

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV100119\
 Data File : VW013370.D
 Acq On : 01 Oct 2019 14:20
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Quant Time: Oct 01 15:05:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 15:01:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	382002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	538974	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	467437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	236212	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	132000	45.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.62%	
35) Dibromofluoromethane	7.88	113	135919	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	
50) Toluene-d8	10.32	98	562309	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	
62) 4-Bromofluorobenzene	12.62	95	185065	46.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	66774	46.546	ug/l	100
3) Chloromethane	2.21	50	107998	39.826	ug/l	100
4) Vinyl Chloride	2.35	62	156563	43.434	ug/l	100
5) Bromomethane	2.77	94	100762	45.468	ug/l	100
6) Chloroethane	2.92	64	89140	43.805	ug/l	100
7) Trichlorofluoromethane	3.25	101	67073	42.656	ug/l	100
8) Diethyl Ether	3.68	74	78486	44.569	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	152361	43.943	ug/l	100
10) Methyl Iodide	4.27	142	252133	45.751	ug/l	100
11) Tert butyl alcohol	5.15	59	67436	110.864	ug/l	100
12) 1,1-Dichloroethene	4.04	96	160270	44.105	ug/l	100
13) Acrolein	3.89	56	69501	278.382	ug/l	100
14) Allyl chloride	4.66	41	240525	45.271	ug/l	100
15) Acrylonitrile	5.36	53	172377	213.151	ug/l	100
16) Acetone	4.12	43	194273	206.494	ug/l	100
17) Carbon Disulfide	4.38	76	464582	46.524	ug/l	100
18) Methyl Acetate	4.66	43	83372	39.034	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	237832	44.579	ug/l	100
20) Methylene Chloride	4.92	84	170155	36.014	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	171338	44.621	ug/l	100
22) Diisopropyl ether	6.31	45	475015	46.318	ug/l	100
23) Vinyl Acetate	6.25	43	1404849	228.987	ug/l	100
24) 1,1-Dichloroethane	6.21	63	285472	45.049	ug/l	100
25) 2-Butanone	7.16	43	251426	212.443	ug/l	100
26) 2,2-Dichloropropane	7.16	77	165344	37.996	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	183377	45.389	ug/l	100
28) Bromochloromethane	7.51	49	122655	56.293	ug/l	100
29) Tetrahydrofuran	7.52	42	144128	210.318	ug/l	100
30) Chloroform	7.67	83	272797	43.975	ug/l	100
31) Cyclohexane	7.95	56	282680	40.691	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	218109	44.938	ug/l	100
36) 1,1-Dichloropropene	8.08	75	233652	44.783	ug/l	100
37) Ethyl Acetate	7.25	43	100480	38.179	ug/l	100
38) Carbon Tetrachloride	8.07	117	205152	45.945	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100119\
 Data File : VW013370.D
 Acq On : 01 Oct 2019 14:20
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Quant Time: Oct 01 15:05:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 15:01:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	300685	43.927	ug/l	100
40) Benzene	8.32	78	662377	44.910	ug/l	100
41) Methacrylonitrile	7.48	41	61754	21.798	ug/l	100
42) 1,2-Dichloroethane	8.40	62	169406	45.327	ug/l	100
43) Isopropyl Acetate	8.42	43	190379	44.078	ug/l	100
44) Trichloroethene	9.09	130	188963	45.417	ug/l	100
45) 1,2-Dichloropropane	9.37	63	158574	45.460	ug/l	100
46) Dibromomethane	9.46	93	79385	45.315	ug/l	100
47) Bromodichloromethane	9.65	83	197497	46.573	ug/l	100
48) Methyl methacrylate	9.43	41	90688	44.949	ug/l	100
49) 1,4-Dioxane	9.45	88	24706	789.949	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	479723	206.094	ug/l	100
52) Toluene	10.38	92	429915	45.673	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	206806	48.220	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	250387	47.544	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	115796	44.457	ug/l	100
56) Ethyl methacrylate	10.65	69	160718	46.887	ug/l	100
57) 1,3-Dichloropropane	10.93	76	202082	44.101	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	337767	238.853	ug/l	100
59) 2-Hexanone	10.97	43	357548	230.196	ug/l	100
60) Dibromochloromethane	11.13	129	139079	48.215	ug/l	100
61) 1,2-Dibromoethane	11.24	107	114267	44.990	ug/l	100
64) Tetrachloroethene	10.86	164	163832	43.862	ug/l	100
65) Chlorobenzene	11.66	112	447001	44.622	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	156114	47.046	ug/l	100
67) Ethyl Benzene	11.73	91	808682	45.170	ug/l	100
68) m/p-Xylenes	11.83	106	616348	88.916	ug/l	100
69) o-Xylene	12.16	106	285516	45.209	ug/l	100
70) Styrene	12.18	104	510417	47.063	ug/l	100
71) Bromoform	12.35	173	83225	46.093	ug/l #	100
73) Isopropylbenzene	12.46	105	798594	44.903	ug/l	100
74) N-amyl acetate	12.27	43	166706	43.455	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	126007	41.306	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	162998	76.308	ug/l #	100
77) Bromobenzene	12.74	156	185914	43.918	ug/l	100
78) n-propylbenzene	12.80	91	901511	44.256	ug/l	100
79) 2-Chlorotoluene	12.89	91	512085	44.479	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	675308	45.109	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	40673	44.416	ug/l	100
82) 4-Chlorotoluene	12.99	91	522807	44.082	ug/l	100
83) tert-Butylbenzene	13.21	119	584322	44.390	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	653105	43.996	ug/l	100
85) sec-Butylbenzene	13.38	105	794672	43.754	ug/l	100
86) p-Isopropyltoluene	13.50	119	737655	43.796	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	362415	44.224	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	358872	44.030	ug/l	100
89) n-Butylbenzene	13.82	91	682301	44.904	ug/l	100
90) Hexachloroethane	14.09	117	125179	45.452	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	321521	44.649	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	19411	41.402	ug/l	100

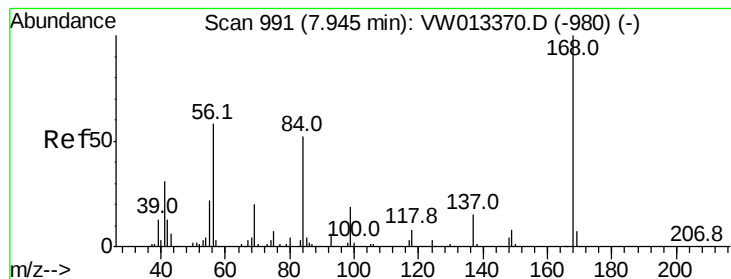
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100119\
Data File : VW013370.D
Acq On : 01 Oct 2019 14:20
Operator : SY/VA
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Quant Time: Oct 01 15:05:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 15:01:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	237491	47.235	ug/l	100
94) Hexachlorobutadiene	15.24	225	146353	43.203	ug/l	100
95) Naphthalene	15.37	128	393999	47.701	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	200388	45.569	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

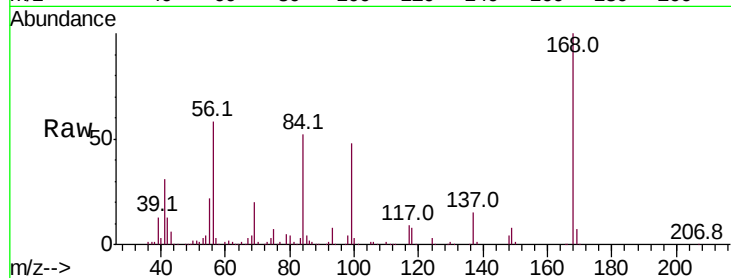
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion:168 Resp: 382002

Ion Ratio Lower Upper

168 100

99 48.4 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

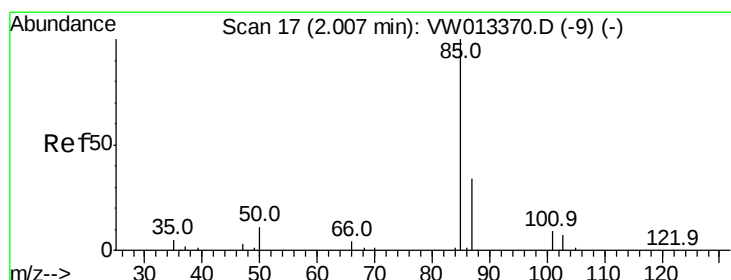
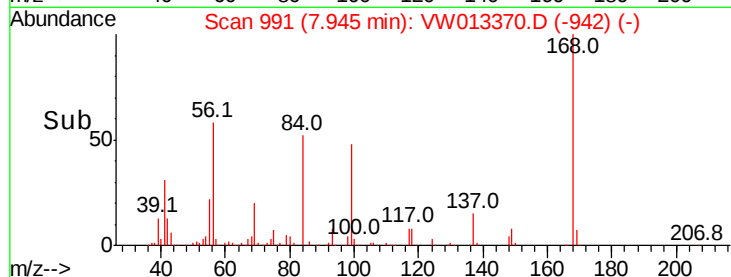
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 46.546 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW013370.D

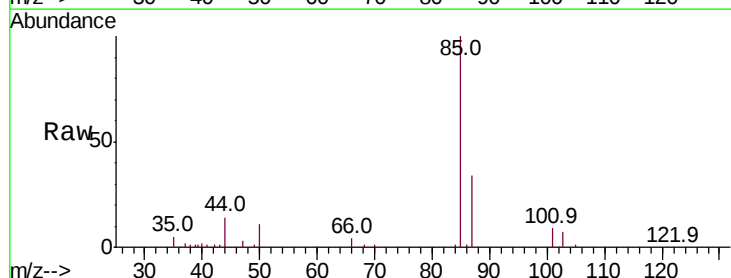
Acq: 01 Oct 2019 14:20

Tgt Ion: 85 Resp: 66774

Ion Ratio Lower Upper

85 100

87 34.5 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

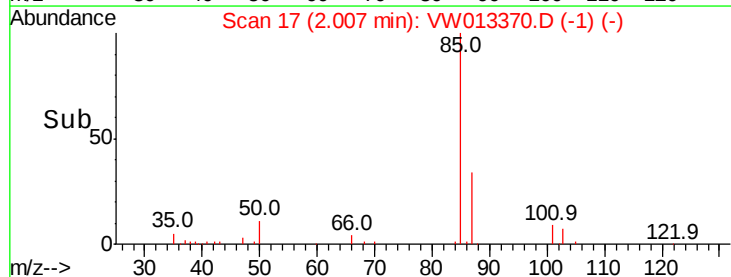
15000

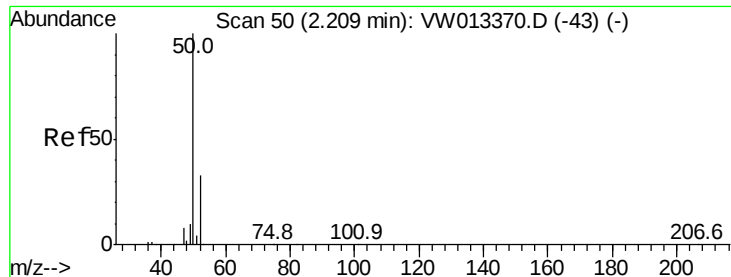
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 39.826 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

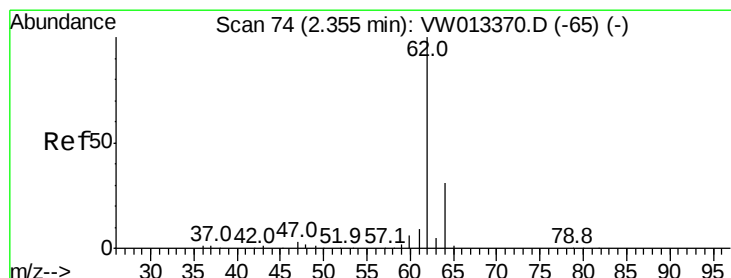
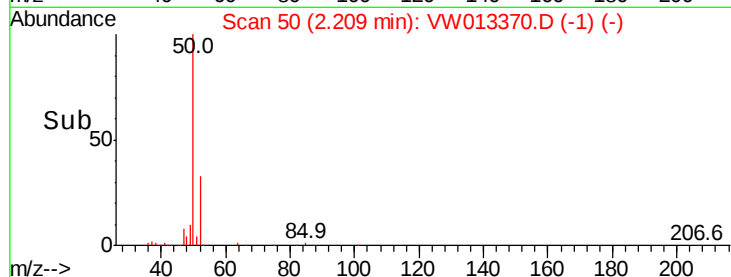
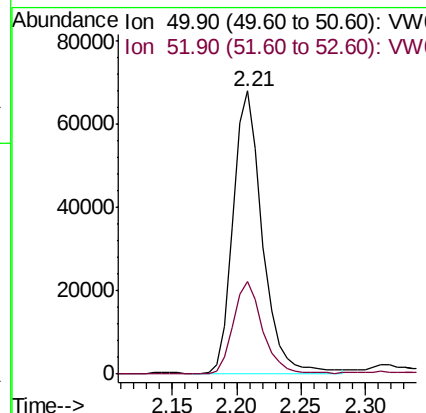
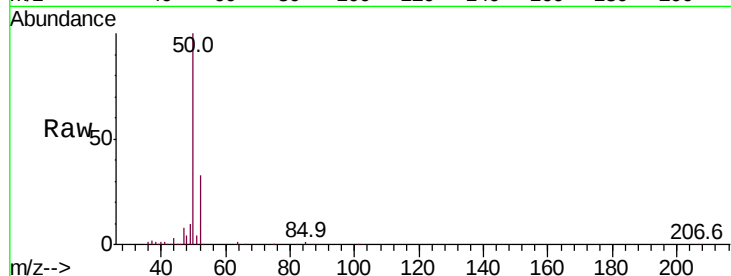
VSTDICCC050

Tot Ion: 50 Resp: 107998

Ion Ratio Lower Upper

50 100

52 32.9 26.3 39.5



#4

Vinyl Chloride

Concen: 43.434 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW013370.D

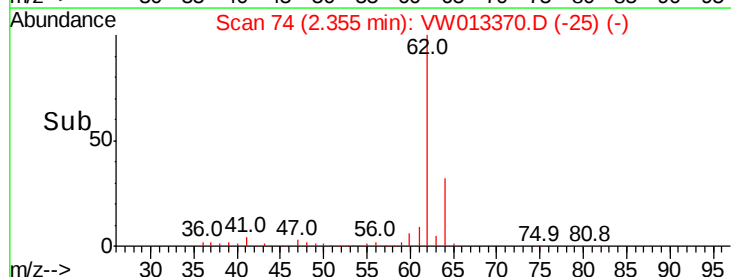
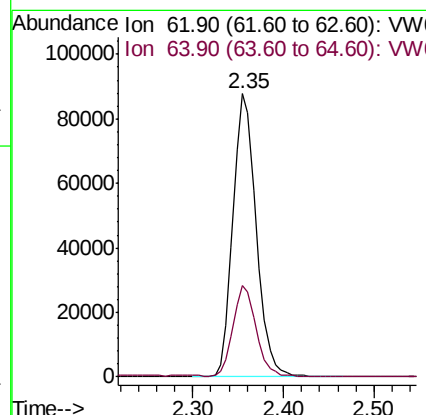
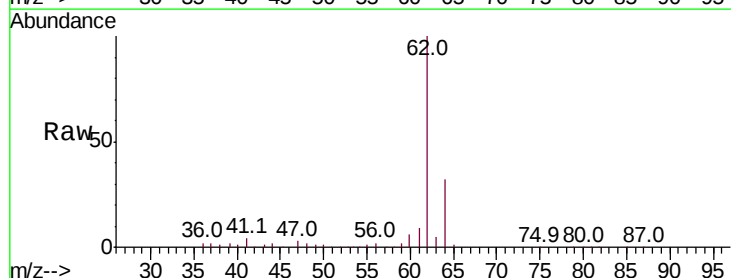
Acq: 01 Oct 2019 14:20

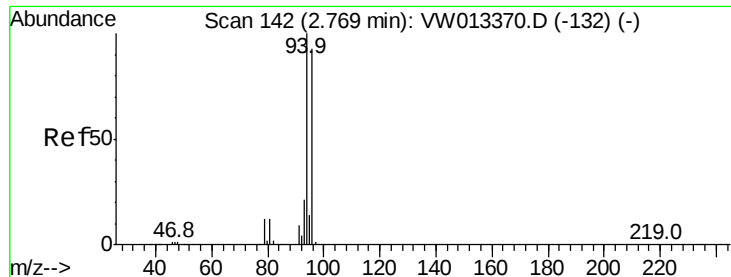
Tgt Ion: 62 Resp: 156563

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.2





#5

Bromomethane

Concen: 45.468 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

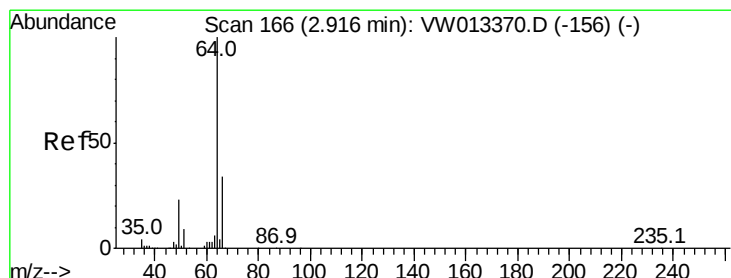
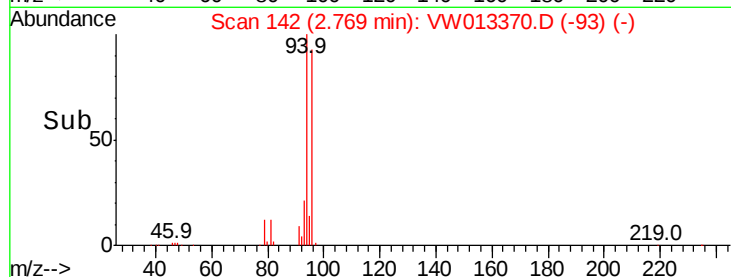
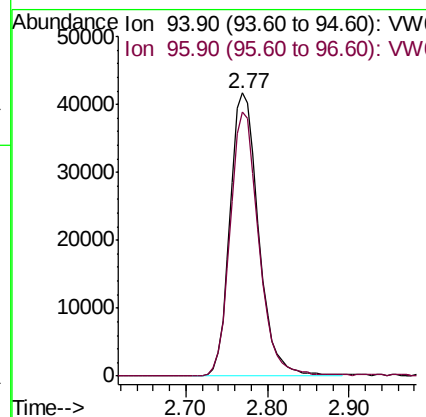
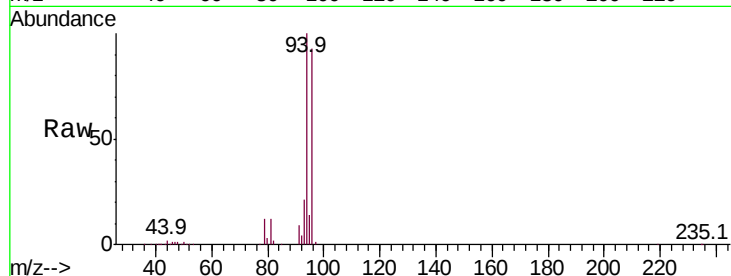
VSTDICCC050

Tot Ion: 94 Resp: 100762

Ion Ratio Lower Upper

94 100

96 93.5 74.8 112.2



#6

Chloroethane

Concen: 43.805 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW013370.D

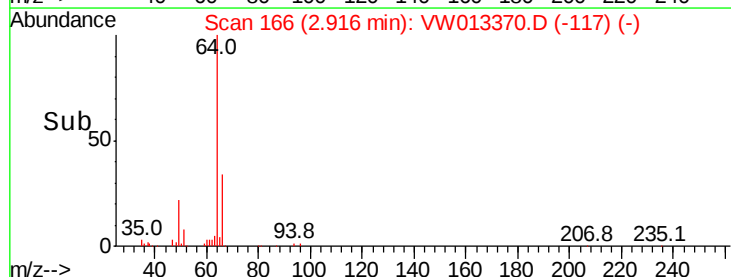
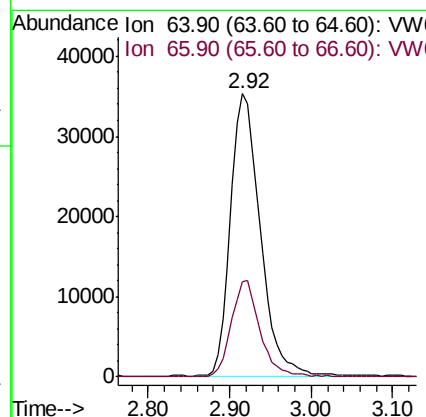
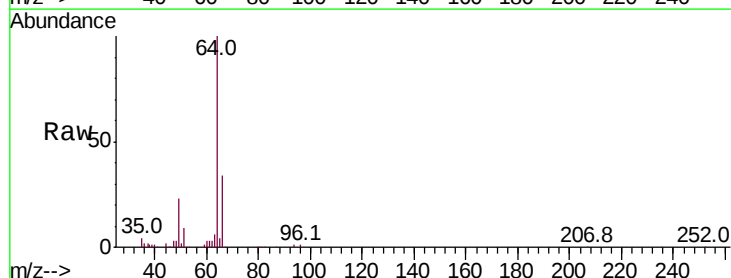
Acq: 01 Oct 2019 14:20

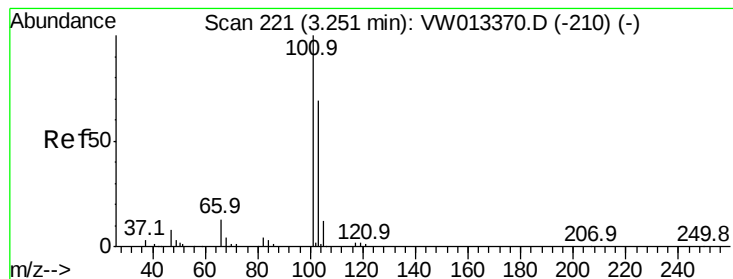
Tgt Ion: 64 Resp: 89140

Ion Ratio Lower Upper

64 100

66 33.6 26.9 40.3



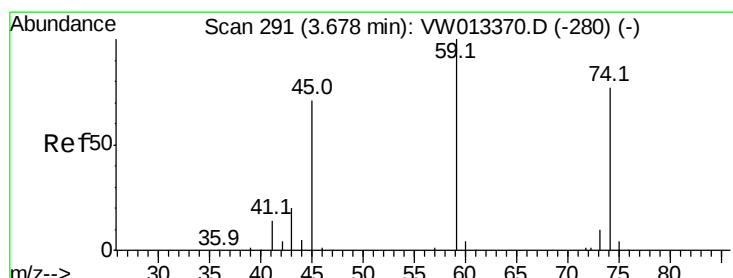
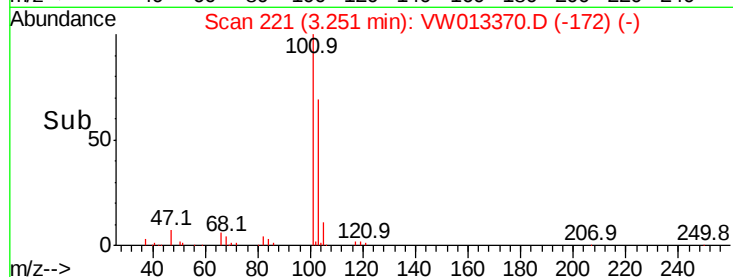
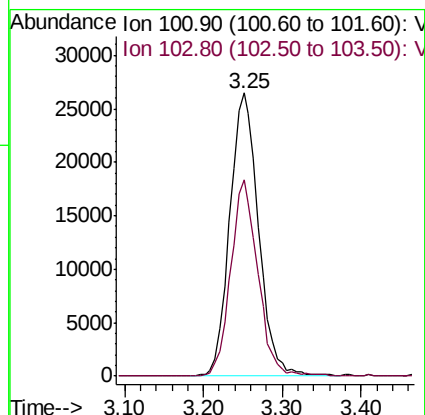
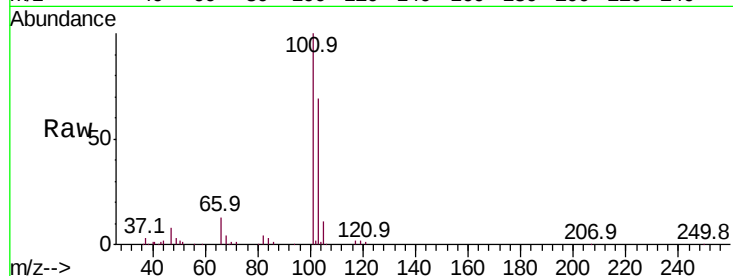


#7

Trichlorofluoromethane
Concen: 42.656 ug/l
RT: 3.25 min Scan# 221
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

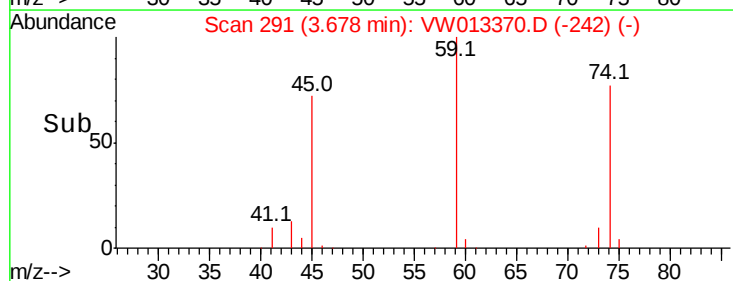
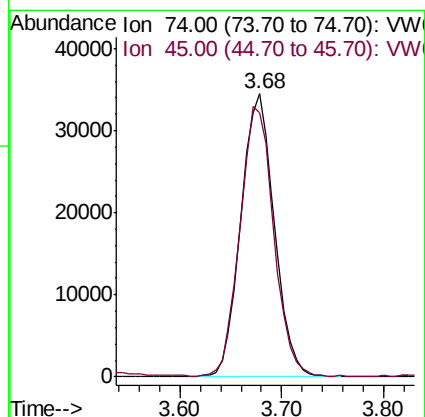
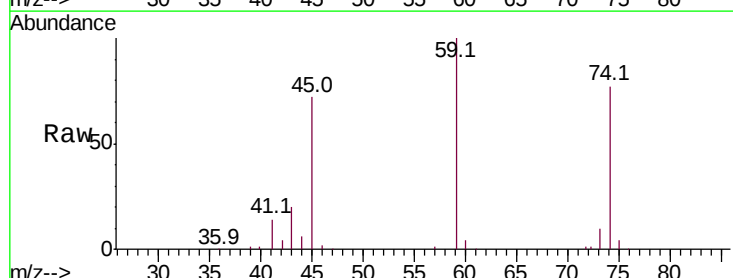
Tot Ion:101 Resp: 67073
Ion Ratio Lower Upper
101 100
103 69.1 55.3 82.9

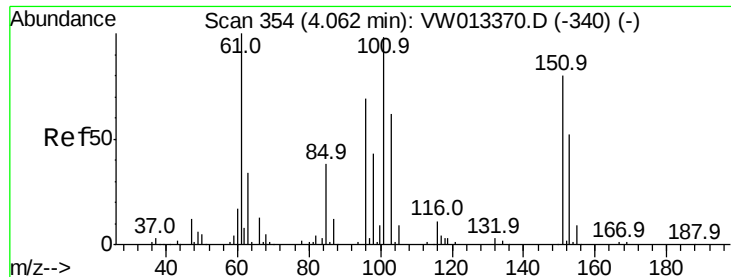


#8

Diethyl Ether
Concen: 44.569 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Tgt Ion: 74 Resp: 78486
Ion Ratio Lower Upper
74 100
45 96.1 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.943 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

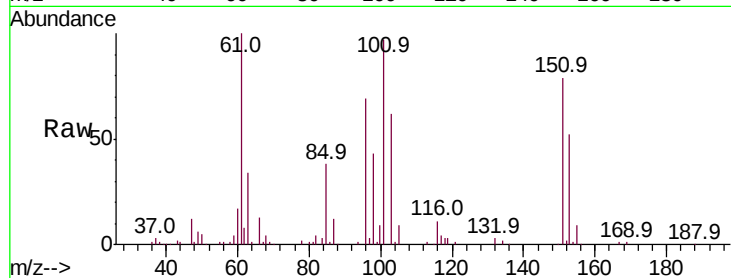
Tot Ion:101 Resp: 152361

Ion Ratio Lower Upper

101 100

85 39.9 31.9 47.9

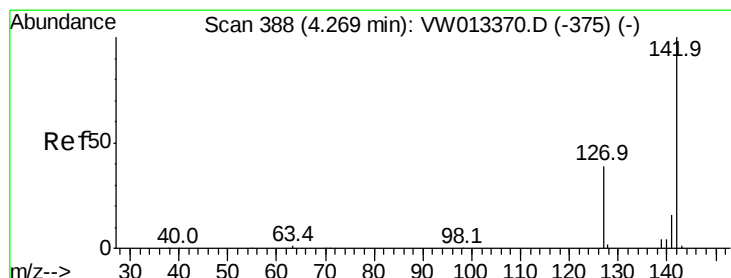
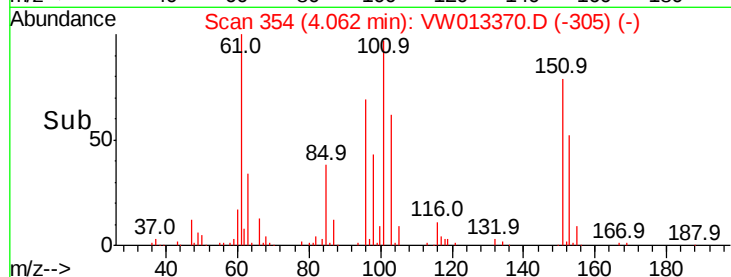
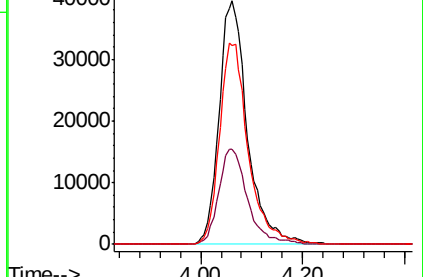
151 83.8 67.0 100.6



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: 45.751 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

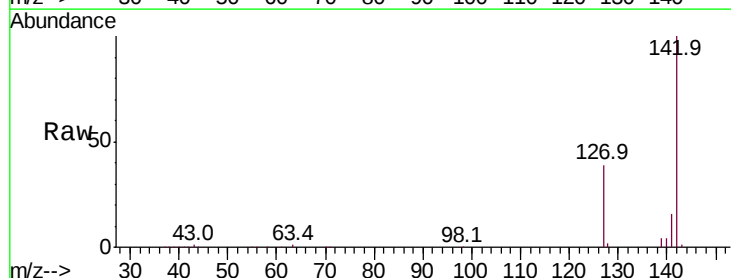
Tgt Ion:142 Resp: 252133

Ion Ratio Lower Upper

142 100

127 37.6 30.1 45.1

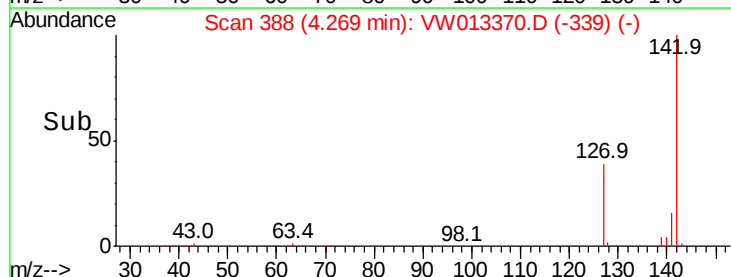
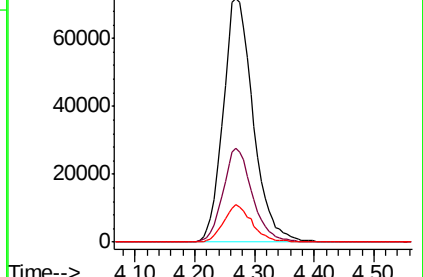
141 14.6 11.7 17.5

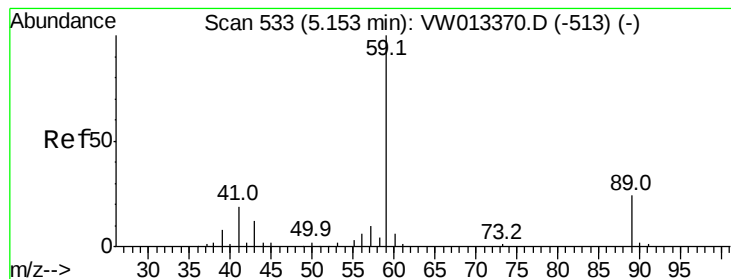


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



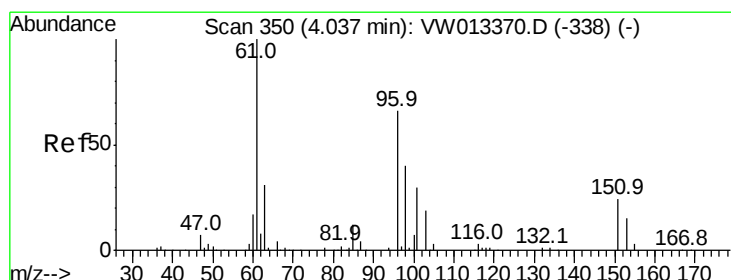
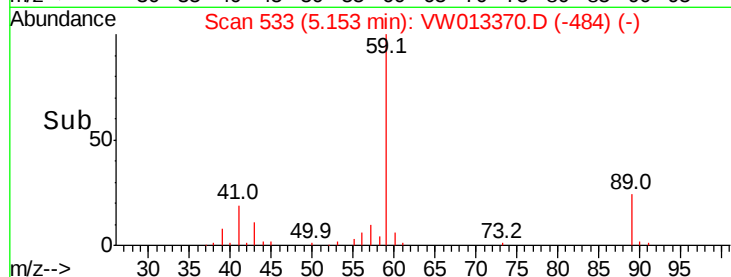
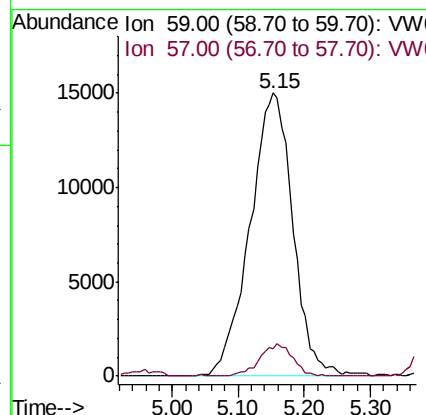
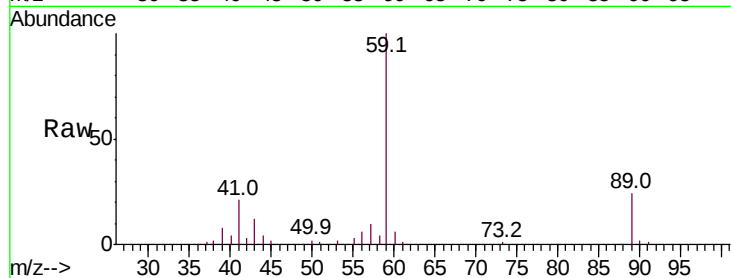


#11

Tert butyl alcohol
 Concen: 110.864 ug/l
 RT: 5.15 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

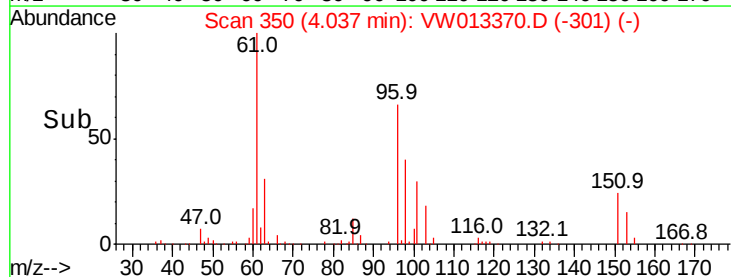
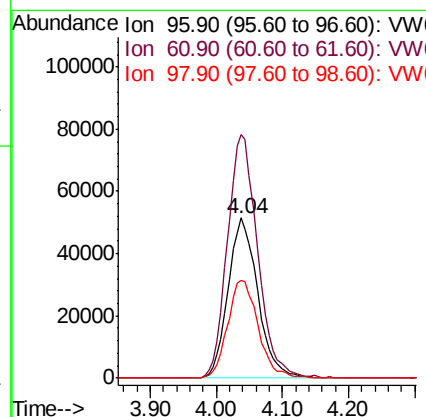
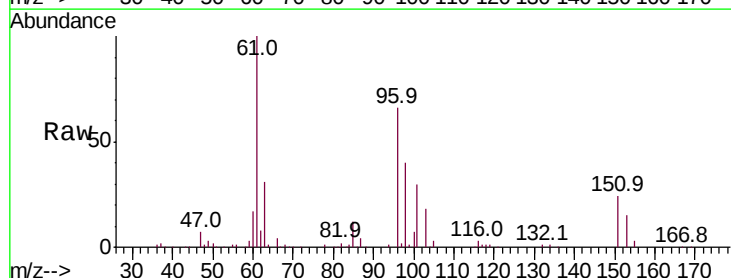
Tot Ion: 59 Resp: 67436
 Ion Ratio Lower Upper
 59 100
 57 8.9 7.1 10.7

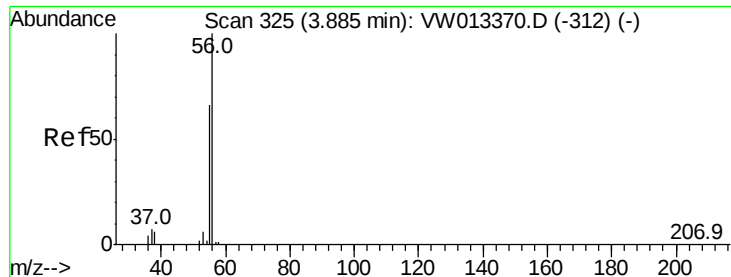


#12

1,1-Dichloroethene
 Concen: 44.105 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

Tgt Ion: 96 Resp: 160270
 Ion Ratio Lower Upper
 96 100
 61 151.8 121.4 182.2
 98 61.1 48.9 73.3

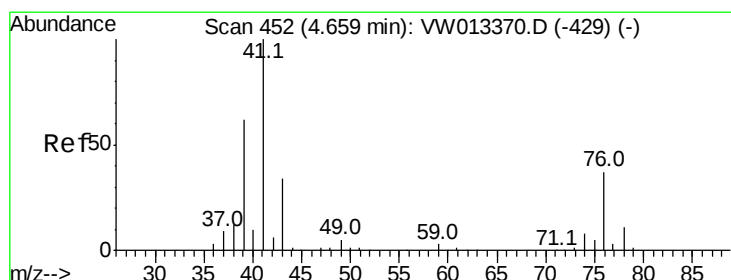
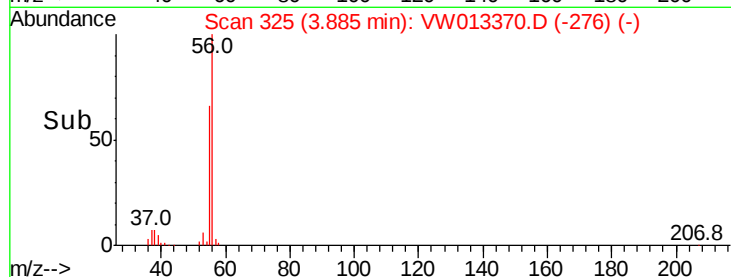
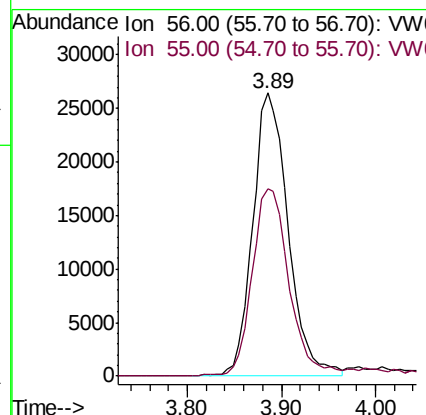
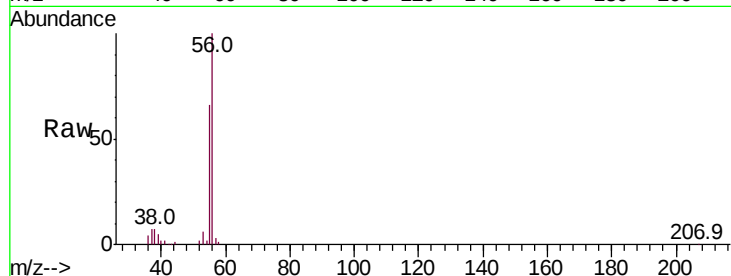




#13
Acrolein
Concen: 278.382 ug/l
RT: 3.89 min Scan# 325
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

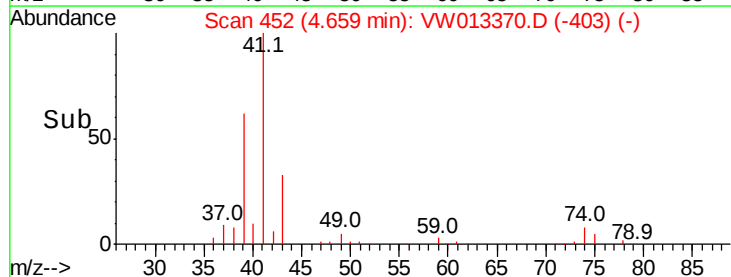
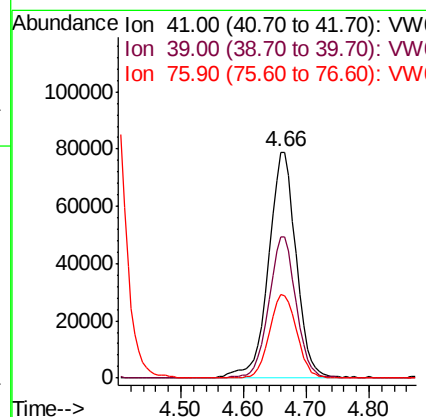
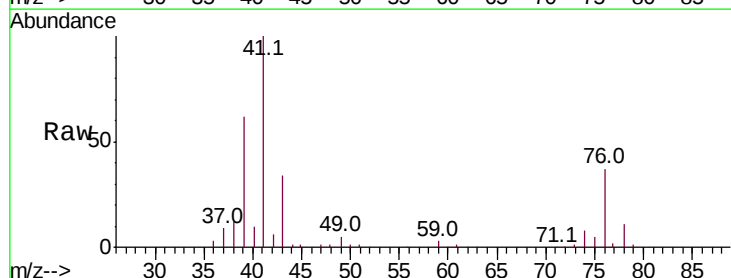
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

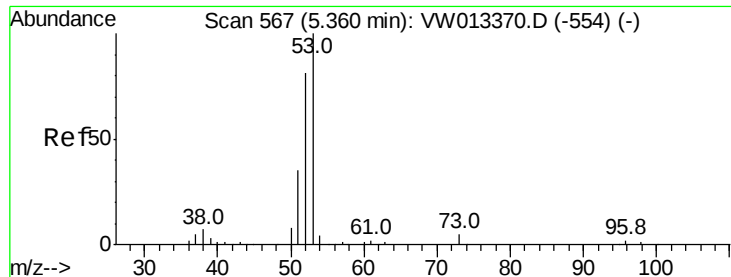
Tot Ion: 56 Resp: 69501
Ion Ratio Lower Upper
56 100
55 69.1 55.3 82.9



#14
Allyl chloride
Concen: 45.271 ug/l
RT: 4.66 min Scan# 452
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Tgt Ion: 41 Resp: 240525
Ion Ratio Lower Upper
41 100
39 61.7 49.4 74.0
76 36.4 29.1 43.7





#15

Acrylonitrile

Concen: 213.151 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :

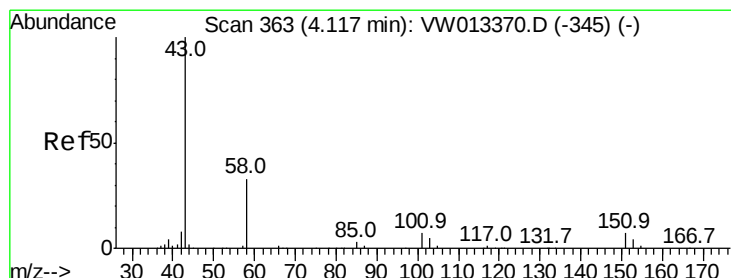
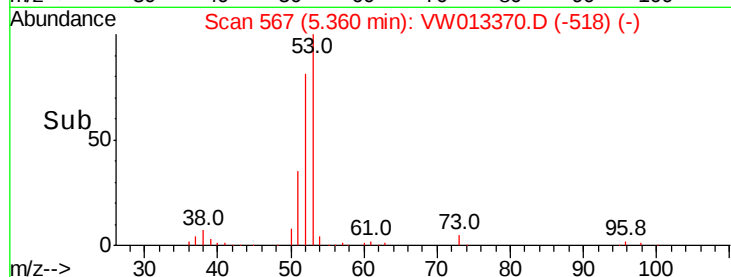
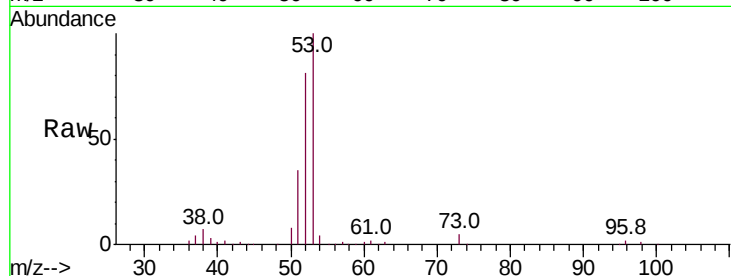
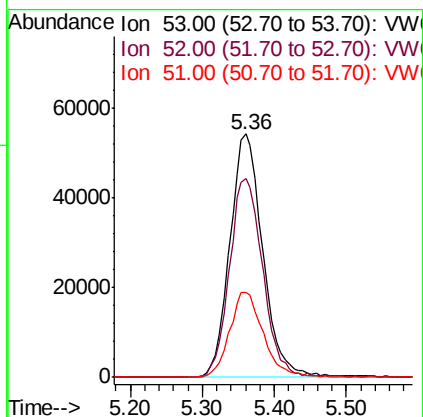
MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 53 Resp: 172377

Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.8	98.8
51	35.9	28.7	43.1



#16

Acetone

Concen: 206.494 ug/l

RT: 4.12 min Scan# 363

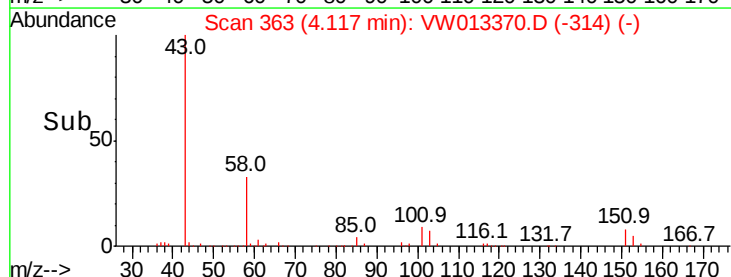
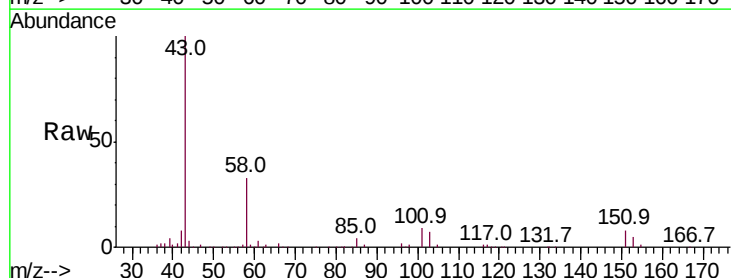
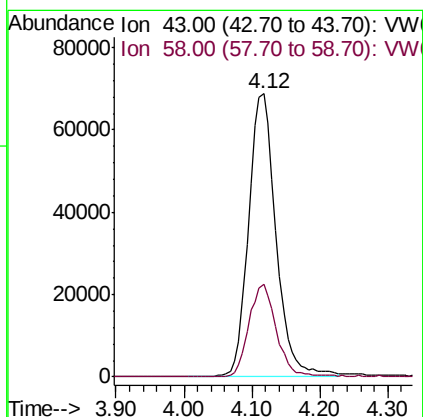
Delta R.T. 0.00 min

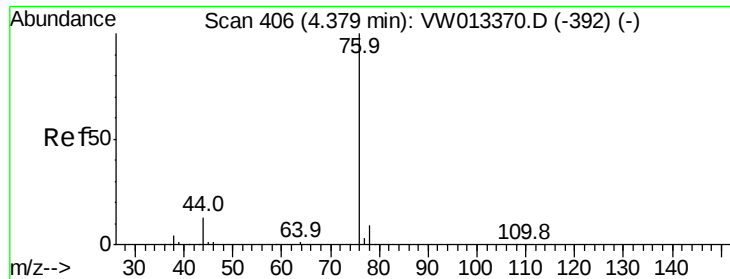
Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Tgt Ion: 43 Resp: 194273

Ion	Ratio	Lower	Upper
43	100		
58	32.8	26.2	39.4

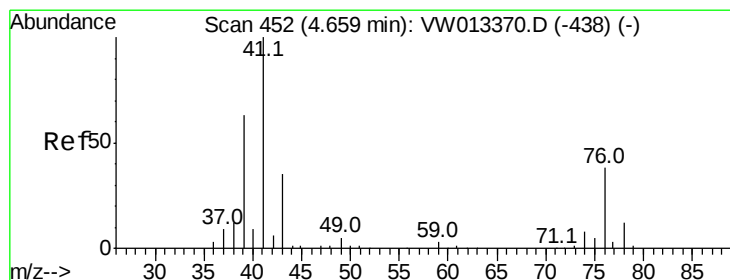
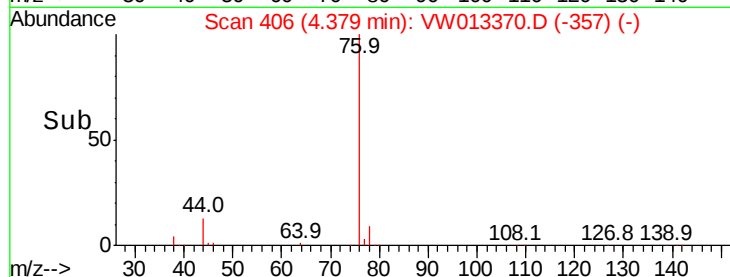
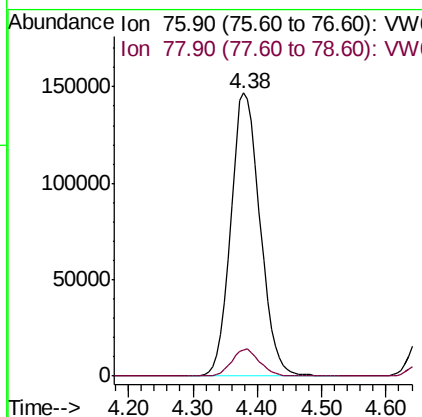
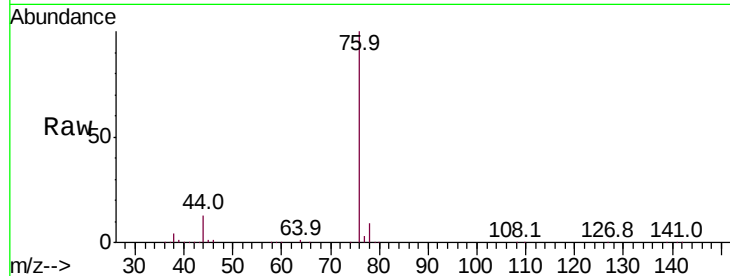




#17
Carbon Disulfide
Concen: 46.524 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

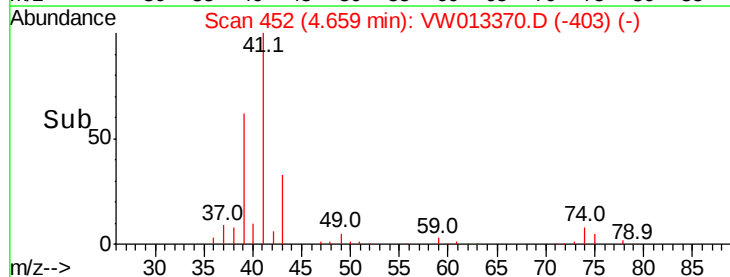
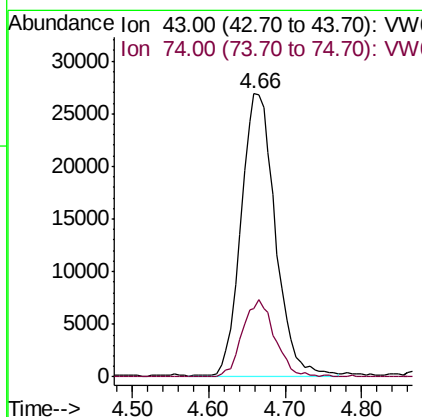
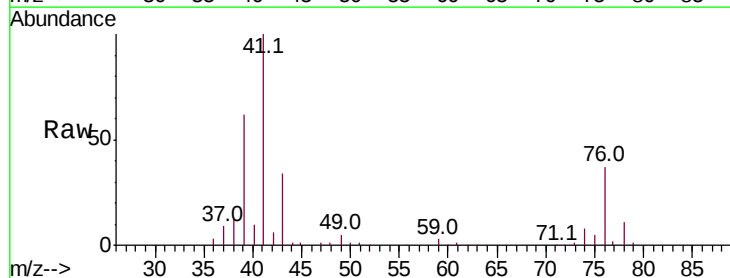
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

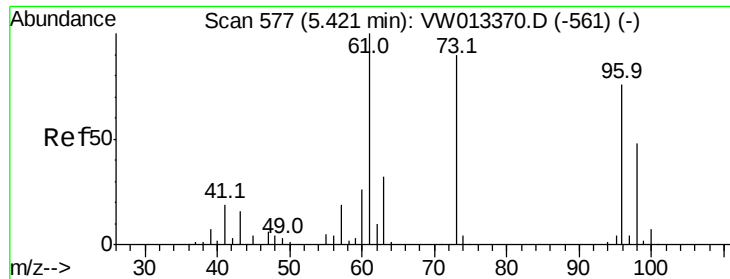
Tot Ion: 76 Resp: 464582
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 39.034 ug/l
RT: 4.66 min Scan# 452
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Tgt Ion: 43 Resp: 83372
Ion Ratio Lower Upper
43 100
74 26.0 20.8 31.2

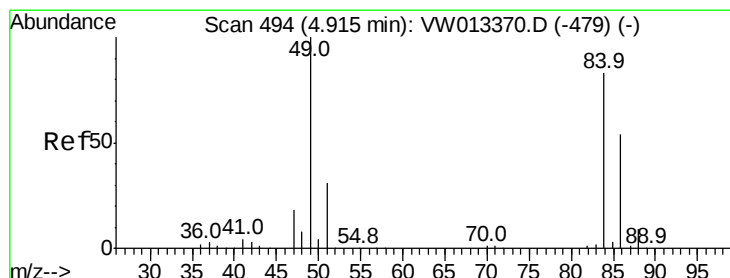
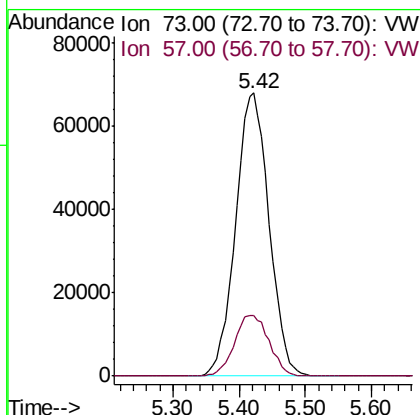
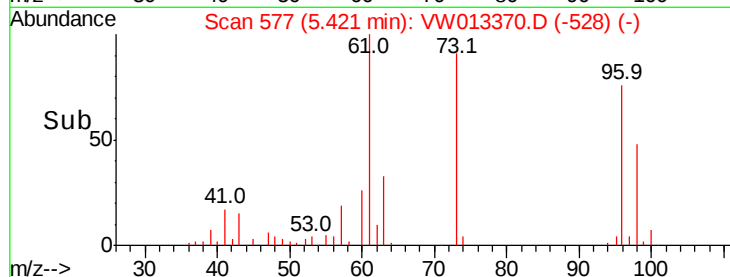
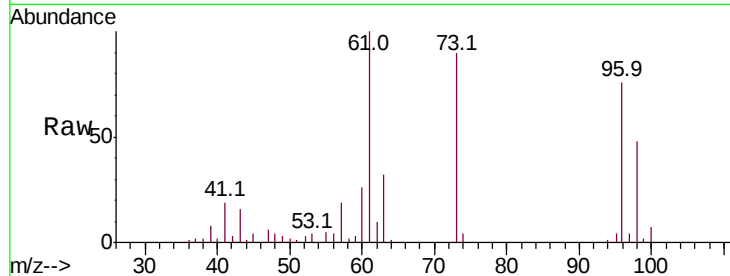




#19
Methvl tert-butvl Ether
Concen: 44.579 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

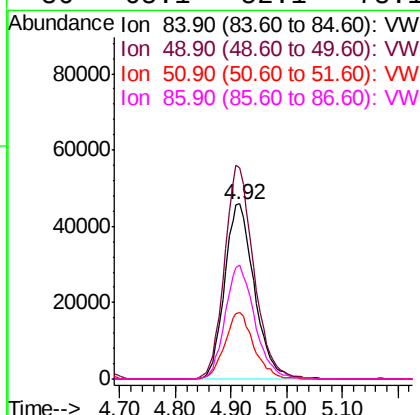
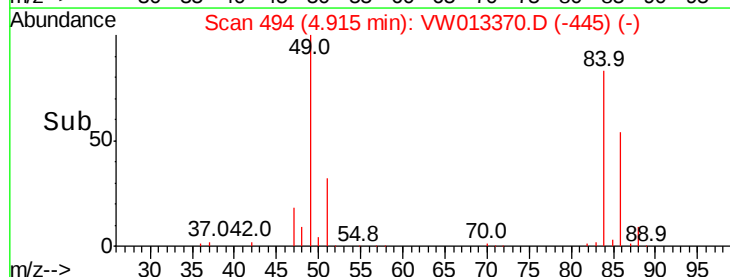
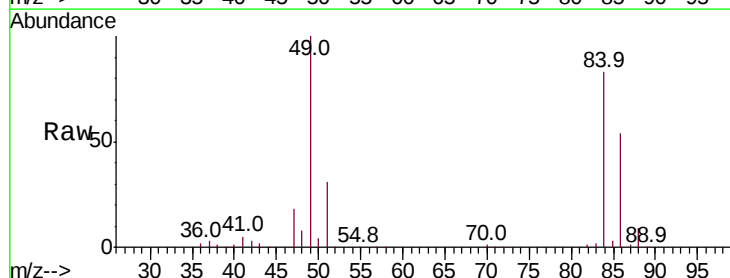
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

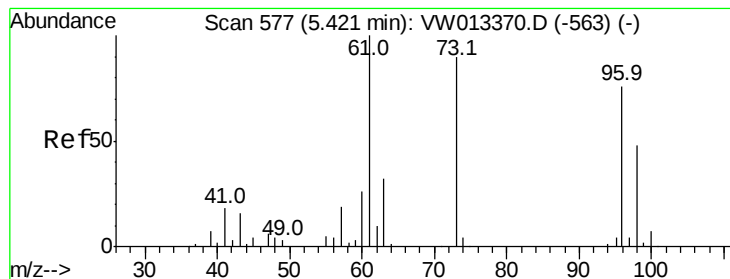
Tot Ion: 73 Resp: 237832
Ion Ratio Lower Upper
73 100
57 21.4 17.1 25.7



#20
Methylene Chloride
Concen: 36.014 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Tgt Ion: 84 Resp: 170155
Ion Ratio Lower Upper
84 100
49 120.4 96.3 144.5
51 37.8 30.2 45.4
86 65.1 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 44.621 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

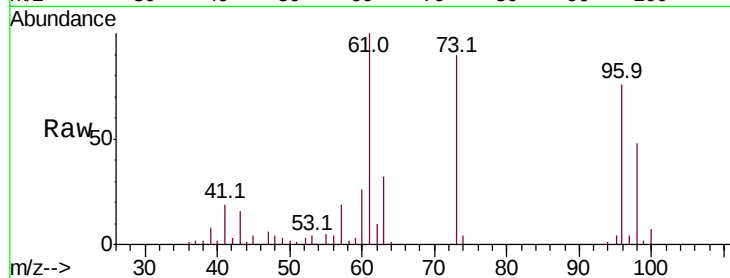
Tot Ion: 96 Resp: 171338

Ion Ratio Lower Upper

96 100

61 131.7 105.4 158.0

98 63.3 50.6 76.0

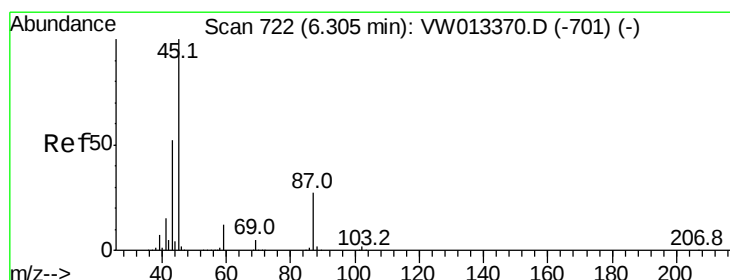
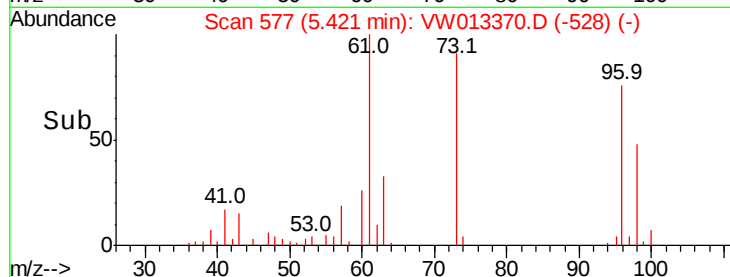
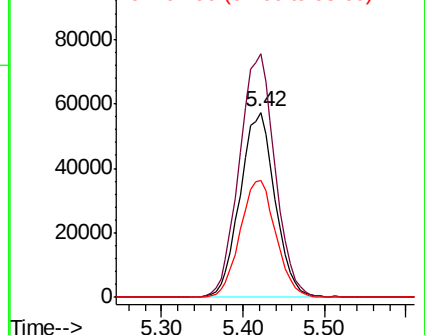


Abundance

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



#22

Diisopropyl ether

Concen: 46.318 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Tgt Ion: 45 Resp: 475015

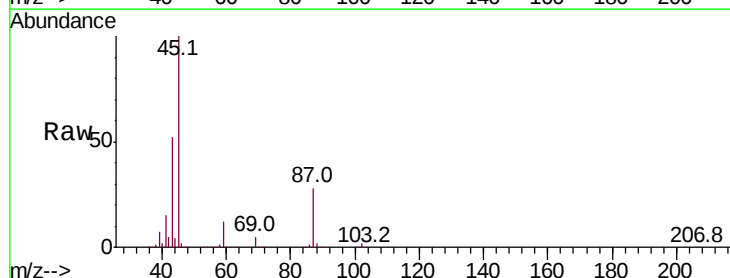
Ion Ratio Lower Upper

45 100

43 51.6 41.3 61.9

87 27.6 22.1 33.1

59 12.2 9.8 14.6



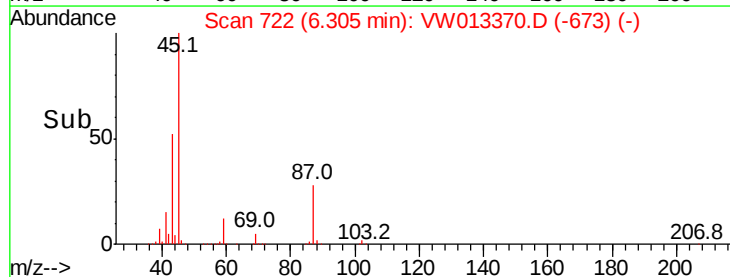
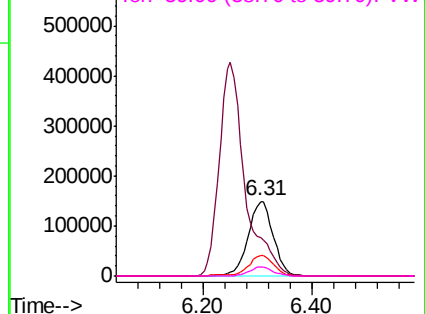
Abundance

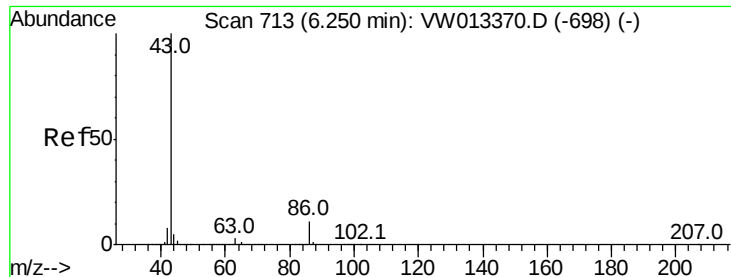
Ion 45.00 (44.70 to 45.70): VW

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: 228.987 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

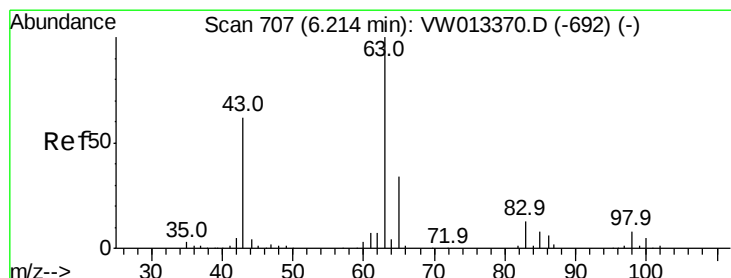
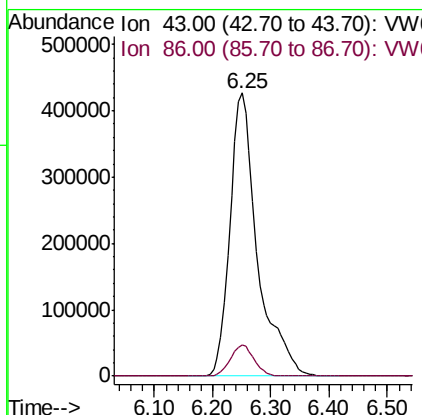
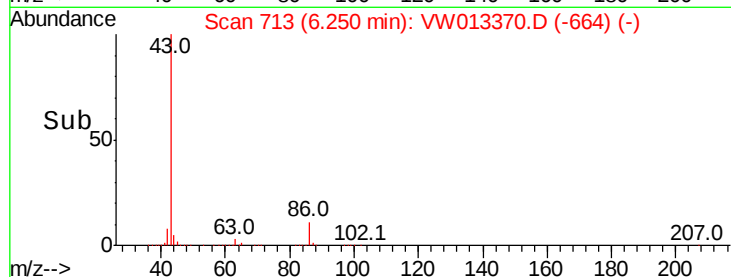
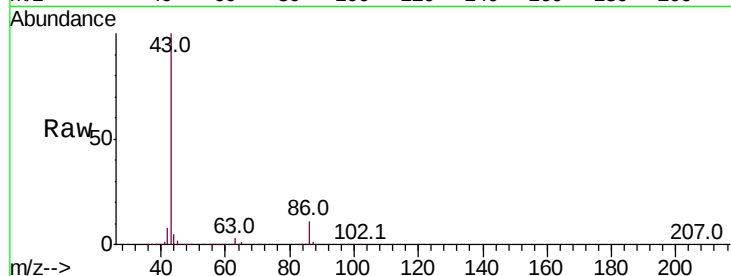
VSTDICCC050

Tot Ion: 43 Resp: 1404849

Ion Ratio Lower Upper

43 100

86 11.0 8.8 13.2



#24

1,1-Dichloroethane

Concen: 45.049 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

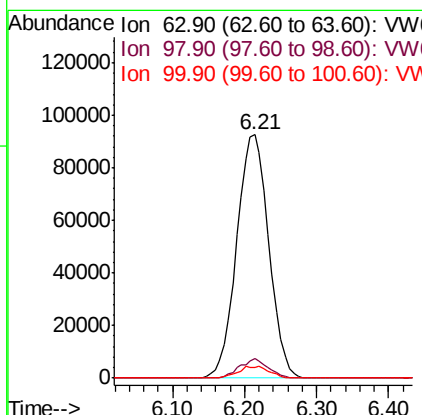
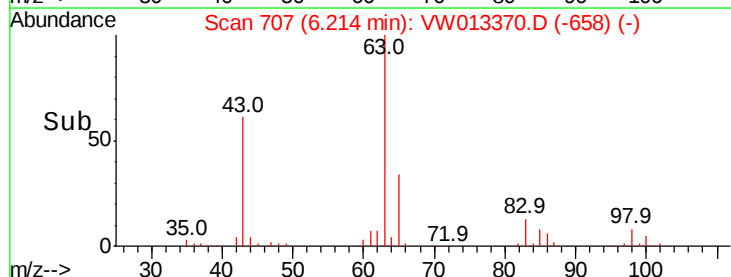
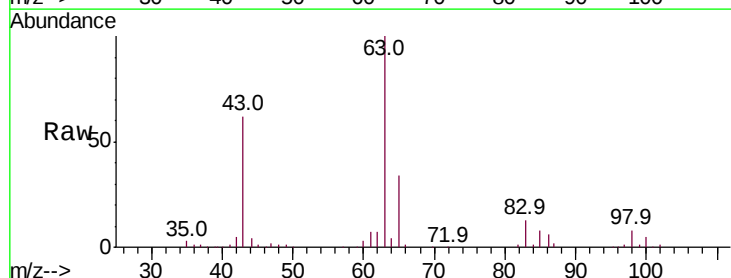
Tgt Ion: 63 Resp: 285472

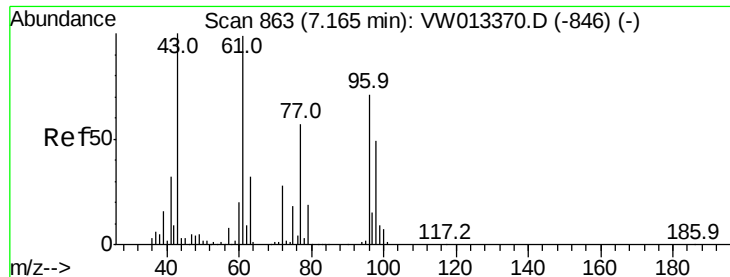
Ion Ratio Lower Upper

63 100

98 8.1 4.0 12.2

100 4.6 2.3 6.9





#25

2-Butanone

Concen: 212.443 ug/l

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

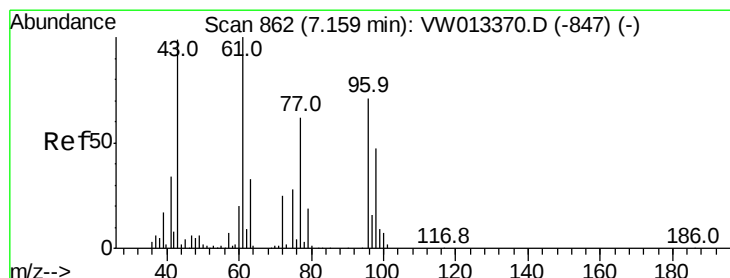
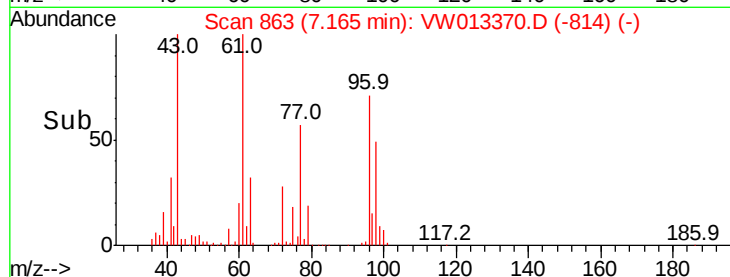
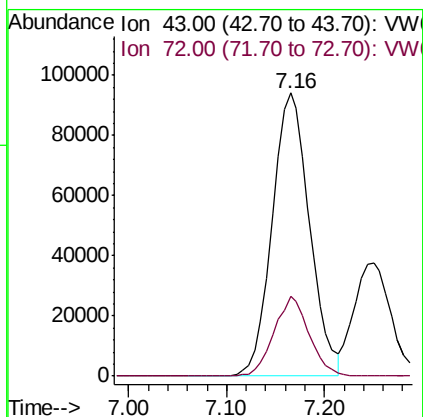
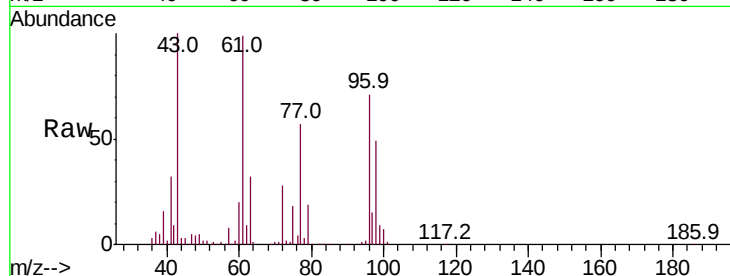
Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion: 43 Resp: 251426

Ion Ratio Lower Upper

43 100

72 28.2 22.6 33.8



#26

2,2-Dichloropropane

Concen: 37.996 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW013370.D

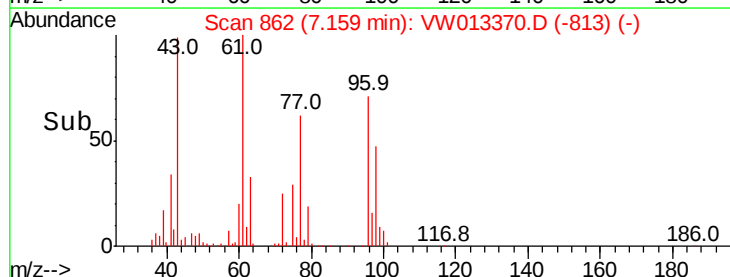
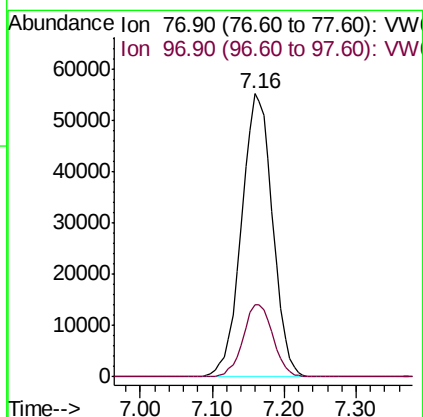
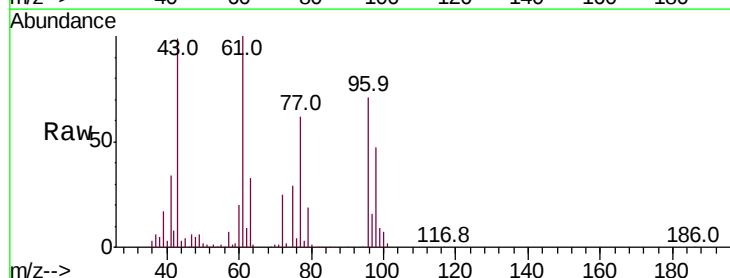
Acq: 01 Oct 2019 14:20

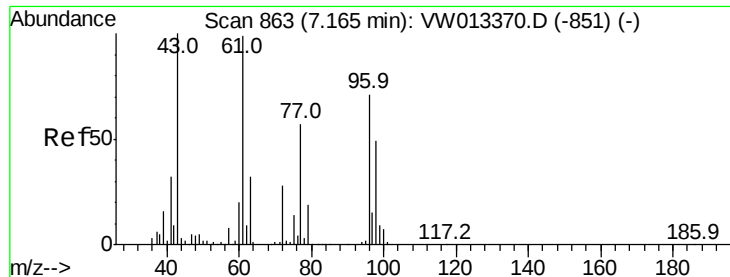
Tgt Ion: 77 Resp: 165344

Ion Ratio Lower Upper

77 100

97 24.5 12.3 36.8



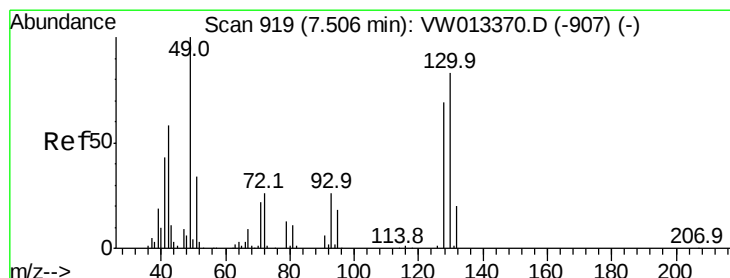
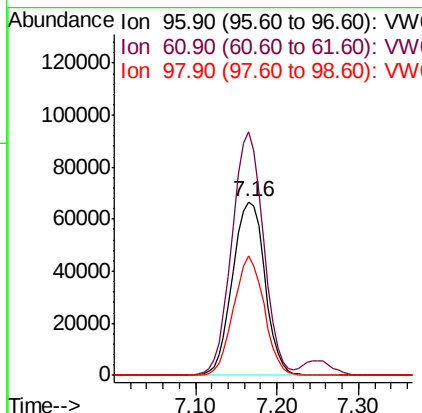
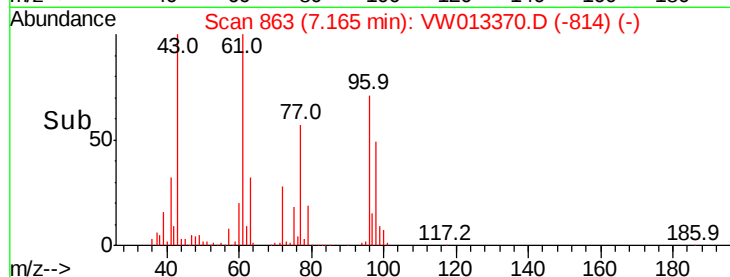
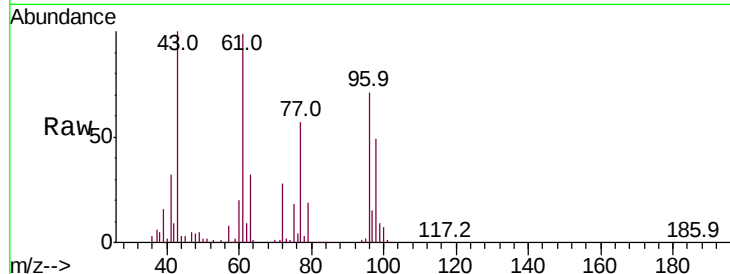


#27

cis-1,2-Dichloroethene
 Concen: 45.389 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

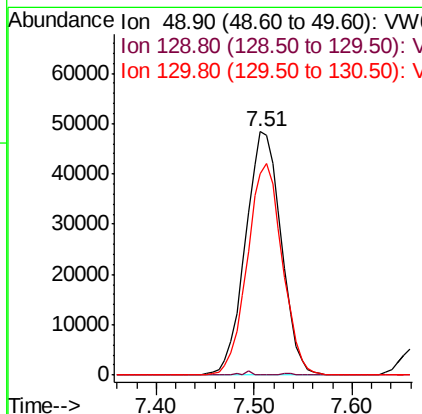
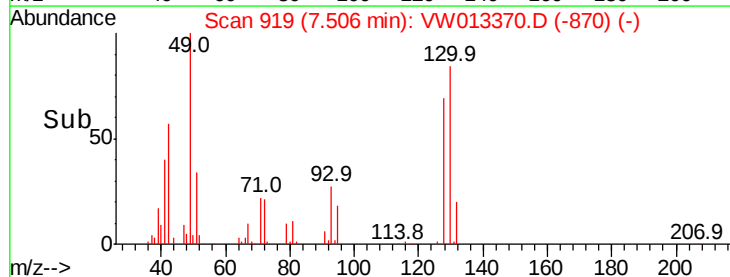
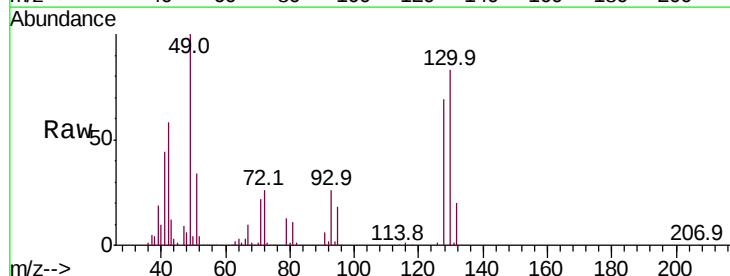
Tot Ion	Ratio	Lower	Upper
96	100		
61	136.6	0.0	273.2
98	65.0	0.0	130.0

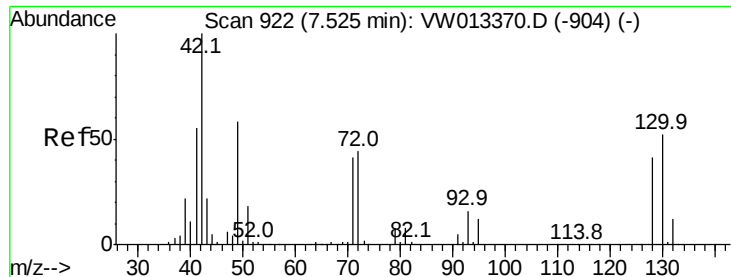


#28

Bromochloromethane
 Concen: 56.293 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	0.8
130	85.4	68.3	102.5

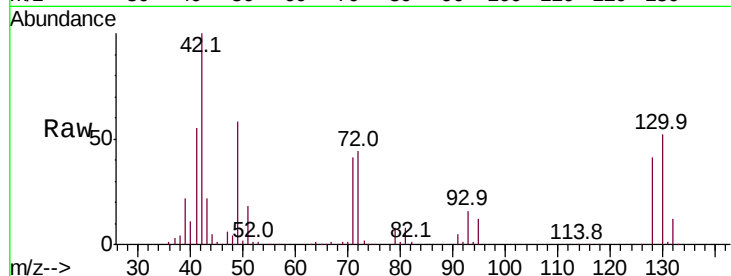




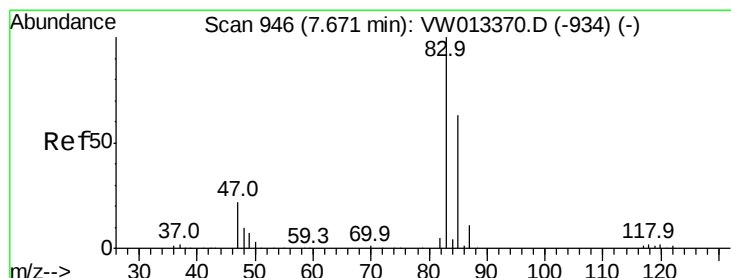
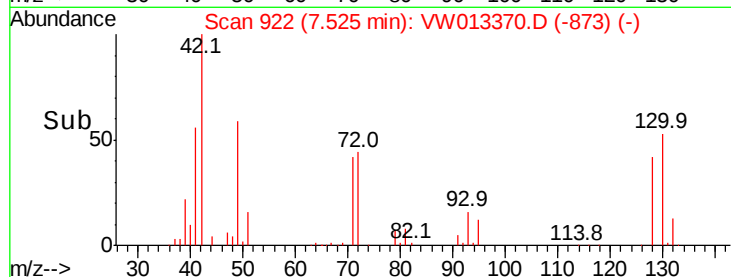
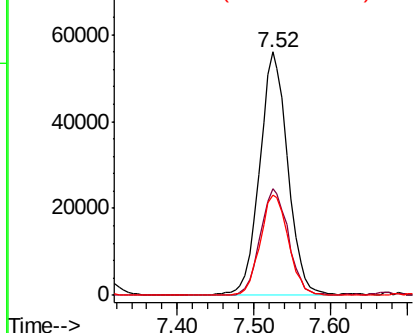
#29
Tetrahydrofuran
Concen: 210.318 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 42 Resp: 144128
Ion Ratio Lower Upper
42 100
72 43.7 35.0 52.4
71 41.4 33.1 49.7

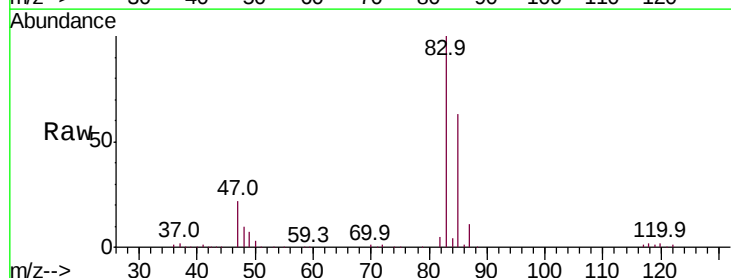


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

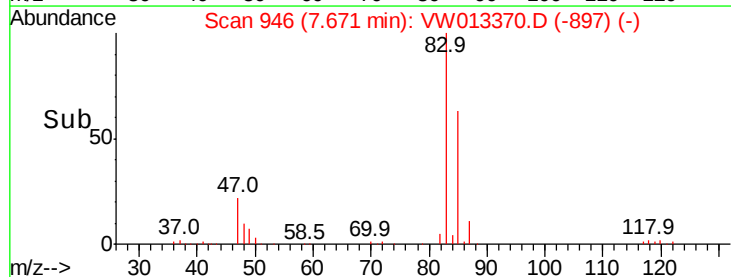
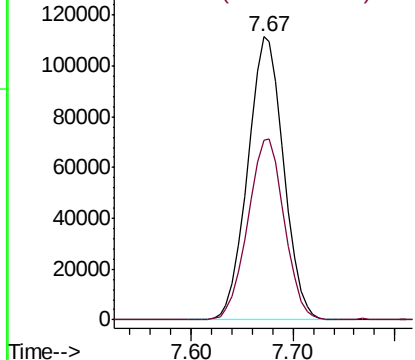


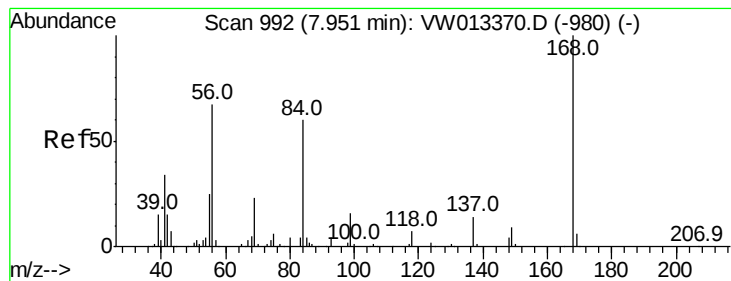
#30
Chloroform
Concen: 43.975 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Tgt Ion: 83 Resp: 272797
Ion Ratio Lower Upper
83 100
85 63.3 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 40.691 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

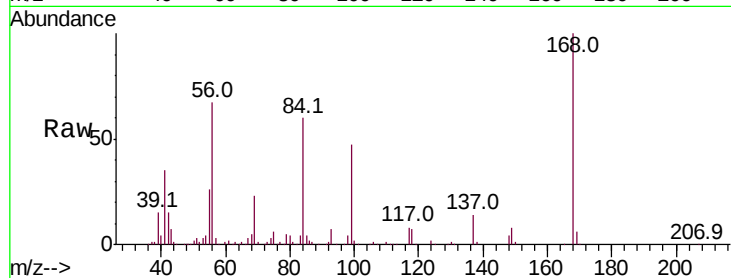
Tot Ion: 56 Resp: 282680

Ion Ratio Lower Upper

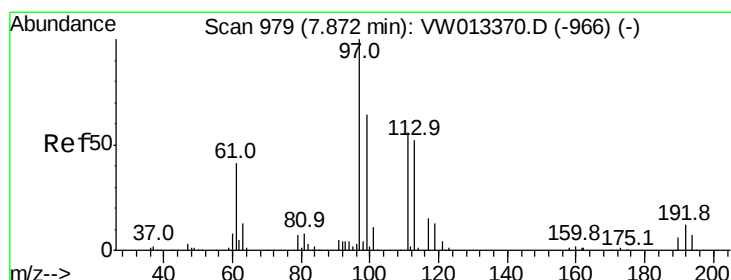
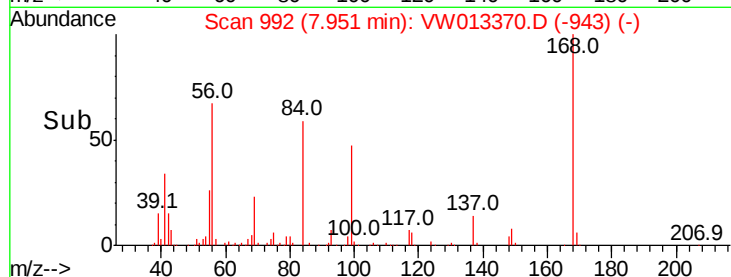
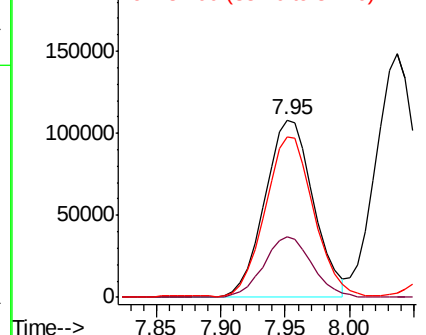
56 100

69 34.4 27.5 41.3

84 89.2 71.4 107.0



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: 44.938 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

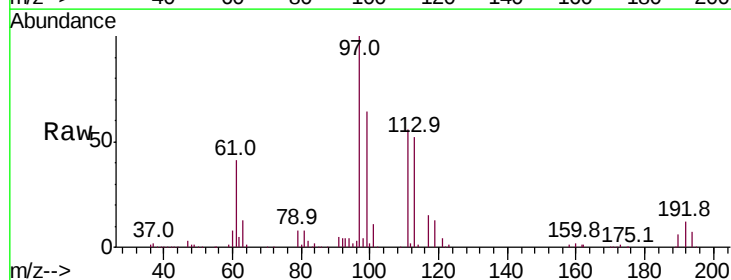
Tgt Ion: 97 Resp: 218109

Ion Ratio Lower Upper

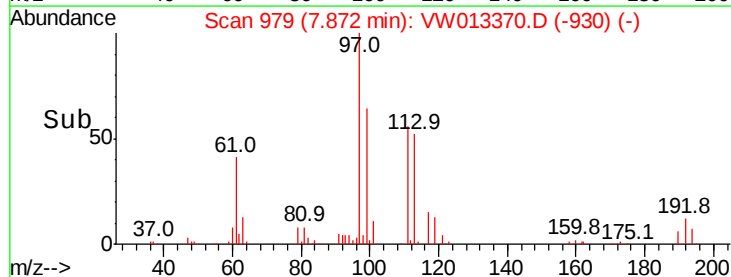
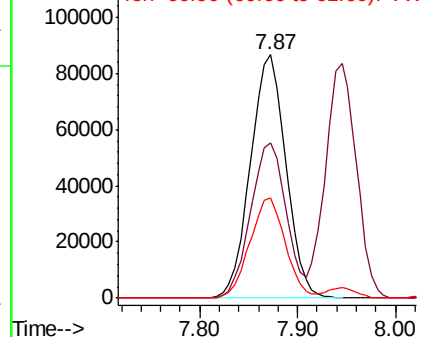
97 100

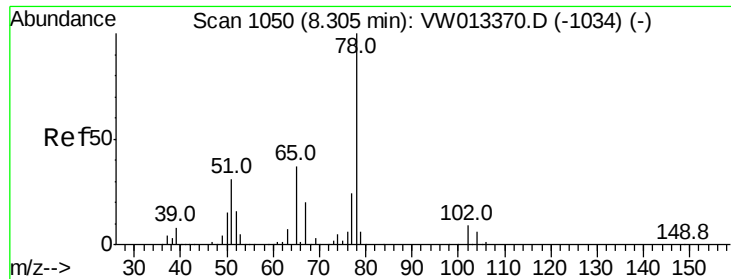
99 64.5 51.6 77.4

61 41.2 33.0 49.4



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: 45.309 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

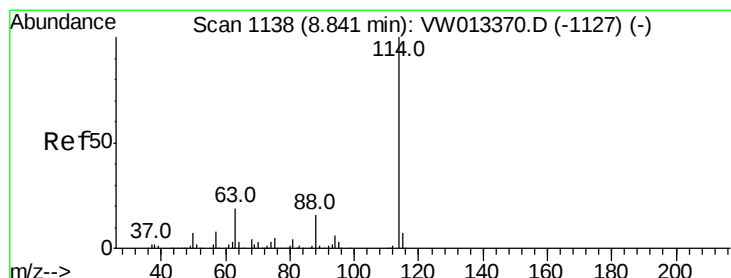
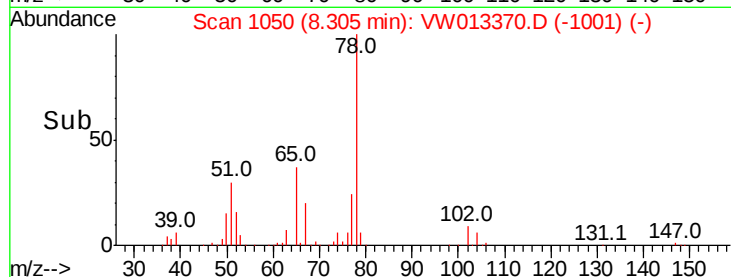
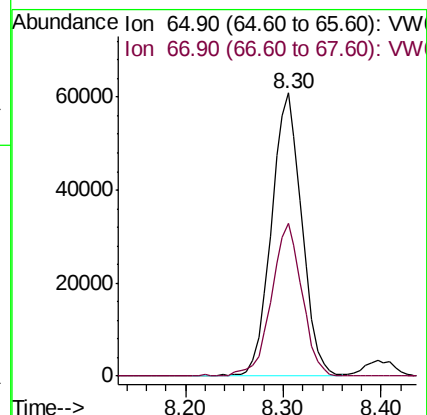
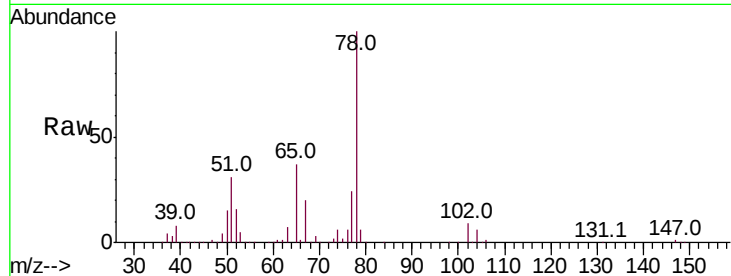
VSTDICCC050

Tot Ion: 65 Resp: 132000

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

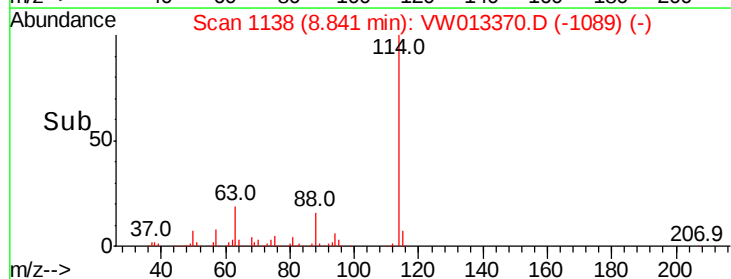
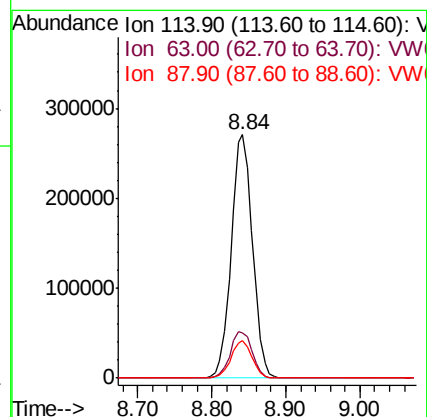
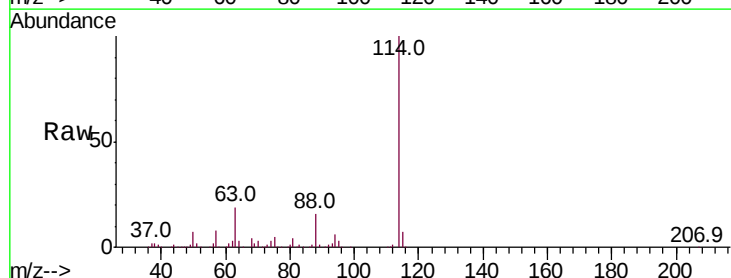
Tgt Ion: 114 Resp: 538974

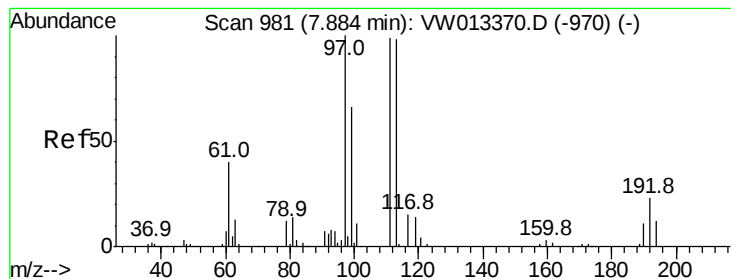
Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.4

88 15.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 46.900 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

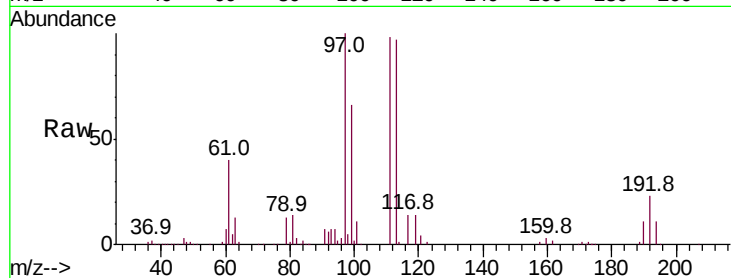
Tot Ion:113 Resp: 135919

Ion Ratio Lower Upper

113 100

111 101.1 80.9 121.3

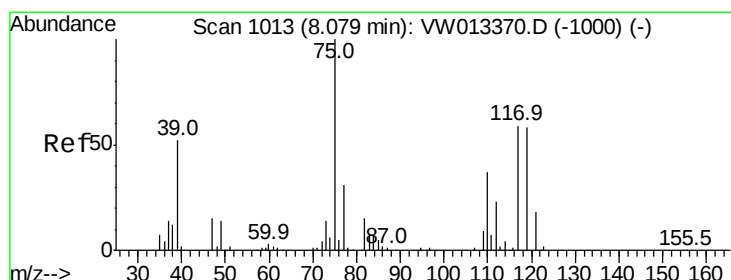
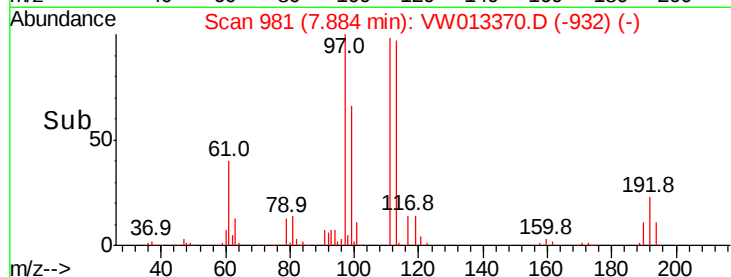
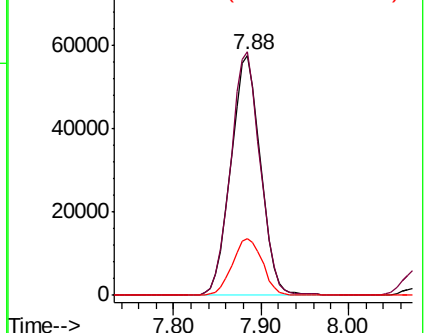
192 23.9 19.1 28.7



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: 44.783 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

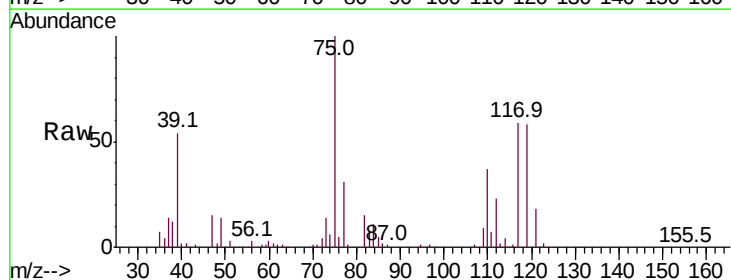
Tgt Ion: 75 Resp: 233652

Ion Ratio Lower Upper

75 100

110 35.9 17.9 53.8

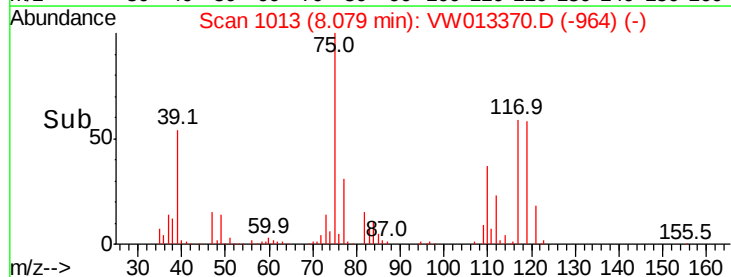
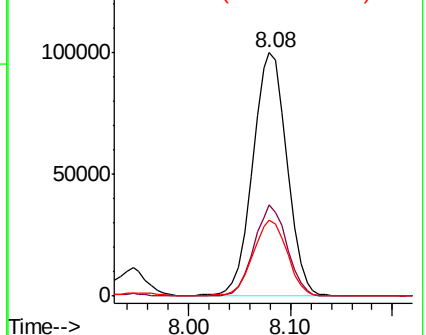
77 31.2 25.0 37.4

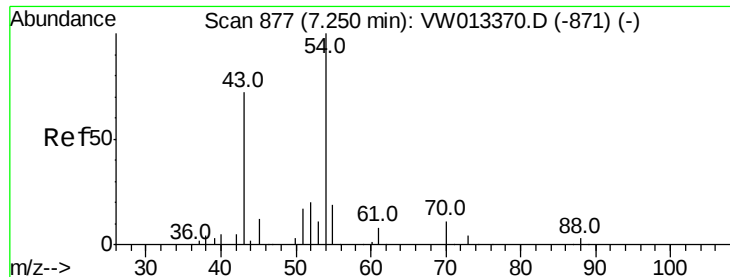


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

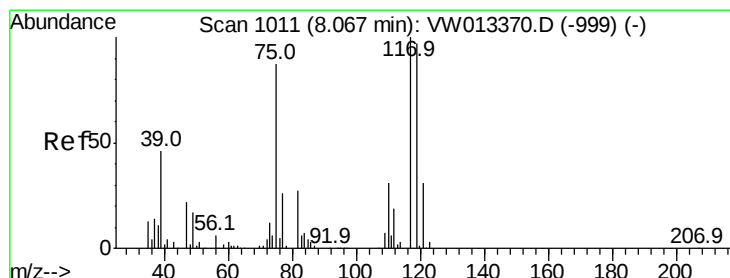
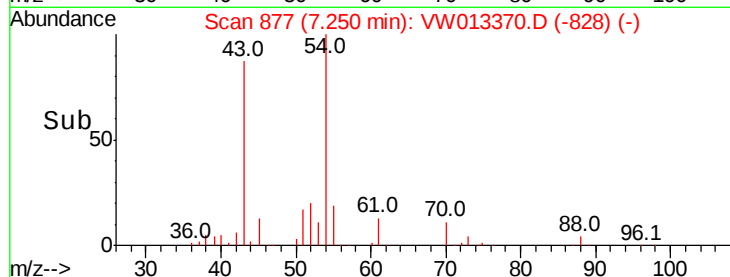
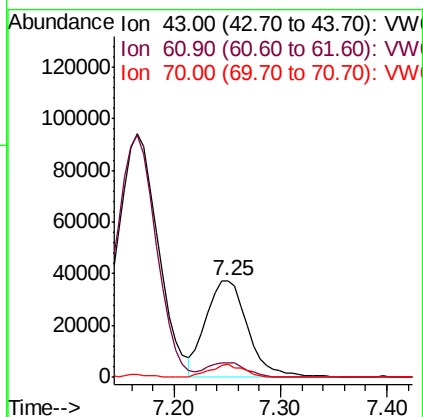
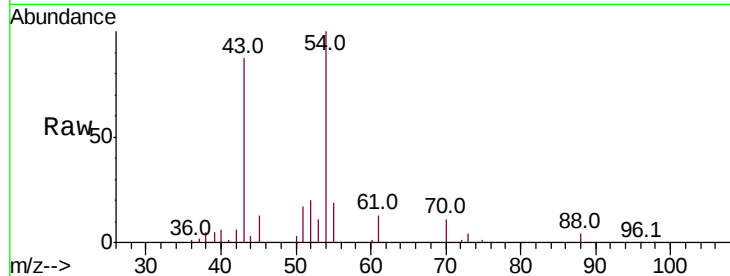




#37
Ethyl Acetate
Concen: 38.179 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

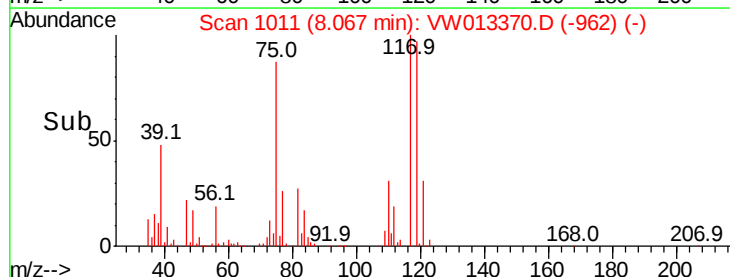
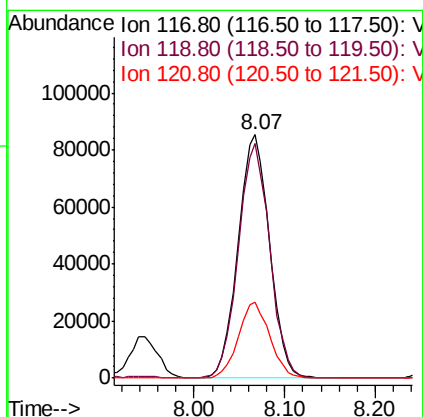
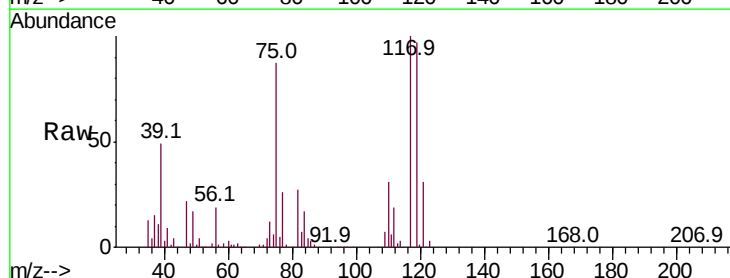
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

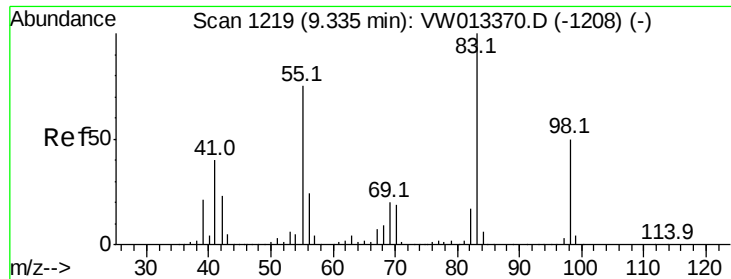
Tot Ion: 43 Resp: 100480
Ion Ratio Lower Upper
43 100
61 14.3 11.4 17.2
70 11.6 9.3 13.9



#38
Carbon Tetrachloride
Concen: 45.945 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Tgt Ion: 117 Resp: 205152
Ion Ratio Lower Upper
117 100
119 96.6 77.3 115.9
121 30.9 24.7 37.1

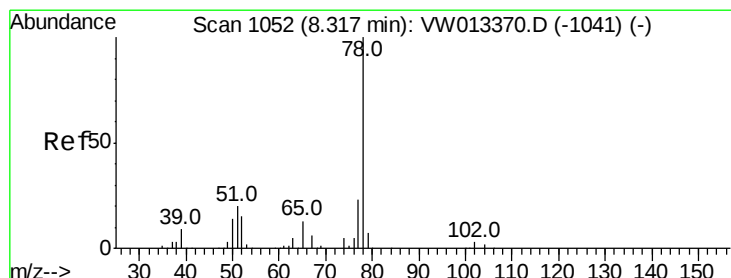
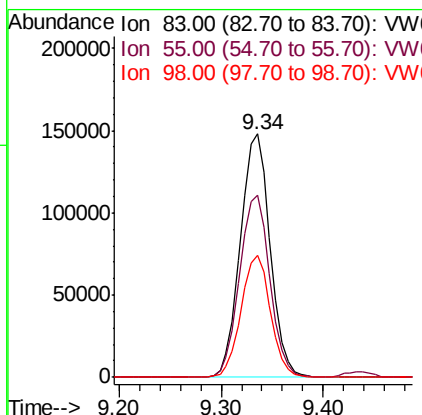
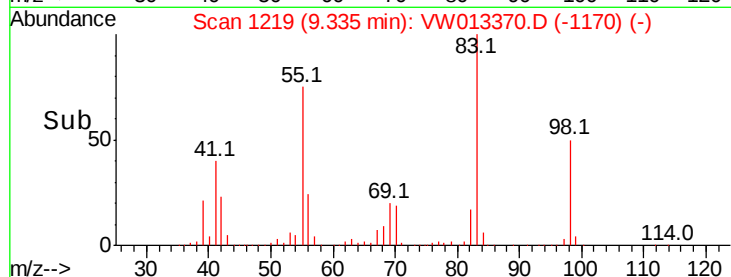
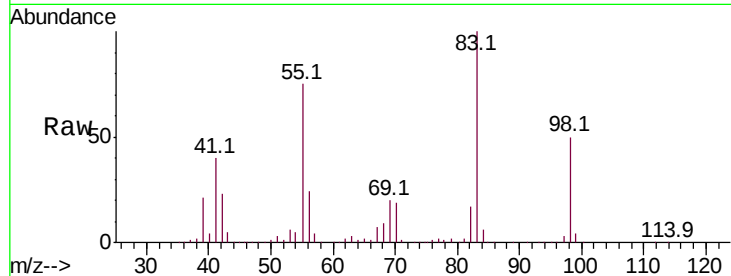




#39
Methvlcvclohexane
Concen: 43.927 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

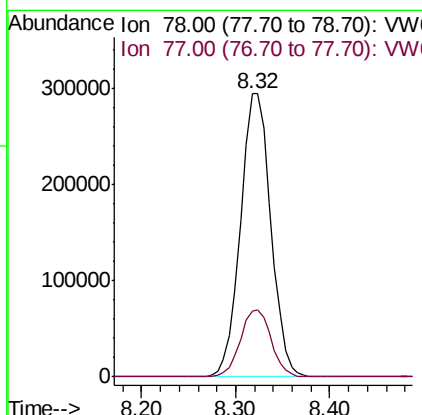
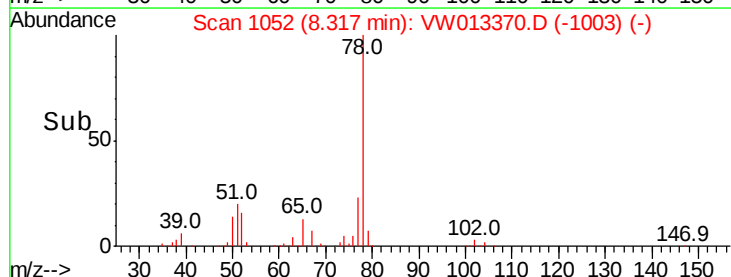
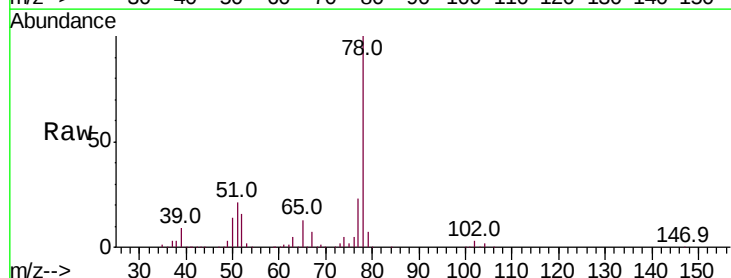
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

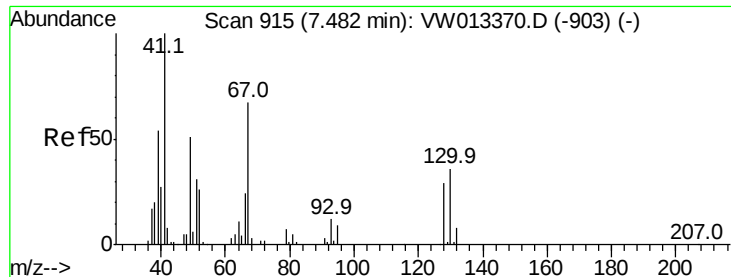
Tot Ion: 83 Resp: 300685
Ion Ratio Lower Upper
83 100
55 74.9 59.9 89.9
98 50.4 40.3 60.5



#40
Benzene
Concen: 44.910 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Tgt Ion: 78 Resp: 662377
Ion Ratio Lower Upper
78 100
77 23.0 18.4 27.6

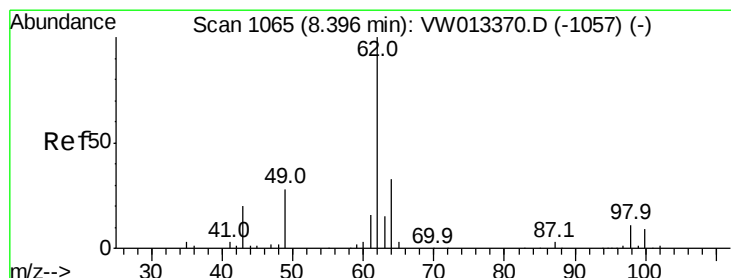
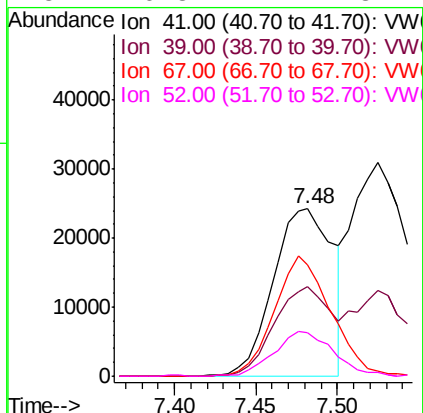
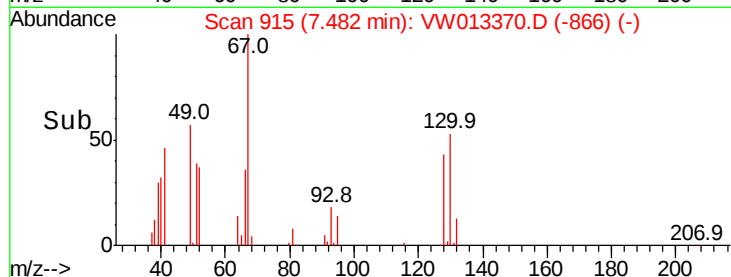
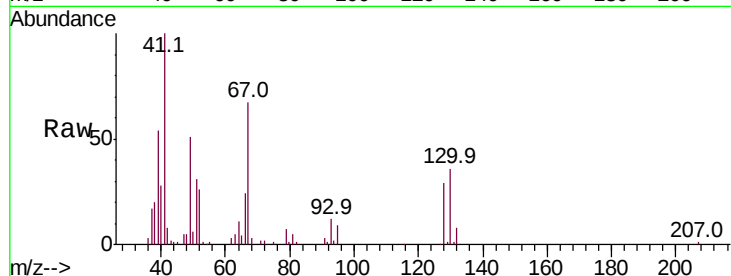




#41
Methacrylonitrile
Concen: 21.798 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

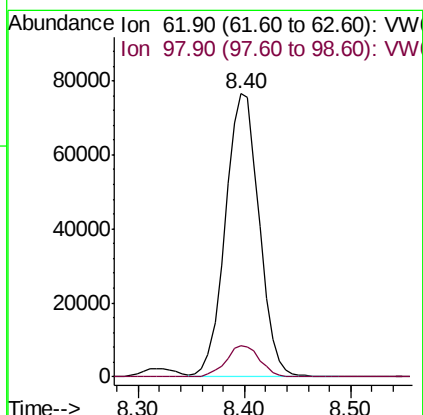
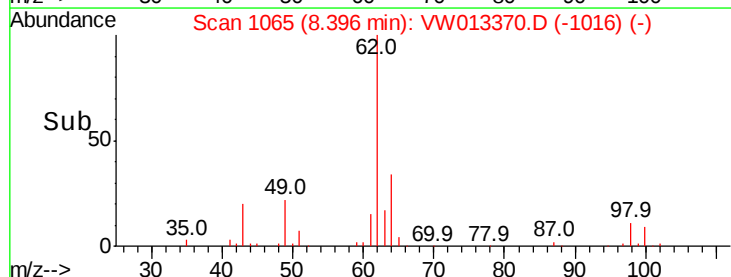
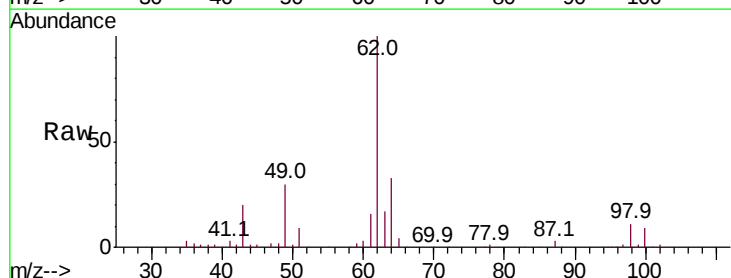
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

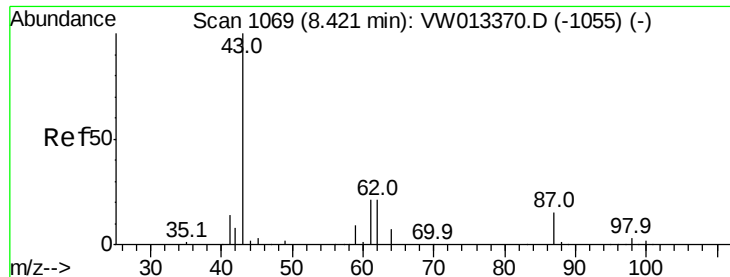
Tot Ion:	41	Resp:	61754
Ion	Ratio	Lower	Upper
41	100		
39	50.9	40.7	61.1
67	68.4	54.7	82.1
52	26.8	21.4	32.2



#42
1,2-Dichloroethane
Concen: 45.327 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Tgt Ion:	62	Resp:	169406
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	22.2





#43

Isopropyl Acetate

Concen: 44.078 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :

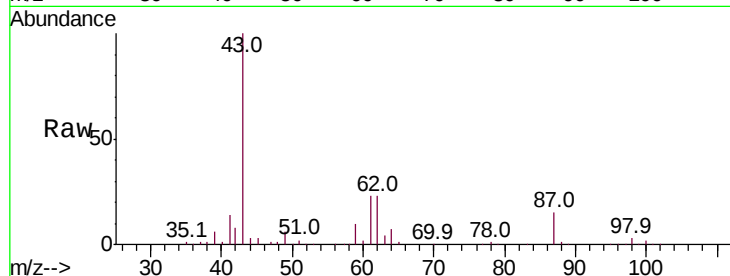
MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 190379

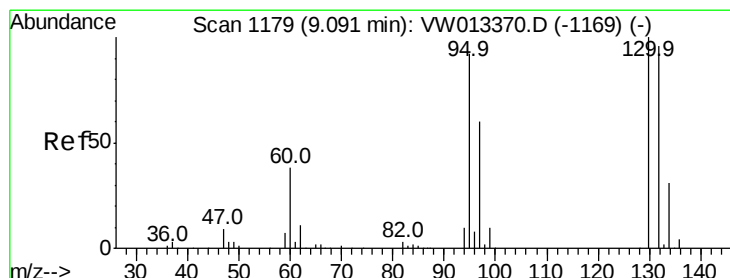
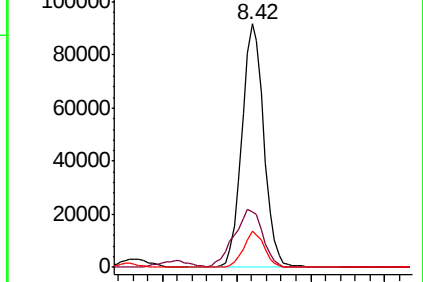
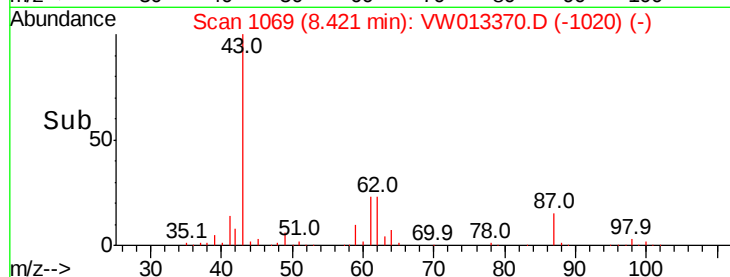
Ion	Ratio	Lower	Upper
43	100		
61	31.0	24.8	37.2
87	14.1	11.3	16.9



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: 45.417 ug/l

RT: 9.09 min Scan# 1179

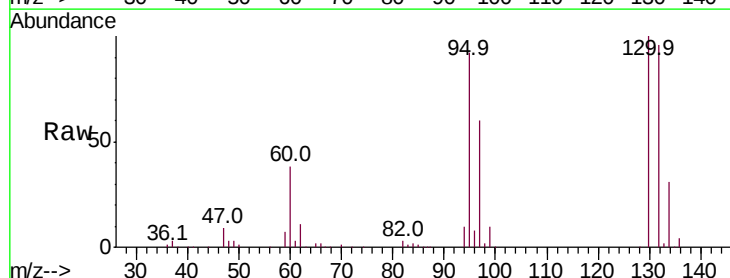
Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

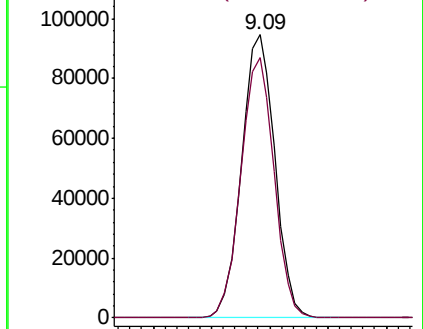
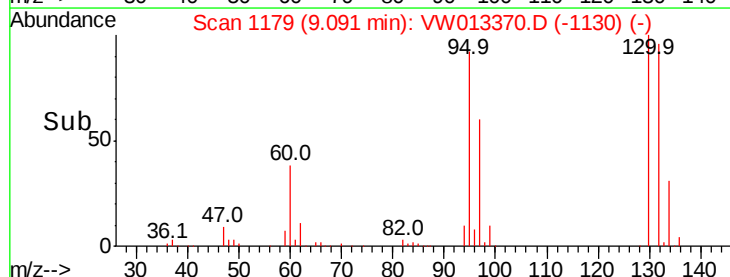
Tgt Ion:130 Resp: 188963

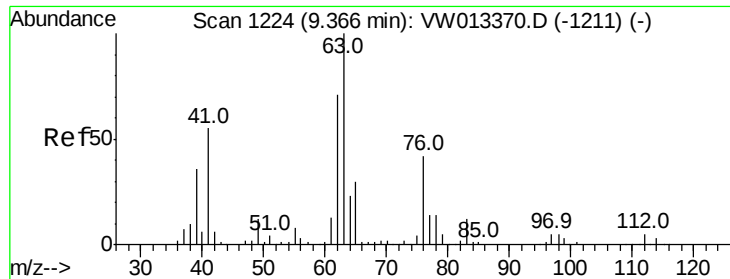
Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	183.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

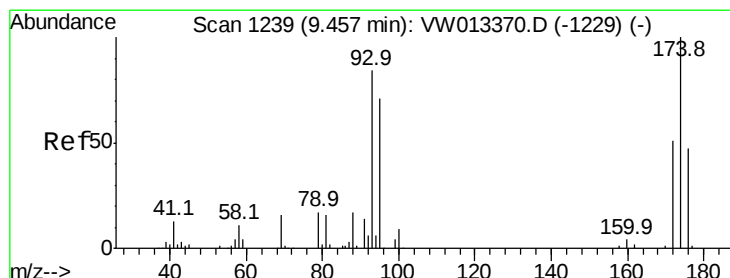
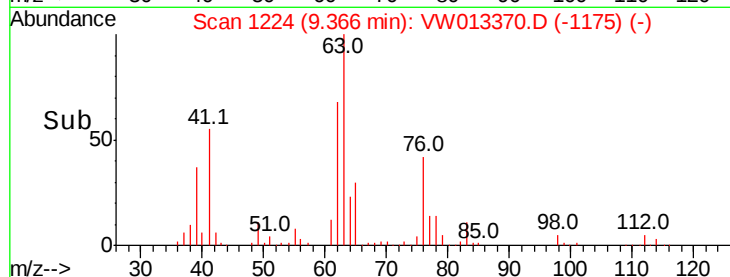
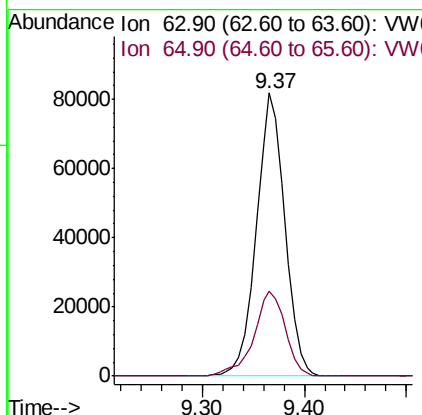
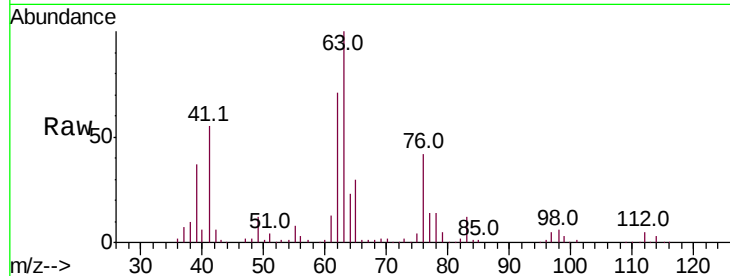




#45
 1,2-Dichloropropane
 Concen: 45.460 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

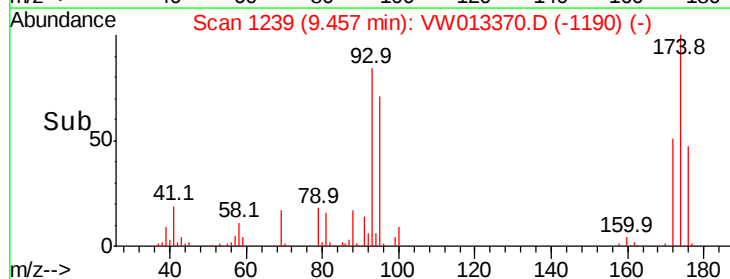
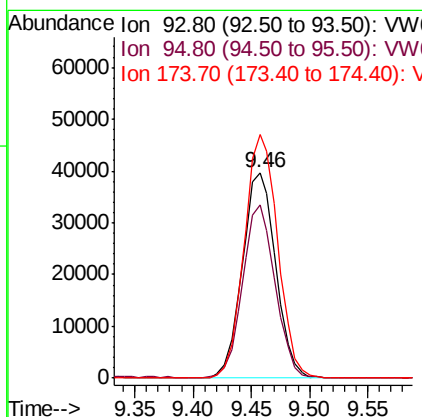
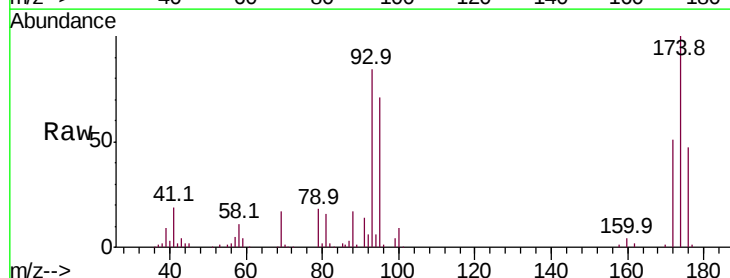
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

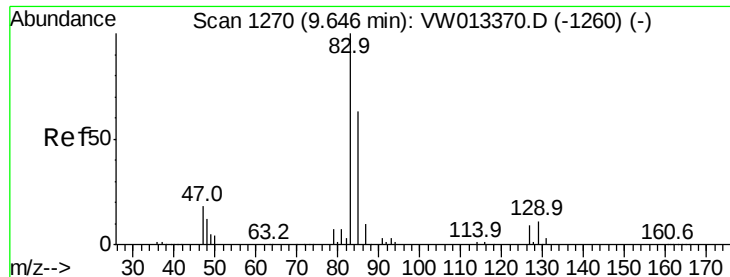
Tot Ion: 63 Resp: 158574
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.2 36.4



#46
 Dibromomethane
 Concen: 45.315 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

Tgt Ion: 93 Resp: 79385
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.8 98.8
 174 118.8 95.0 142.6





#47

Bromodichloromethane

Concen: 46.573 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

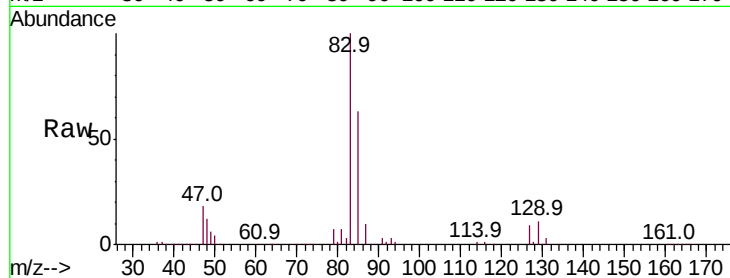
Tot Ion: 83 Resp: 197497

Ion Ratio Lower Upper

83 100

85 63.0 50.4 75.6

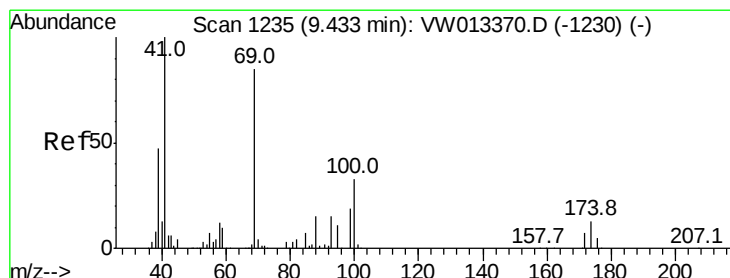
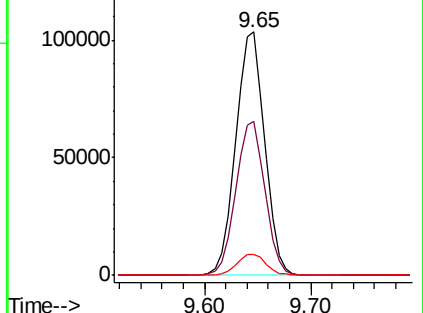
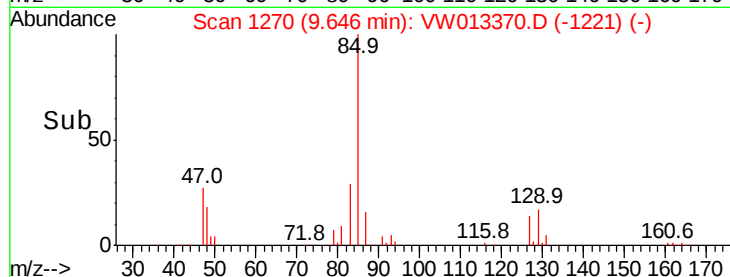
127 8.8 7.0 10.6



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: 44.949 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

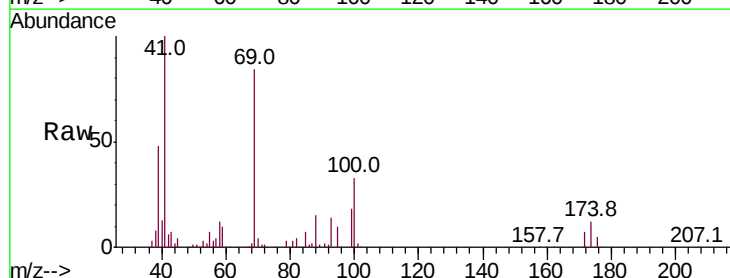
Tgt Ion: 41 Resp: 90688

Ion Ratio Lower Upper

41 100

69 88.5 70.8 106.2

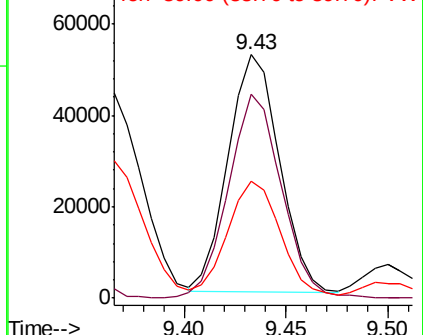
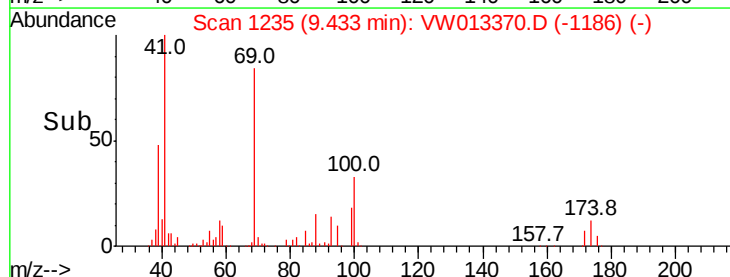
39 48.9 39.1 58.7

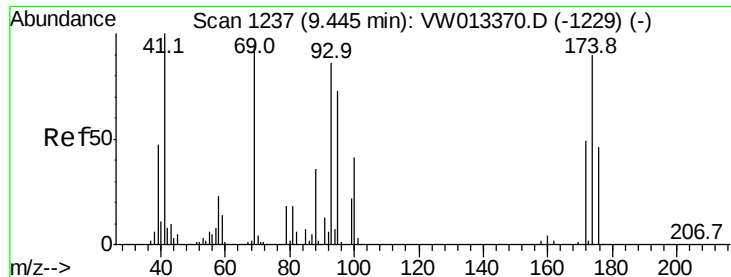


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 789.949 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

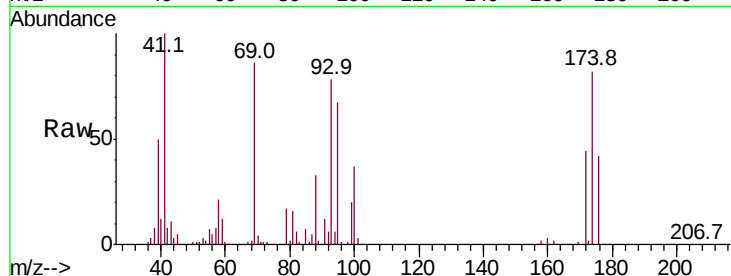
Tot Ion: 88 Resp: 24706

Ion Ratio Lower Upper

88 100

43 28.9 23.1 34.7

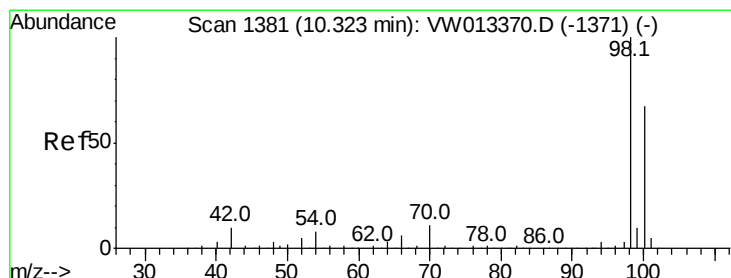
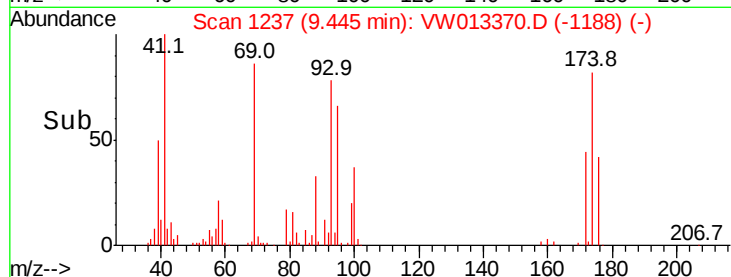
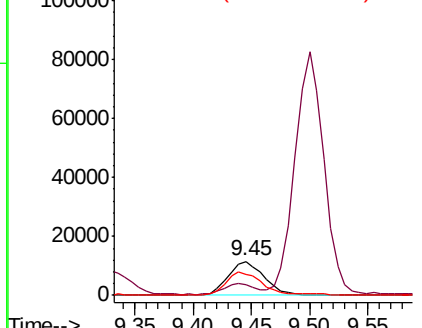
58 71.6 57.3 85.9



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 47.220 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013370.D

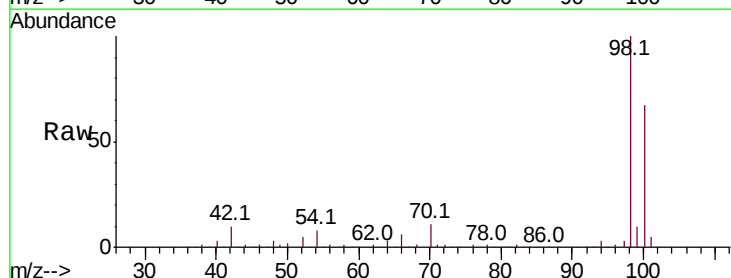
Acq: 01 Oct 2019 14:20

Tgt Ion: 98 Resp: 562309

Ion Ratio Lower Upper

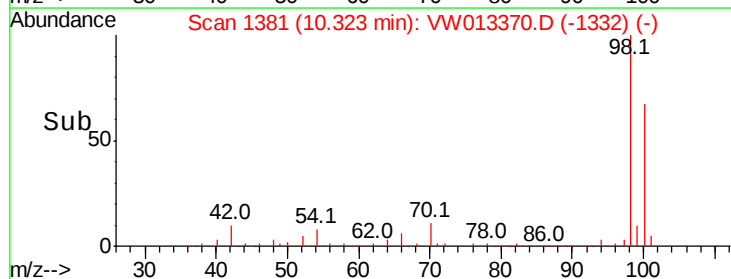
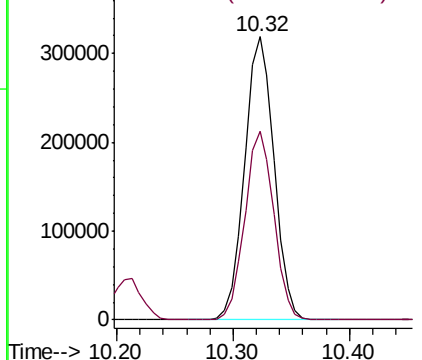
98 100

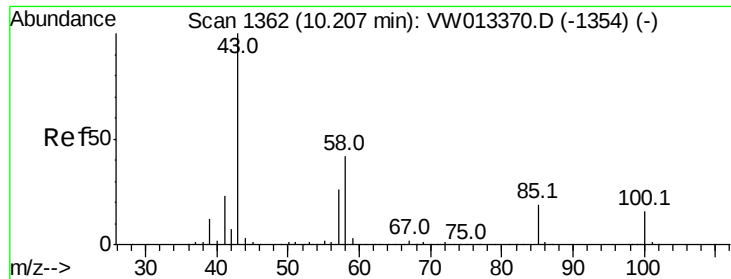
100 66.0 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 206.094 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

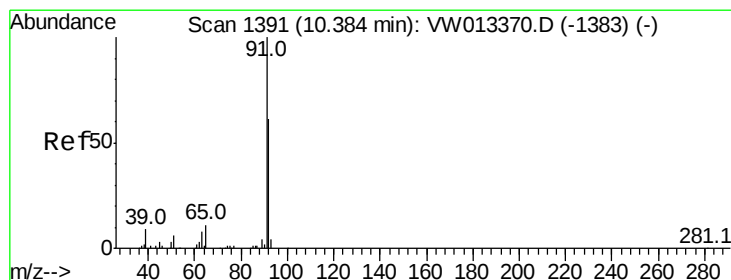
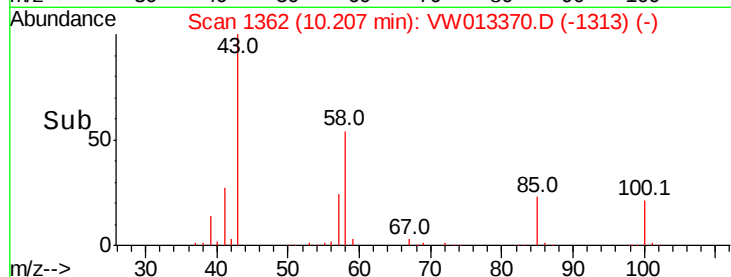
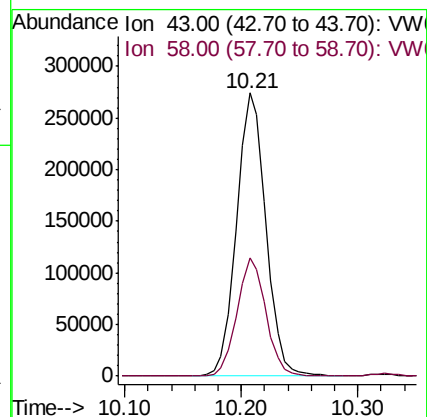
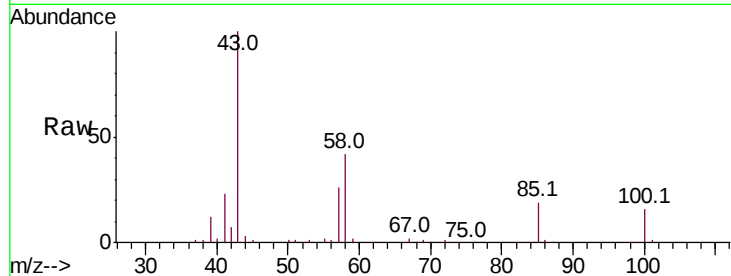
VSTDICCC050

Tot Ion: 43 Resp: 479723

Ion Ratio Lower Upper

43 100

58 41.1 32.9 49.3



#52

Toluene

Concen: 45.673 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW013370.D

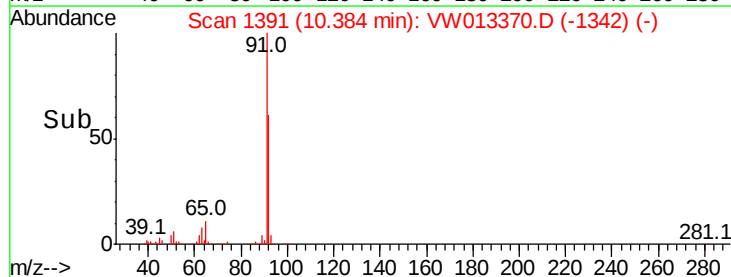
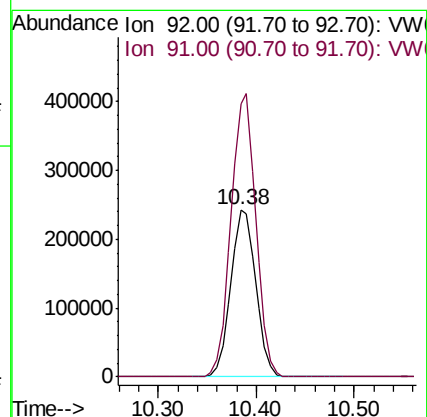
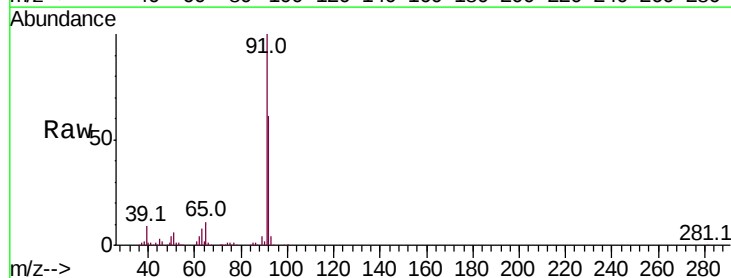
Acq: 01 Oct 2019 14:20

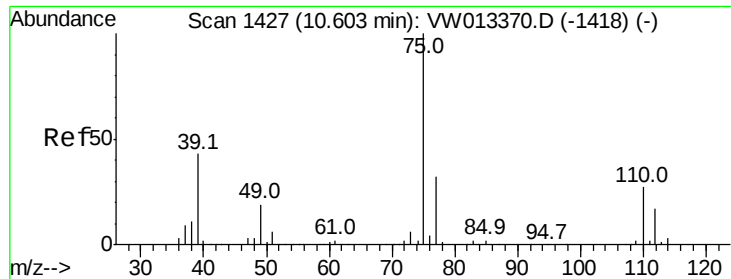
Tgt Ion: 92 Resp: 429915

Ion Ratio Lower Upper

92 100

91 168.5 134.8 202.2





#53

t-1,3-Dichloropropene

Concen: 48.220 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :

MSVOA_W

ClientSampled :

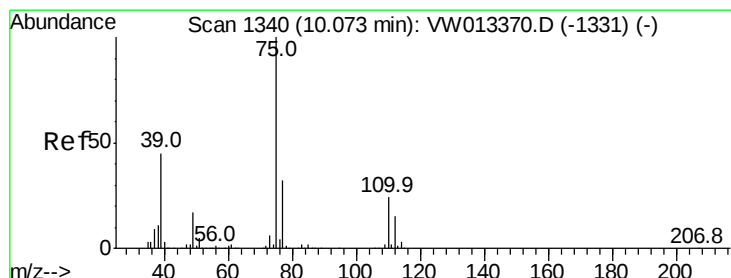
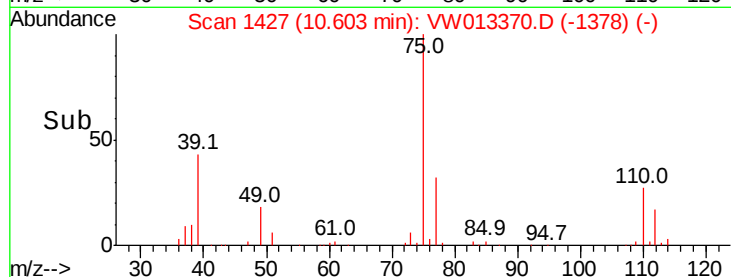
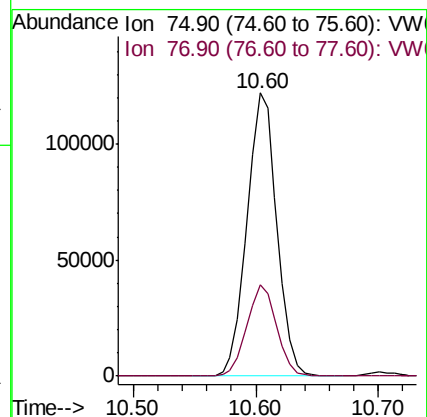
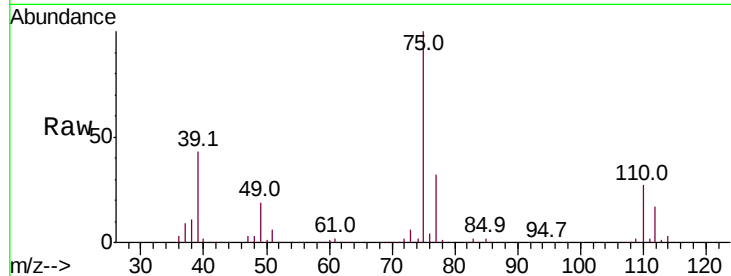
VSTDICCC050

Tot Ion: 75 Resp: 206806

Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 47.544 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

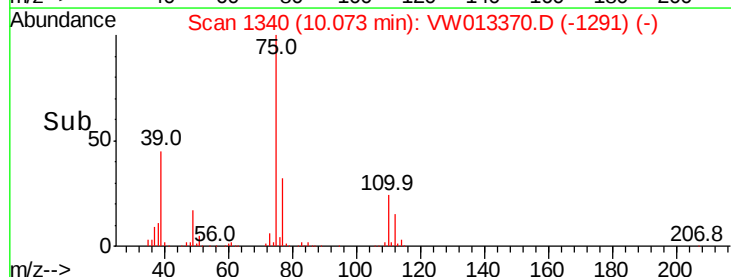
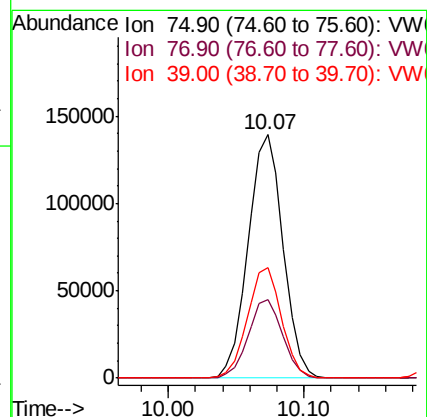
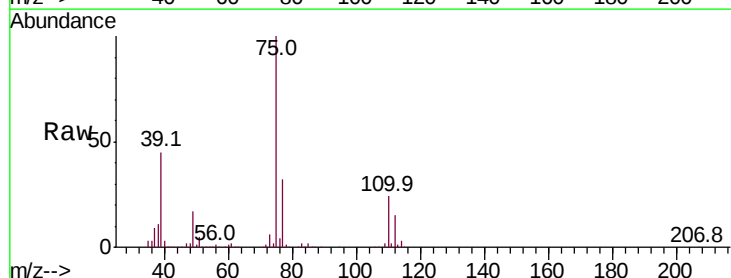
Tgt Ion: 75 Resp: 250387

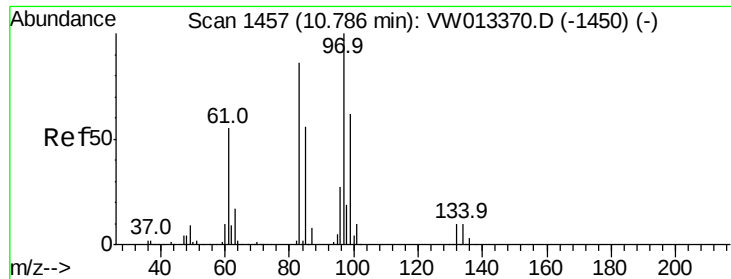
Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.8

39 45.4 36.3 54.5



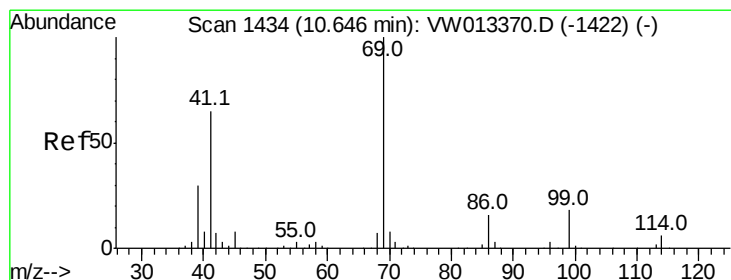
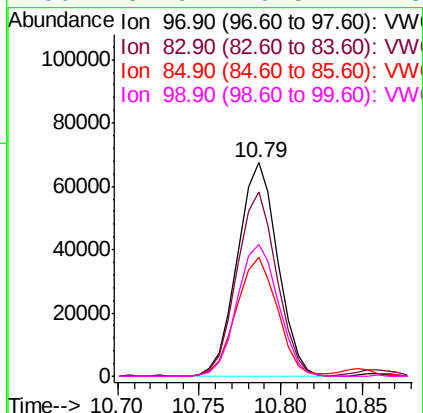
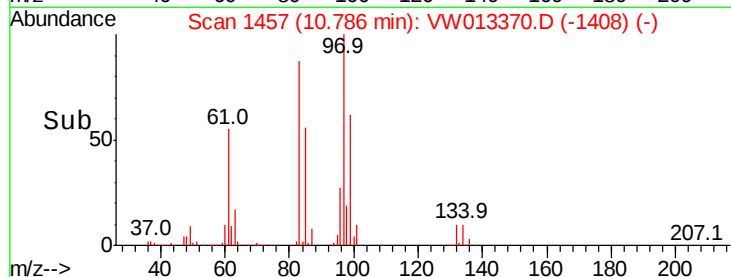
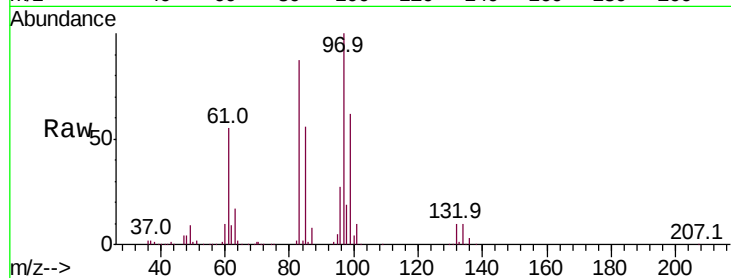


#55
 1,1,2-Trichloroethane
 Concen: 44.457 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion: 97 Resp: 115796

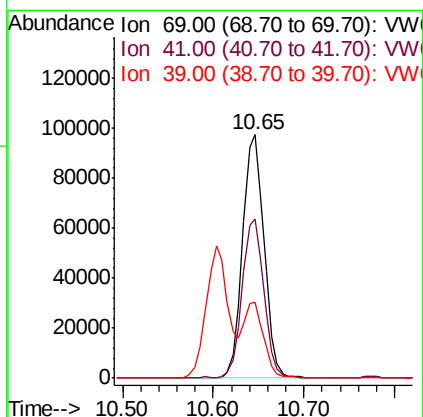
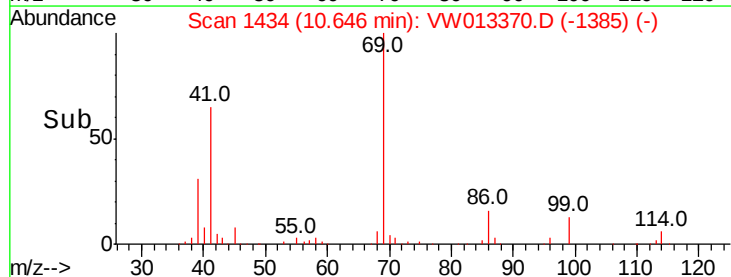
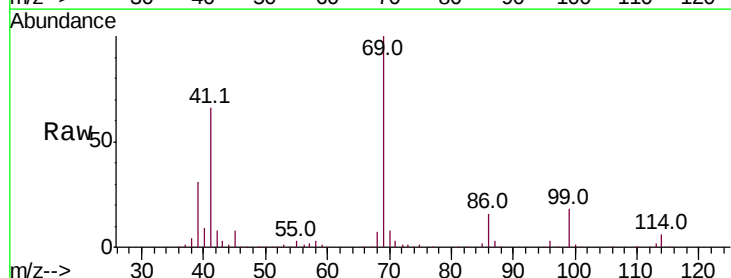
Ion	Ratio	Lower	Upper
97	100		
83	86.5	69.2	103.8
85	55.6	44.5	66.7
99	61.9	49.5	74.3

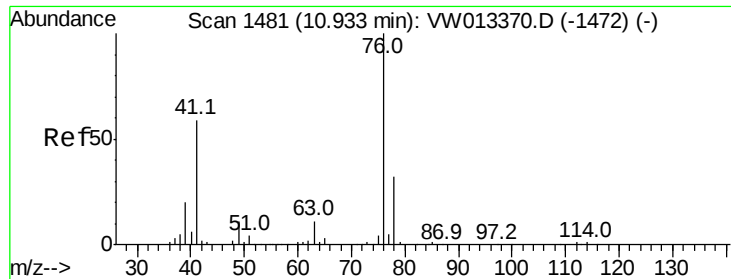


#56
 Ethyl methacrylate
 Concen: 46.887 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

Tgt Ion: 69 Resp: 160718

Ion	Ratio	Lower	Upper
69	100		
41	66.8	53.4	80.2
39	27.9	22.3	33.5

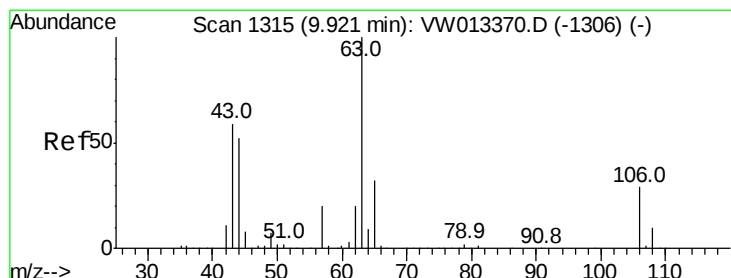
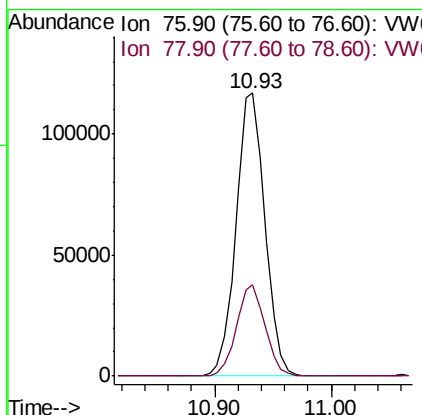
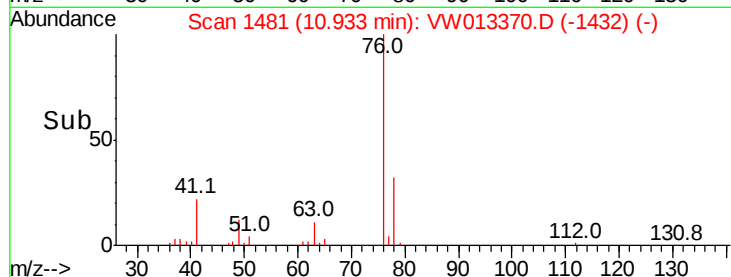
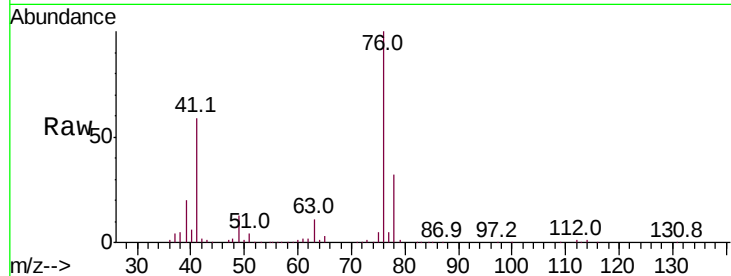




#57
 1,3-Dichloropropane
 Concen: 44.101 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

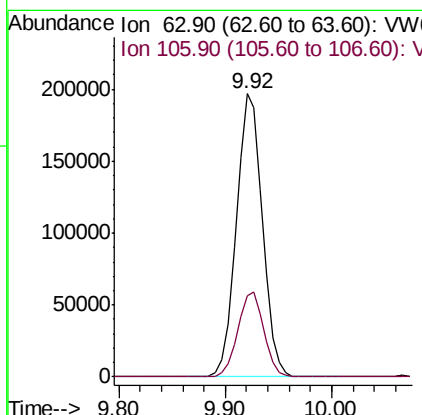
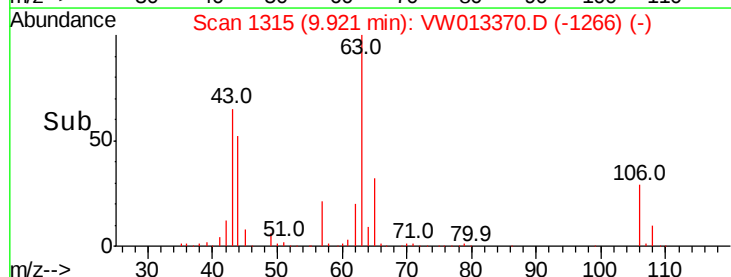
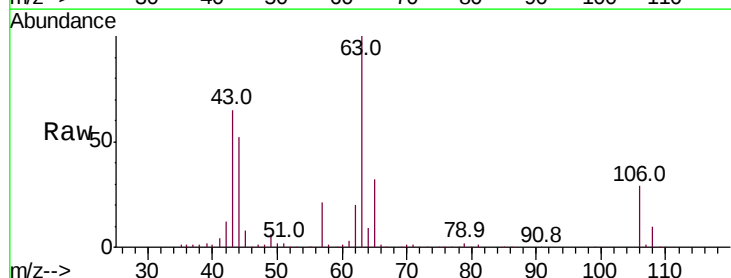
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

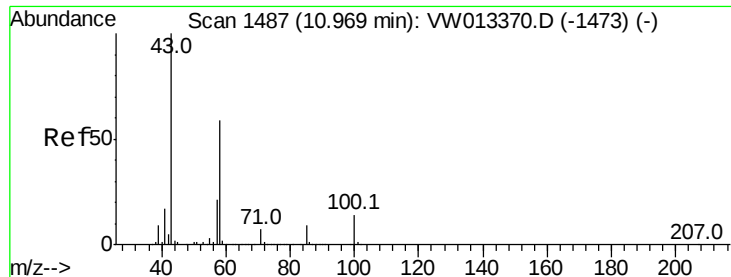
Tot Ion: 76 Resp: 202082
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 238.853 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

Tgt Ion: 63 Resp: 337767
 Ion Ratio Lower Upper
 63 100
 106 30.0 24.0 36.0

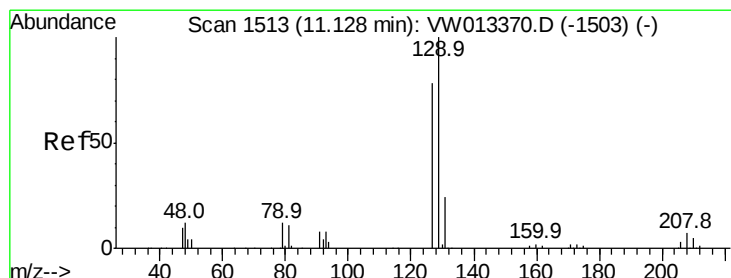
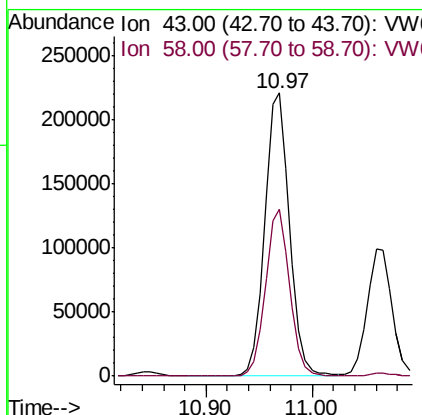
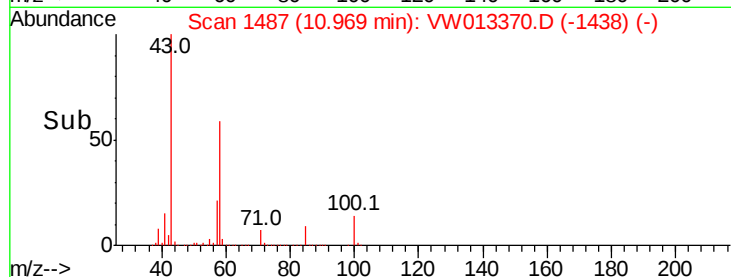
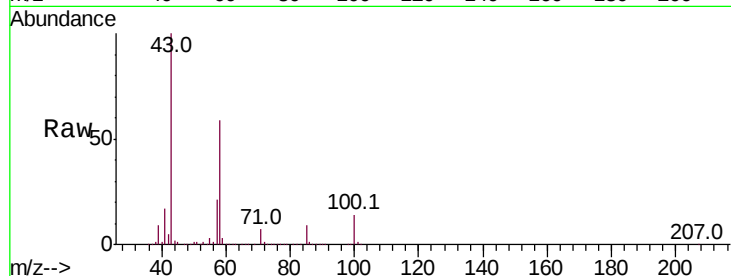




#59
2-Hexanone
Concen: 230.196 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

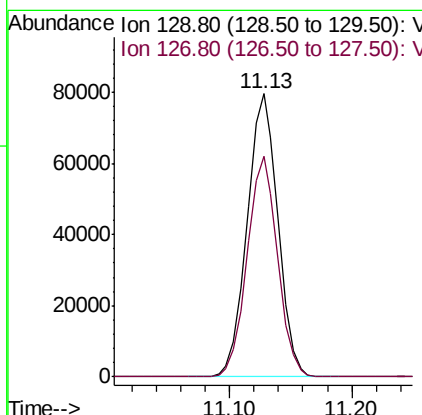
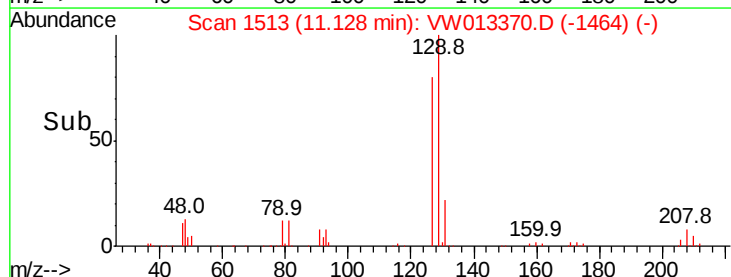
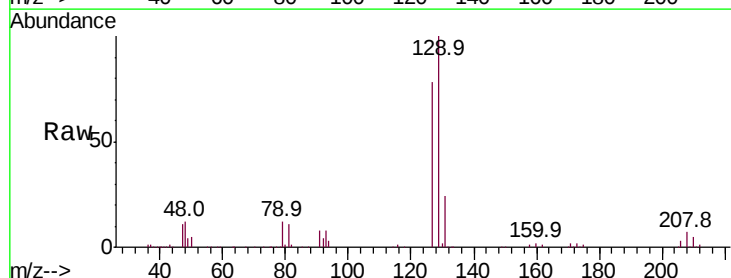
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

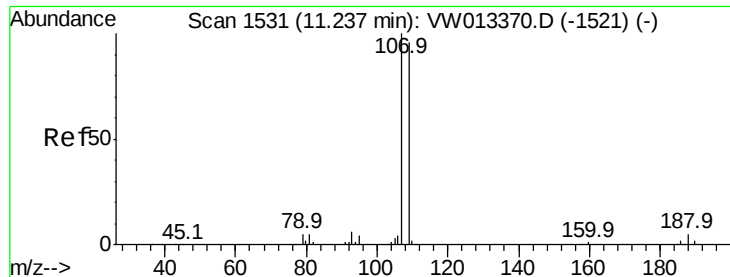
Tot Ion: 43 Resp: 357548
Ion Ratio Lower Upper
43 100
58 57.7 28.8 86.5



#60
Dibromochloromethane
Concen: 48.215 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Tgt Ion: 129 Resp: 139079
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7

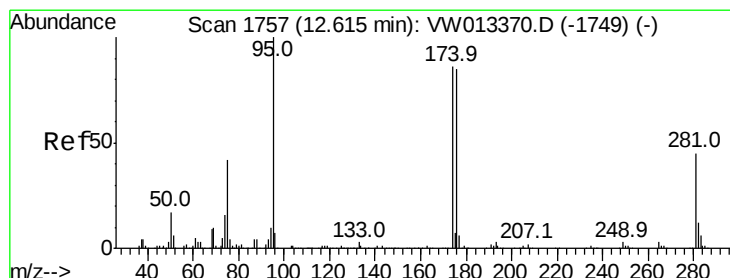
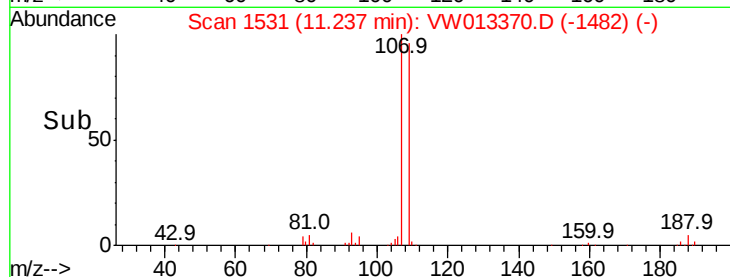
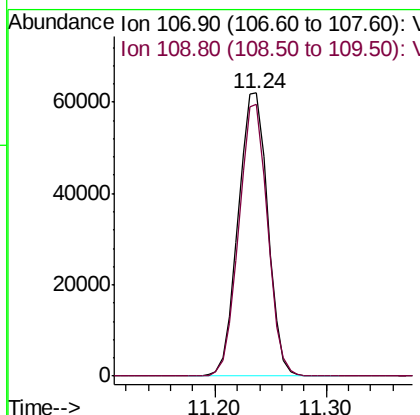
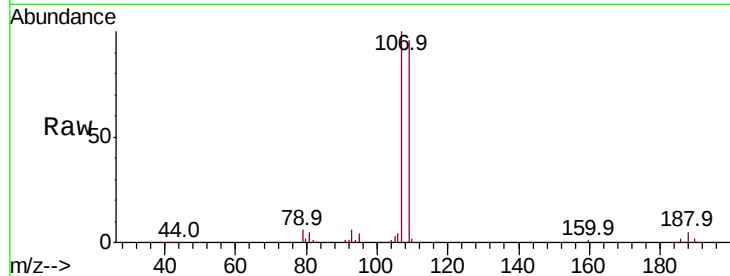




#61
 1,2-Dibromoethane
 Concen: 44.990 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

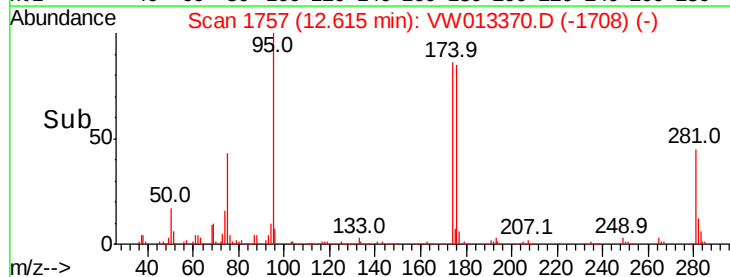
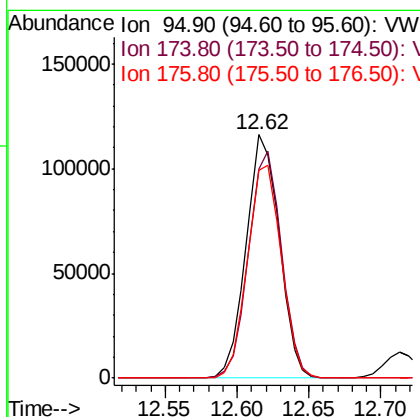
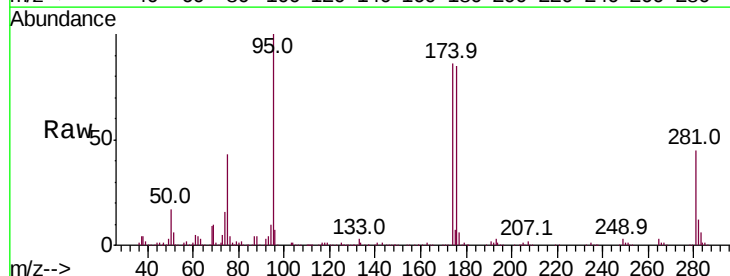
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

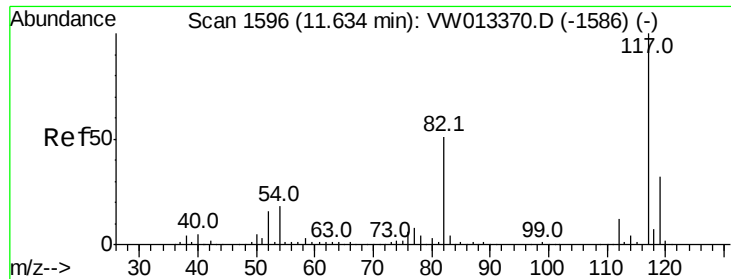
Tot Ion:107 Resp: 114267
 Ion Ratio Lower Upper
 107 100
 109 93.3 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 46.760 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

Tgt Ion: 95 Resp: 185065
 Ion Ratio Lower Upper
 95 100
 174 92.3 0.0 184.6
 176 89.2 0.0 178.4

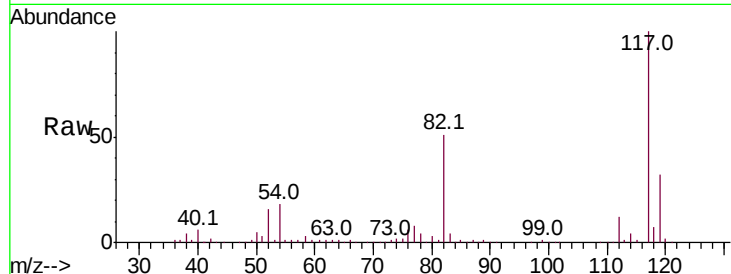




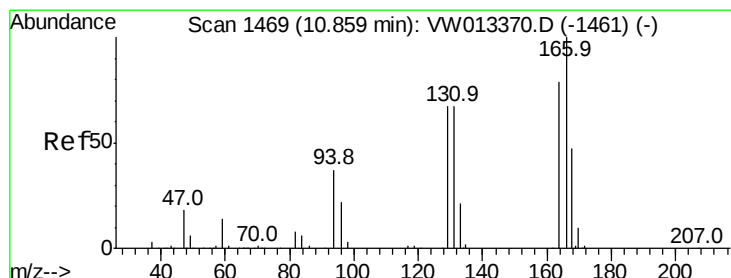
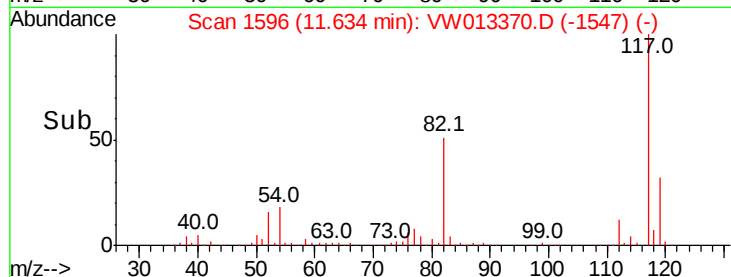
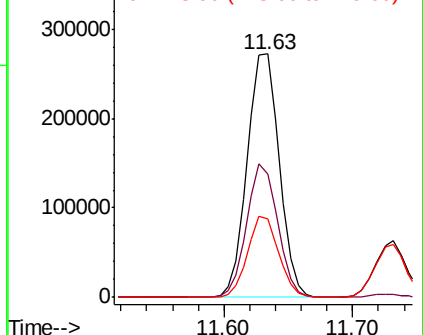
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion:117 Resp: 467437
Ion Ratio Lower Upper
117 100
82 50.6 40.5 60.7
119 32.4 25.9 38.9

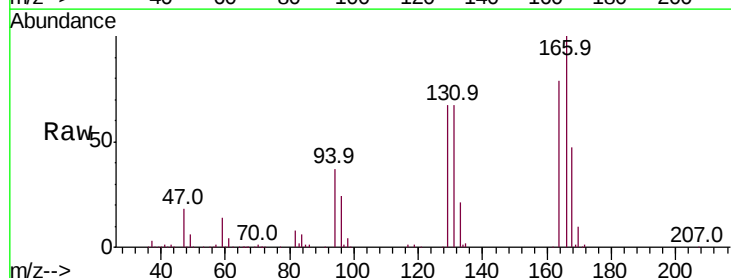


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV
Ion 118.90 (118.60 to 119.60): V

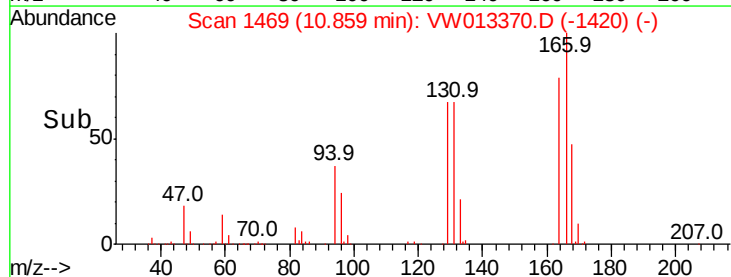
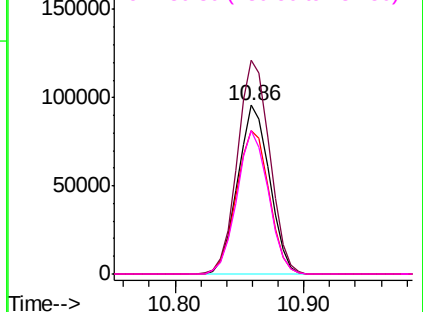


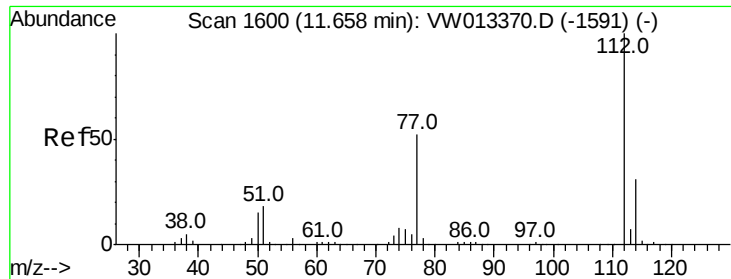
#64
Tetrachloroethene
Concen: 43.862 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Tgt Ion:164 Resp: 163832
Ion Ratio Lower Upper
164 100
166 126.8 101.4 152.2
129 85.0 68.0 102.0
131 84.8 67.8 101.8



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

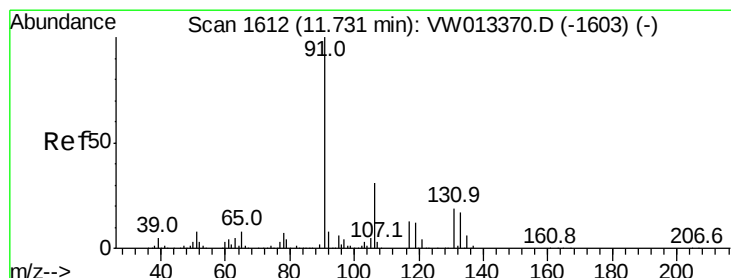
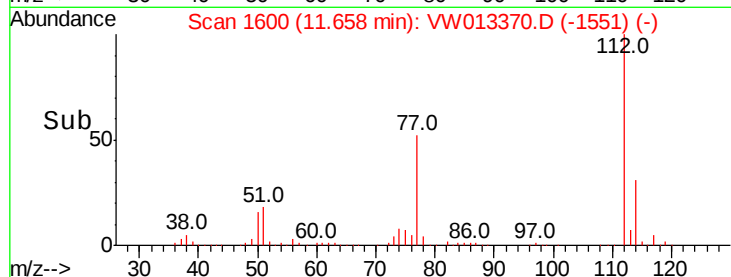
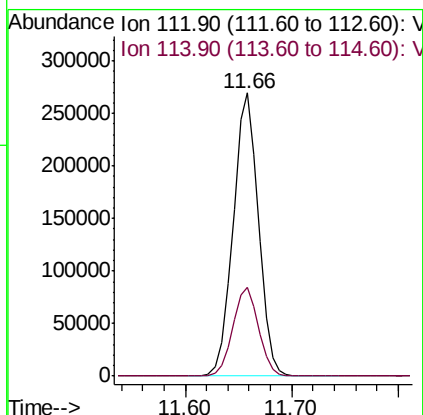
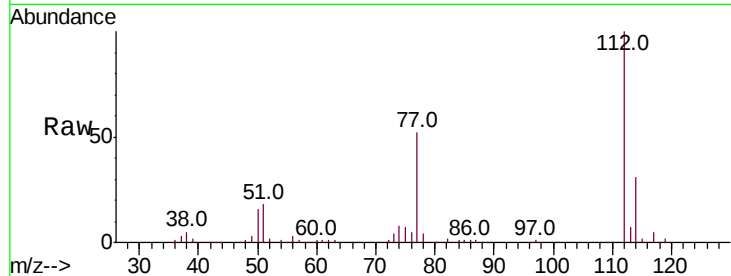




#65
Chlorobenzene
Concen: 44.622 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

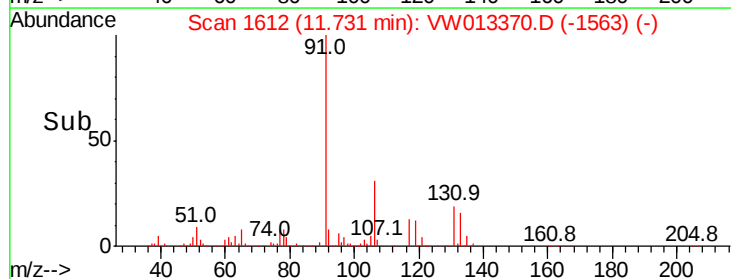
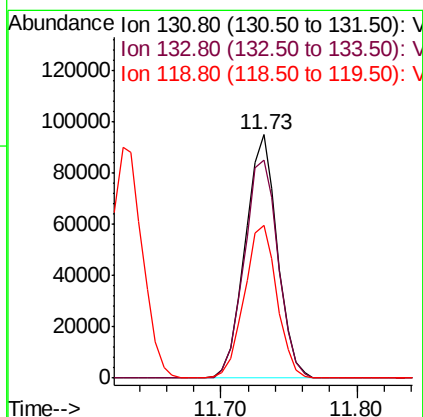
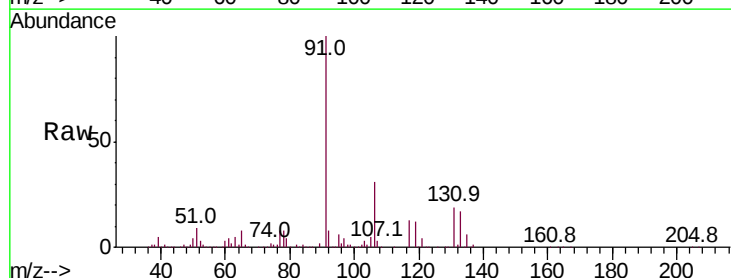
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

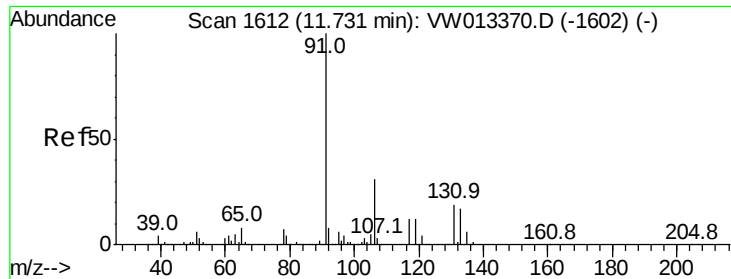
Tot Ion:112 Resp: 447001
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 47.046 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Tgt Ion:131 Resp: 156114
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.6
119 63.9 31.9 95.9

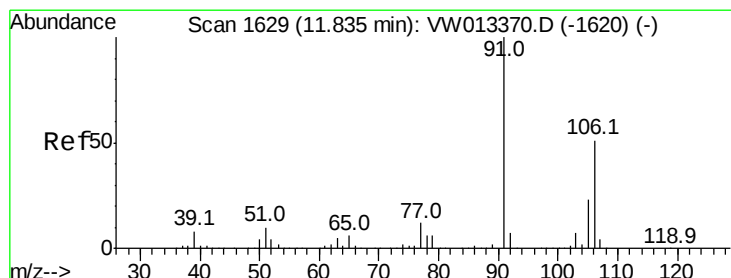
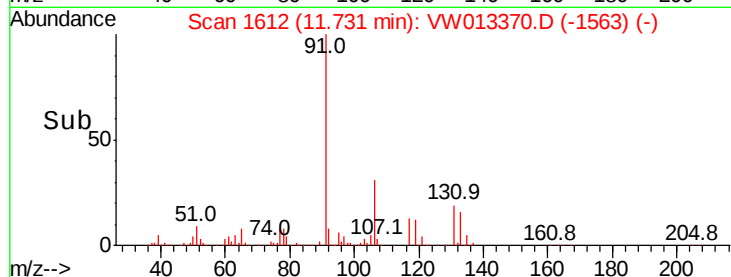
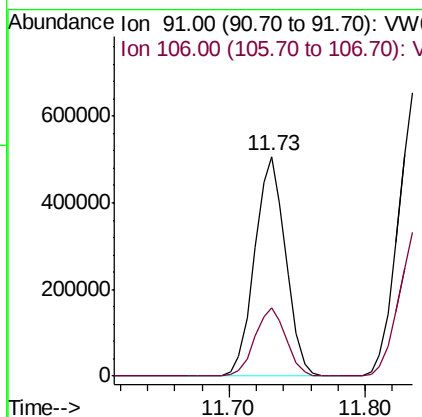
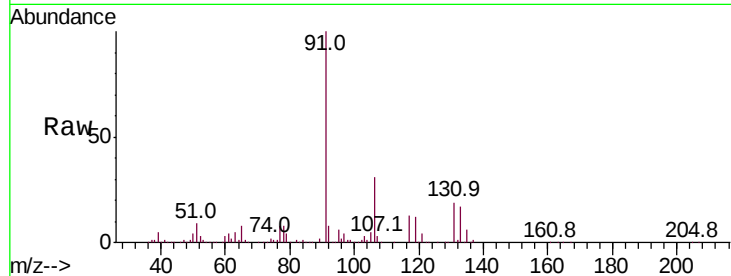




#67
Ethyl Benzene
Concen: 45.170 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

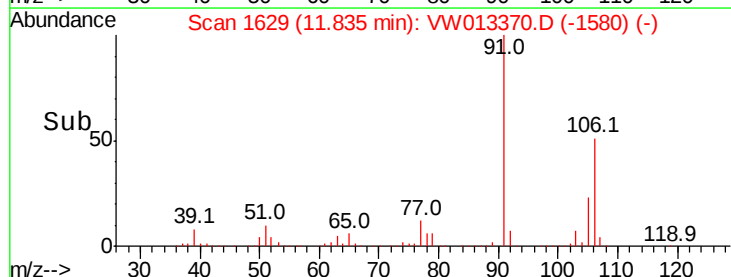
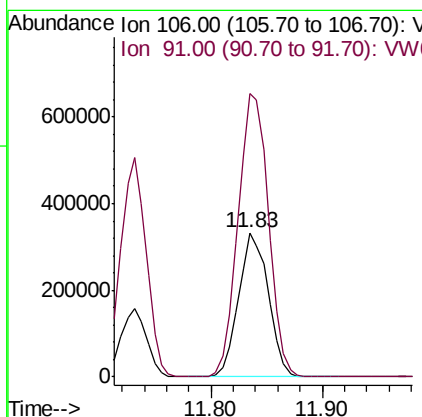
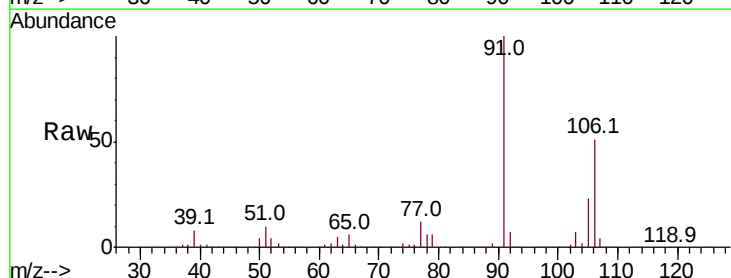
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

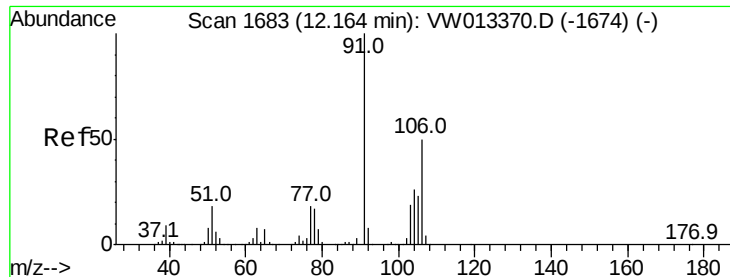
Tot Ion: 91 Resp: 808682
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3



#68
m/p-Xylenes
Concen: 88.916 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Tgt Ion: 106 Resp: 616348
Ion Ratio Lower Upper
106 100
91 200.6 160.5 240.7

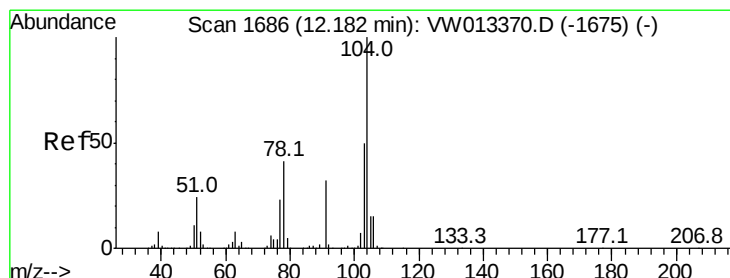
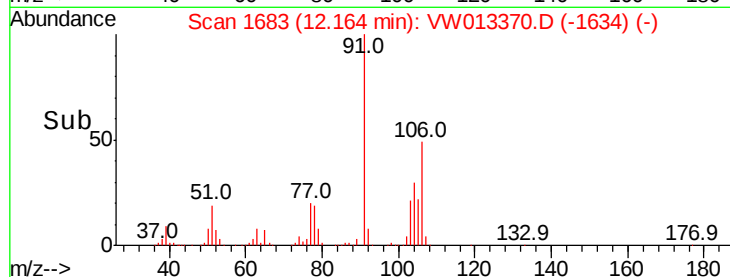
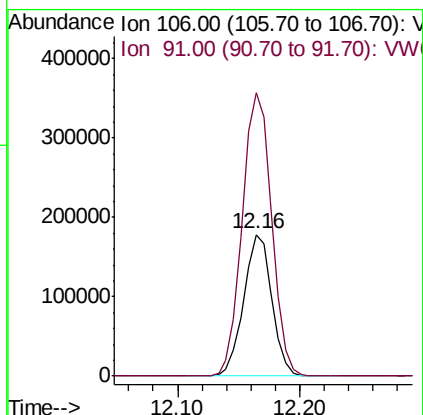
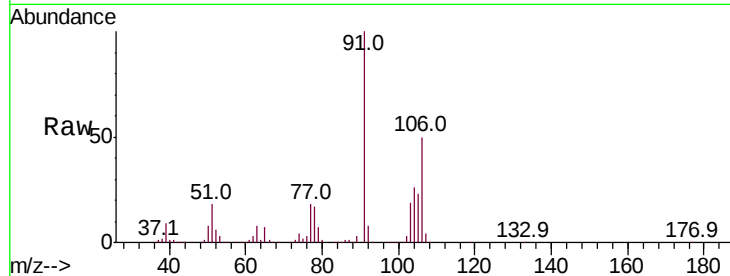




#69
o-Xylene
Concen: 45.209 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

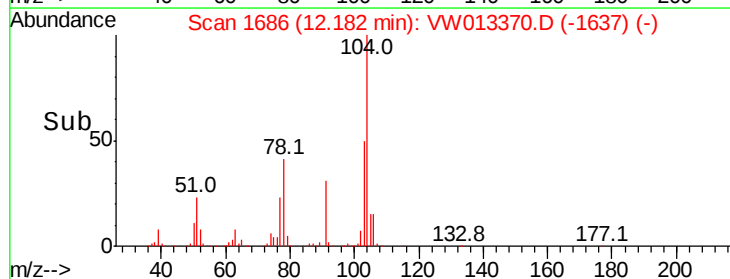
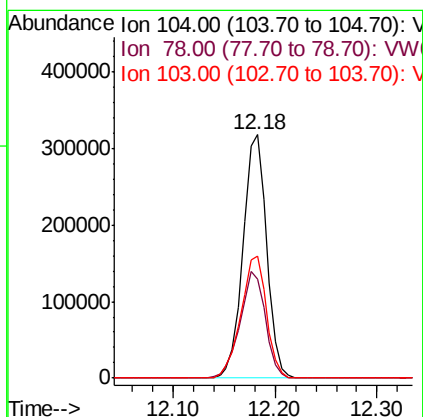
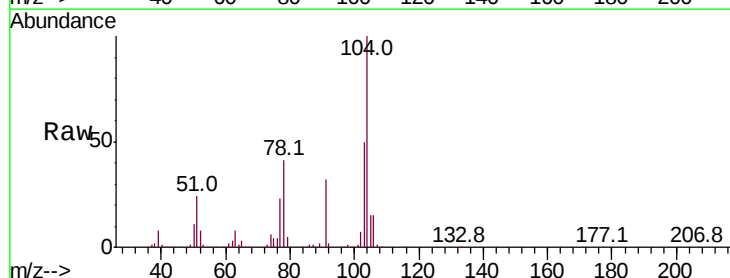
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

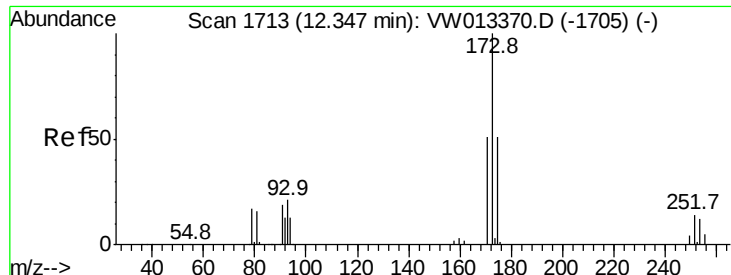
Tot Ion:106 Resp: 285516
Ion Ratio Lower Upper
106 100
91 208.7 104.4 313.1



#70
Styrene
Concen: 47.063 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Tgt Ion:104 Resp: 510417
Ion Ratio Lower Upper
104 100
78 46.8 37.4 56.2
103 54.0 43.2 64.8

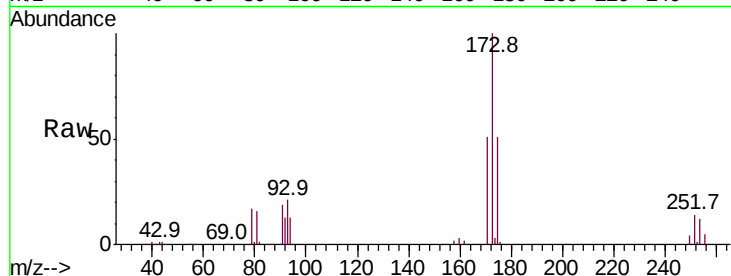




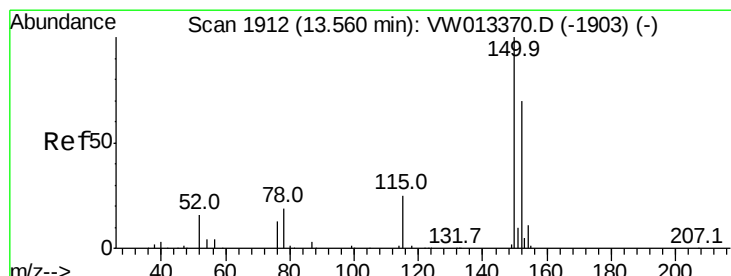
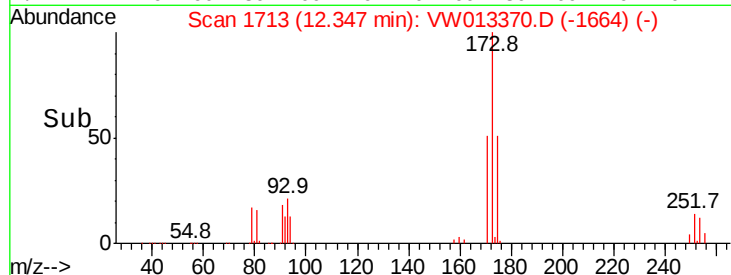
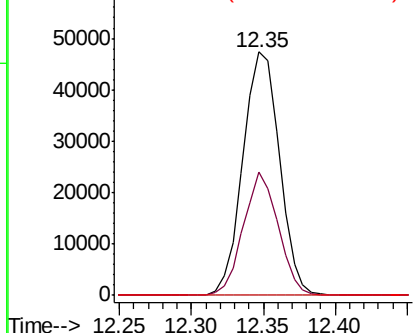
#71
Bromoform
Concen: 46.093 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion:173 Resp: 83225
Ion Ratio Lower Upper
173 100
175 48.3 24.1 72.4
254 0.0 0.0 0.0#

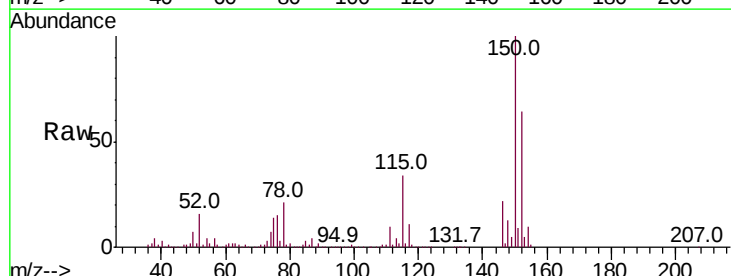


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

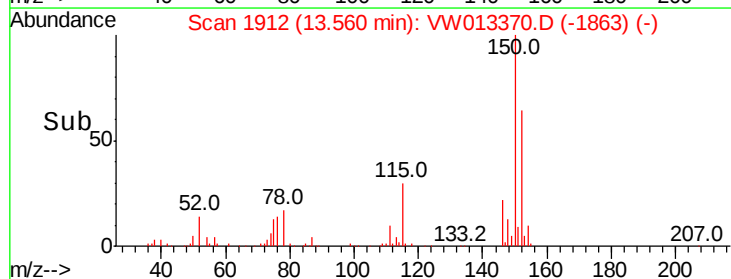
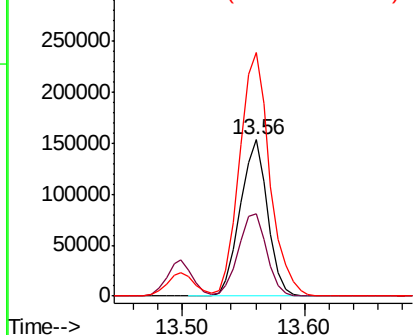


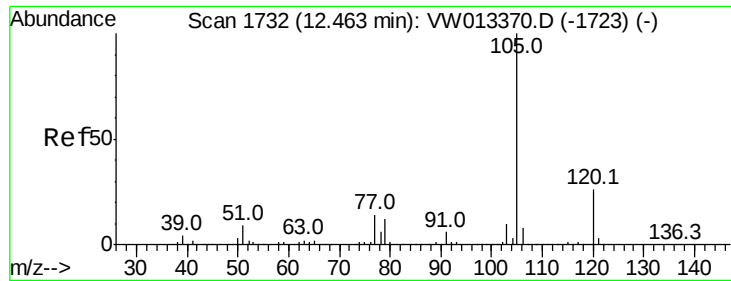
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Tgt Ion:152 Resp: 236212
Ion Ratio Lower Upper
152 100
115 54.3 27.2 81.5
150 172.3 0.0 344.6



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





#73

Isopropylbenzene

Concen: 44.903 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

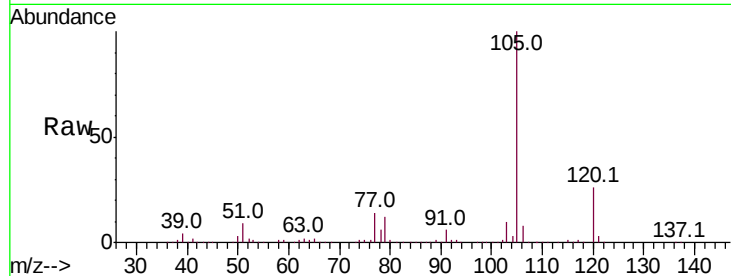
VSTDICCC050

Tot Ion:105 Resp: 798594

Ion Ratio Lower Upper

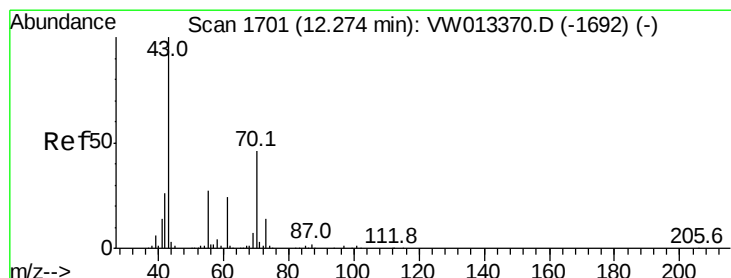
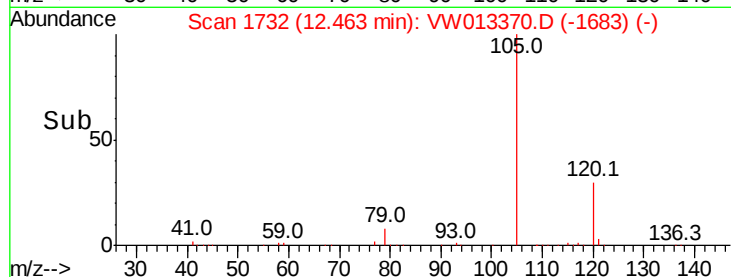
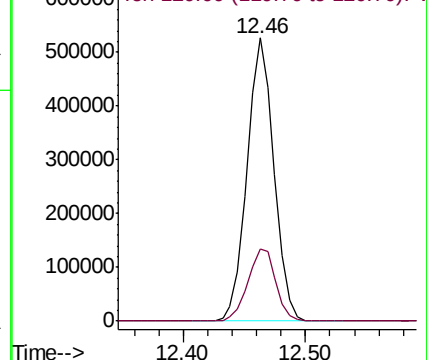
105 100

120 26.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 43.455 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Tgt Ion: 43 Resp: 166706

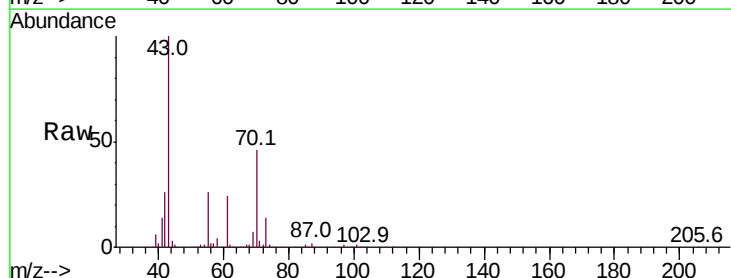
Ion Ratio Lower Upper

43 100

70 45.8 36.6 55.0

55 26.3 21.0 31.6

61 26.2 21.0 31.4

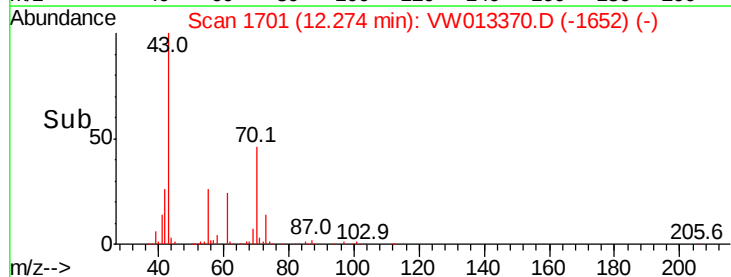
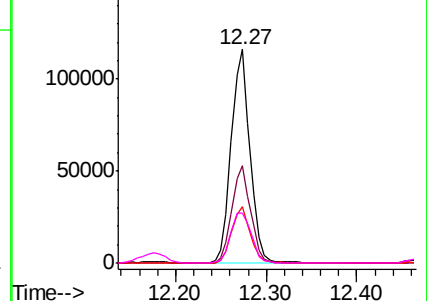


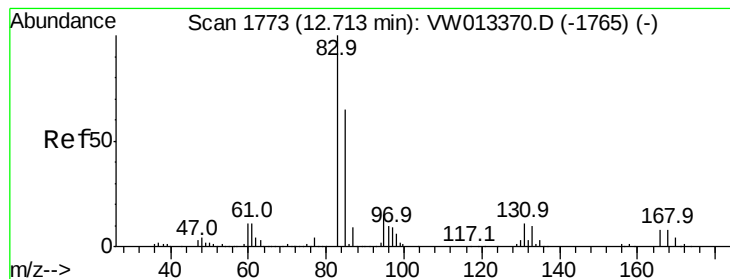
Abundance Ion 43.00 (42.70 to 43.70): VV

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





#75

1,1,2,2-Tetrachloroethane

Concen: 41.306 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

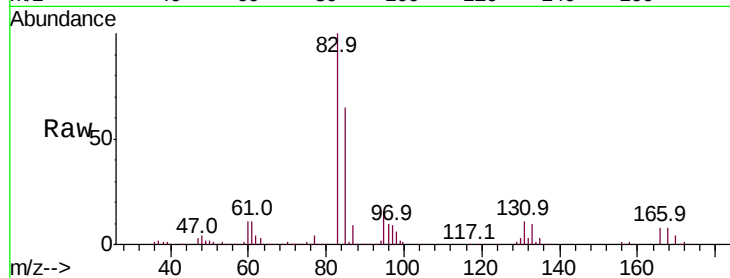
Tot Ion: 83 Resp: 126007

Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.6	16.8
85	66.1	33.1	99.2

83 100

131 11.2 5.6 16.8

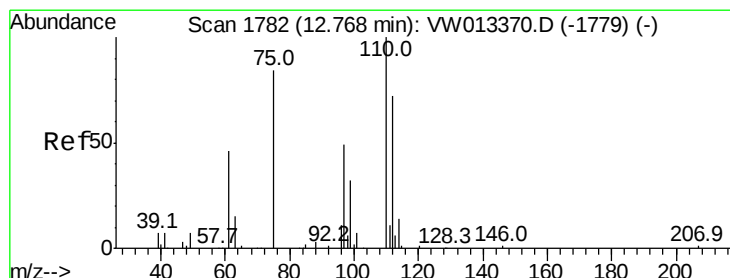
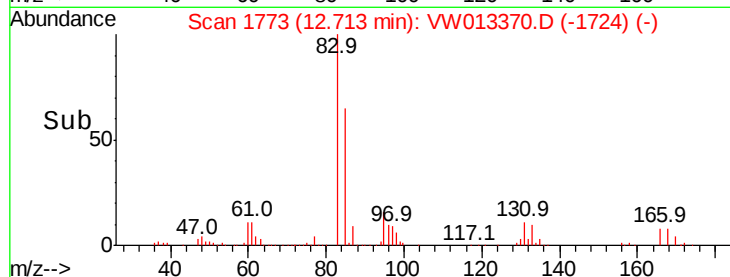
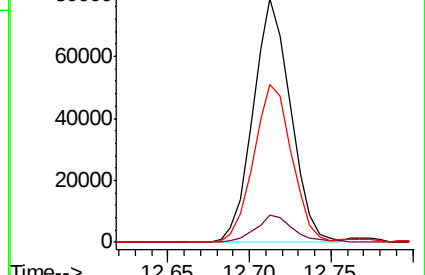
85 66.1 33.1 99.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 76.308 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW013370.D

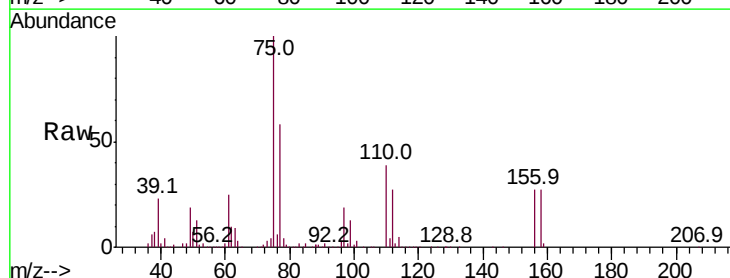
Acq: 01 Oct 2019 14:20

Tgt Ion: 75 Resp: 162998

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

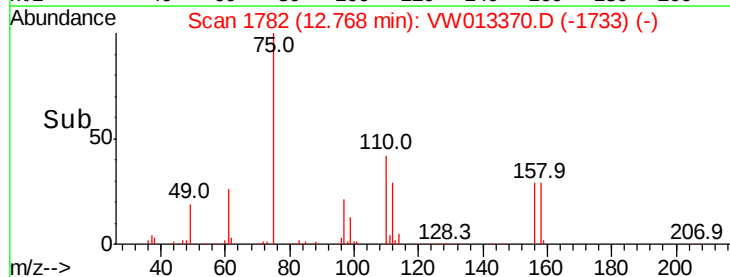
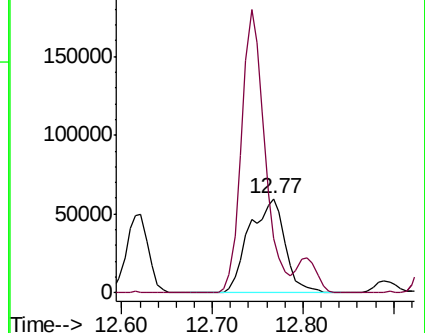
75 100

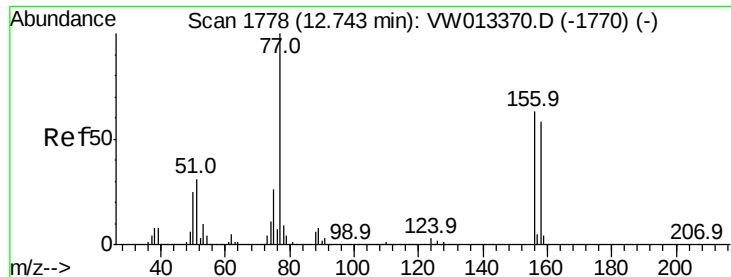
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

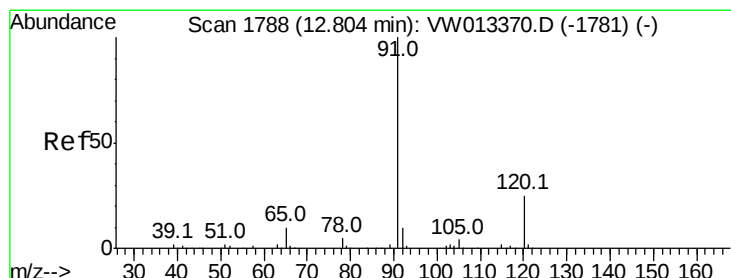
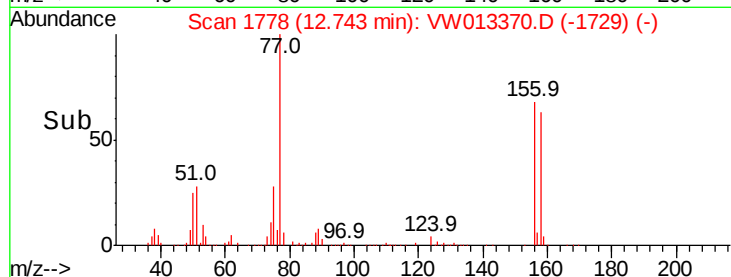
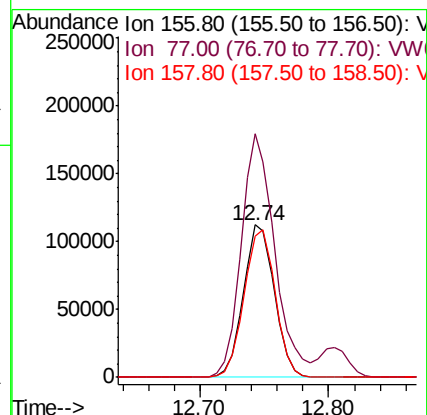
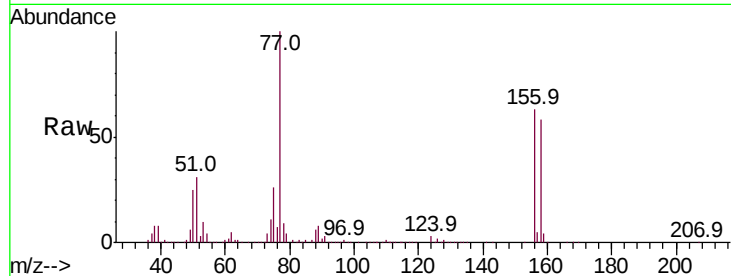




#77
Bromobenzene
Concen: 43.918 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

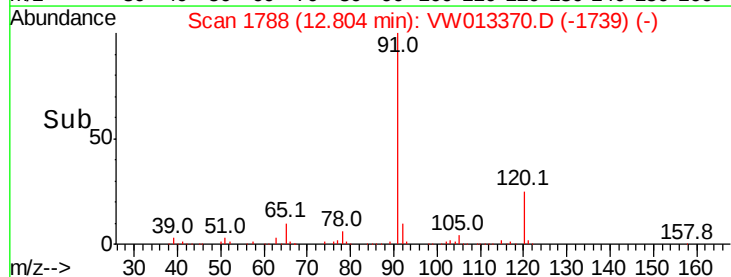
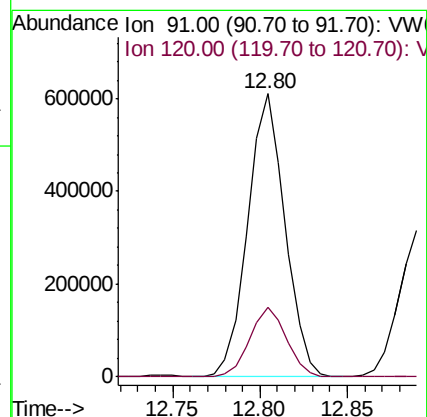
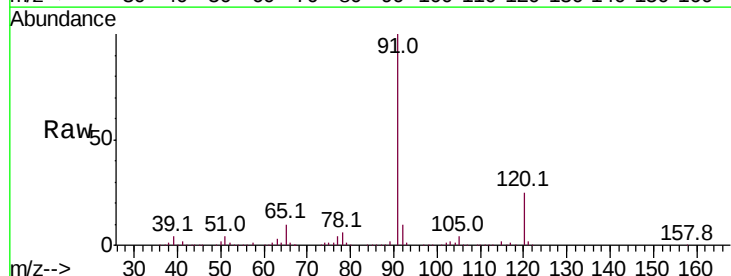
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

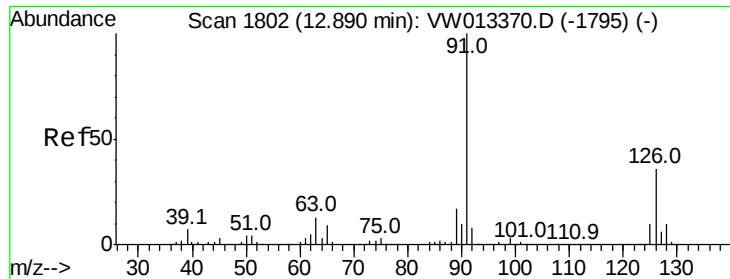
Tot Ion:156 Resp: 185914
Ion Ratio Lower Upper
156 100
77 173.4 86.7 260.1
158 97.3 48.6 145.9



#78
n-propylbenzene
Concen: 44.256 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Tgt Ion: 91 Resp: 901511
Ion Ratio Lower Upper
91 100
120 24.2 12.1 36.3

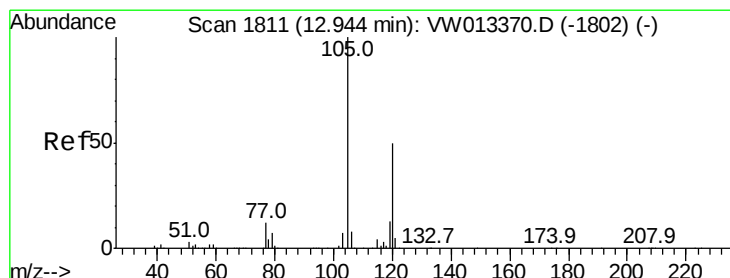
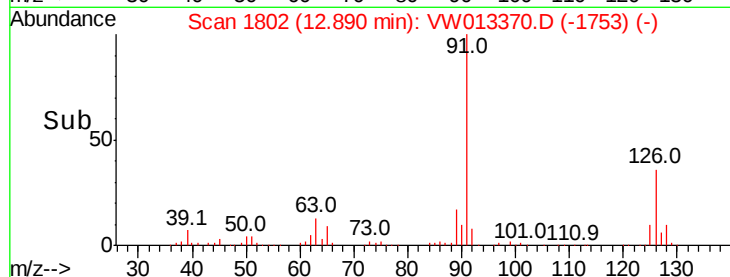
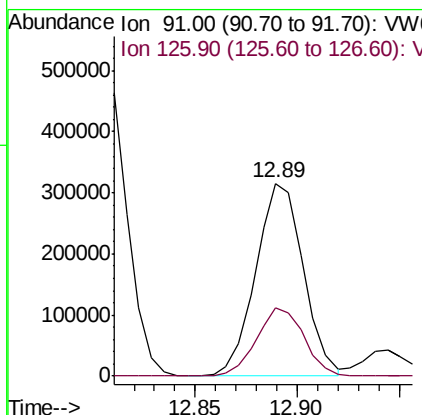
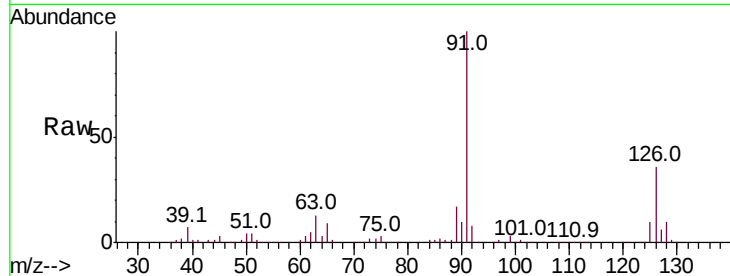




#79
2-Chlorotoluene
Concen: 44.479 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

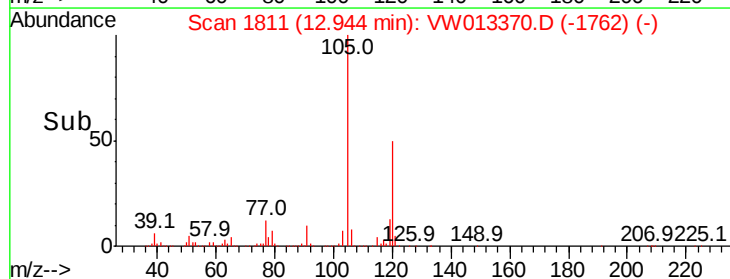
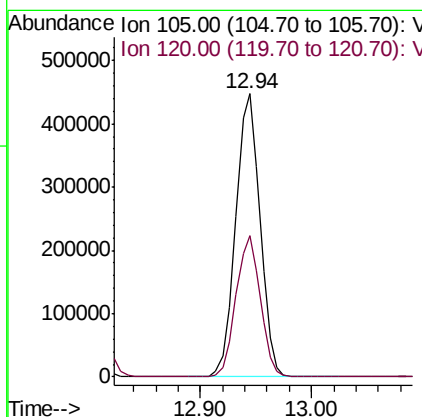
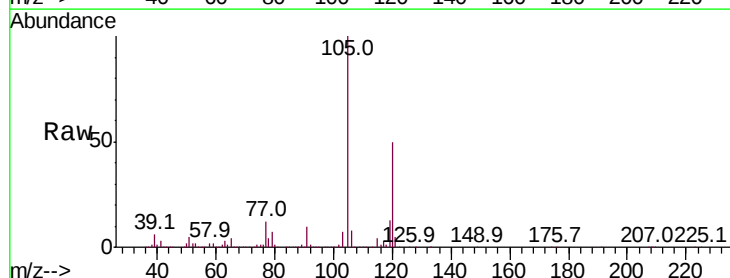
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

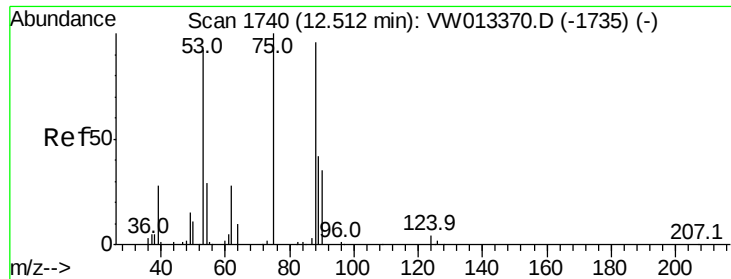
Tot Ion: 91 Resp: 512085
Ion Ratio Lower Upper
91 100
126 35.3 17.6 52.9



#80
1,3,5-Trimethylbenzene
Concen: 45.109 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Tgt Ion:105 Resp: 675308
Ion Ratio Lower Upper
105 100
120 49.9 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 44.416 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

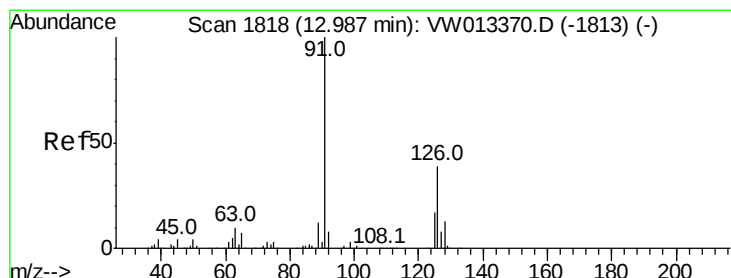
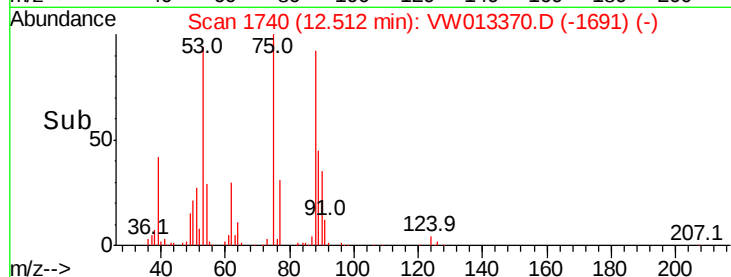
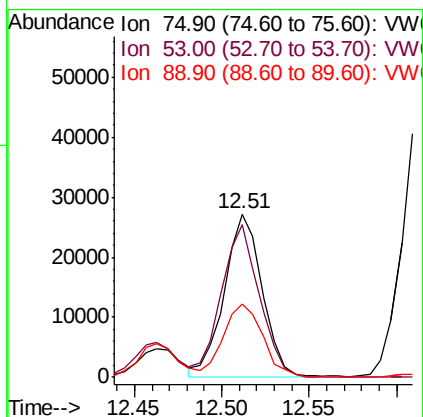
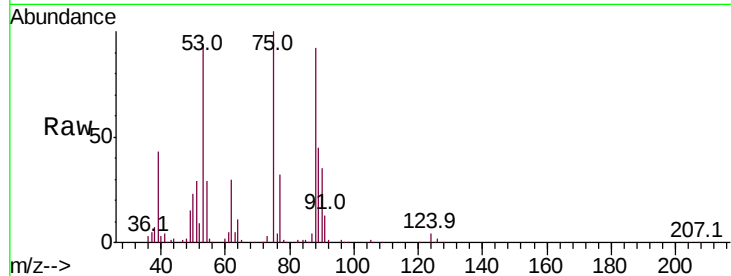
Tot Ion: 75 Resp: 40673

Ion Ratio Lower Upper

75 100

53 93.8 75.0 112.6

89 47.0 37.6 56.4



#82

4-Chlorotoluene

Concen: 44.082 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW013370.D

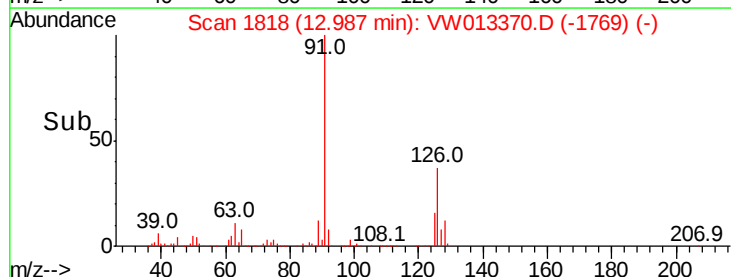
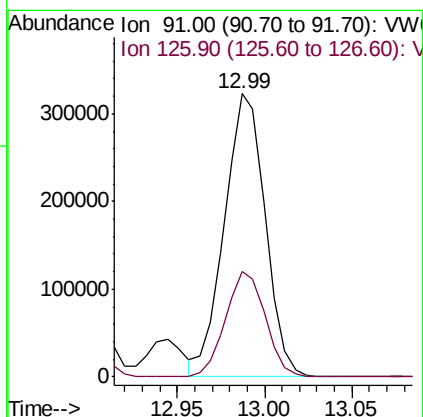
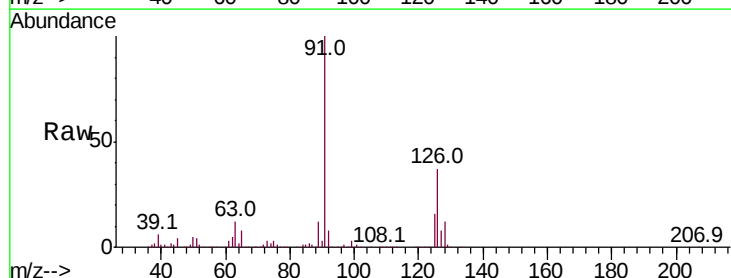
Acq: 01 Oct 2019 14:20

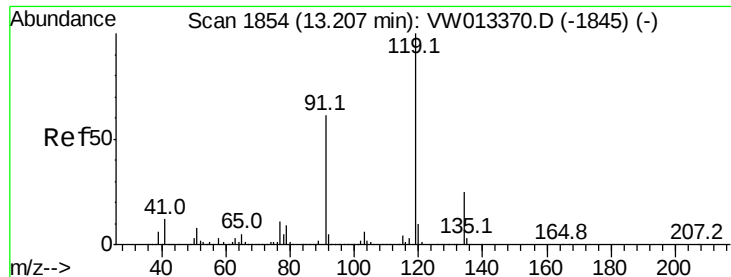
Tgt Ion: 91 Resp: 522807

Ion Ratio Lower Upper

91 100

126 36.3 18.1 54.4

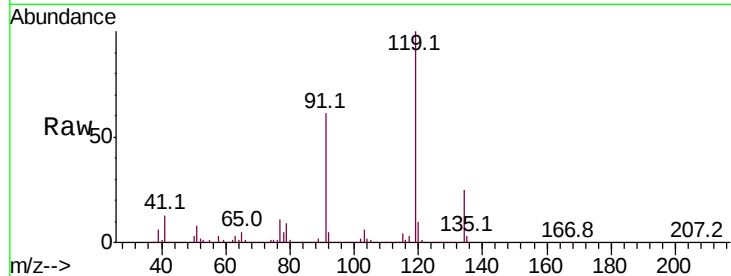




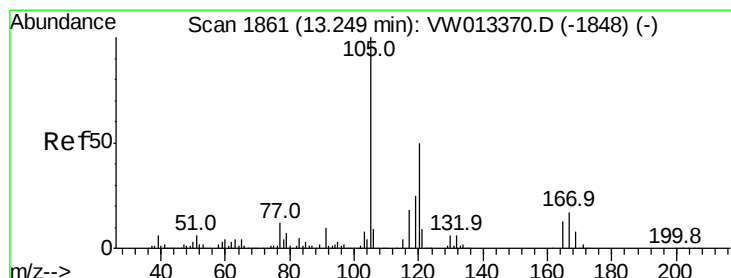
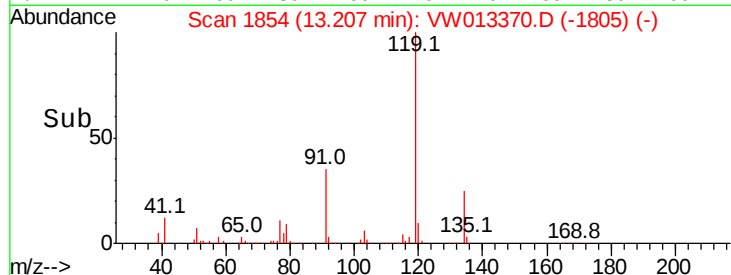
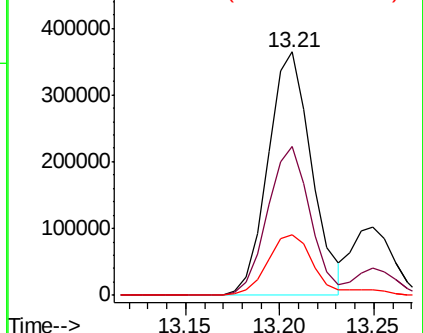
#83
tert-Butylbenzene
Concen: 44.390 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion:119 Resp: 584322
Ion Ratio Lower Upper
119 100
91 59.8 29.9 89.7
134 27.7 13.9 41.6

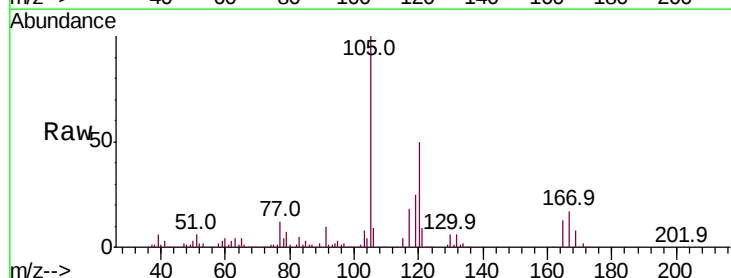


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

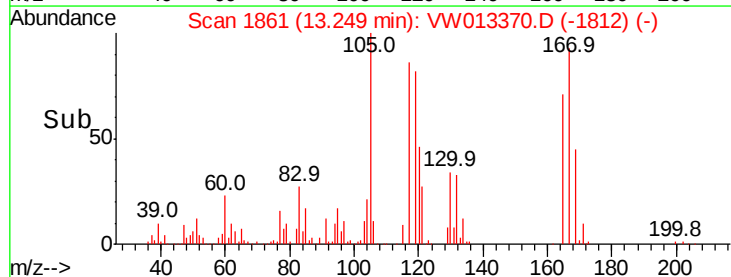
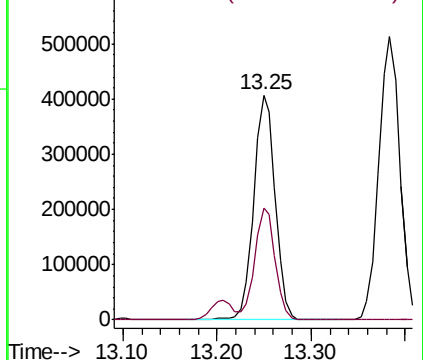


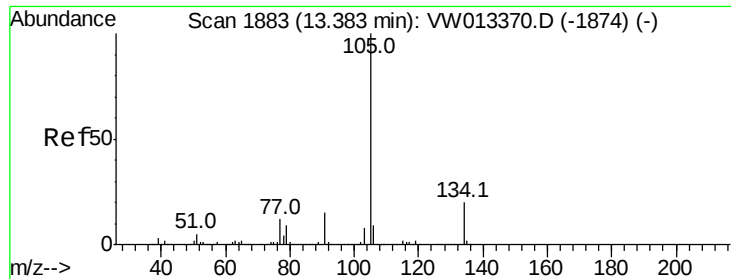
#84
1,2,4-Trimethylbenzene
Concen: 43.996 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW013370.D
Acq: 01 Oct 2019 14:20

Tgt Ion:105 Resp: 653105
Ion Ratio Lower Upper
105 100
120 47.2 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 43.754 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

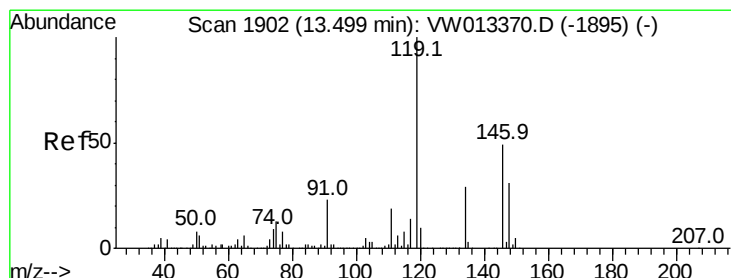
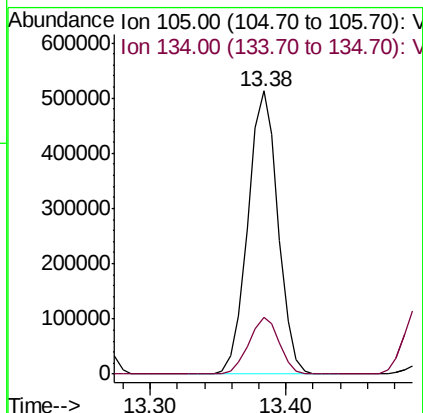
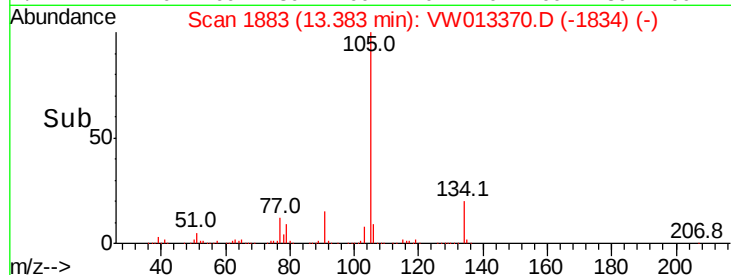
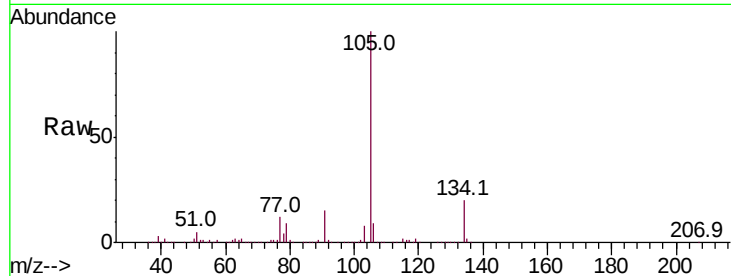
VSTDICCC050

Tot Ion:105 Resp: 794672

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.4



#86

p-Isopropyltoluene

Concen: 43.796 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

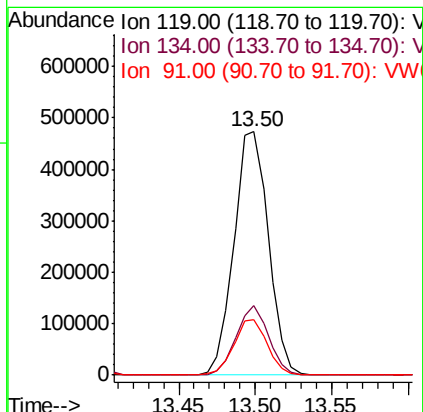
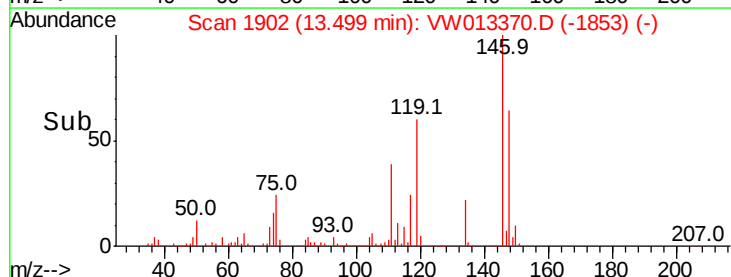
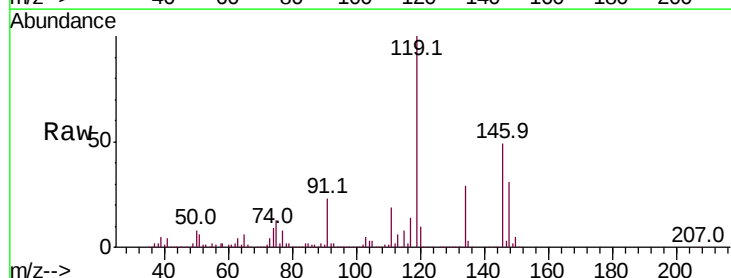
Tgt Ion:119 Resp: 737655

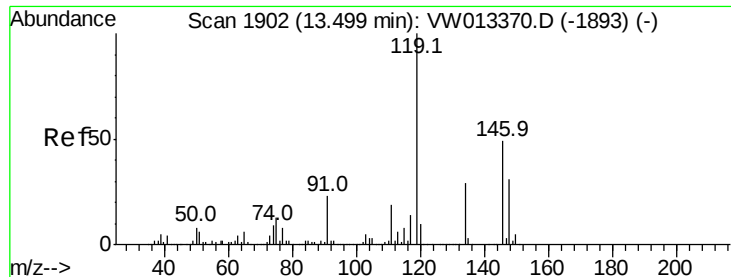
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 22.1 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 44.224 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

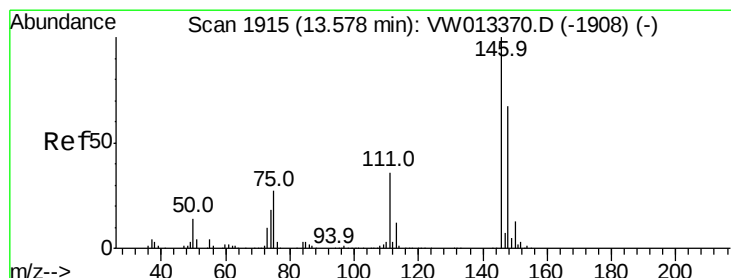
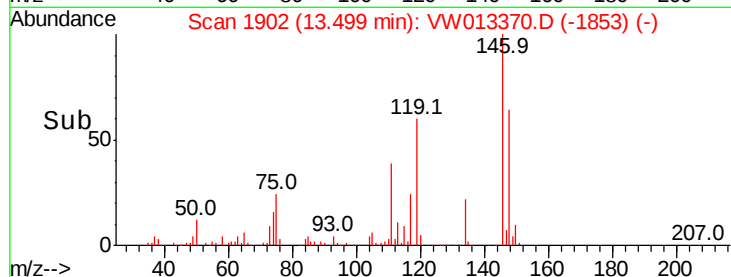
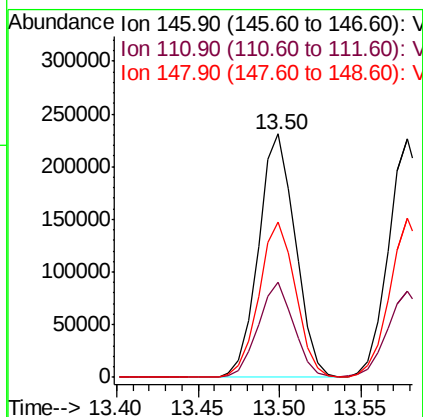
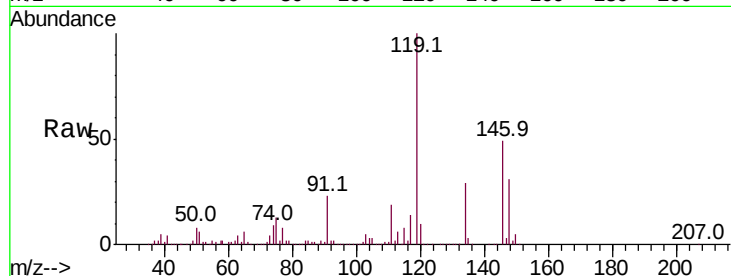
Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion:146 Resp: 362415

Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.7
148	63.5	31.8	95.3



#88

1,4-Dichlorobenzene

Concen: 44.030 ug/l

RT: 13.58 min Scan# 1915

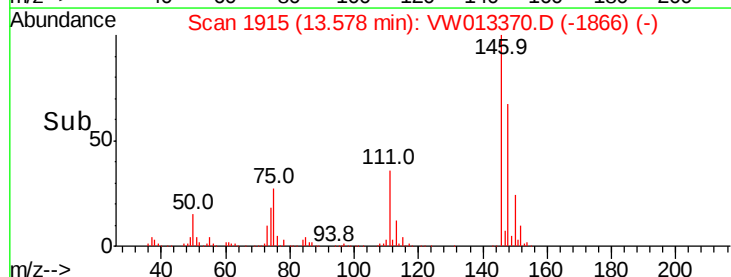
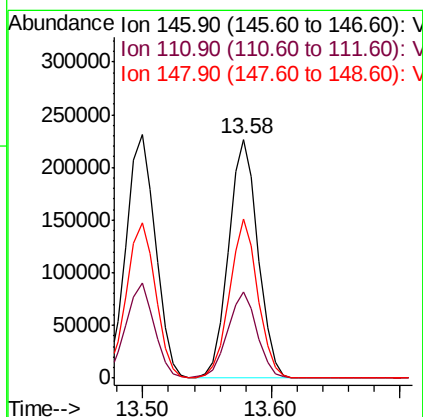
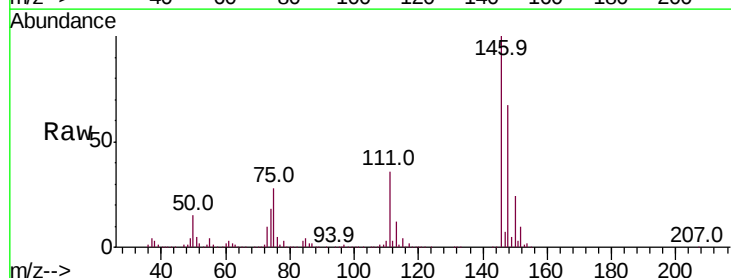
Delta R.T. 0.00 min

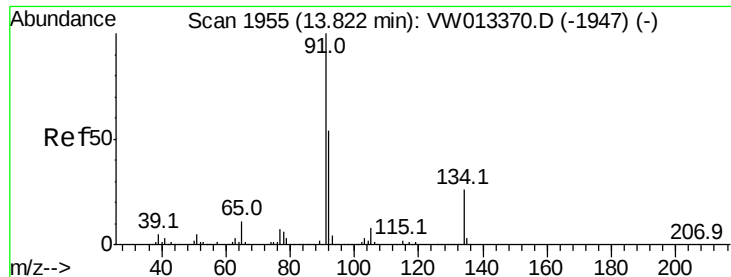
Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Tgt Ion:146 Resp: 358872

Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.2	54.6
148	64.7	32.4	97.0





#89

n-Butylbenzene

Concen: 44.904 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

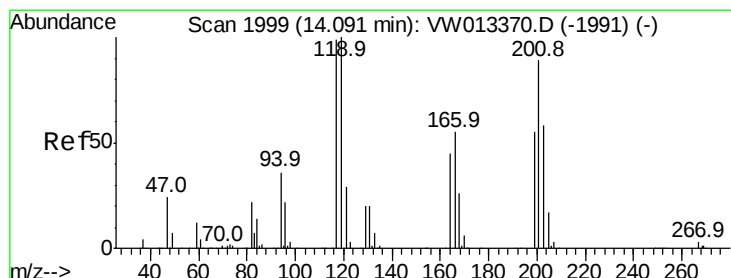
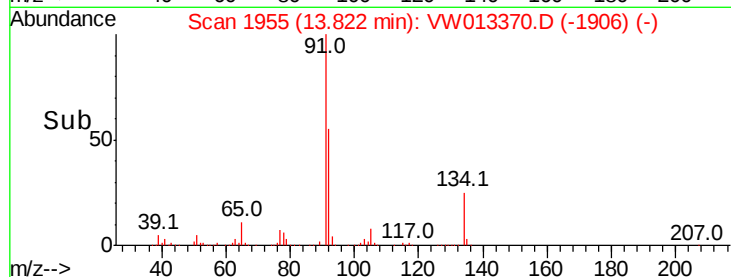
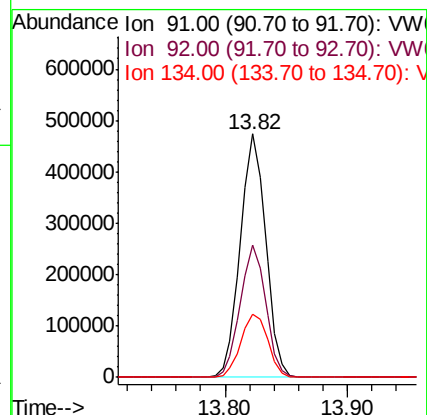
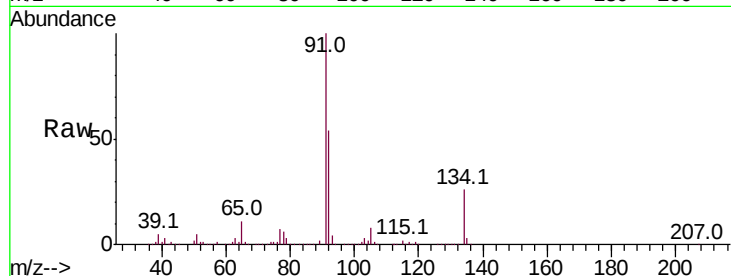
Tot Ion: 91 Resp: 682301

Ion Ratio Lower Upper

91 100

92 54.5 27.3 81.8

134 27.6 13.8 41.4



#90

Hexachloroethane

Concen: 45.452 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW013370.D

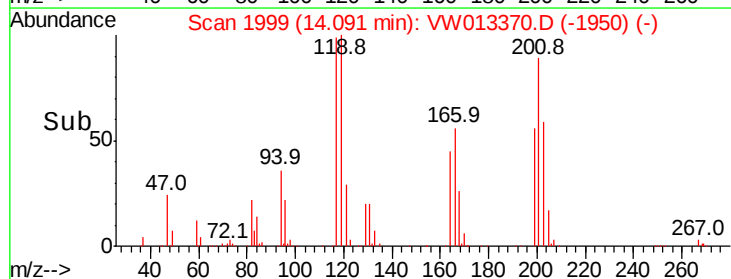
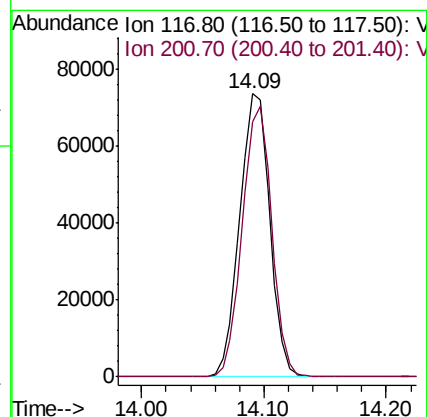
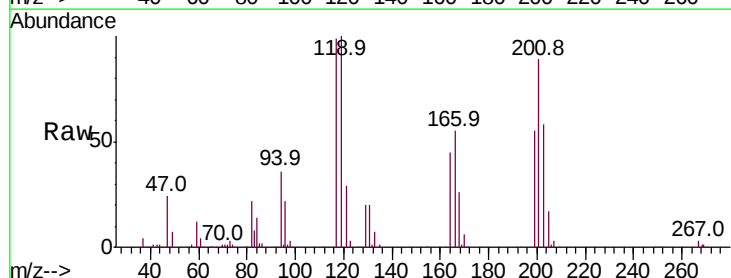
Acq: 01 Oct 2019 14:20

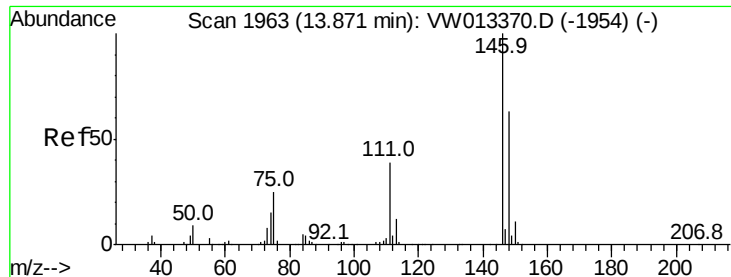
Tgt Ion: 117 Resp: 125179

Ion Ratio Lower Upper

117 100

201 93.7 46.9 140.6

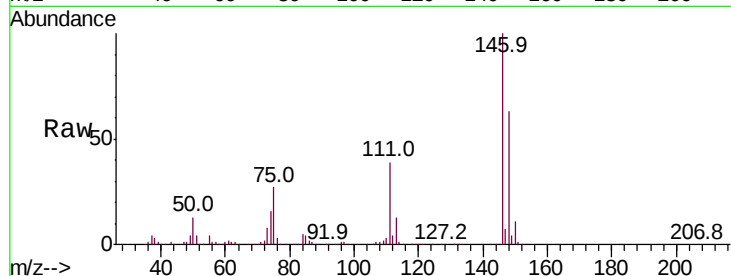




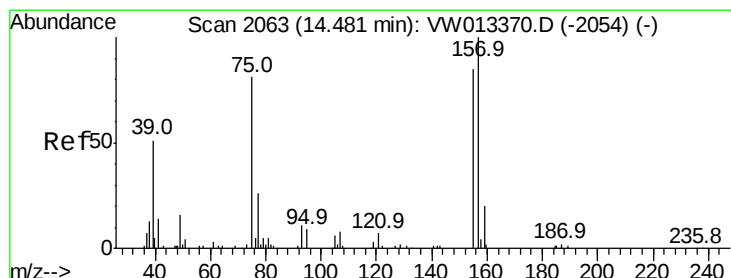
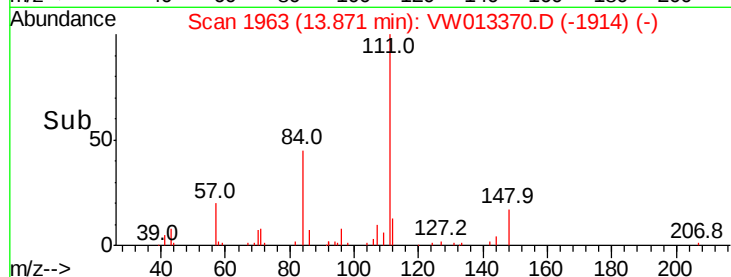
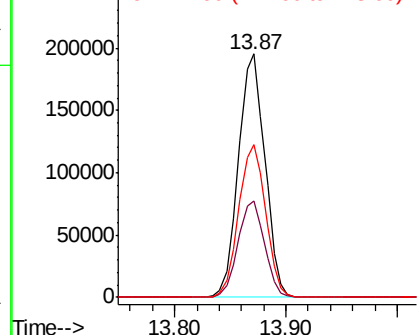
#91
 1,2-Dichlorobenzene
 Concen: 44.649 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.8	59.3
148	63.6	31.8	95.4

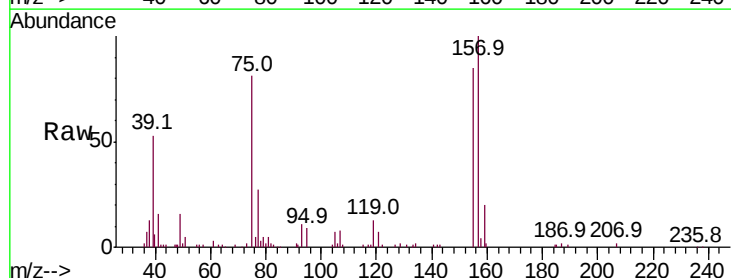


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

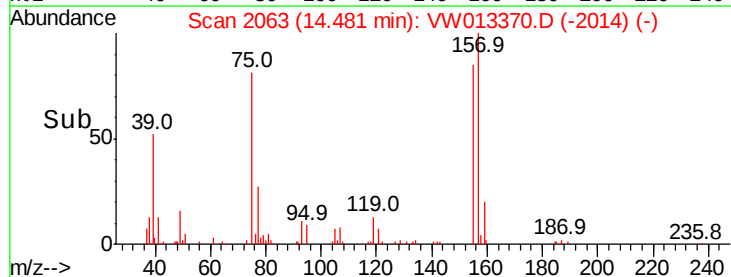
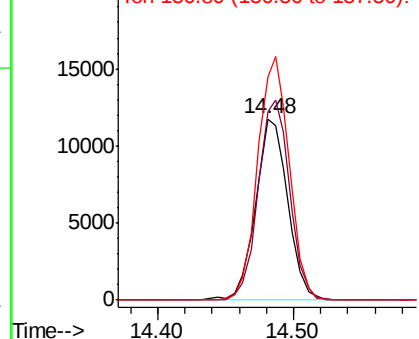


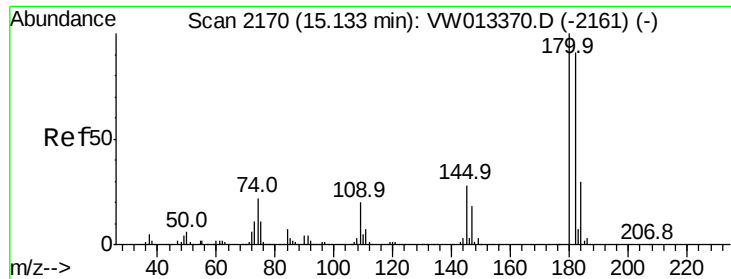
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.402 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	108.8	54.4	163.2
157	132.2	66.1	198.3



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

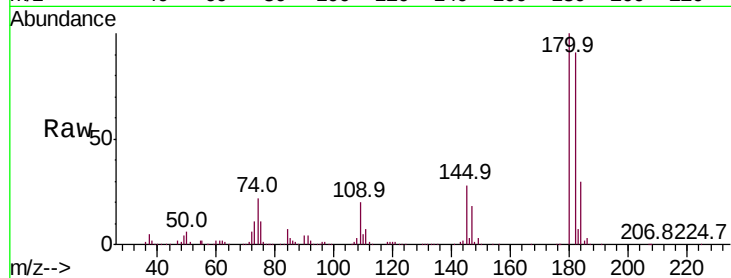




#93
 1,2,4-Trichlorobenzene
 Concen: 47.235 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	46.9	140.7
145	27.8	13.9	41.7

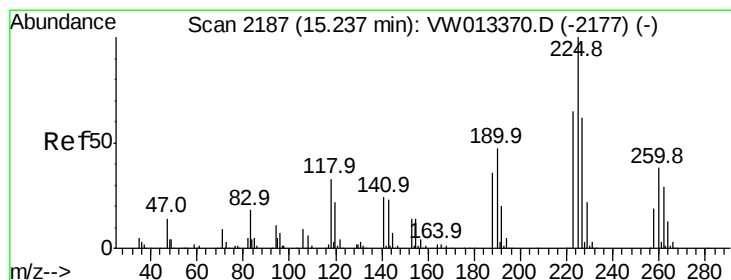
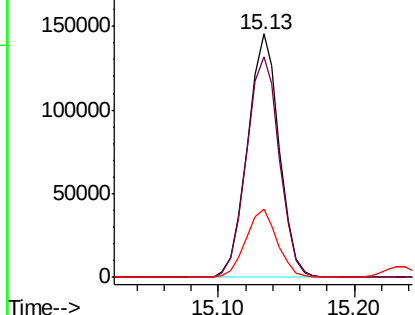
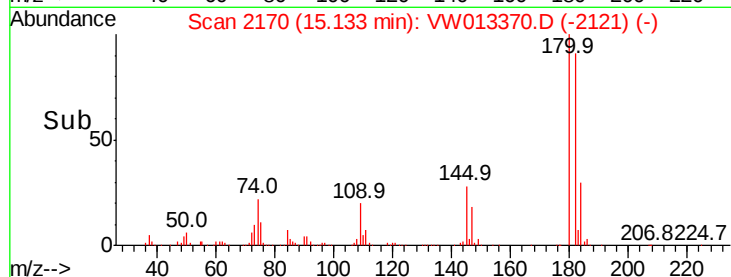


Abundance

Ion 179.80 (179.50 to 180.50): V

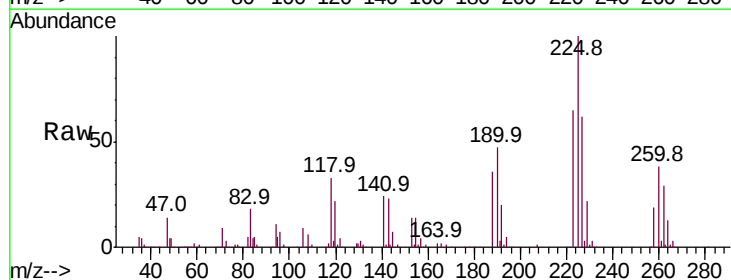
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 43.203 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW013370.D
 Acq: 01 Oct 2019 14:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	32.2	96.6
227	64.6	32.3	96.9

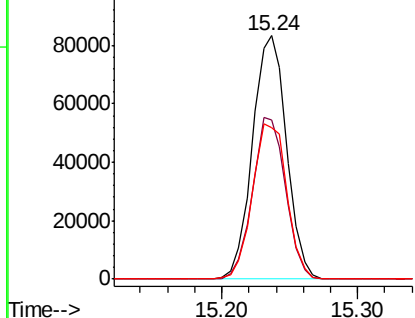
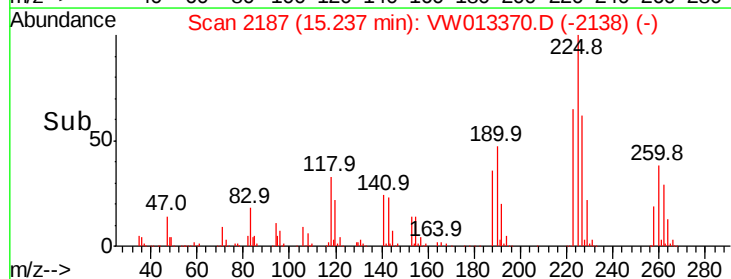


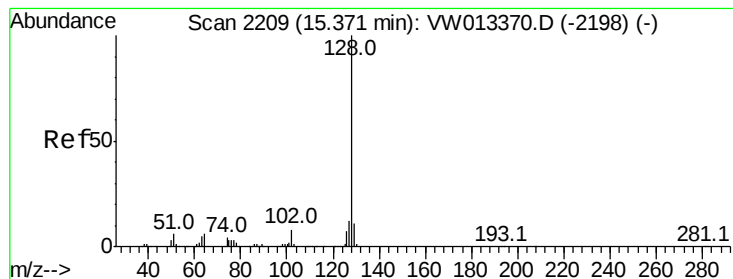
Abundance

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: 47.701 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

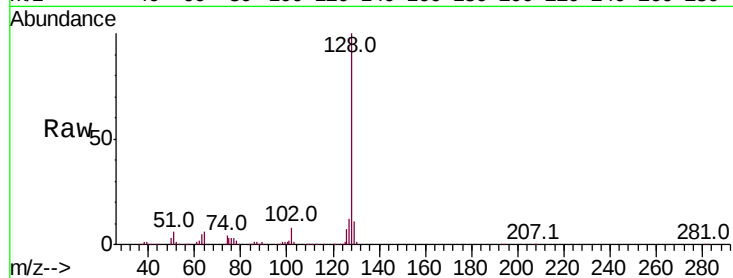
Tot Ion:128 Resp: 393999

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

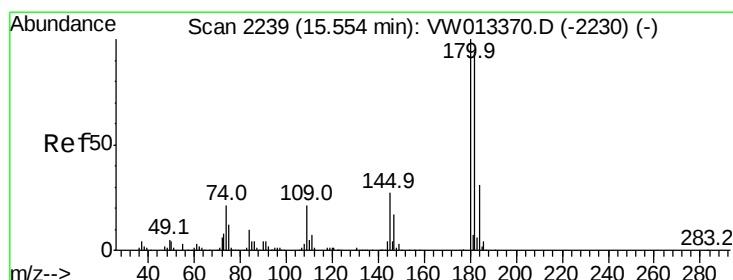
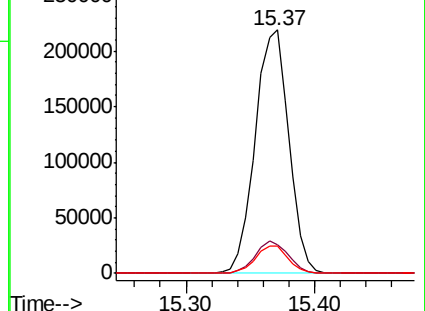
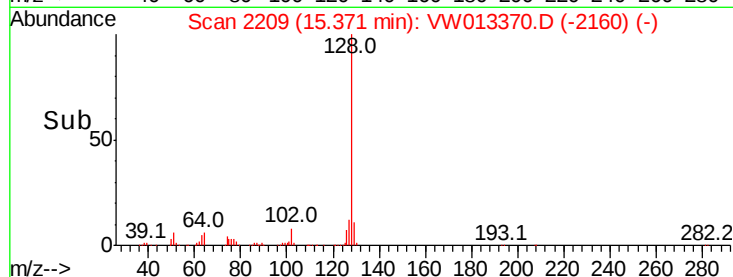
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 45.569 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VW013370.D

Acq: 01 Oct 2019 14:20

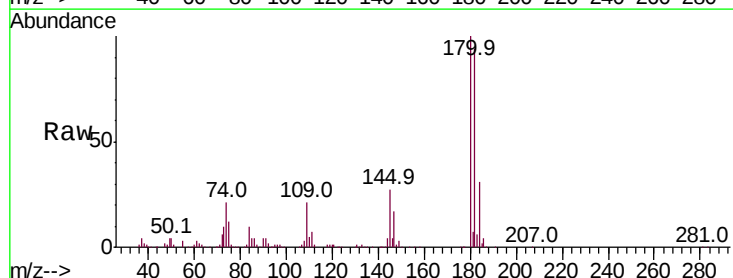
Tgt Ion:180 Resp: 200388

Ion Ratio Lower Upper

180 100

182 95.3 47.6 142.9

145 29.8 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

