

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083120\
 Data File : VW016407.D
 Acq On : 31 Aug 2020 13:27
 Operator : SY/VA
 Sample : VW0831SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0831SBS01

Quant Time: Sep 01 02:58:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 28 15:01:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	180766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	271988	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	249587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	123988	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	87650	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
35) Dibromofluoromethane	7.88	113	85462	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
50) Toluene-d8	10.33	98	330399	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.62	95	123346	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	19642	19.280	ug/l	97
3) Chloromethane	2.21	50	18164	18.533	ug/l	95
4) Vinyl Chloride	2.36	62	29129	20.391	ug/l	99
5) Bromomethane	2.78	94	19842	19.671	ug/l	95
6) Chloroethane	2.92	64	16931	19.912	ug/l	99
7) Trichlorofluoromethane	3.26	101	36983	21.413	ug/l	100
8) Diethyl Ether	3.68	74	16132	18.556	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	34353	20.377	ug/l	99
10) Methyl Iodide	4.27	142	52442	20.356	ug/l	99
11) Tert butyl alcohol	5.21	59	9842	82.127	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	34616	20.122	ug/l	96
13) Acrolein	3.90	56	7897	94.731	ug/l	95
14) Allyl chloride	4.67	41	40973	19.054	ug/l	98
15) Acrylonitrile	5.37	53	29547	91.285	ug/l	98
16) Acetone	4.14	43	27744	90.288	ug/l	99
17) Carbon Disulfide	4.39	76	98444	20.382	ug/l	97
18) Methyl Acetate	4.68	43	12601	17.984	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	51084	19.436	ug/l	97
20) Methylene Chloride	4.92	84	39997	16.887	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	39122	20.290	ug/l	97
22) Diisopropyl ether	6.31	45	83149	19.534	ug/l	95
23) Vinyl Acetate	6.26	43	246191	94.378	ug/l	99
24) 1,1-Dichloroethane	6.22	63	60315	19.654	ug/l	98
25) 2-Butanone	7.18	43	36152	86.713	ug/l	97
26) 2,2-Dichloropropane	7.17	77	48476	20.452	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	41853	20.035	ug/l	97
28) Bromochloromethane	7.52	49	20071	18.005	ug/l	100
29) Tetrahydrofuran	7.54	42	21934	88.131	ug/l	99
30) Chloroform	7.68	83	67548	19.815	ug/l	98
31) Cyclohexane	7.96	56	54022	19.207	ug/l	93
32) 1,1,1-Trichloroethane	7.88	97	64060	20.866	ug/l	98
36) 1,1-Dichloropropene	8.09	75	53805	20.787	ug/l	99
37) Ethyl Acetate	7.26	43	16833	19.196	ug/l	98
38) Carbon Tetrachloride	8.07	117	61921	21.831	ug/l	96

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 ALS Vial : 6 Sample Multiplier: 1

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 VW0831SBSD01

Quant Time: Sep 01 02:58:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 28 15:01:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	65551	20.915	ug/l	97
40) Benzene	8.32	78	143660	20.731	ug/l	94
41) Methacrylonitrile	7.48	41	9966	19.739	ug/l	94
42) 1,2-Dichloroethane	8.40	62	43240	20.456	ug/l	99
43) Isopropyl Acetate	8.43	43	32265	18.438	ug/l	99
44) Trichloroethene	9.10	130	42523	20.508	ug/l	96
45) 1,2-Dichloropropane	9.37	63	31489	19.587	ug/l	94
46) Dibromomethane	9.46	93	19100	19.997	ug/l	98
47) Bromodichloromethane	9.65	83	50466	20.486	ug/l	98
48) Methyl methacrylate	9.44	41	14841	17.788	ug/l	95
49) 1,4-Dioxane	9.48	88	4859	373.461	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	81335	93.999	ug/l	100
52) Toluene	10.39	92	97592	21.004	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	46151	19.264	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	55602	19.918	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	26970	19.804	ug/l	95
56) Ethyl methacrylate	10.65	69	30923	19.431	ug/l	98
57) 1,3-Dichloropropane	10.93	76	44396	19.620	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	66001	92.364	ug/l	99
59) 2-Hexanone	10.97	43	54094	91.634	ug/l	100
60) Dibromochloromethane	11.13	129	34999	20.325	ug/l	99
61) 1,2-Dibromoethane	11.24	107	26332	19.716	ug/l	98
64) Tetrachloroethene	10.87	164	35433	20.668	ug/l	98
65) Chlorobenzene	11.66	112	103814	20.196	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	37781	19.850	ug/l	97
67) Ethyl Benzene	11.73	91	189216	20.619	ug/l	99
68) m/p-Xylenes	11.84	106	146068	41.690	ug/l	99
69) o-Xylene	12.17	106	66673	20.693	ug/l	96
70) Styrene	12.18	104	112627	20.511	ug/l	99
71) Bromoform	12.35	173	19637	20.276	ug/l #	100
73) Isopropylbenzene	12.46	105	191861	20.986	ug/l	99
74) N-amyl acetate	12.27	43	29411	18.383	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	28648	19.035	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	38905	35.485	ug/l	31
77) Bromobenzene	12.75	156	42887	20.179	ug/l	99
78) n-propylbenzene	12.80	91	224797	20.946	ug/l	98
79) 2-Chlorotoluene	12.90	91	126961	20.087	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	169122	21.091	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	9409	19.053	ug/l	99
82) 4-Chlorotoluene	12.99	91	136381	20.639	ug/l	100
83) tert-Butylbenzene	13.21	119	140792	20.899	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	167301	20.918	ug/l	97
85) sec-Butylbenzene	13.38	105	197975	21.224	ug/l	99
86) p-Isopropyltoluene	13.50	119	186756	21.446	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	86136	21.114	ug/l	95
88) 1,4-Dichlorobenzene	13.58	146	82052	19.991	ug/l	97
89) n-Butylbenzene	13.82	91	166903	20.876	ug/l	99
90) Hexachloroethane	14.10	117	33568	20.531	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	74711	20.444	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5280	19.300	ug/l	96

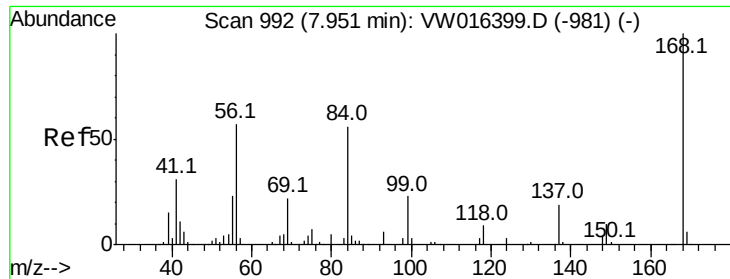
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW083120\
Data File : VW016407.D
Acq On : 31 Aug 2020 13:27
Operator : SY/VA
Sample : VW0831SBSD01
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Quant Time: Sep 01 02:58:15 2020
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Quant Title : SW846 8260
QLast Update : Fri Aug 28 15:01:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	47866	19.731	ug/l	94
94) Hexachlorobutadiene	15.24	225	30539	21.086	ug/l	98
95) Naphthalene	15.37	128	81769	18.214	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	41131	19.350	ug/l	97

(#) = 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. -0.01 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

ClientSampleId :

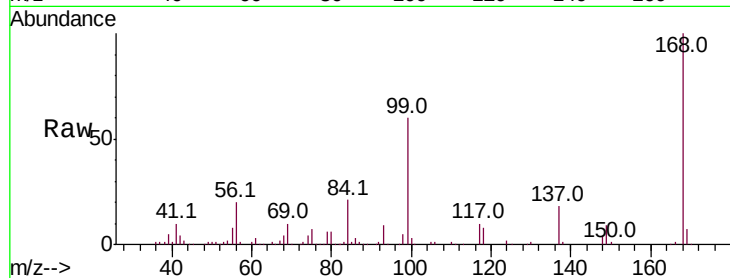
VW0831SBSD01

Tot Ion:168 Resp: 180766

Ion Ratio Lower Upper

168 100

99 60.0 49.0 73.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

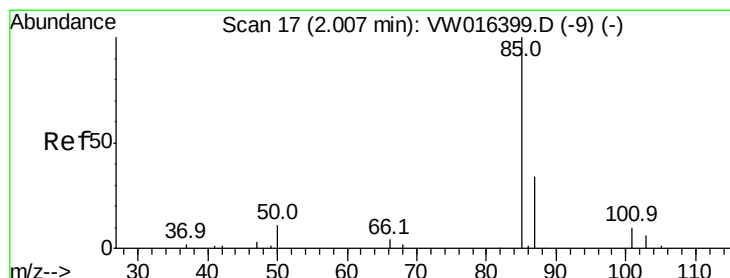
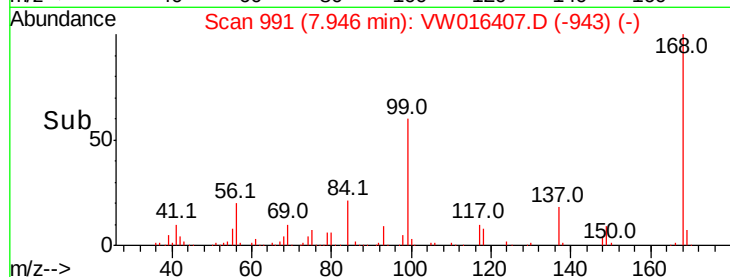
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 19.280 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW016407.D

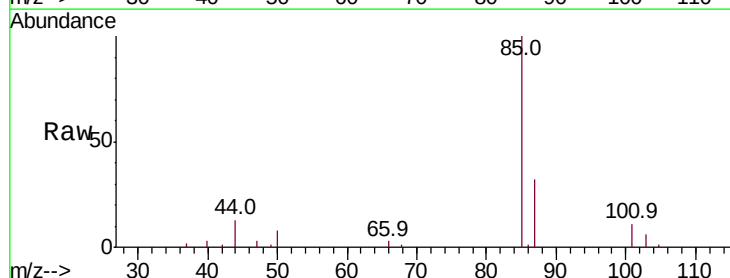
Acq: 31 Aug 2020 13:27

Tgt Ion: 85 Resp: 19642

Ion Ratio Lower Upper

85 100

87 32.2 17.0 51.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

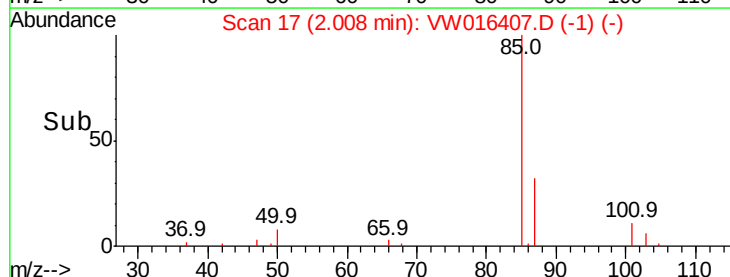
4000

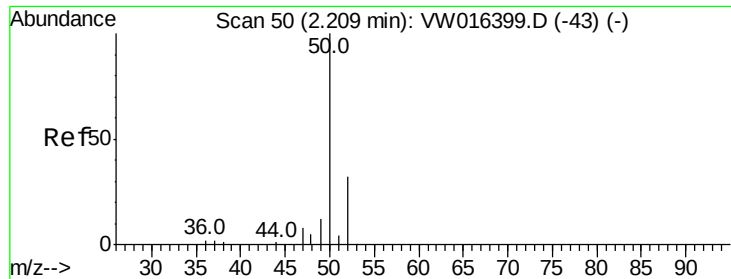
2000

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 18.533 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

ClientSampleId :

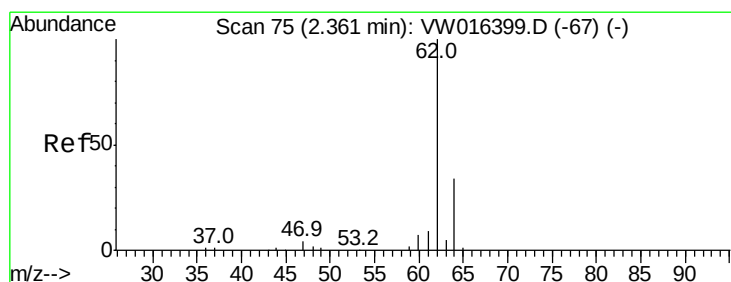
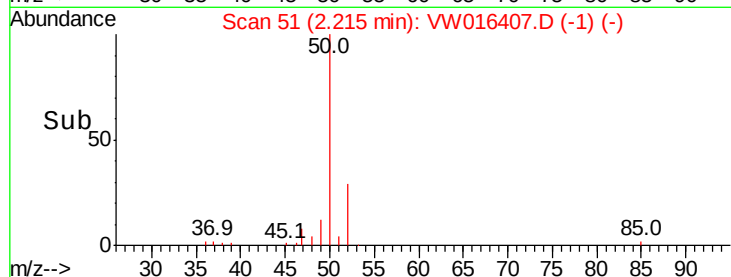
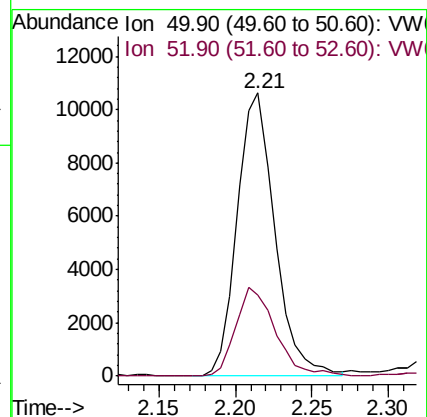
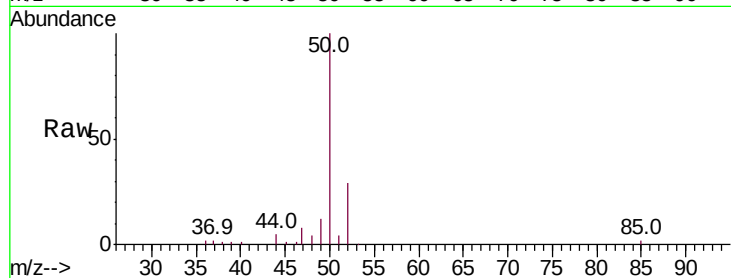
VW0831SBSD01

Tot Ion: 50 Resp: 18164

Ion Ratio Lower Upper

50 100

52 28.8 25.5 38.3



#4

Vinyl Chloride

Concen: 20.391 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW016407.D

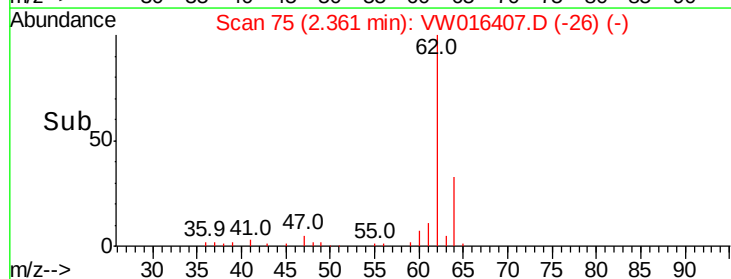
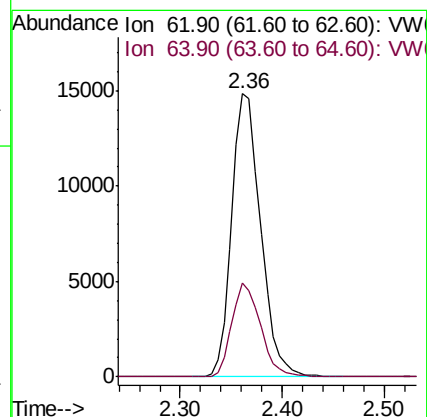
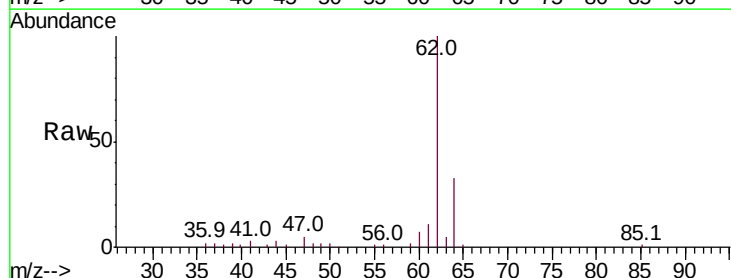
Acq: 31 Aug 2020 13:27

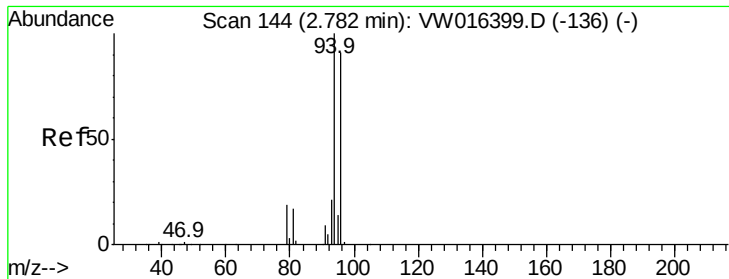
Tgt Ion: 62 Resp: 29129

Ion Ratio Lower Upper

62 100

64 33.2 27.2 40.8





#5

Bromomethane

Concen: 19.671 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

ClientSampleId :

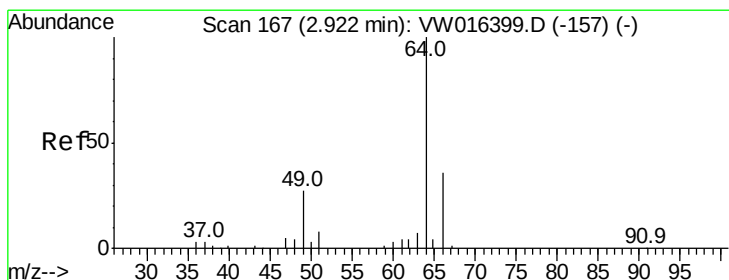
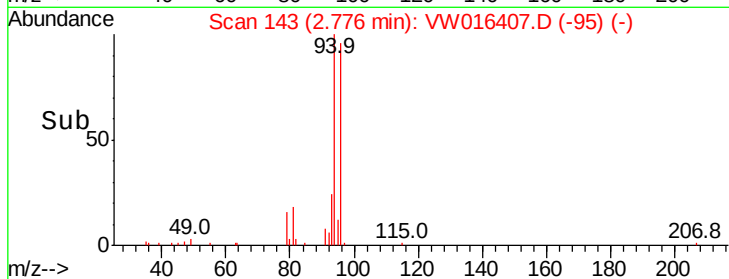
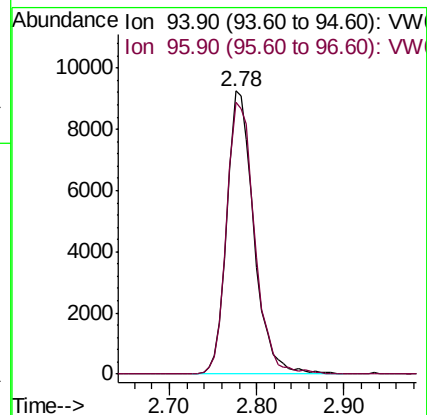
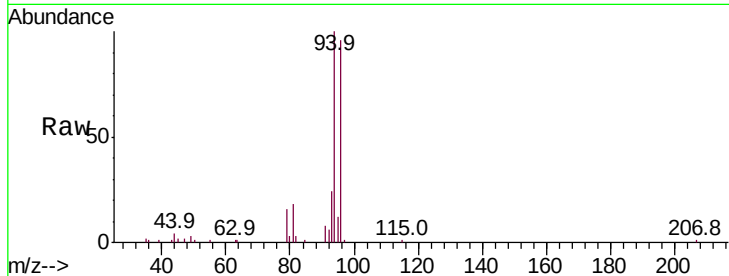
VW0831SBSD01

Tot Ion: 94 Resp: 19842

Ion Ratio Lower Upper

94 100

96 96.0 72.6 109.0



#6

Chloroethane

Concen: 19.912 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW016407.D

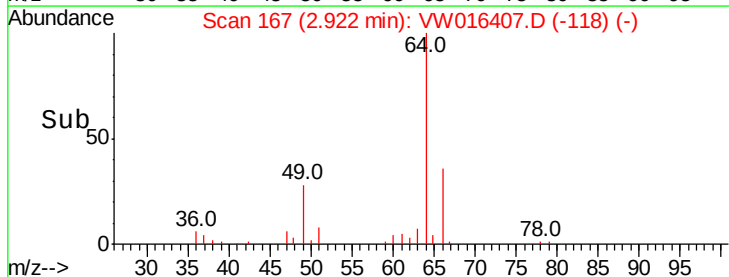
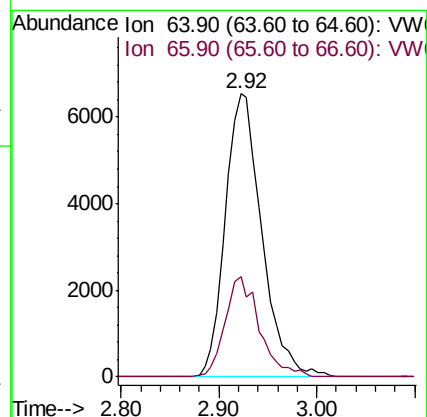
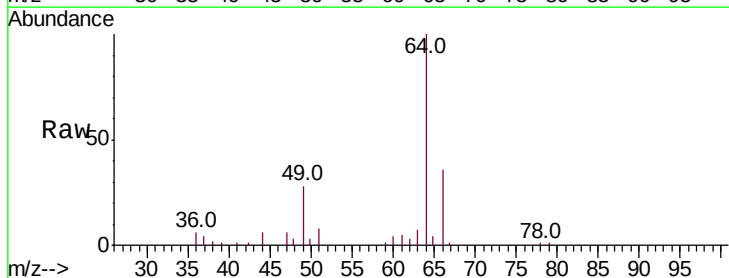
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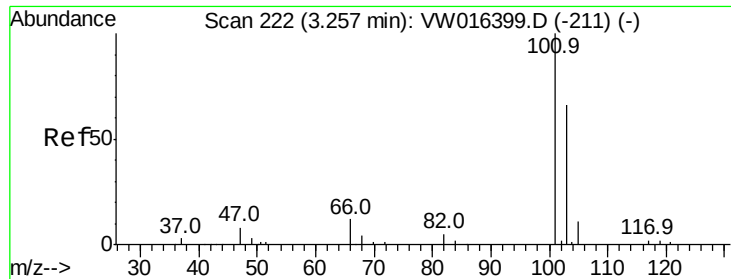
Tgt Ion: 64 Resp: 16931

Ion Ratio Lower Upper

64 100

66 35.6 28.7 43.1



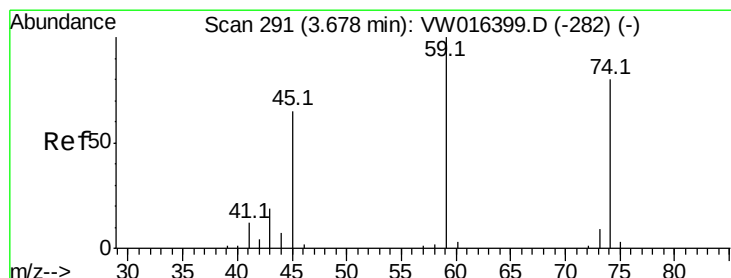
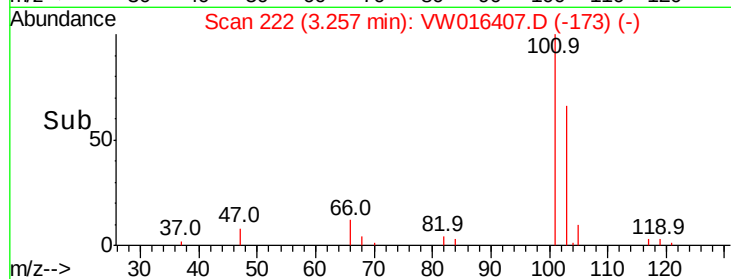
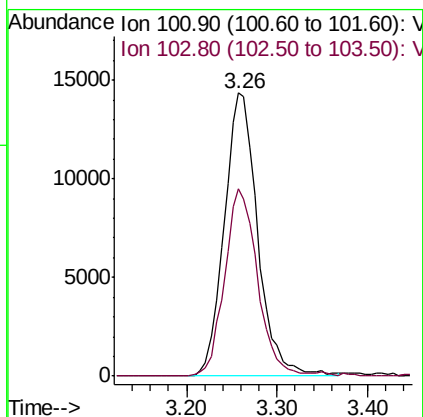
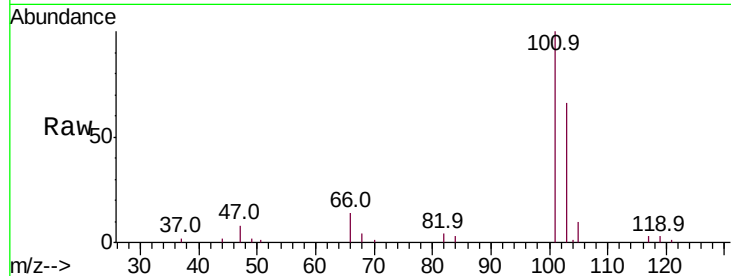


#7

Trichlorofluoromethane
 Concen: 21.413 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0831SBSD01

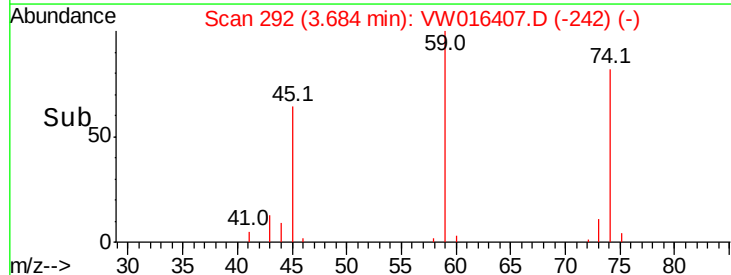
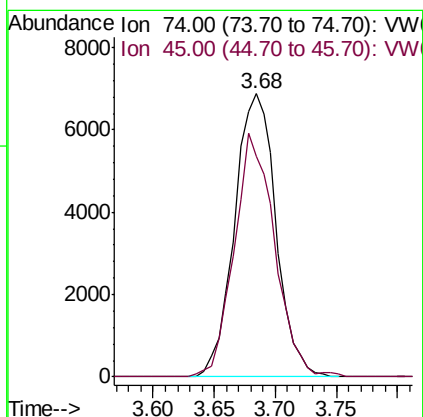
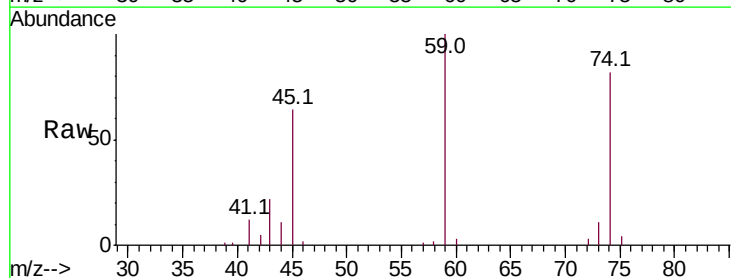
Tot Ion:101 Resp: 36983
 Ion Ratio Lower Upper
 101 100
 103 66.4 53.0 79.4

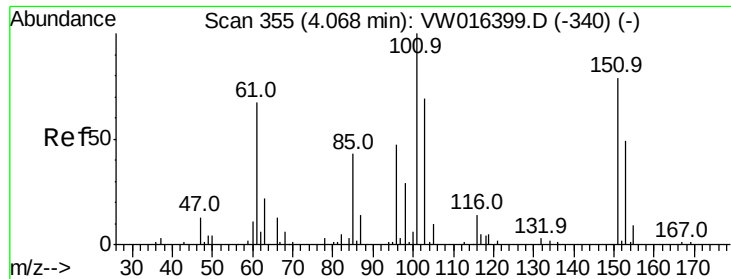


#8

Diethyl Ether
 Concen: 18.556 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Tgt Ion: 74 Resp: 16132
 Ion Ratio Lower Upper
 74 100
 45 84.0 42.0 126.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.377 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.01 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW0831SBS01

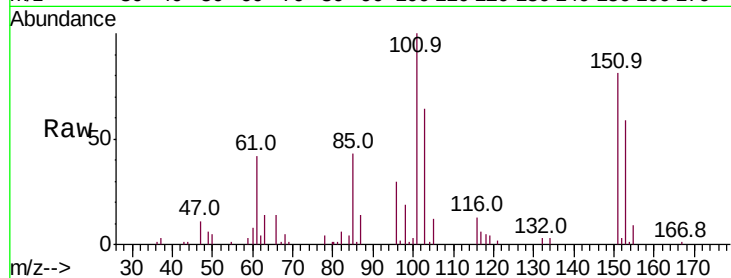
Tot Ion:101 Resp: 34353

Ion Ratio Lower Upper

101 100

85 43.8 34.2 51.2

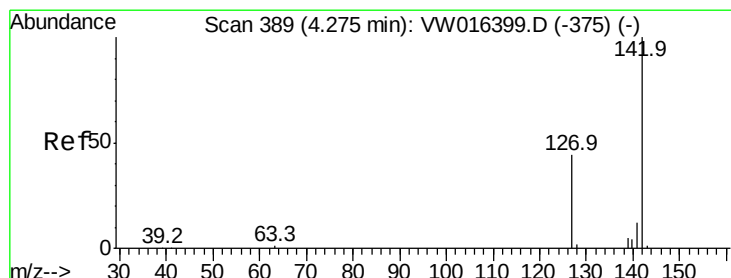
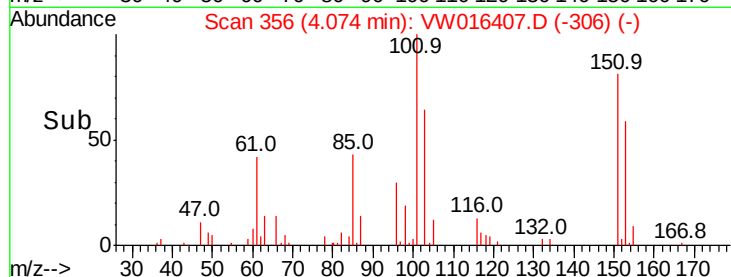
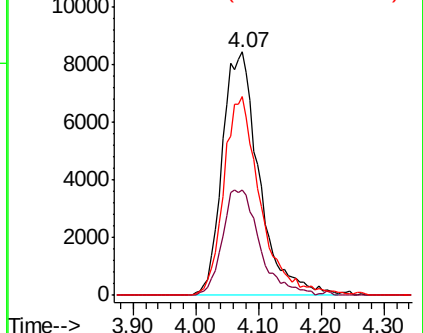
151 80.7 63.8 95.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.356 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

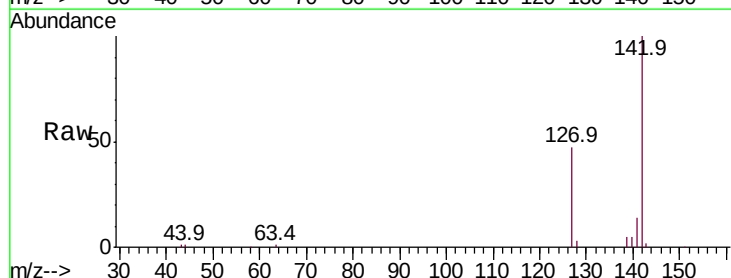
Tgt Ion:142 Resp: 52442

Ion Ratio Lower Upper

142 100

127 46.1 36.2 54.4

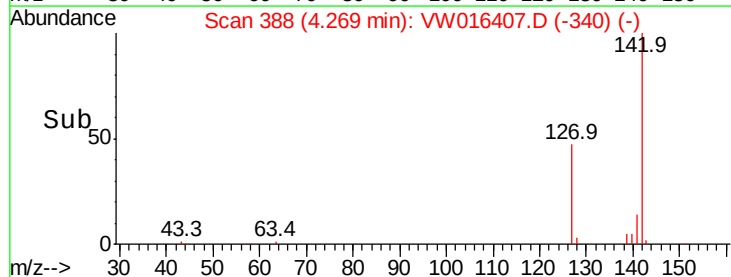
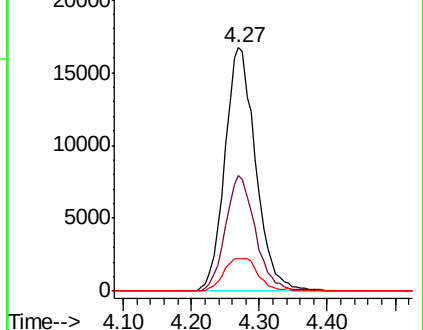
141 15.0 11.8 17.6

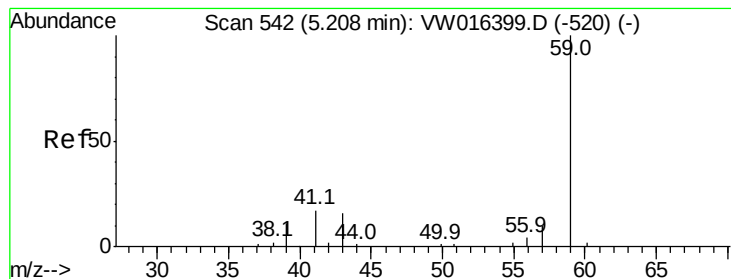


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



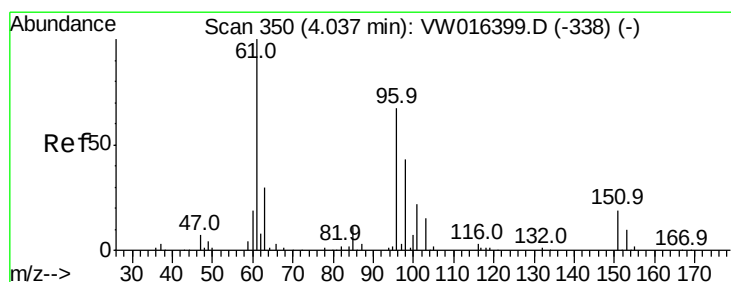
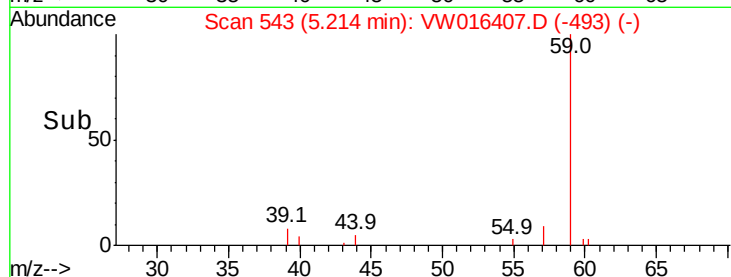
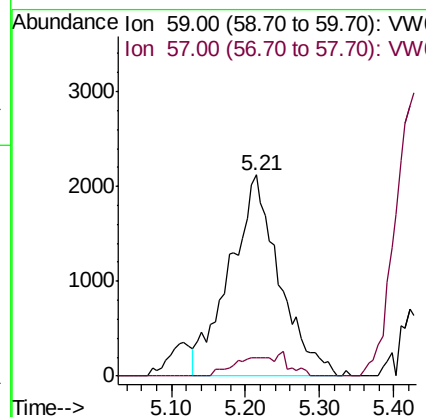
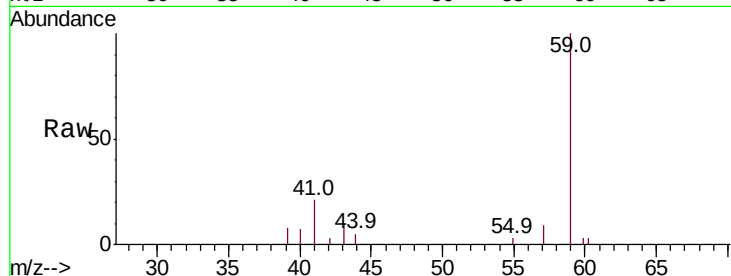


#11

Tert butyl alcohol
 Concen: 82.127 ug/l
 RT: 5.21 min Scan# 543
 Delta R.T. 0.01 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Instrument :
 MSVOA_W
 ClientSampled :
 VW0831SBS01

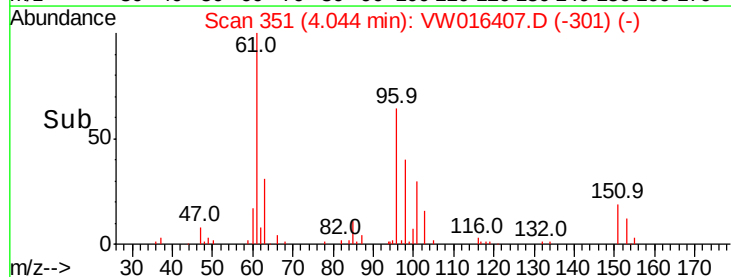
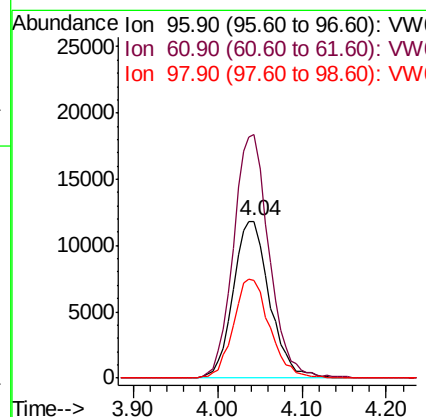
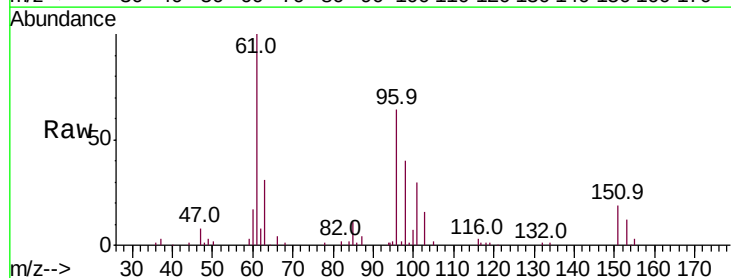
Tot Ion: 59 Resp: 9842
 Ion Ratio Lower Upper
 59 100
 57 4.8 8.2 12.4#

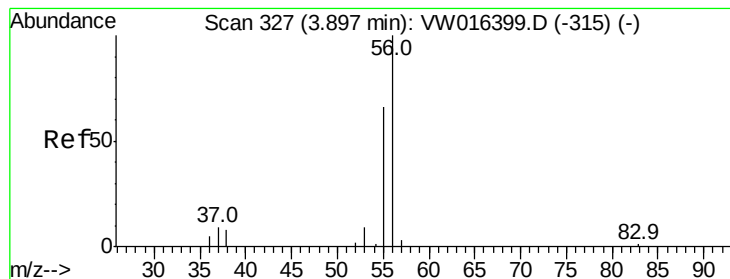


#12

1,1-Dichloroethene
 Concen: 20.122 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Tgt Ion: 96 Resp: 34616
 Ion Ratio Lower Upper
 96 100
 61 155.5 119.0 178.4
 98 62.2 50.6 76.0





#13

Acrolein

Concen: 94.731 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

ClientSampleId :

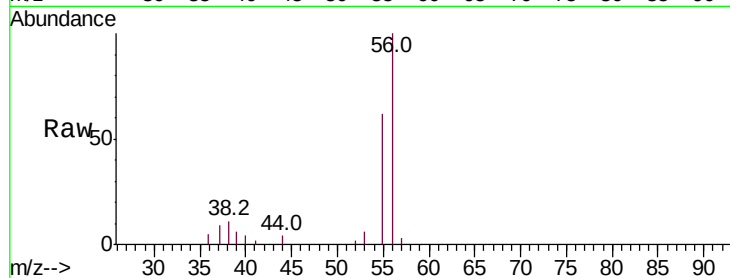
VW0831SBSD01

Tot Ion: 56 Resp: 7897

Ion Ratio Lower Upper

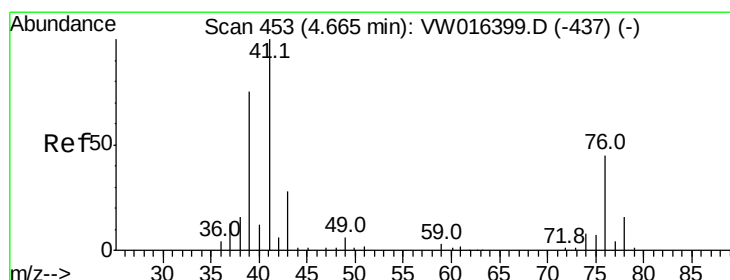
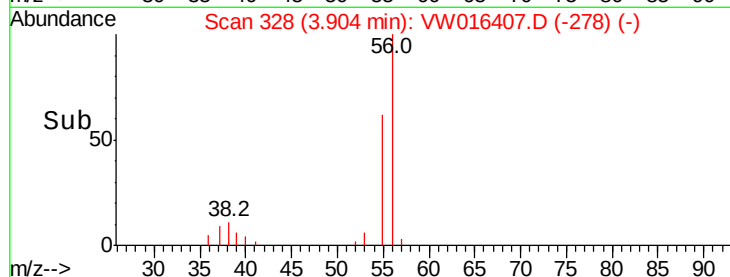
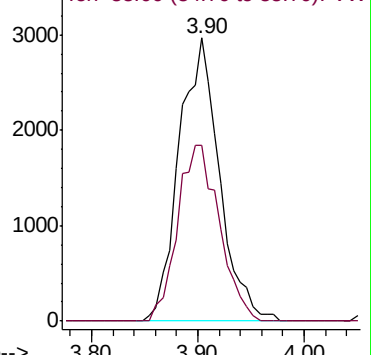
56 100

55 64.3 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 19.054 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

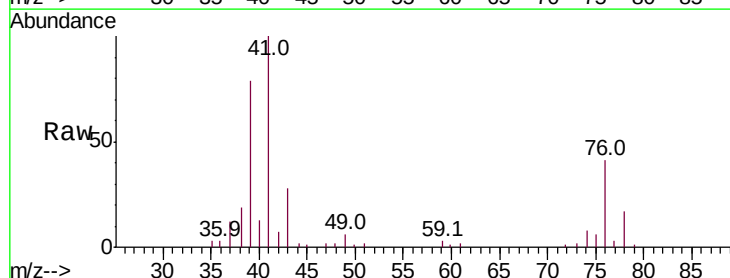
Tgt Ion: 41 Resp: 40973

Ion Ratio Lower Upper

41 100

39 78.3 60.2 90.2

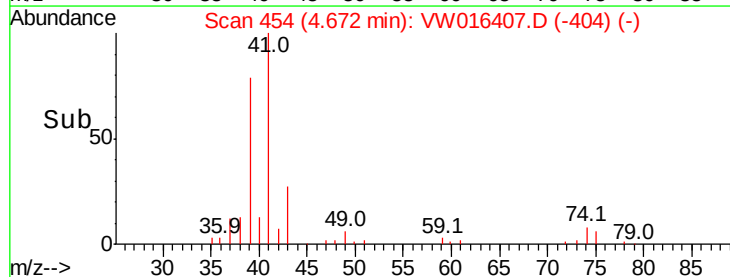
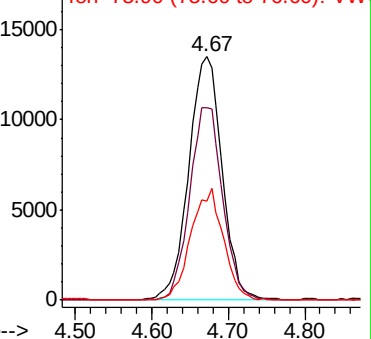
76 44.6 35.7 53.5

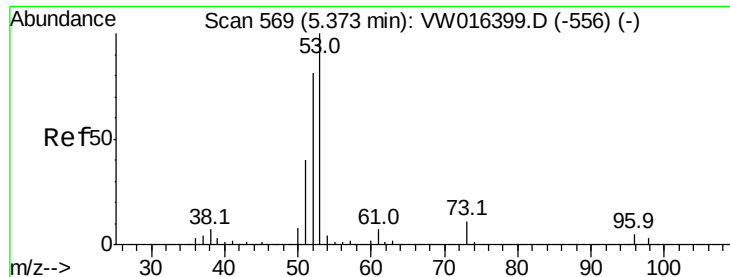


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 91.285 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW0831SBSD01

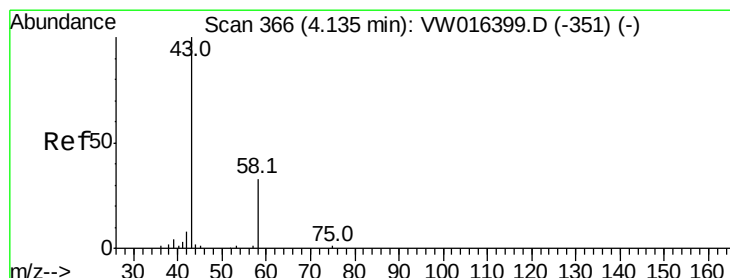
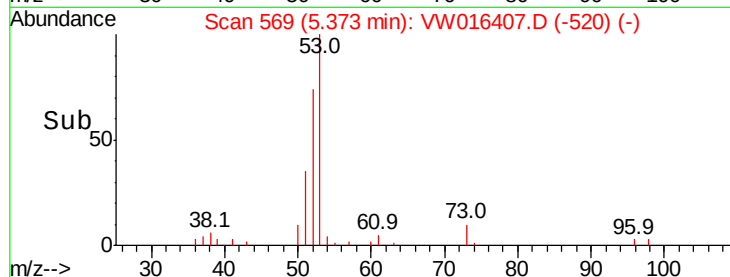
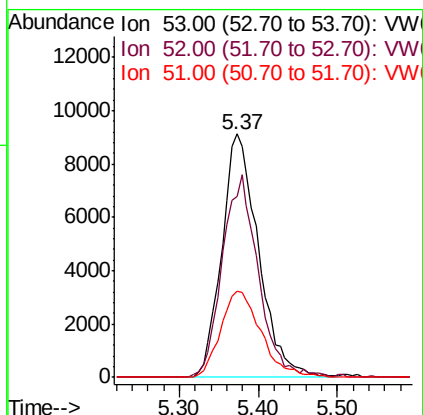
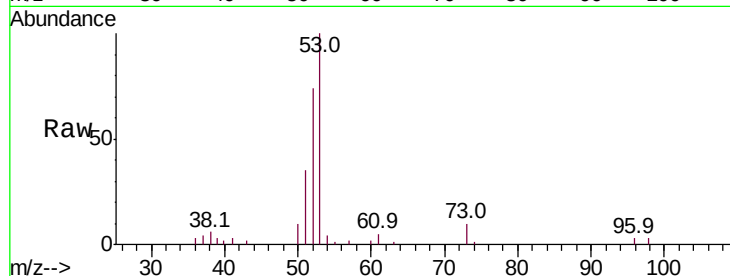
Tot Ion: 53 Resp: 29547

Ion Ratio Lower Upper

53 100

52 81.7 66.1 99.1

51 39.1 29.9 44.9



#16

Acetone

Concen: 90.288 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.00 min

Lab File: VW016407.D

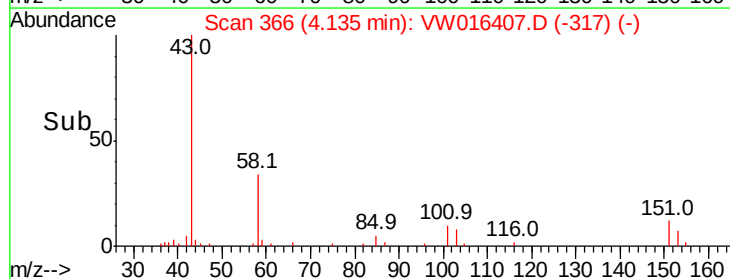
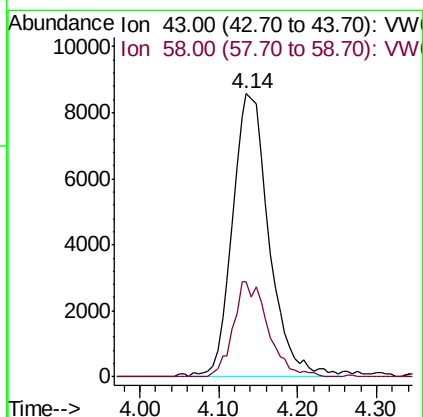
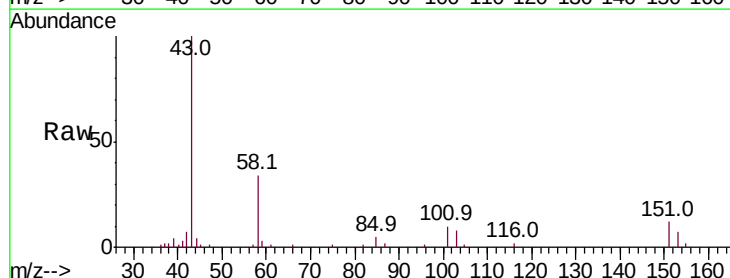
Acq: 31 Aug 2020 13:27

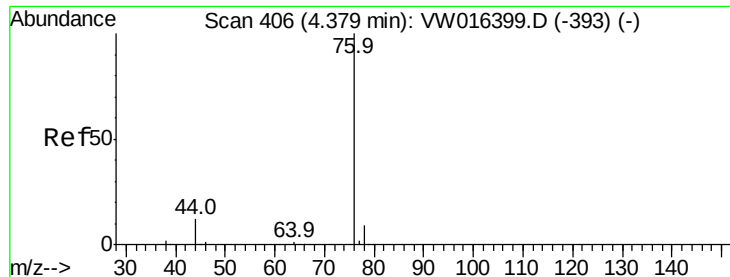
Tgt Ion: 43 Resp: 27744

Ion Ratio Lower Upper

43 100

58 33.8 26.6 39.8

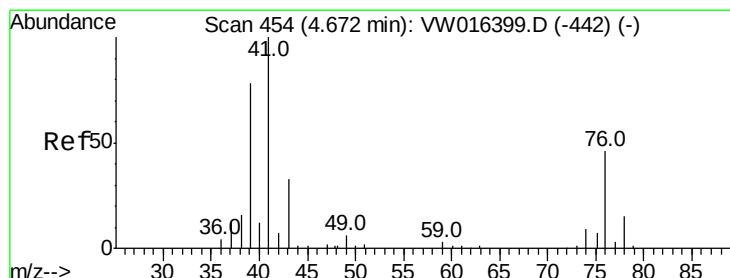
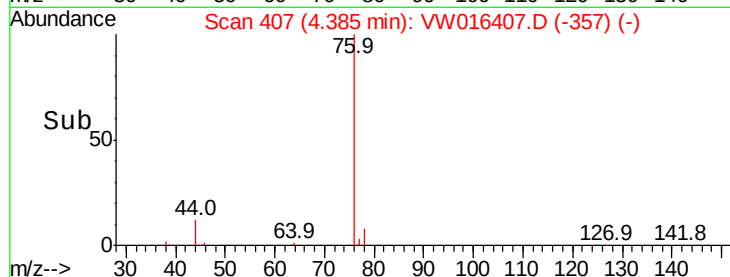
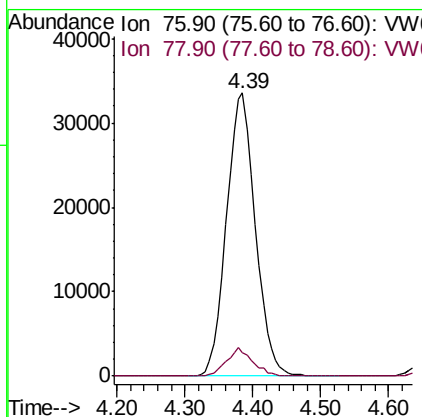
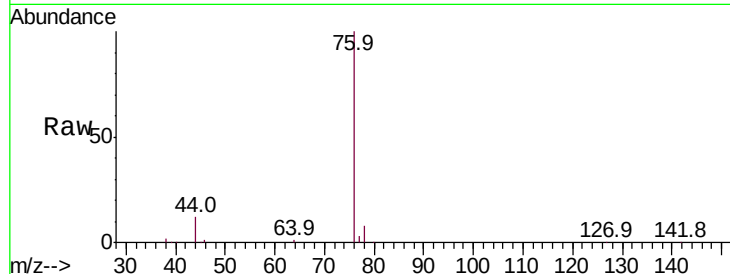




#17
Carbon Disulfide
Concen: 20.382 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.01 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

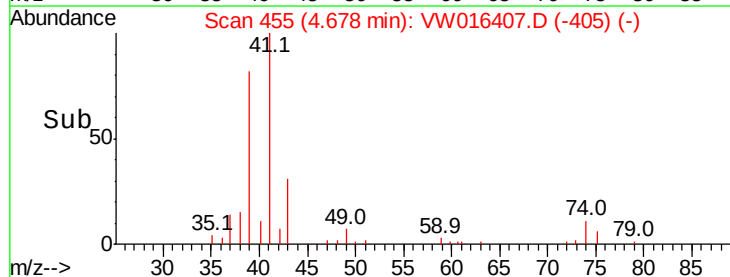
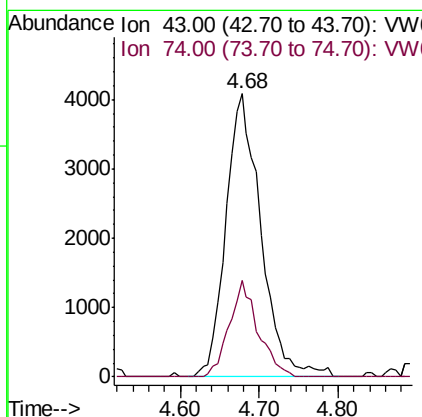
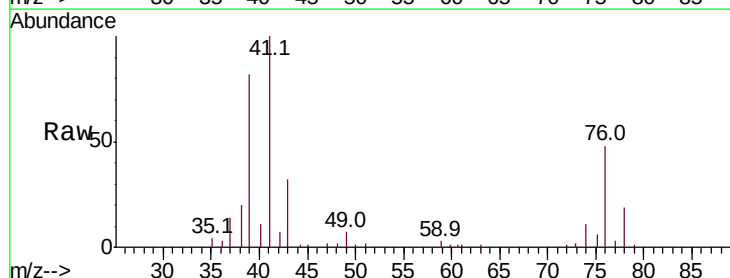
Instrument :
MSVOA_W
ClientSampleId :
VW0831SBSD01

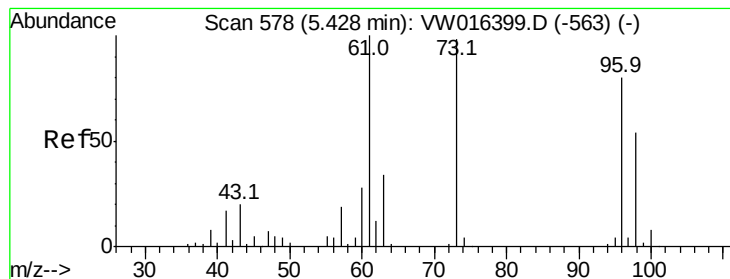
Tot Ion: 76 Resp: 98444
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.2



#18
Methyl Acetate
Concen: 17.984 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Tgt Ion: 43 Resp: 12601
Ion Ratio Lower Upper
43 100
74 28.0 23.2 34.8



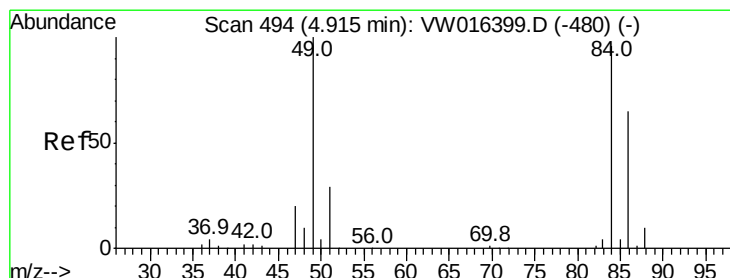
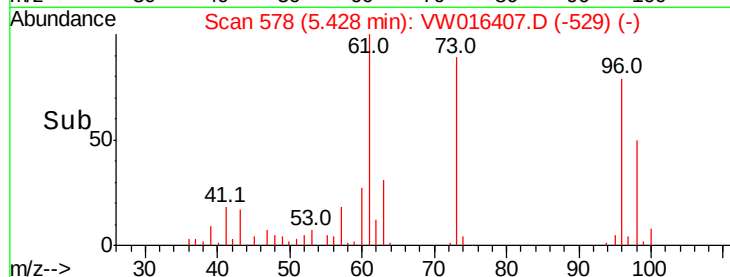
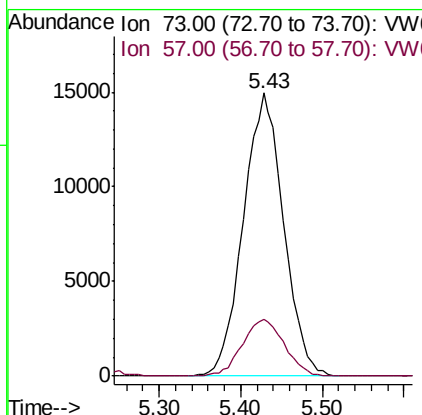
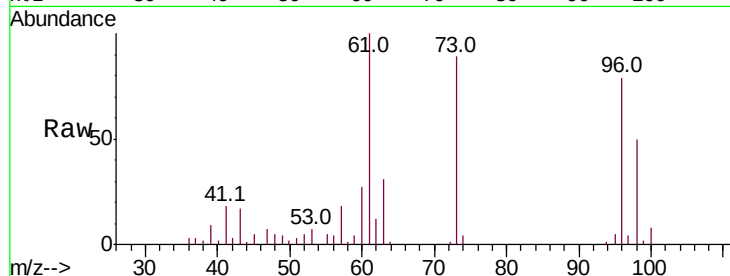


#19

Methyl tert-butyl Ether
 Concen: 19.436 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0831SBS01

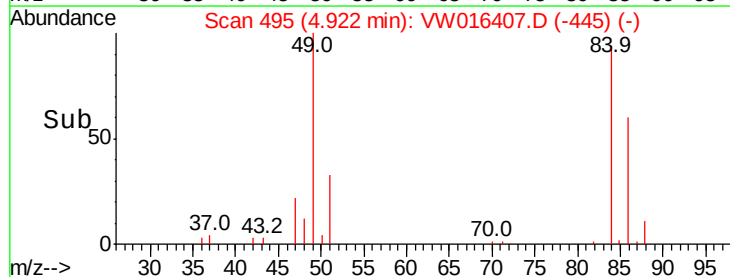
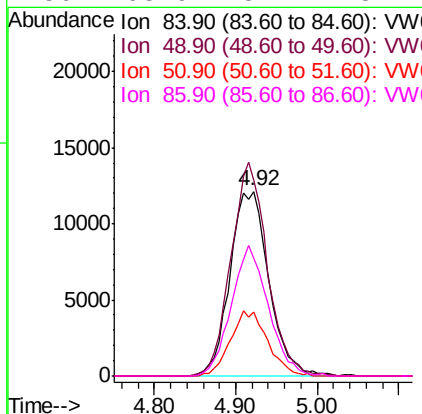
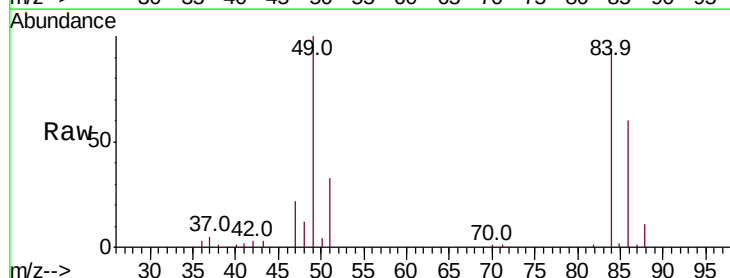
Tot Ion: 73 Resp: 51084
 Ion Ratio Lower Upper
 73 100
 57 20.0 15.0 22.6

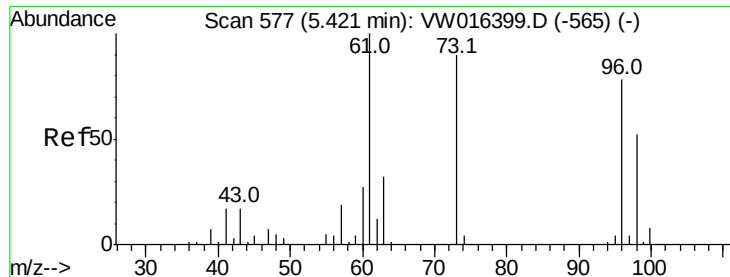


#20

Methylene Chloride
 Concen: 16.887 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. 0.01 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Tgt Ion: 84 Resp: 39997
 Ion Ratio Lower Upper
 84 100
 49 105.9 83.2 124.8
 51 34.6 24.4 36.6
 86 63.9 54.2 81.2





#21

trans-1,2-Dichloroethene

Concen: 20.290 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW0831SBS01

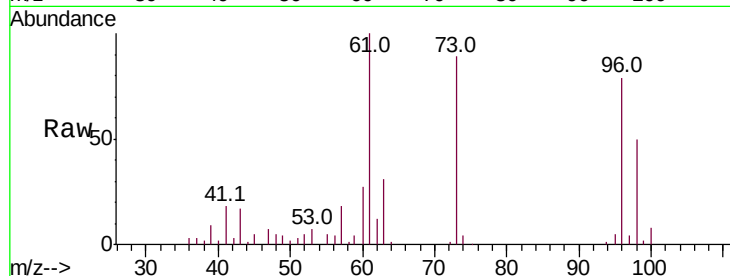
Tot Ion: 96 Resp: 39122

Ion Ratio Lower Upper

96 100

61 126.0 103.0 154.6

98 62.9 53.8 80.6

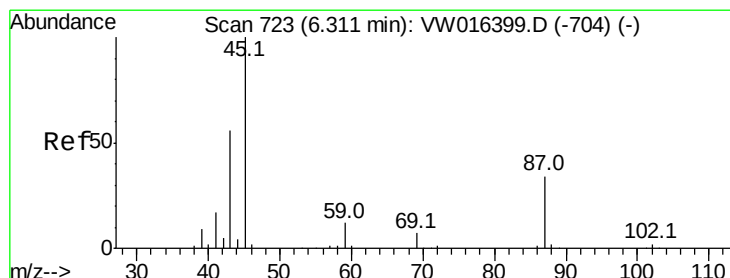
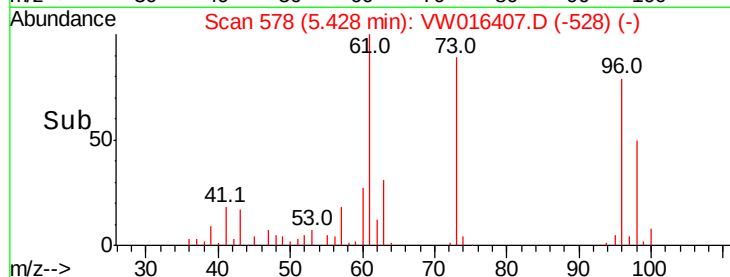
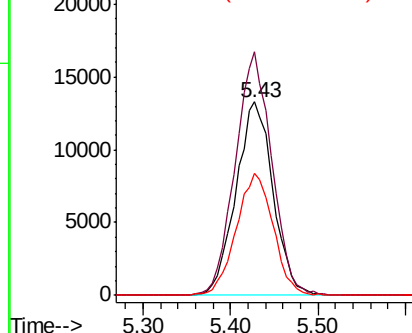


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 19.534 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Tgt Ion: 45 Resp: 83149

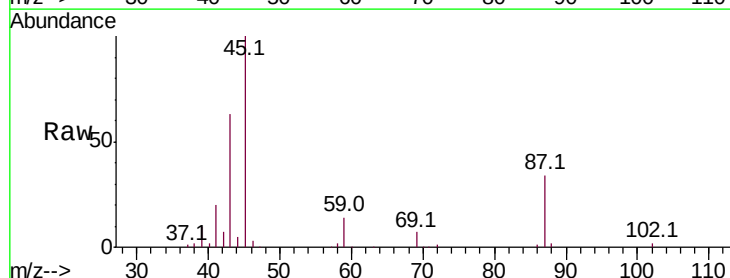
Ion Ratio Lower Upper

45 100

43 62.4 44.6 67.0

87 34.4 27.5 41.3

59 14.4 10.2 15.2



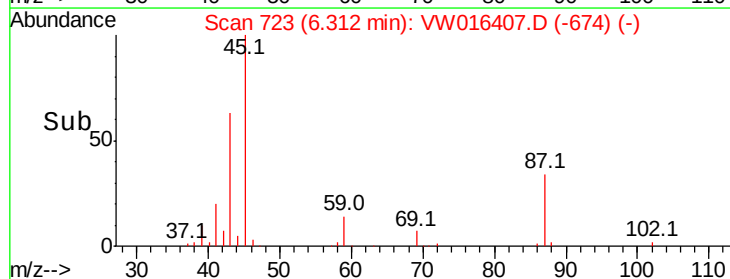
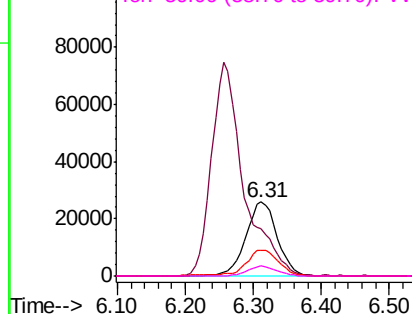
Abundance

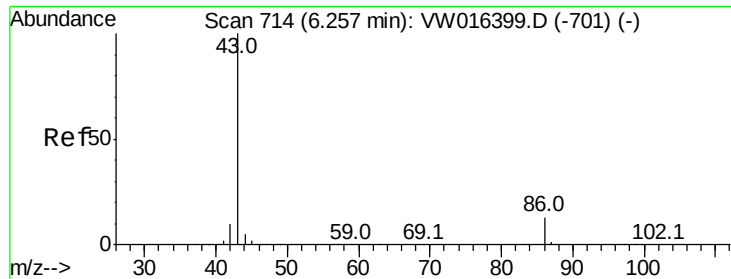
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 94.378 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

ClientSampleId :

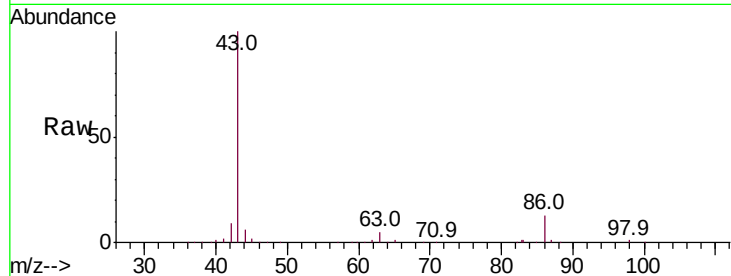
VW0831SBSD01

Tot Ion: 43 Resp: 246191

Ion Ratio Lower Upper

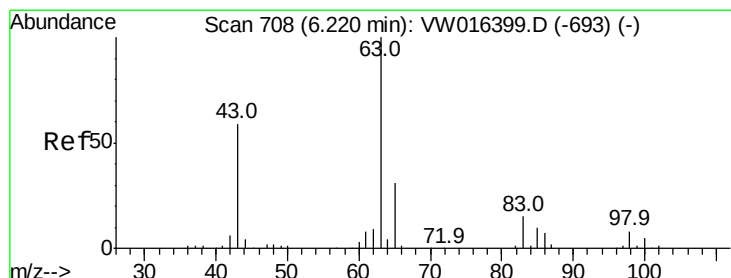
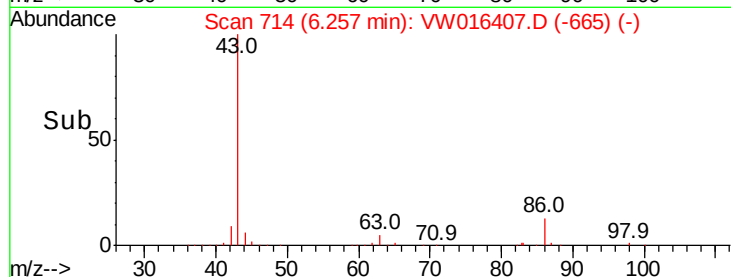
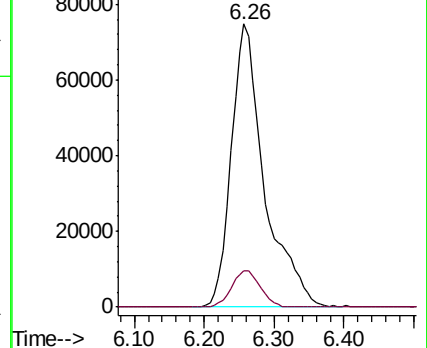
43 100

86 12.6 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 19.654 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

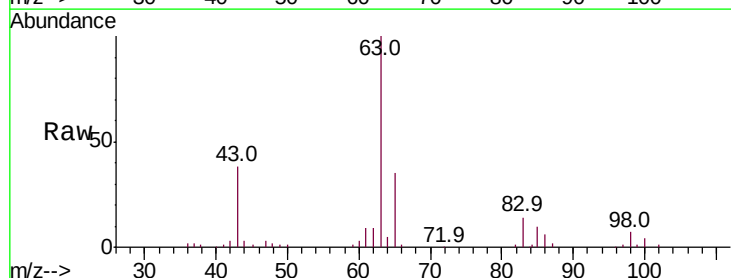
Tgt Ion: 63 Resp: 60315

Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.2

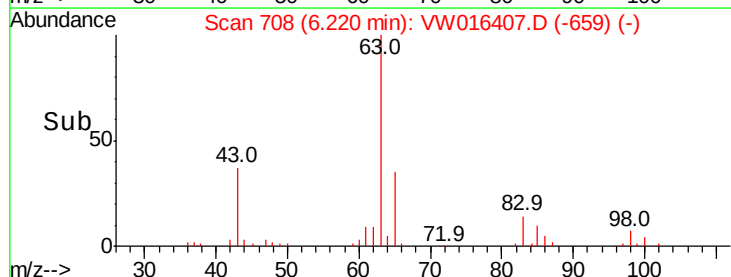
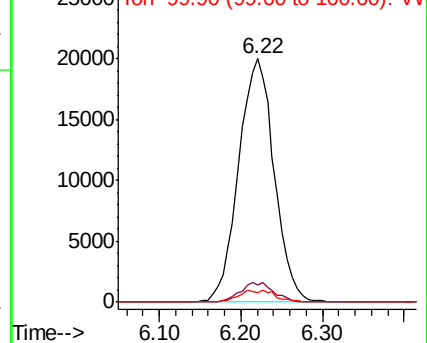
100 4.0 2.5 7.5

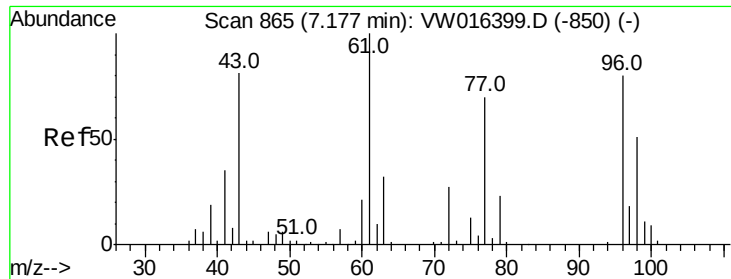


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 86.713 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

ClientSampleId :

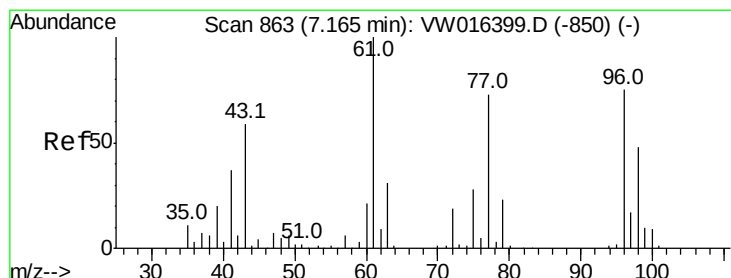
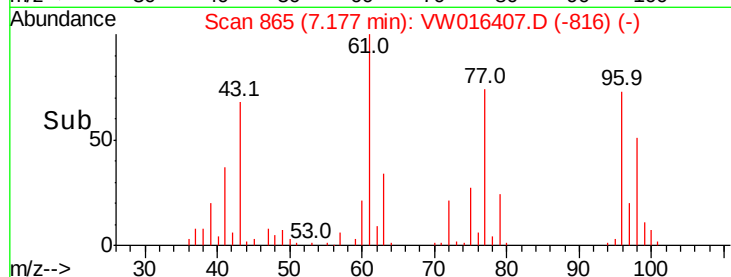
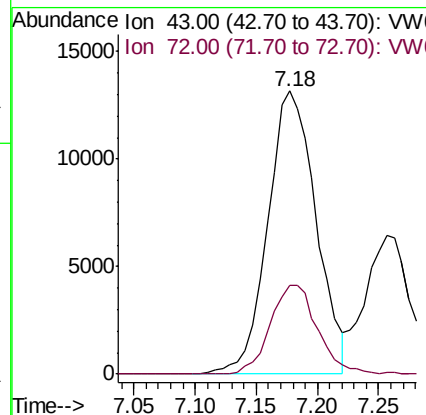
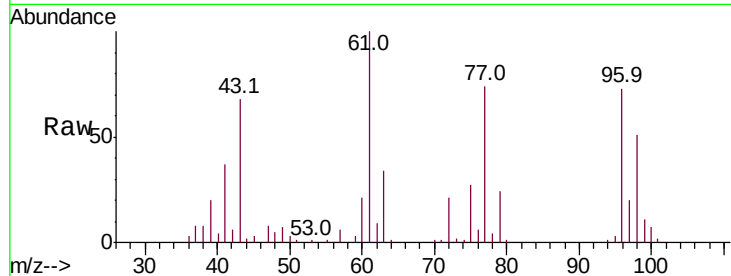
VW0831SBSD01

Tot Ion: 43 Resp: 36152

Ion Ratio Lower Upper

43 100

72 31.5 26.7 40.1



#26

2,2-Dichloropropane

Concen: 20.452 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW016407.D

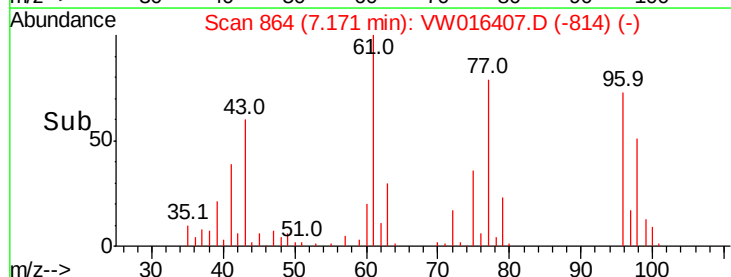
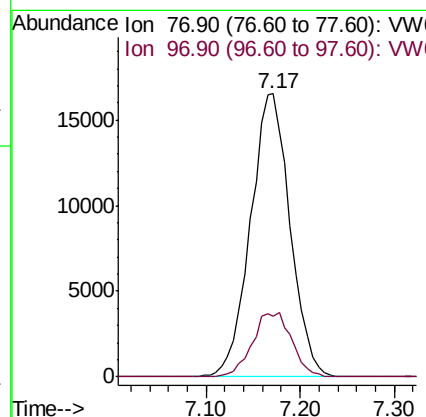
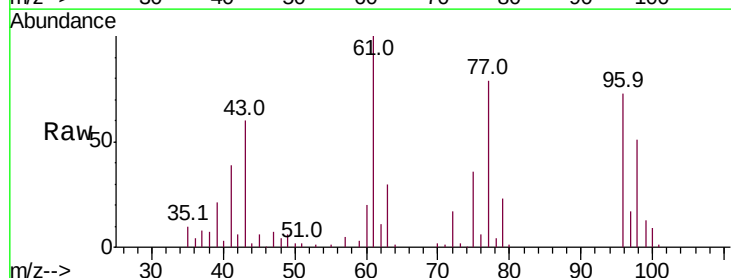
Acq: 31 Aug 2020 13:27

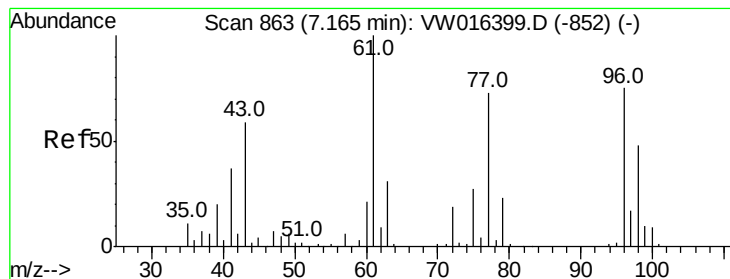
Tgt Ion: 77 Resp: 48476

Ion Ratio Lower Upper

77 100

97 22.5 11.7 35.0



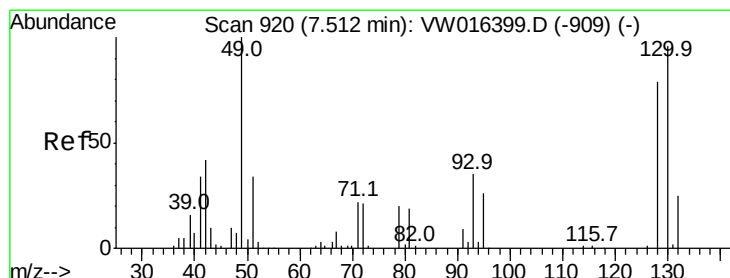
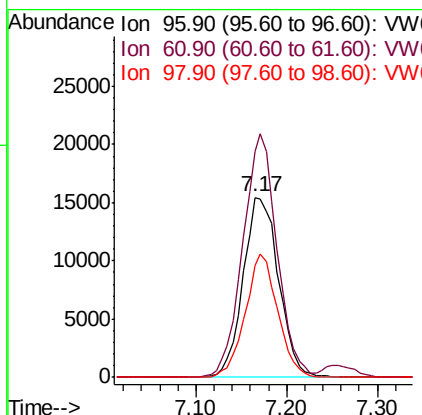
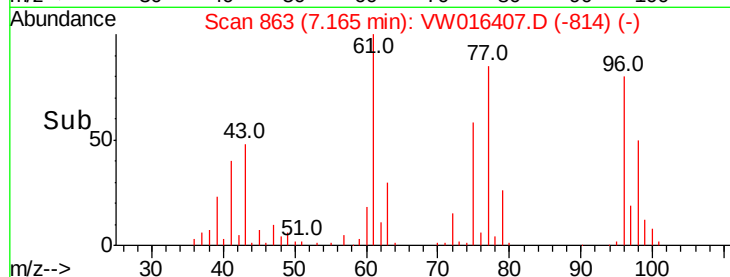
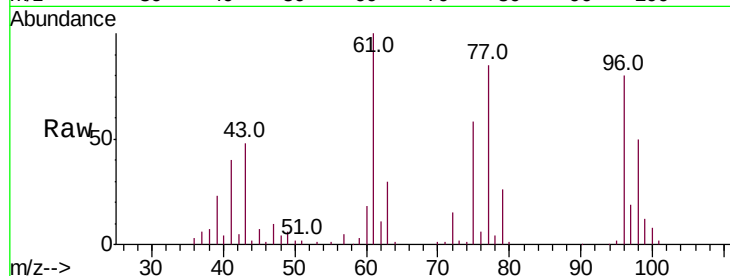


#27

cis-1,2-Dichloroethene
Concen: 20.035 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBSD01

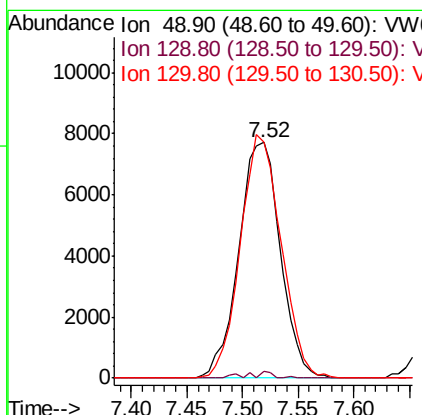
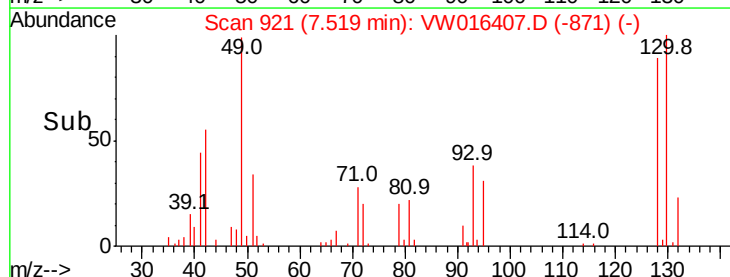
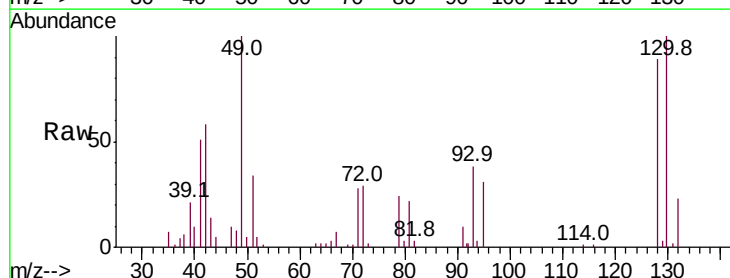
Tot Ion: 96 Resp: 41853
Ion Ratio Lower Upper
96 100
61 130.1 0.0 268.6
98 62.5 0.0 130.0

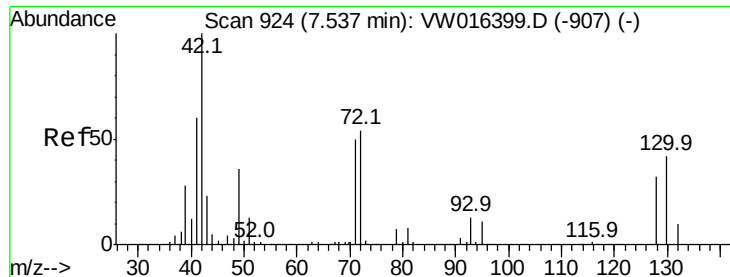


#28

Bromochloromethane
Concen: 18.005 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Tgt Ion: 49 Resp: 20071
Ion Ratio Lower Upper
49 100
129 1.0 0.0 1.8
130 101.1 80.8 121.2





#29

Tetrahydrofuran

Concen: 88.131 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW0831SBS01

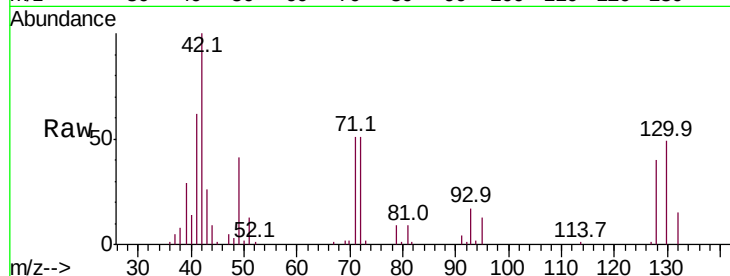
Tot Ion: 42 Resp: 21934

Ion Ratio Lower Upper

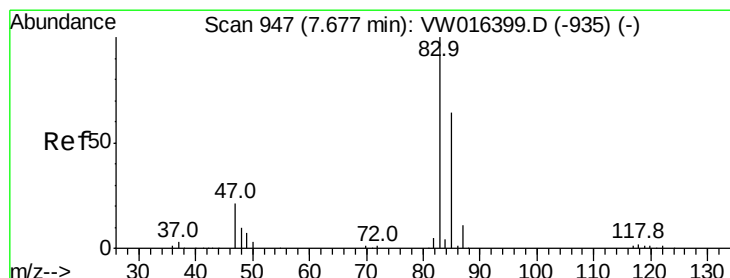
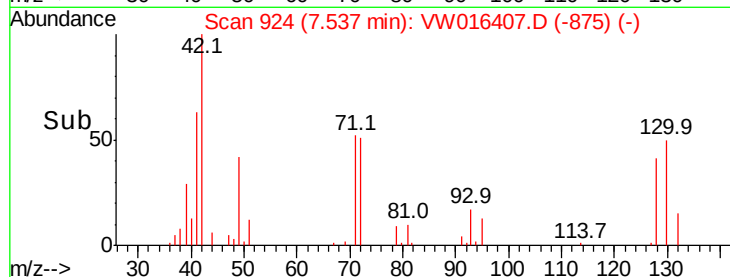
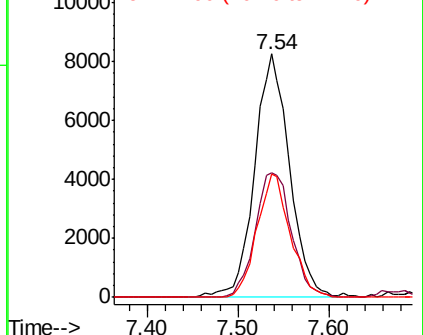
42 100

72 53.1 42.3 63.5

71 48.3 39.5 59.3



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: 19.815 ug/l

RT: 7.68 min Scan# 948

Delta R.T. 0.01 min

Lab File: VW016407.D

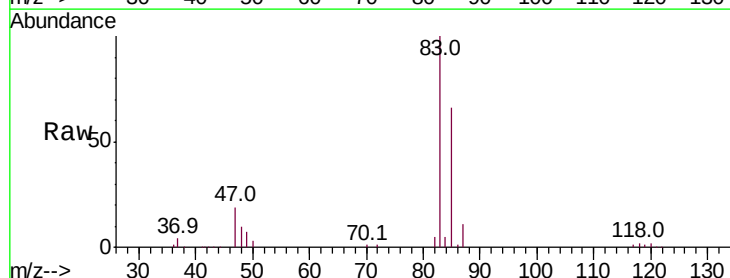
Acq: 31 Aug 2020 13:27

Tgt Ion: 83 Resp: 67548

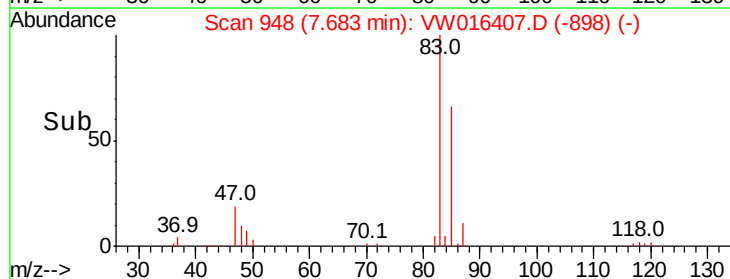
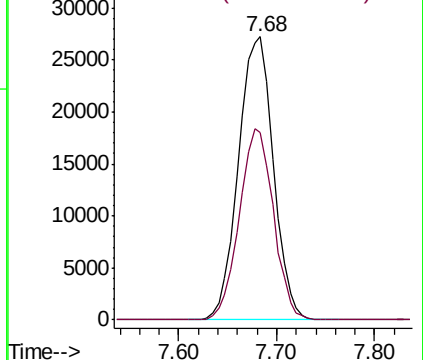
Ion Ratio Lower Upper

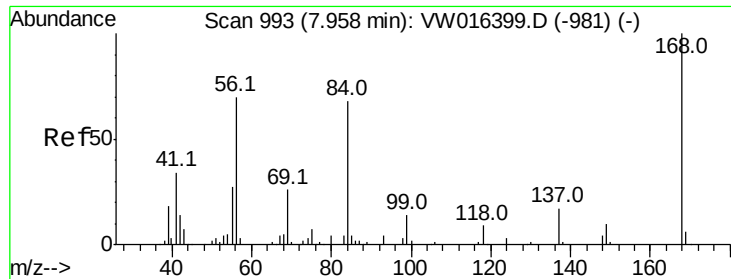
83 100

85 66.0 51.6 77.4



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

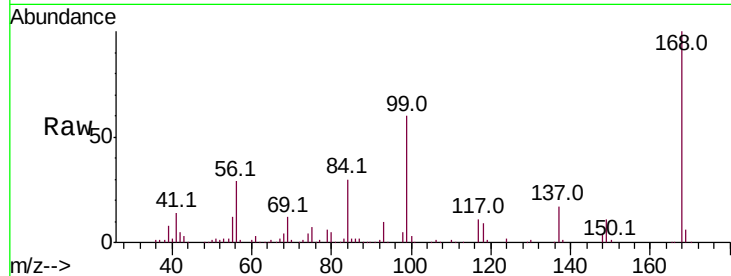




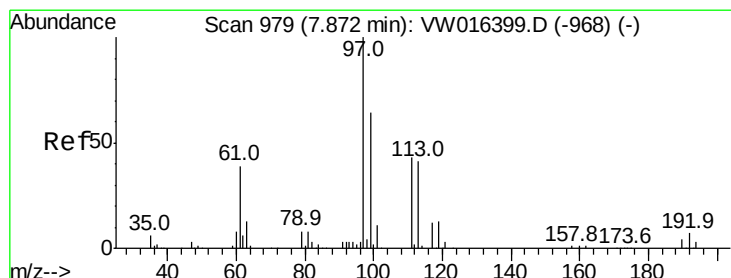
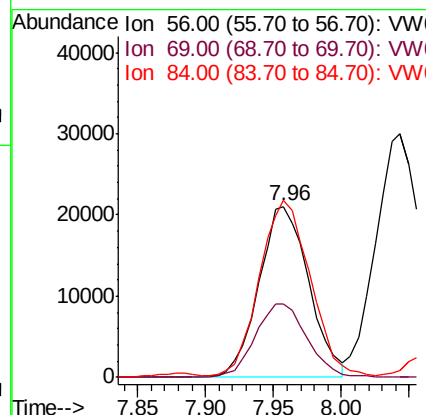
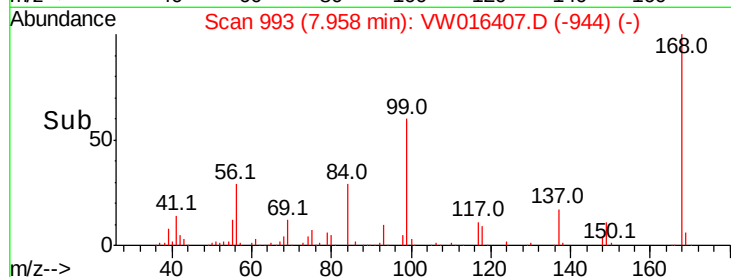
#31
Cyclohexane
Concen: 19.207 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

Tot Ion: 56 Resp: 54022
Ion Ratio Lower Upper
56 100
69 42.6 30.0 45.0
84 102.4 77.4 116.2

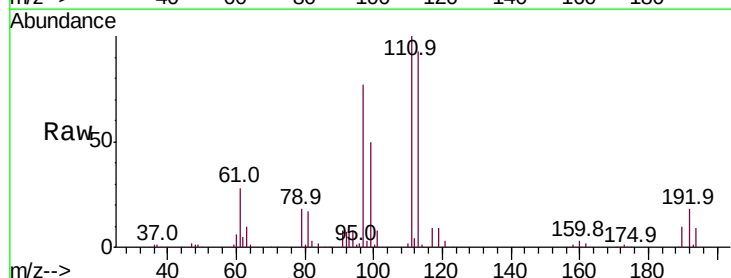


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

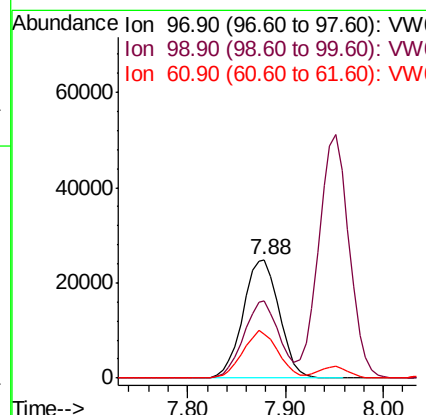
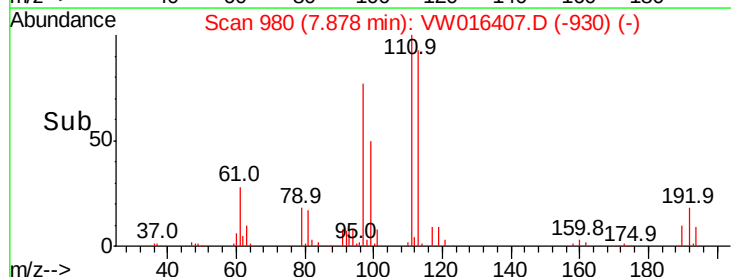


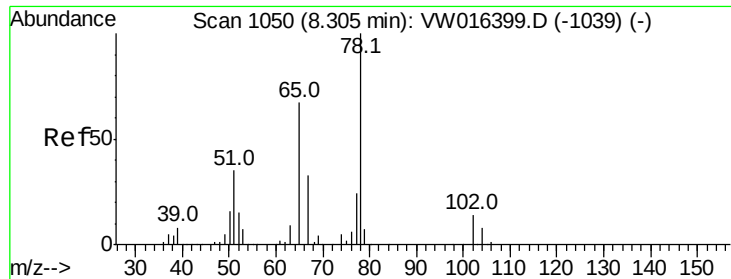
#32
1,1,1-Trichloroethane
Concen: 20.866 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Tgt Ion: 97 Resp: 64060
Ion Ratio Lower Upper
97 100
99 63.3 52.0 78.0
61 39.1 31.0 46.6



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

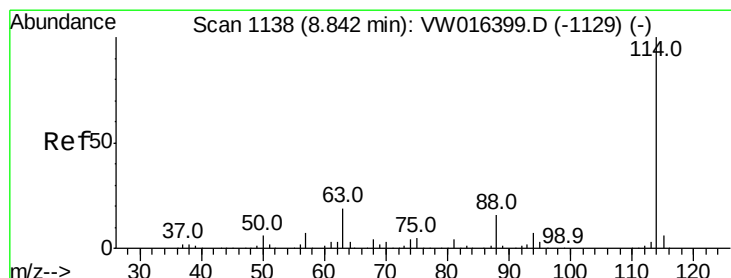
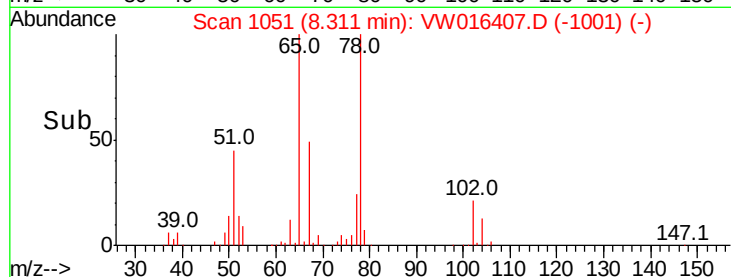
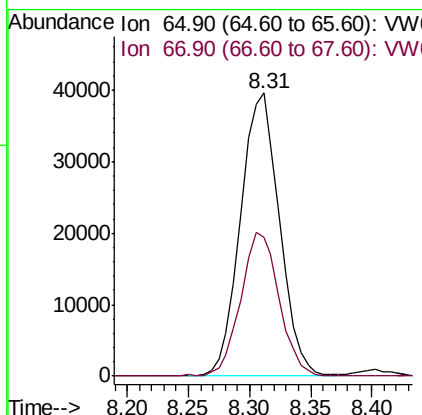
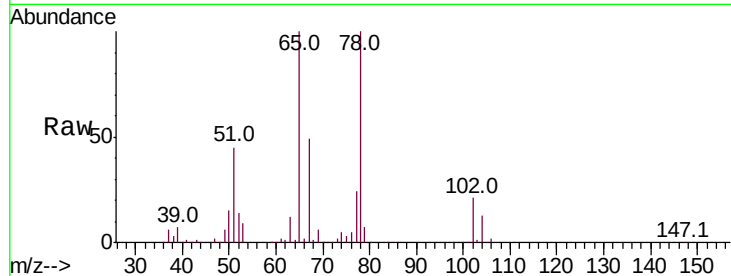




#33
 1,2-Dichloroethane-d4
 Concen: 48.438 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

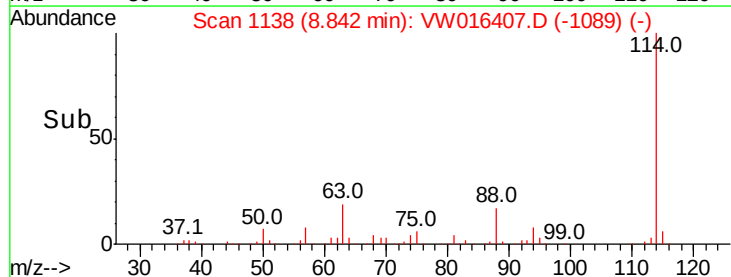
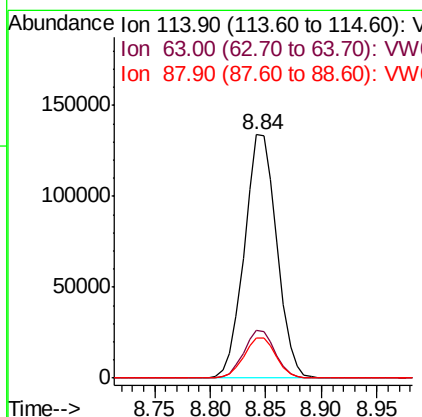
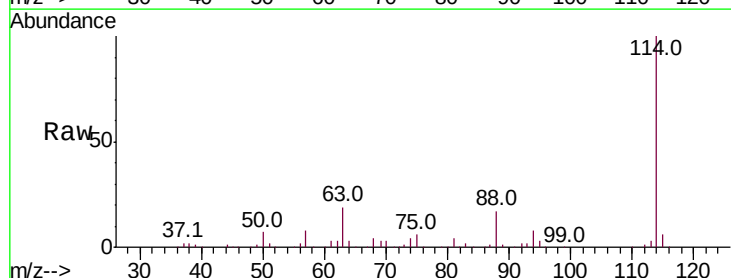
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0831SBSD01

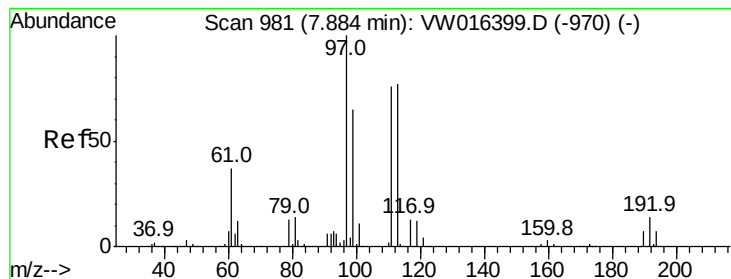
Tot Ion: 65 Resp: 87650
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Tgt Ion: 114 Resp: 271988
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 37.8
 88 16.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.641 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW0831SBS01

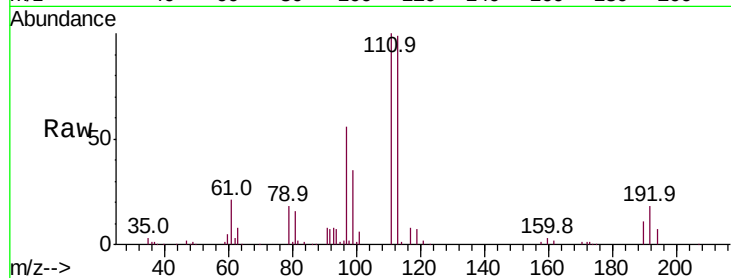
Tot Ion:113 Resp: 85462

Ion Ratio Lower Upper

113 100

111 102.8 82.1 123.1

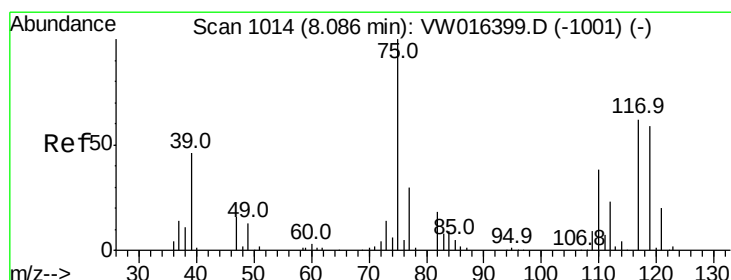
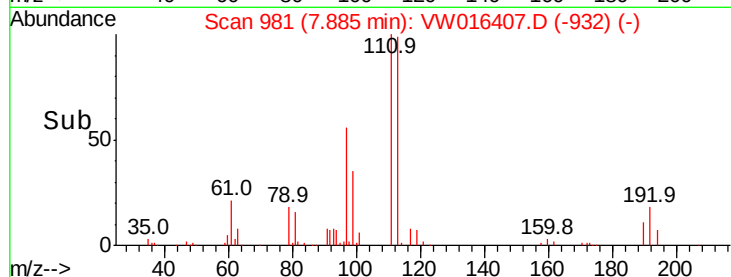
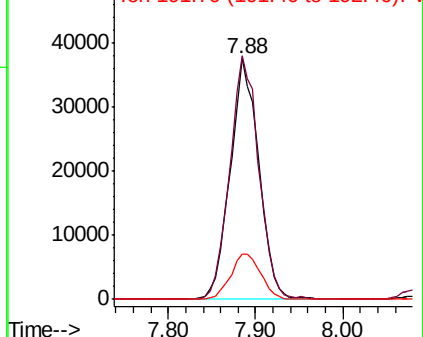
192 19.8 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.787 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

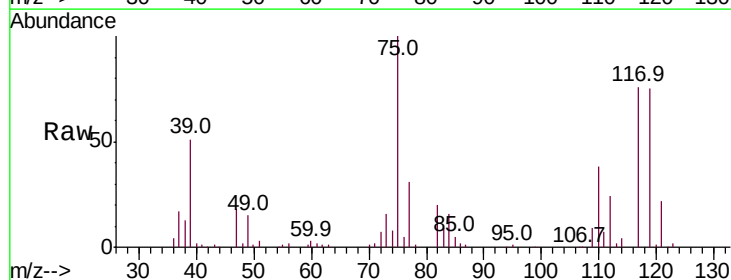
Tgt Ion: 75 Resp: 53805

Ion Ratio Lower Upper

75 100

110 37.6 18.6 56.0

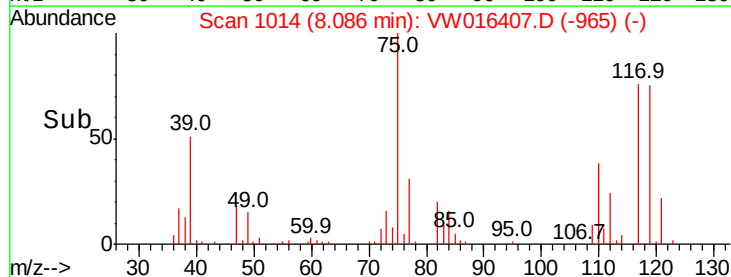
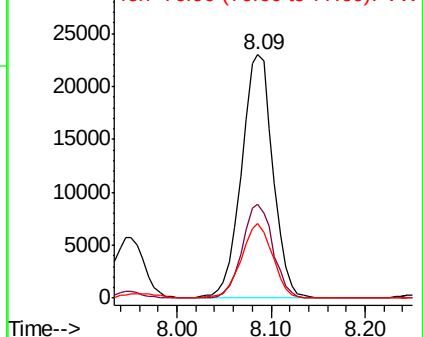
77 30.3 25.1 37.7

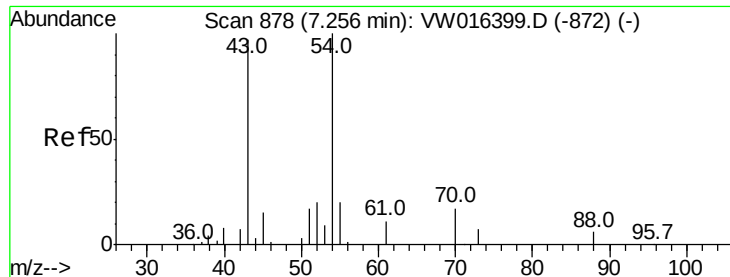


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

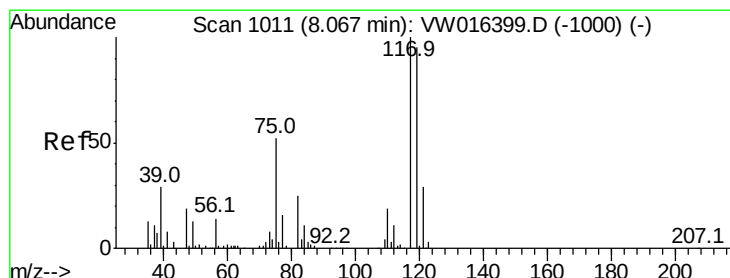
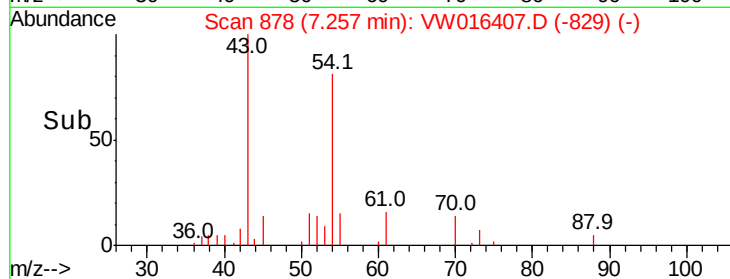
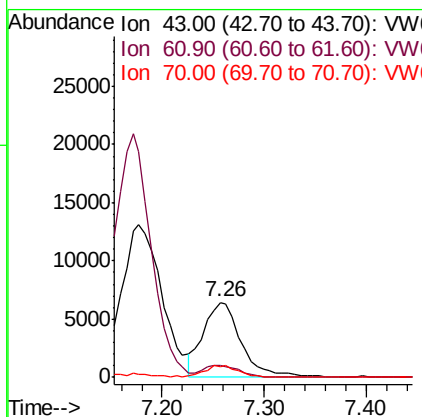
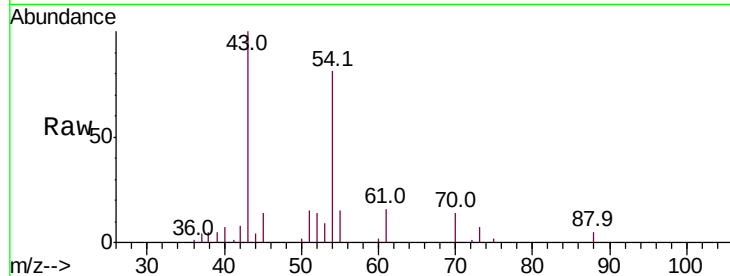




#37
Ethyl Acetate
Concen: 19.196 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

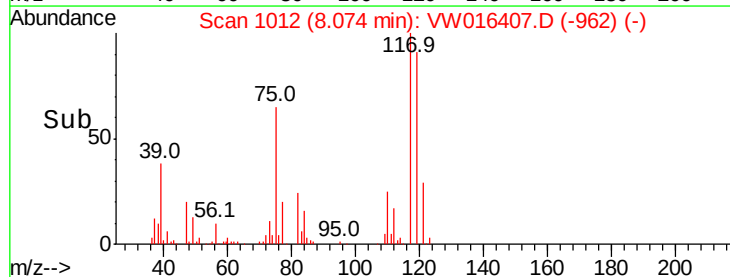
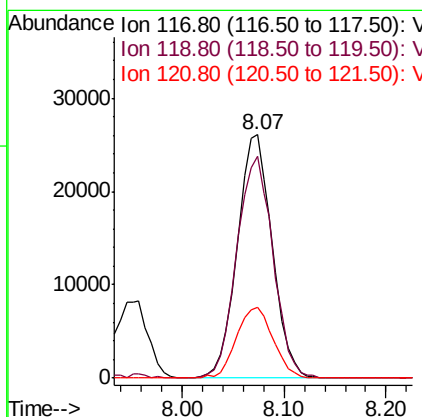
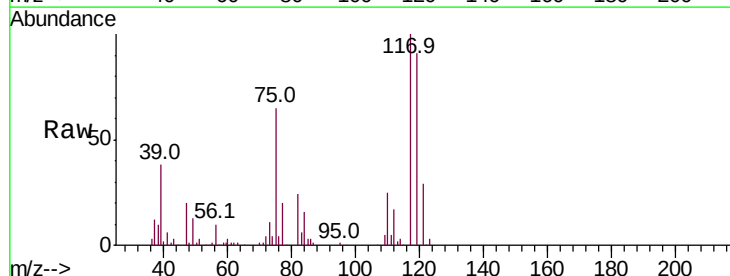
Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

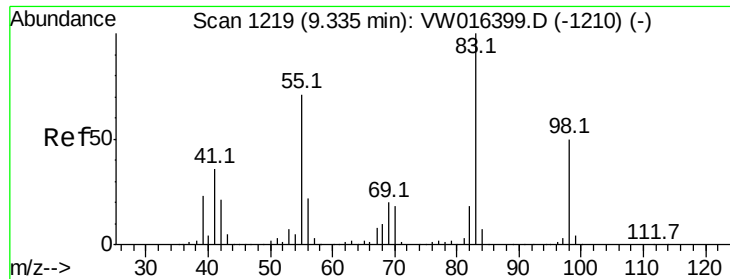
Tot Ion: 43 Resp: 16833
Ion Ratio Lower Upper
43 100
61 15.1 11.5 17.3
70 14.0 10.7 16.1



#38
Carbon Tetrachloride
Concen: 21.831 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Tgt Ion: 117 Resp: 61921
Ion Ratio Lower Upper
117 100
119 91.1 76.3 114.5
121 29.1 23.0 34.6

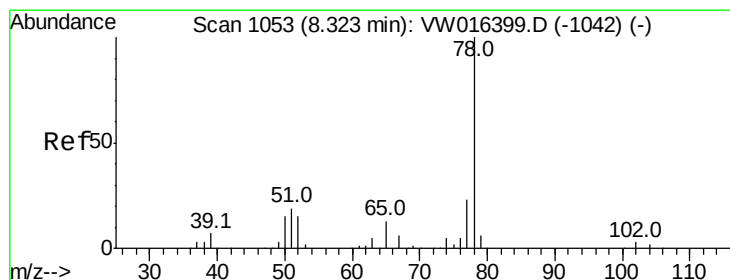
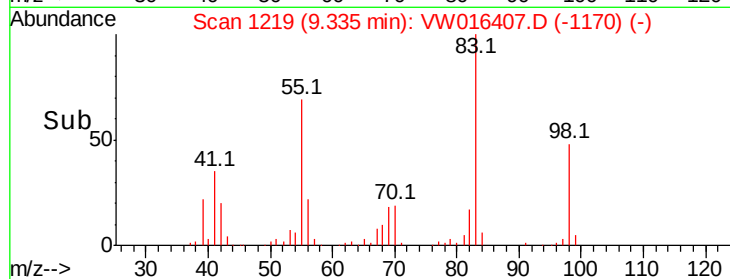
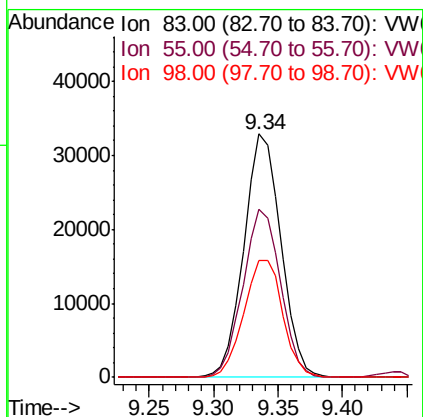
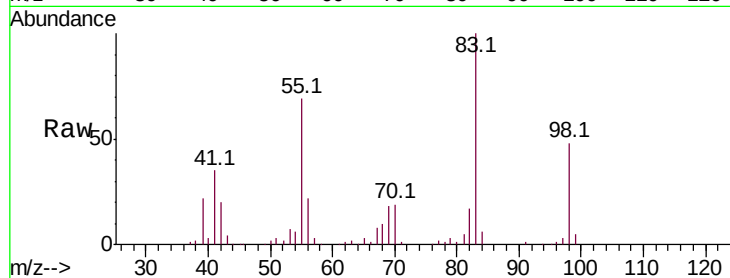




#39
Methylvlcyclohexane
Concen: 20.915 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

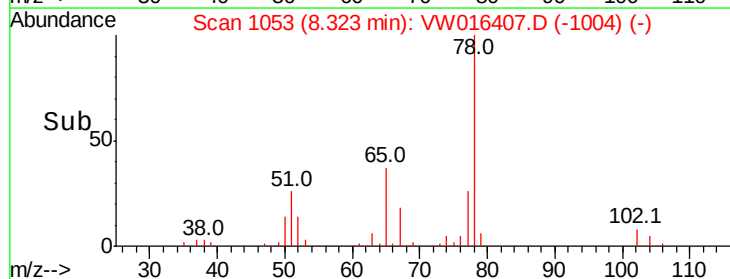
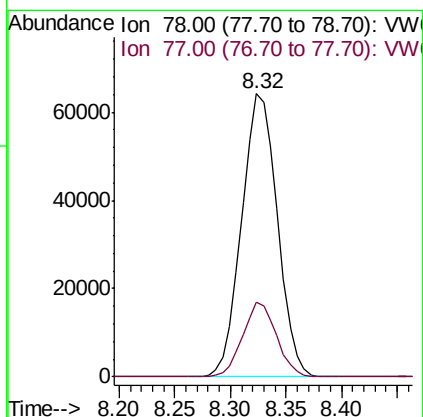
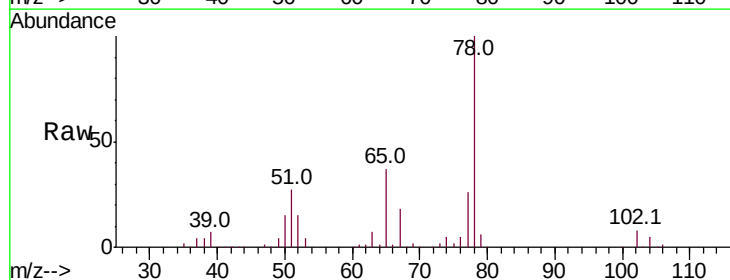
Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

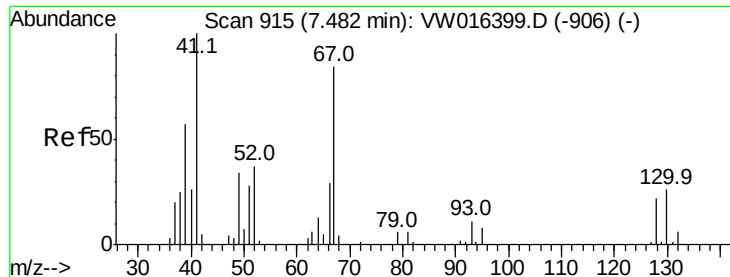
Tot Ion: 83 Resp: 65551
Ion Ratio Lower Upper
83 100
55 69.3 57.0 85.6
98 48.1 39.9 59.9



#40
Benzene
Concen: 20.731 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Tgt Ion: 78 Resp: 143660
Ion Ratio Lower Upper
78 100
77 26.2 18.6 27.8





#41

Methacrylonitrile

Concen: 19.739 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW0831SBSD01

Tot Ion: 41 Resp: 9966

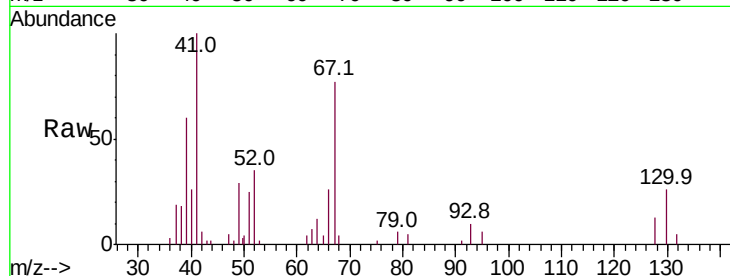
Ion Ratio Lower Upper

41 100

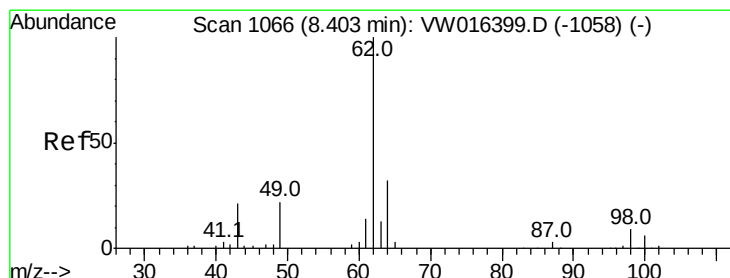
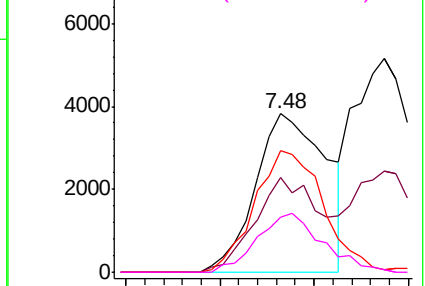
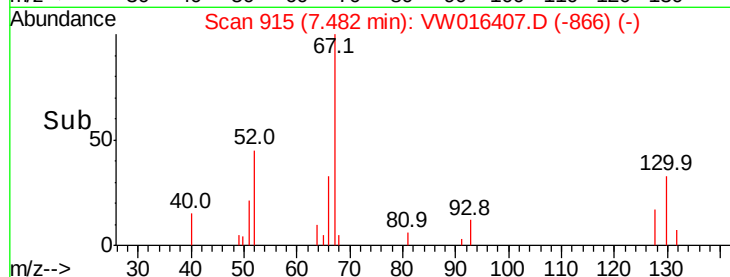
39 51.7 45.4 68.2

67 75.1 65.8 98.6

52 34.3 27.8 41.8



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 20.456 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW016407.D

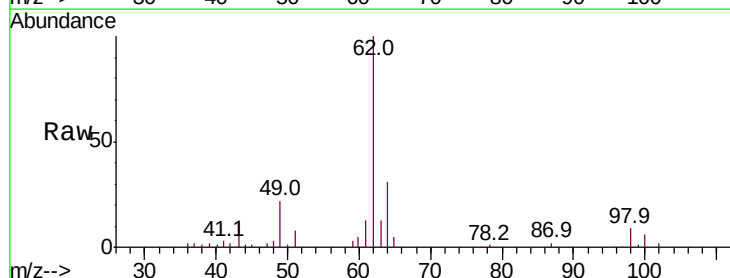
Acq: 31 Aug 2020 13:27

Tgt Ion: 62 Resp: 43240

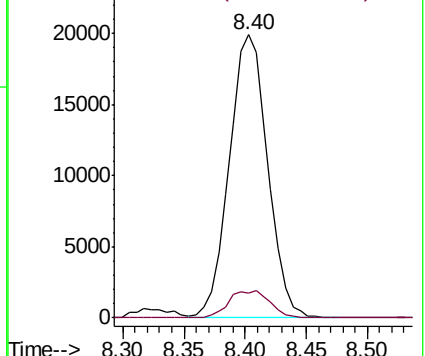
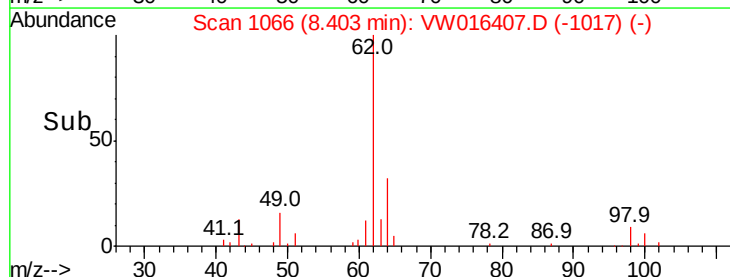
Ion Ratio Lower Upper

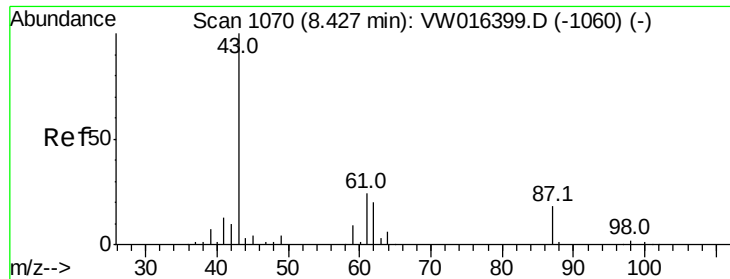
62 100

98 10.2 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 18.438 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW0831SBS01

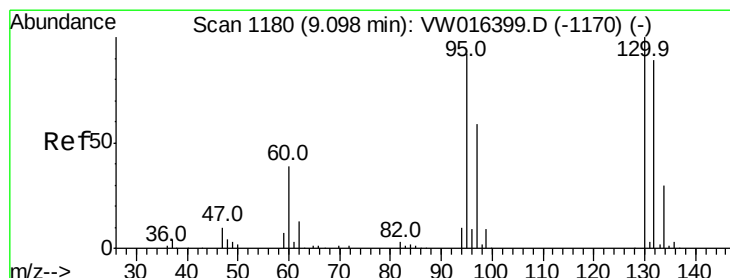
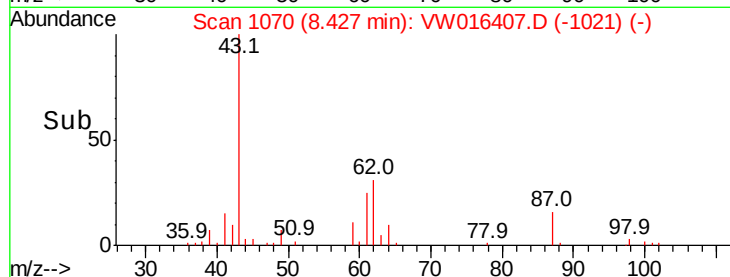
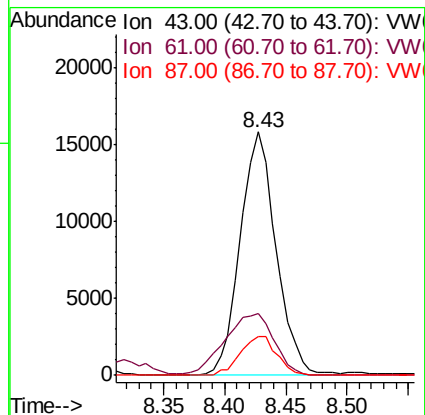
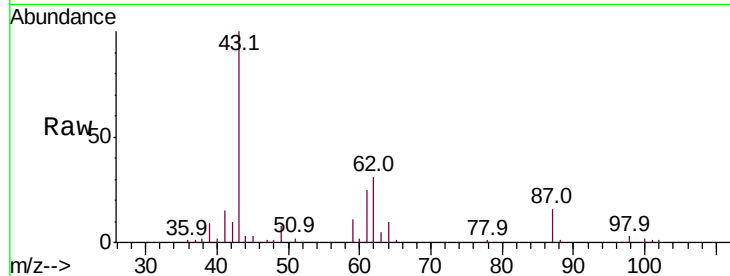
Tot Ion: 43 Resp: 32265

Ion	Ratio	Lower	Upper
43	100		
61	35.0	27.5	41.3
87	16.4	13.5	20.3

43 100

61 35.0 27.5 41.3

87 16.4 13.5 20.3



#44

Trichloroethene

Concen: 20.508 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW016407.D

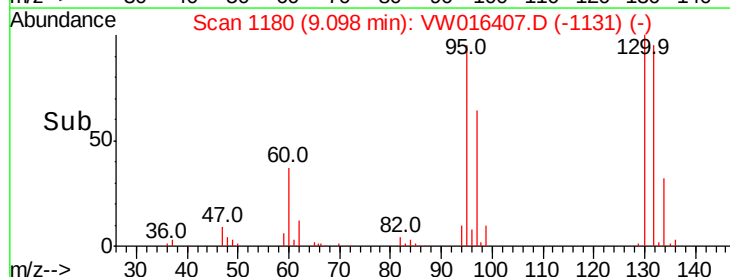
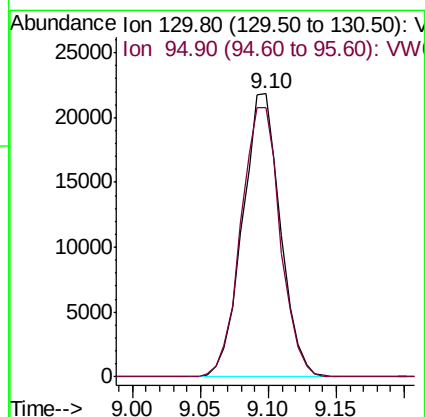
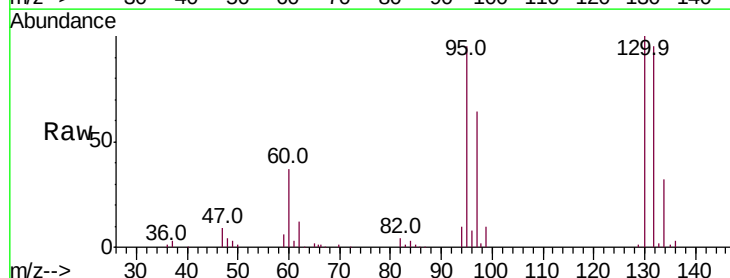
Acq: 31 Aug 2020 13:27

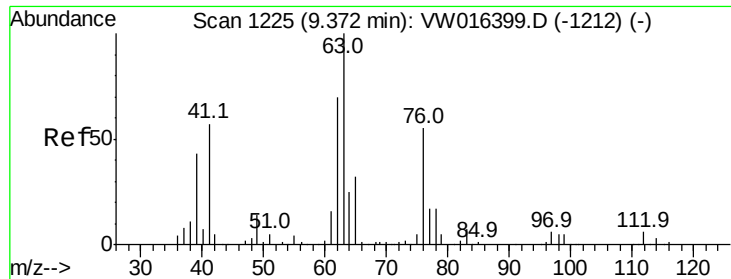
Tgt Ion: 130 Resp: 42523

Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	183.4

130 100

95 95.3 0.0 183.4

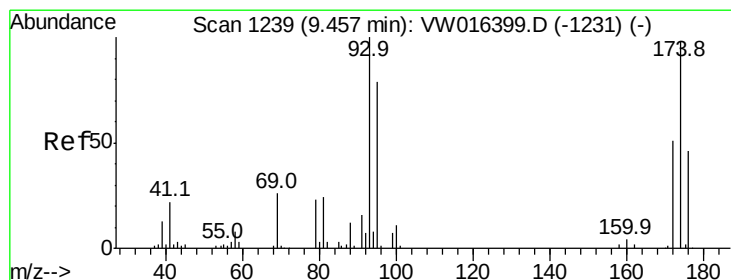
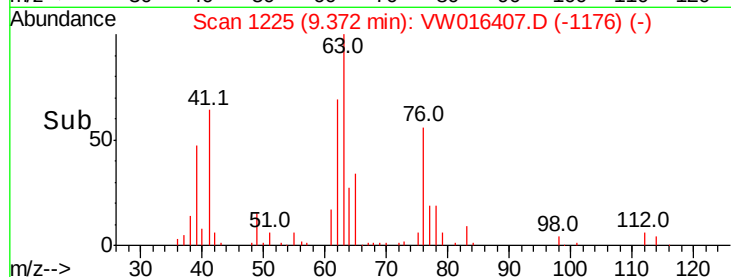
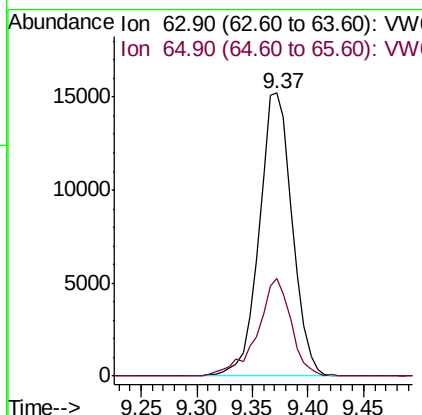
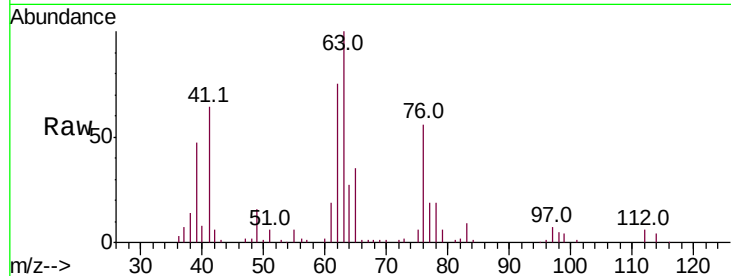




#45
 1,2-Dichloropropane
 Concen: 19.587 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

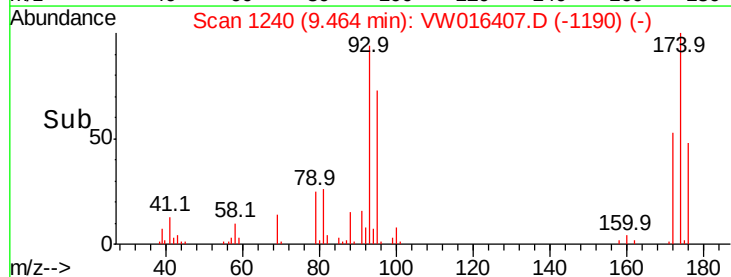
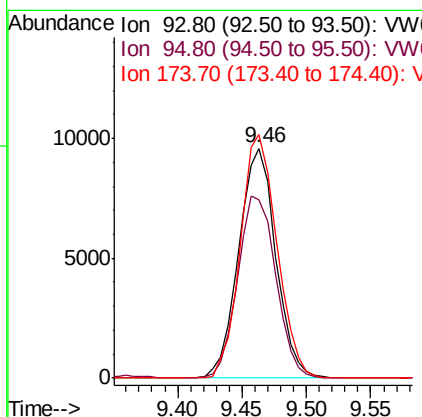
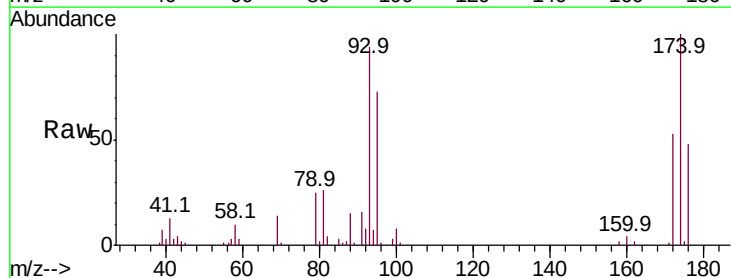
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0831SBS01

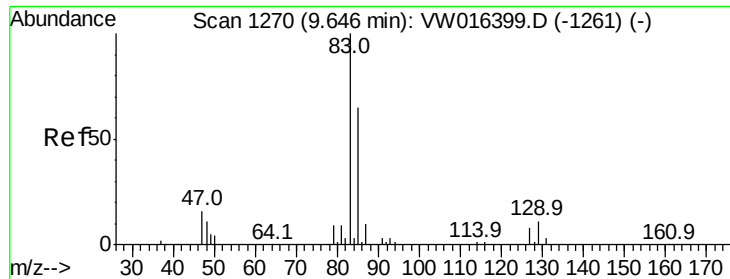
Tot Ion: 63 Resp: 31489
 Ion Ratio Lower Upper
 63 100
 65 34.8 25.4 38.0



#46
 Dibromomethane
 Concen: 19.997 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Tgt Ion: 93 Resp: 19100
 Ion Ratio Lower Upper
 93 100
 95 81.6 65.3 97.9
 174 104.1 80.1 120.1





#47

Bromodichloromethane

Concen: 20.486 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW0831SBSD01

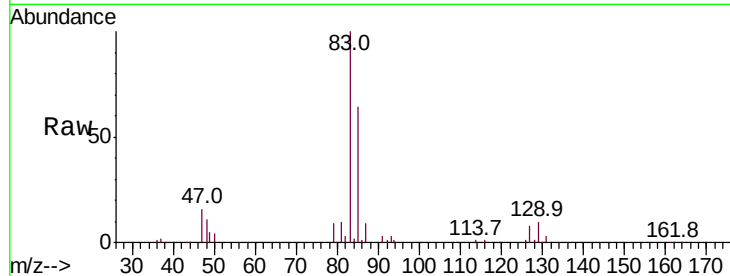
Tot Ion: 83 Resp: 50466

Ion Ratio Lower Upper

83 100

85 63.5 52.2 78.2

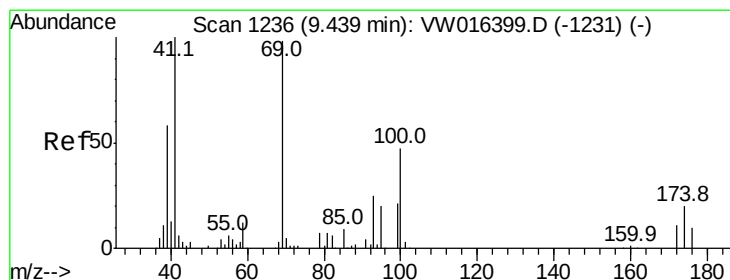
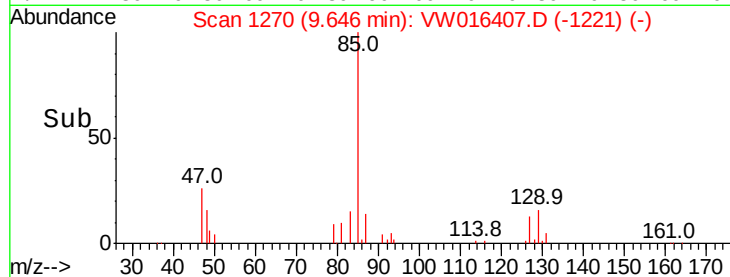
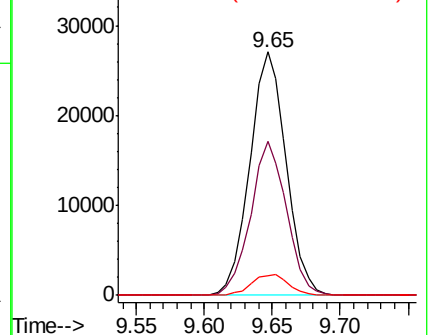
127 8.1 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 17.788 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

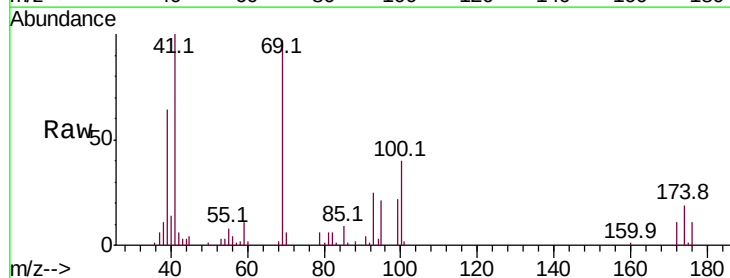
Tgt Ion: 41 Resp: 14841

Ion Ratio Lower Upper

41 100

69 108.0 83.5 125.3

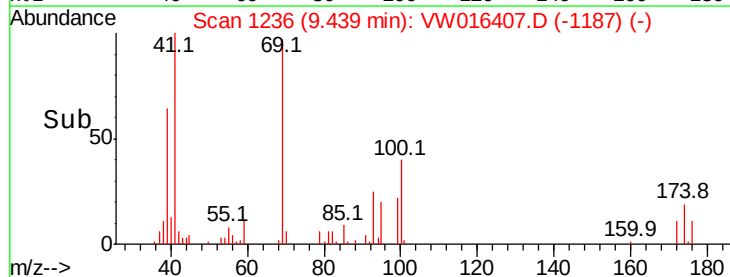
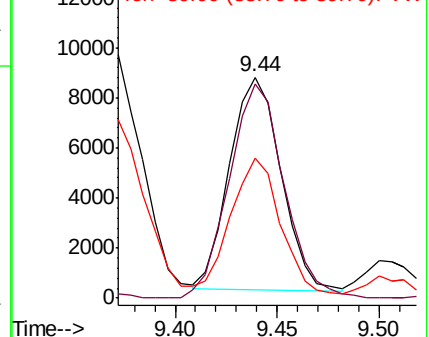
39 66.4 48.7 73.1

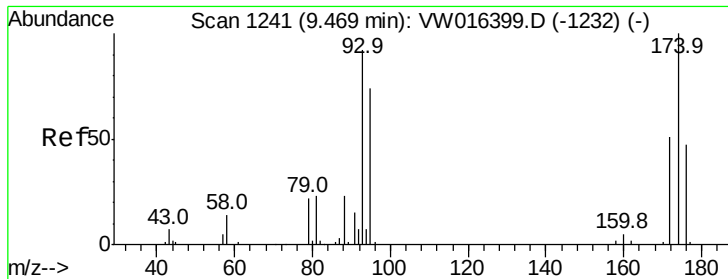


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

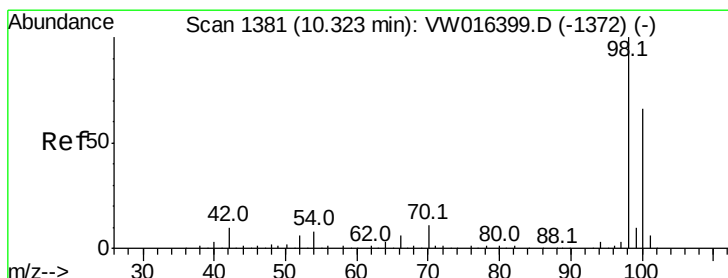
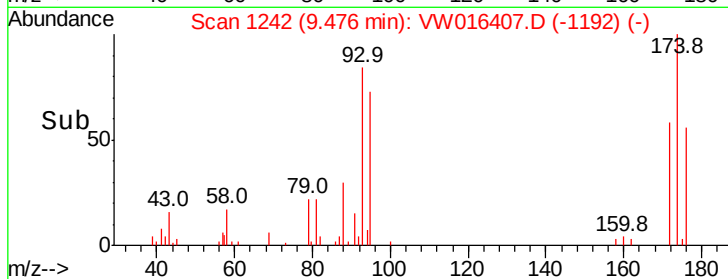
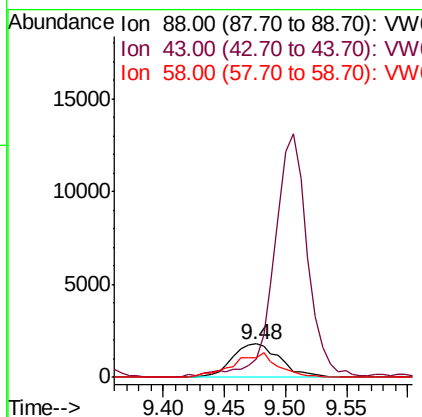
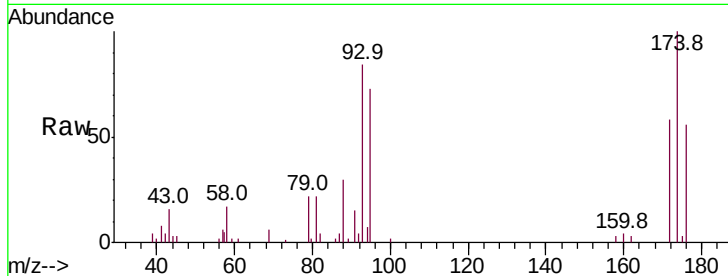




#49
1,4-Dioxane
Concen: 373.461 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

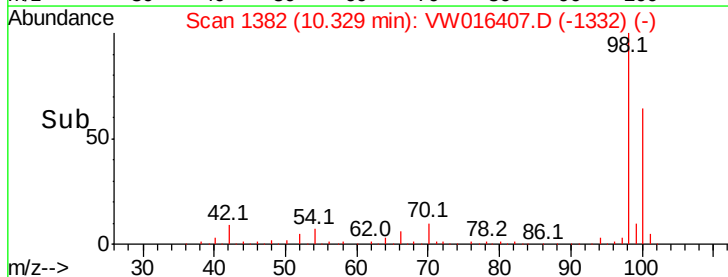
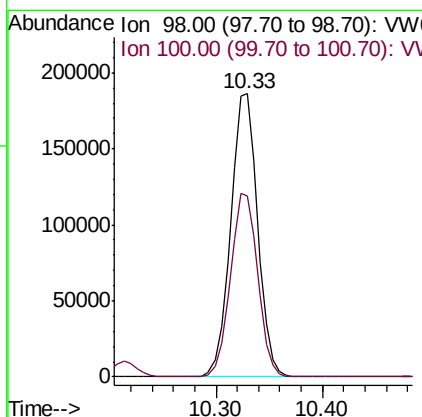
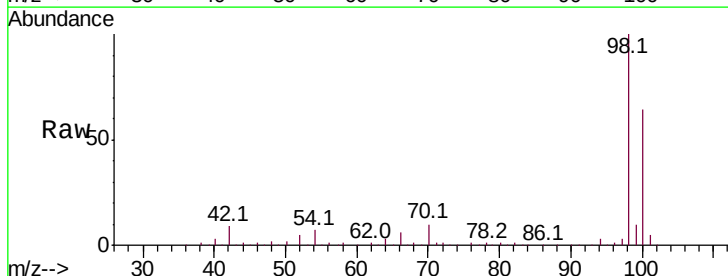
Instrument :
MSVOA_W
ClientSampleId :
VW0831SBSD01

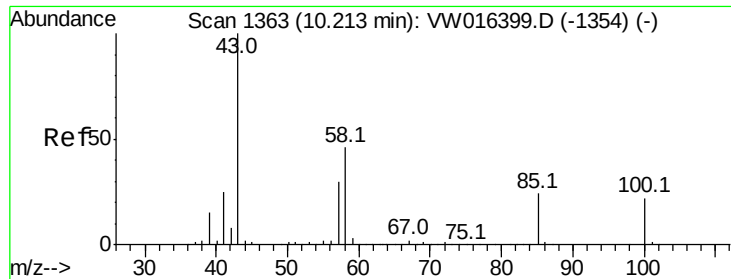
Tot Ion: 88 Resp: 4859
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 68.0 53.5 80.3



#50
Toluene-d8
Concen: 51.250 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Tgt Ion: 98 Resp: 330399
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8

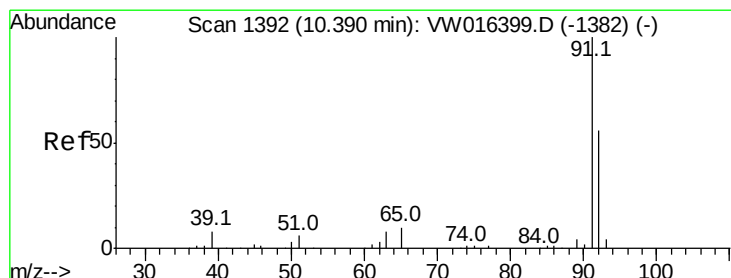
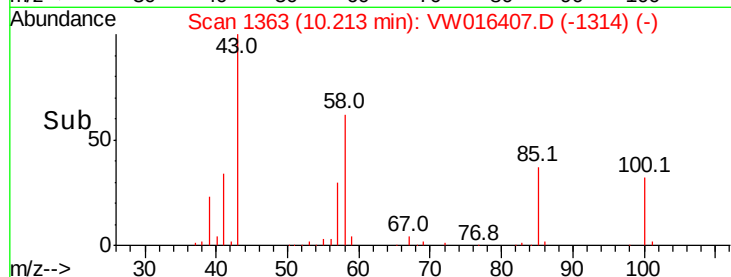
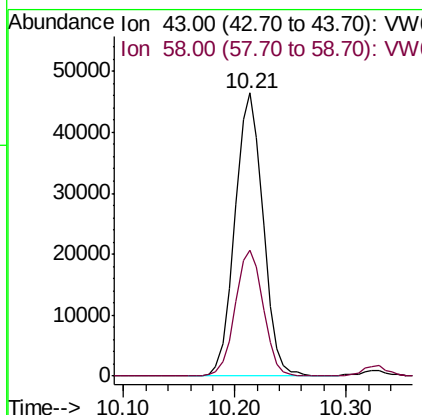
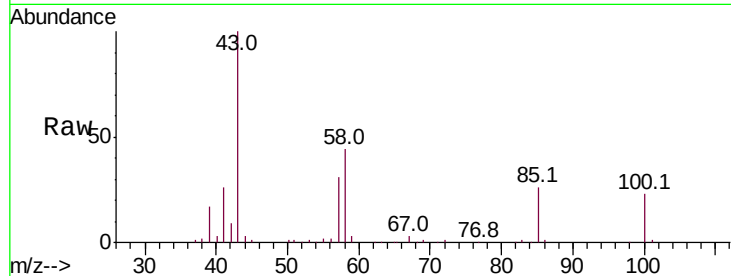




#51
4-Methyl-2-Pentanone
Concen: 93.999 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

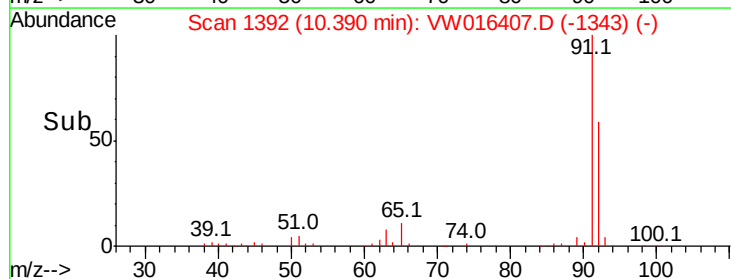
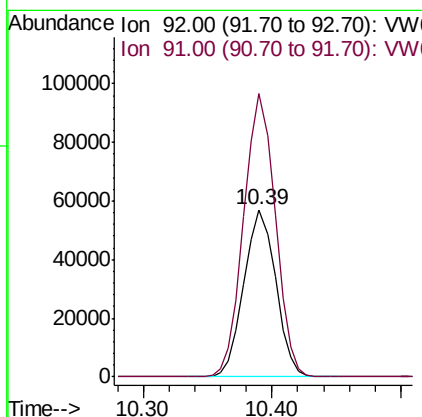
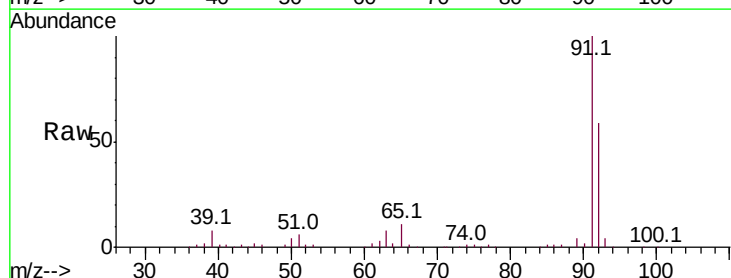
Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

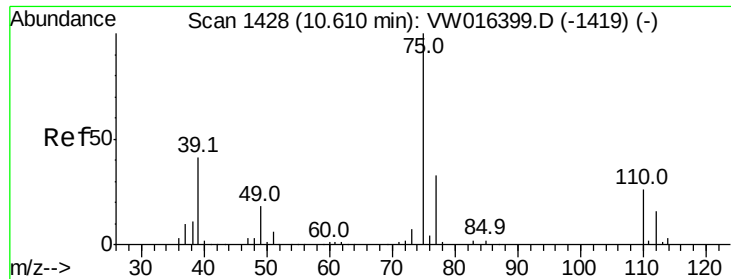
Tot Ion: 43 Resp: 81335
Ion Ratio Lower Upper
43 100
58 44.3 35.4 53.0



#52
Toluene
Concen: 21.004 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Tgt Ion: 92 Resp: 97592
Ion Ratio Lower Upper
92 100
91 168.4 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 19.264 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

ClientSampleId :

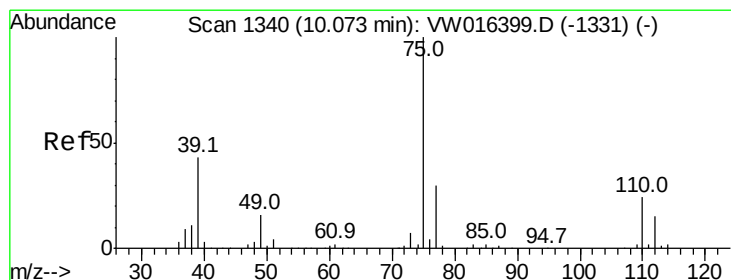
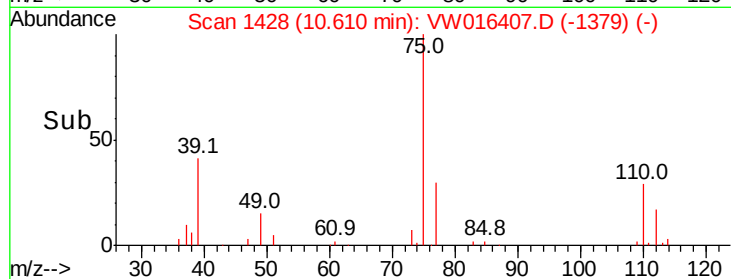
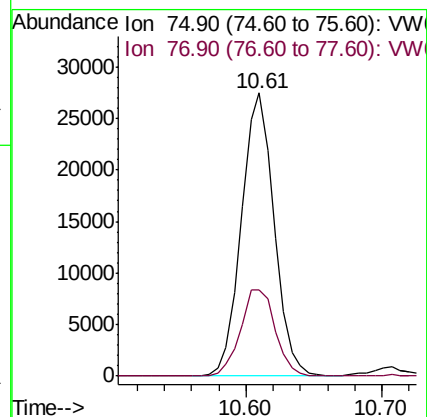
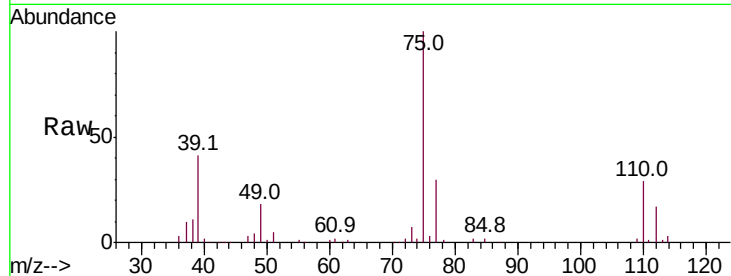
VW0831SBSD01

Tot Ion: 75 Resp: 46151

Ion Ratio Lower Upper

75 100

77 30.4 26.1 39.1



#54

cis-1,3-Dichloropropene

Concen: 19.918 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

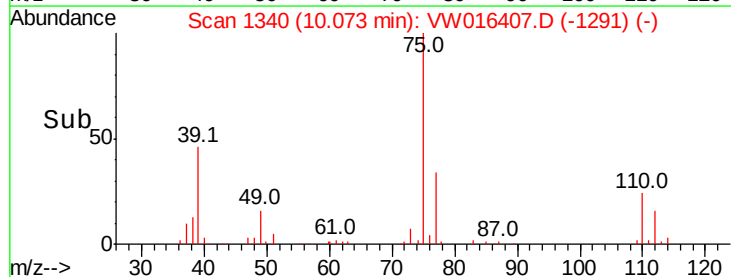
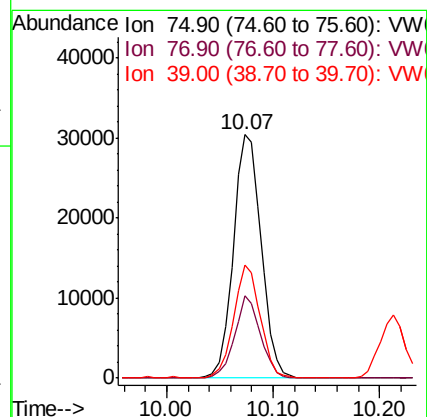
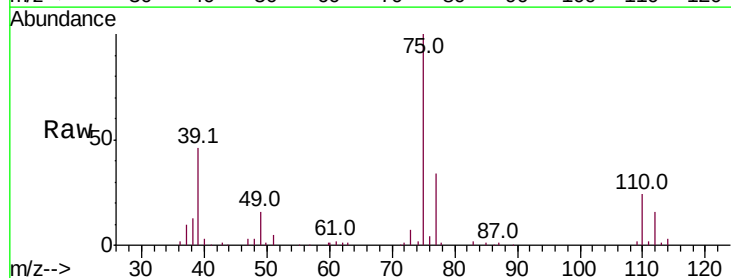
Tgt Ion: 75 Resp: 55602

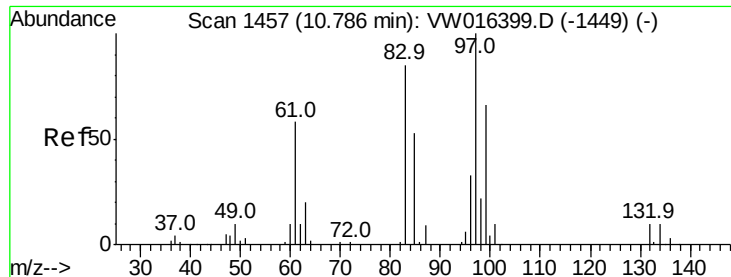
Ion Ratio Lower Upper

75 100

77 33.8 24.4 36.6

39 46.2 34.6 51.8

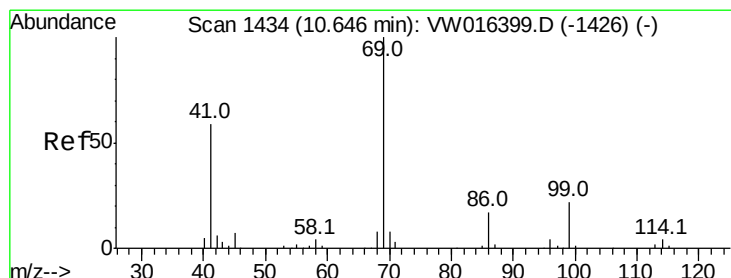
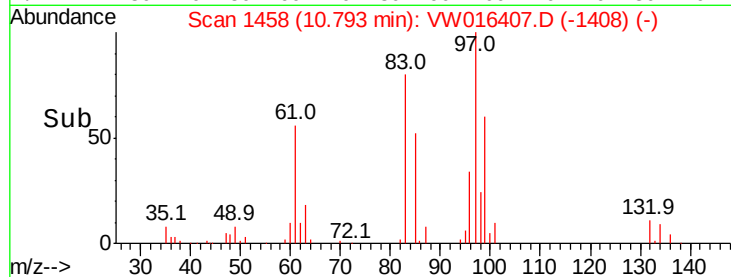
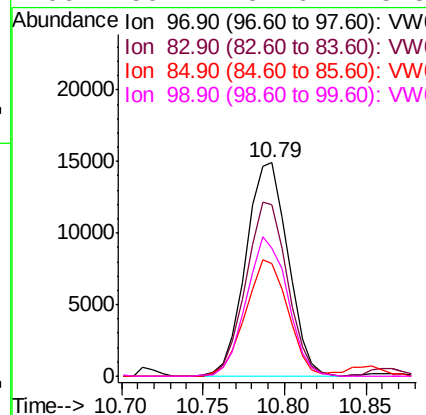
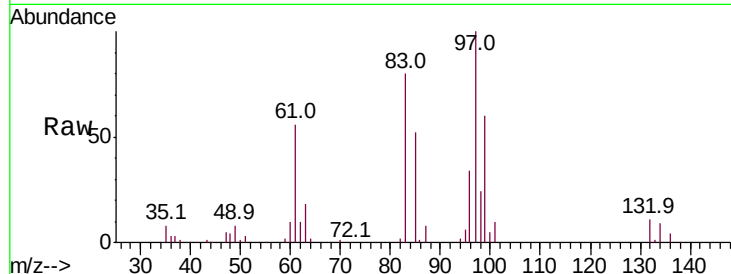




#55
 1,1,2-Trichloroethane
 Concen: 19.804 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

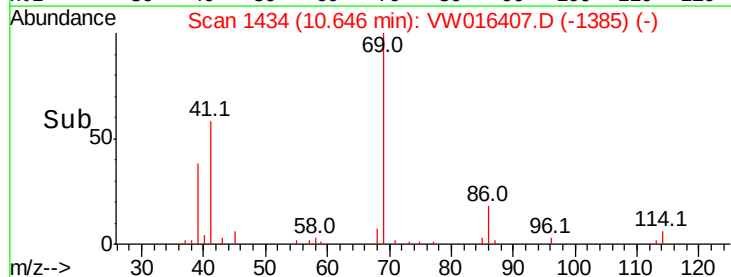
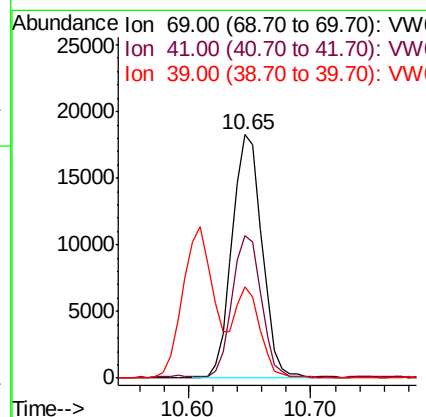
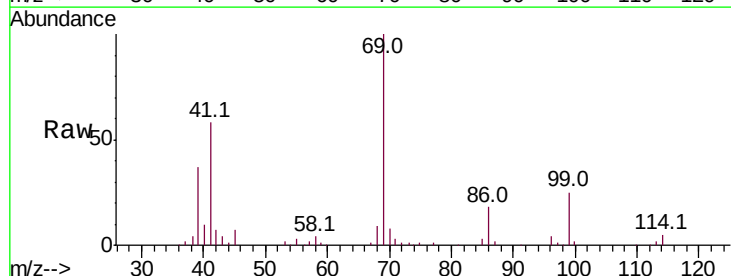
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0831SBSD01

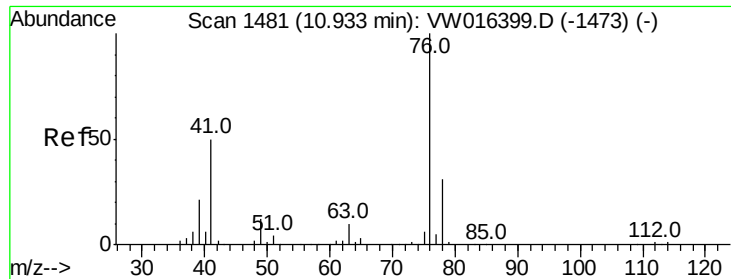
Tot Ion:	97	Resp:	26970
Ion	Ratio	Lower	Upper
97	100		
83	80.3	68.0	102.0
85	52.5	42.2	63.2
99	59.7	52.6	78.8



#56
 Ethyl methacrylate
 Concen: 19.431 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Tgt Ion:	69	Resp:	30923
Ion	Ratio	Lower	Upper
69	100		
41	58.0	46.5	69.7
39	29.6	26.2	39.2

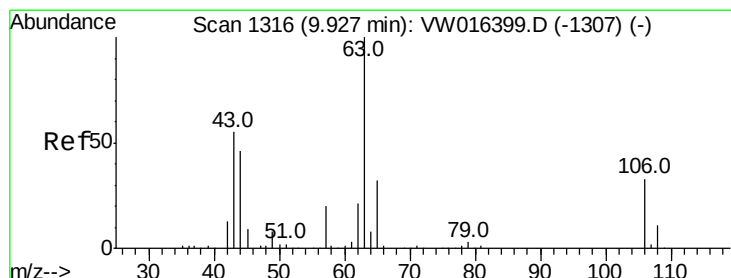
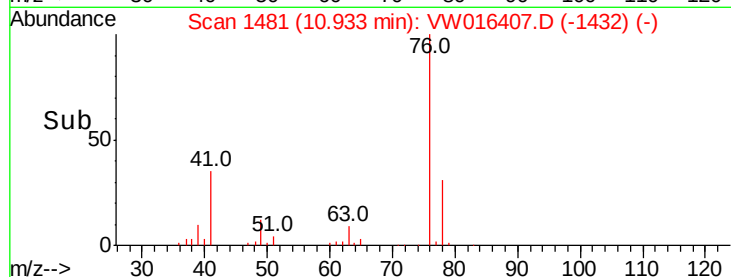
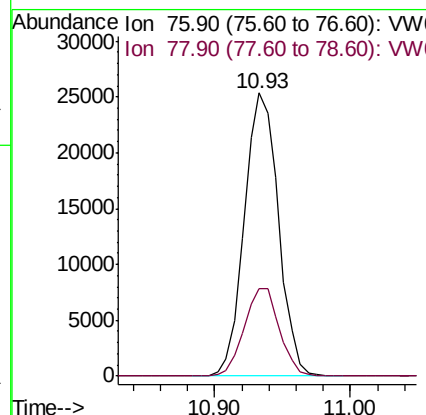
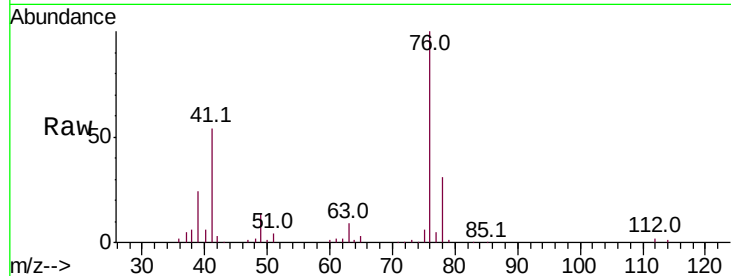




#57
 1,3-Dichloropropane
 Concen: 19.620 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

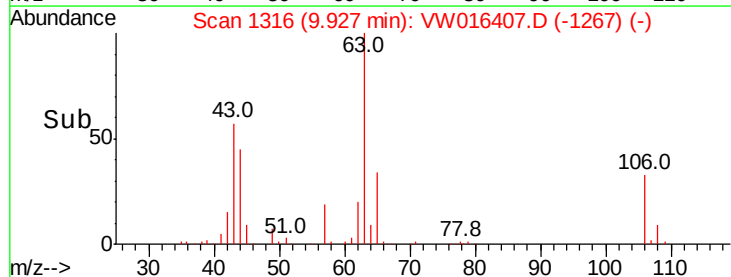
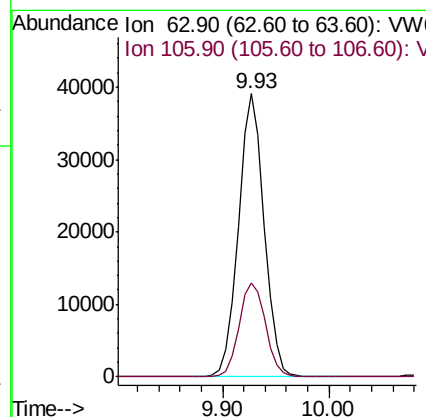
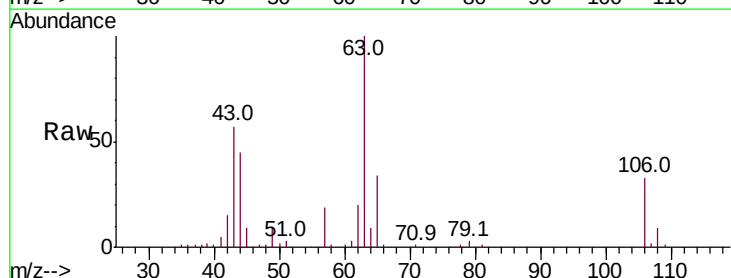
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0831SBS01

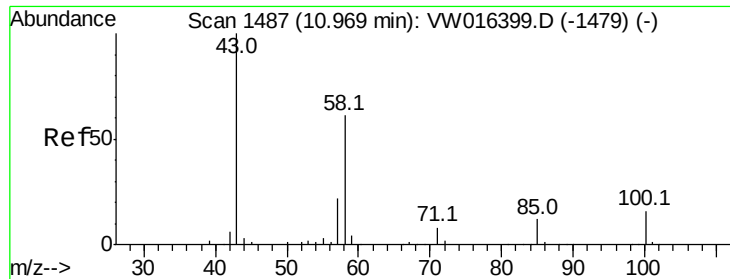
Tot Ion: 76 Resp: 44396
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.364 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Tgt Ion: 63 Resp: 66001
 Ion Ratio Lower Upper
 63 100
 106 34.1 26.6 40.0





#59

2-Hexanone

Concen: 91.634 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

ClientSampleId :

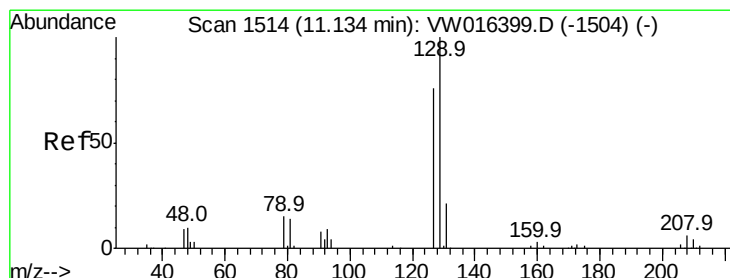
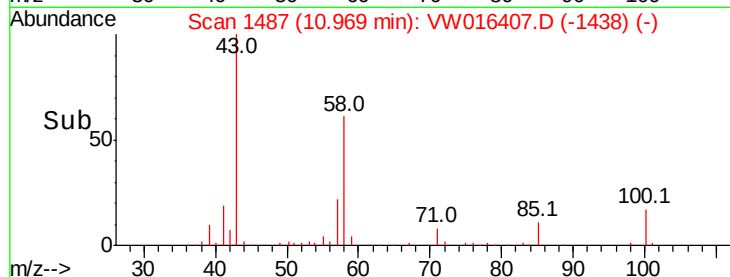
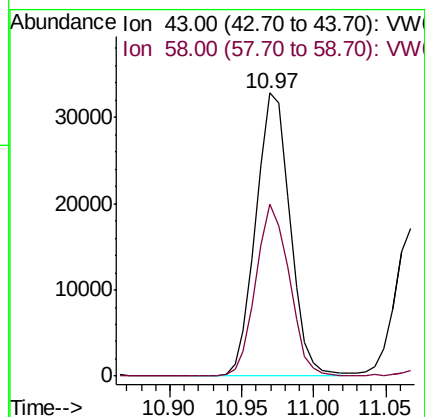
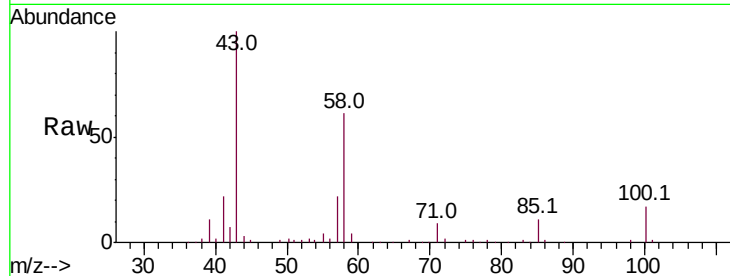
VW0831SBSD01

Tot Ion: 43 Resp: 54094

Ion Ratio Lower Upper

43 100

58 59.5 29.7 89.1



#60

Dibromochloromethane

Concen: 20.325 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.01 min

Lab File: VW016407.D

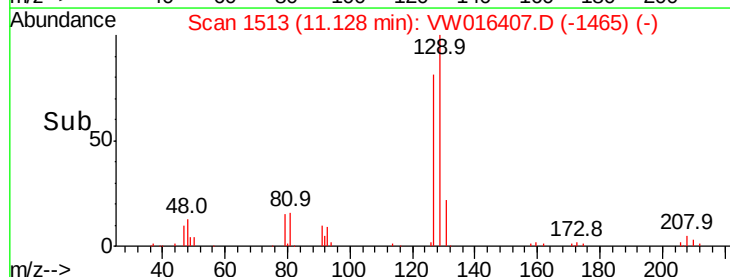
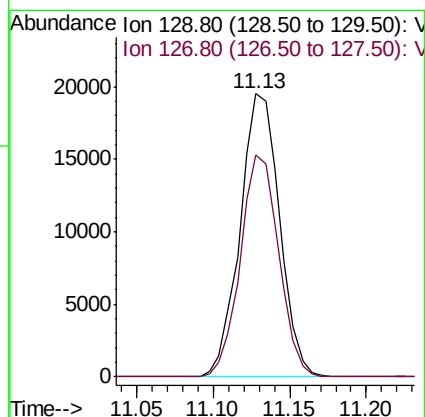
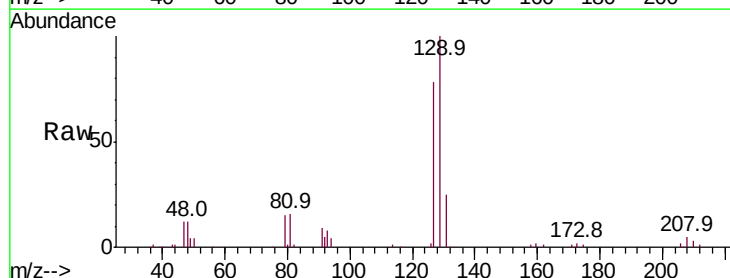
Acq: 31 Aug 2020 13:27

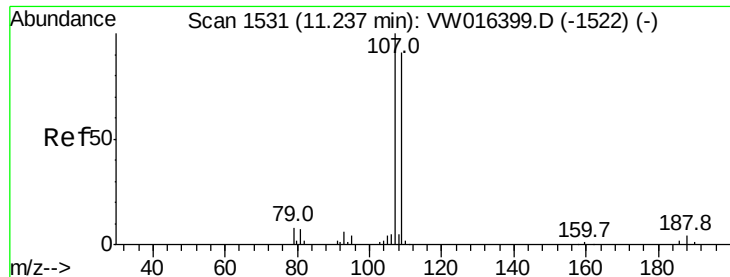
Tgt Ion: 129 Resp: 34999

Ion Ratio Lower Upper

129 100

127 76.2 38.6 115.7





#61

1,2-Dibromoethane

Concen: 19.716 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

ClientSampleId :

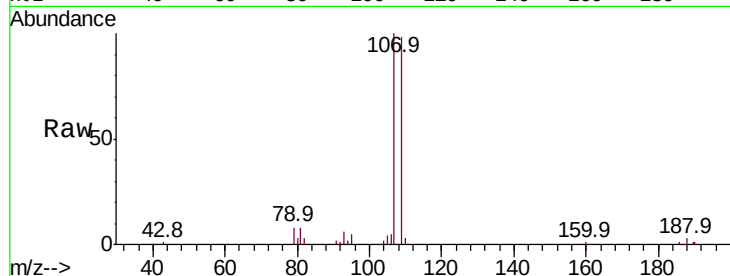
VW0831SBSD01

Tot Ion:107 Resp: 26332

Ion Ratio Lower Upper

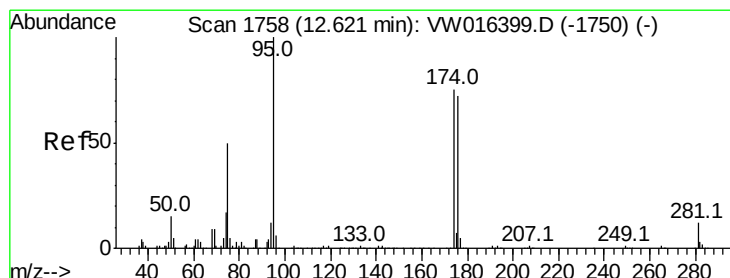
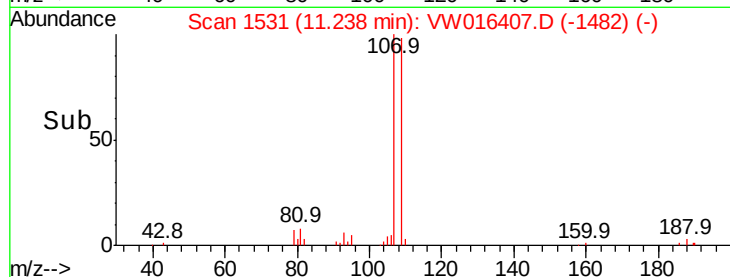
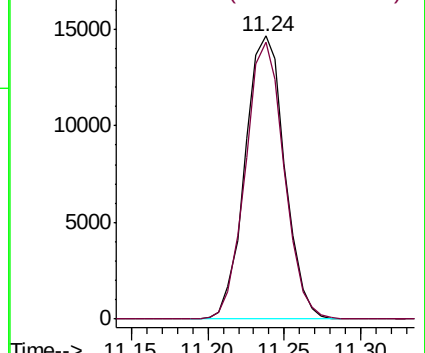
107 100

109 95.5 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.022 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

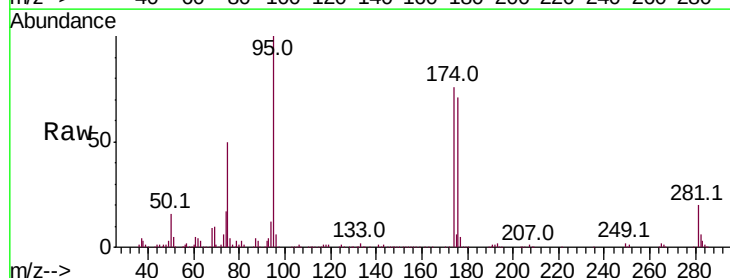
Tgt Ion: 95 Resp: 123346

Ion Ratio Lower Upper

95 100

174 77.0 0.0 152.0

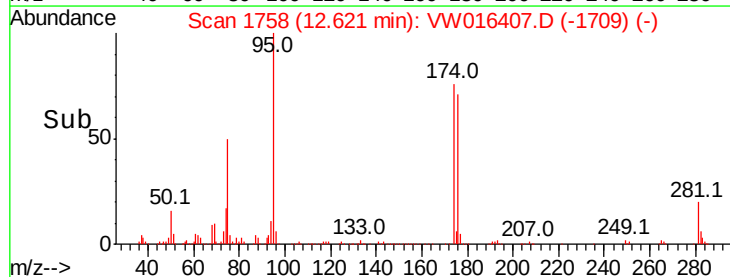
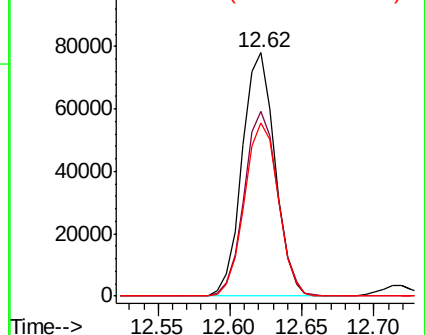
176 73.1 0.0 145.6

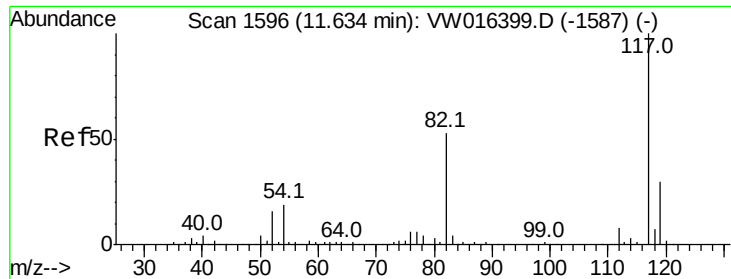


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

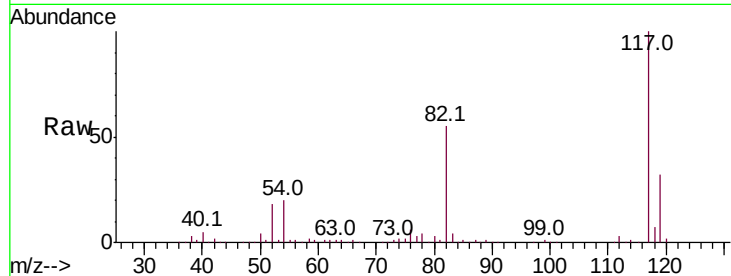




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	42.2	63.4
119	32.3	24.2	36.4

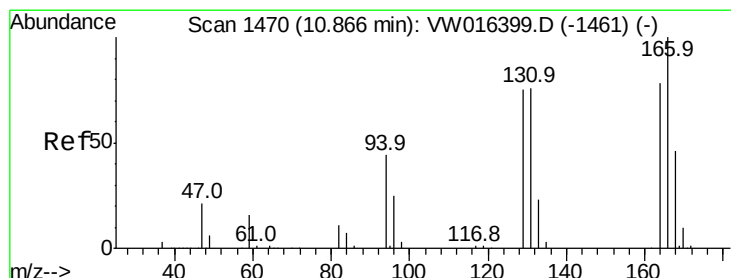
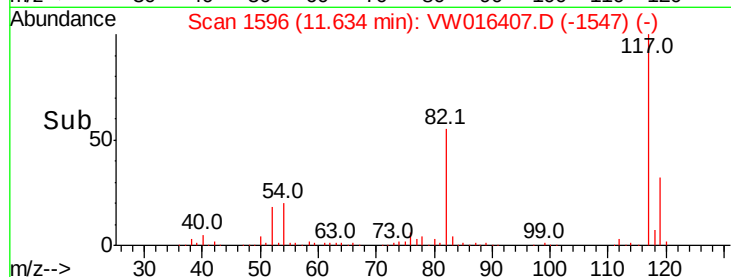
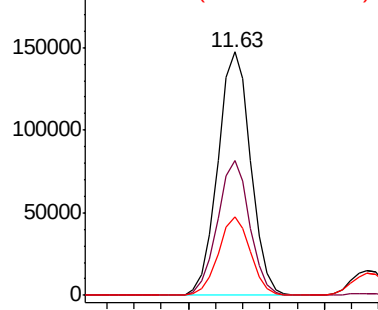


Abundance

Ion 116.90 (116.60 to 117.60): V

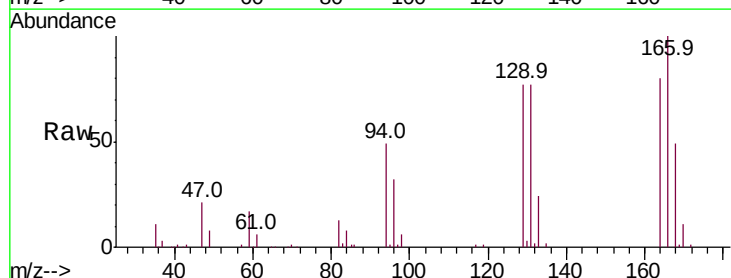
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 20.668 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.7	103.1	154.7
129	95.7	77.3	115.9
131	95.4	78.2	117.2



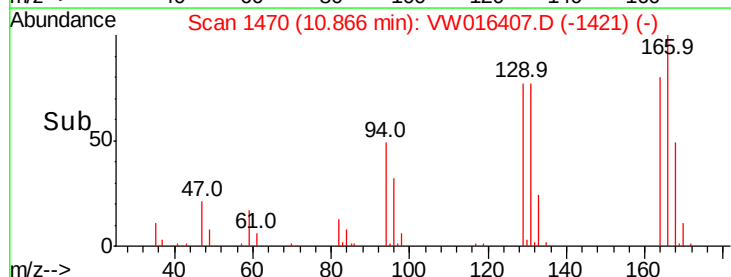
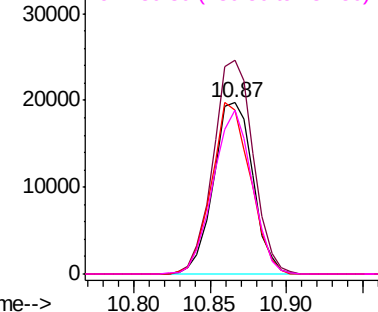
Abundance

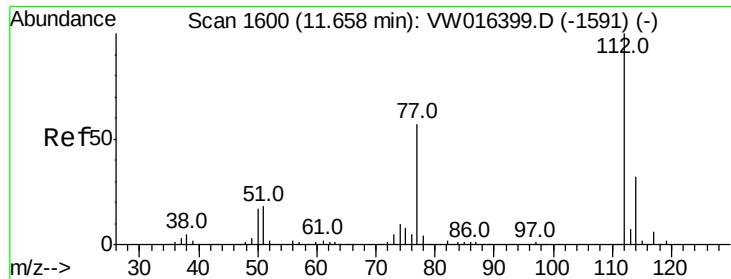
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

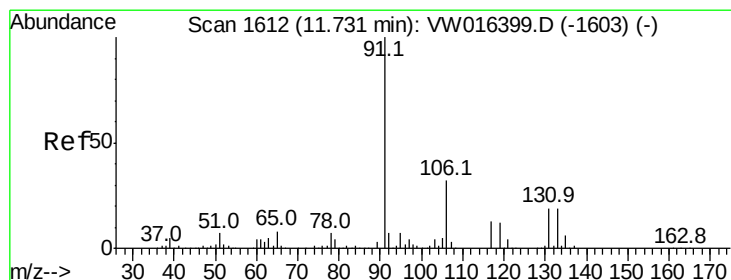
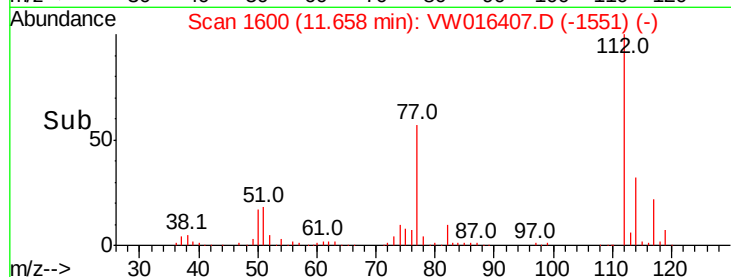
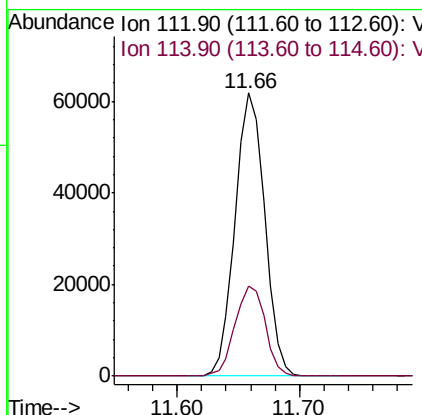
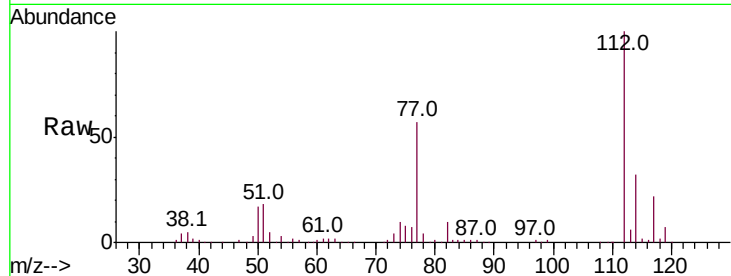




#65
Chlorobenzene
Concen: 20.196 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

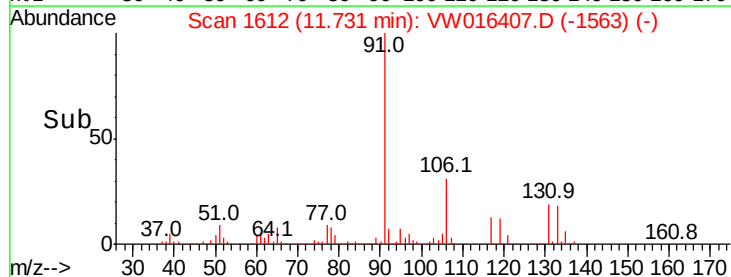
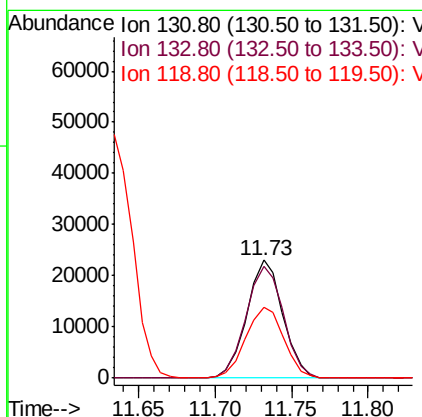
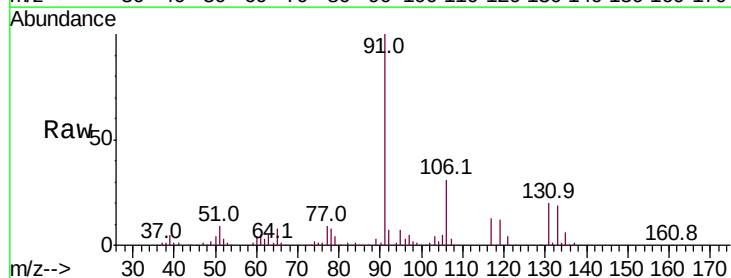
Instrument :
MSVOA_W
ClientSampleId :
VW0831SBS01

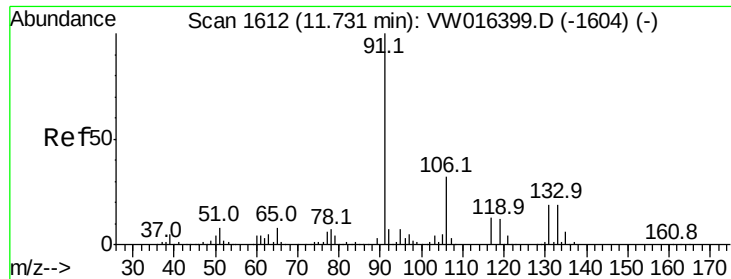
Tot Ion:112 Resp: 103814
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.850 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Tgt Ion:131 Resp: 37781
Ion Ratio Lower Upper
131 100
133 98.4 46.9 140.6
119 63.2 31.6 95.0

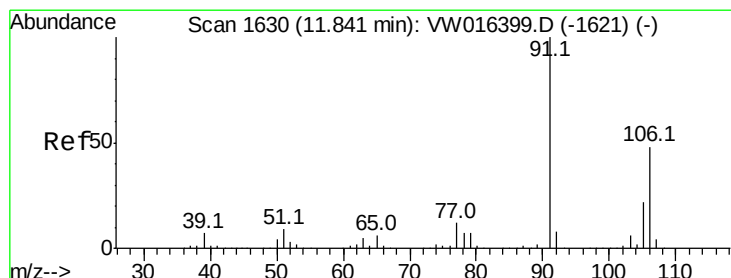
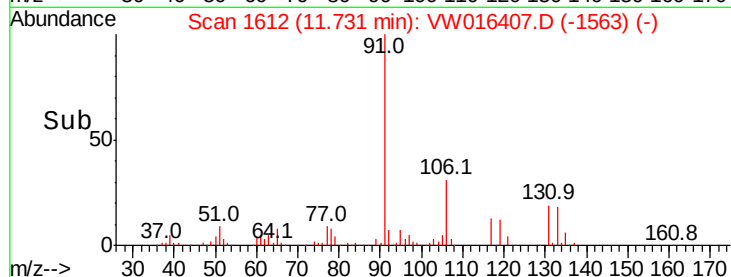
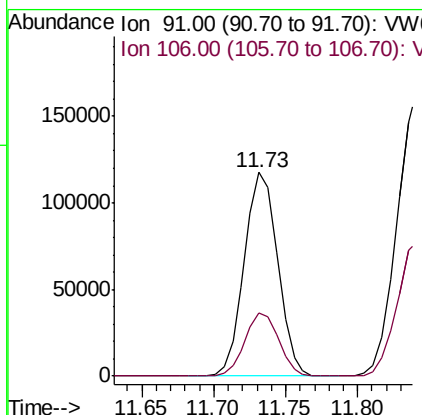
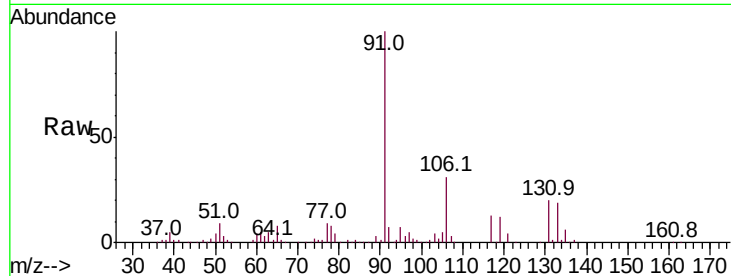




#67
Ethyl Benzene
Concen: 20.619 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

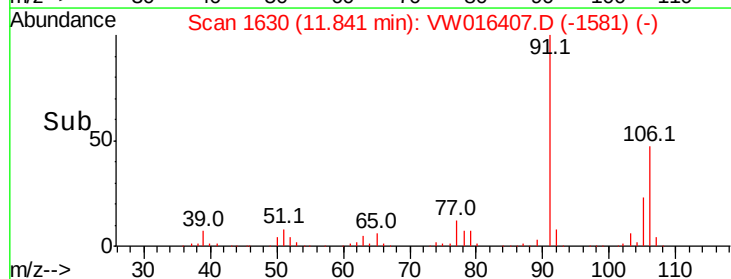
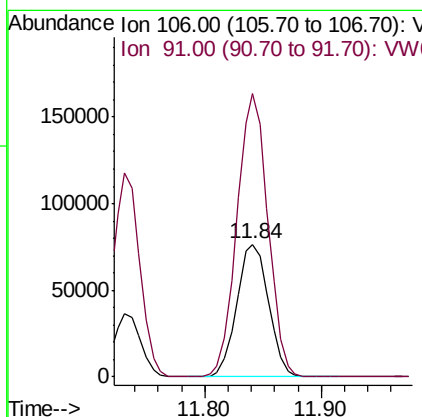
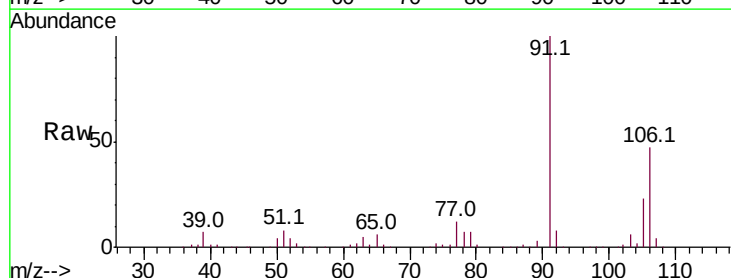
Instrument :
MSVOA_W
ClientSampled :
VW0831SBS01

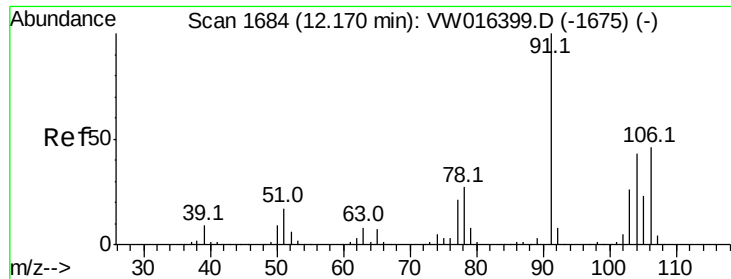
Tot Ion: 91 Resp: 189216
Ion Ratio Lower Upper
91 100
106 30.9 25.3 37.9



#68
m/p-Xylenes
Concen: 41.690 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Tgt Ion:106 Resp: 146068
Ion Ratio Lower Upper
106 100
91 207.4 167.7 251.5

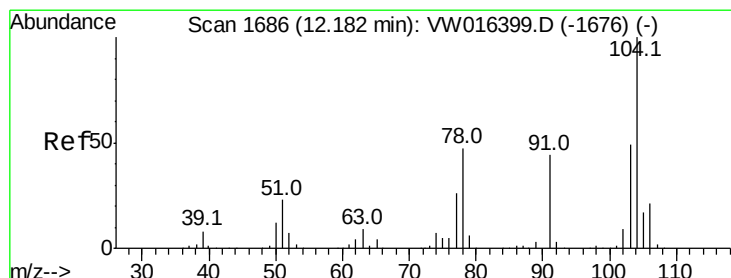
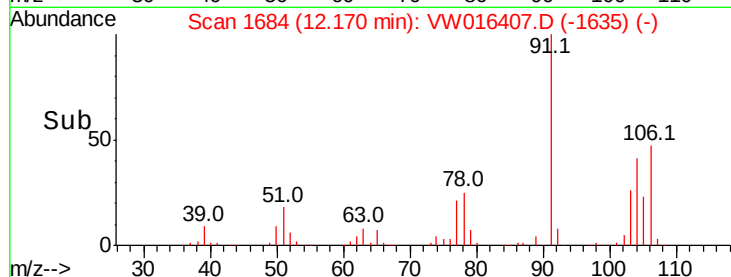
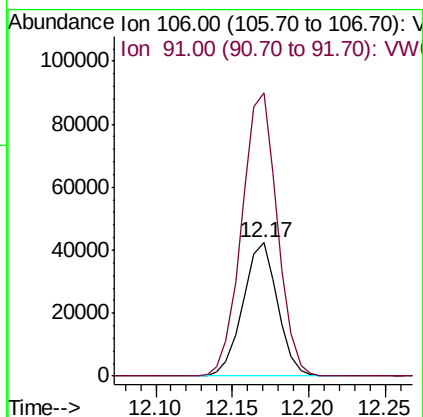
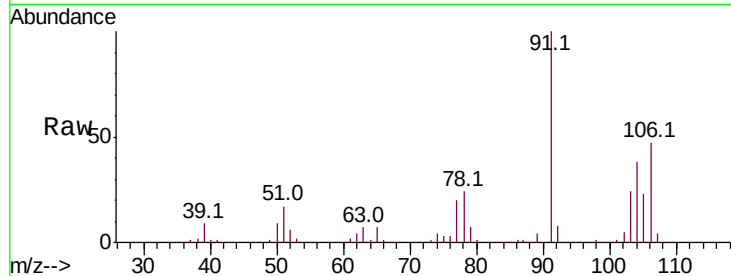




#69
o-Xylene
Concen: 20.693 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

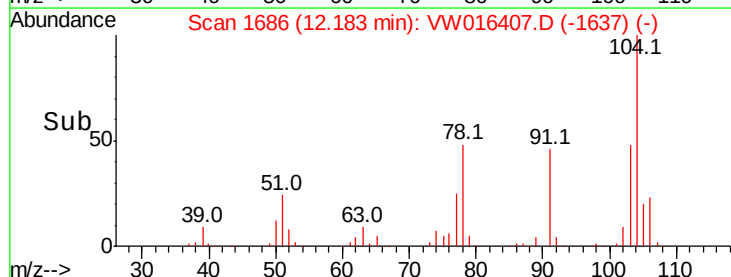
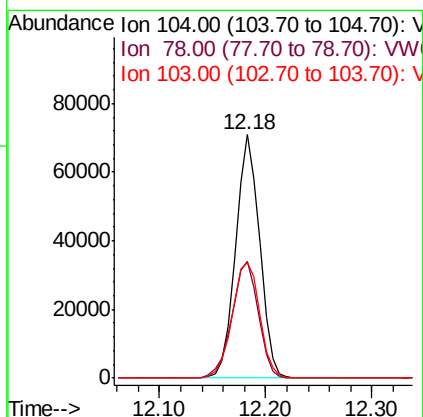
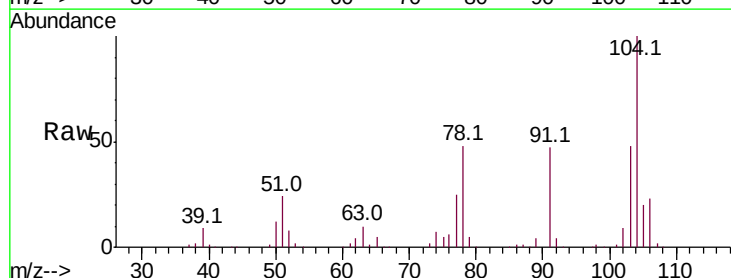
Instrument :
MSVOA_W
ClientSampleID :
VW0831SBSD01

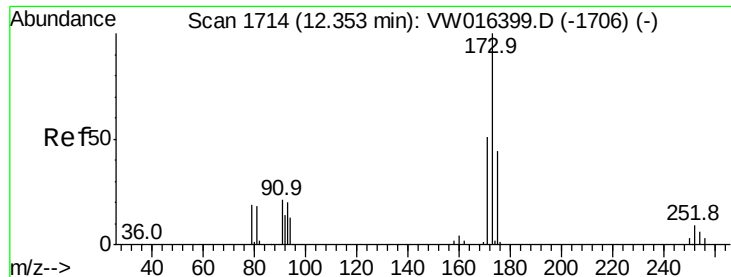
Tot Ion:106 Resp: 66673
Ion Ratio Lower Upper
106 100
91 217.2 111.7 334.9



#70
Styrene
Concen: 20.511 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Tgt Ion:104 Resp: 112627
Ion Ratio Lower Upper
104 100
78 52.8 41.7 62.5
103 54.2 42.9 64.3





#71

Bromoform

Concen: 20.276 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW0831SBSD01

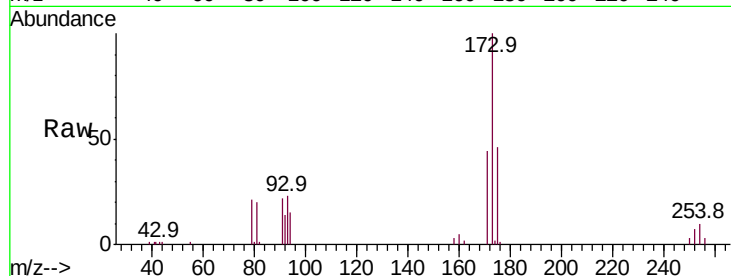
Tot Ion:173 Resp: 19637

Ion	Ratio	Lower	Upper
173	100		
175	47.4	23.5	70.6
254	0.0	0.0	0.0

173 100

175 47.4 23.5 70.6

254 0.0 0.0 0.0

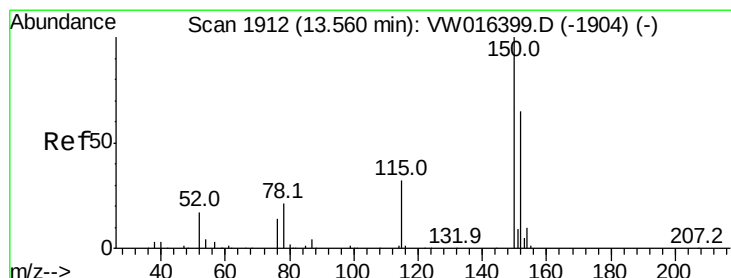
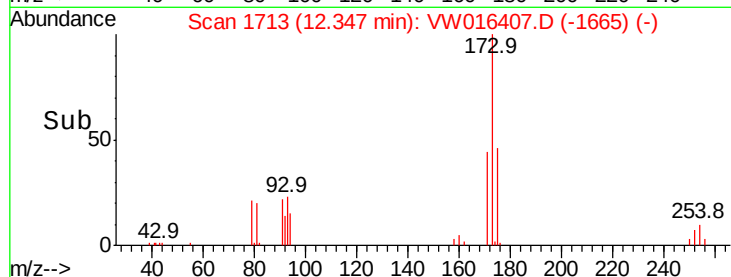
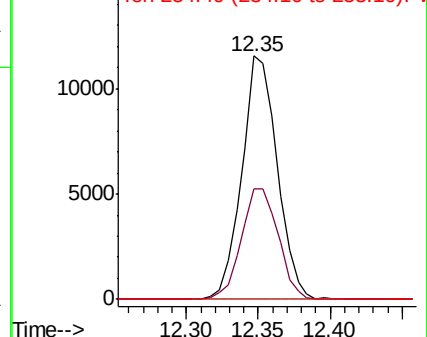


Abundance

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: VW016407.D

Acq: 31 Aug 2020 13:27

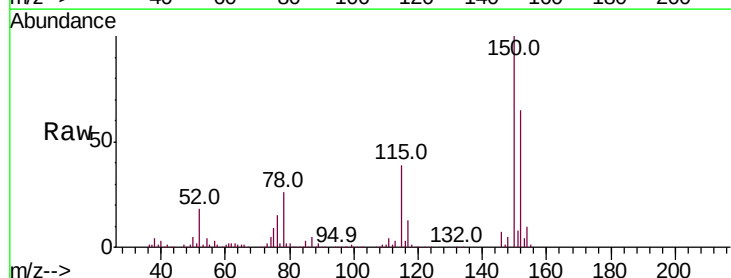
Tgt Ion:152 Resp: 123988

Ion	Ratio	Lower	Upper
152	100		
115	62.7	30.9	92.5
150	163.4	0.0	351.0

152 100

115 62.7 30.9 92.5

150 163.4 0.0 351.0

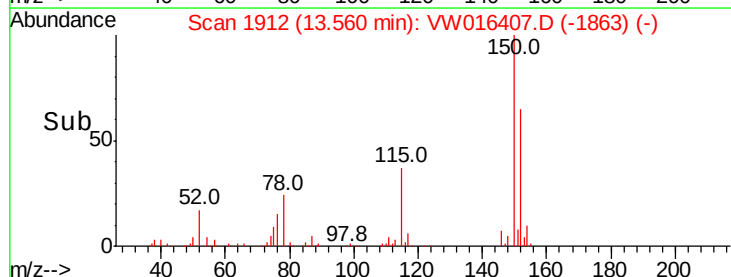
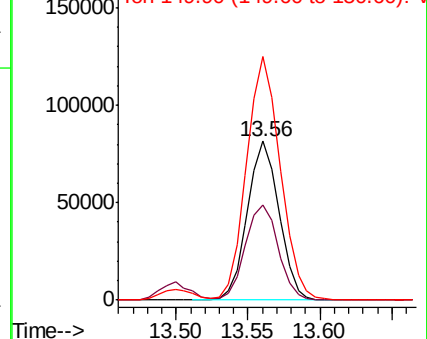


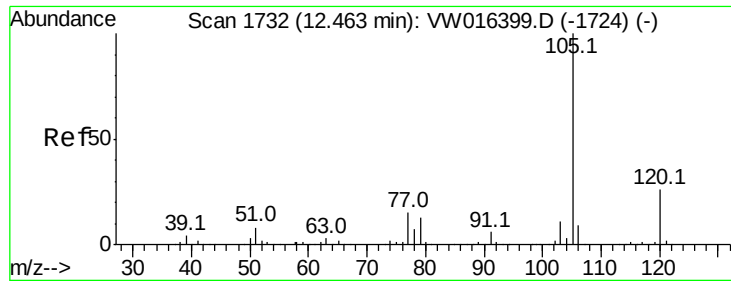
Abundance

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: 20.986 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

ClientSampleId :

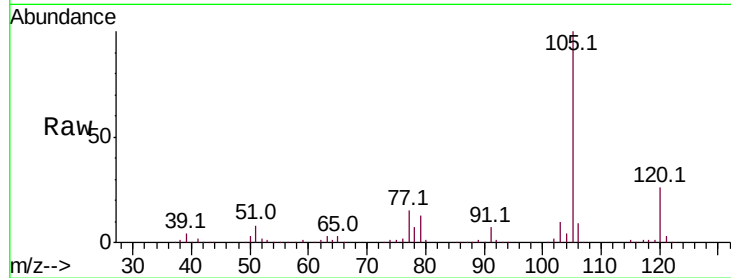
VW0831SBSD01

Tot Ion:105 Resp: 191861

Ion Ratio Lower Upper

105 100

120 25.7 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

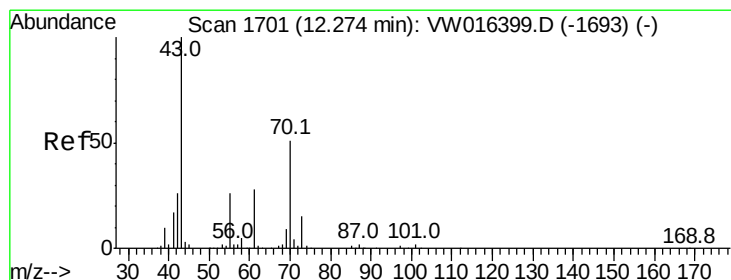
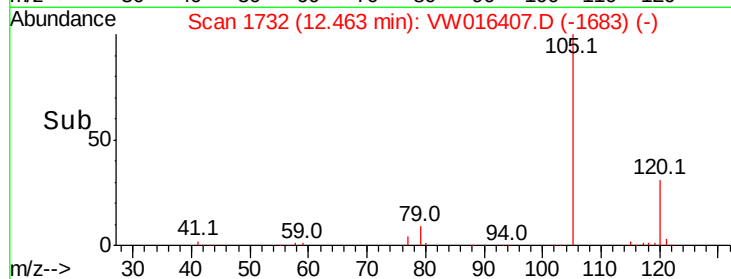
12.46

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.383 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Tgt Ion: 43 Resp: 29411

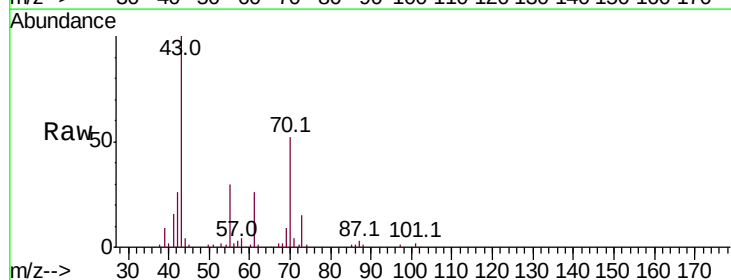
Ion Ratio Lower Upper

43 100

70 50.5 40.8 61.2

55 28.7 21.6 32.4

61 26.8 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

30000

25000

20000

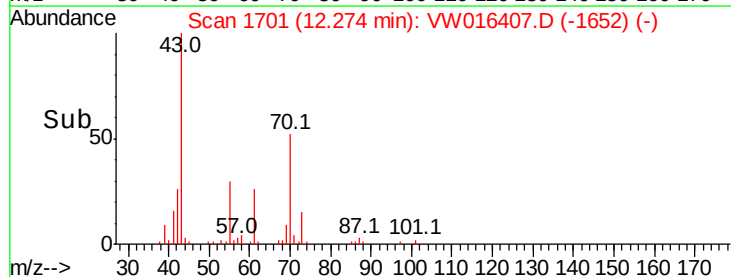
15000

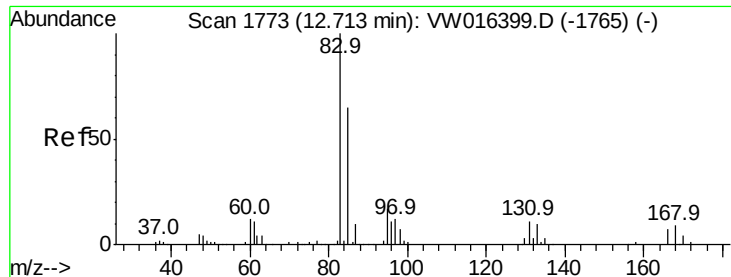
10000

5000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.035 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW0831SBSD01

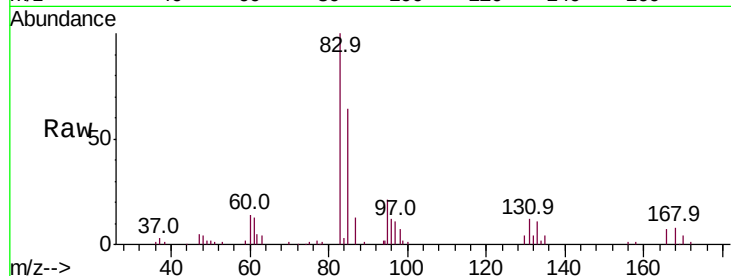
Tot Ion: 83 Resp: 28648

Ion Ratio Lower Upper

83 100

131 12.4 5.9 17.8

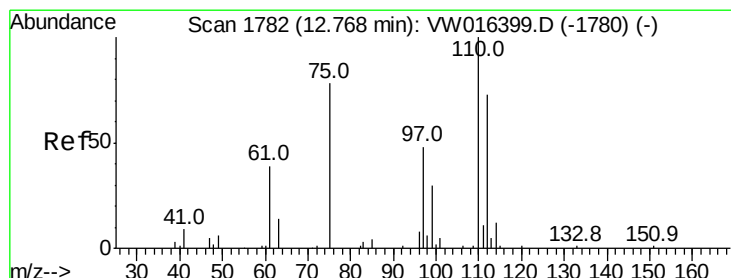
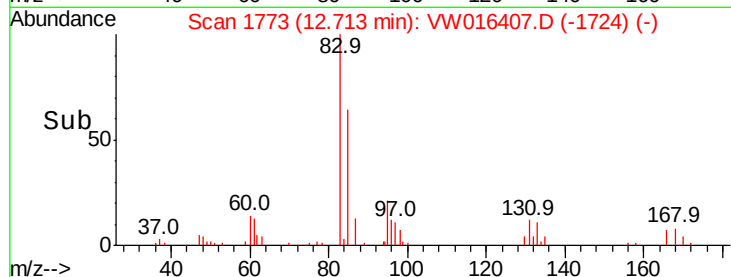
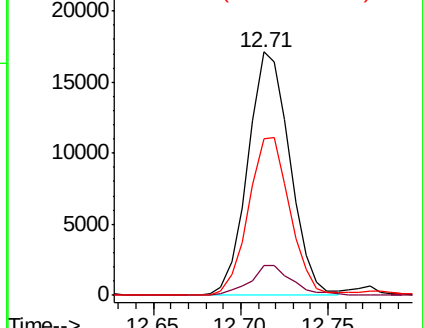
85 64.2 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 35.485 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW016407.D

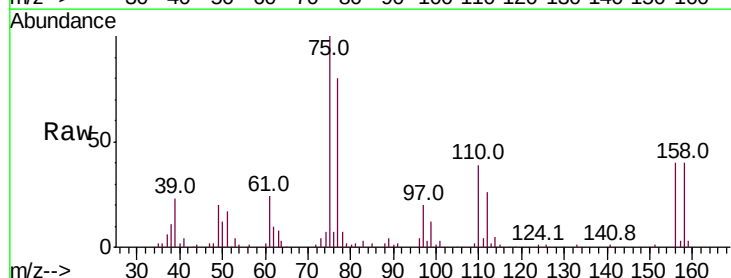
Acq: 31 Aug 2020 13:27

Tgt Ion: 75 Resp: 38905

Ion Ratio Lower Upper

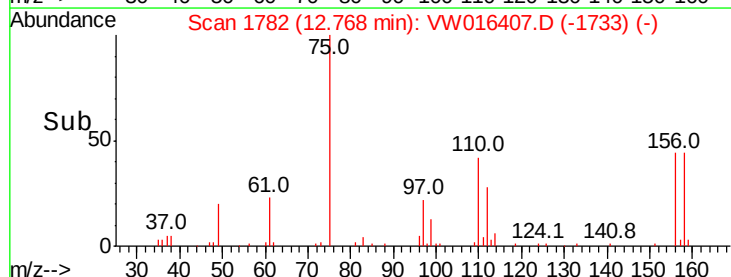
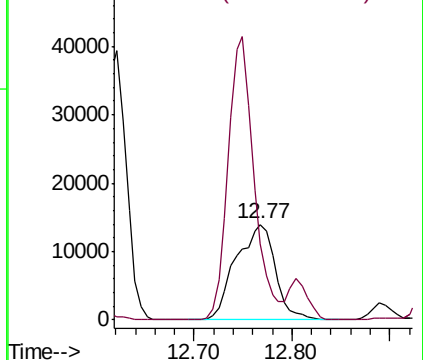
75 100

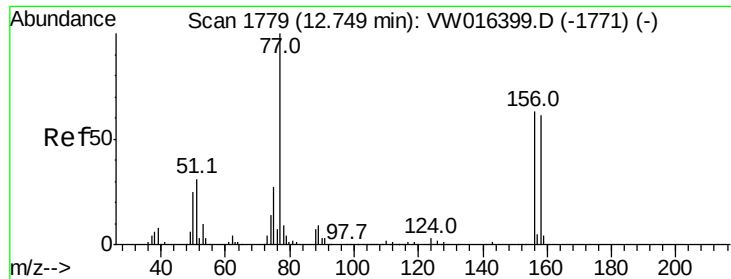
77 197.4 173.4 520.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.179 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW0831SBSD01

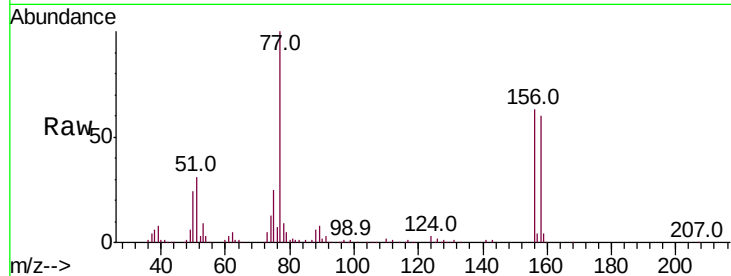
Tot Ion:156 Resp: 42887

Ion Ratio Lower Upper

156 100

77 179.1 90.0 269.9

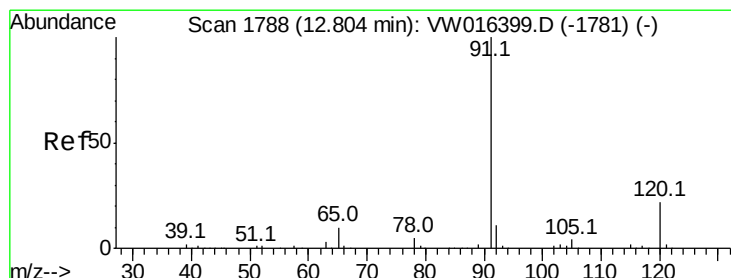
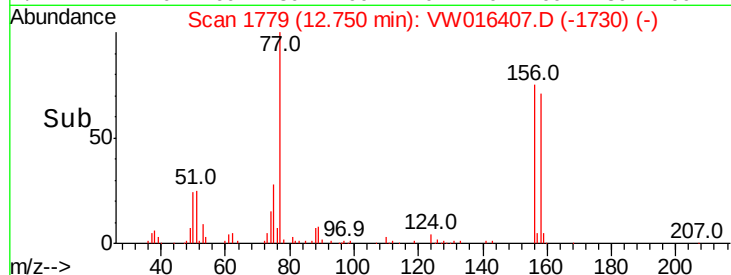
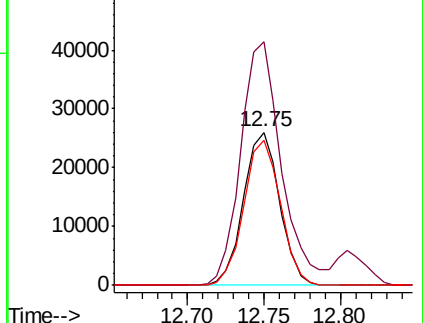
158 95.9 47.3 141.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.946 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW016407.D

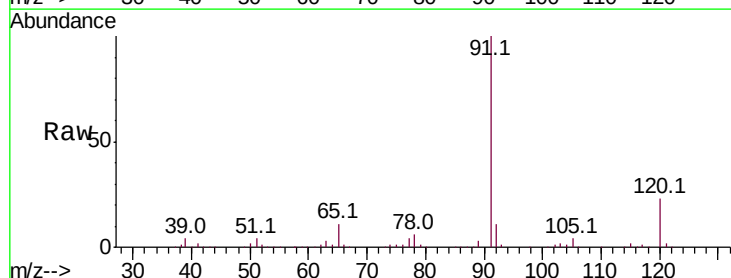
Acq: 31 Aug 2020 13:27

Tgt Ion: 91 Resp: 224797

Ion Ratio Lower Upper

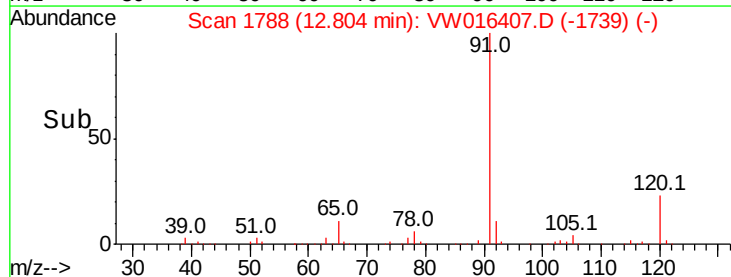
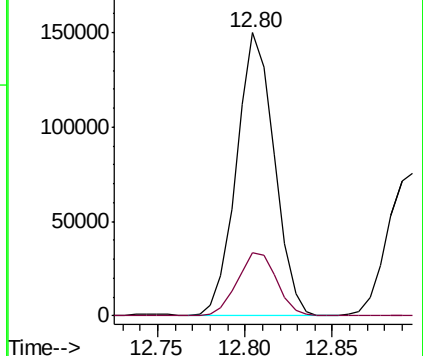
91 100

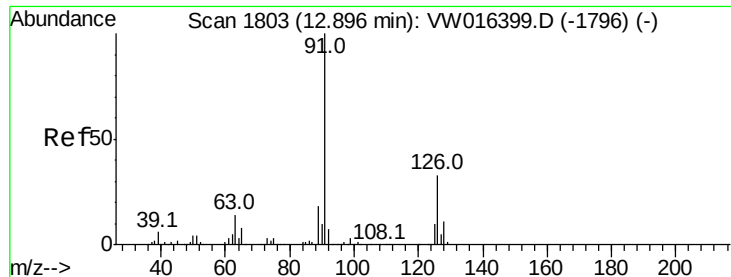
120 23.3 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.087 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

ClientSampleId :

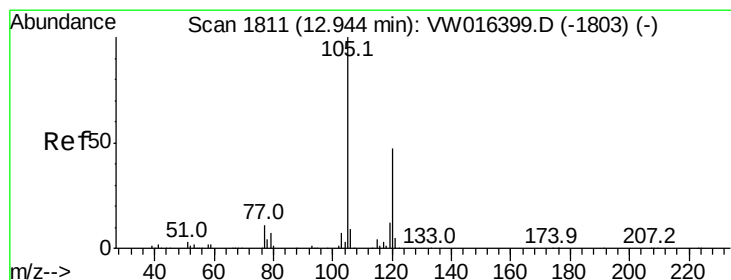
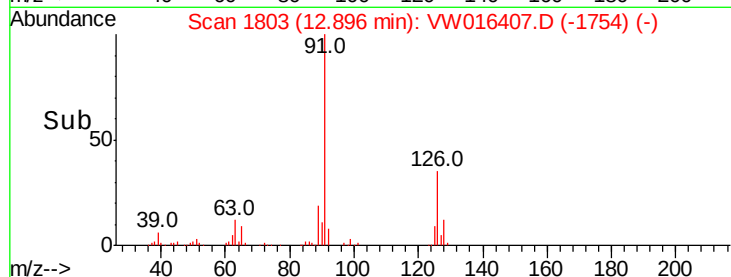
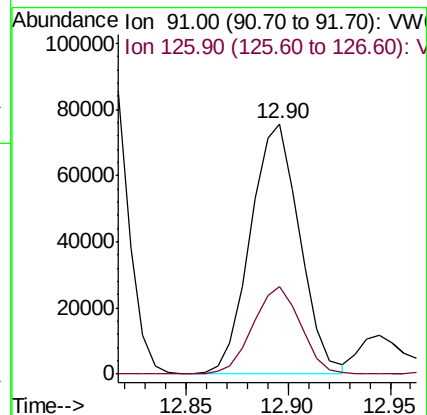
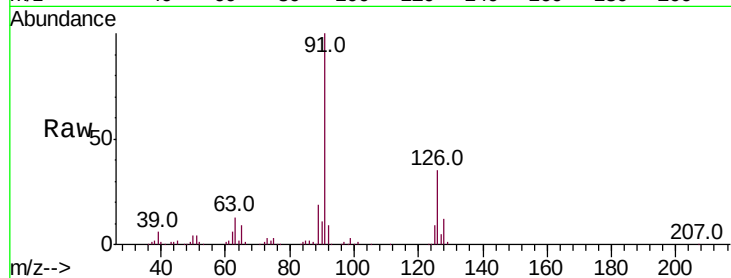
VW0831SBSD01

Tot Ion: 91 Resp: 126961

Ion Ratio Lower Upper

91 100

126 33.9 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 21.091 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW016407.D

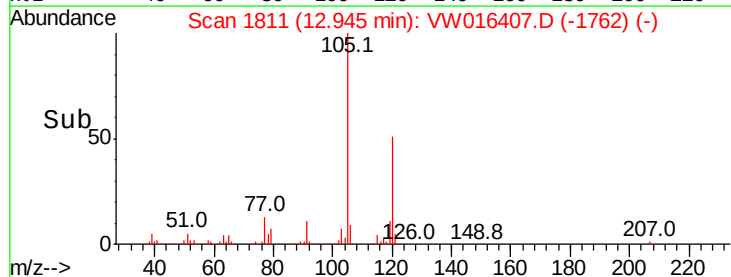
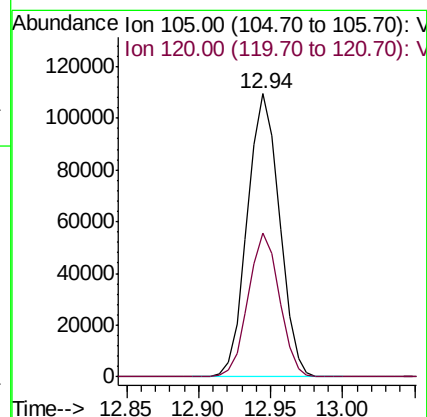
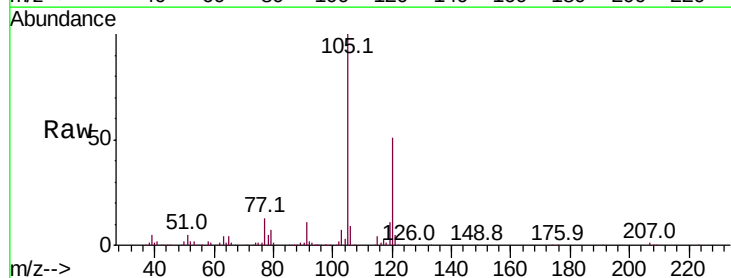
Acq: 31 Aug 2020 13:27

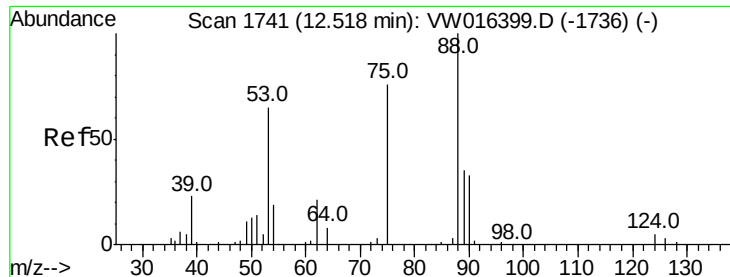
Tgt Ion:105 Resp: 169122

Ion Ratio Lower Upper

105 100

120 49.1 23.8 71.2

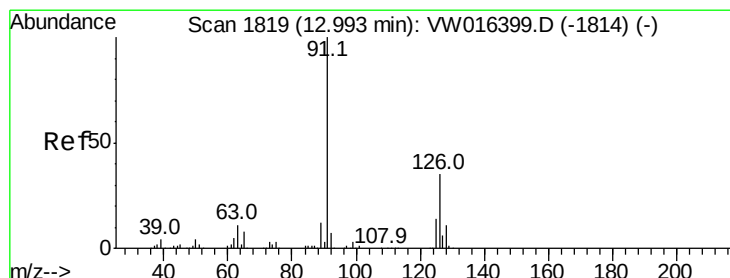
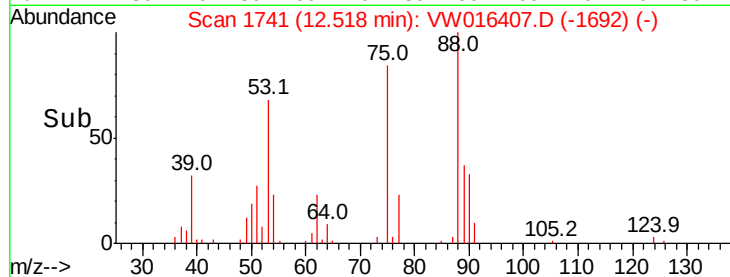
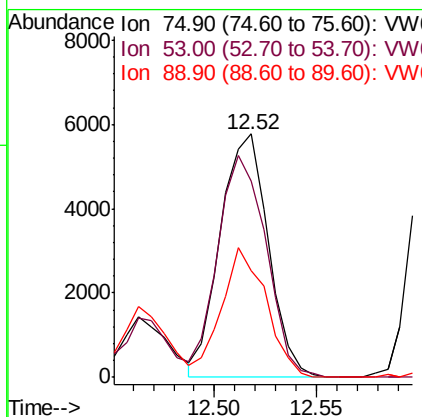
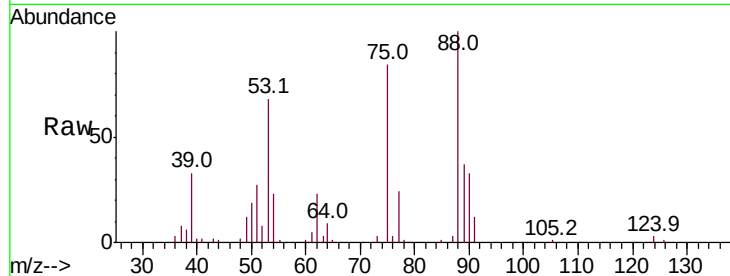




#81
trans-1,4-Dichloro-2-butene
Concen: 19.053 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

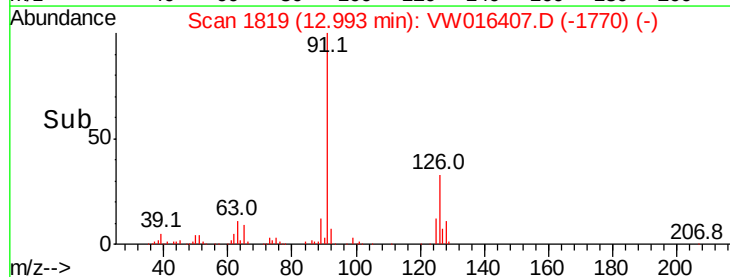
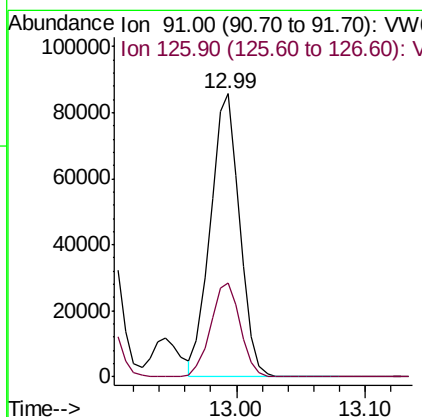
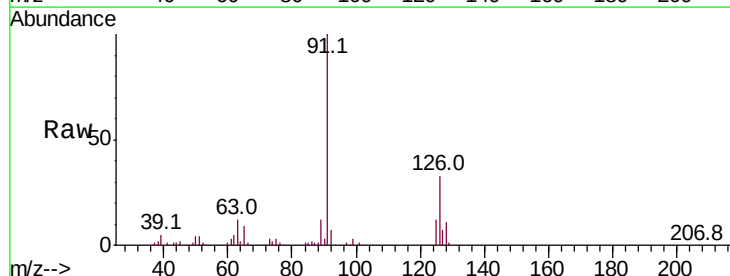
Instrument :
MSVOA_W
ClientSampleId :
VW0831SBSD01

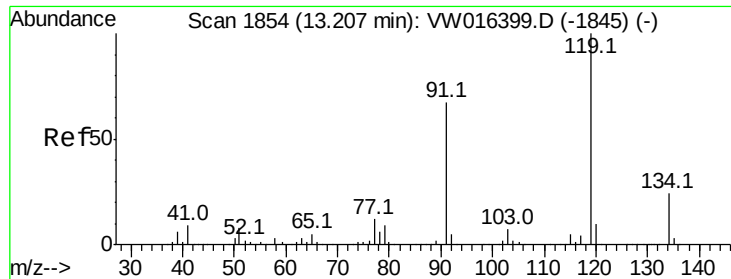
Tot Ion: 75 Resp: 9409
Ion Ratio Lower Upper
75 100
53 92.2 75.2 112.8
89 50.0 40.4 60.6



#82
4-Chlorotoluene
Concen: 20.639 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Tgt Ion: 91 Resp: 136381
Ion Ratio Lower Upper
91 100
126 33.7 17.0 50.9





#83

tert-Butylbenzene

Concen: 20.899 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

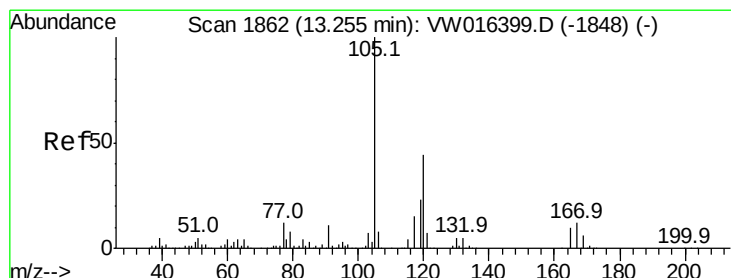
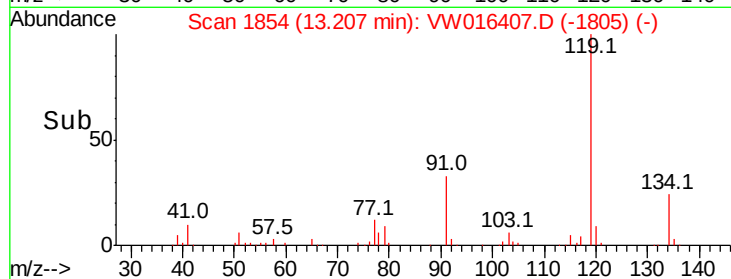
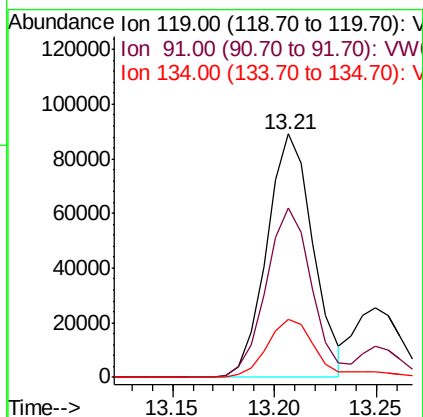
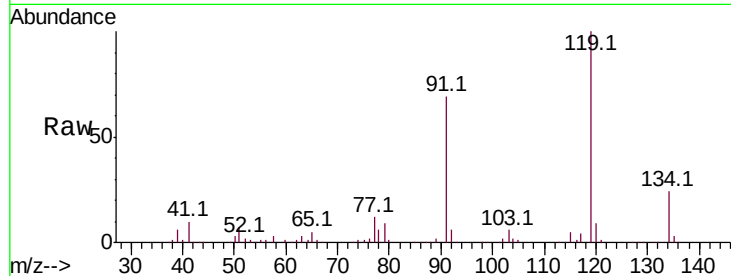
Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBSD01

Tot Ion:119 Resp: 140792

Ion	Ratio	Lower	Upper
119	100		
91	69.6	34.1	102.3
134	26.1	12.3	36.8



#84

1,2,4-Trimethylbenzene

Concen: 20.918 ug/l

RT: 13.26 min Scan# 1862

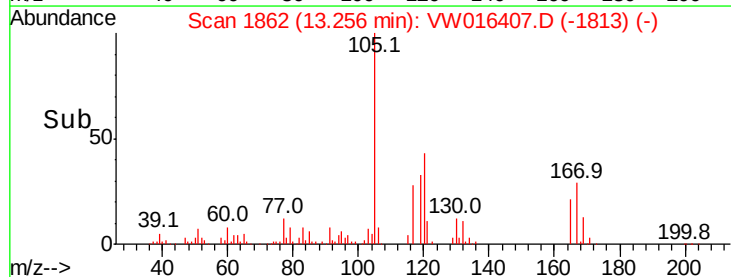
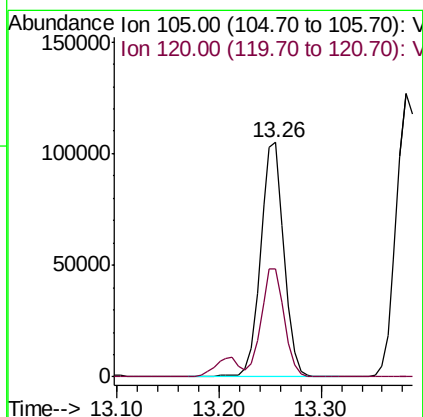
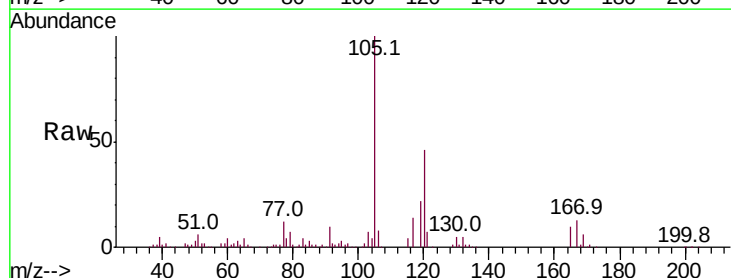
Delta R.T. 0.00 min

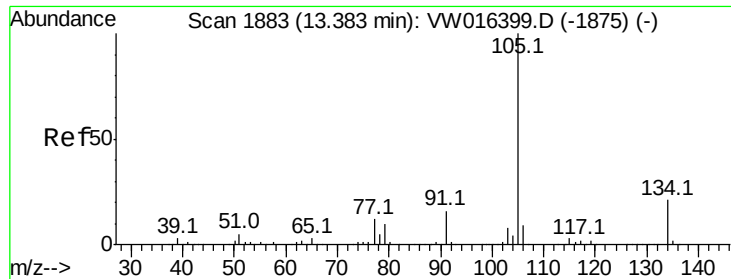
Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Tgt Ion:105 Resp: 167301

Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.1	66.1

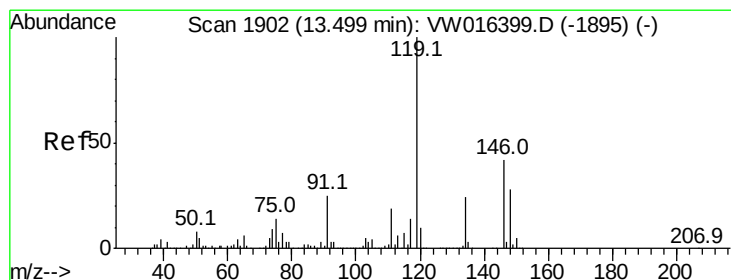
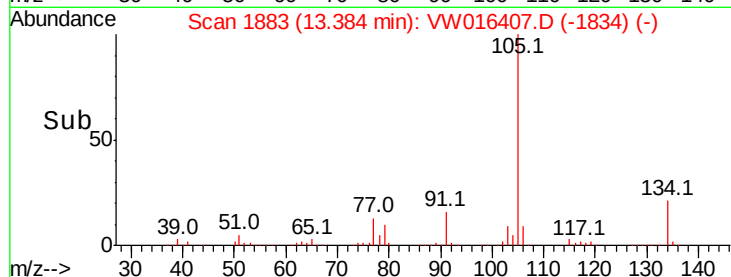
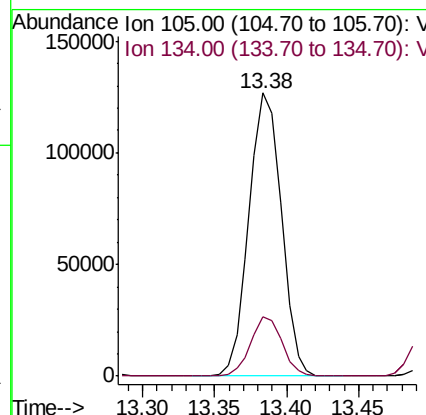
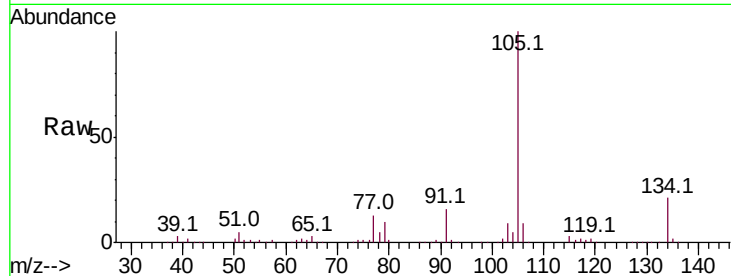




#85
 sec-Butylbenzene
 Concen: 21.224 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

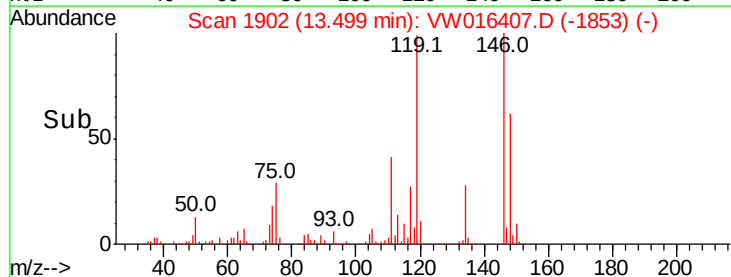
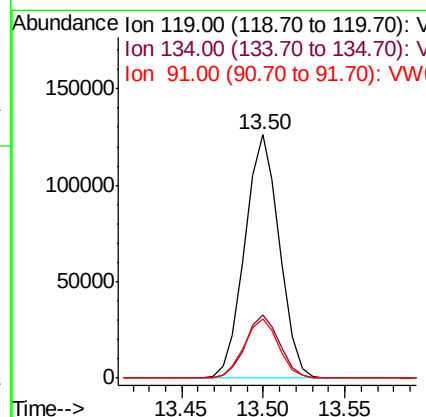
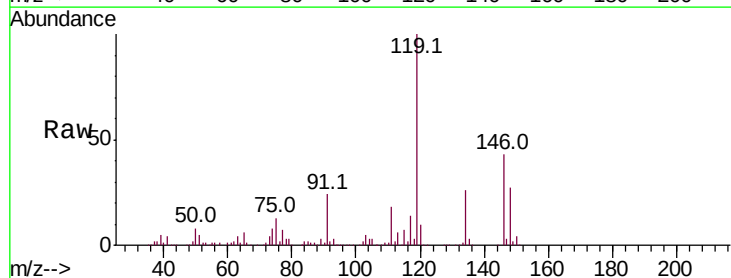
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0831SBSD01

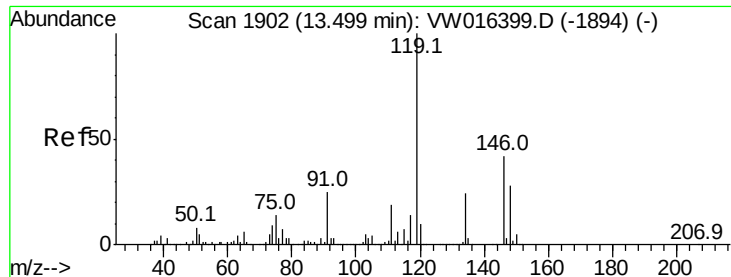
Tot Ion:105 Resp: 197975
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 21.446 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Tgt Ion:119 Resp: 186756
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.6
 91 24.3 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 21.114 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW0831SBS01

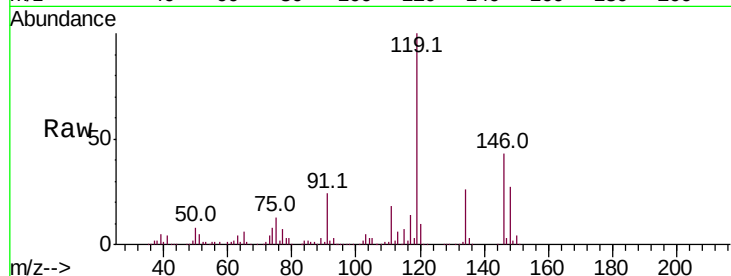
Tot Ion:146 Resp: 86136

Ion Ratio Lower Upper

146 100

111 42.0 22.6 67.8

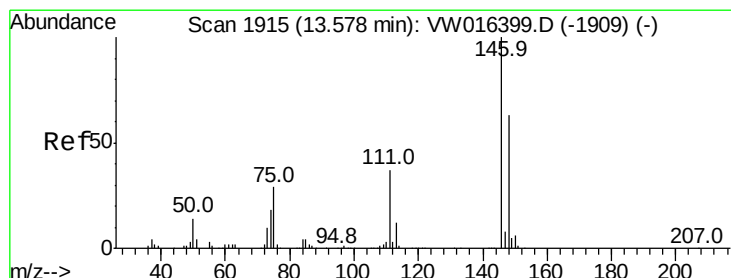
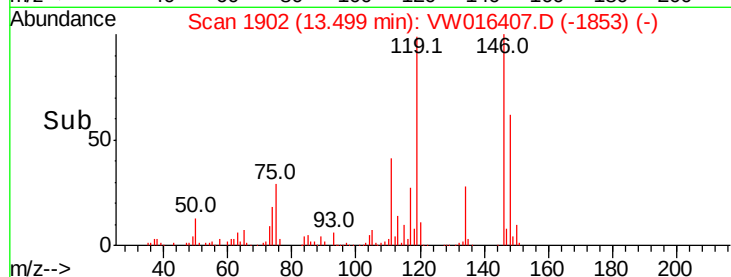
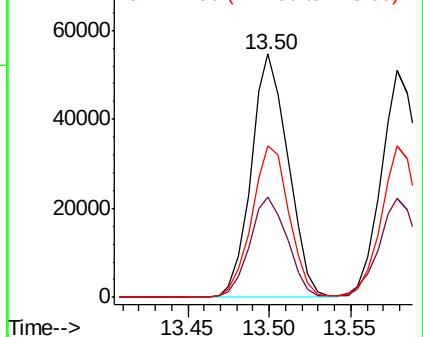
148 63.5 33.6 100.8



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



#88

1,4-Dichlorobenzene

Concen: 19.991 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

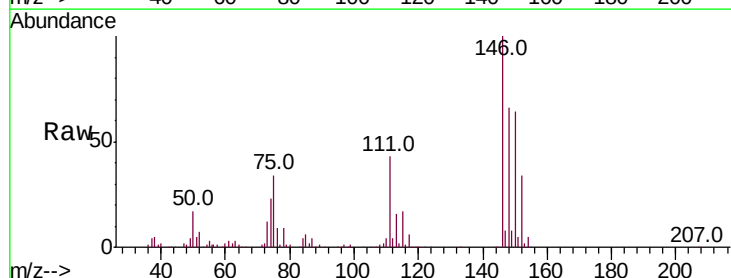
Tgt Ion:146 Resp: 82052

Ion Ratio Lower Upper

146 100

111 44.1 20.4 61.3

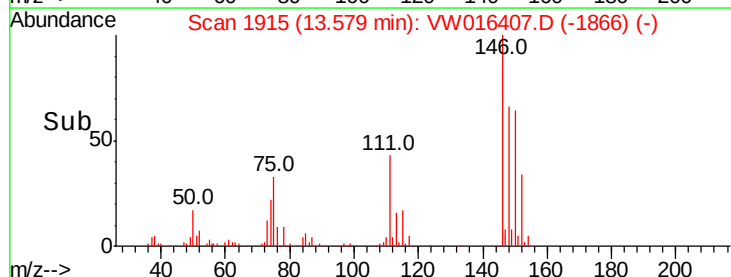
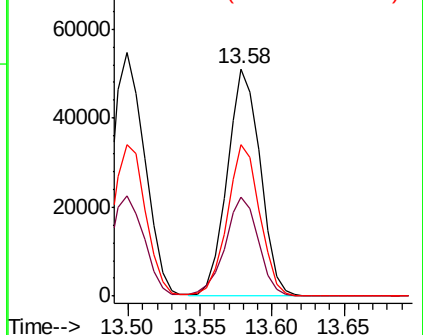
148 65.4 32.0 96.2

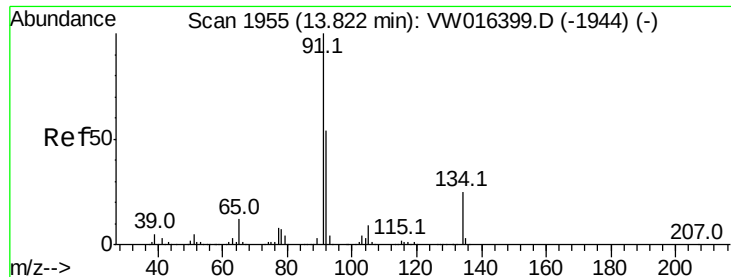


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

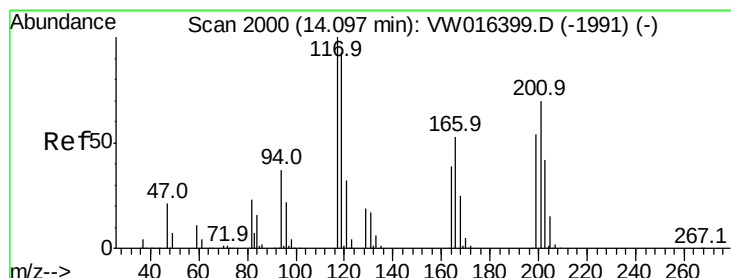
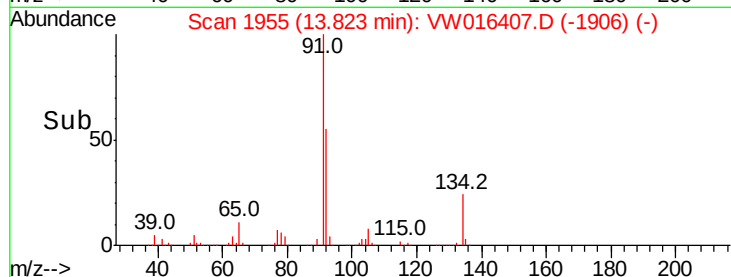
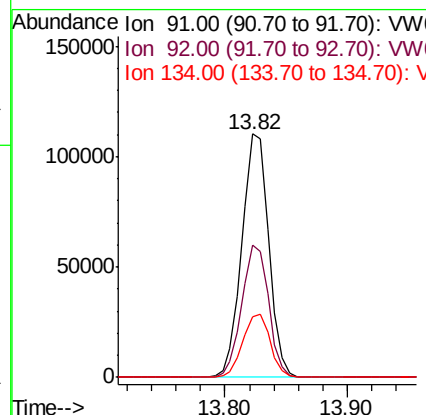
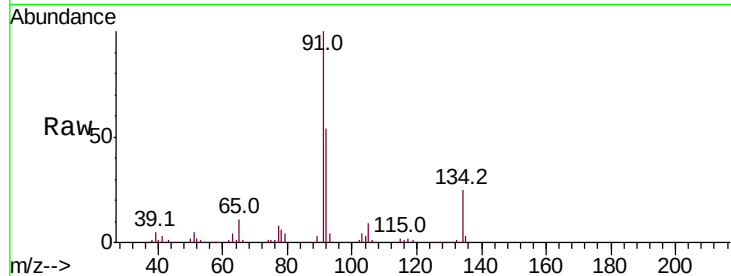




#89
n-Butylbenzene
Concen: 20.876 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

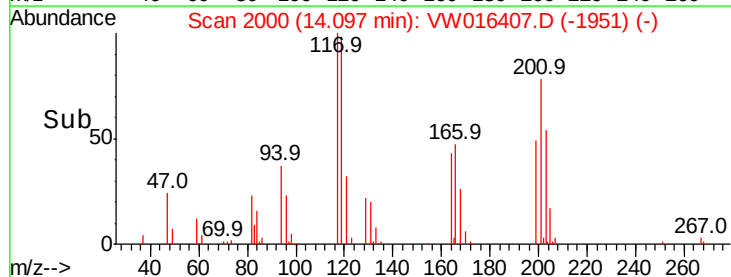
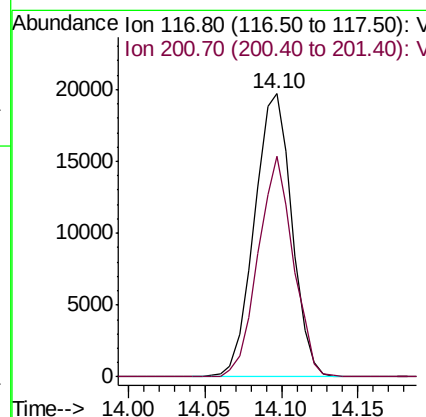
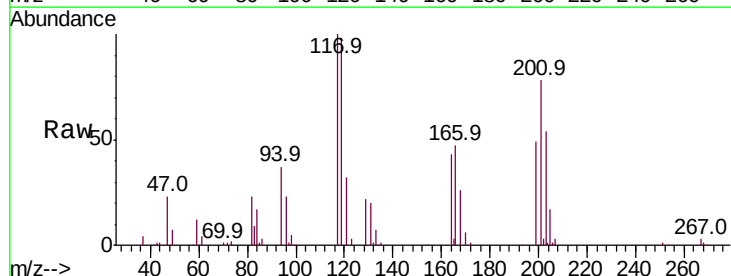
Instrument :
MSVOA_W
ClientSampleId :
VW0831SBSD01

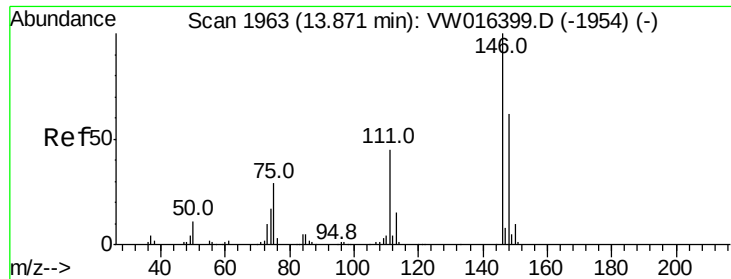
Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	26.8	80.4
134	26.4	13.2	39.6



#90
Hexachloroethane
Concen: 20.531 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW016407.D
Acq: 31 Aug 2020 13:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.2	35.9	107.7

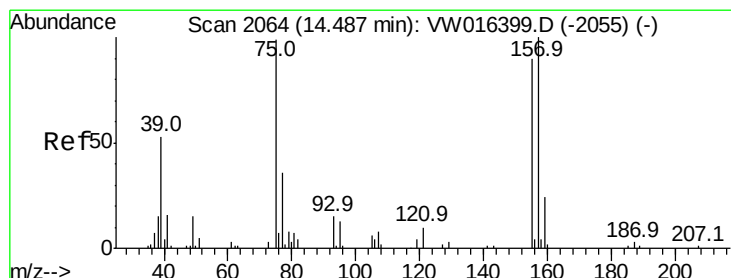
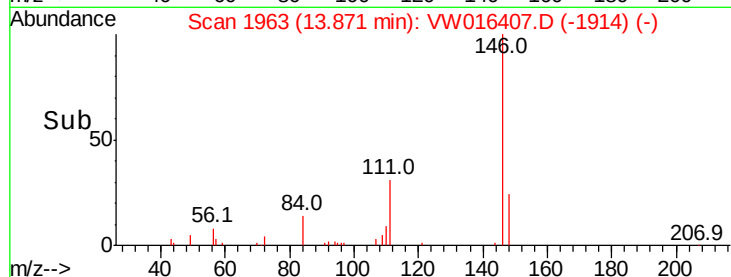
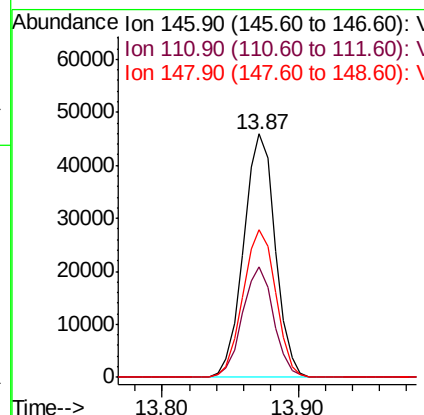
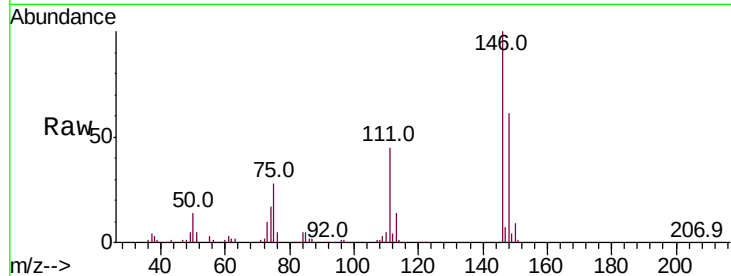




#91
 1,2-Dichlorobenzene
 Concen: 20.444 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

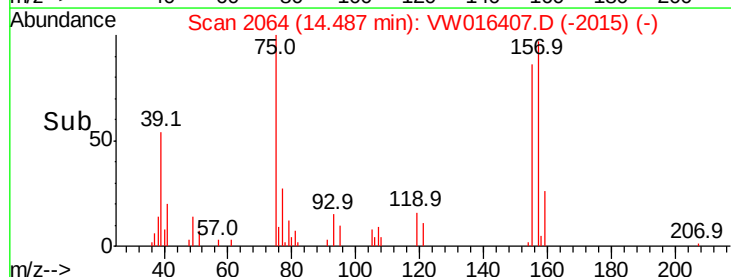
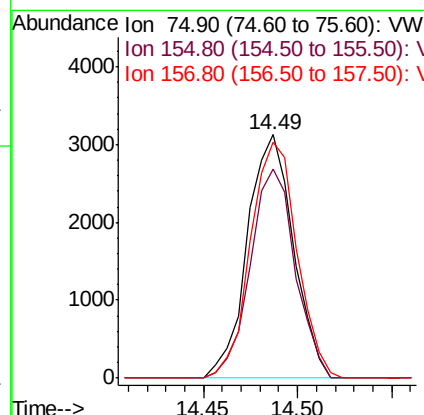
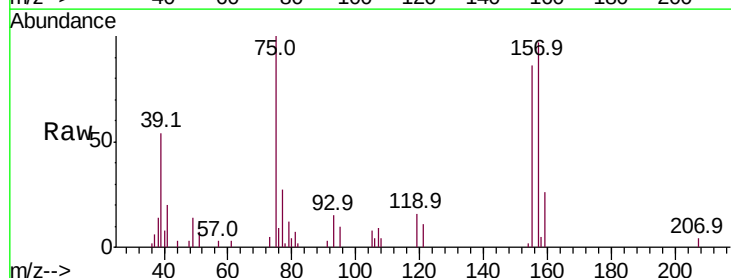
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0831SBSD01

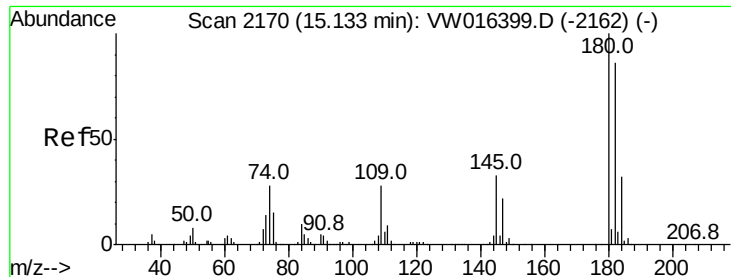
Tot Ion:146 Resp: 74711
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.3 66.8
 148 62.7 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.300 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Tgt Ion: 75 Resp: 5280
 Ion Ratio Lower Upper
 75 100
 155 83.8 41.4 124.4
 157 98.0 52.1 156.4

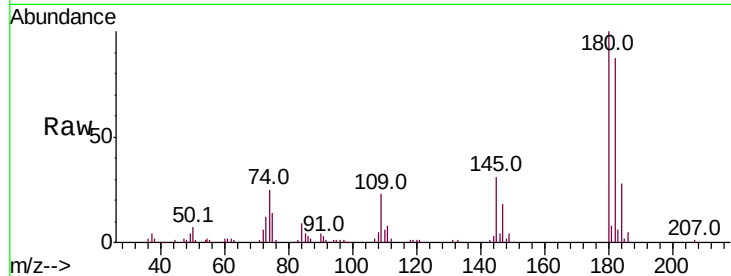




#93
 1,2,4-Trichlorobenzene
 Concen: 19.731 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0831SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	44.9	134.7
145	33.1	17.1	51.2

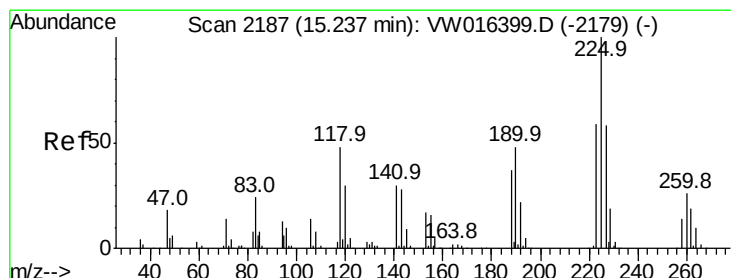
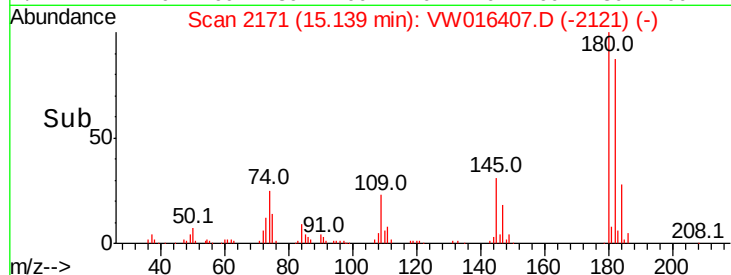
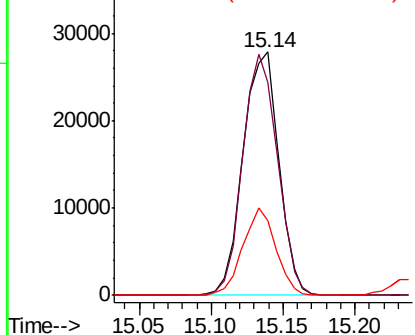


Abundance

Ion 179.80 (179.50 to 180.50): V

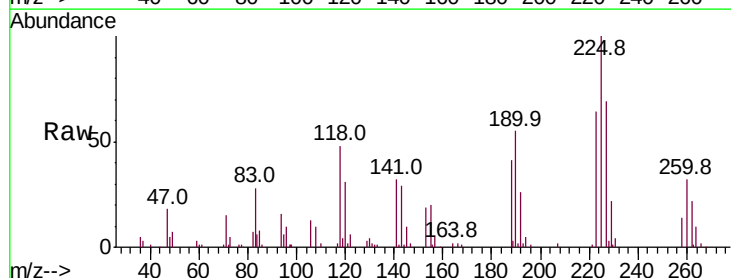
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 21.086 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016407.D
 Acq: 31 Aug 2020 13:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	30.5	91.5
227	63.7	30.7	92.1

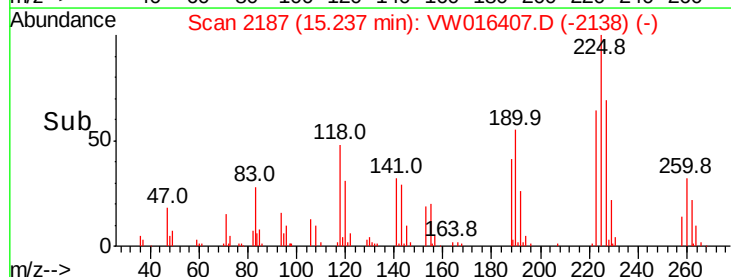
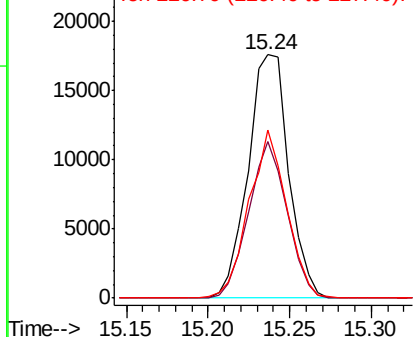


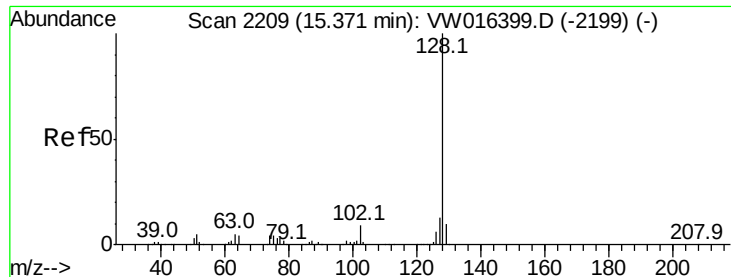
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.214 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW0831SBS01

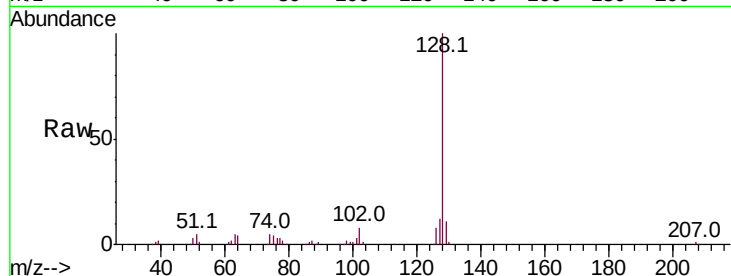
Tot Ion:128 Resp: 81769

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

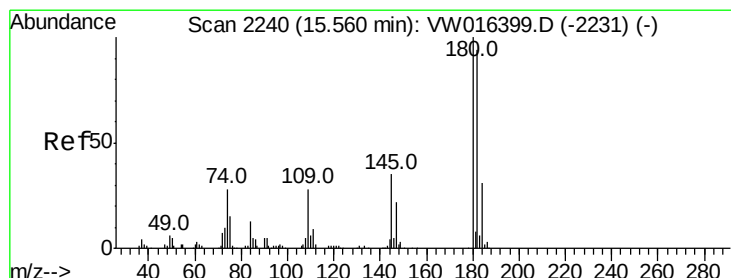
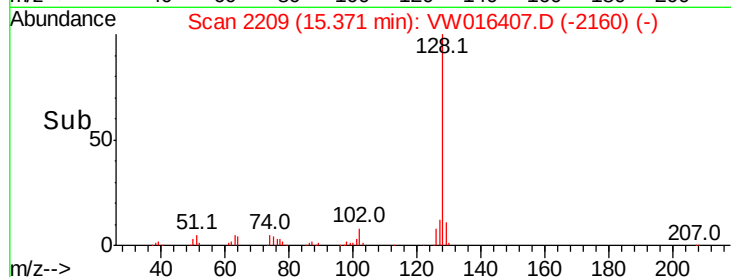
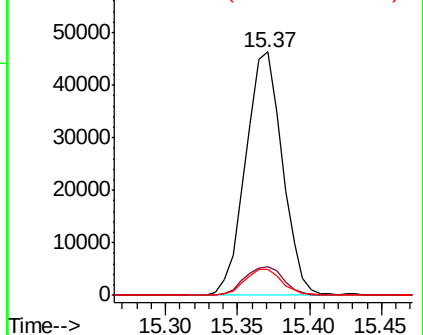
129 11.0 8.3 12.5



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: 19.350 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW016407.D

Acq: 31 Aug 2020 13:27

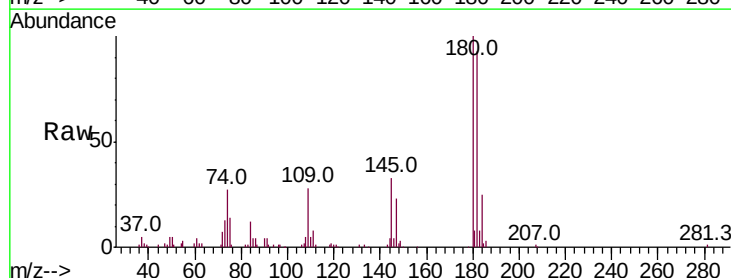
Tgt Ion:180 Resp: 41131

Ion Ratio Lower Upper

180 100

182 96.9 46.5 139.5

145 35.8 18.1 54.3



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

