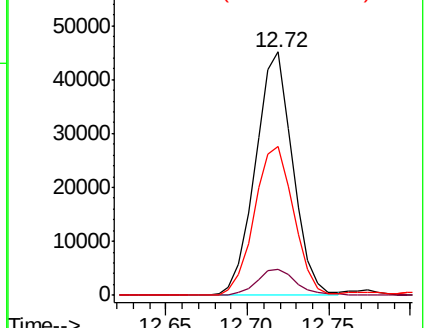
85 64.5 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 99.439 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW016404.D

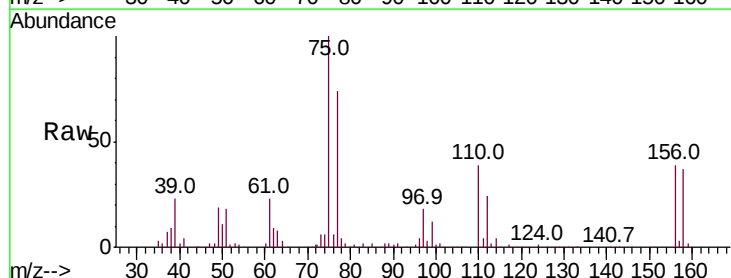
Acq: 31 Aug 2020 11:44

Tgt Ion: 75 Resp: 95598

Ion Ratio Lower Upper

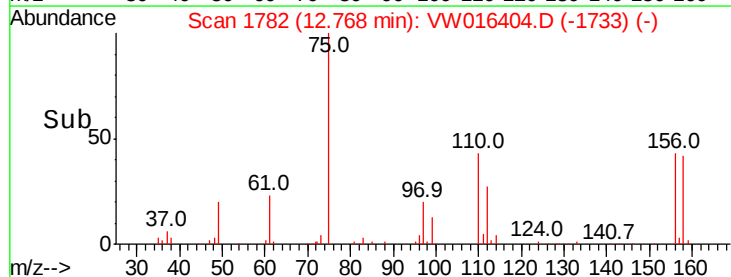
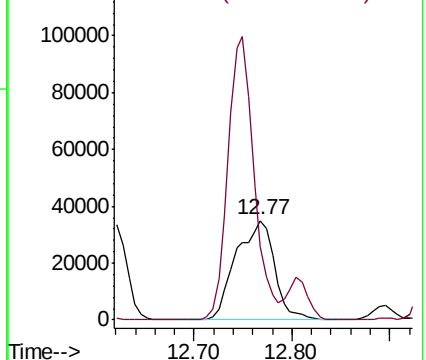
75 100

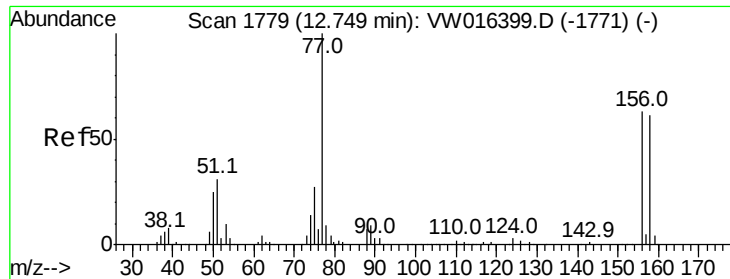
77 193.3 173.4 520.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

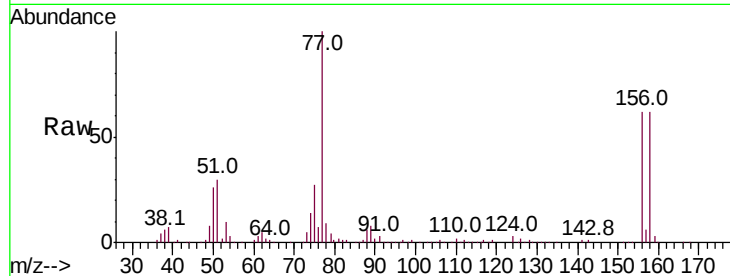




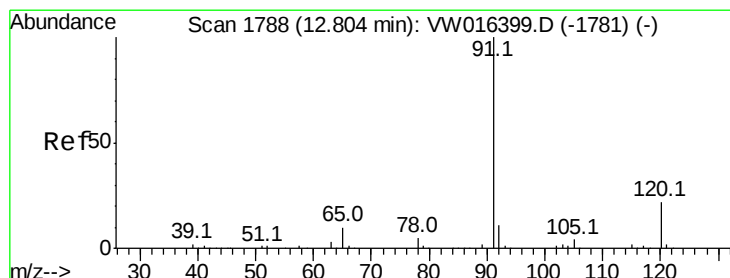
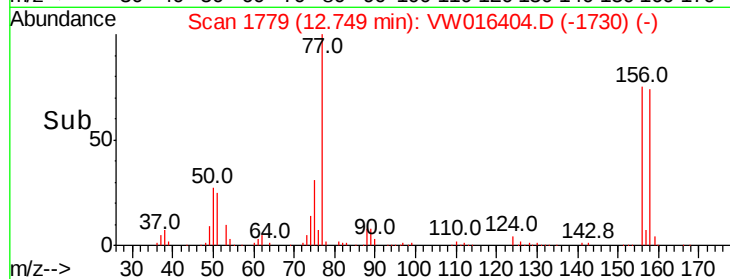
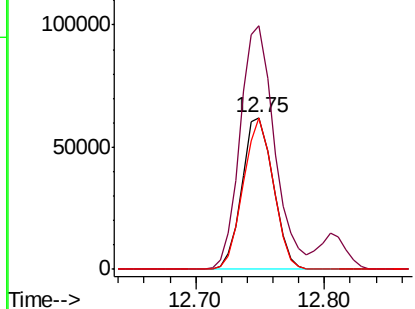
#77
Bromobenzene
Concen: 55.812 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:156 Resp: 104014
Ion Ratio Lower Upper
156 100
77 177.6 90.0 269.9
158 95.7 47.3 141.8

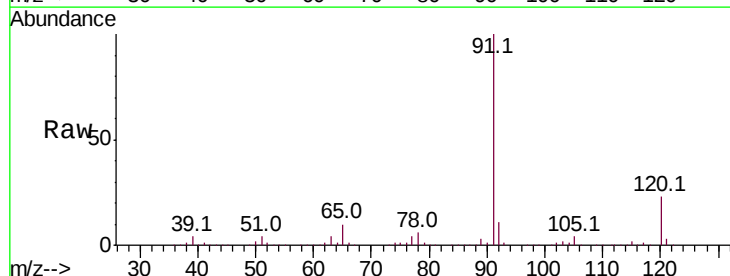


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V

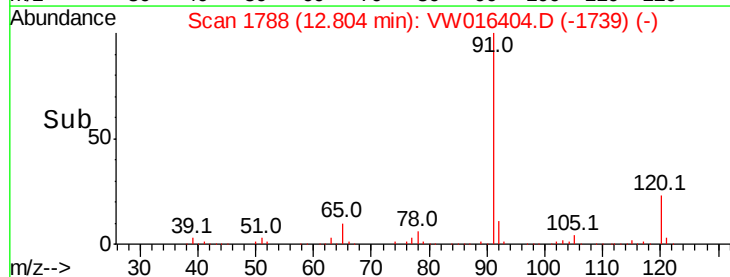
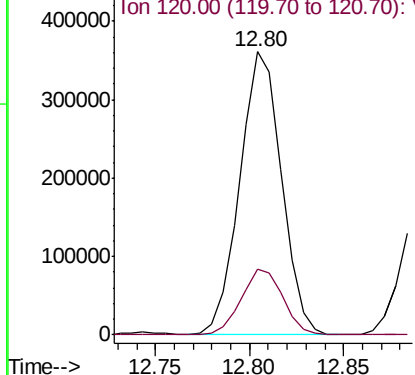


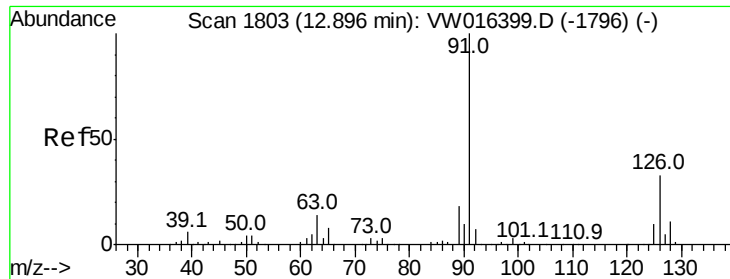
#78
n-propylbenzene
Concen: 58.900 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

Tgt Ion: 91 Resp: 554303
Ion Ratio Lower Upper
91 100
120 23.3 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V

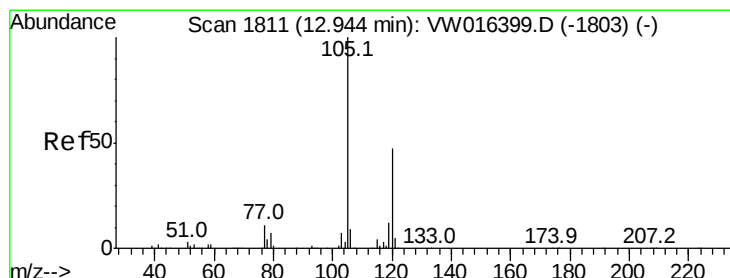
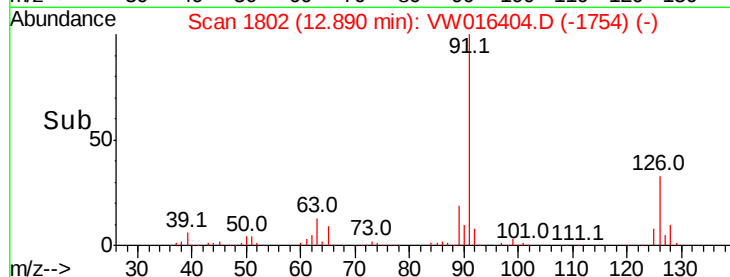
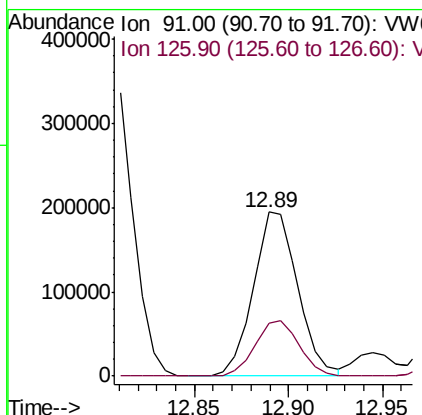
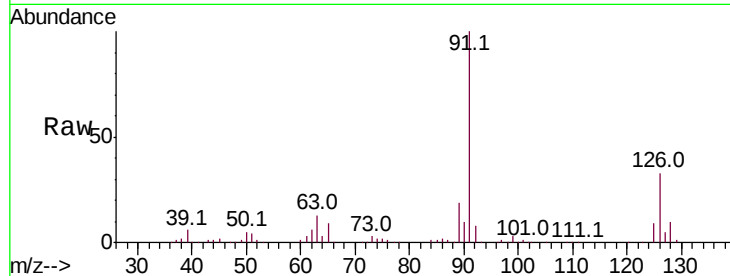




#79
2-Chlorotoluene
Concen: 57.415 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. -0.01 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

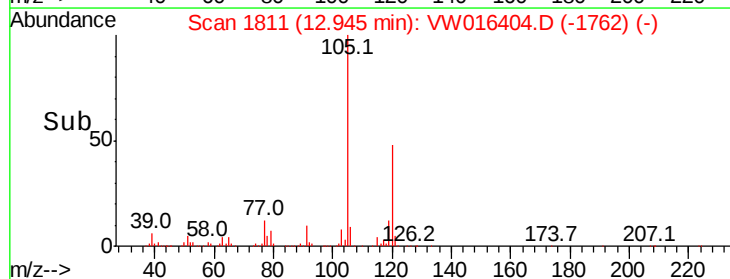
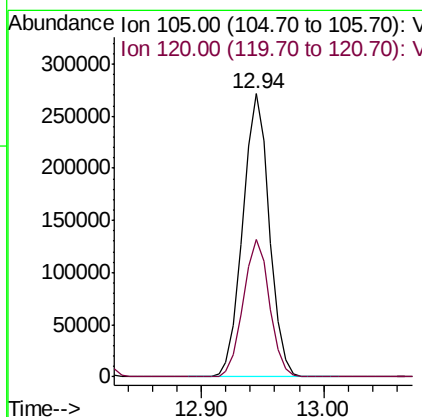
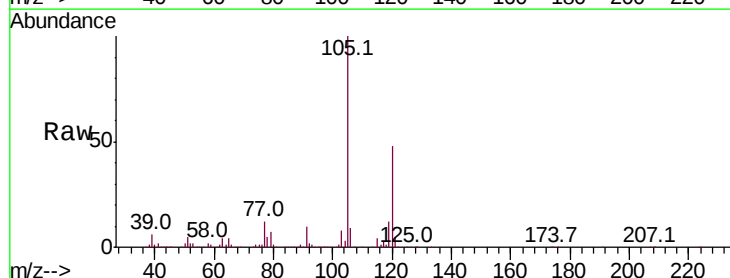
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

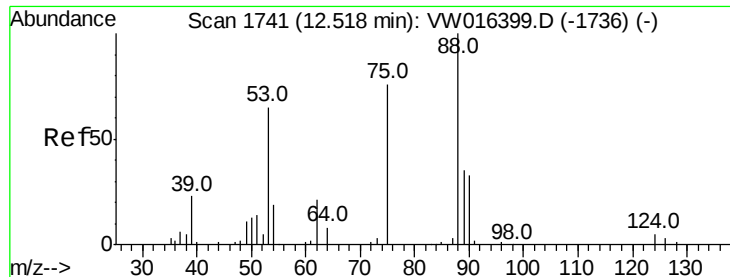
Tot Ion: 91 Resp: 318209
Ion Ratio Lower Upper
91 100
126 33.5 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 57.943 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

Tgt Ion:105 Resp: 407410
Ion Ratio Lower Upper
105 100
120 48.2 23.8 71.2





#81

trans-1,4-Dichloro-2-butene

Concen: 54.924 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW016404.D

Acq: 31 Aug 2020 11:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

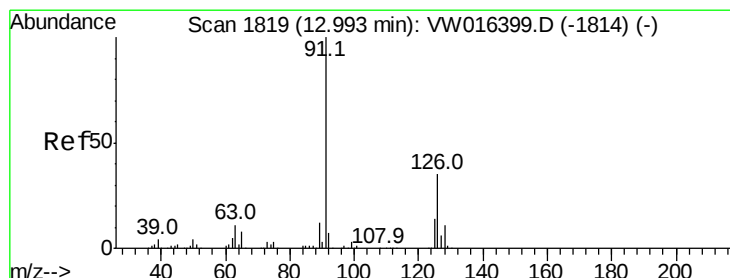
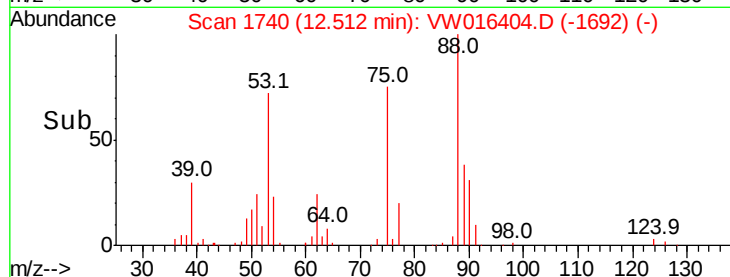
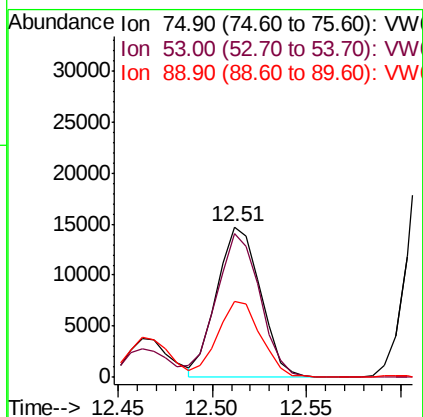
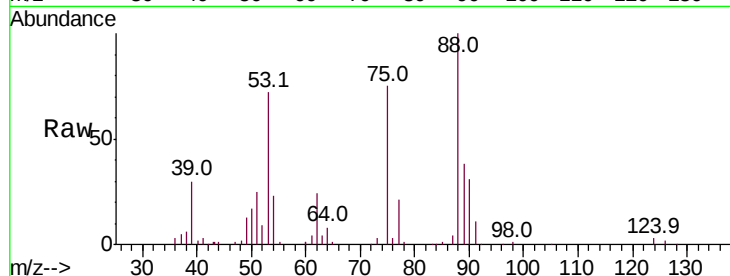
Tot Ion: 75 Resp: 23783

Ion Ratio Lower Upper

75 100

53 95.7 75.2 112.8

89 49.9 40.4 60.6



#82

4-Chlorotoluene

Concen: 57.135 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VW016404.D

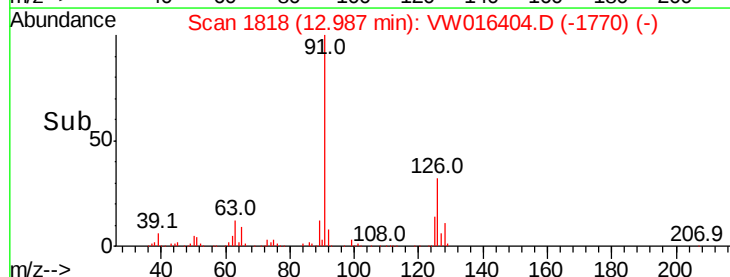
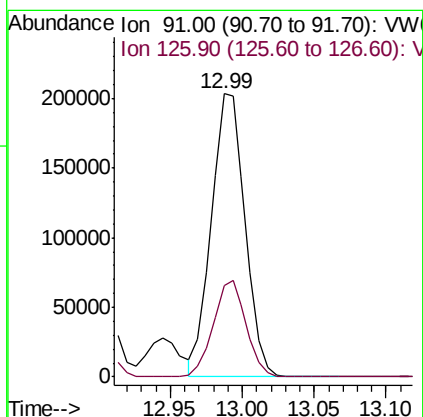
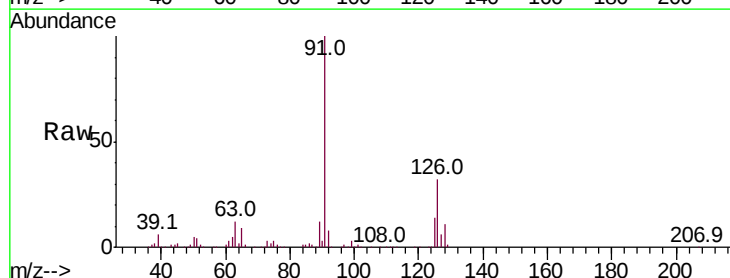
Acq: 31 Aug 2020 11:44

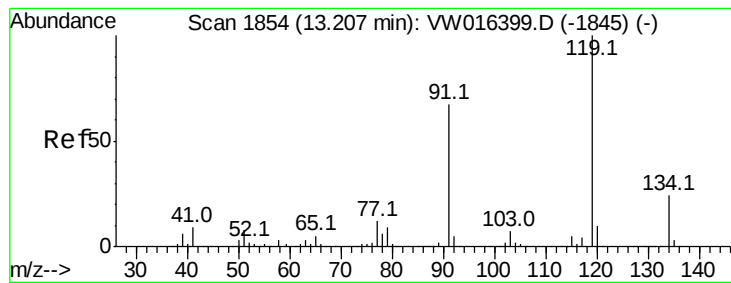
Tgt Ion: 91 Resp: 331066

Ion Ratio Lower Upper

91 100

126 33.1 17.0 50.9





#83

tert-Butylbenzene

Concen: 59.041 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW016404.D

Acq: 31 Aug 2020 11:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

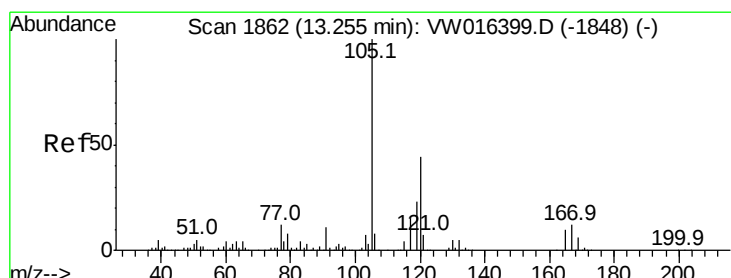
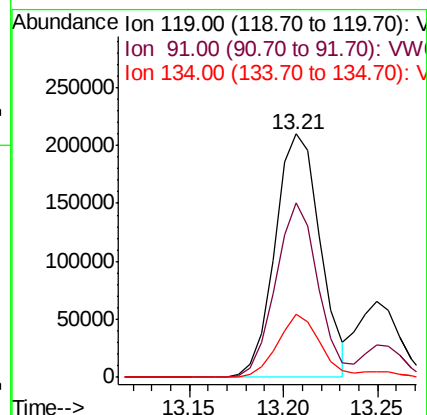
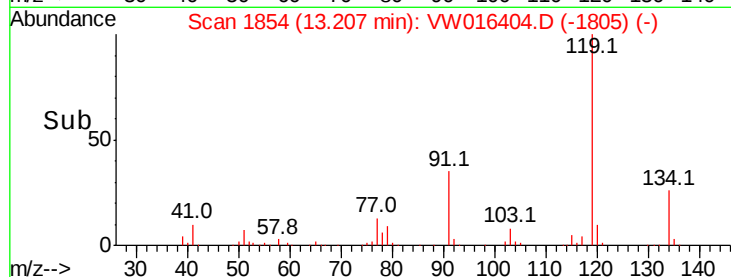
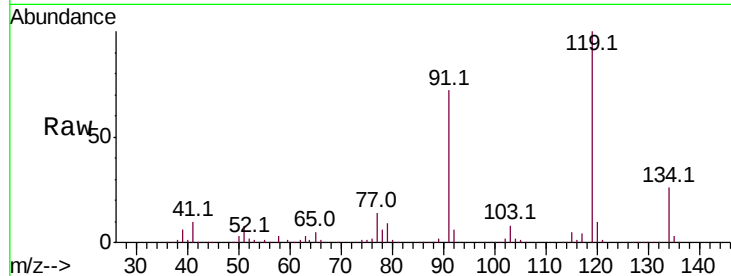
Tot Ion:119 Resp: 348764

Ion Ratio Lower Upper

119 100

91 68.1 34.1 102.3

134 26.3 12.3 36.8



#84

1,2,4-Trimethylbenzene

Concen: 58.533 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW016404.D

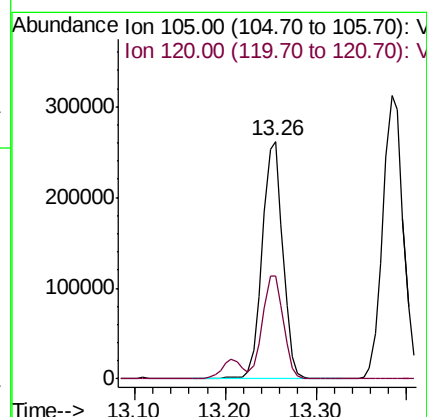
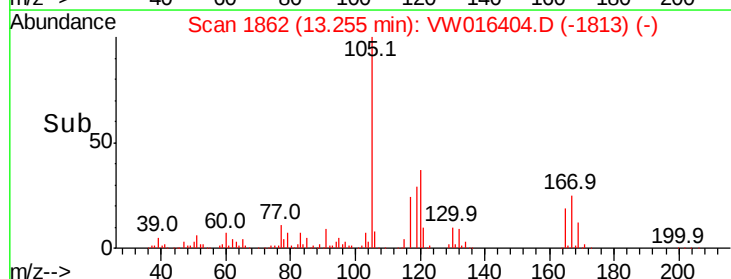
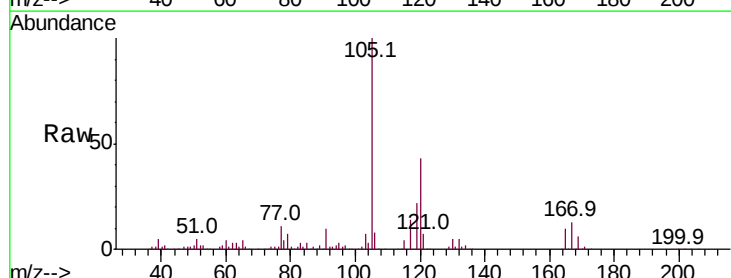
Acq: 31 Aug 2020 11:44

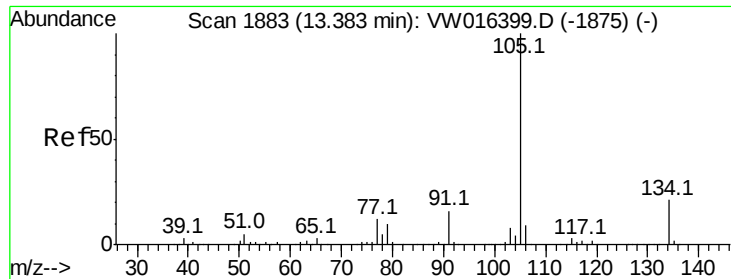
Tgt Ion:105 Resp: 410493

Ion Ratio Lower Upper

105 100

120 43.9 22.1 66.1

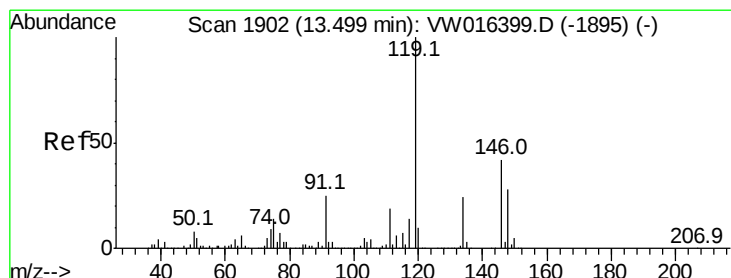
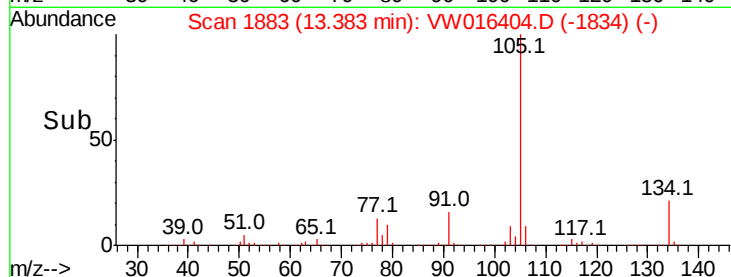
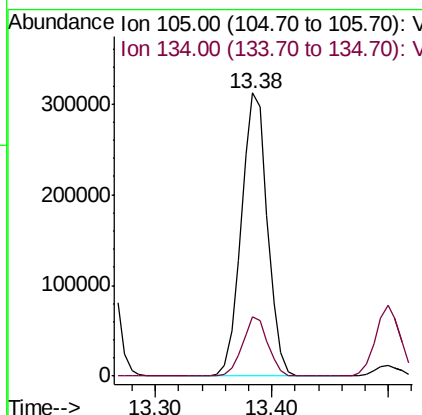
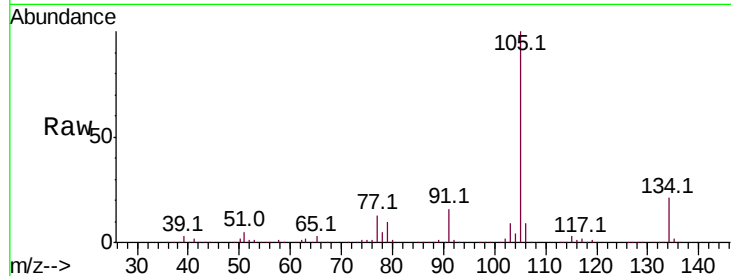




#85
 sec-Butylbenzene
 Concen: 59.675 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW016404.D
 Acq: 31 Aug 2020 11:44

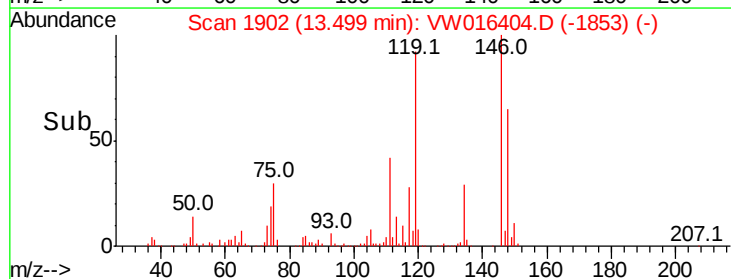
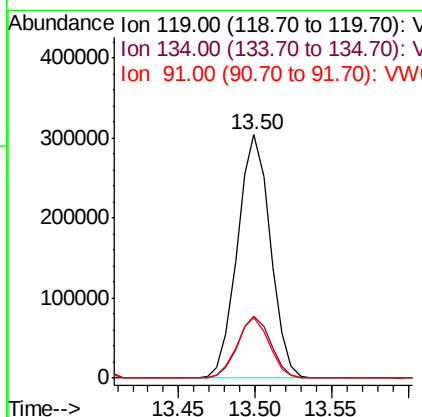
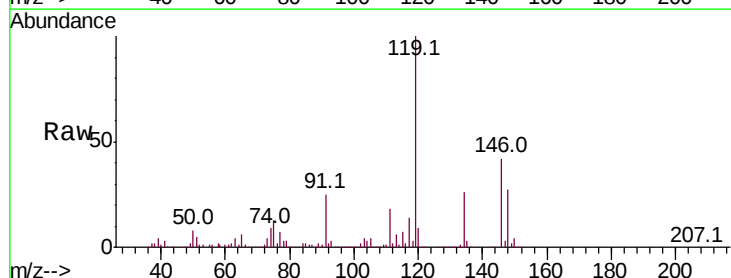
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

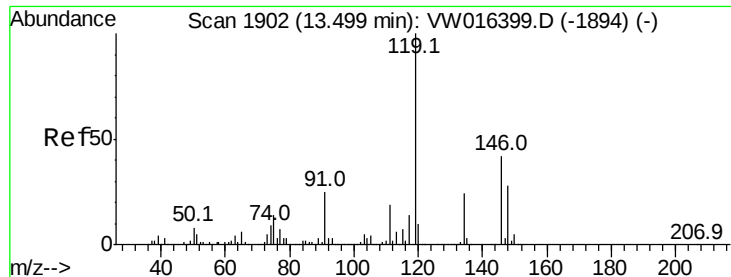
Tot Ion:105 Resp: 488098
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 59.400 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016404.D
 Acq: 31 Aug 2020 11:44

Tgt Ion:119 Resp: 453565
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.6
 91 24.5 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 57.046 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

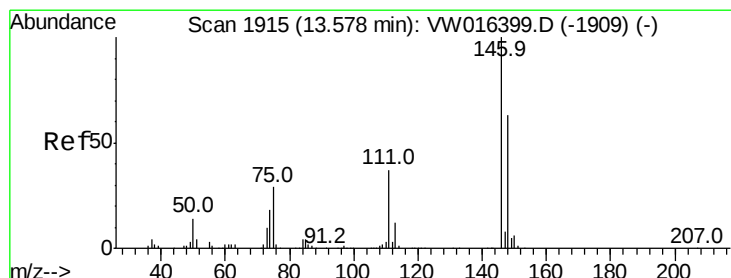
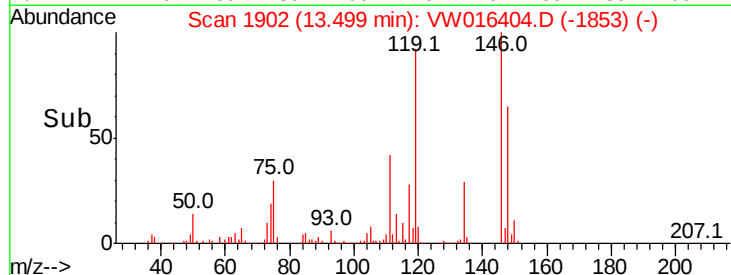
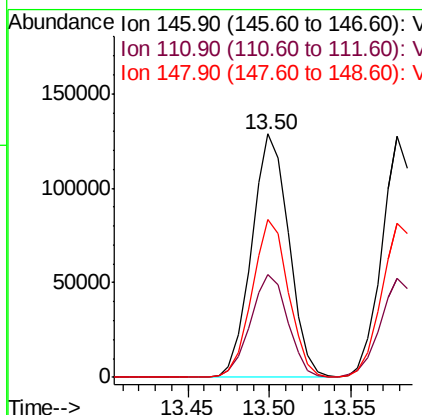
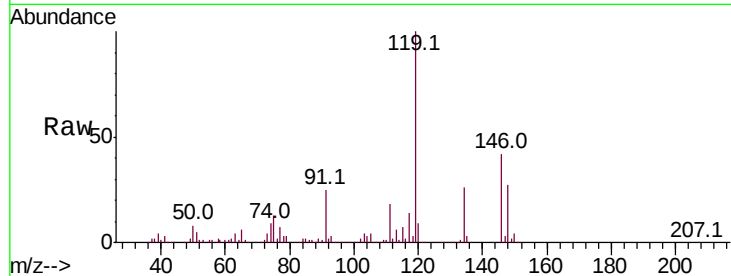
Lab File: VW016404.D

Acq: 31 Aug 2020 11:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 204069

Ion	Ratio	Lower	Upper
146	100		
111	42.4	22.6	67.8
148	63.5	33.6	100.8



#88

1,4-Dichlorobenzene

Concen: 55.613 ug/l

RT: 13.58 min Scan# 1915

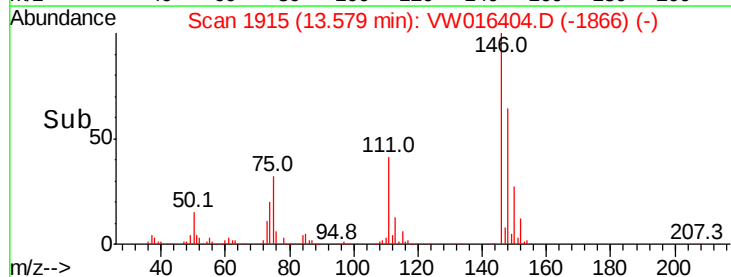
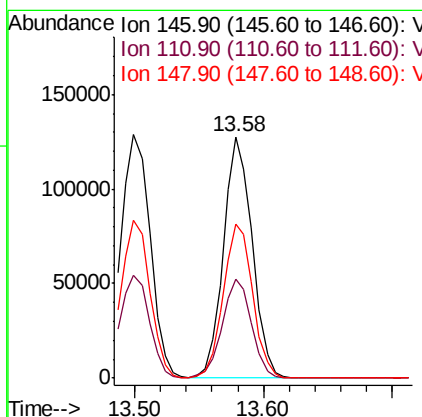
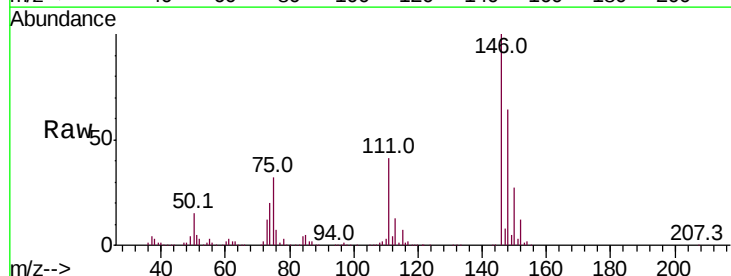
Delta R.T. 0.00 min

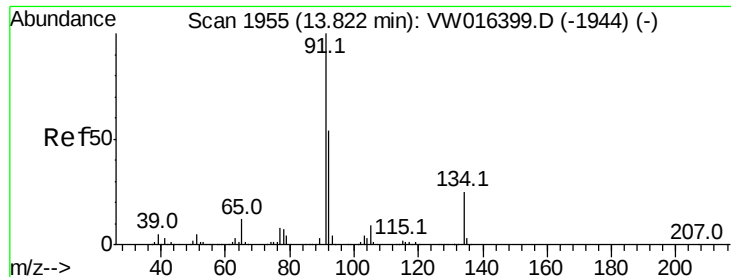
Lab File: VW016404.D

Acq: 31 Aug 2020 11:44

Tgt Ion:146 Resp: 200157

Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.4	61.3
148	65.1	32.0	96.2

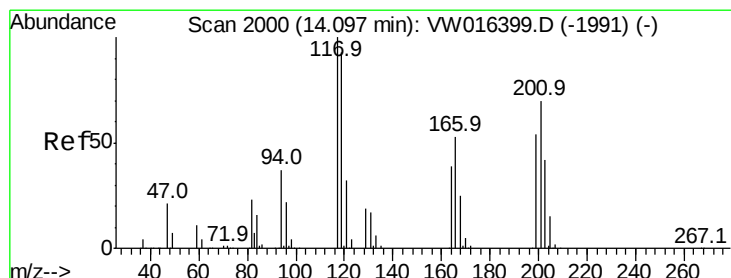
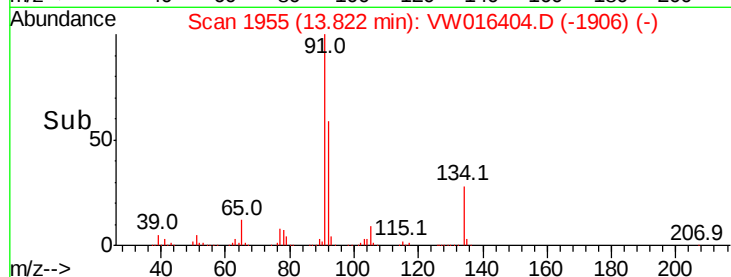
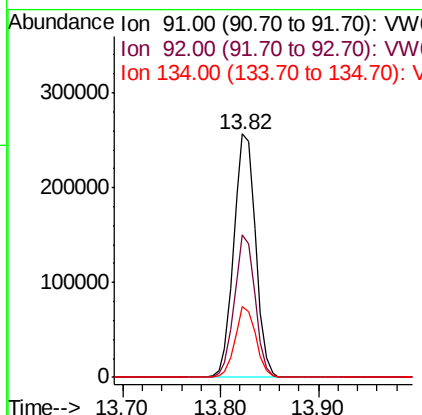
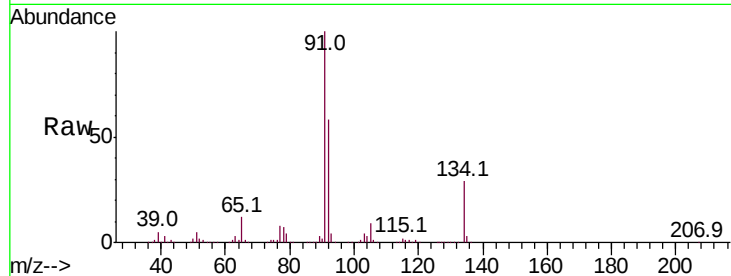




#89
n-Butylbenzene
Concen: 56.558 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

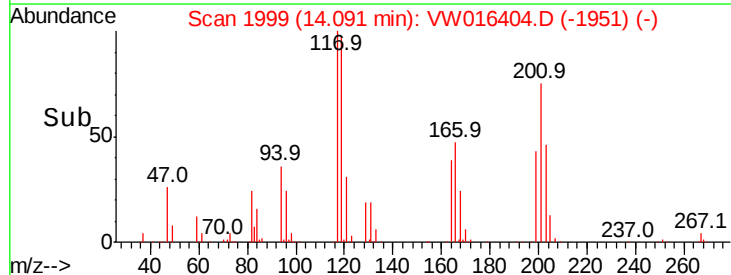
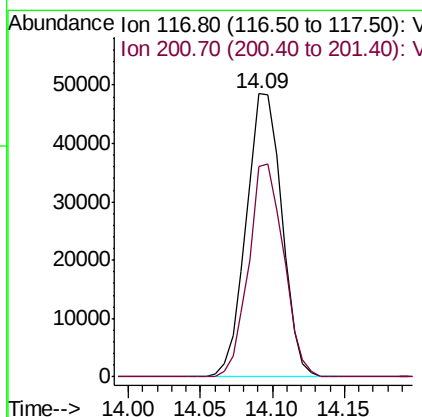
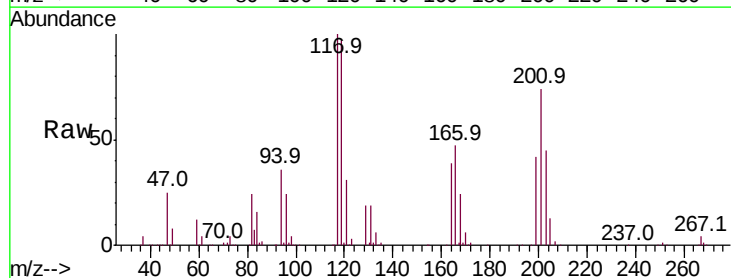
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

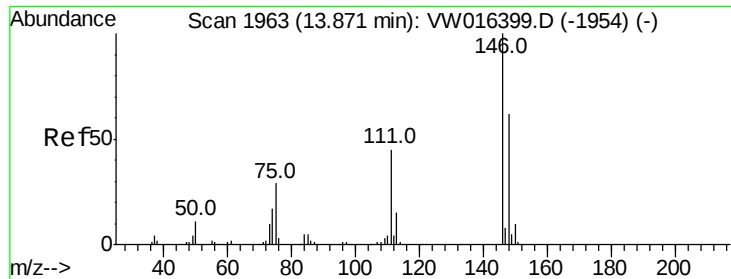
Tot Ion: 91 Resp: 396499
Ion Ratio Lower Upper
91 100
92 55.7 26.8 80.4
134 27.7 13.2 39.6



#90
Hexachloroethane
Concen: 58.016 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.01 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

Tgt Ion: 117 Resp: 83177
Ion Ratio Lower Upper
117 100
201 73.8 35.9 107.7

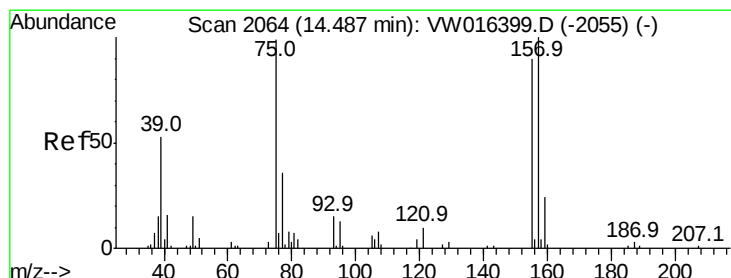
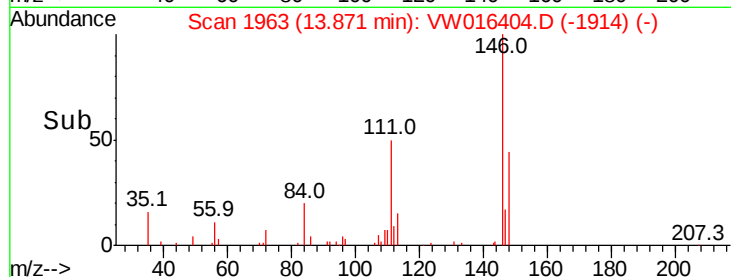
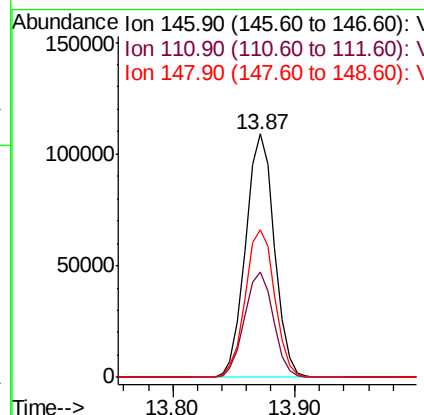
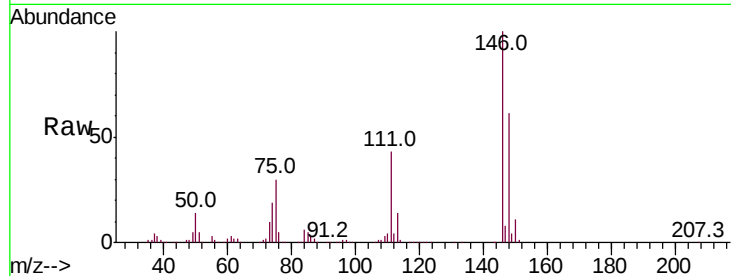




#91
 1,2-Dichlorobenzene
 Concen: 55.464 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016404.D
 Acq: 31 Aug 2020 11:44

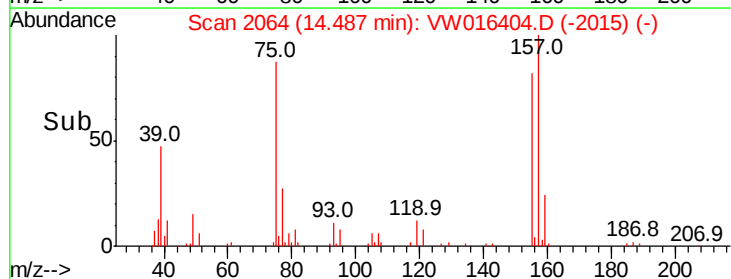
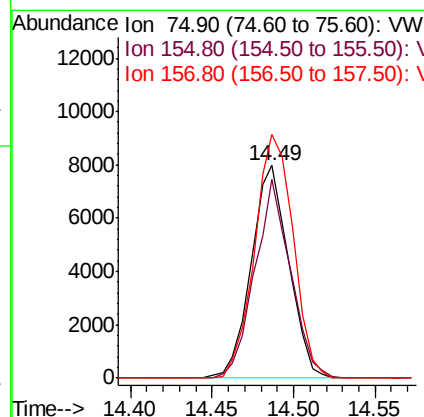
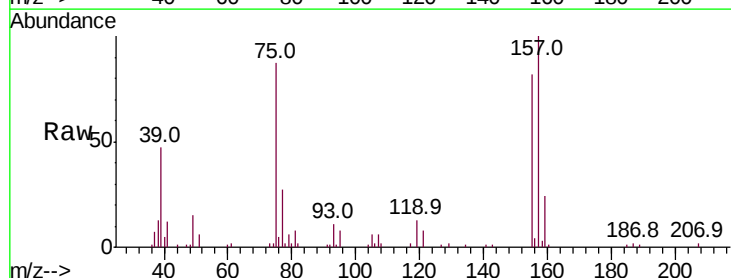
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

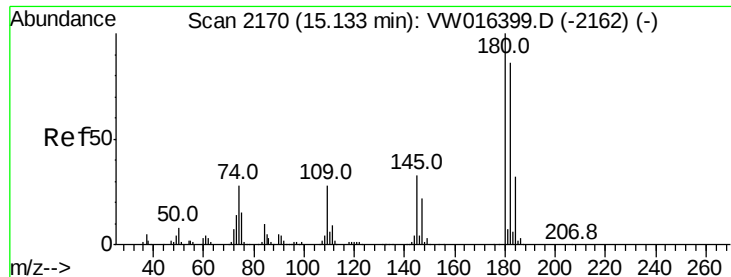
Tot Ion:146 Resp: 177730
 Ion Ratio Lower Upper
 146 100
 111 43.5 22.3 66.8
 148 62.0 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.022 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016404.D
 Acq: 31 Aug 2020 11:44

Tgt Ion: 75 Resp: 12719
 Ion Ratio Lower Upper
 75 100
 155 89.3 41.4 124.4
 157 117.6 52.1 156.4

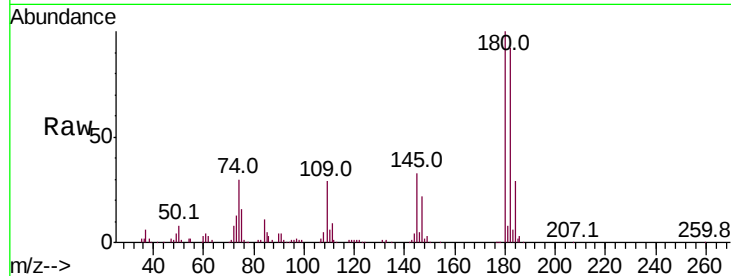




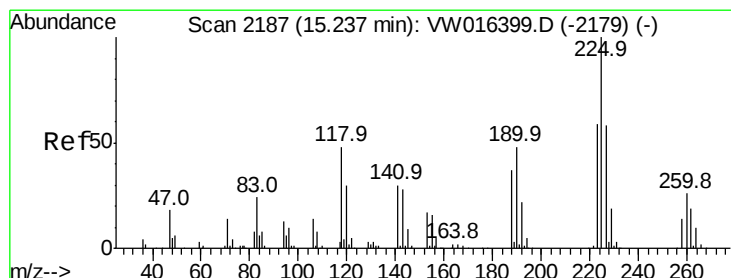
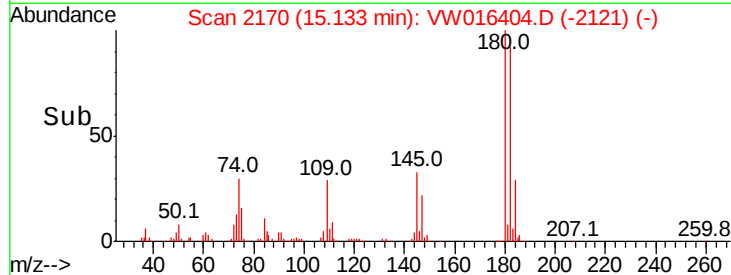
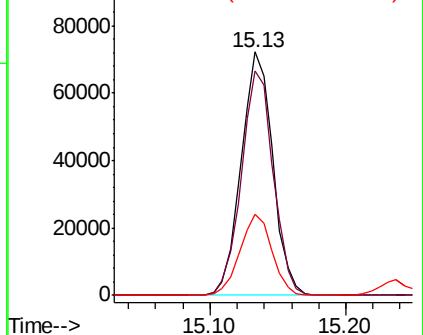
#93
 1,2,4-Trichlorobenzene
 Concen: 55.113 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016404.D
 Acq: 31 Aug 2020 11:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 117238
 Ion Ratio Lower Upper
 180 100
 182 93.6 44.9 134.7
 145 33.9 17.1 51.2

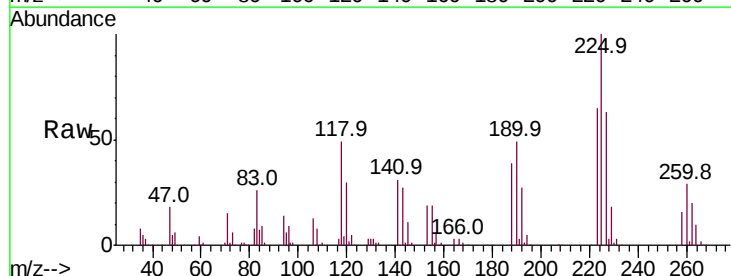


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

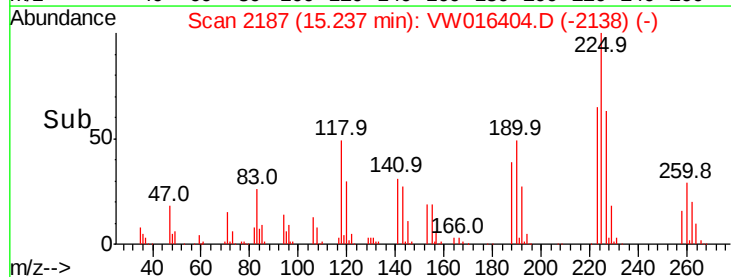
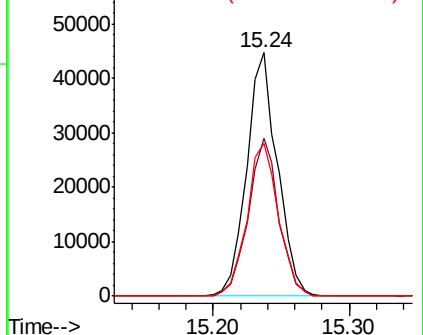


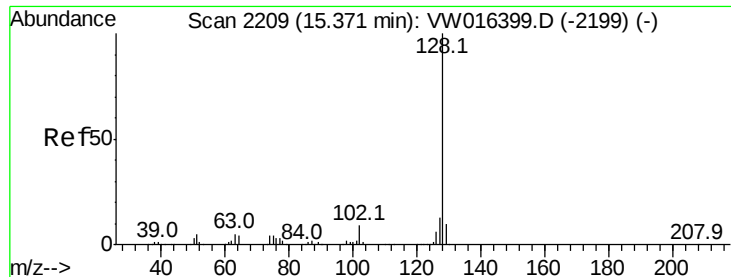
#94
 Hexachlorobutadiene
 Concen: 55.642 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016404.D
 Acq: 31 Aug 2020 11:44

Tgt Ion:225 Resp: 70664
 Ion Ratio Lower Upper
 225 100
 223 64.2 30.5 91.5
 227 64.8 30.7 92.1



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

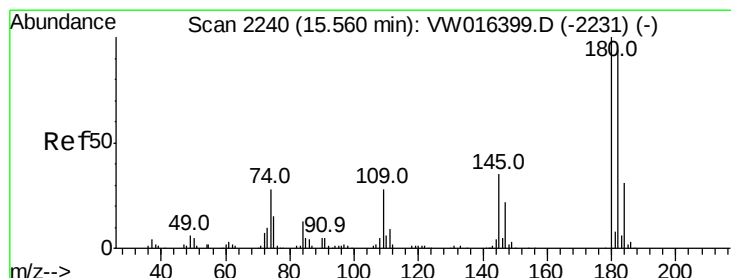
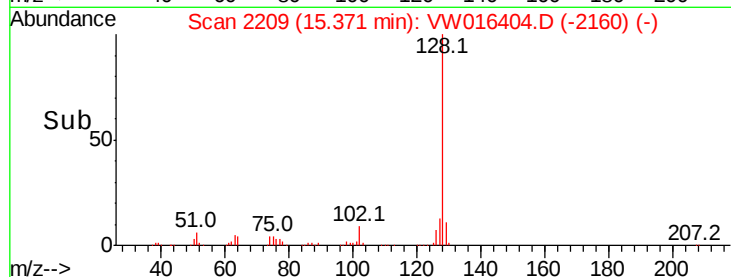
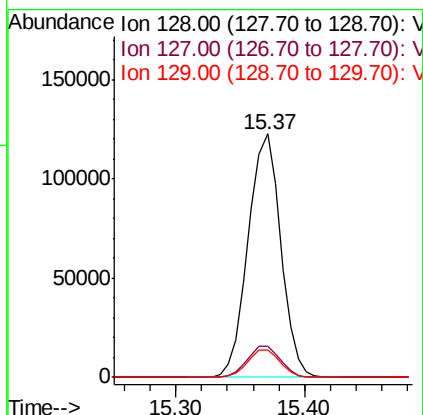
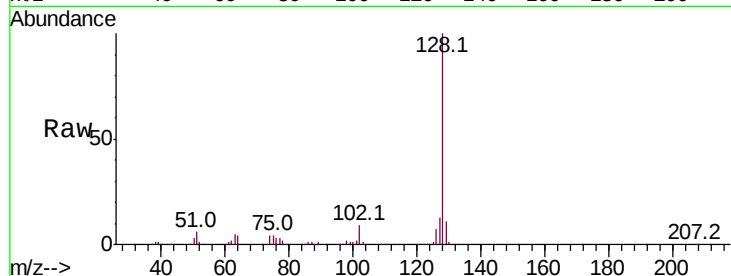




#95
Naphthalene
Concen: 54.463 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 214393
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 11.3 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 54.729 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW016404.D
Acq: 31 Aug 2020 11:44

Tgt Ion:180 Resp: 102007
Ion Ratio Lower Upper
180 100
182 96.0 46.5 139.5
145 35.6 18.1 54.3

