

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101020\
 Data File : VV018825.D
 Acq On : 10 Oct 2020 11:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05083

Quant Time: Oct 12 04:45:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 09 23:43:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	333128	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	322618	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	181800	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	130813	43.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.44%
7) Chloroethane-d5	1.58	69	104713	42.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.96%
11) 1,1-Dichloroethene-d2	2.12	63	258109	44.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.46%
21) 2-Butanone-d5	3.90	46	193115	103.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.91%
24) Chloroform-d	4.37	84	241402	45.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.05	65	156732	43.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.60%
32) Benzene-d6	5.07	84	445124	42.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.74%
36) 1,2-Dichloropropane-d6	6.09	67	155983	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.14%
41) Toluene-d8	7.33	98	444013	48.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.36%
43) trans-1,3-Dichloropropene-	7.64	79	78934	47.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.40%
47) 2-Hexanone-d5	8.10	63	115217	97.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.10%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	171453	44.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.04%
64) 1,2-Dichlorobenzene-d4	11.65	152	177694	44.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.32%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	142754	66.387	ug/L 100
3) Chloromethane	1.25	50	161306	57.178	ug/L 100
5) Vinyl chloride	1.32	62	159316	54.164	ug/L 99
6) Bromomethane	1.53	94	96474	55.656	ug/L 99
8) Chloroethane	1.59	64	98158	50.970	ug/L 97
9) Trichlorofluoromethane	1.76	101	220019	51.163	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	118479	49.480	ug/L 99
12) 1,1-Dichloroethene	2.13	96	114850	49.814	ug/L 96
13) Acetone	2.18	43	184622	119.185	ug/L 100
14) Carbon disulfide	2.31	76	373399	54.712	ug/L 100
15) Methyl Acetate	2.44	43	151695	50.129	ug/L 100
16) Methylene chloride	2.52	84	134869	47.519	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	123092	50.580	ug/L 97
18) Methyl tert-butyl Ether	2.78	73	408501	50.058	ug/L 99
19) 1,1-Dichloroethane	3.21	63	226834	47.494	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	133157	51.772	ug/L 100
22) 2-Butanone	3.98	43	223367	123.063	ug/L 97

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

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05083

Quant Time: Oct 12 04:45:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 09 23:43:53 2020
 Response via : Initial Calibration

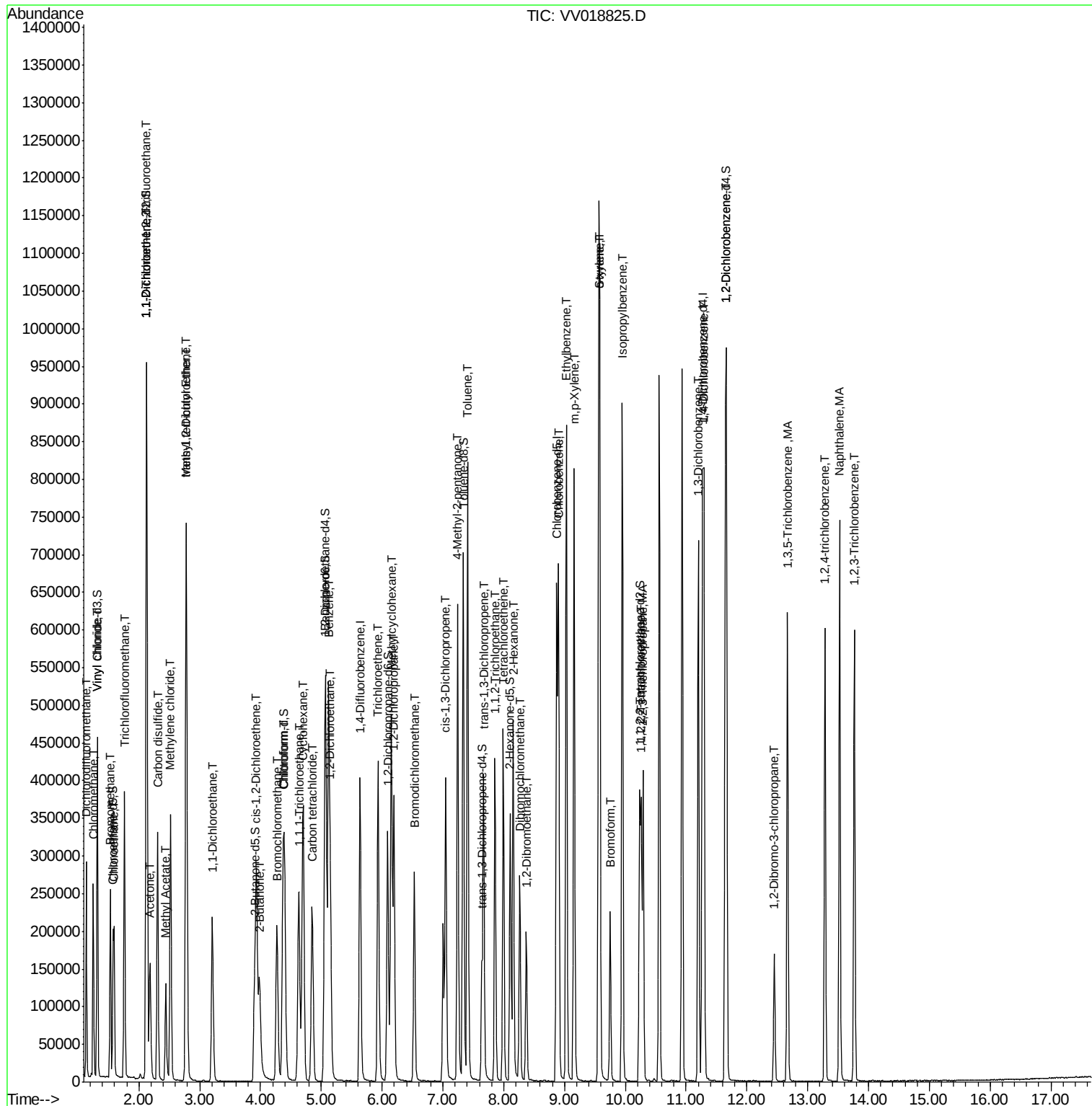
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	68298	51.219	ug/L	98
25) Chloroform	4.40	83	237902	48.534	ug/L	98
27) 1,2-Dichloroethane	5.15	62	192839	48.356	ug/L	97
29) Cyclohexane	4.70	56	202652	51.869	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	202563	47.109	ug/L	100
31) Carbon tetrachloride	4.85	117	173795	47.956	ug/L	98
33) Benzene	5.12	78	493742	48.239	ug/L	100
34) Trichloroethene	5.94	95	144400	49.019	ug/L	99
35) Methylcyclohexane	6.15	83	196174	54.425	ug/L	98
37) 1,2-Dichloropropane	6.19	63	145068	51.598	ug/L	100
38) Bromodichloromethane	6.53	83	185556	51.968	ug/L	99
39) cis-1,3-Dichloropropene	7.04	75	229870	57.874	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	419619	114.848	ug/L	99
42) Toluene	7.41	91	571518	54.363	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	221882	54.515	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	124951	49.483	ug/L	97
46) Tetrachloroethene	7.99	164	102195	47.337	ug/L	99
48) 2-Hexanone	8.15	43	301357	104.482	ug/L	99
49) Dibromochloromethane	8.26	129	133514	48.375	ug/L	99
50) 1,2-Dibromoethane	8.37	107	128083	49.594	ug/L	99
51) Chlorobenzene	8.90	112	336992	48.296	ug/L	99
52) Ethylbenzene	9.03	91	581824	48.735	ug/L	100
53) m,p-Xylene	9.16	106	216475	49.398	ug/L	99
54) o-xylene	9.56	106	206139	49.527	ug/L	99
55) Styrene	9.58	104	374125	50.785	ug/L	100
56) Isopropylbenzene	9.95	105	555709	48.254	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	170226	48.327	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	158832	47.477	ug/L	100
61) Bromoform	9.75	173	97434	48.304	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	276336	46.623	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	295950	48.001	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	293719	49.361	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	41387	50.422	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	192096	50.037	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	175842	48.710	ug/L	100
69) Naphthalene	13.52	128	539312	53.022	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	179958	50.217	ug/L	99

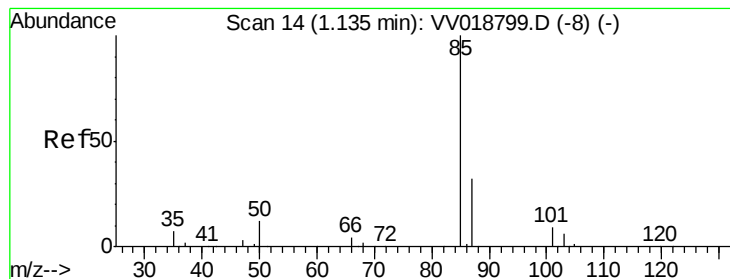
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV101020\  
Data File : VV018825.D  
Acq On    : 10 Oct 2020  11:17  
Operator  : SY/MD  
Sample    : VSTDCCC050  
Misc      : 5.0mL/MSVOA V/WATER  
ALS Vial  : 2    Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

Quant Time: Oct 12 04:45:18 2020
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Quant Title : VOC Analysis
QLast Update : Fri Oct 09 23:43:53 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 66.387 ug/L

RT: 1.14 min Scan# 14

Delta R.T. 0.00 min

Lab File: VV018825.D

Acq: 10 Oct 2020 11:17

Instrument :

MSVOA_V

ClientSampleId :

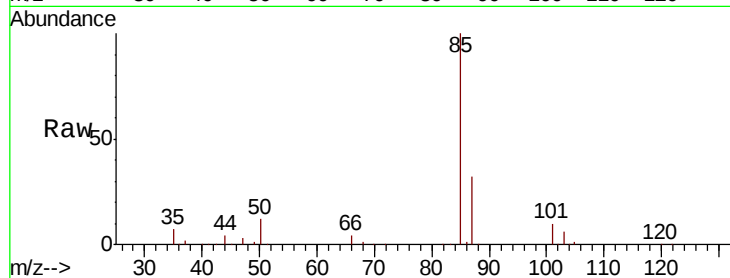
VSTD05083

Tot Ion: 85 Resp: 142754

Ion Ratio Lower Upper

85 100

87 31.9 25.5 38.3



Abundance Ion 85.00 (84.70 to 85.70): VV018799.D (-8) (-)

Ion 87.00 (86.70 to 87.70): VV018799.D (-8) (-)

1.14

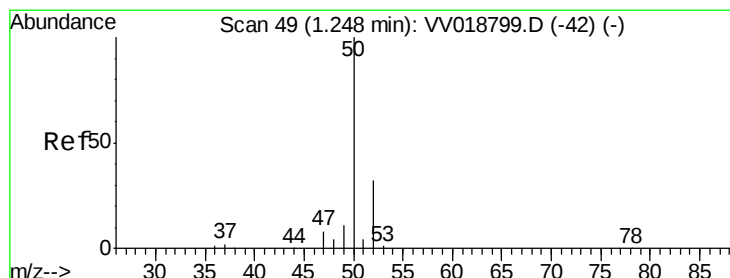
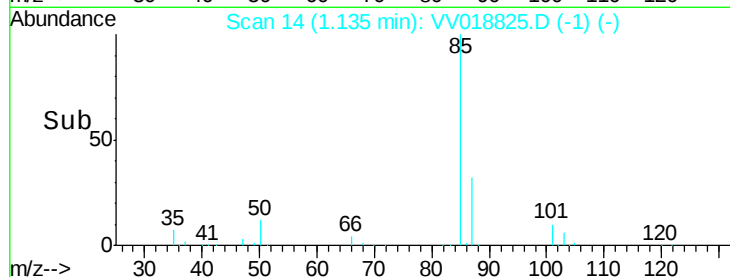
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 57.178 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV018825.D

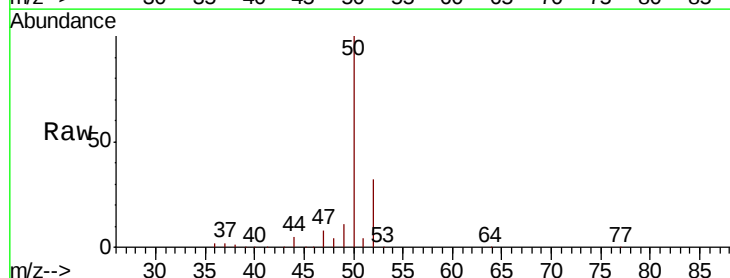
Acq: 10 Oct 2020 11:17

Tgt Ion: 50 Resp: 161306

Ion Ratio Lower Upper

50 100

52 32.3 22.7 42.1



Abundance Ion 50.00 (49.70 to 50.70): VV018799.D (-42) (-)

Ion 52.00 (51.70 to 52.70): VV018799.D (-42) (-)

1.25

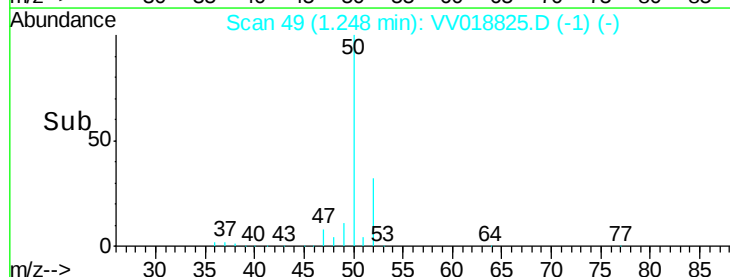
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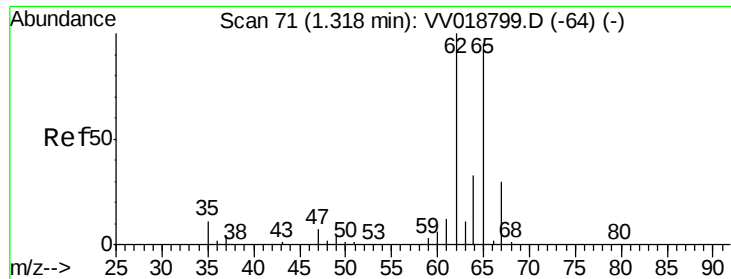
100000

50000

0

Time-->





#5

Vinyl chloride

Concen: 54.164 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV018825.D

Acq: 10 Oct 2020 11:17

Instrument :

MSVOA_V

ClientSampleId :

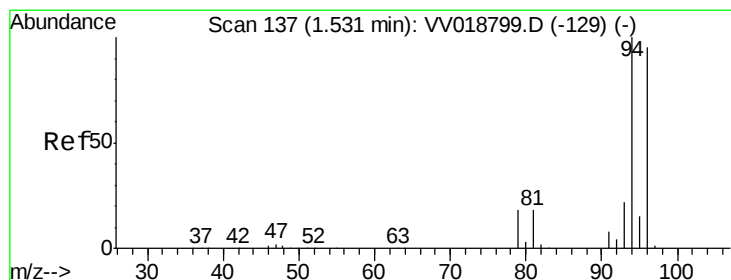
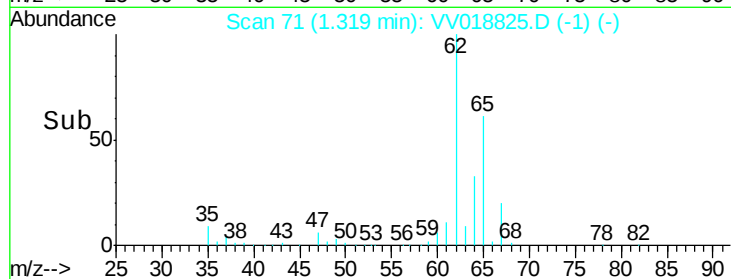
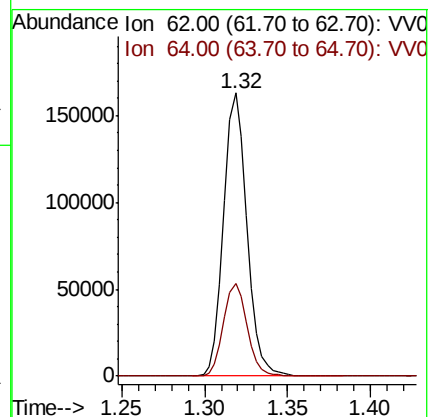
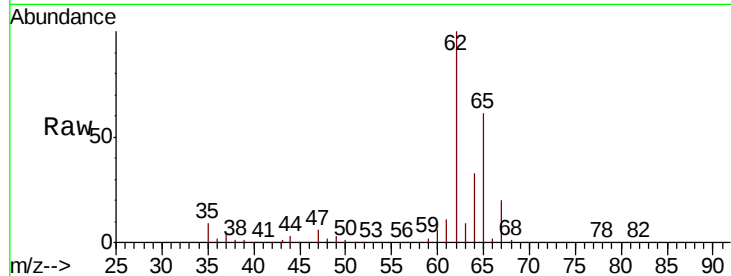
VSTD05083

Tot Ion: 62 Resp: 159316

Ion Ratio Lower Upper

62 100

64 32.7 23.2 43.0



#6

Bromomethane

Concen: 55.656 ug/L

RT: 1.53 min Scan# 137

Delta R.T. 0.00 min

Lab File: VV018825.D

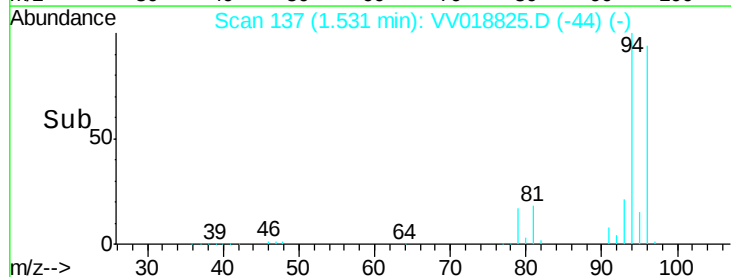
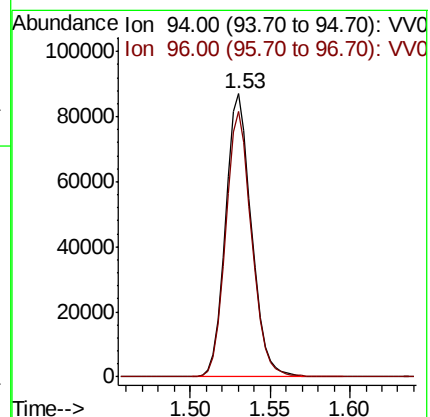
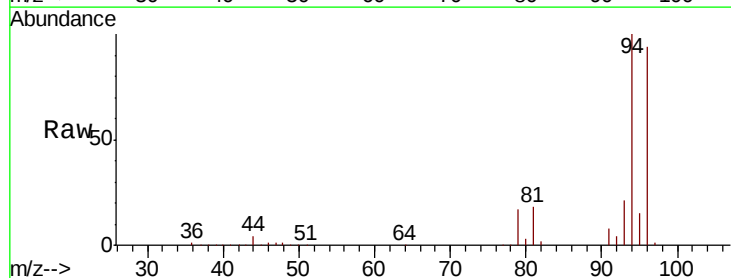
Acq: 10 Oct 2020 11:17

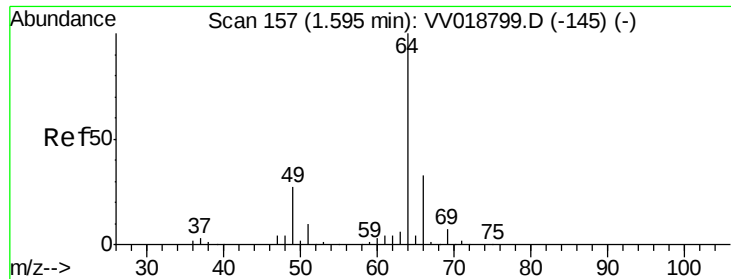
Tgt Ion: 94 Resp: 96474

Ion Ratio Lower Upper

94 100

96 93.7 66.2 123.0





#8

Chloroethane

Concen: 50.970 ug/L

RT: 1.59 min Scan# 156

Delta R.T. -0.00 min

Lab File: VV018825.D

Acq: 10 Oct 2020 11:17

Instrument :

MSVOA_V

ClientSampleId :

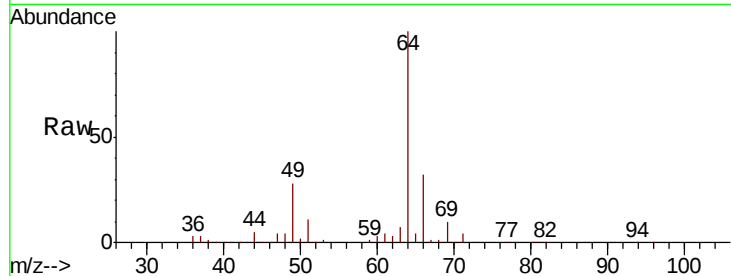
VSTD05083

Tot Ion: 64 Resp: 98158

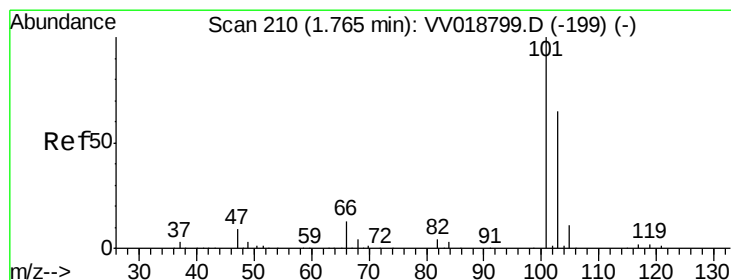
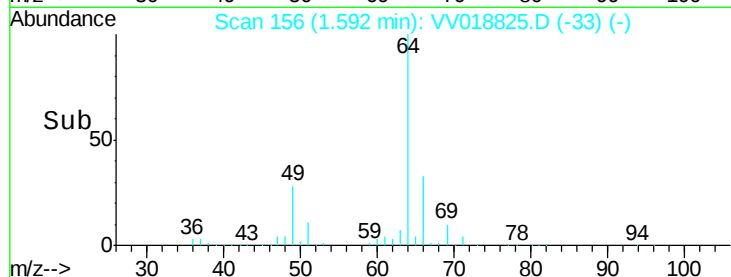
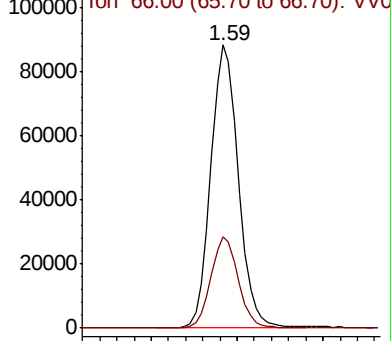
Ion Ratio Lower Upper

64 100

66 32.5 21.7 40.3



Abundance Ion 64.00 (63.70 to 64.70): VV018799.D (-145) (-)



#9

Trichlorofluoromethane

Concen: 51.163 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

Lab File: VV018825.D

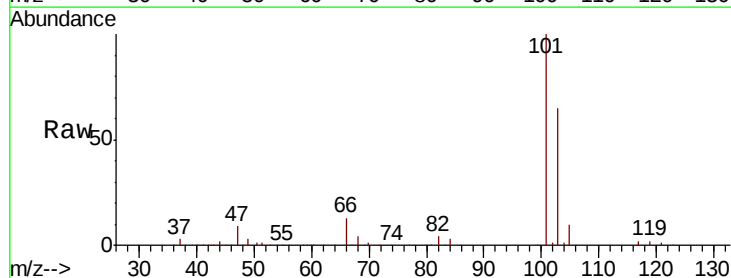
Acq: 10 Oct 2020 11:17

Tgt Ion:101 Resp: 220019

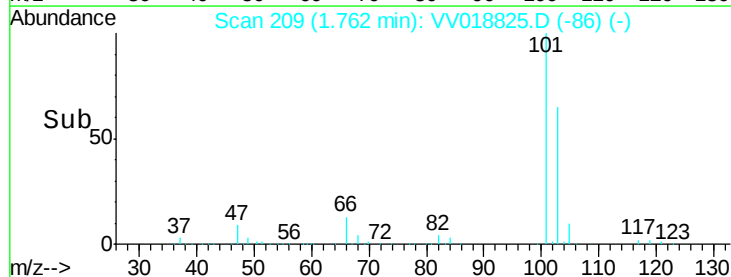
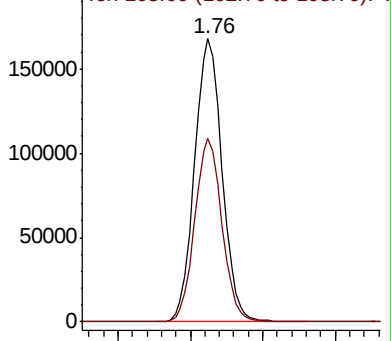
Ion Ratio Lower Upper

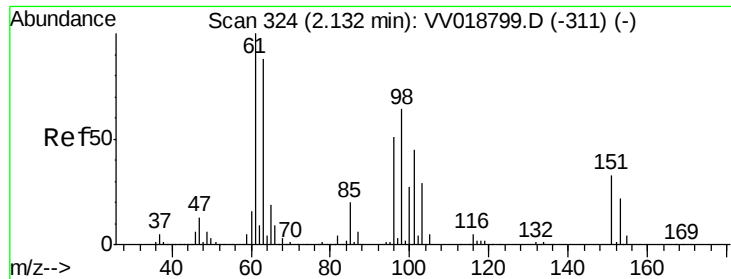
101 100

103 64.2 51.6 77.4



Abundance Ion 101.00 (100.70 to 101.70): VV018799.D (-199) (-)





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 49.480 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV018825.D

Acq: 10 Oct 2020 11:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD05083

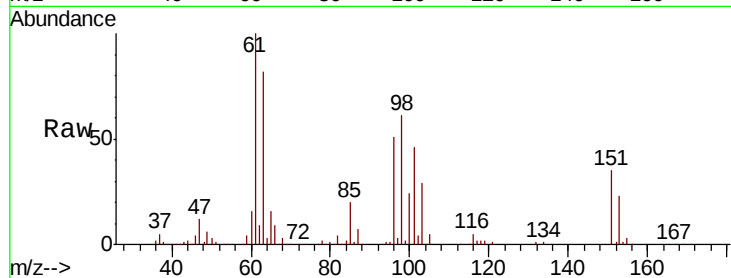
Tot Ion:101 Resp: 118479

Ion Ratio Lower Upper

101 100

85 44.4 35.9 53.9

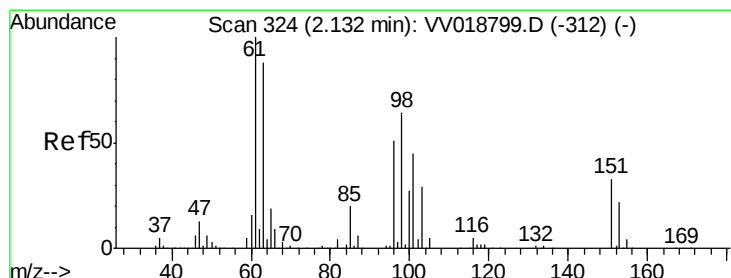
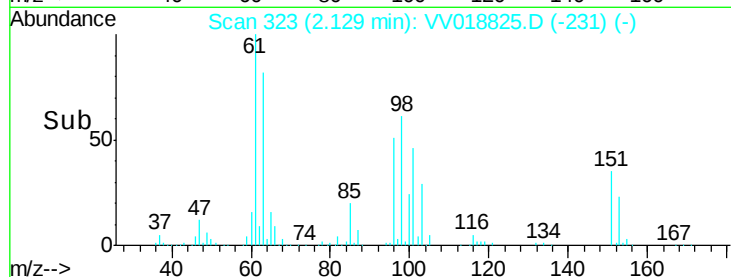
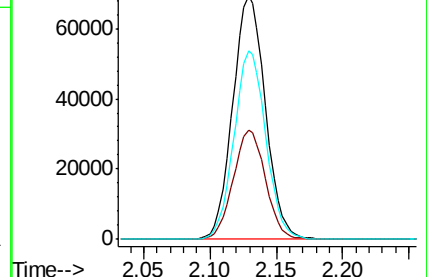
151 75.5 59.8 89.8



Abundance Ion 101.00 (100.70 to 101.70): VV018825.D (-231) (-)

Ion 85.00 (84.70 to 85.70): VV018825.D (-231) (-)

Ion 151.00 (150.70 to 151.70): VV018825.D (-231) (-)



#12

1,1-Dichloroethene

Concen: 49.814 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV018825.D

Acq: 10 Oct 2020 11:17

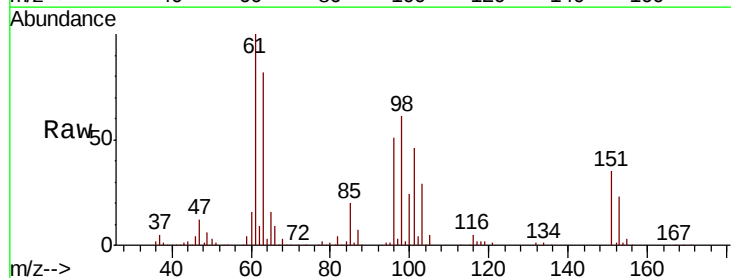
Tgt Ion: 96 Resp: 114850

Ion Ratio Lower Upper

96 100

61 196.1 133.6 248.0

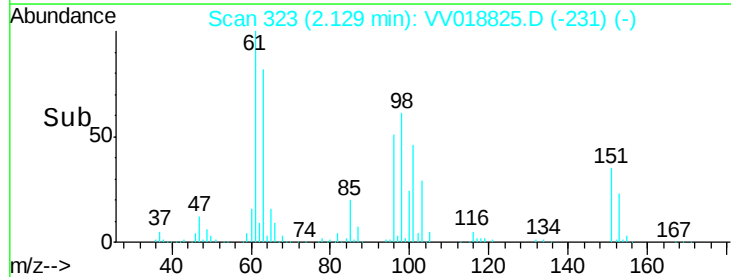
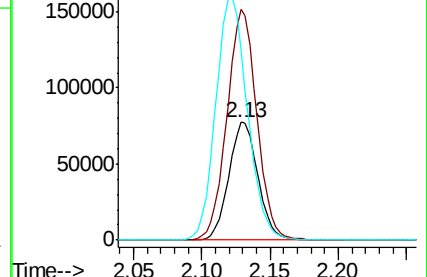
63 160.6 108.4 201.4

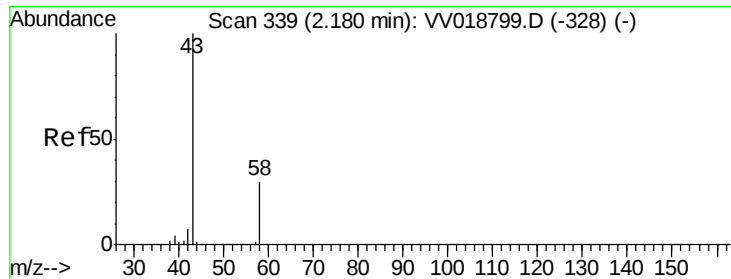


Abundance Ion 96.00 (95.70 to 96.70): VV018825.D (-231) (-)

Ion 61.00 (60.70 to 61.70): VV018825.D (-231) (-)

Ion 63.00 (62.70 to 63.70): VV018825.D (-231) (-)





#13

Acetone

Concen: 119.185 ug/L

RT: 2.18 min Scan# 339

Delta R.T. 0.00 min

Lab File: VV018825.D

Acq: 10 Oct 2020 11:17

Instrument :

MSVOA_V

ClientSampleId :

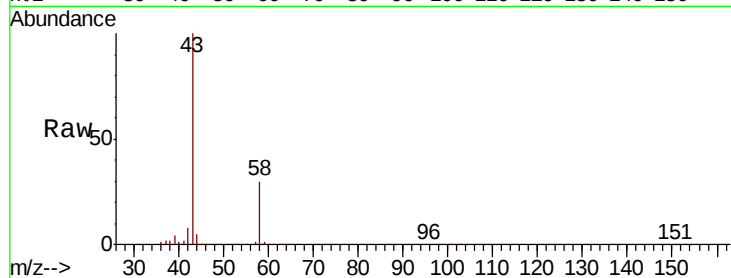
VSTD05083

Tot Ion: 43 Resp: 184622

Ion Ratio Lower Upper

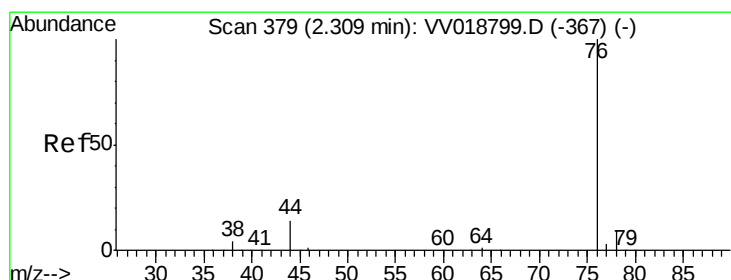
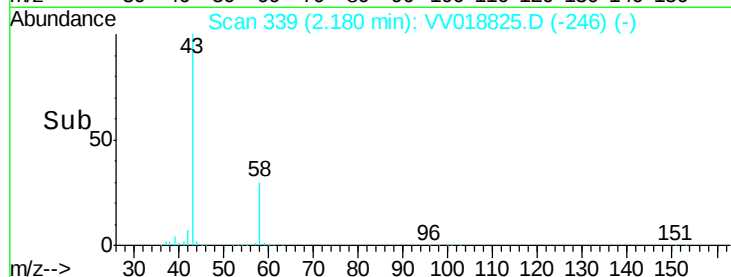
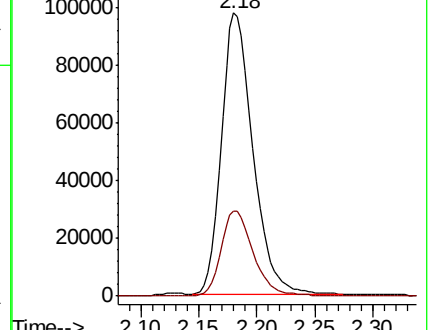
43 100

58 30.6 0.0 61.0



Abundance Ion 43.00 (42.70 to 43.70): VV018799.D (-328) (-)

Ion 58.00 (57.70 to 58.70): VV018799.D (-328) (-)



#14

Carbon disulfide

Concen: 54.712 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV018825.D

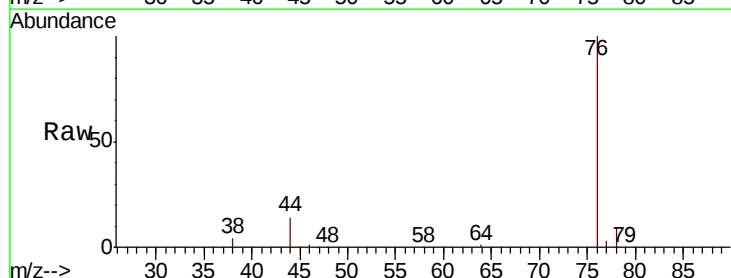
Acq: 10 Oct 2020 11:17

Tgt Ion: 76 Resp: 373399

Ion Ratio Lower Upper

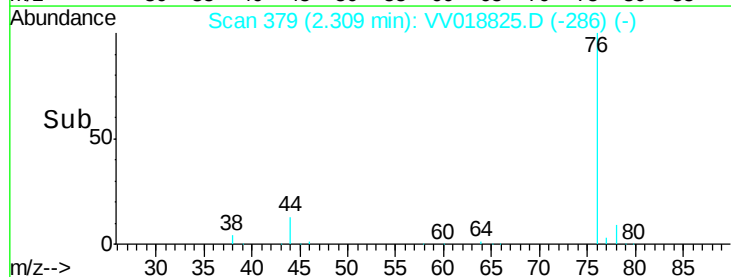
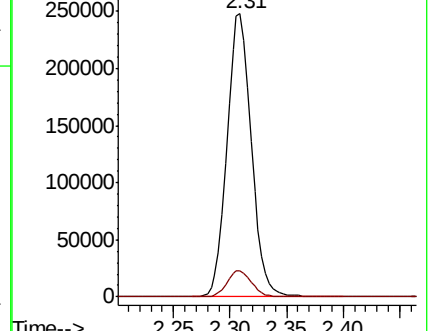
76 100

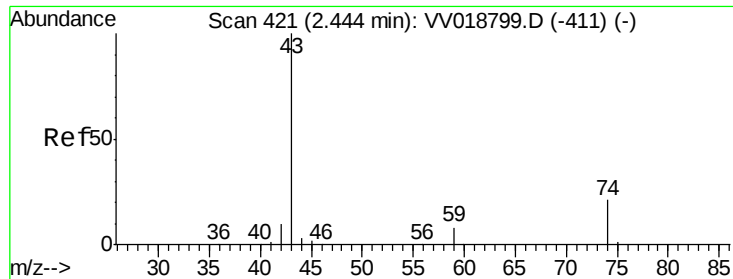
78 9.2 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VV018799.D (-367) (-)

Ion 78.00 (77.70 to 78.70): VV018799.D (-367) (-)

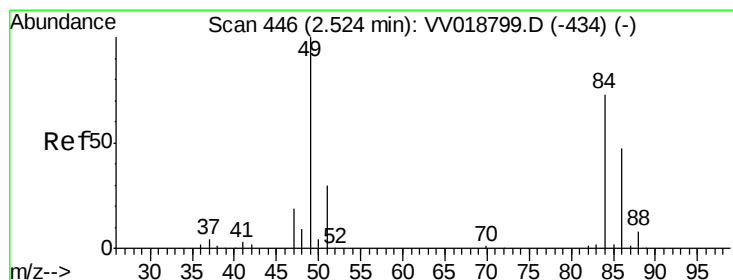
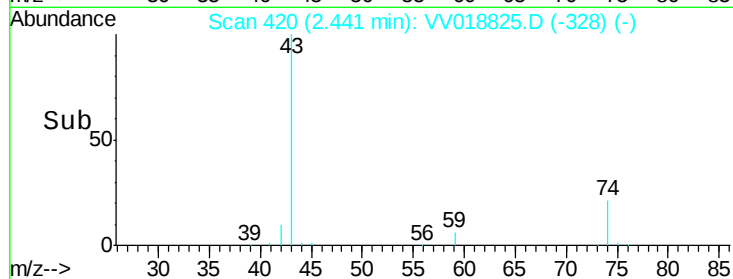
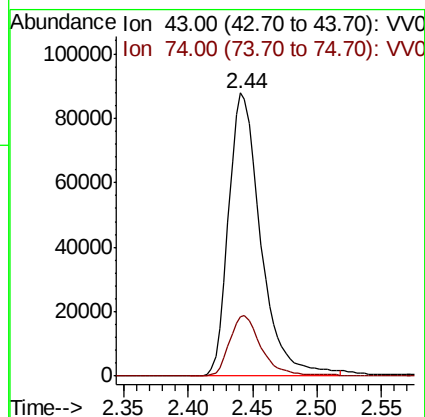
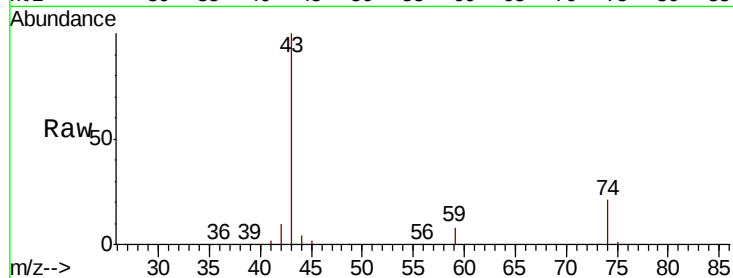




#15
Methvl Acetate
Concen: 50.129 ug/L
RT: 2.44 min Scan# 420
Delta R.T. -0.00 min
Lab File: VV018825.D
Acq: 10 Oct 2020 11:17

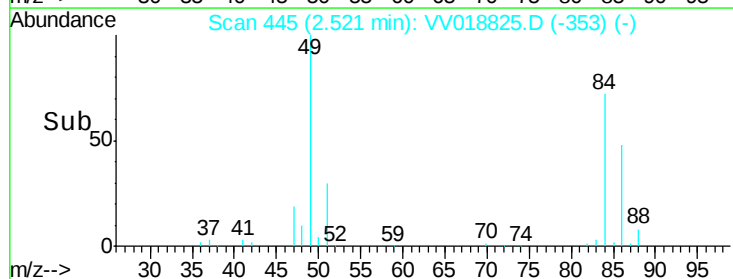
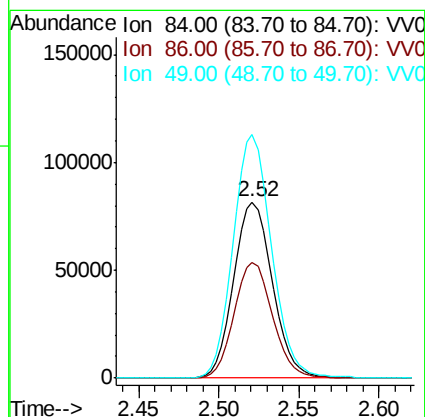
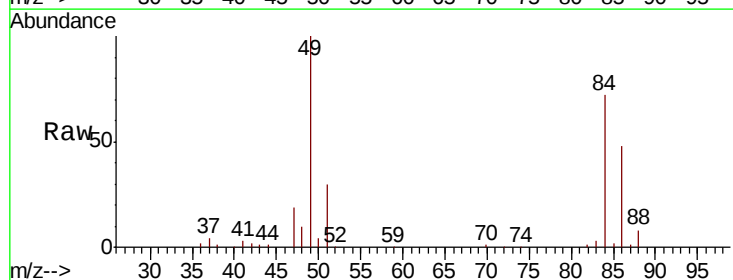
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

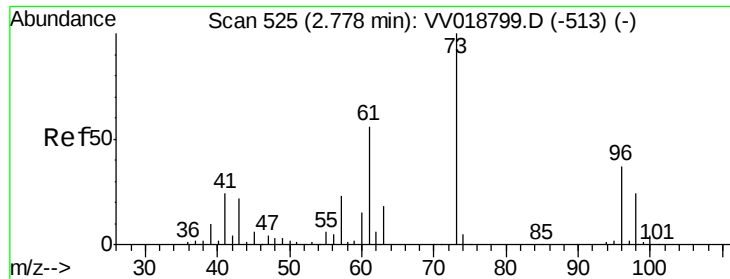
Tot Ion: 43 Resp: 151695
Ion Ratio Lower Upper
43 100
74 21.2 16.9 25.3



#16
Methylene chloride
Concen: 47.519 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.00 min
Lab File: VV018825.D
Acq: 10 Oct 2020 11:17

Tgt Ion: 84 Resp: 134869
Ion Ratio Lower Upper
84 100
86 66.0 45.2 84.0
49 138.3 97.9 181.9

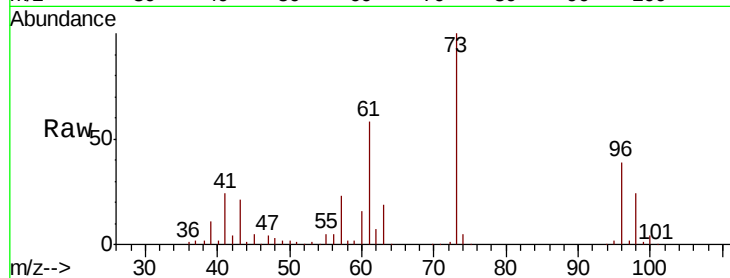




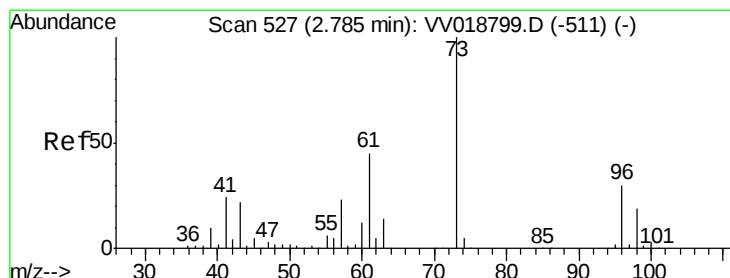
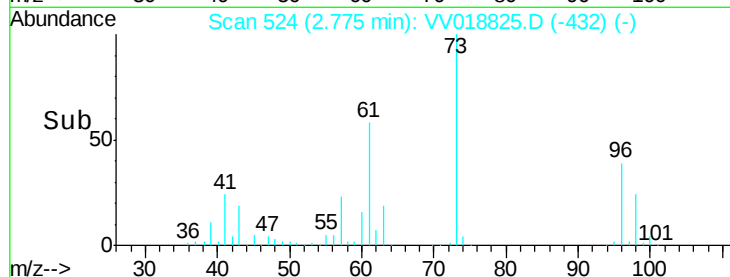
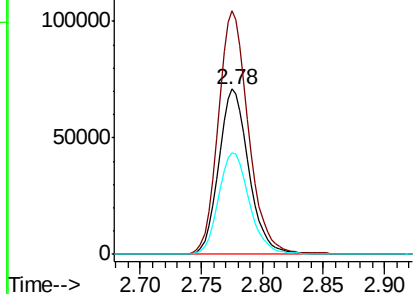
#17
trans-1,2-Dichloroethene
Concen: 50.580 ug/L
RT: 2.78 min Scan# 524
Delta R.T. -0.00 min
Lab File: VV018825.D
Acq: 10 Oct 2020 11:17

Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

Tot Ion: 96 Resp: 123092
Ion Ratio Lower Upper
96 100
61 147.6 105.7 196.3
98 61.9 44.7 83.1

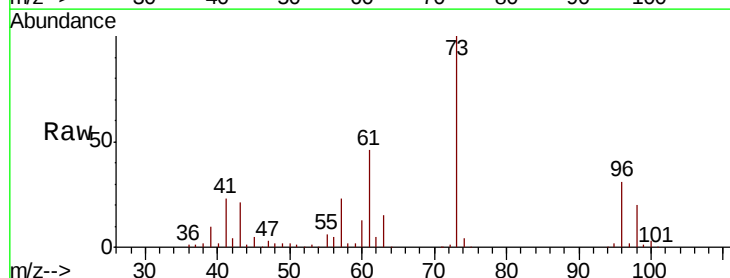


Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

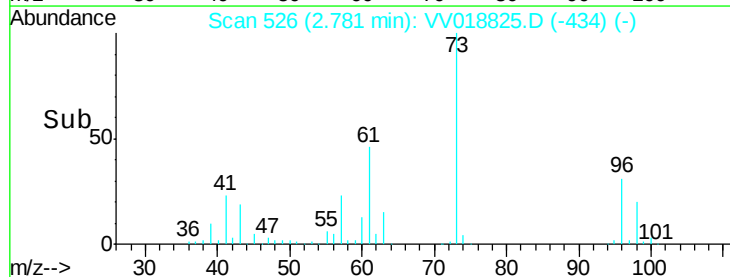
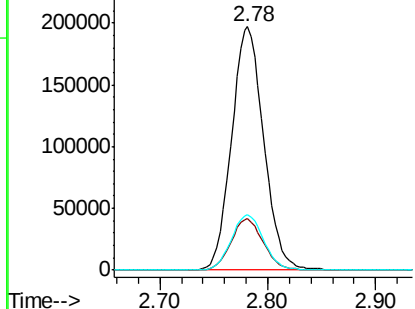


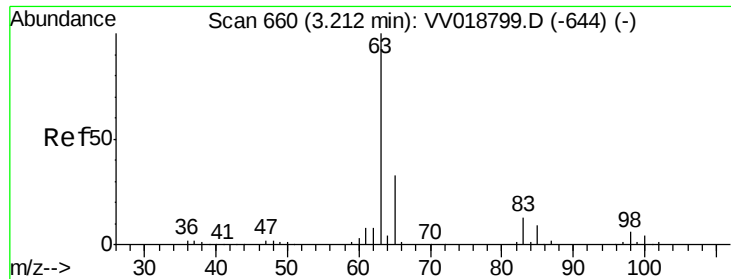
#18
Methyl tert-butyl Ether
Concen: 50.058 ug/L
RT: 2.78 min Scan# 526
Delta R.T. -0.00 min
Lab File: VV018825.D
Acq: 10 Oct 2020 11:17

Tgt Ion: 73 Resp: 408501
Ion Ratio Lower Upper
73 100
43 20.9 17.3 25.9
57 23.0 18.5 27.7



Abundance Ion 73.00 (72.70 to 73.70): VV0
Ion 43.00 (42.70 to 43.70): VV0
Ion 57.00 (56.70 to 57.70): VV0

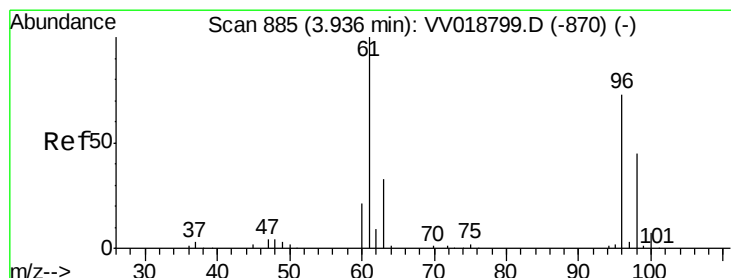
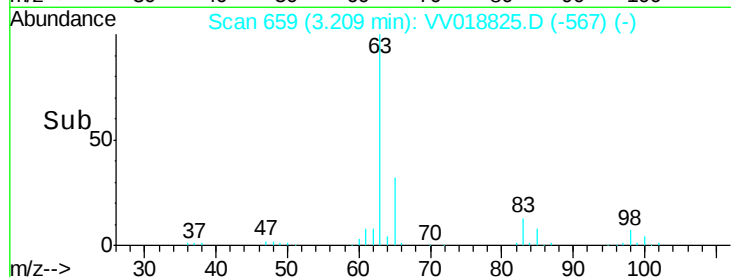
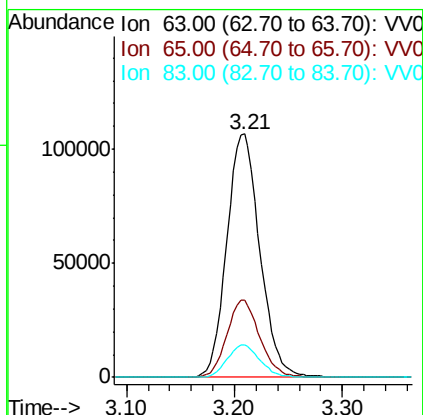
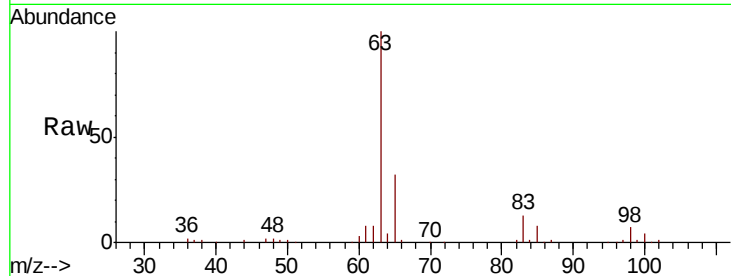




#19
 1,1-Dichloroethane
 Concen: 47.494 ug/L
 RT: 3.21 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VV018825.D
 Acq: 10 Oct 2020 11:17

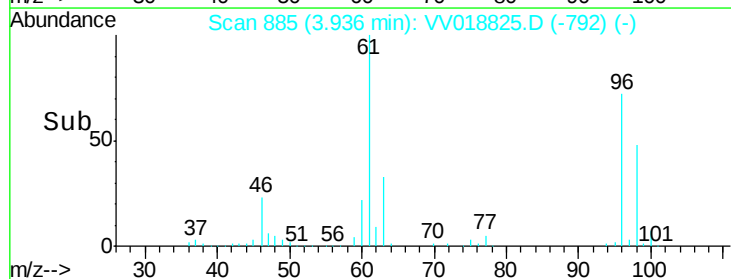
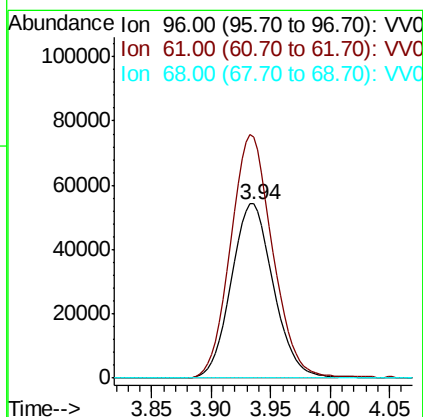
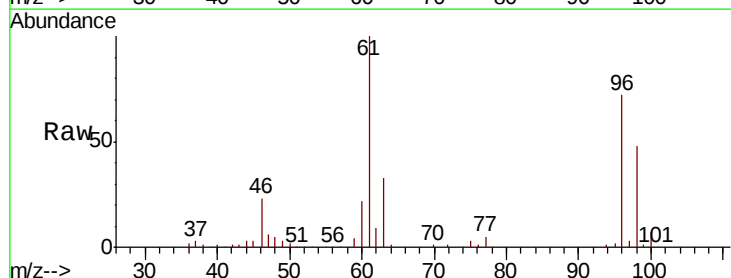
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05083

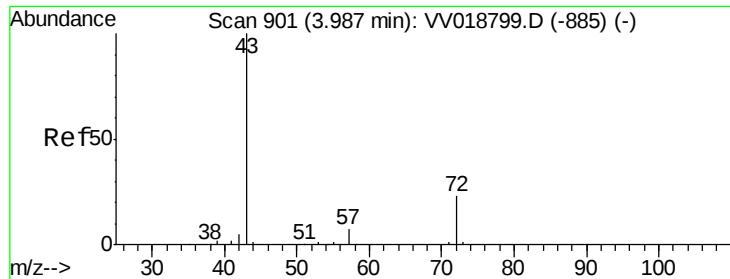
Tot Ion: 63 Resp: 226834
 Ion Ratio Lower Upper
 63 100
 65 31.7 22.0 40.8
 83 13.5 9.2 17.0



#20
 cis-1,2-Dichloroethene
 Concen: 51.772 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV018825.D
 Acq: 10 Oct 2020 11:17

Tgt Ion: 96 Resp: 133157
 Ion Ratio Lower Upper
 96 100
 61 138.5 97.3 180.7
 68 0.0 0.0 0.0





#22

2-Butanone

Concen: 123.063 ug/L

RT: 3.98 min Scan# 899

Delta R.T. -0.01 min

Lab File: VV018825.D

Acq: 10 Oct 2020 11:17

Instrument :

MSVOA_V

ClientSampleId :

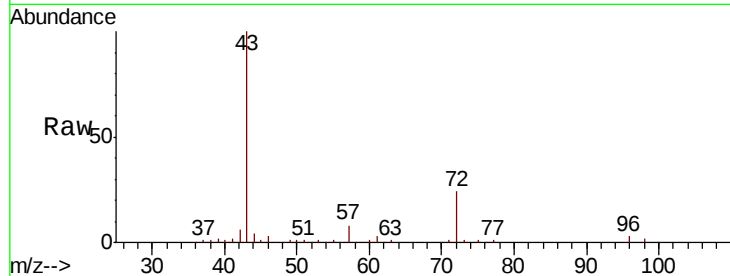
VSTD05083

Tot Ion: 43 Resp: 223367

Ion Ratio Lower Upper

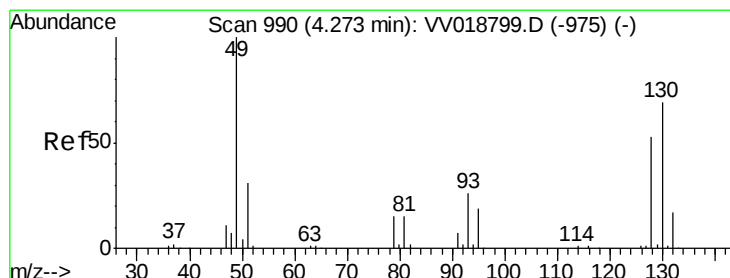
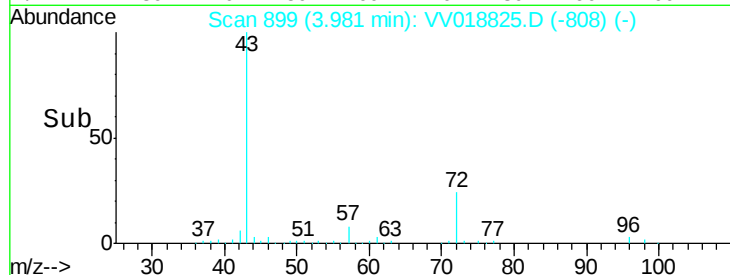
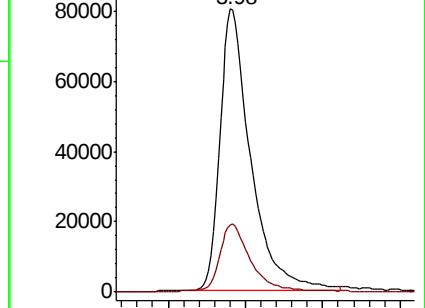
43 100

72 22.4 10.5 31.5



Abundance Ion 43.00 (42.70 to 43.70): VV018825.D (-898) (-)

Ion 72.00 (71.70 to 72.70): VV018825.D (-898) (-)



#23

Bromochloromethane

Concen: 51.219 ug/L

RT: 4.27 min Scan# 989

Delta R.T. -0.00 min

Lab File: VV018825.D

Acq: 10 Oct 2020 11:17

Tgt Ion: 128 Resp: 68298

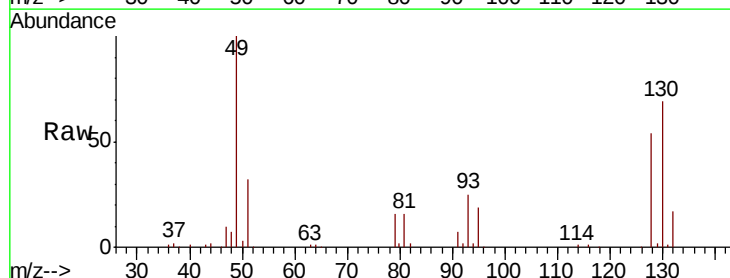
Ion Ratio Lower Upper

128 100

49 186.2 129.7 240.9

130 128.1 86.7 161.1

51 60.1 45.9 68.9

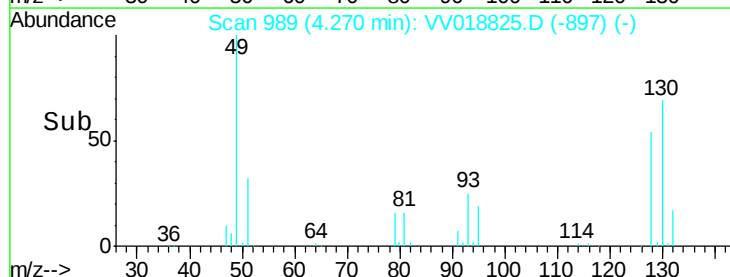
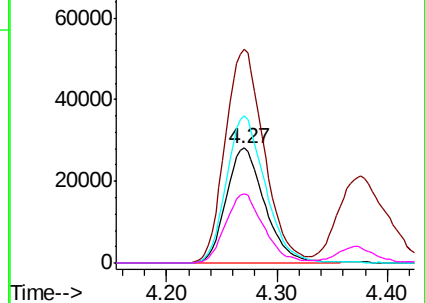


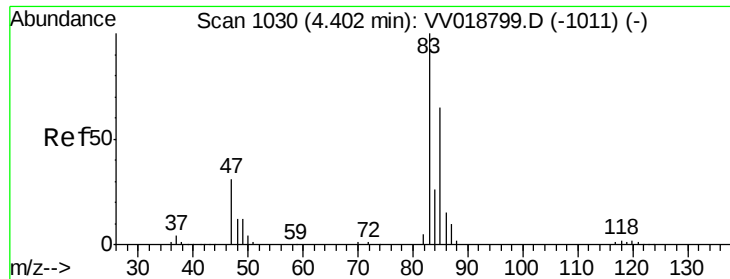
Abundance Ion 128.00 (127.70 to 128.70): VV018825.D (-897) (-)

Ion 49.00 (48.70 to 49.70): VV018825.D (-897) (-)

Ion 130.00 (129.70 to 130.70): VV018825.D (-897) (-)

Ion 51.00 (50.70 to 51.70): VV018825.D (-897) (-)

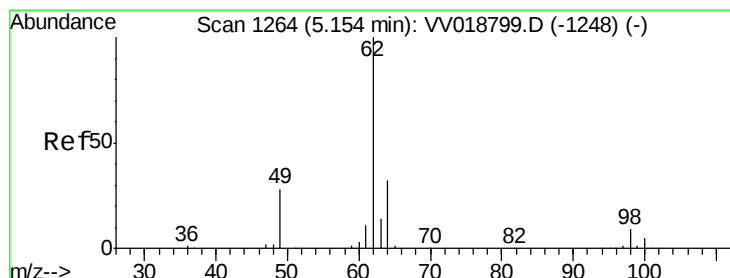
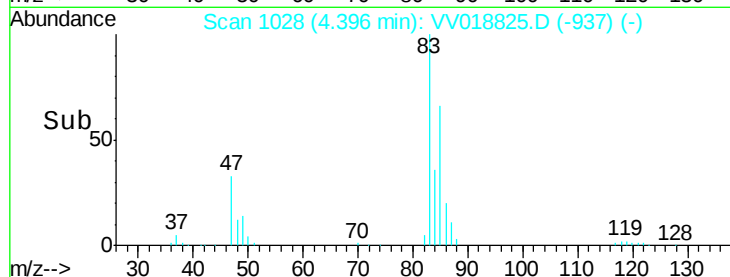
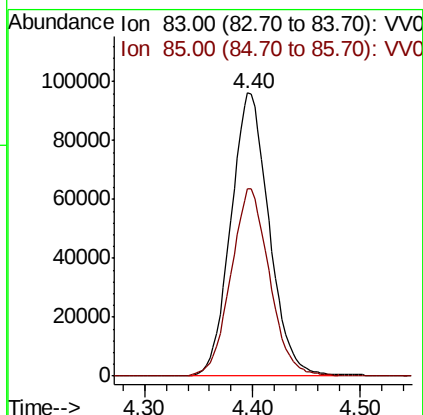
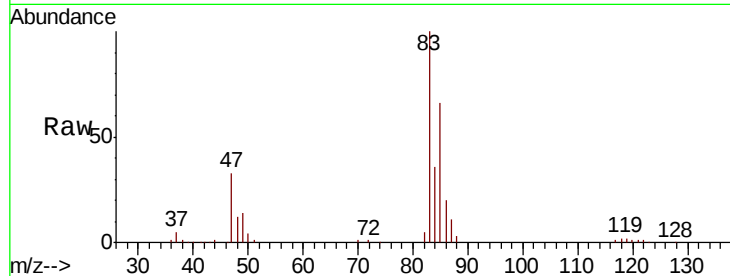




#25
Chloroform
Concen: 48.534 ug/L
RT: 4.40 min Scan# 1028
Delta R.T. -0.01 min
Lab File: VV018825.D
Acq: 10 Oct 2020 11:17

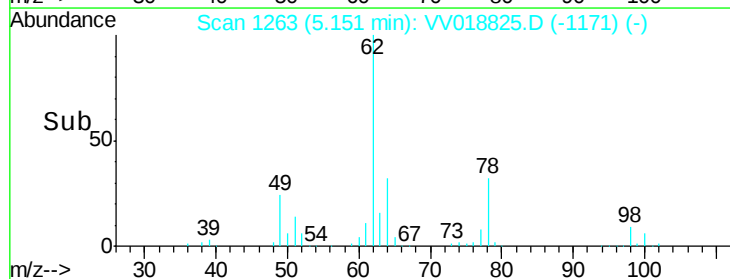
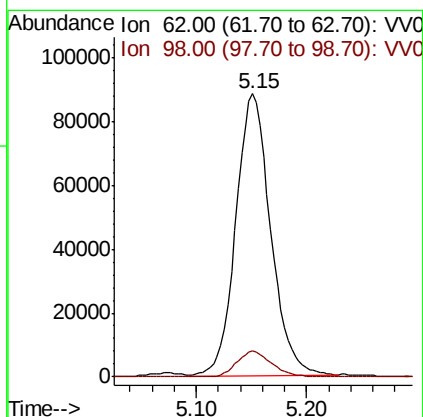
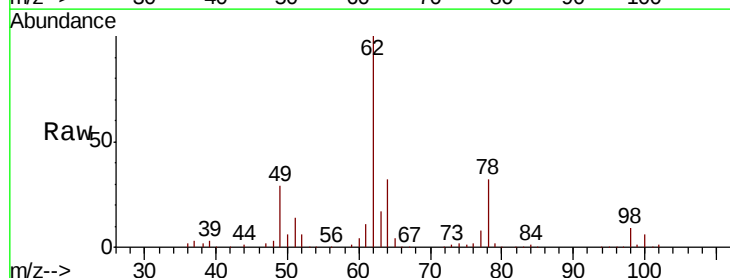
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

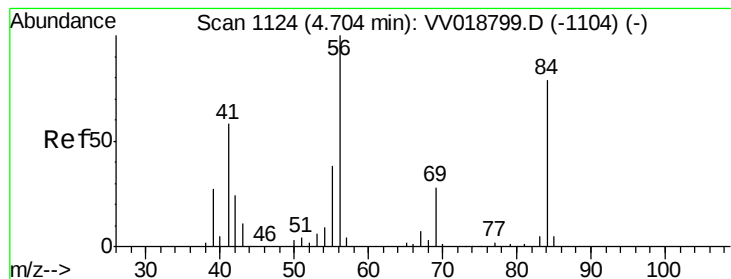
Tot Ion: 83 Resp: 237902
Ion Ratio Lower Upper
83 100
85 66.0 45.0 83.6



#27
1,2-Dichloroethane
Concen: 48.356 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VV018825.D
Acq: 10 Oct 2020 11:17

Tgt Ion: 62 Resp: 192839
Ion Ratio Lower Upper
62 100
98 9.2 6.6 10.0





#29

Cyclohexane

Concen: 51.869 ug/L

RT: 4.70 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VV018825.D

Acq: 10 Oct 2020 11:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD05083

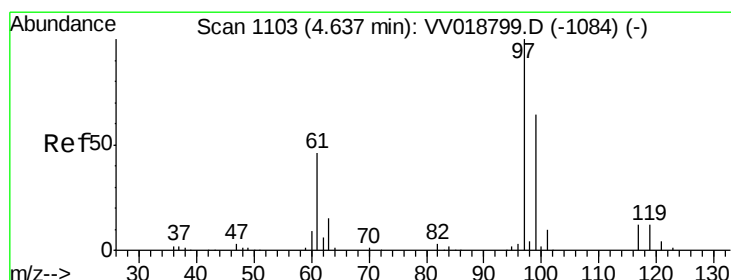
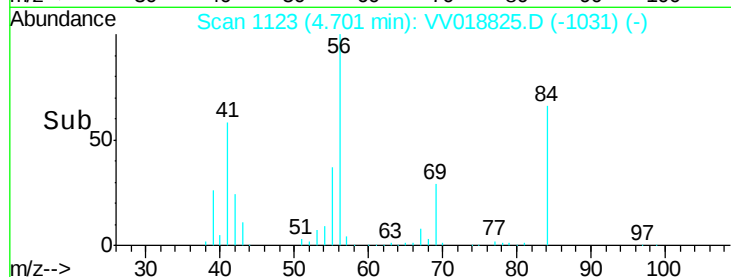
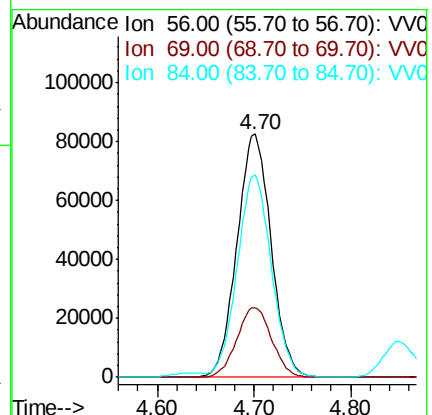
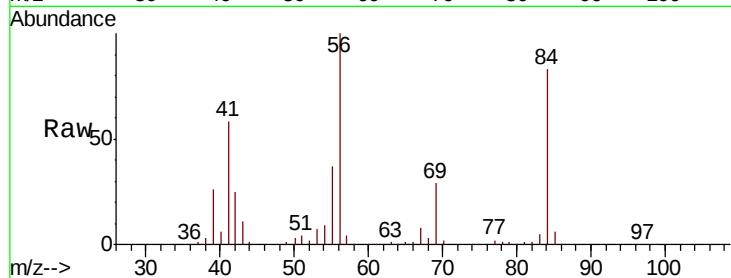
Tot Ion: 56 Resp: 202652

Ion Ratio Lower Upper

56 100

69 29.3 23.1 34.7

84 83.5 65.2 97.8



#30

1,1,1-Trichloroethane

Concen: 47.109 ug/L

RT: 4.63 min Scan# 1101

Delta R.T. -0.01 min

Lab File: VV018825.D

Acq: 10 Oct 2020 11:17

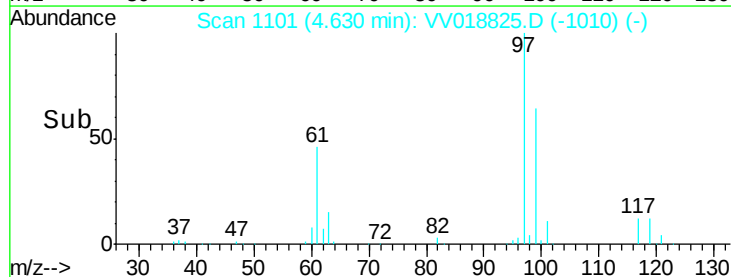
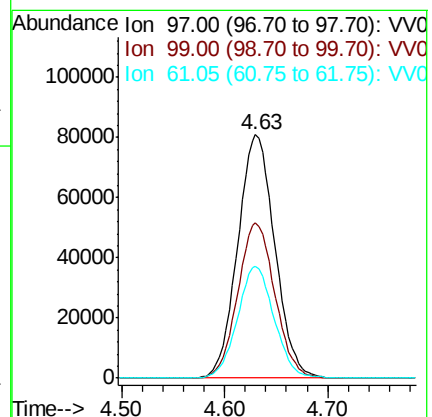
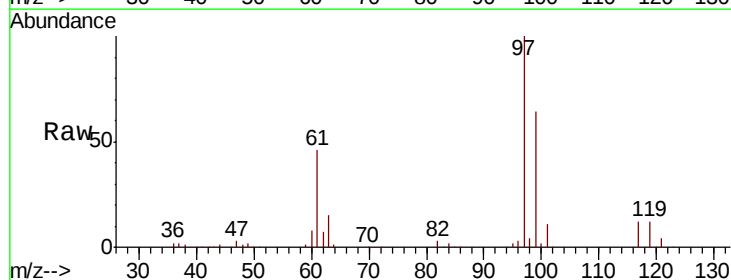
Tgt Ion: 97 Resp: 202563

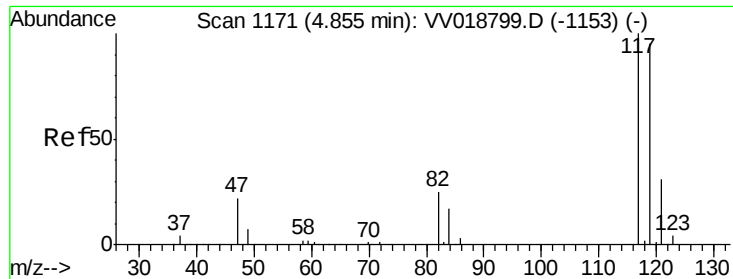
Ion Ratio Lower Upper

97 100

99 63.8 51.0 76.4

61 45.6 37.0 55.4

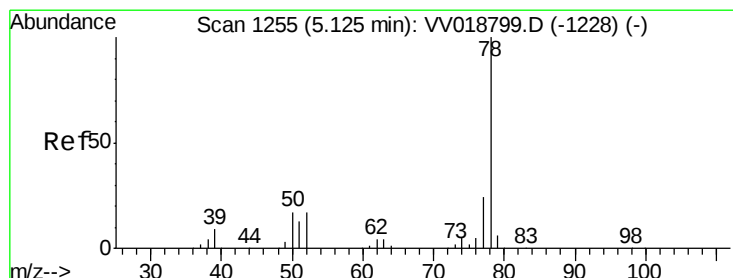
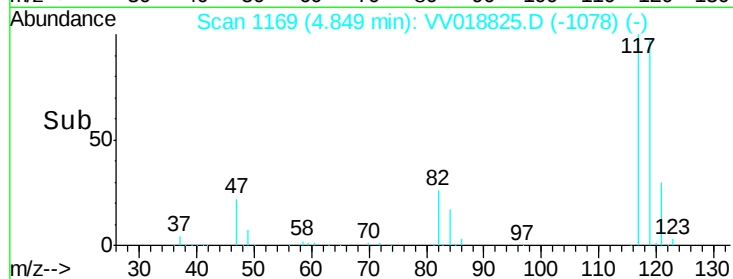
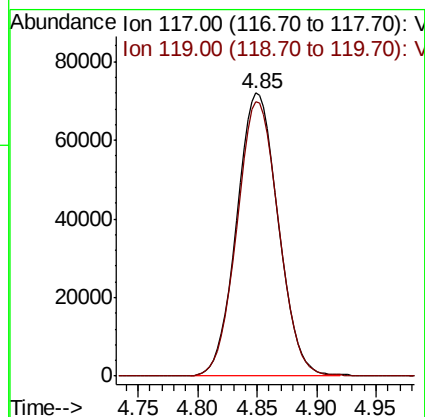
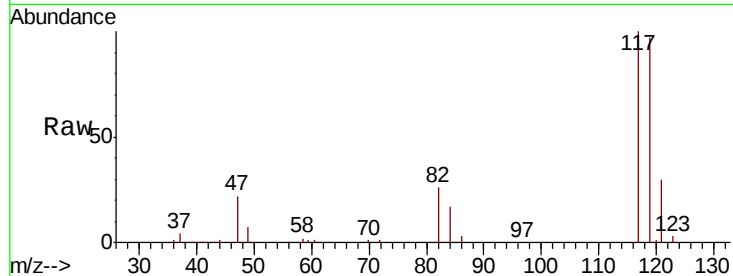




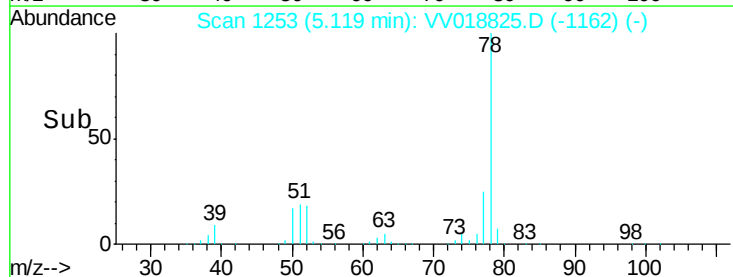
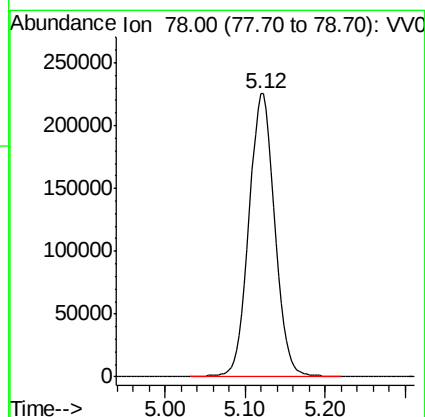
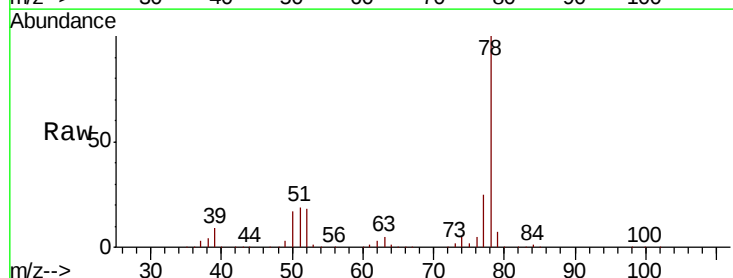
#31
Carbon tetrachloride
Concen: 47.956 ug/L
RT: 4.85 min Scan# 1169
Delta R.T. -0.01 min
Lab File: VV018825.D
Acq: 10 Oct 2020 11:17

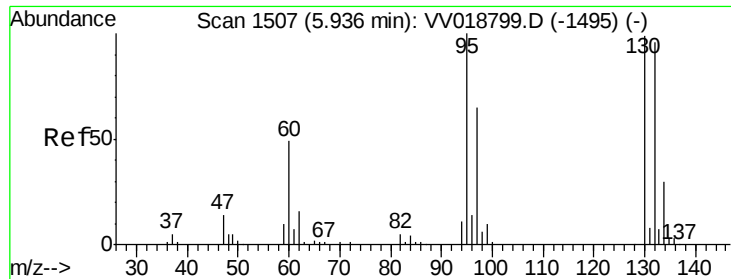
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

Tot Ion:117 Resp: 173795
Ion Ratio Lower Upper
117 100
119 97.4 76.3 114.5



#33
Benzene
Concen: 48.239 ug/L
RT: 5.12 min Scan# 1253
Delta R.T. -0.01 min
Lab File: VV018825.D
Acq: 10 Oct 2020 11:17
Tgt Ion: 78 Resp: 493742

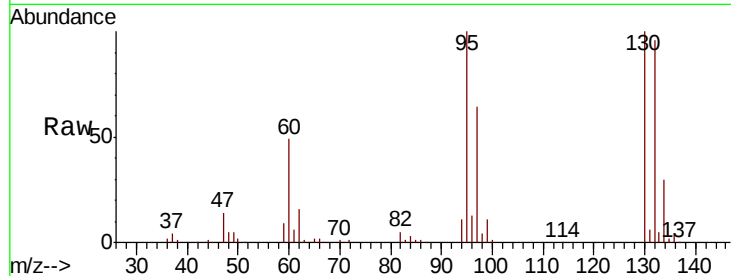




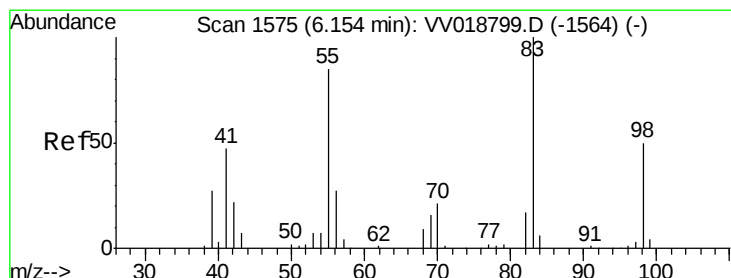
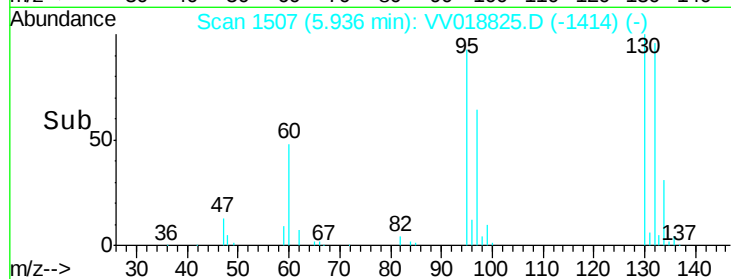
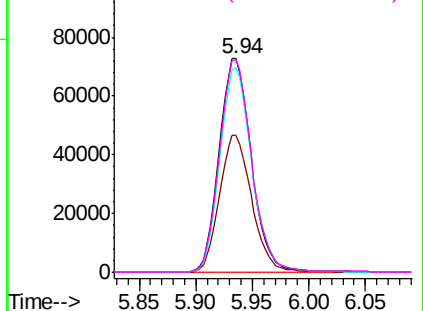
#34
 Trichloroethene
 Concen: 49.019 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: VV018825.D
 Acq: 10 Oct 2020 11:17

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05083

Tot Ion: 95 Resp: 144400
 Ion Ratio Lower Upper
 95 100
 97 64.0 45.1 83.9
 132 96.0 66.2 123.0
 130 99.7 69.1 128.3

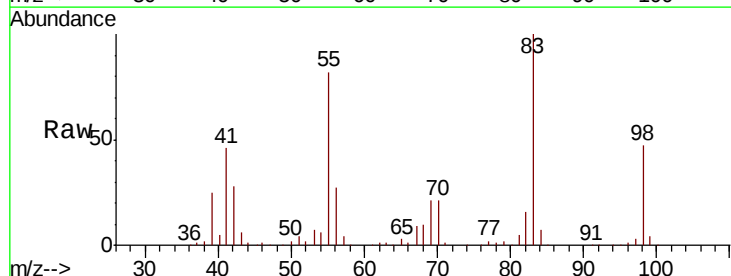


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

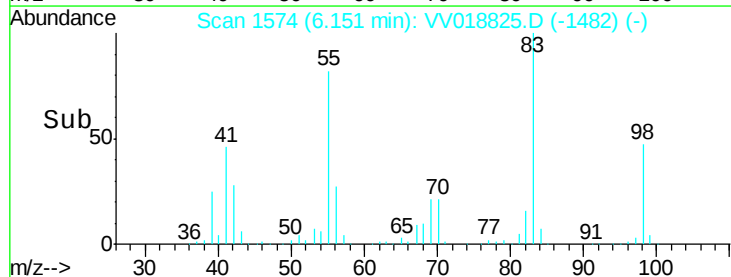
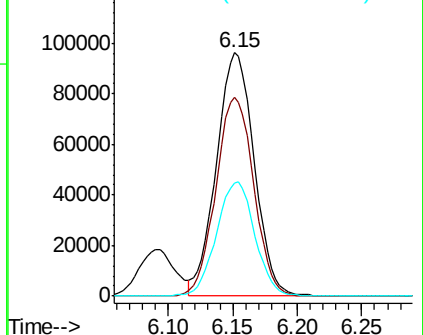


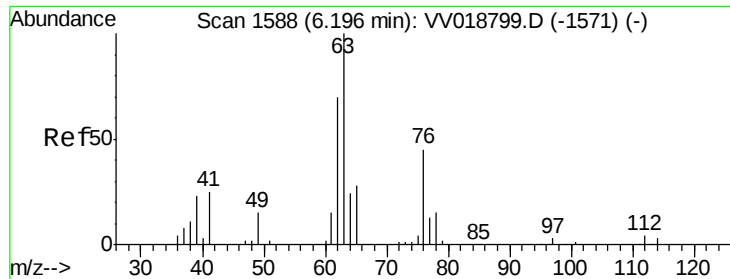
#35
 Methylcyclohexane
 Concen: 54.425 ug/L
 RT: 6.15 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: VV018825.D
 Acq: 10 Oct 2020 11:17

Tgt Ion: 83 Resp: 196174
 Ion Ratio Lower Upper
 83 100
 55 81.7 67.0 100.4
 98 47.7 38.8 58.2



Abundance Ion 83.00 (82.70 to 83.70): VV0
 Ion 55.00 (54.70 to 55.70): VV0
 Ion 98.00 (97.70 to 98.70): VV0

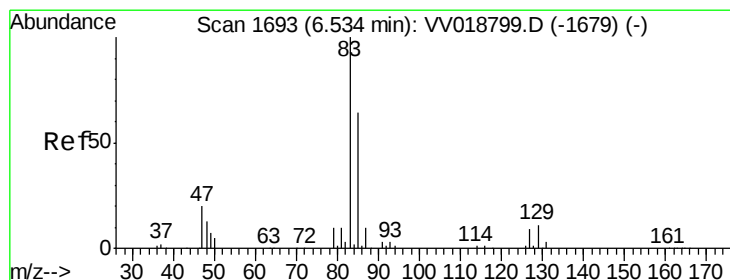
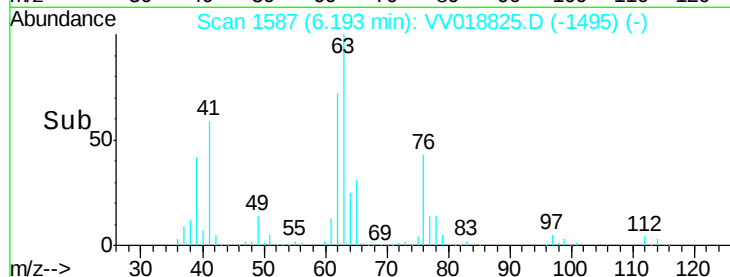
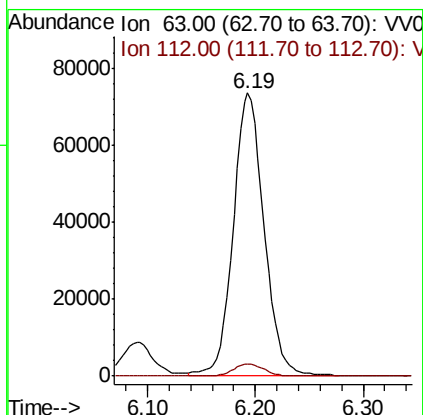
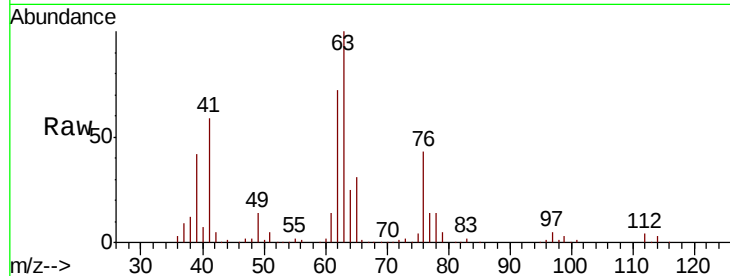




#37
 1,2-Dichloropropane
 Concen: 51.598 ug/L
 RT: 6.19 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: VV018825.D
 Acq: 10 Oct 2020 11:17

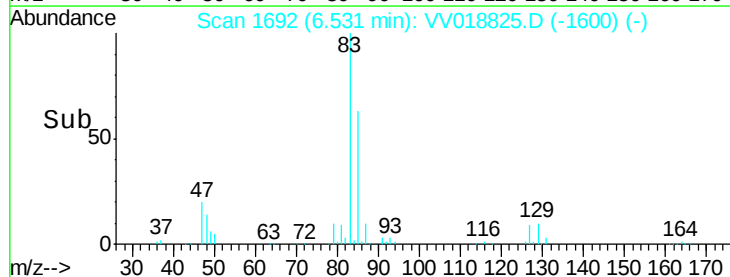
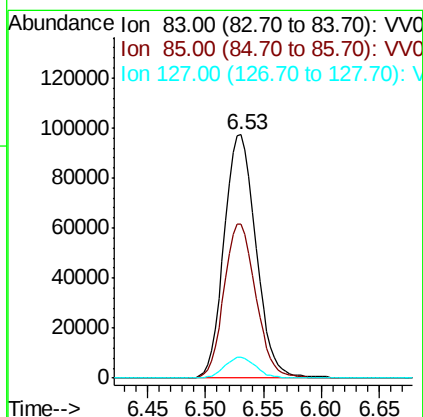
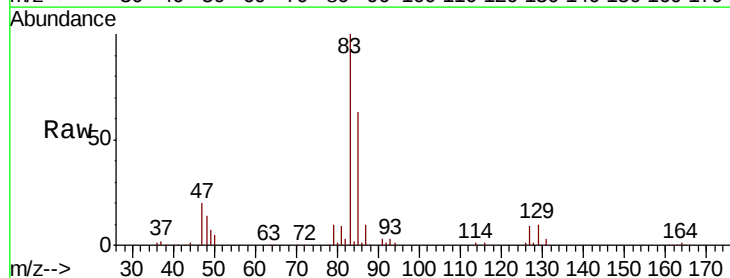
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05083

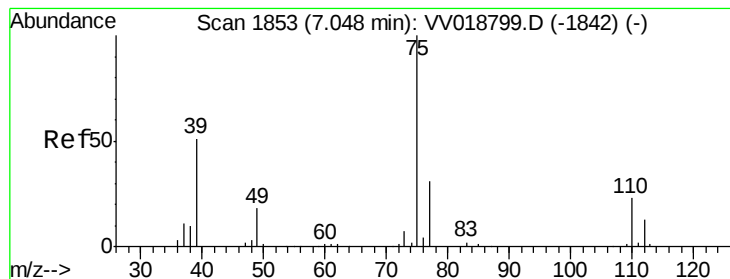
Tot Ion: 63 Resp: 145068
 Ion Ratio Lower Upper
 63 100
 112 4.4 3.4 5.2



#38
 Bromodichloromethane
 Concen: 51.968 ug/L
 RT: 6.53 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VV018825.D
 Acq: 10 Oct 2020 11:17

Tgt Ion: 83 Resp: 185556
 Ion Ratio Lower Upper
 83 100
 85 63.4 45.1 83.7
 127 8.6 6.6 10.0



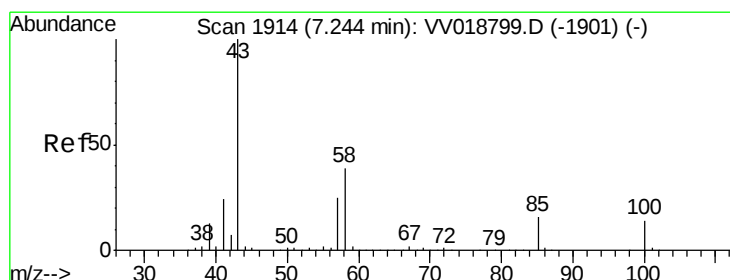
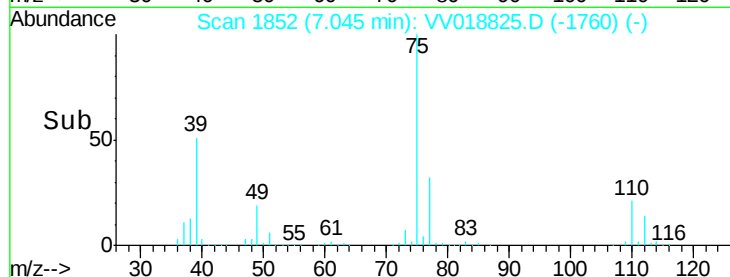
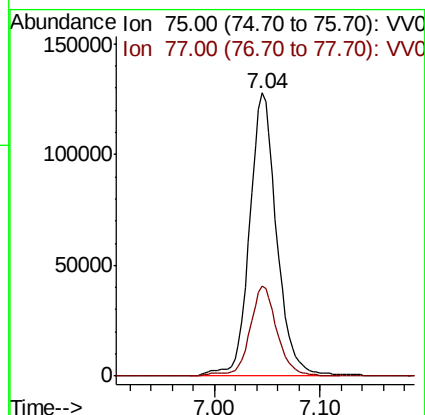
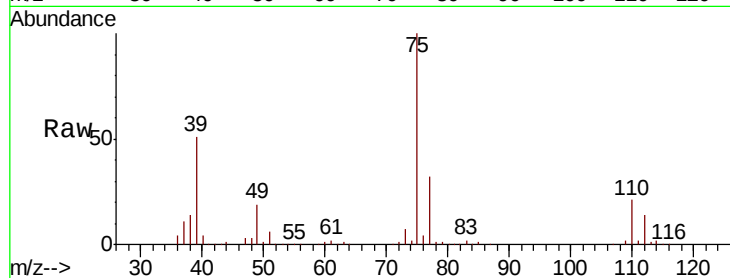


#39

cis-1,3-Dichloropropene
Concen: 57.874 ug/L
RT: 7.04 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VV018825.D
Acq: 10 Oct 2020 11:17

Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

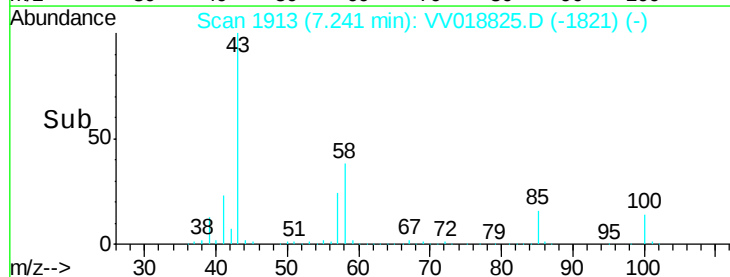
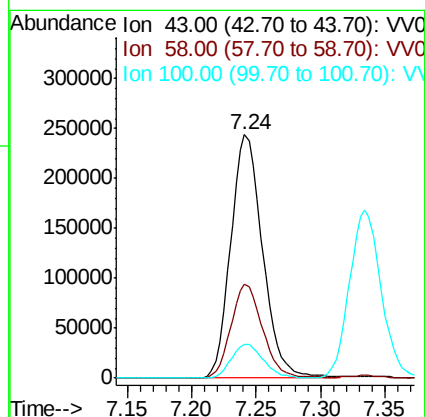
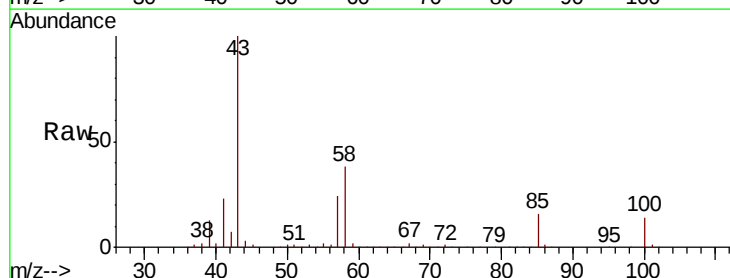
Tot Ion: 75 Resp: 229870
Ion Ratio Lower Upper
75 100
77 31.8 21.8 40.6

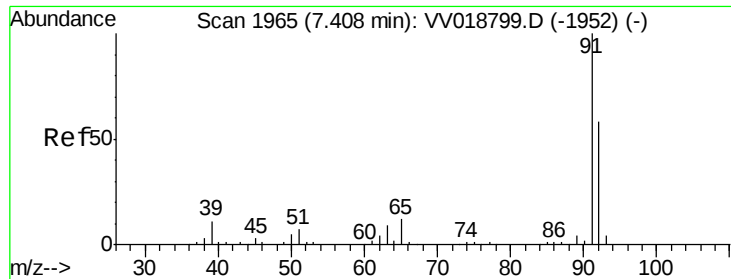


#40

4-Methyl-2-pentanone
Concen: 114.848 ug/L
RT: 7.24 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VV018825.D
Acq: 10 Oct 2020 11:17

Tgt Ion: 43 Resp: 419619
Ion Ratio Lower Upper
43 100
58 38.2 30.2 45.4
100 14.1 11.4 17.2





#42

Toluene

Concen: 54.363 ug/L

RT: 7.41 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VV018825.D

Acq: 10 Oct 2020 11:17

Instrument :

MSVOA_V

ClientSampleId :

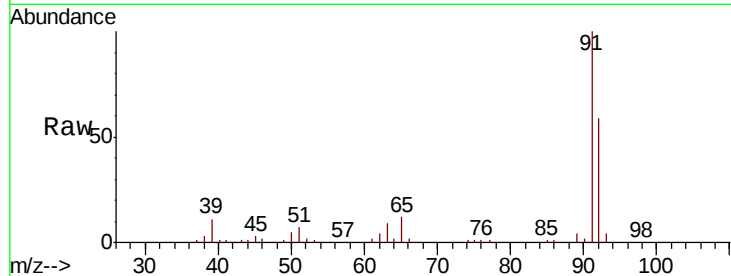
VSTD05083

Tot Ion: 91 Resp: 571518

Ion Ratio Lower Upper

91 100

92 58.7 39.8 74.0



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

7.41

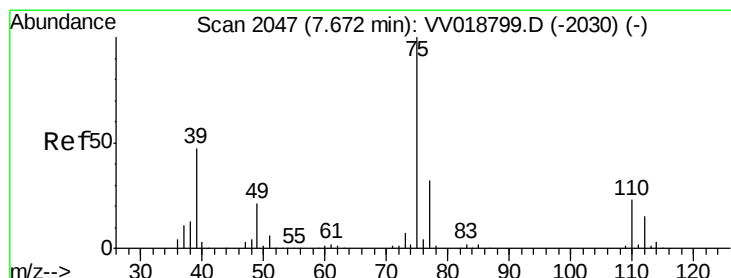
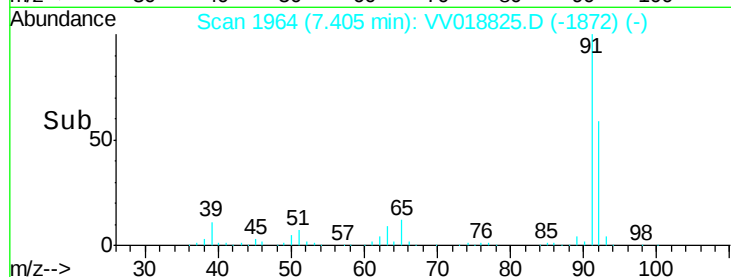
300000

200000

100000

0

Time--> 7.30 7.35 7.40 7.45 7.50



#44

trans-1,3-Dichloropropene

Concen: 54.515 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.00 min

Lab File: VV018825.D

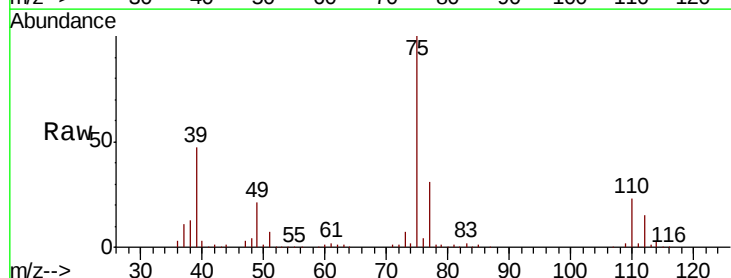
Acq: 10 Oct 2020 11:17

Tgt Ion: 75 Resp: 221882

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

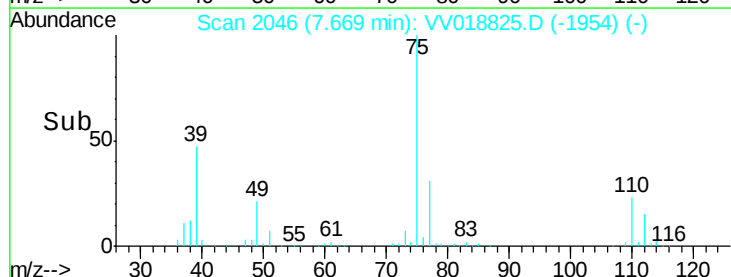
150000

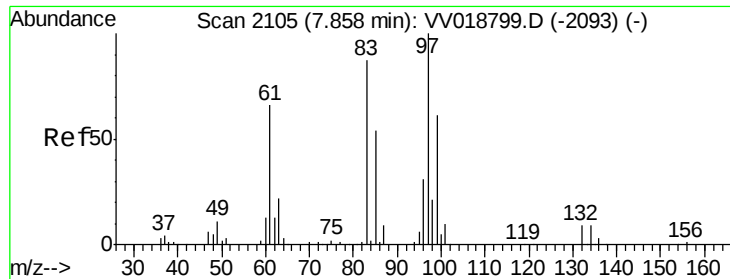
100000

50000

0

Time--> 7.60 7.70 7.80

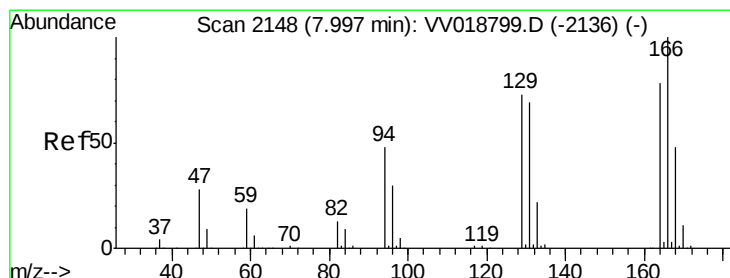
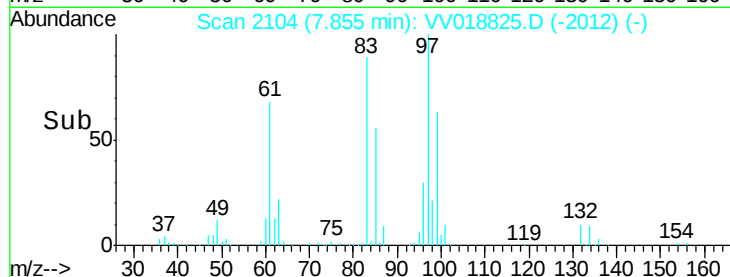
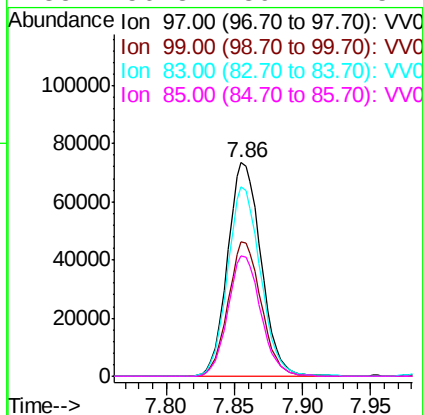
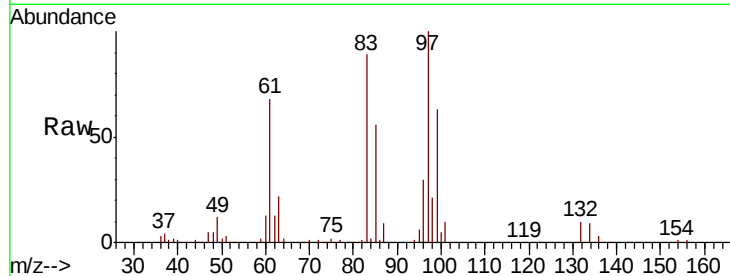




#45
 1,1,2-Trichloroethane
 Concen: 49.483 ug/L
 RT: 7.86 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: VV018825.D
 Acq: 10 Oct 2020 11:17

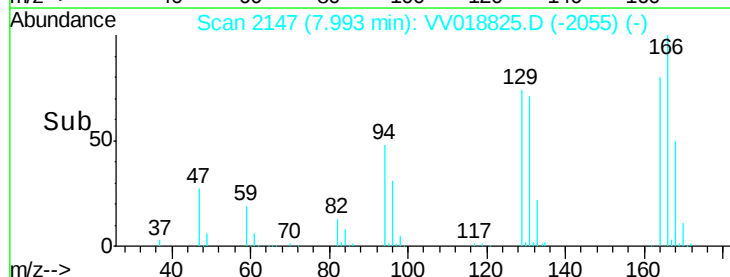
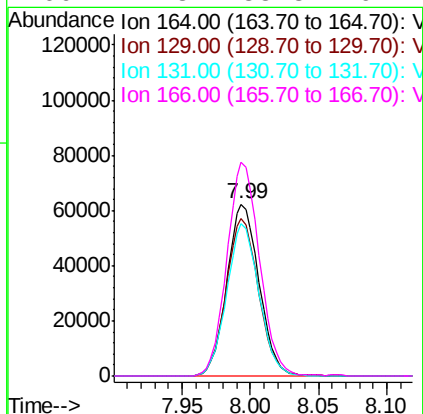
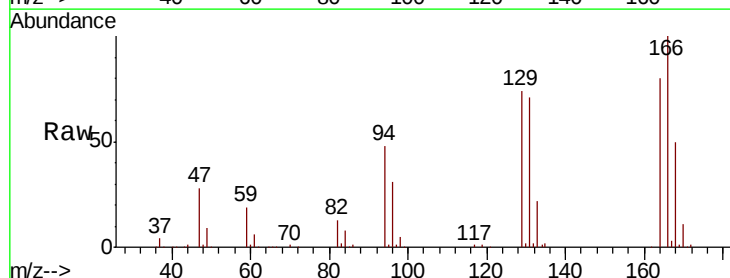
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05083

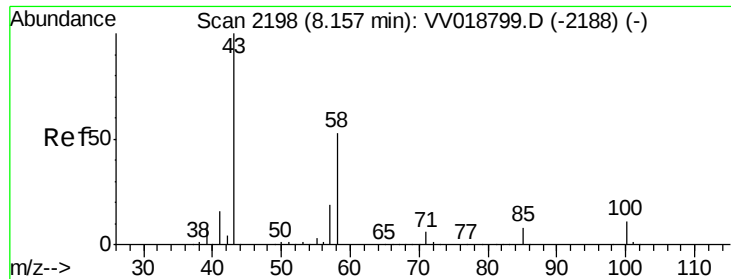
Tot Ion:	97	Resp:	124951
Ion	Ratio	Lower	Upper
97	100		
99	62.7	43.4	80.6
83	89.0	58.7	108.9
85	56.3	39.4	73.2



#46
 Tetrachloroethene
 Concen: 47.337 ug/L
 RT: 7.99 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: VV018825.D
 Acq: 10 Oct 2020 11:17

Tgt Ion:	164	Resp:	102195
Ion	Ratio	Lower	Upper
164	100		
129	92.0	64.6	120.0
131	88.7	63.6	118.0
166	124.3	88.3	164.1

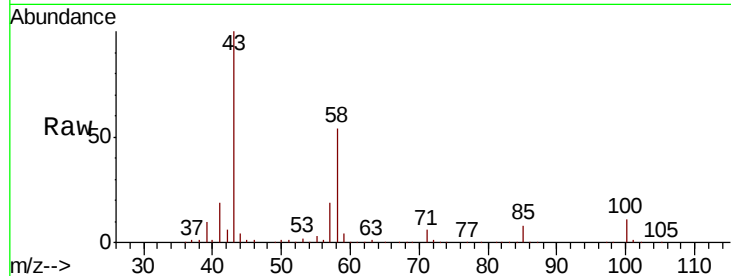




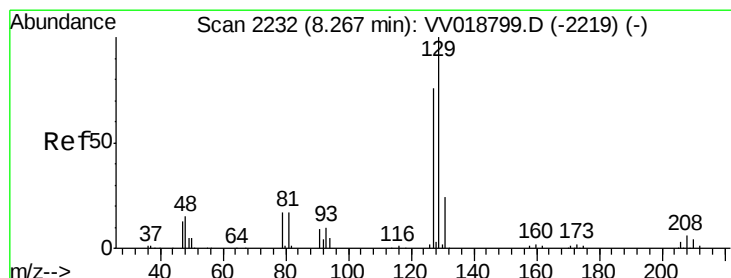
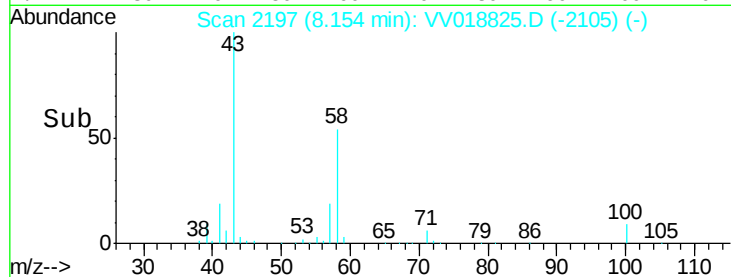
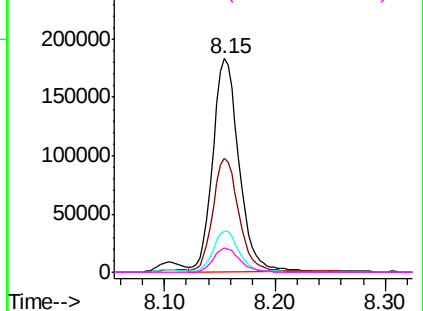
#48
2-Hexanone
Concen: 104.482 ug/L
RT: 8.15 min Scan# 2197
Delta R.T. -0.00 min
Lab File: VV018825.D
Acq: 10 Oct 2020 11:17

Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

Tot Ion:	43	Resp:	301357
Ion	Ratio	Lower	Upper
43	100		
58	52.9	41.8	62.8
57	18.8	14.9	22.3
100	11.4	9.2	13.8

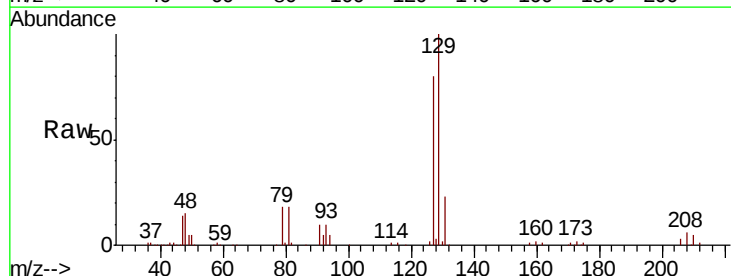


Abundance Ion 43.00 (42.70 to 43.70): VV018825.D (-2197) (-)

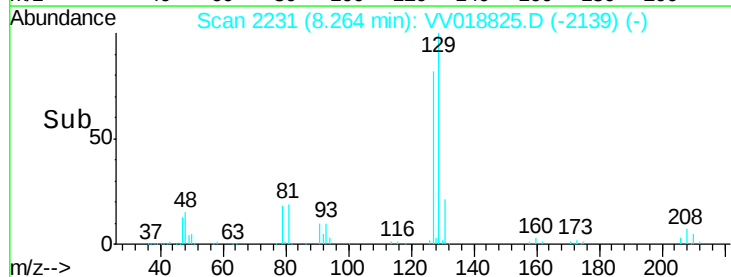
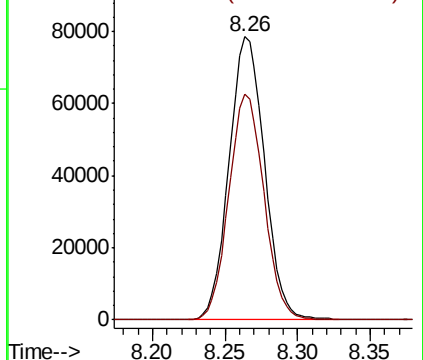


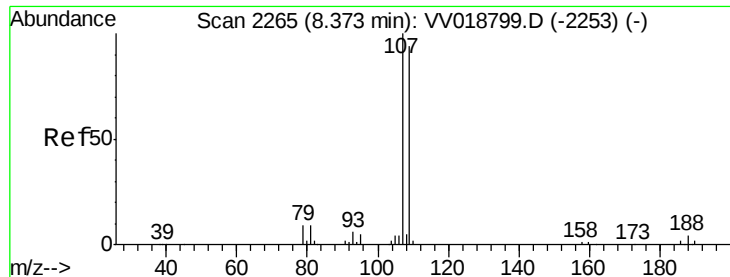
#49
Dibromochloromethane
Concen: 48.375 ug/L
RT: 8.26 min Scan# 2231
Delta R.T. -0.00 min
Lab File: VV018825.D
Acq: 10 Oct 2020 11:17

Tgt Ion:	129	Resp:	133514
Ion	Ratio	Lower	Upper
129	100		
127	79.6	55.3	102.7



Abundance Ion 129.00 (128.70 to 129.70): VV018825.D (-2231) (-)

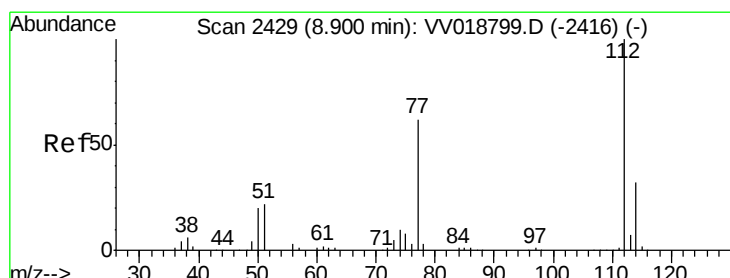
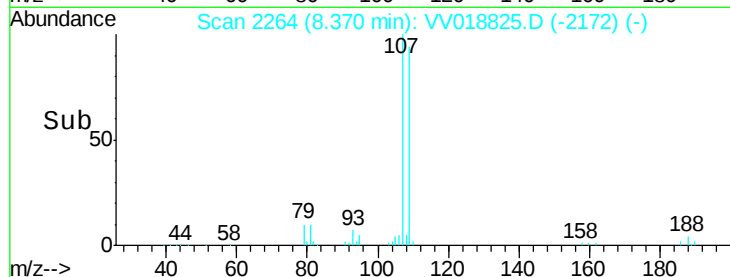
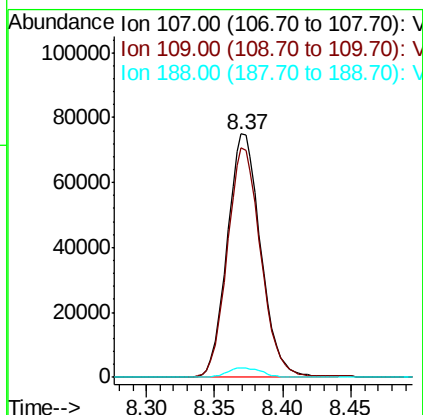
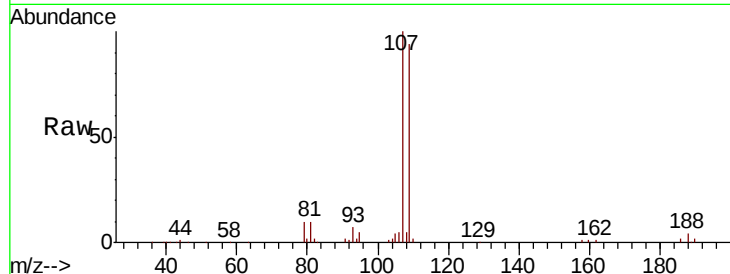




#50
1,2-Dibromoethane
Concen: 49.594 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. -0.00 min
Lab File: VV018825.D
Acq: 10 Oct 2020 11:17

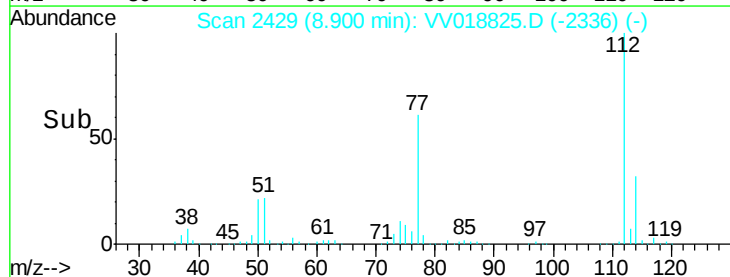
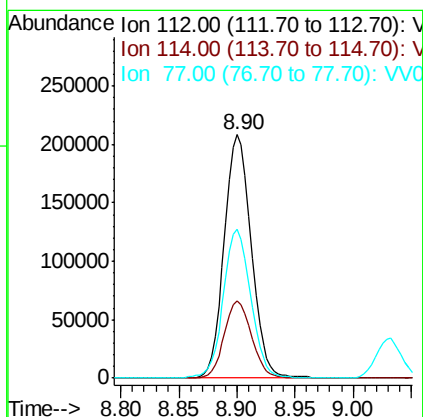
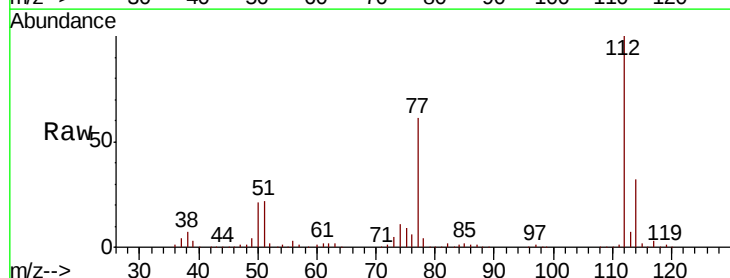
Instrument :
MSVOA_V
ClientSampleId :
VSTD05083

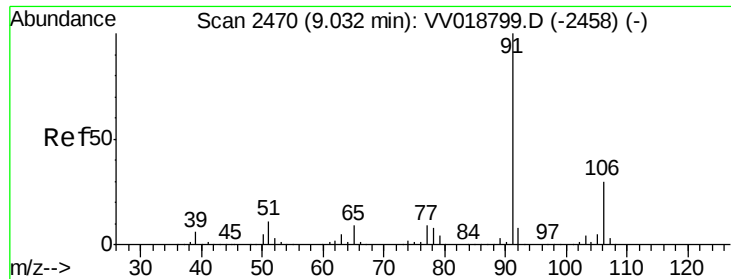
Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	66.4	123.2
188	4.0	3.1	4.7



#51
Chlorobenzene
Concen: 48.296 ug/L
RT: 8.90 min Scan# 2429
Delta R.T. 0.00 min
Lab File: VV018825.D
Acq: 10 Oct 2020 11:17

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.0	41.0
77	61.0	49.8	74.6





#52

Ethylbenzene

Concen: 48.735 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. 0.00 min

Lab File: VV018825.D

Acq: 10 Oct 2020 11:17

Instrument :

MSVOA_V

ClientSampleId :

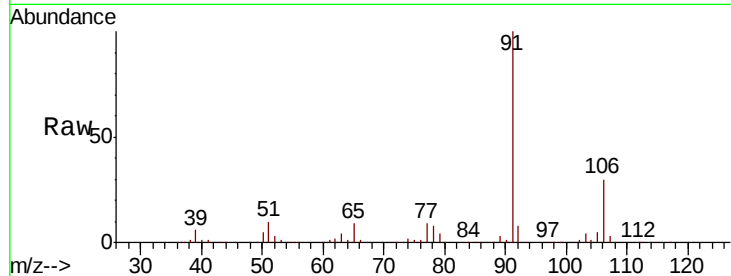
VSTD05083

Tot Ion: 91 Resp: 581824

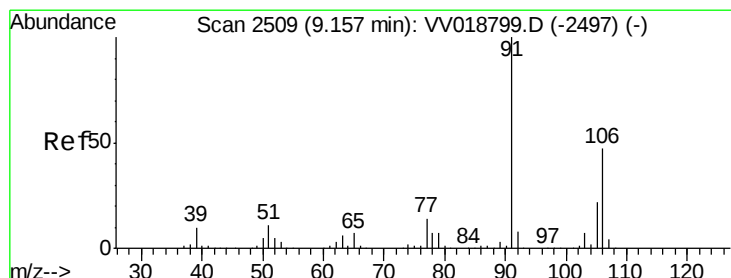
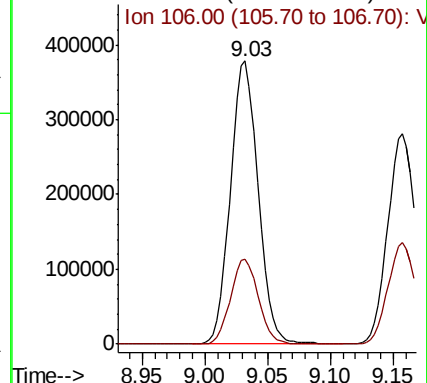
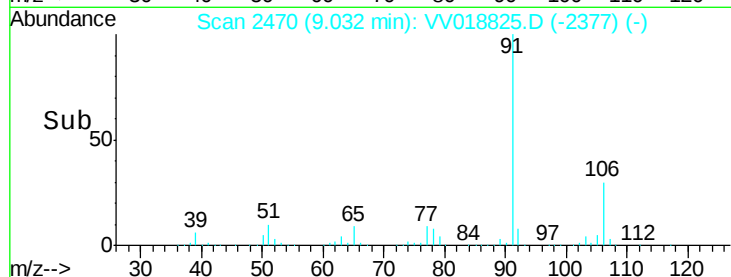
Ion Ratio Lower Upper

91 100

106 30.1 20.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VV018825.D (-2377) (-)



#53

m,p-Xylene

Concen: 49.398 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VV018825.D

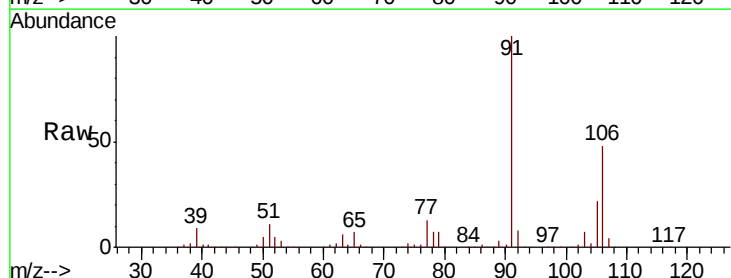
Acq: 10 Oct 2020 11:17

Tgt Ion: 106 Resp: 216475

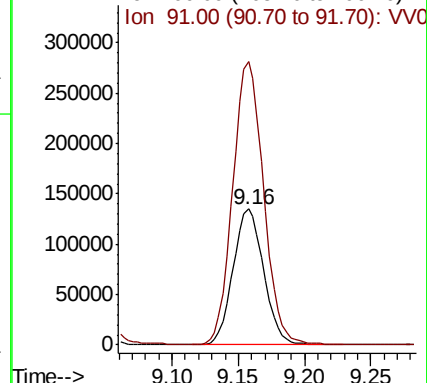
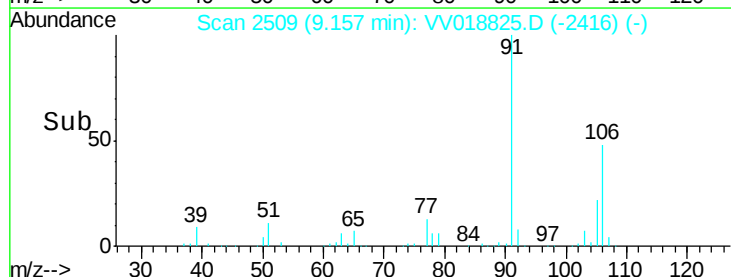
Ion Ratio Lower Upper

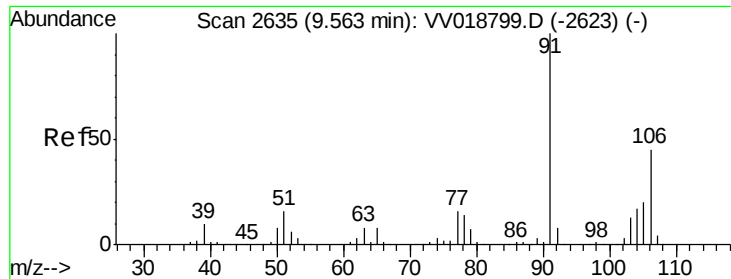
106 100

91 208.2 147.1 273.1



Abundance Ion 106.00 (105.70 to 106.70): VV018825.D (-2416) (-)





#54

o-xylene

Concen: 49.527 ug/L

RT: 9.56 min Scan# 2635

Delta R.T. 0.00 min

Lab File: VV018825.D

Acq: 10 Oct 2020 11:17

Instrument :

MSVOA_V

ClientSampleId :

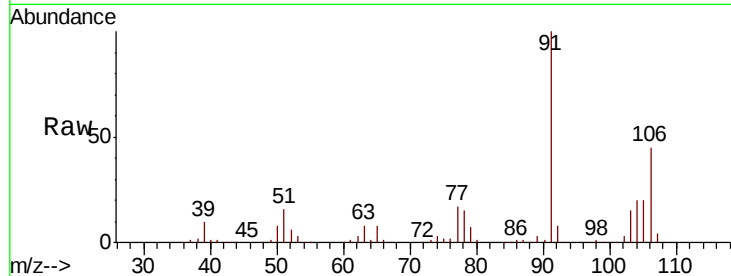
VSTD05083

Tot Ion:106 Resp: 206139

Ion Ratio Lower Upper

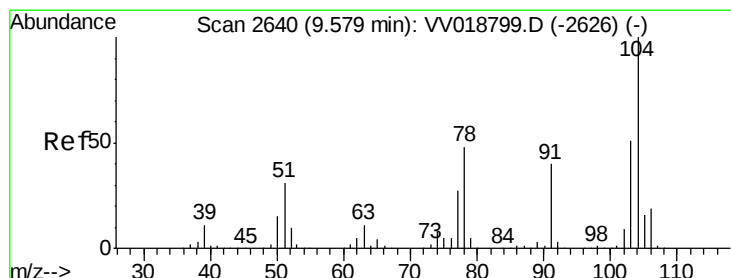
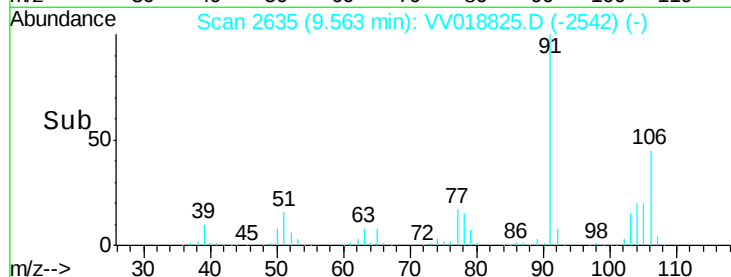
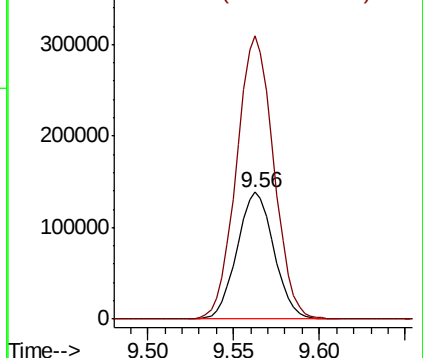
106 100

91 223.1 156.8 291.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

Styrene

Concen: 50.785 ug/L

RT: 9.58 min Scan# 2640

Delta R.T. 0.00 min

Lab File: VV018825.D

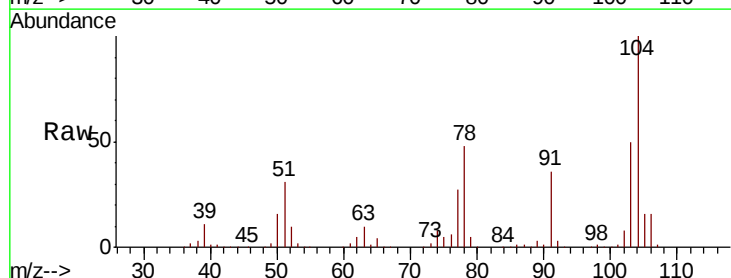
Acq: 10 Oct 2020 11:17

Tgt Ion:104 Resp: 374125

Ion Ratio Lower Upper

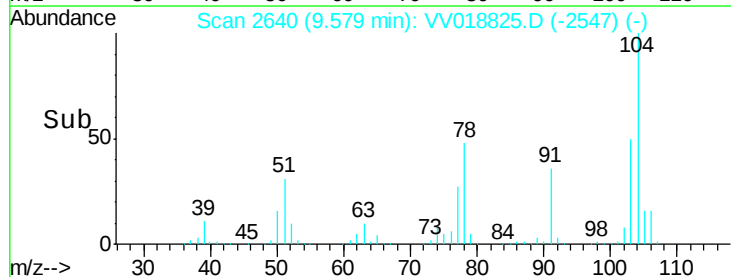
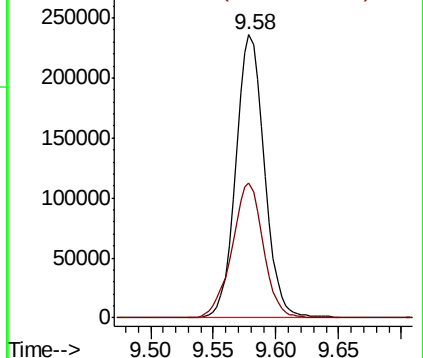
104 100

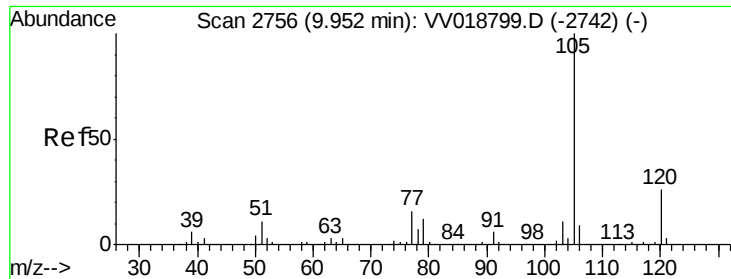
78 47.7 33.5 62.3



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0





#56

Isopropylbenzene

Concen: 48.254 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VV018825.D

Acq: 10 Oct 2020 11:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD05083

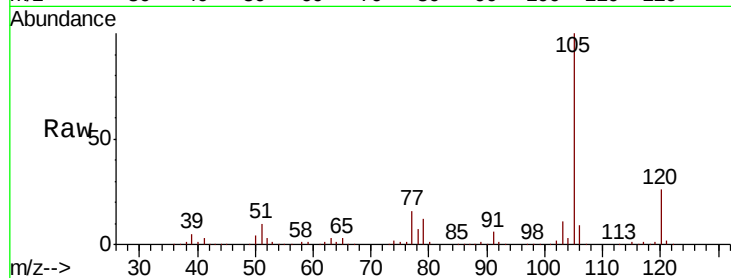
Tot Ion:105 Resp: 555709

Ion Ratio Lower Upper

105 100

120 25.8 20.4 30.6

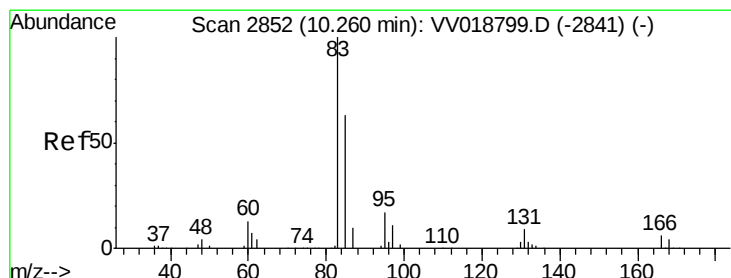
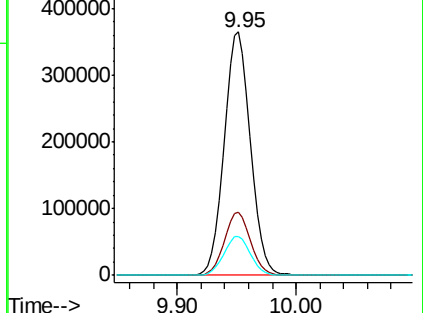
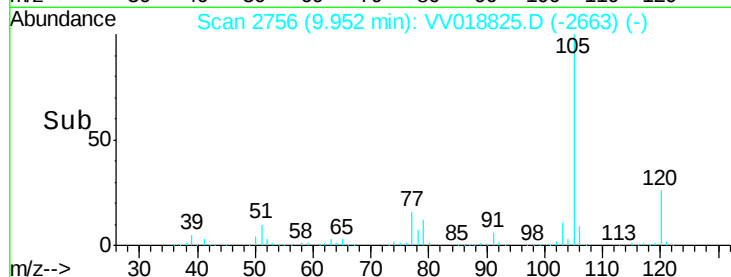
77 16.4 13.0 19.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 48.327 ug/L

RT: 10.26 min Scan# 2852

Delta R.T. 0.00 min

Lab File: VV018825.D

Acq: 10 Oct 2020 11:17

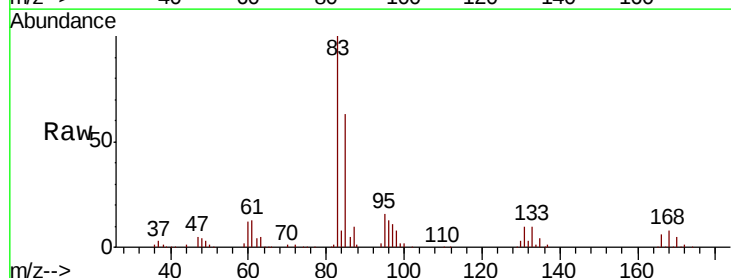
Tgt Ion: 83 Resp: 170226

Ion Ratio Lower Upper

83 100

85 63.4 44.5 82.7

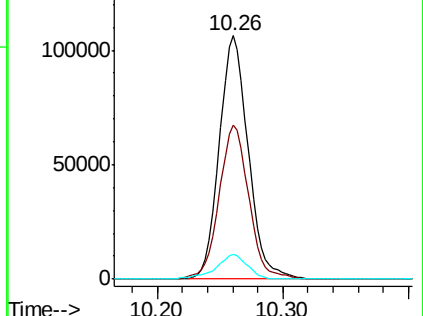
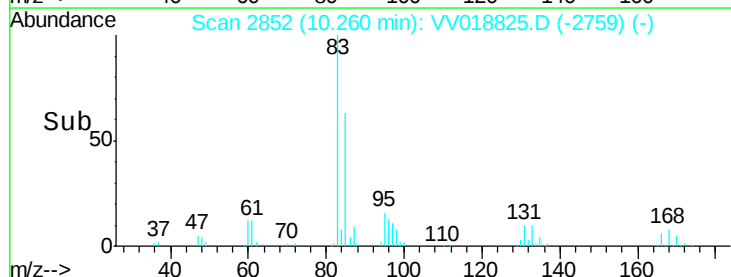
131 10.1 8.0 12.0

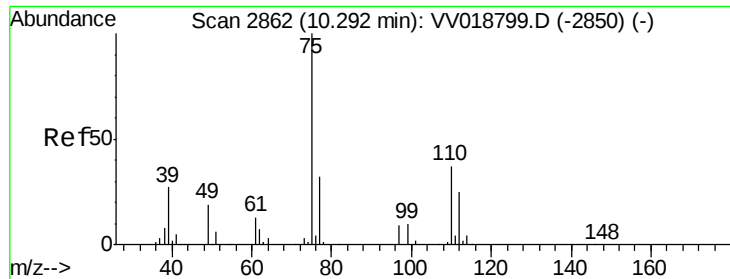


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 131.00 (130.70 to 131.70): V

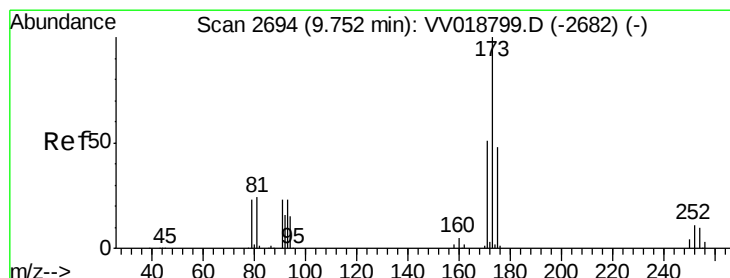
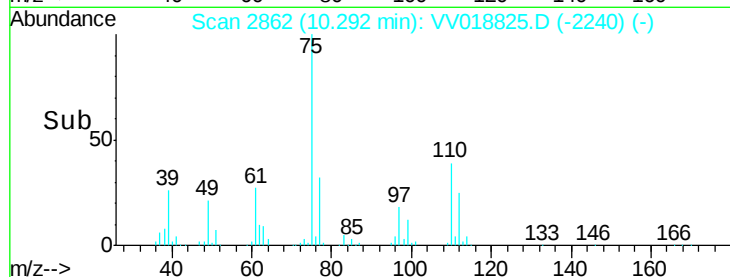
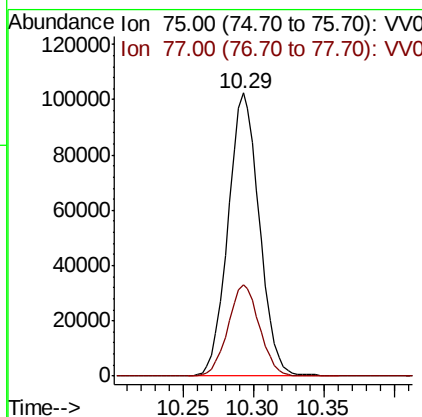
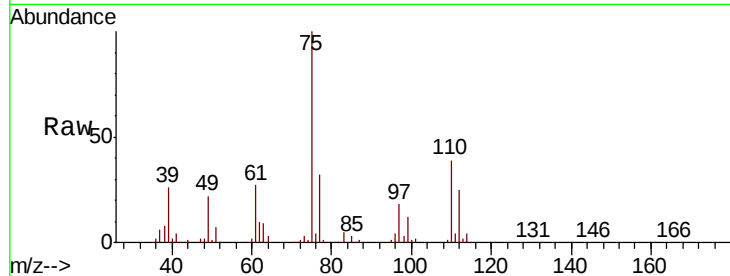




#59
 1,2,3-Trichloropropane
 Concen: 47.477 ug/L
 RT: 10.29 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: VV018825.D
 Acq: 10 Oct 2020 11:17

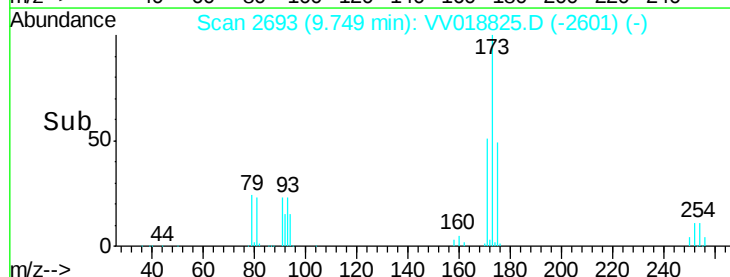
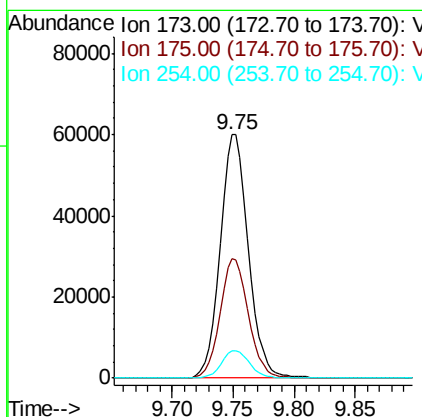
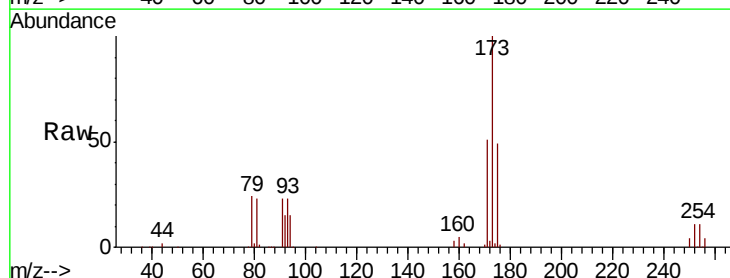
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05083

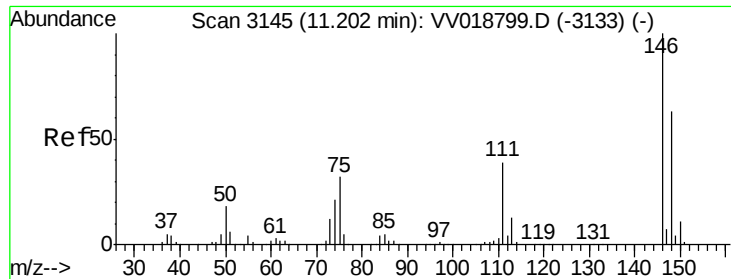
Tot Ion: 75 Resp: 158832
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.9 38.9



#61
 Bromoform
 Concen: 48.304 ug/L
 RT: 9.75 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VV018825.D
 Acq: 10 Oct 2020 11:17

Tgt Ion: 173 Resp: 97434
 Ion Ratio Lower Upper
 173 100
 175 49.2 38.7 58.1
 254 11.2 8.2 12.4

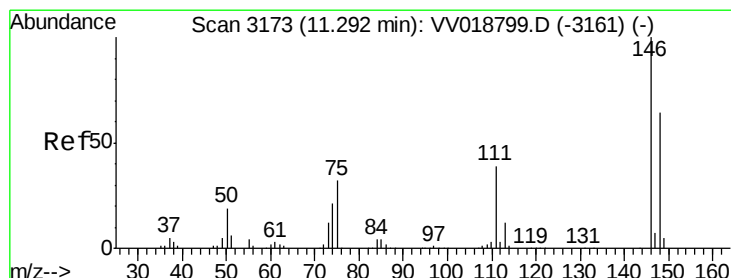
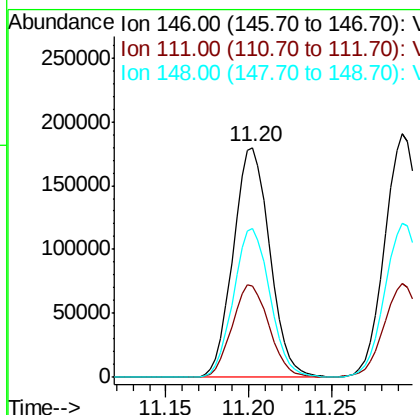
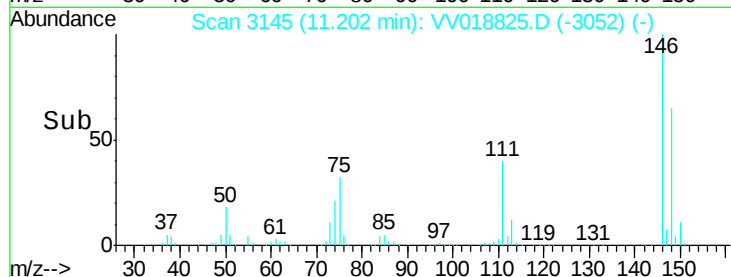
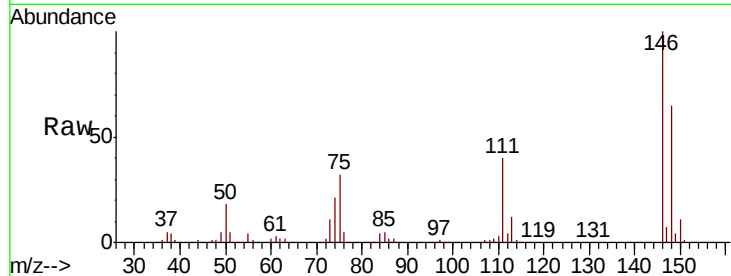




#62
 1,3-Dichlorobenzene
 Concen: 46.623 ug/L
 RT: 11.20 min Scan# 3145
 Delta R.T. 0.00 min
 Lab File: VV018825.D
 Acq: 10 Oct 2020 11:17

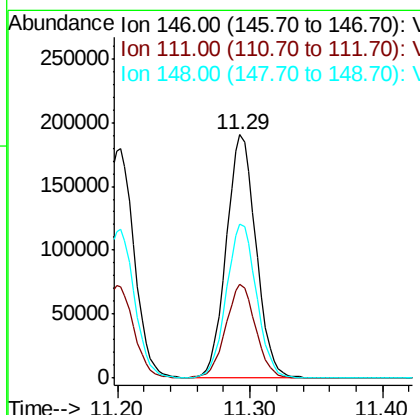
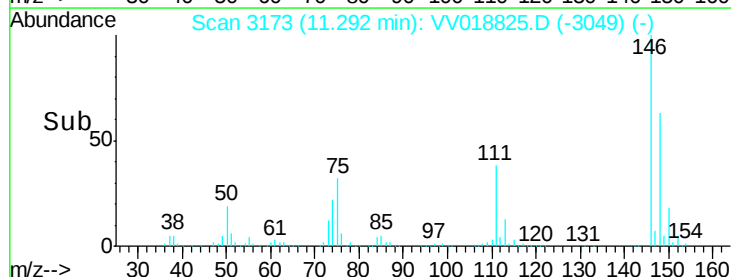
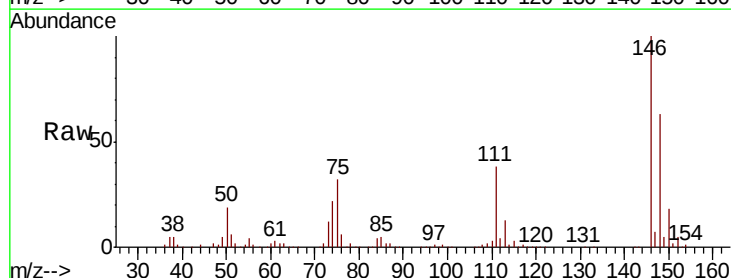
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05083

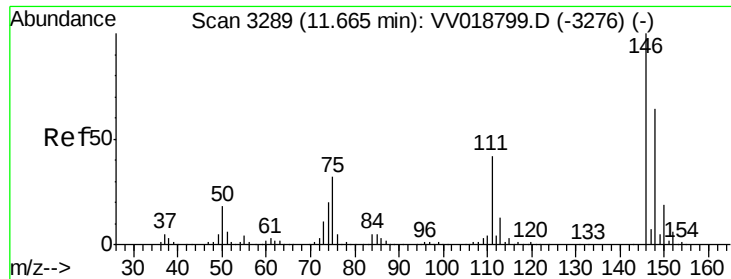
Tot Ion:146 Resp: 276336
 Ion Ratio Lower Upper
 146 100
 111 39.9 27.8 51.6
 148 64.7 45.4 84.4



#63
 1,4-Dichlorobenzene
 Concen: 48.001 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV018825.D
 Acq: 10 Oct 2020 11:17

Tgt Ion:146 Resp: 295950
 Ion Ratio Lower Upper
 146 100
 111 38.4 27.1 50.3
 148 63.1 45.4 84.4





#65

1,2-Dichlorobenzene

Concen: 49.361 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV018825.D

Acq: 10 Oct 2020 11:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD05083

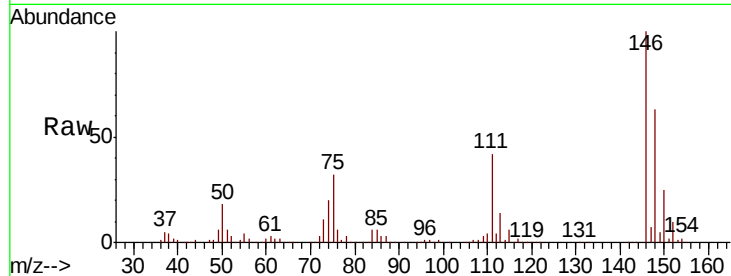
Tot Ion:146 Resp: 293719

Ion Ratio Lower Upper

146 100

111 42.0 33.8 50.6

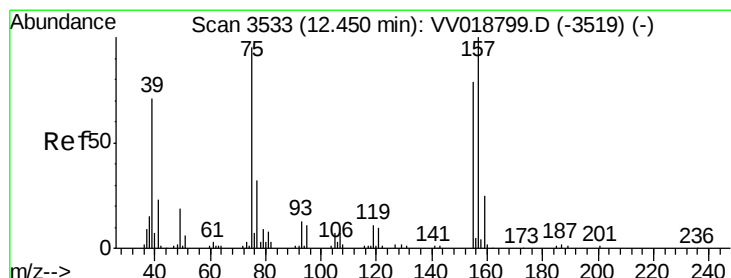
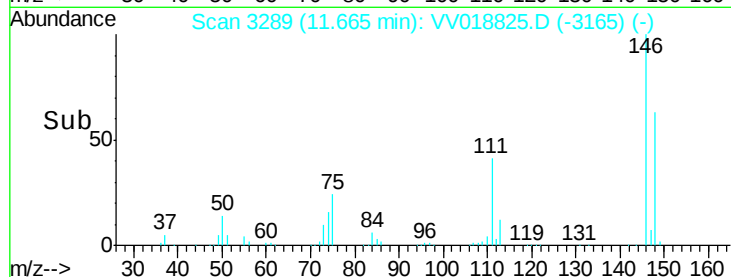
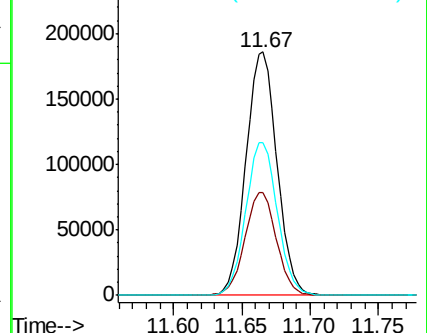
148 63.0 50.3 75.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 50.422 ug/L

RT: 12.45 min Scan# 3533

Delta R.T. 0.00 min

Lab File: VV018825.D

Acq: 10 Oct 2020 11:17

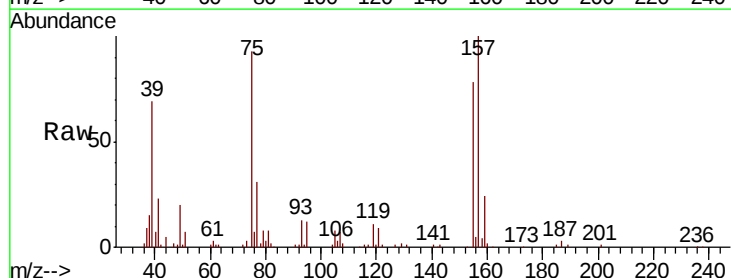
Tgt Ion: 75 Resp: 41387

Ion Ratio Lower Upper

75 100

155 84.1 65.8 98.8

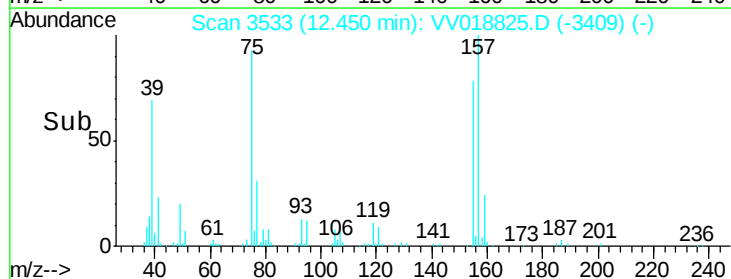
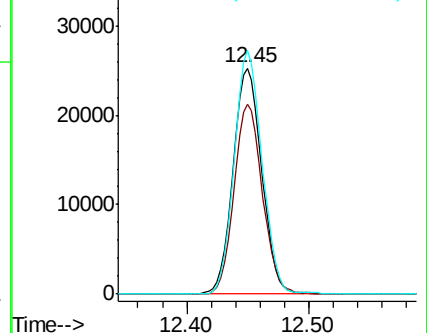
157 107.9 83.0 124.6

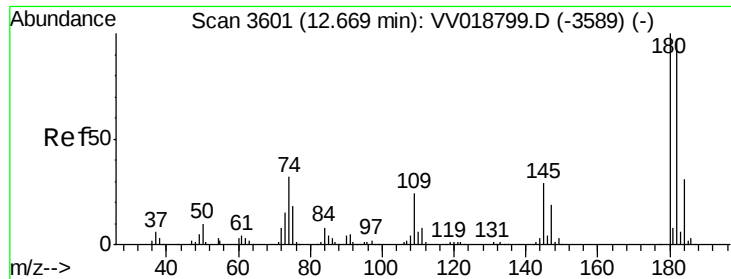


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

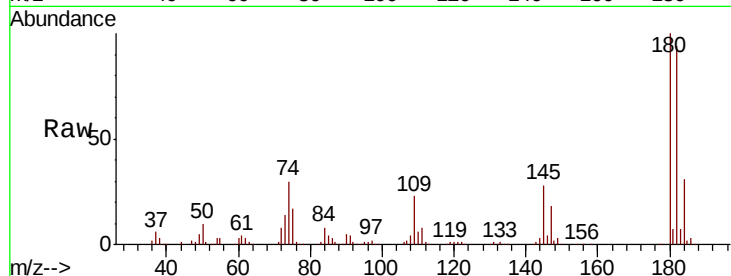




#67
 1,3,5-Trichlorobenzene
 Concen: 50.037 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. 0.00 min
 Lab File: VV018825.D
 Acq: 10 Oct 2020 11:17

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05083

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.0	115.6
184	30.5	24.6	37.0
145	28.6	23.4	35.0

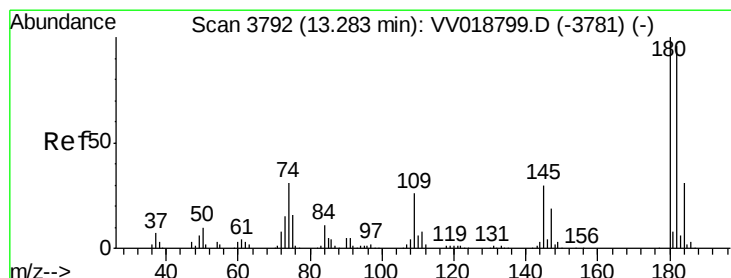
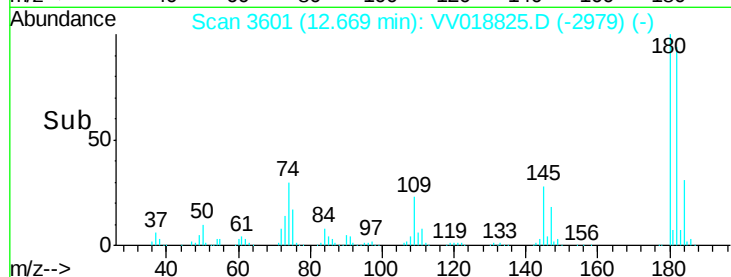
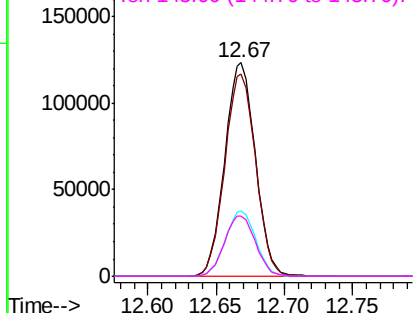


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

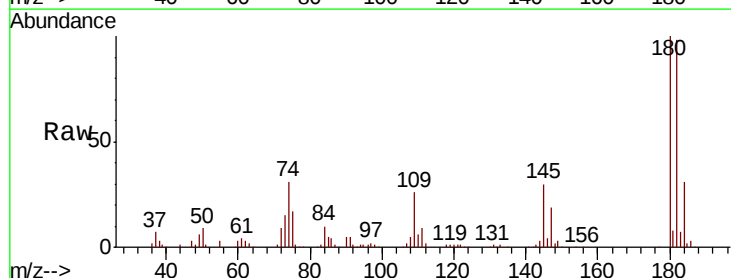
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 48.710 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.00 min
 Lab File: VV018825.D
 Acq: 10 Oct 2020 11:17

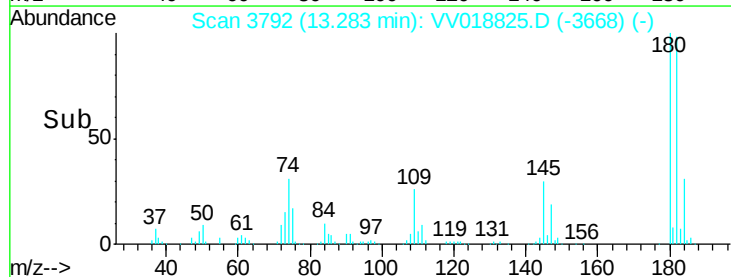
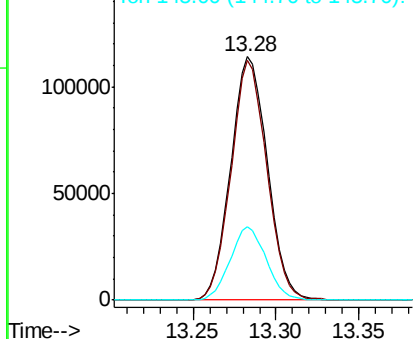
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.7	115.1
145	29.6	24.0	36.0

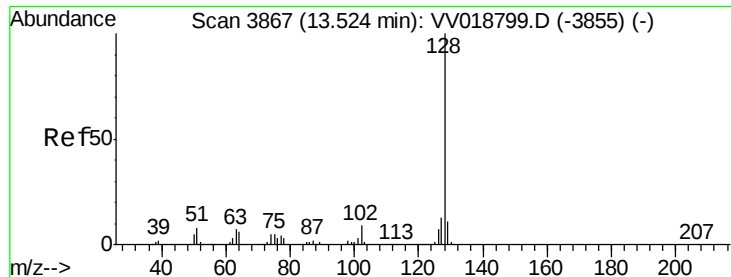


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 53.022 ug/L

RT: 13.52 min Scan# 3867

Delta R.T. 0.00 min

Lab File: VV018825.D

Acq: 10 Oct 2020 11:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD05083

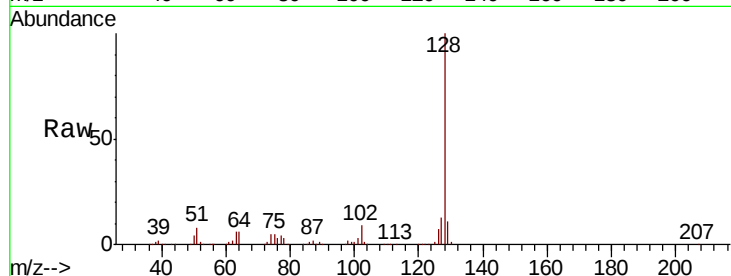
Tot Ion:128 Resp: 539312

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

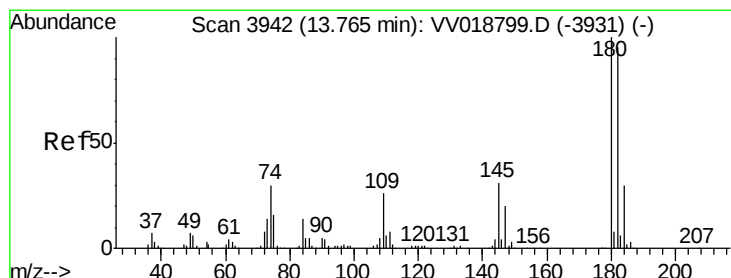
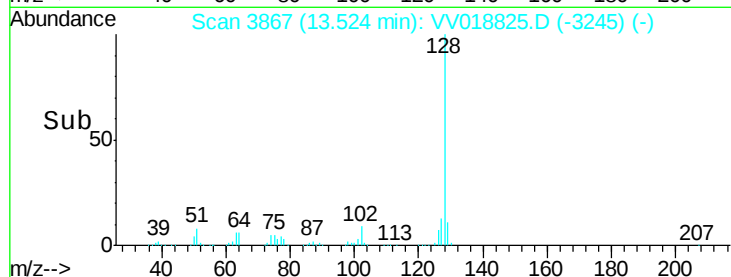
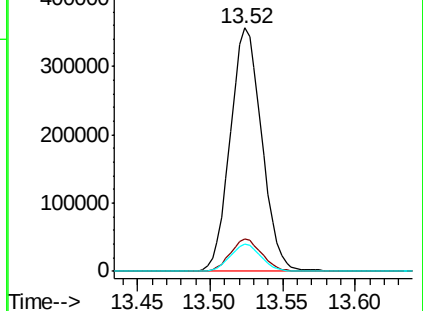
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 50.217 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. 0.00 min

Lab File: VV018825.D

Acq: 10 Oct 2020 11:17

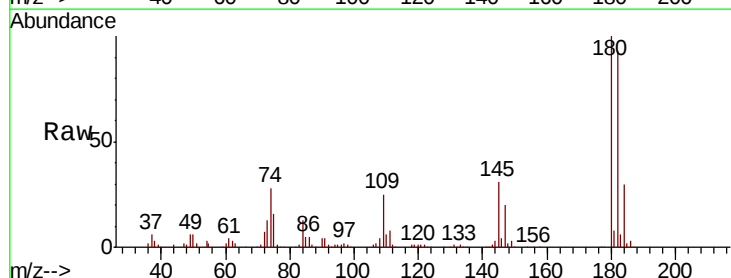
Tgt Ion:180 Resp: 179958

Ion Ratio Lower Upper

180 100

182 94.1 75.9 113.9

145 31.9 25.2 37.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

