

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080122\
 Data File : VW027131.D
 Acq On : 01 Aug 2022 16:17
 Operator : SY/MD
 Sample : VSTD01047
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010247

Quant Time: Aug 02 00:05:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 02 00:03:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	584362	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	571571	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	265368	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	39703	10.484	ug/L	0.00
7) Chloroethane-d5	1.564	69	32998	11.644	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	75069	10.409	ug/L	0.00
21) 2-Butanone-d5	3.895	46	47809	20.120	ug/L	0.02
24) Chloroform-d	4.346	84	78917	10.309	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	46356	10.673	ug/L	0.00
32) Benzene-d6	5.050	84	151075	9.989	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	48161	10.294	ug/L	0.00
41) Toluene-d8	7.317	98	133258	9.773	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	19054	9.279	ug/L	0.00
47) 2-Hexanone-d5	8.095	63	29803	16.500	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	72931	10.428	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	49997	10.720	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	55830	9.985	ug/L	99
3) Chloromethane	1.240	50	52704	9.940	ug/L	100
5) Vinyl chloride	1.307	62	53295	9.656	ug/L	99
6) Bromomethane	1.519	94	28560	9.979	ug/L	97
8) Chloroethane	1.580	64	32629	11.034	ug/L	99
9) Trichlorofluoromethane	1.748	101	72463	9.965	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	42529	10.198	ug/L	98
12) 1,1-Dichloroethene	2.114	96	41066	10.134	ug/L	95
13) Acetone	2.172	43	43226	20.531	ug/L	97
14) Carbon disulfide	2.291	76	116969	9.693	ug/L	100
15) Methyl Acetate	2.429	43	43300	9.453	ug/L	99
16) Methylene chloride	2.503	84	52277	10.178	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	41726	9.674	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	109770	8.859	ug/L	99
19) 1,1-Dichloroethane	3.188	63	77272	9.784	ug/L	97
20) cis-1,2-Dichloroethene	3.908	96	40353	8.814	ug/L	95
22) 2-Butanone	3.979	43	46994	16.998	ug/L	95
23) Bromochloromethane	4.246	128	24584	9.451	ug/L	98
25) Chloroform	4.375	83	82488	9.919	ug/L	99
27) 1,2-Dichloroethane	5.130	62	55575	9.652	ug/L	98
29) Cyclohexane	4.674	56	48705	8.417	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	68979	9.624	ug/L	99
31) Carbon tetrachloride	4.825	117	59090	9.588	ug/L	100
33) Benzene	5.098	78	159368	9.091	ug/L	100
34) Trichloroethene	5.915	95	42841	9.503	ug/L	94
35) Methylcyclohexane	6.127	83	57778	8.635	ug/L	97
37) 1,2-Dichloropropane	6.172	63	43812	9.520	ug/L	# 96
38) Bromodichloromethane	6.510	83	57216	9.386	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	54779	8.485	ug/L	94
40) 4-Methyl-2-pentanone	7.230	43	91683	16.856	ug/L	96
42) Toluene	7.387	91	163313	9.030	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	52347	8.439	ug/L	95

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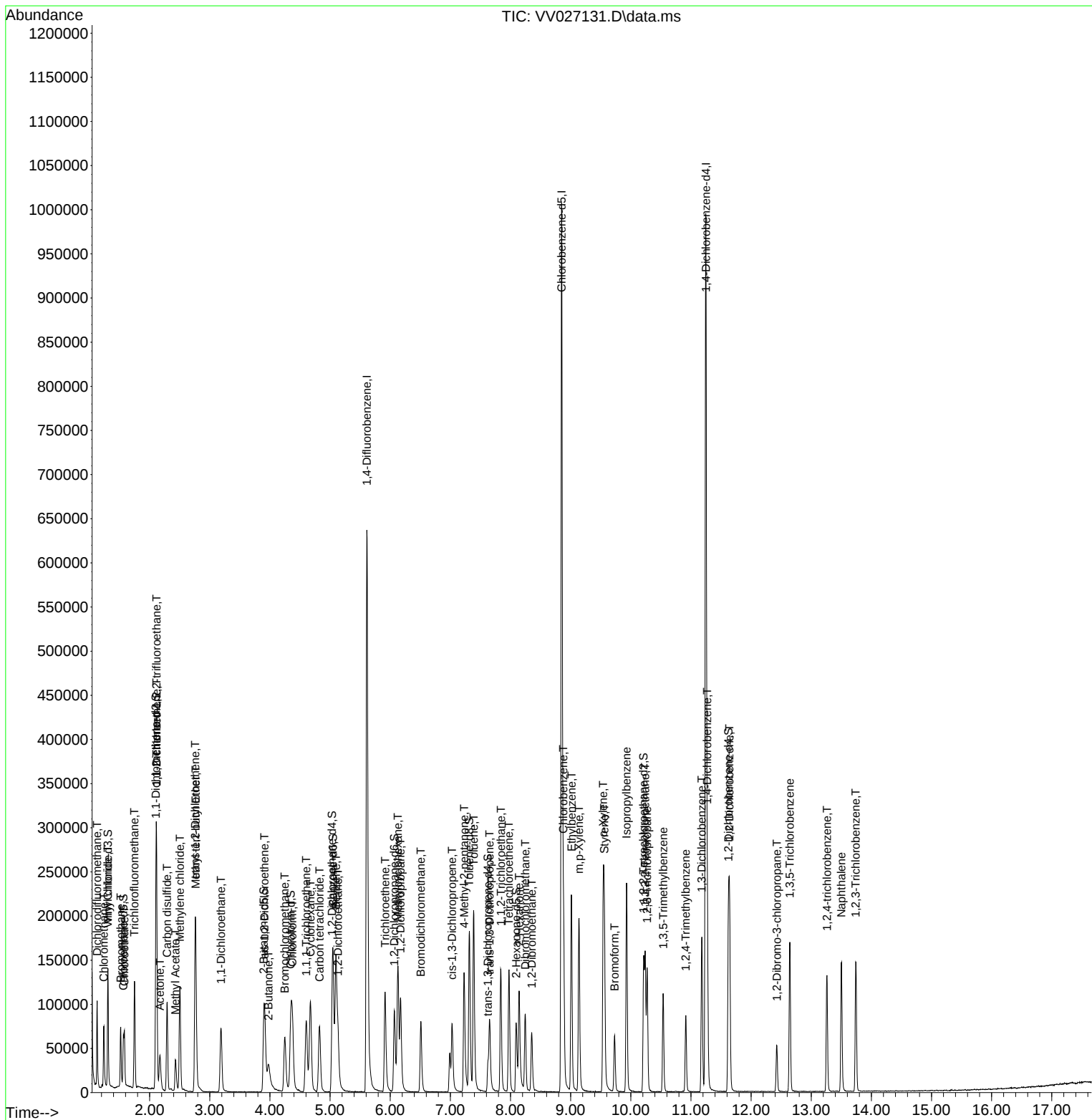
Quant Time: Aug 02 00:05:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 02 00:03:42 2022
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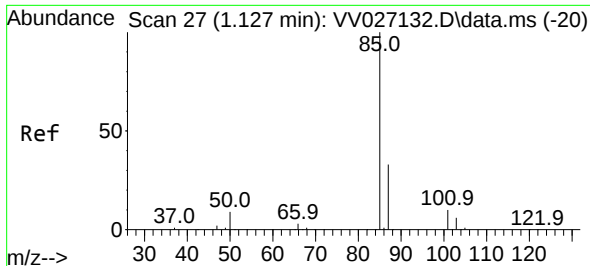
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.841	97	46615	9.636	ug/L	97
46) Tetrachloroethene	7.976	164	32377	9.407	ug/L	99
48) 2-Hexanone	8.143	43	70439	16.656	ug/L	98
49) Dibromochloromethane	8.246	129	46397	9.239	ug/L	98
50) 1,2-Dibromoethane	8.352	107	48358	9.655	ug/L	97
51) Chlorobenzene	8.879	112	117740	9.408	ug/L	97
52) Ethylbenzene	9.014	91	158086	8.530	ug/L	100
53) m,p-Xylene	9.140	106	60242	8.286	ug/L	97
54) o-Xylene	9.542	106	58105	8.164	ug/L	95
55) Styrene	9.561	104	97243	7.862	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	75452	9.618	ug/L	99
59) Bromoform	9.731	173	29490	9.626	ug/L	98
60) Isopropylbenzene	9.931	105	148082	9.094	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	57590	10.453	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	59005	8.366	ug/L	97
63) 1,2,4-Trimethylbenzene	10.914	105	47392	8.317	ug/L	97
64) 1,3-Dichlorobenzene	11.181	146	74588	9.295	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	84023	9.925	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	81671	9.692	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	14454	9.806	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	52627	9.244	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	39895	8.345	ug/L	97
71) Naphthalene	13.503	128	119774	7.627	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	45467	8.697	ug/L	98

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

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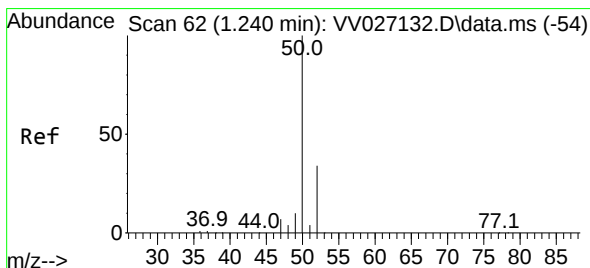
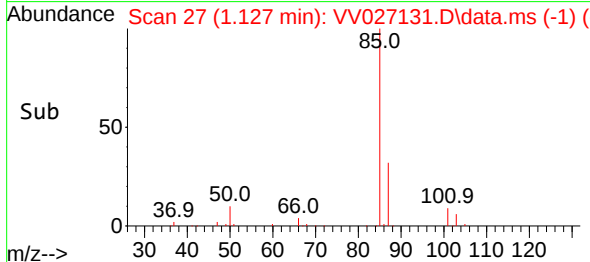
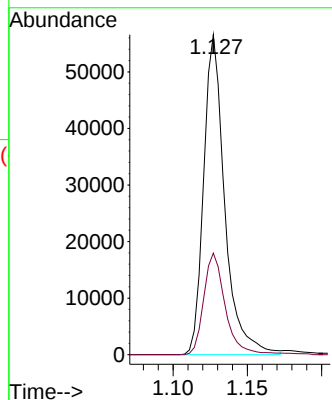
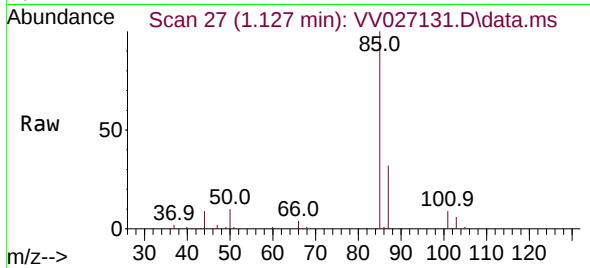




#2
 Dichlorodifluoromethane
 Concen: 9.985 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV027131.D
 Acq: 01 Aug 2022 16:17

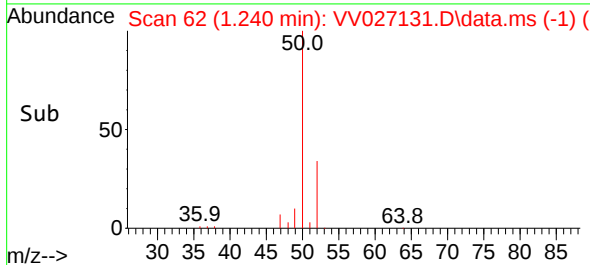
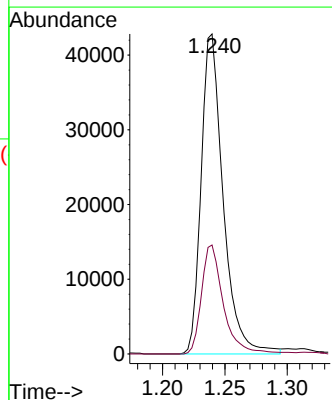
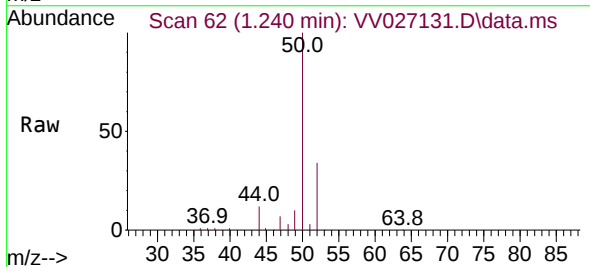
Instrument :
 MSVOA_V
 ClientSampleId :
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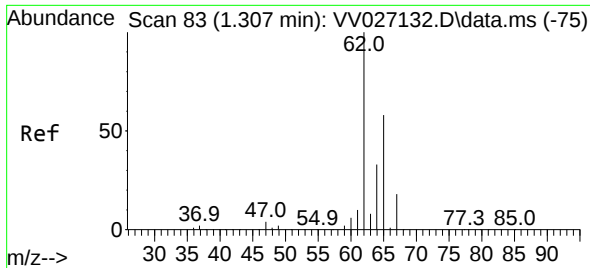
Tgt Ion: 85 Resp: 55830
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.3 39.5



#3
 Chloromethane
 Concen: 9.940 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV027131.D
 Acq: 01 Aug 2022 16:17

Tgt Ion: 50 Resp: 52704
 Ion Ratio Lower Upper
 50 100
 52 34.0 23.7 43.9

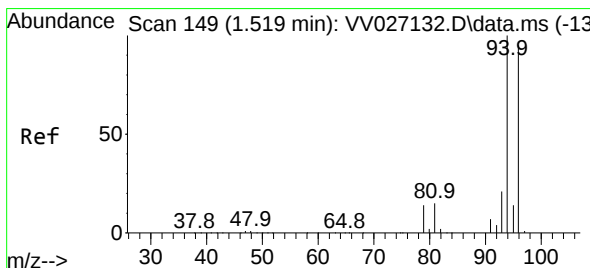
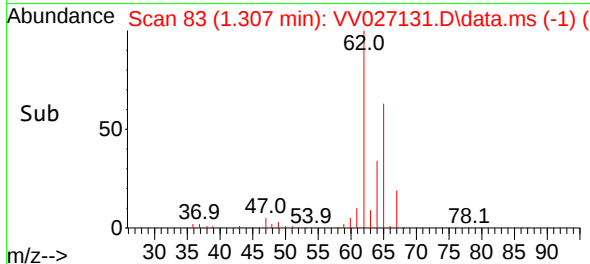
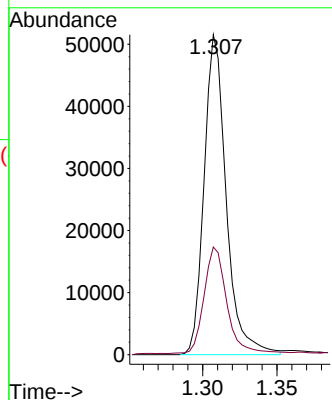
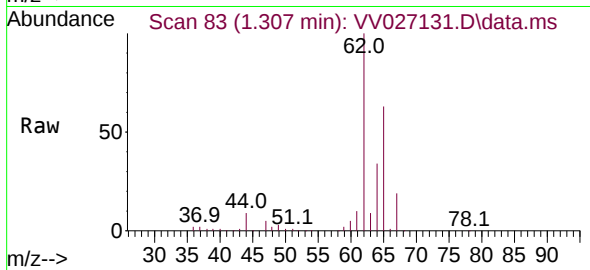




#5
 Vinyl chloride
 Concen: 9.656 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV027131.D
 Acq: 01 Aug 2022 16:17

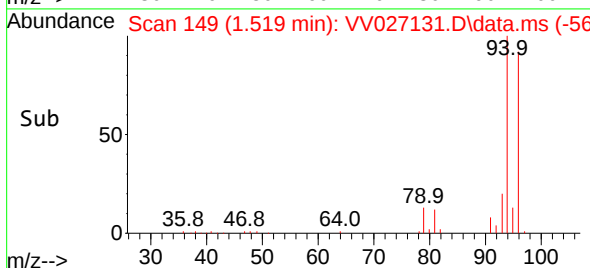
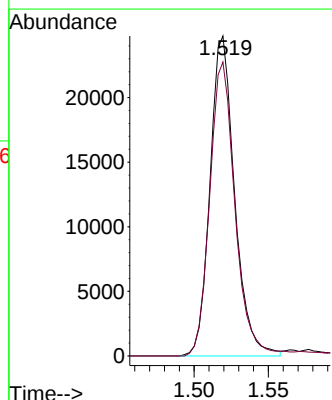
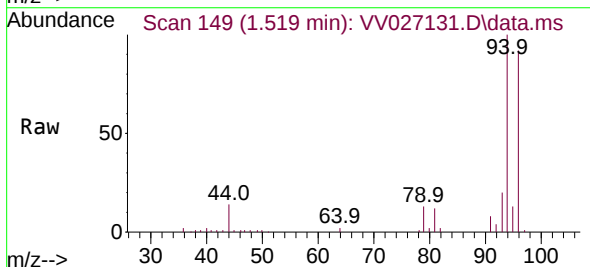
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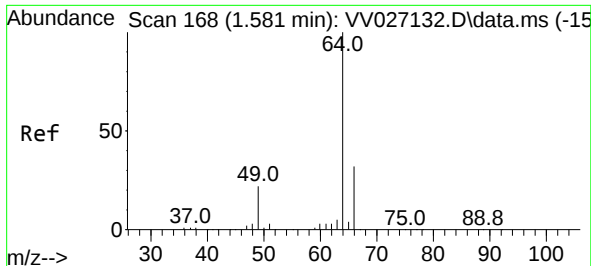
Tgt Ion: 62 Resp: 53295
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.1 42.9



#6
 Bromomethane
 Concen: 9.979 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV027131.D
 Acq: 01 Aug 2022 16:17

Tgt Ion: 94 Resp: 28560
 Ion Ratio Lower Upper
 94 100
 96 91.8 66.6 123.6

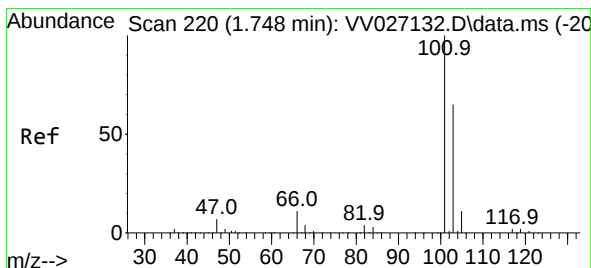
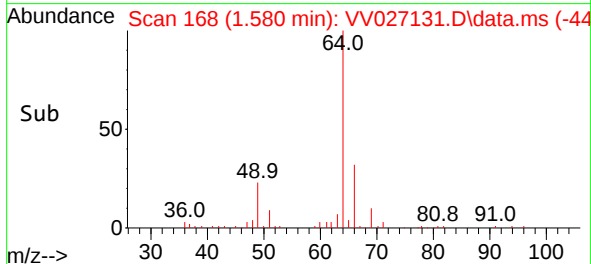
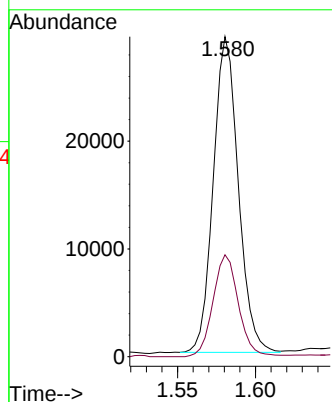
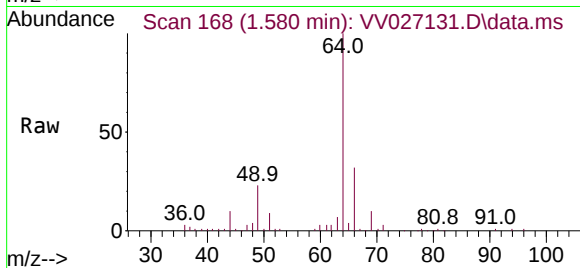




#8
Chloroethane
Concen: 11.034 ug/L
RT: 1.580 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV027131.D
Acq: 01 Aug 2022 16:17

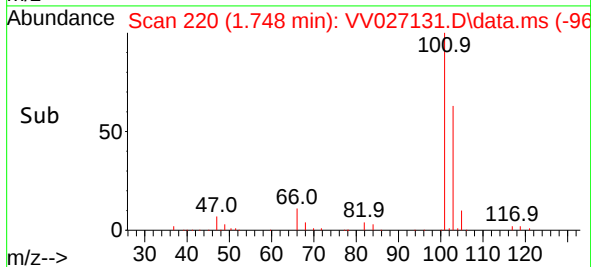
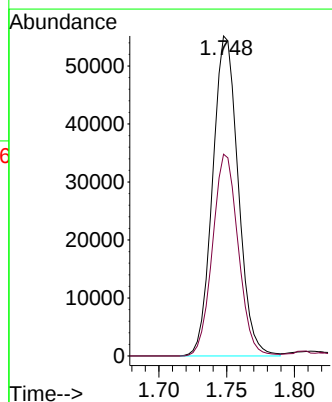
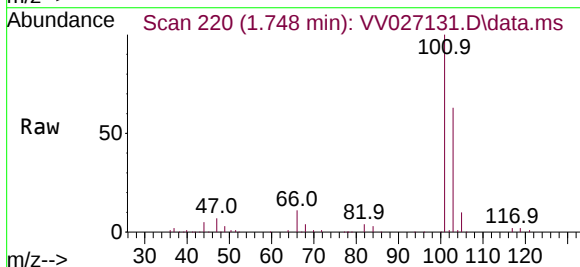
Instrument :
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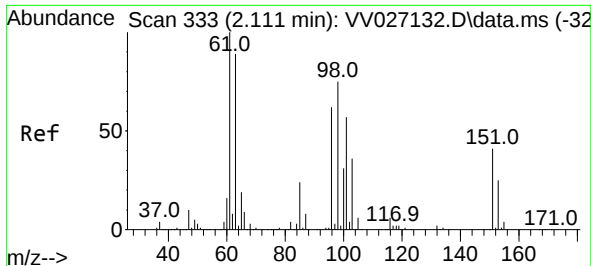
Tgt Ion: 64 Resp: 32629
Ion Ratio Lower Upper
64 100
66 31.9 22.6 42.0



#9
Trichlorofluoromethane
Concen: 9.965 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV027131.D
Acq: 01 Aug 2022 16:17

Tgt Ion: 101 Resp: 72463
Ion Ratio Lower Upper
101 100
103 63.2 51.8 77.8

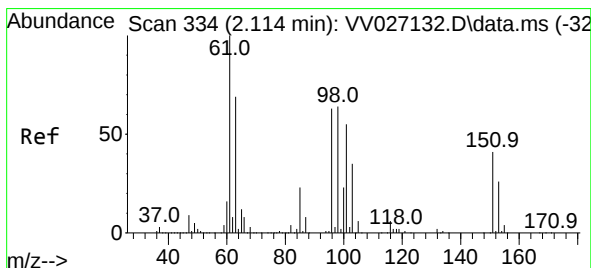
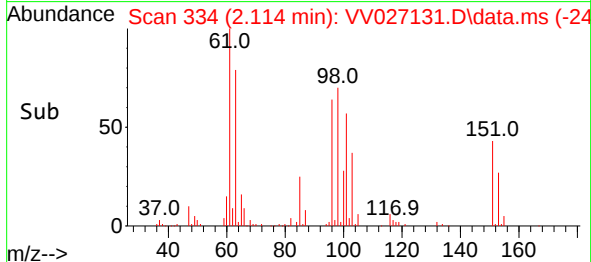
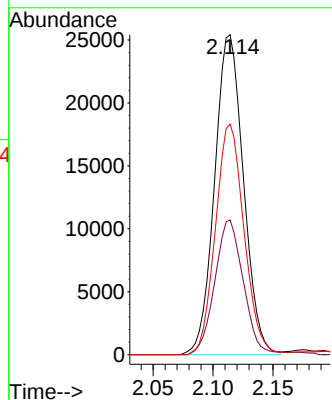
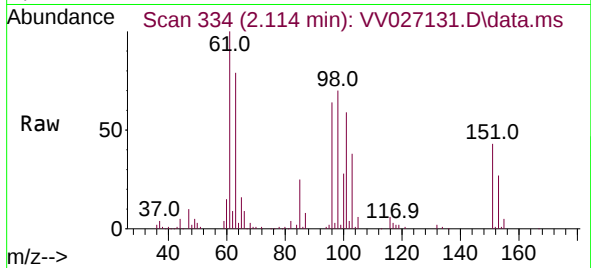




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.198 ug/L
 RT: 2.114 min Scan# 333
 Delta R.T. 0.003 min
 Lab File: VV027131.D
 Acq: 01 Aug 2022 16:17

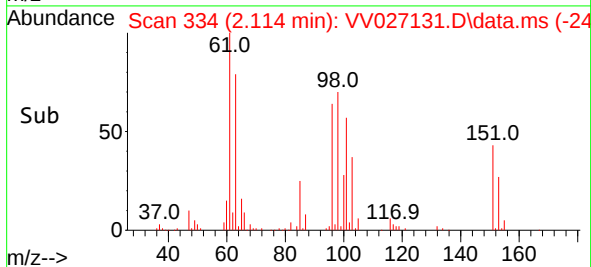
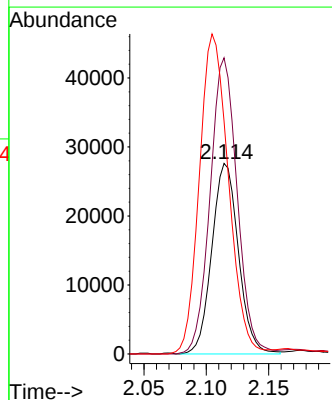
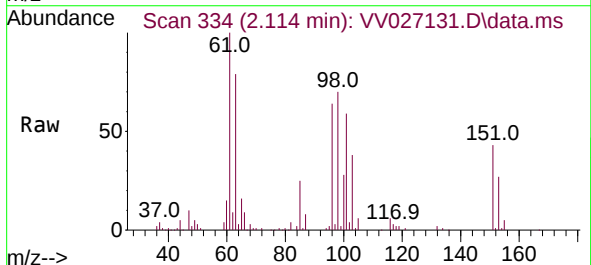
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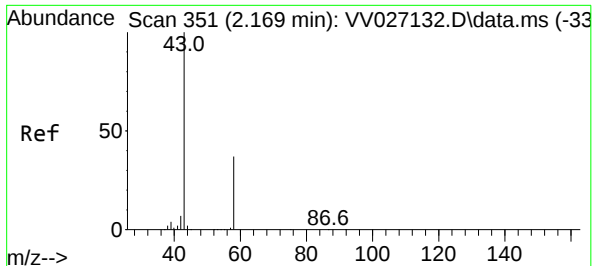
Tgt Ion:101 Resp: 42529
 Ion Ratio Lower Upper
 101 100
 85 41.6 33.9 50.9
 151 71.4 58.4 87.6



#12
 1,1-Dichloroethene
 Concen: 10.134 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV027131.D
 Acq: 01 Aug 2022 16:17

Tgt Ion: 96 Resp: 41066
 Ion Ratio Lower Upper
 96 100
 61 155.4 110.7 205.5
 63 122.3 78.4 145.6





#13

Acetone

Concen: 20.531 ug/L

RT: 2.172 min Scan# 3

Delta R.T. 0.003 min

Lab File: VV027131.D

Acq: 01 Aug 2022 16:17

Instrument :

MSVOA_V

ClientSampleId :

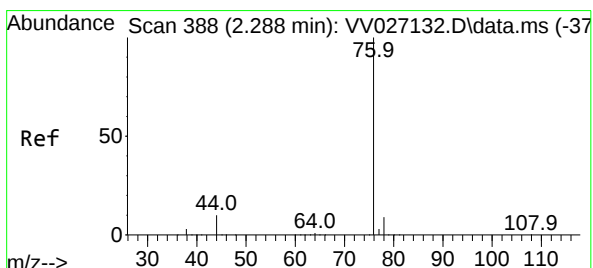
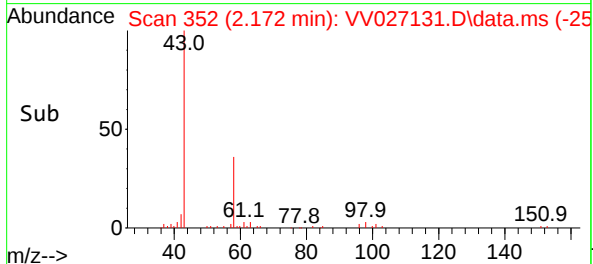
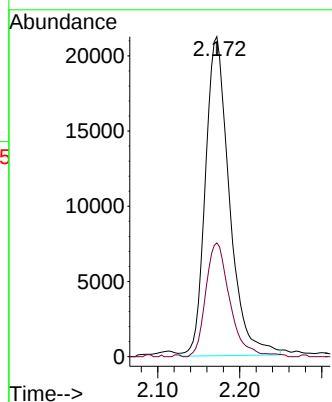
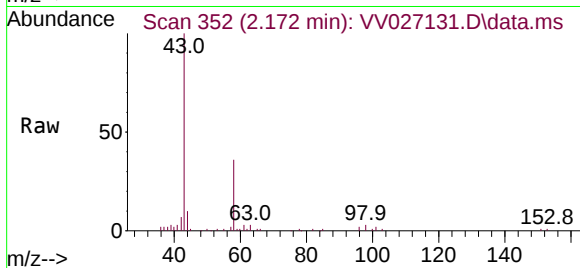
VSTD010247

Tgt Ion: 43 Resp: 43226

Ion Ratio Lower Upper

43 100

58 35.2 0.0 73.6



#14

Carbon disulfide

Concen: 9.693 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.003 min

Lab File: VV027131.D

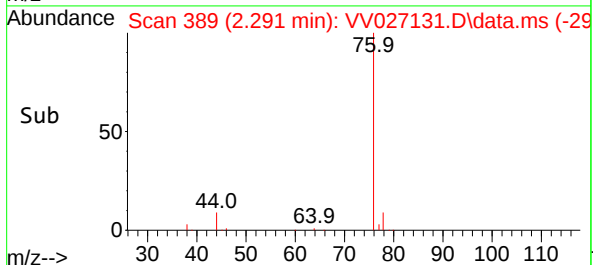
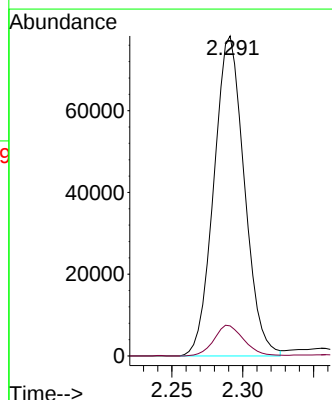
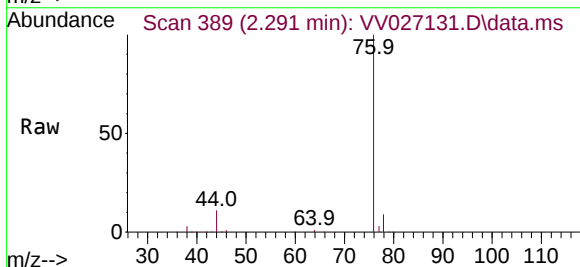
Acq: 01 Aug 2022 16:17

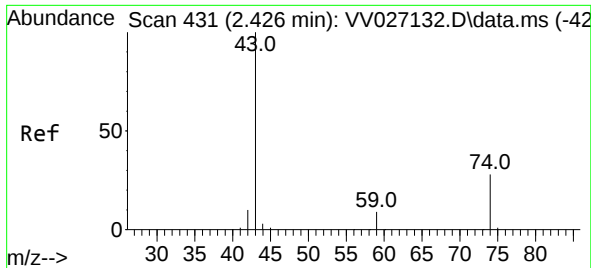
Tgt Ion: 76 Resp: 116969

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

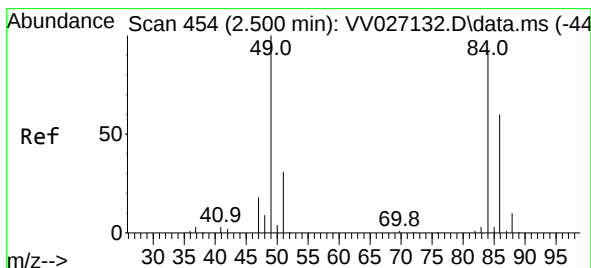
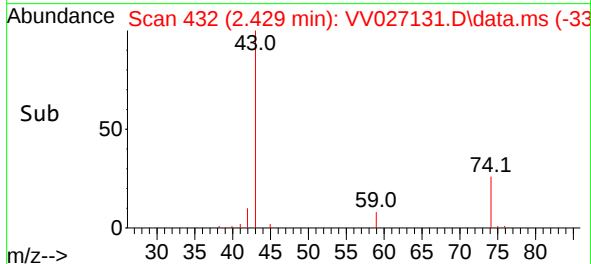
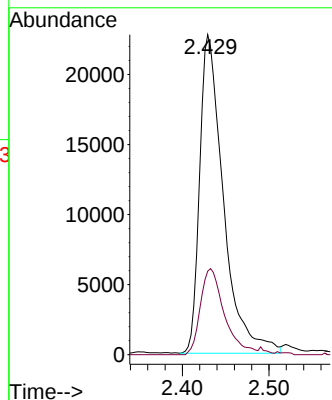
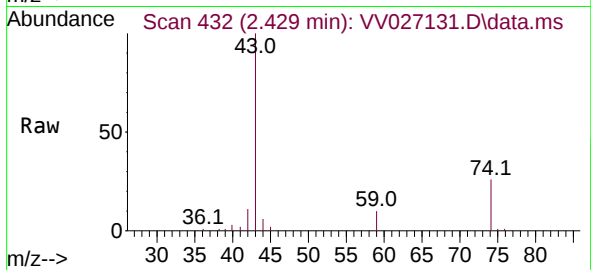




#15
Methyl Acetate
Concen: 9.453 ug/L
RT: 2.429 min Scan# 431
Delta R.T. 0.003 min
Lab File: VV027131.D
Acq: 01 Aug 2022 16:17

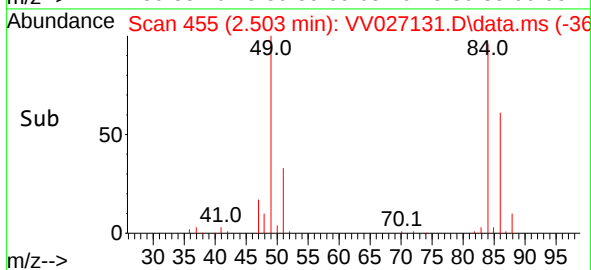
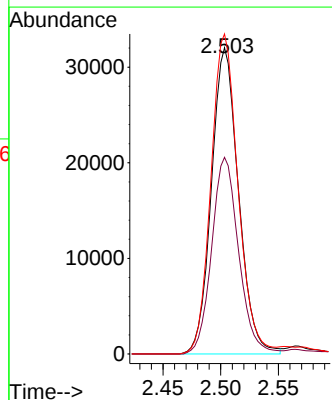
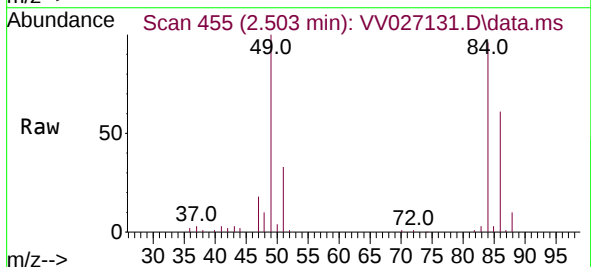
Instrument :
MSVOA_V
ClientSampleId :
VSTD010247

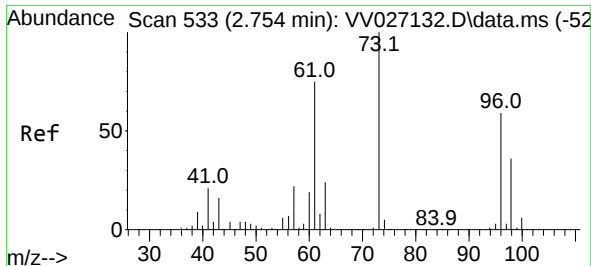
Tgt Ion: 43 Resp: 43300
Ion Ratio Lower Upper
43 100
74 27.3 22.4 33.6



#16
Methylene chloride
Concen: 10.178 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV027131.D
Acq: 01 Aug 2022 16:17

Tgt Ion: 84 Resp: 52277
Ion Ratio Lower Upper
84 100
86 64.2 45.3 84.1
49 104.5 76.0 141.2





#17

trans-1,2-Dichloroethene

Concen: 9.674 ug/L

RT: 2.757 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV027131.D

Acq: 01 Aug 2022 16:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD010247

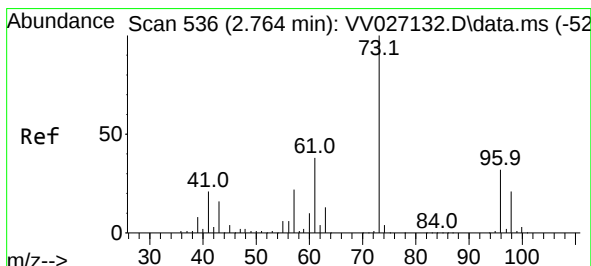
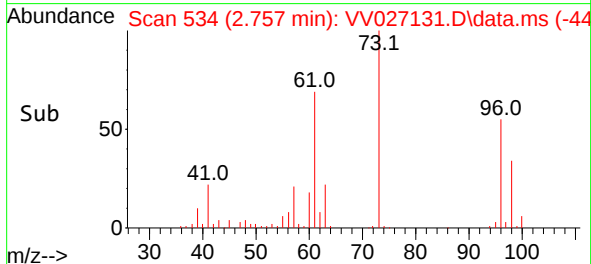
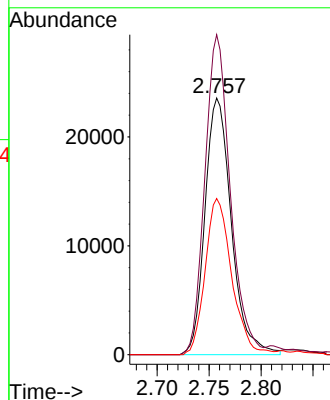
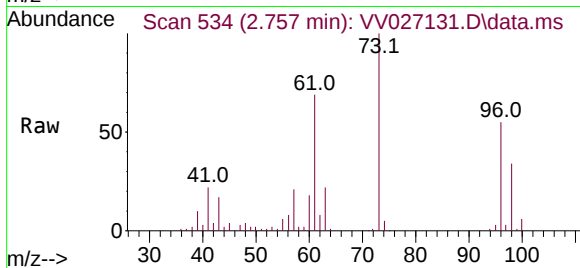
Tgt Ion: 96 Resp: 41726

Ion Ratio Lower Upper

96 100

61 124.7 89.2 165.6

98 60.8 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 8.859 ug/L

RT: 2.767 min Scan# 537

Delta R.T. 0.003 min

Lab File: VV027131.D

Acq: 01 Aug 2022 16:17

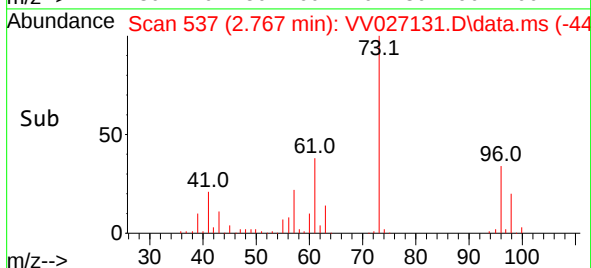
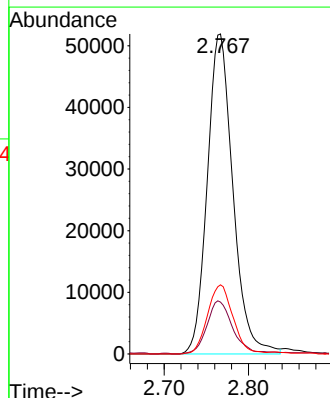
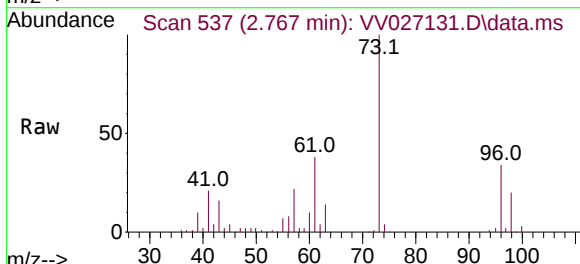
Tgt Ion: 73 Resp: 109770

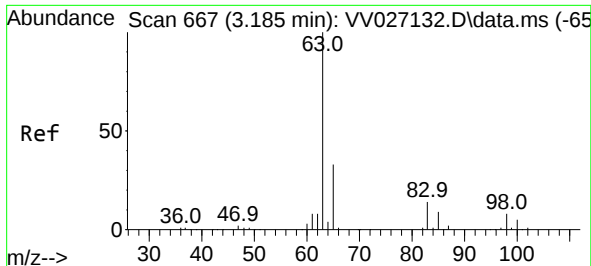
Ion Ratio Lower Upper

73 100

43 16.5 12.6 18.8

57 21.5 17.2 25.8





#19

1,1-Dichloroethane

Concen: 9.784 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV027131.D

Acq: 01 Aug 2022 16:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD010247

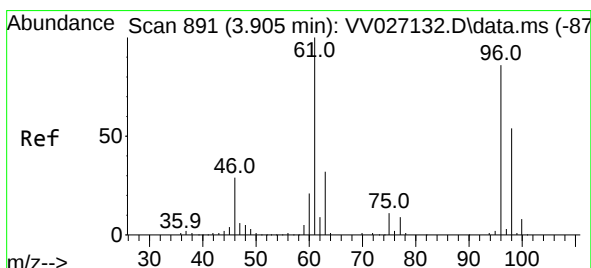
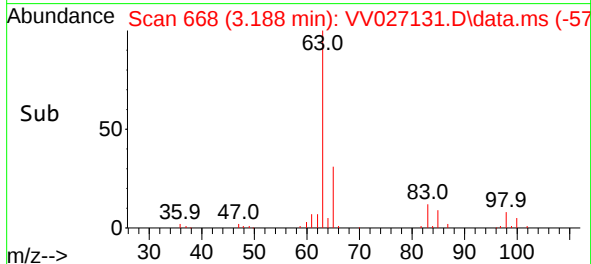
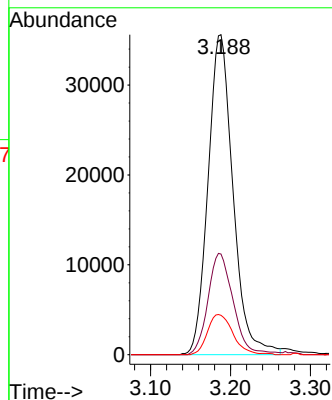
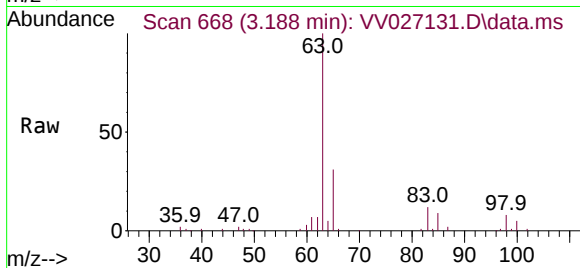
Tgt Ion: 63 Resp: 77272

Ion Ratio Lower Upper

63 100

65 31.4 22.9 42.5

83 12.3 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 8.814 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.003 min

Lab File: VV027131.D

Acq: 01 Aug 2022 16:17

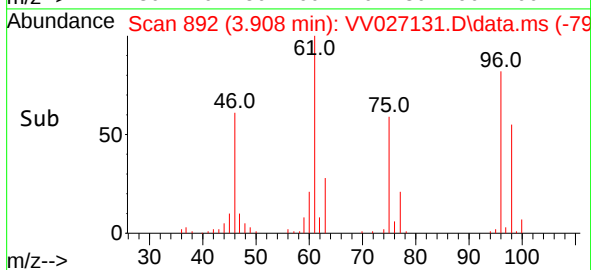
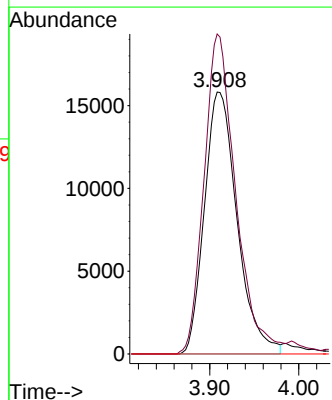
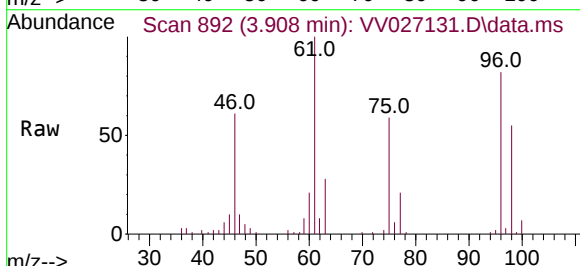
Tgt Ion: 96 Resp: 40353

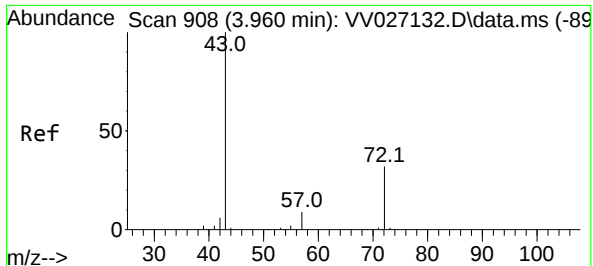
Ion Ratio Lower Upper

96 100

61 122.2 81.7 151.7

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 16.998 ug/L

RT: 3.979 min Scan# 914

Delta R.T. 0.019 min

Lab File: VV027131.D

Acq: 01 Aug 2022 16:17

Instrument :

MSVOA_V

ClientSampleId :

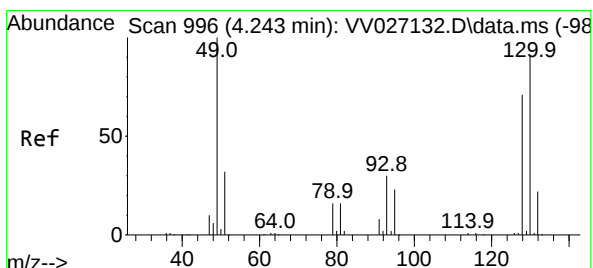
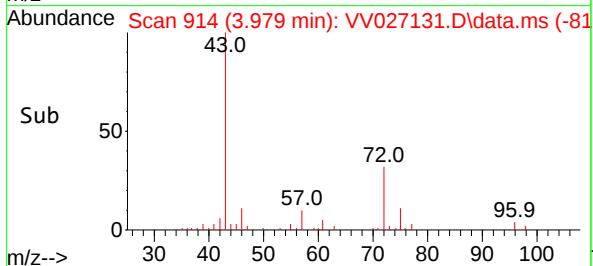
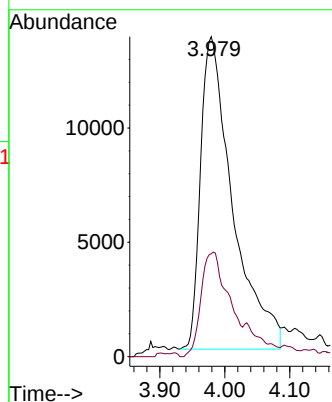
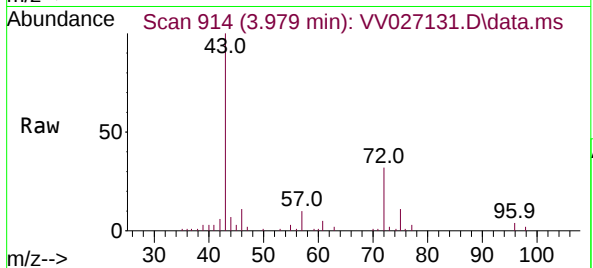
VSTD010247

Tgt Ion: 43 Resp: 46994

Ion Ratio Lower Upper

43 100

72 28.5 15.7 47.1



#23

Bromochloromethane

Concen: 9.451 ug/L

RT: 4.246 min Scan# 997

Delta R.T. 0.003 min

Lab File: VV027131.D

Acq: 01 Aug 2022 16:17

Tgt Ion: 128 Resp: 24584

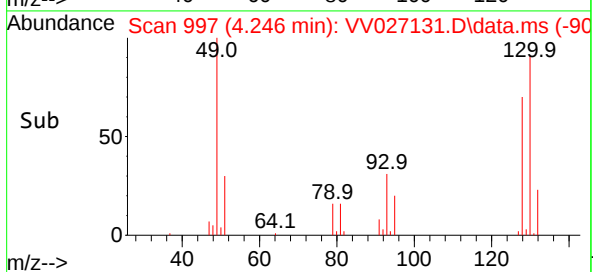
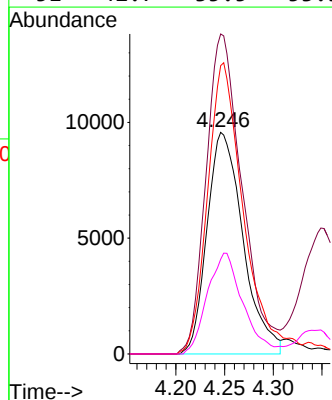
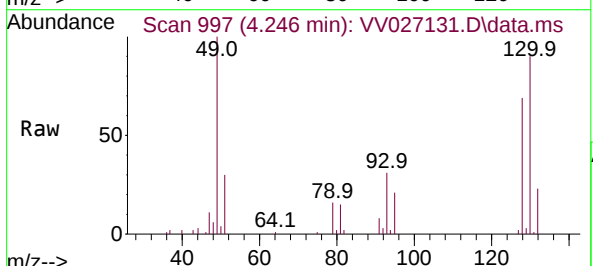
Ion Ratio Lower Upper

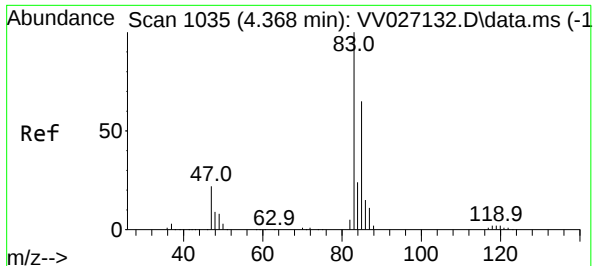
128 100

49 144.4 98.6 183.2

130 130.1 89.7 166.5

51 42.7 35.5 53.3





#25

Chloroform

Concen: 9.919 ug/L

RT: 4.375 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VV027131.D

Acq: 01 Aug 2022 16:17

Instrument :

MSVOA_V

ClientSampleId :

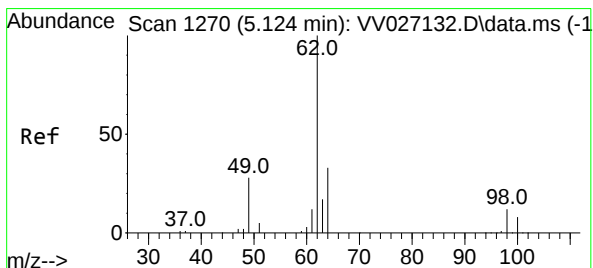
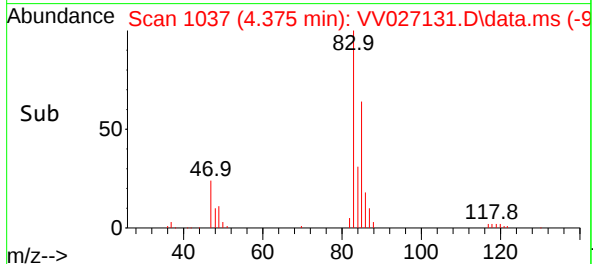
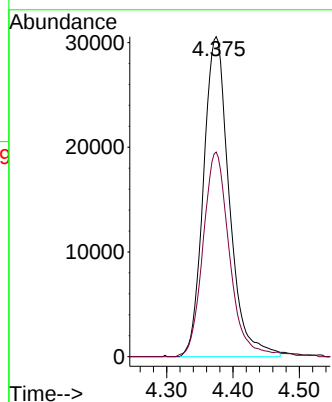
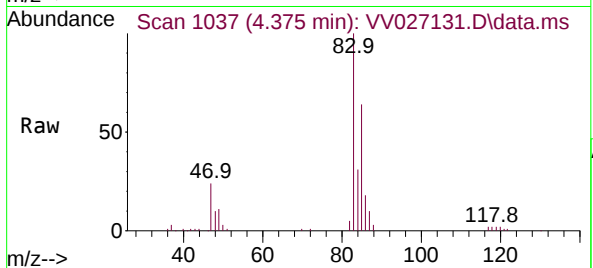
VSTD010247

Tgt Ion: 83 Resp: 82488

Ion Ratio Lower Upper

83 100

85 64.0 45.3 84.1



#27

1,2-Dichloroethane

Concen: 9.652 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.006 min

Lab File: VV027131.D

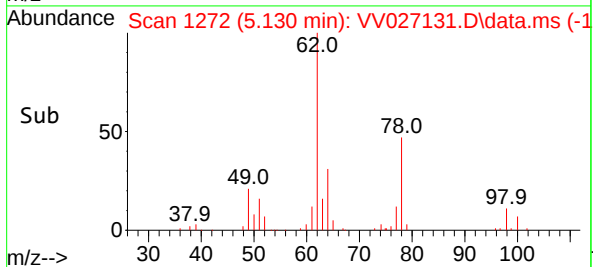
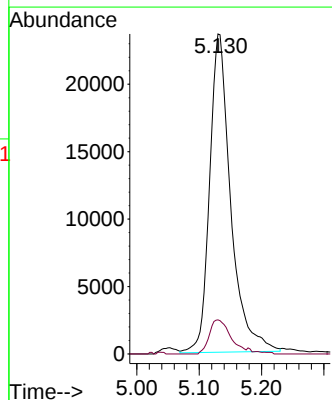
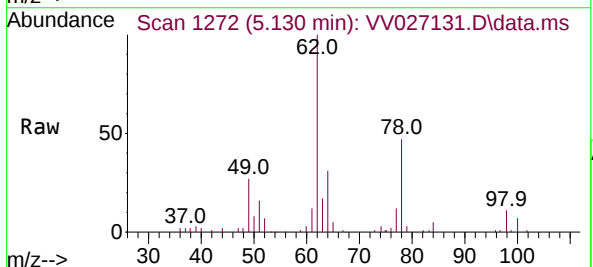
Acq: 01 Aug 2022 16:17

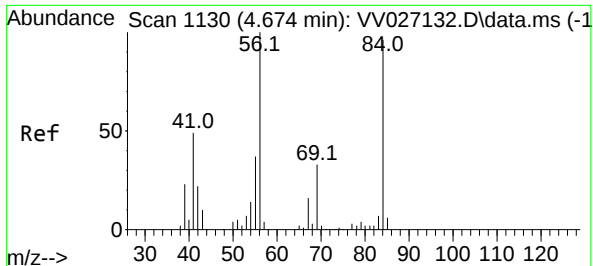
Tgt Ion: 62 Resp: 55575

Ion Ratio Lower Upper

62 100

98 10.6 9.2 13.8





#29

Cyclohexane

Concen: 8.417 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VV027131.D

Acq: 01 Aug 2022 16:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD010247

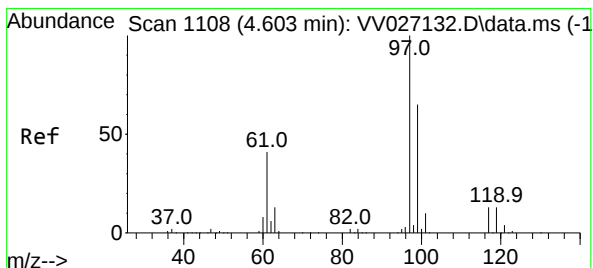
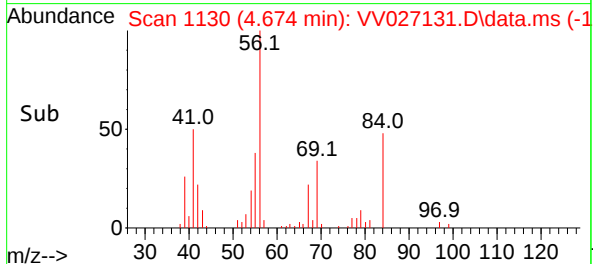
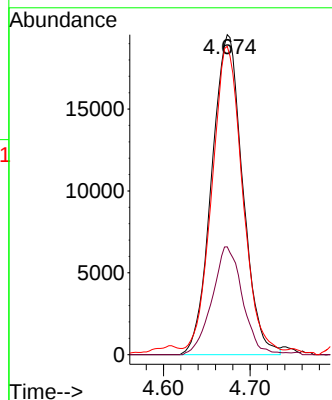
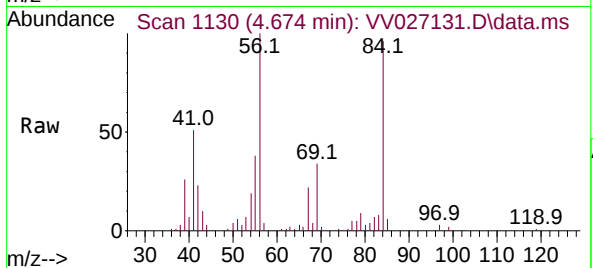
Tgt Ion: 56 Resp: 48705

Ion Ratio Lower Upper

56 100

69 32.8 26.1 39.1

84 95.9 77.3 115.9



#30

1,1,1-Trichloroethane

Concen: 9.624 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV027131.D

Acq: 01 Aug 2022 16:17

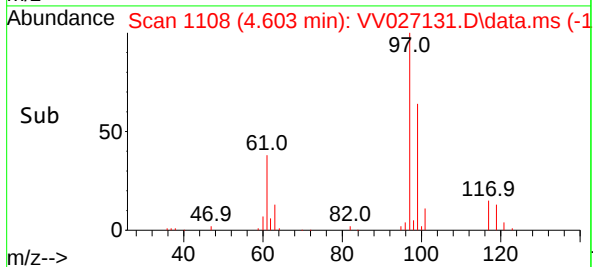
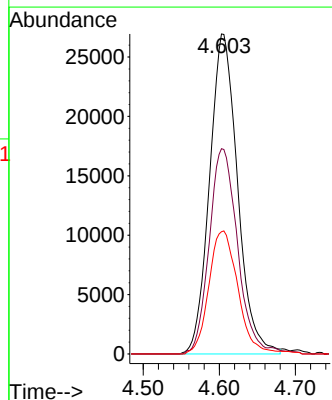
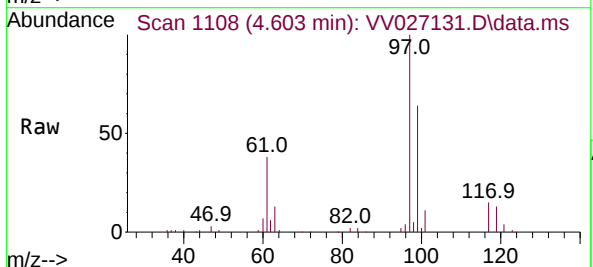
Tgt Ion: 97 Resp: 68979

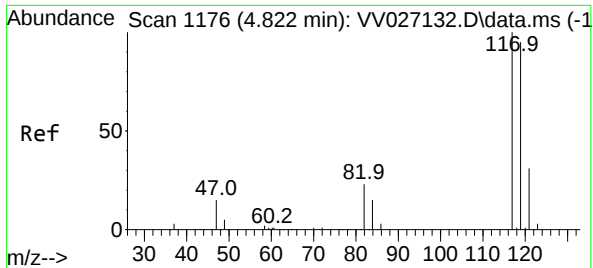
Ion Ratio Lower Upper

97 100

99 64.3 51.8 77.8

61 39.8 32.7 49.1

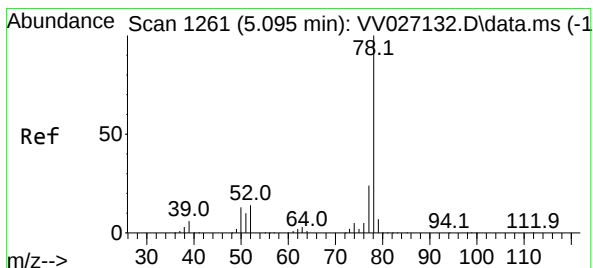
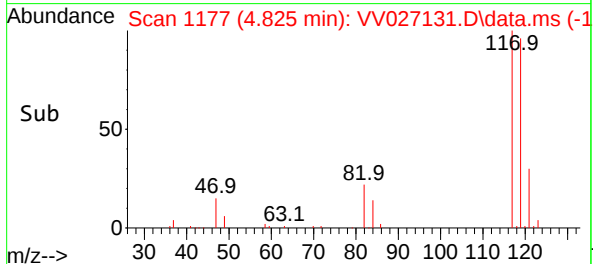
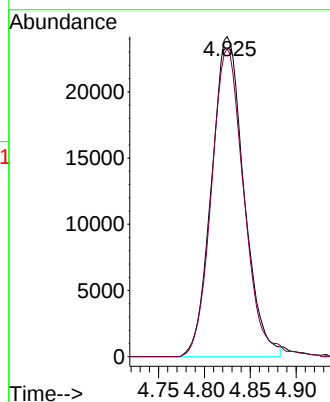
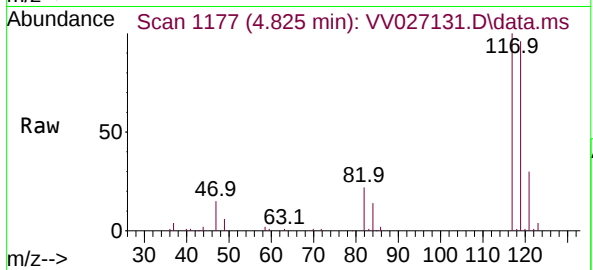




#31
Carbon tetrachloride
Concen: 9.588 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV027131.D
Acq: 01 Aug 2022 16:17

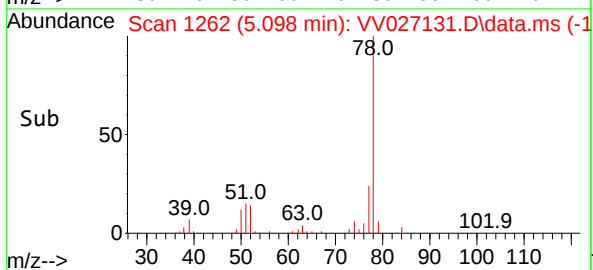
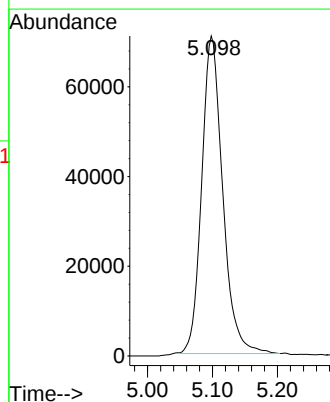
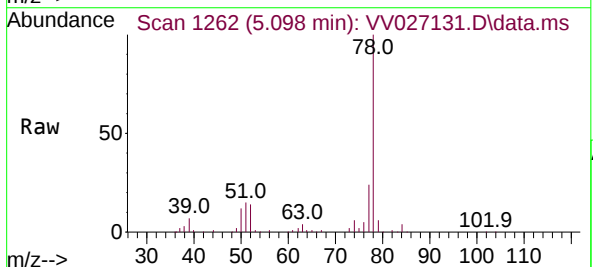
Instrument :
MSVOA_V
ClientSampleId :
VSTD010247

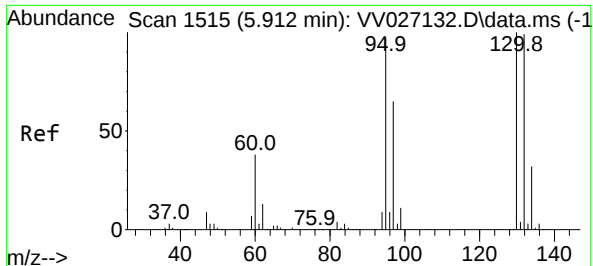
Tgt Ion:117 Resp: 59090
Ion Ratio Lower Upper
117 100
119 96.3 77.1 115.7



#33
Benzene
Concen: 9.091 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV027131.D
Acq: 01 Aug 2022 16:17

Tgt Ion: 78 Resp: 159368

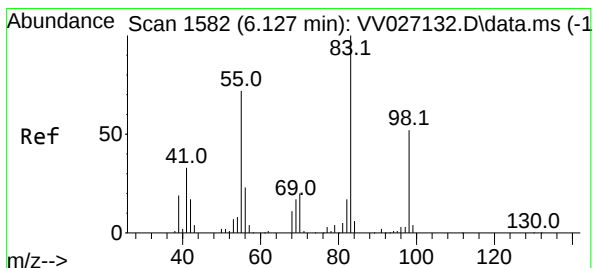
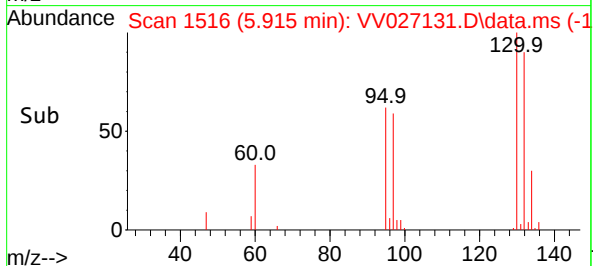
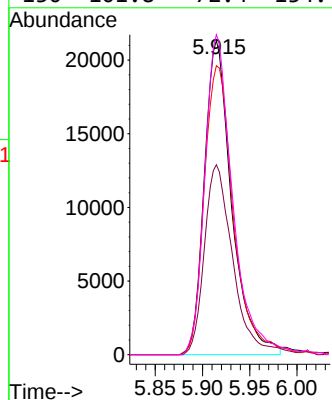
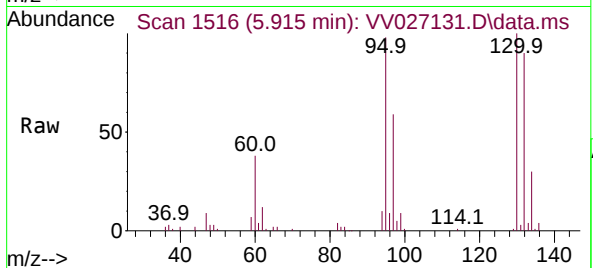




#34
Trichloroethene
Concen: 9.503 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV027131.D
Acq: 01 Aug 2022 16:17

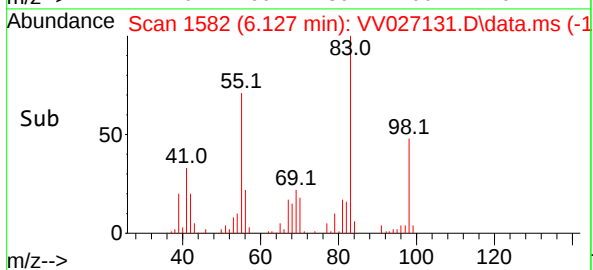
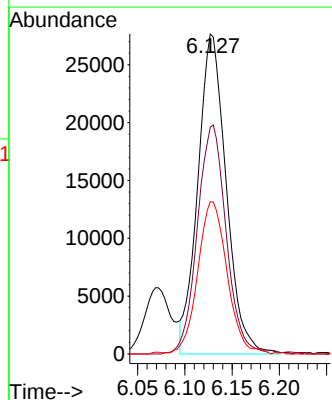
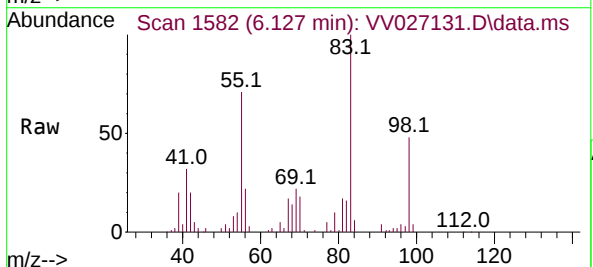
Instrument :
MSVOA_V
ClientSampleId :
VSTD010247

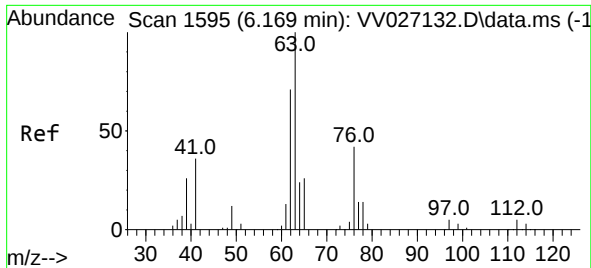
Tgt Ion: 95 Resp: 42841
Ion Ratio Lower Upper
95 100
97 60.5 47.0 87.2
132 91.9 71.5 132.7
130 101.8 72.4 134.4



#35
Methylcyclohexane
Concen: 8.635 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV027131.D
Acq: 01 Aug 2022 16:17

Tgt Ion: 83 Resp: 57778
Ion Ratio Lower Upper
83 100
55 72.5 56.2 84.4
98 47.8 39.6 59.4

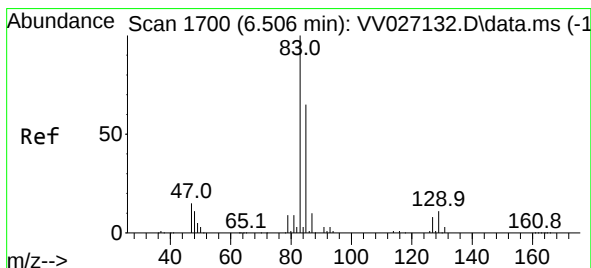
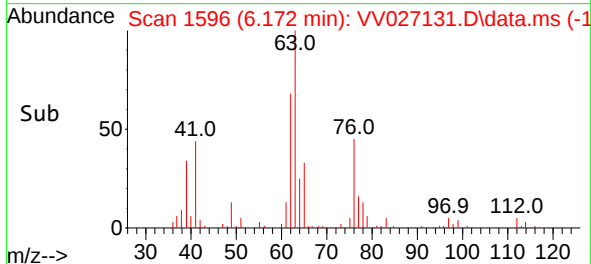
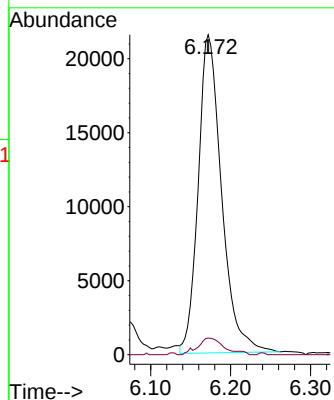
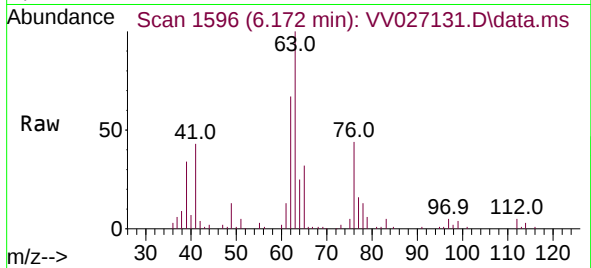




#37
1,2-Dichloropropane
Concen: 9.520 ug/L
RT: 6.172 min Scan# 1595
Delta R.T. 0.003 min
Lab File: VV027131.D
Acq: 01 Aug 2022 16:17

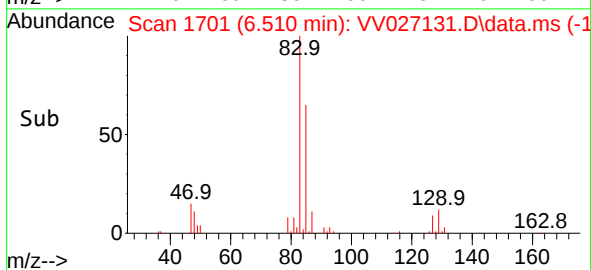
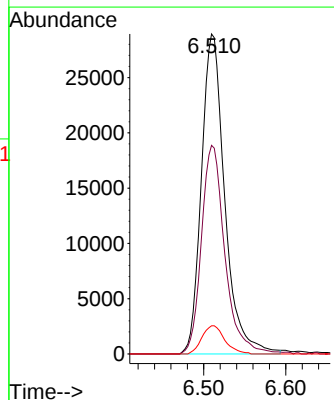
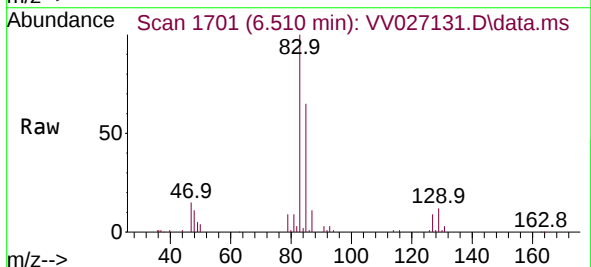
Instrument :
MSVOA_V
ClientSampleId :
VSTD010247

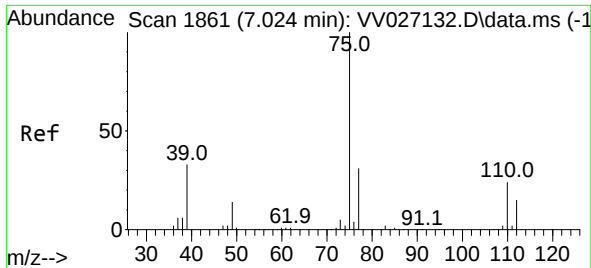
Tgt Ion: 63 Resp: 43812
Ion Ratio Lower Upper
63 100
112 3.8 4.0 6.0#



#38
Bromodichloromethane
Concen: 9.386 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VV027131.D
Acq: 01 Aug 2022 16:17

Tgt Ion: 83 Resp: 57216
Ion Ratio Lower Upper
83 100
85 65.2 45.1 83.9
127 8.8 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 8.485 ug/L

RT: 7.030 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV027131.D

Acq: 01 Aug 2022 16:17

Instrument :

MSVOA_V

ClientSampleId :

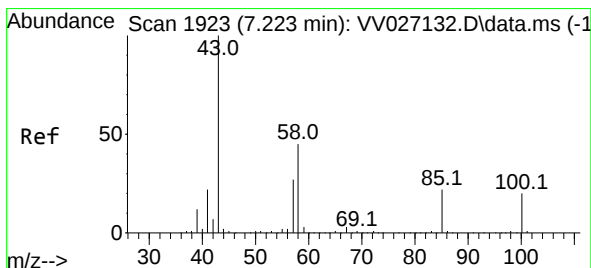
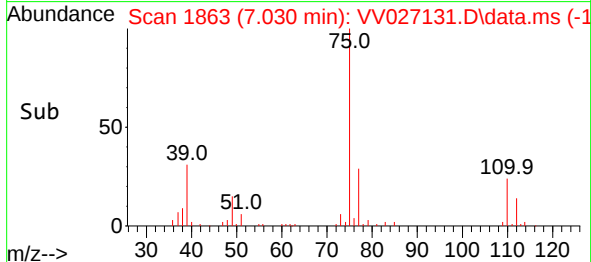
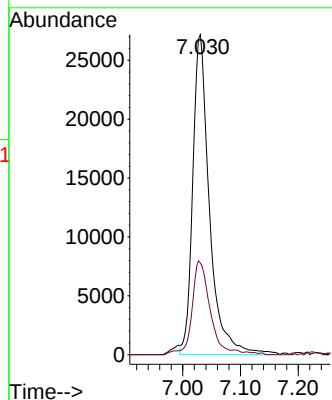
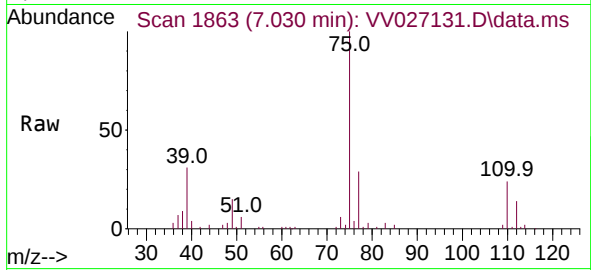
VSTD010247

Tgt Ion: 75 Resp: 54779

Ion Ratio Lower Upper

75 100

77 28.7 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 16.856 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.006 min

Lab File: VV027131.D

Acq: 01 Aug 2022 16:17

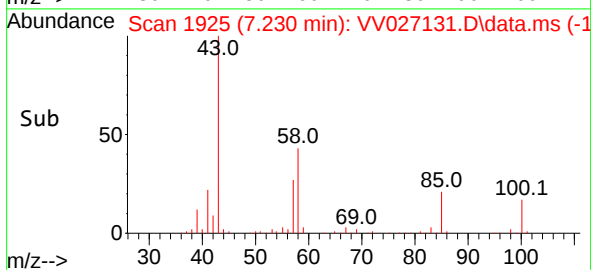
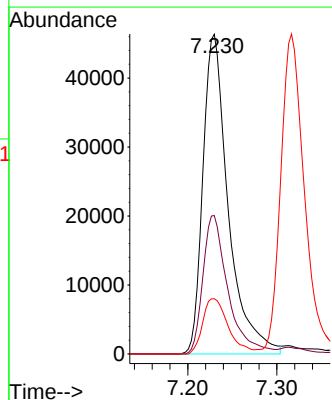
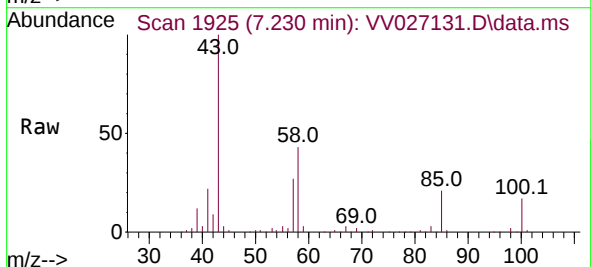
Tgt Ion: 43 Resp: 91683

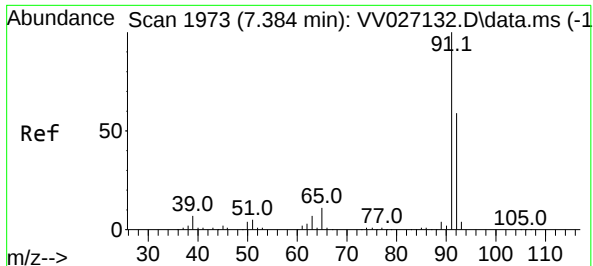
Ion Ratio Lower Upper

43 100

58 42.8 36.1 54.1

100 17.4 15.8 23.6

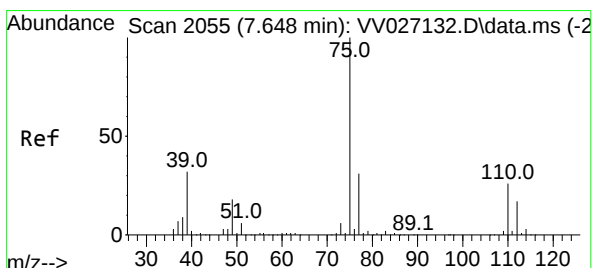
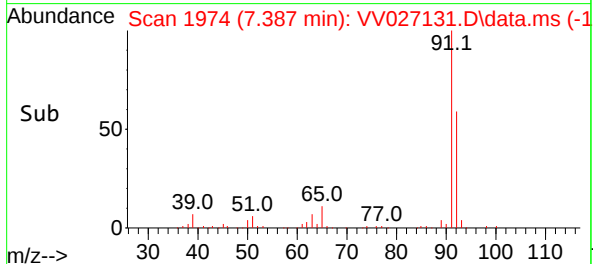
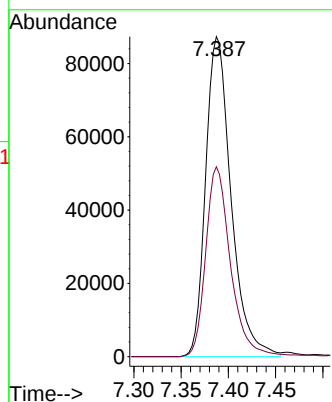
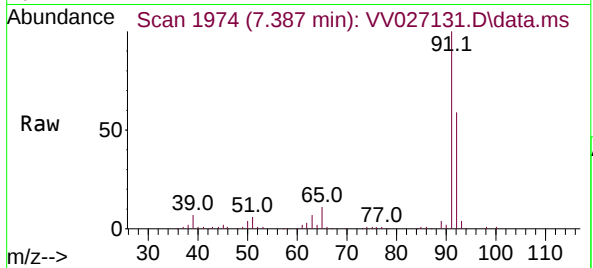




#42
Toluene
Concen: 9.030 ug/L
RT: 7.387 min Scan# 1973
Delta R.T. 0.003 min
Lab File: VV027131.D
Acq: 01 Aug 2022 16:17

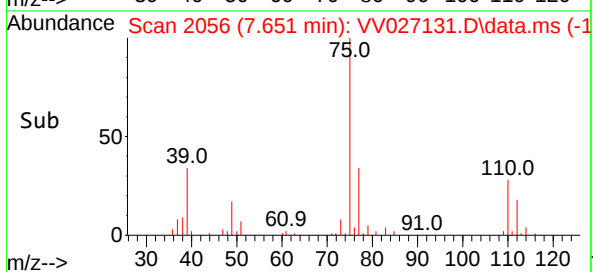
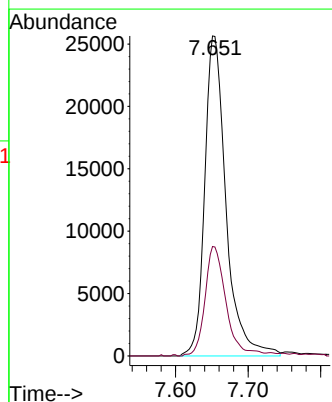
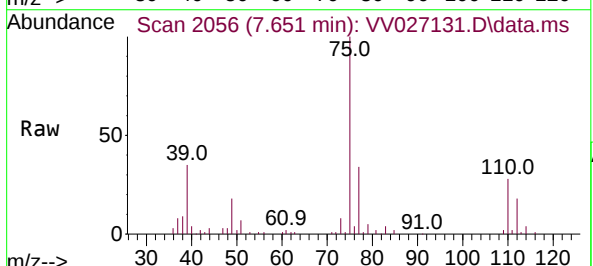
Instrument :
MSVOA_V
ClientSampleId :
VSTD010247

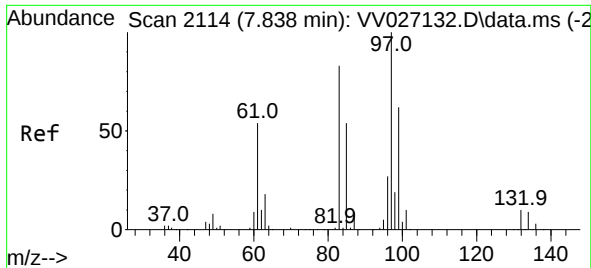
Tgt Ion: 91 Resp: 163313
Ion Ratio Lower Upper
91 100
92 59.4 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 8.439 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VV027131.D
Acq: 01 Aug 2022 16:17

Tgt Ion: 75 Resp: 52347
Ion Ratio Lower Upper
75 100
77 34.2 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 9.636 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.003 min

Lab File: VV027131.D

Acq: 01 Aug 2022 16:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD010247

Tgt Ion: 97 Resp: 46615

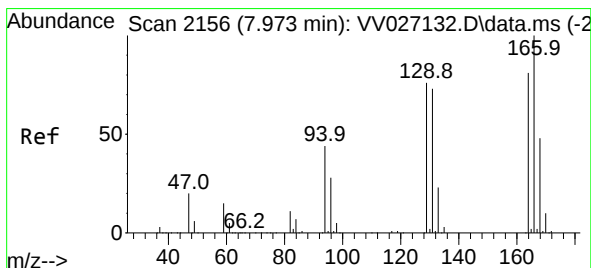
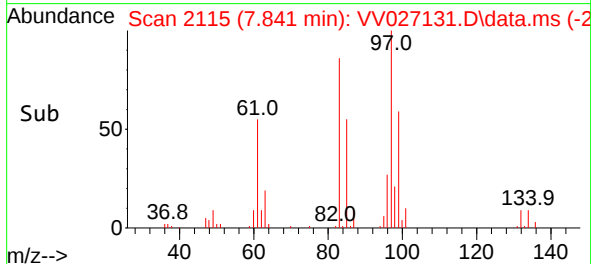
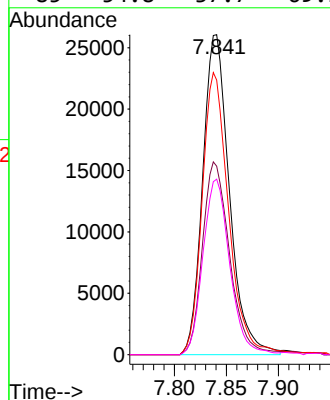
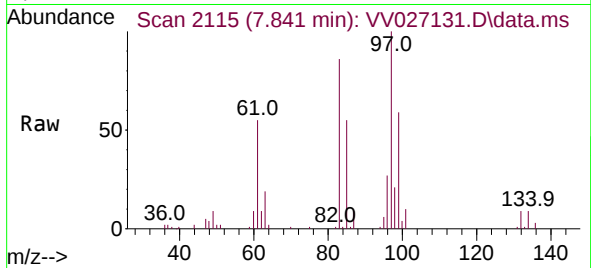
Ion Ratio Lower Upper

97 100

99 58.9 43.3 80.5

83 85.8 58.2 108.2

85 54.8 37.7 69.9



#46

Tetrachloroethene

Concen: 9.407 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV027131.D

Acq: 01 Aug 2022 16:17

Tgt Ion: 164 Resp: 32377

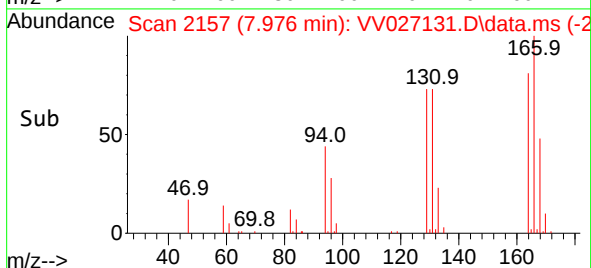
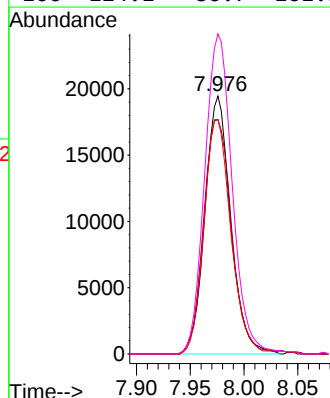
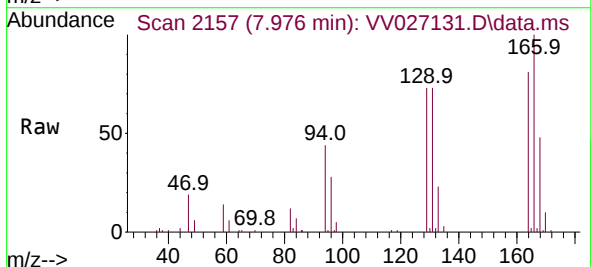
Ion Ratio Lower Upper

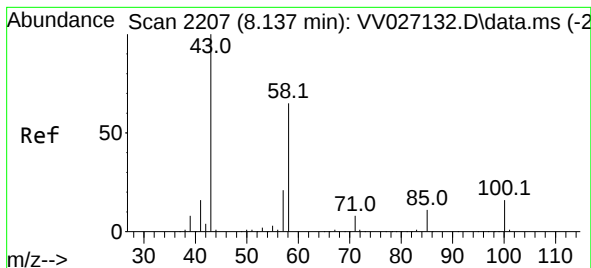
164 100

129 90.8 66.0 122.6

131 91.0 63.1 117.1

166 124.1 86.7 161.1





#48

2-Hexanone

Concen: 16.656 ug/L

RT: 8.143 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV027131.D

Acq: 01 Aug 2022 16:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD010247

Tgt Ion: 43 Resp: 70439

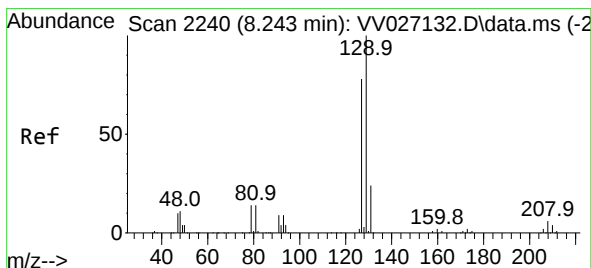
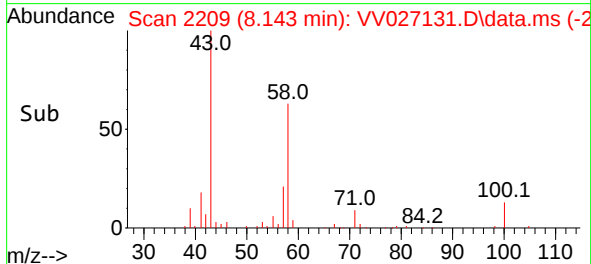
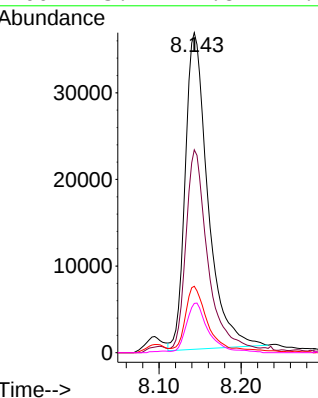
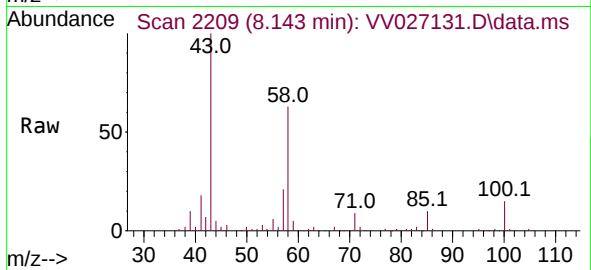
Ion Ratio Lower Upper

43 100

58 63.2 51.3 76.9

57 17.9 16.7 25.1

100 15.4 12.8 19.2



#49

Dibromochloromethane

Concen: 9.239 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. 0.003 min

Lab File: VV027131.D

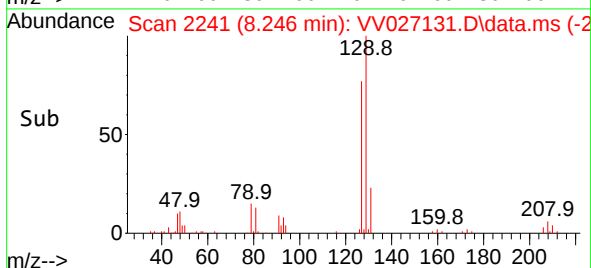
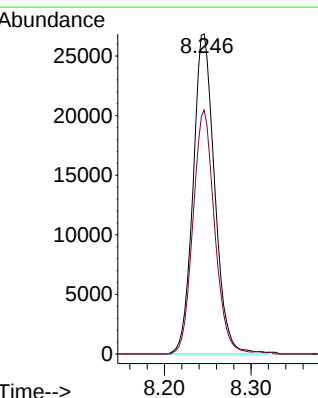
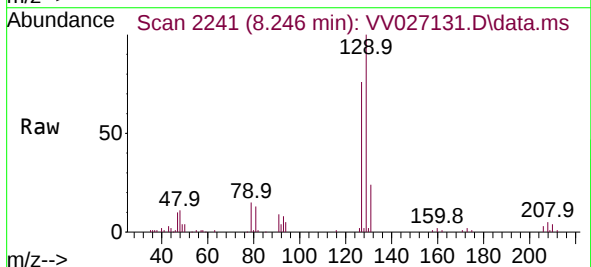
Acq: 01 Aug 2022 16:17

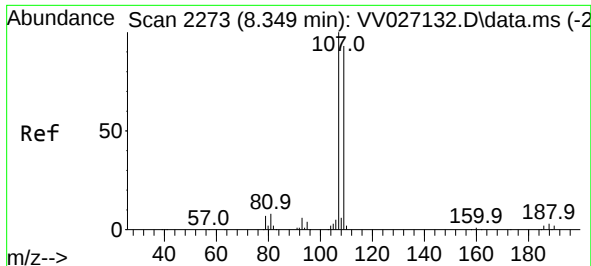
Tgt Ion: 129 Resp: 46397

Ion Ratio Lower Upper

129 100

127 76.2 54.5 101.3





#50

1,2-Dibromoethane

Concen: 9.655 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV027131.D

Acq: 01 Aug 2022 16:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD010247

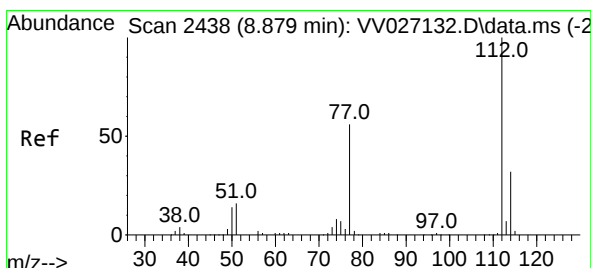
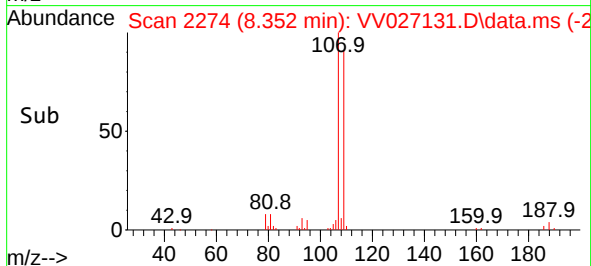
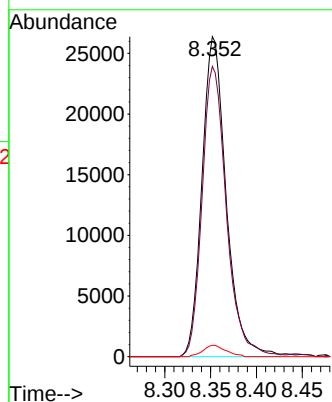
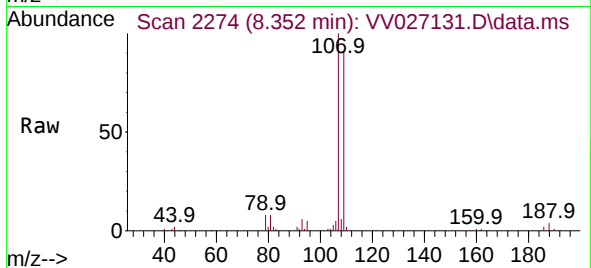
Tgt Ion:107 Resp: 48358

Ion Ratio Lower Upper

107 100

109 90.7 65.3 121.3

188 3.5 2.6 4.0



#51

Chlorobenzene

Concen: 9.408 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV027131.D

Acq: 01 Aug 2022 16:17

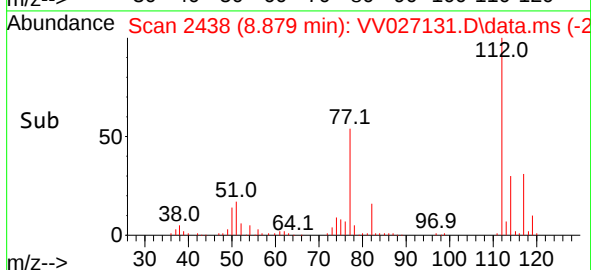
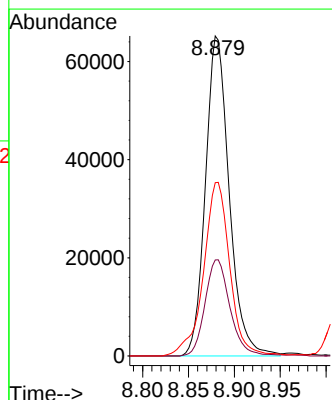
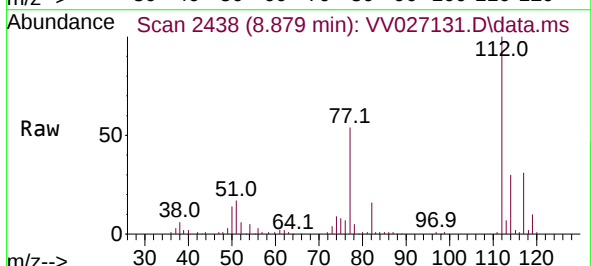
Tgt Ion:112 Resp: 117740

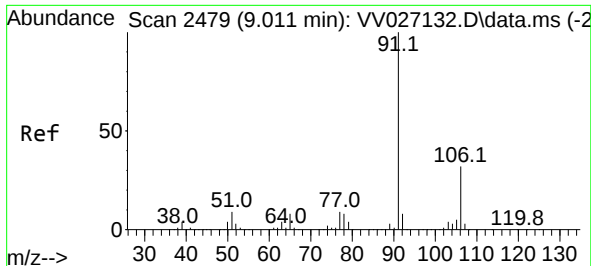
Ion Ratio Lower Upper

112 100

114 30.0 22.3 41.3

77 54.2 44.9 67.3

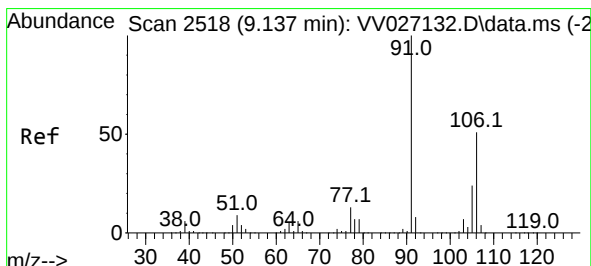
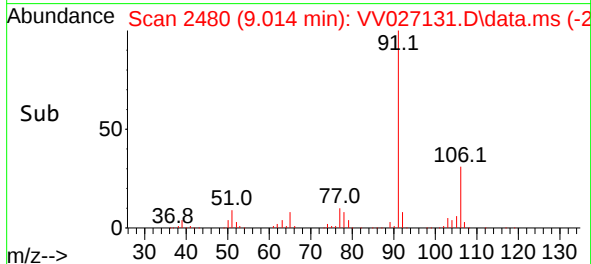
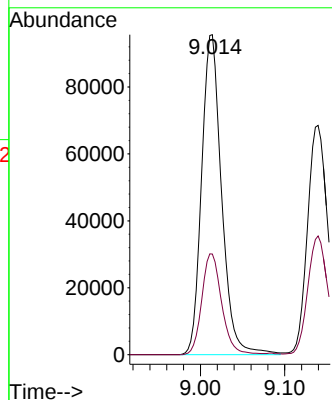
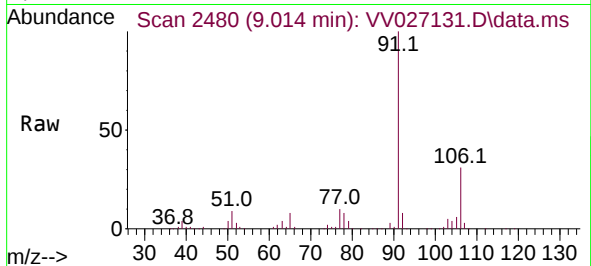




#52
Ethylbenzene
Concen: 8.530 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV027131.D
Acq: 01 Aug 2022 16:17

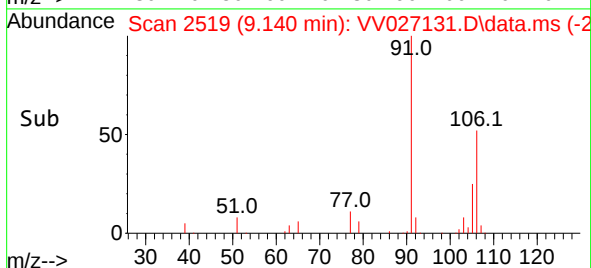
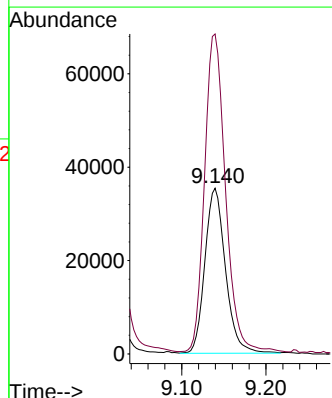
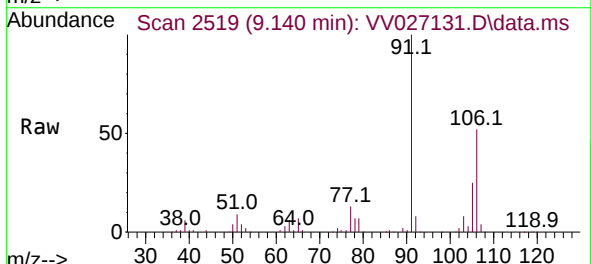
Instrument :
MSVOA_V
ClientSampleId :
VSTD010247

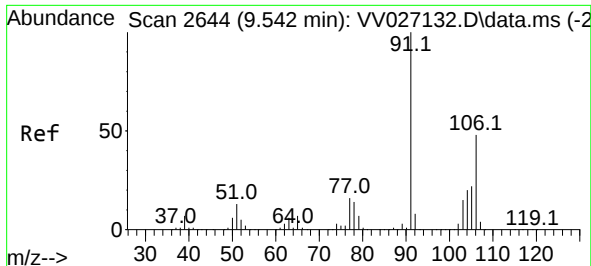
Tgt Ion: 91 Resp: 158086
Ion Ratio Lower Upper
91 100
106 31.4 22.1 41.1



#53
m,p-Xylene
Concen: 8.286 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV027131.D
Acq: 01 Aug 2022 16:17

Tgt Ion: 106 Resp: 60242
Ion Ratio Lower Upper
106 100
91 193.1 138.5 257.3

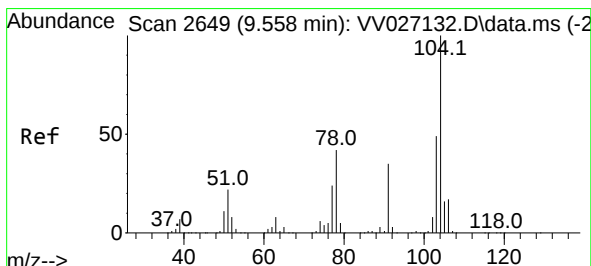
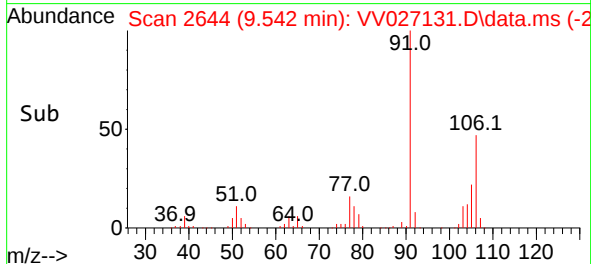
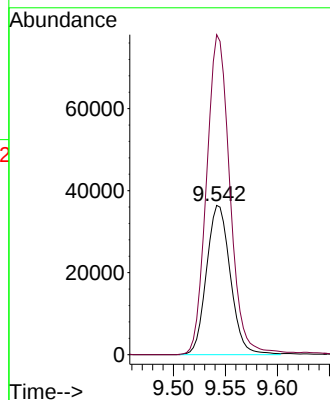
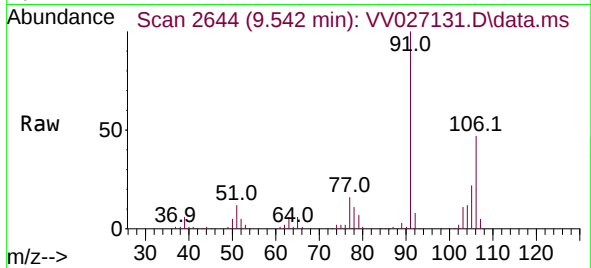




#54
o-Xylene
Concen: 8.164 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027131.D
Acq: 01 Aug 2022 16:17

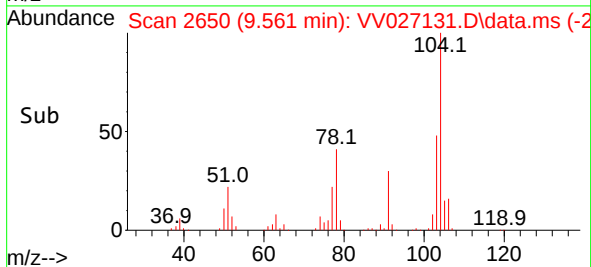
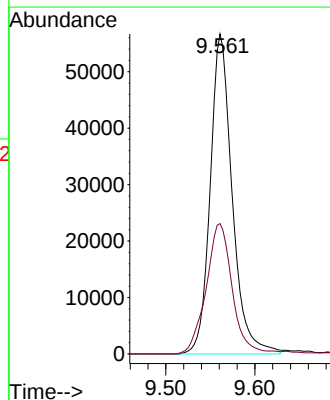
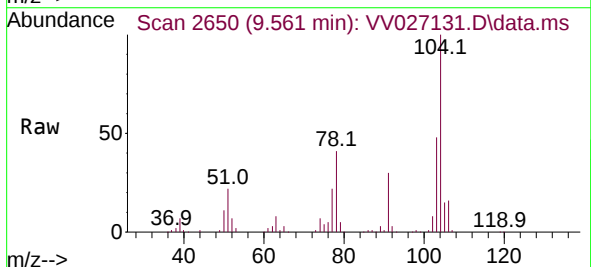
Instrument :
MSVOA_V
ClientSampleId :
VSTD010247

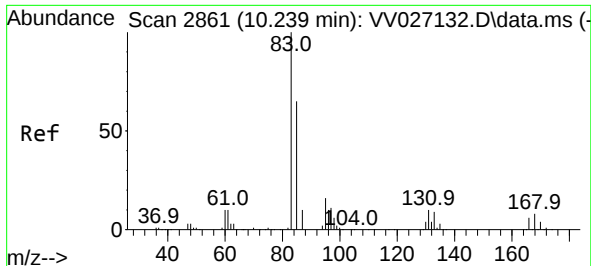
Tgt Ion:106 Resp: 58105
Ion Ratio Lower Upper
106 100
91 214.4 145.1 269.5



#55
Styrene
Concen: 7.862 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV027131.D
Acq: 01 Aug 2022 16:17

Tgt Ion:104 Resp: 97243
Ion Ratio Lower Upper
104 100
78 40.8 29.2 54.2





#57

1,1,2,2-Tetrachloroethane

Concen: 9.618 ug/L

RT: 10.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV027131.D

Acq: 01 Aug 2022 16:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD010247

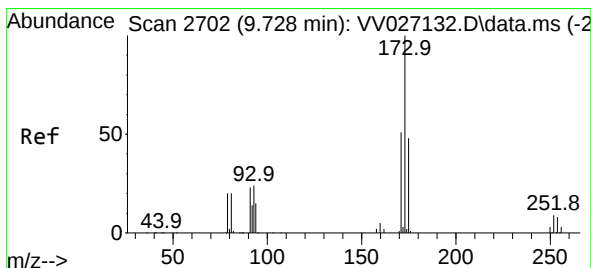
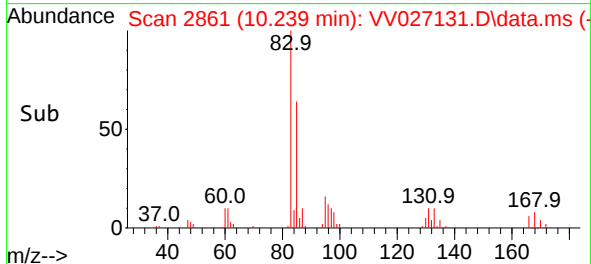
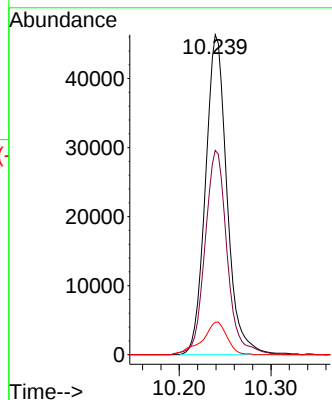
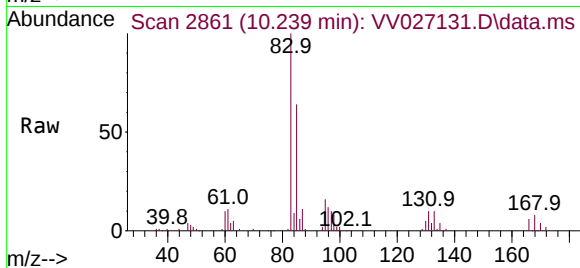
Tgt Ion: 83 Resp: 75452

Ion Ratio Lower Upper

83 100

85 63.9 45.2 84.0

131 10.2 7.8 11.6



#59

Bromoform

Concen: 9.626 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.003 min

Lab File: VV027131.D

Acq: 01 Aug 2022 16:17

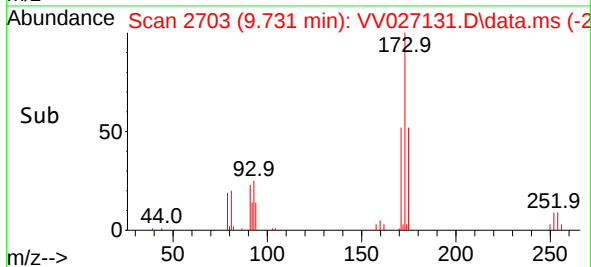
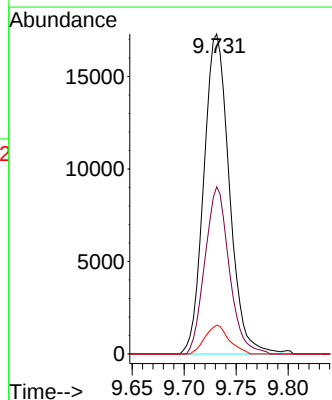
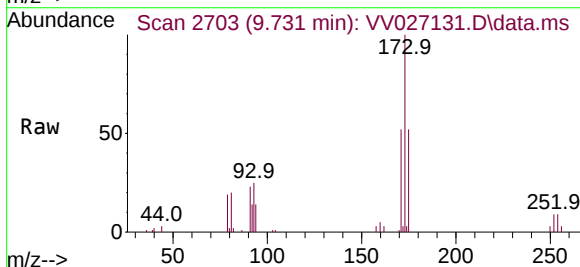
Tgt Ion: 173 Resp: 29490

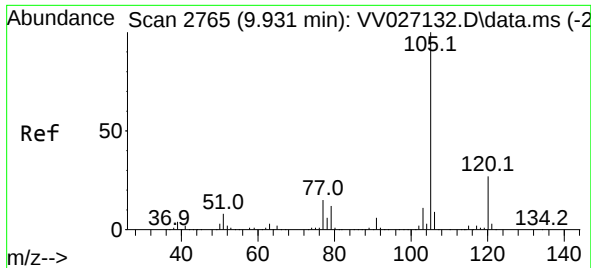
Ion Ratio Lower Upper

173 100

175 49.7 38.2 57.4

254 8.4 6.8 10.2

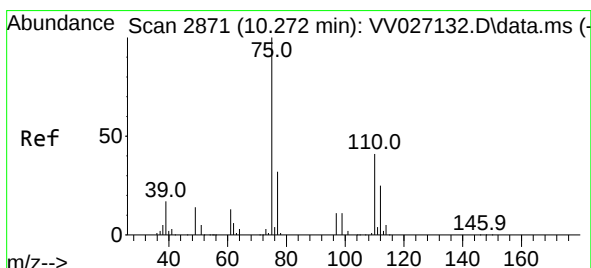
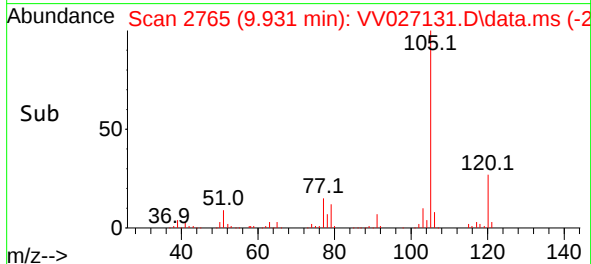
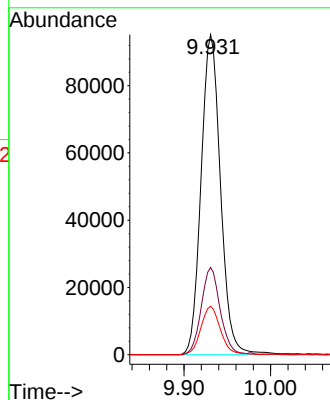
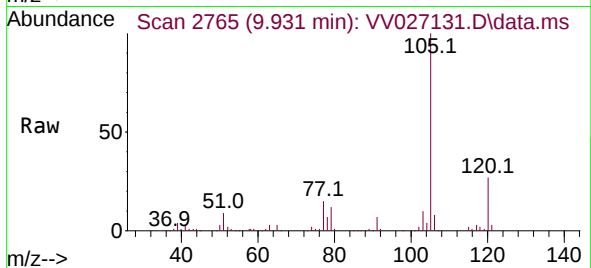




#60
Isopropylbenzene
Concen: 9.094 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV027131.D
Acq: 01 Aug 2022 16:17

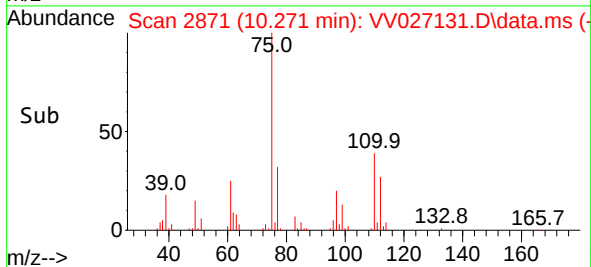
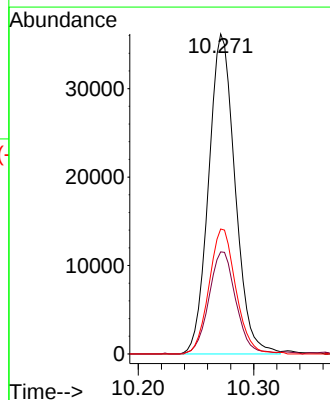
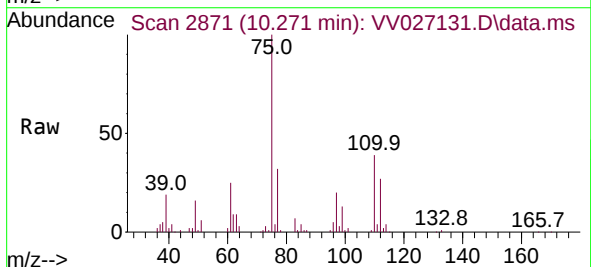
Instrument :
MSVOA_V
ClientSampleId :
VSTD010247

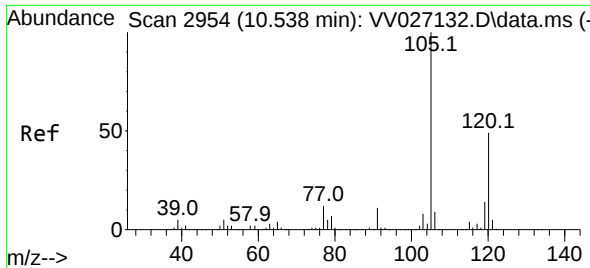
Tgt Ion:105 Resp: 148082
Ion Ratio Lower Upper
105 100
120 26.5 21.4 32.2
77 15.2 11.7 17.5



#61
1,2,3-Trichloropropane
Concen: 10.453 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV027131.D
Acq: 01 Aug 2022 16:17

Tgt Ion: 75 Resp: 57590
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.8
110 39.7 32.8 49.2

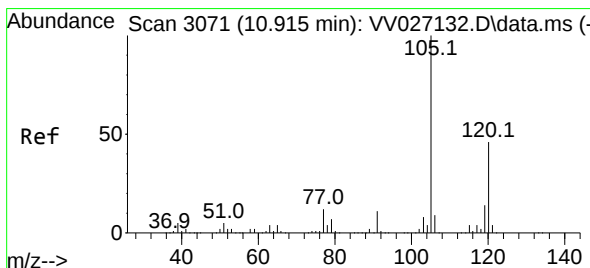
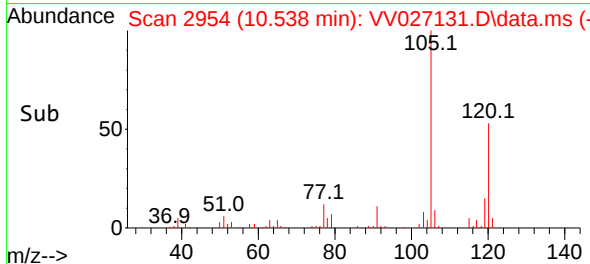
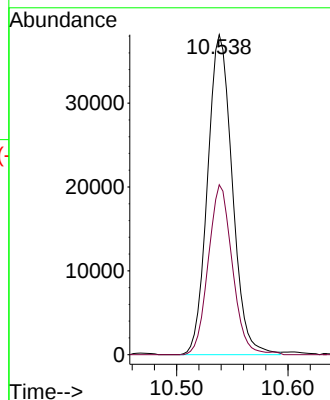
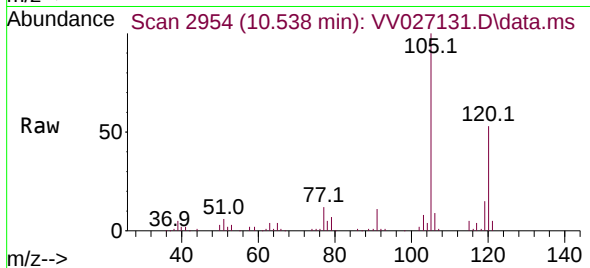




#62
 1,3,5-Trimethylbenzene
 Concen: 8.366 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV027131.D
 Acq: 01 Aug 2022 16:17

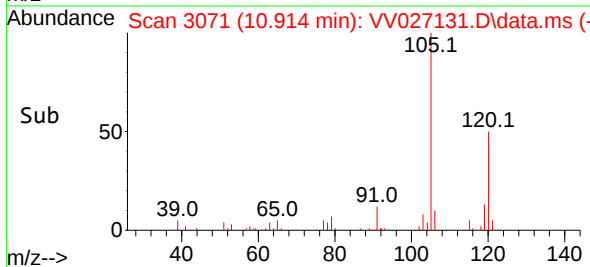
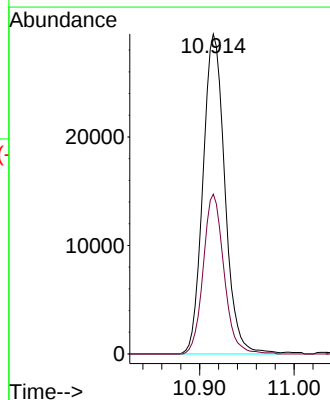
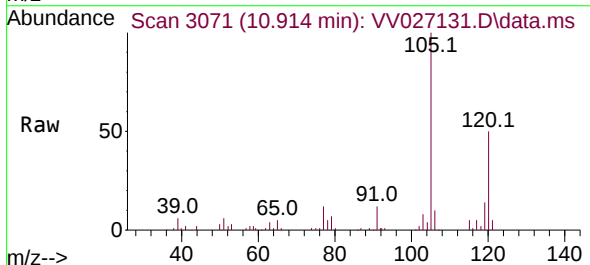
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010247

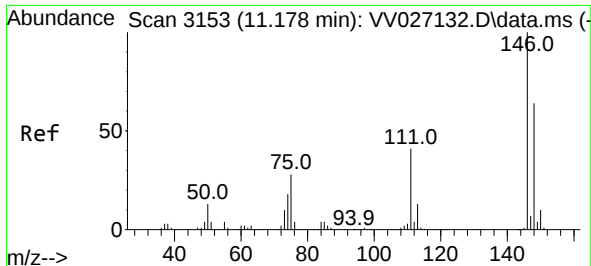
Tgt Ion:105 Resp: 59005
 Ion Ratio Lower Upper
 105 100
 120 51.3 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 8.317 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. -0.000 min
 Lab File: VV027131.D
 Acq: 01 Aug 2022 16:17

Tgt Ion:105 Resp: 47392
 Ion Ratio Lower Upper
 105 100
 120 47.3 36.5 54.7

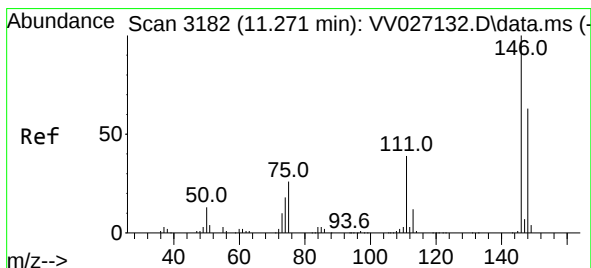
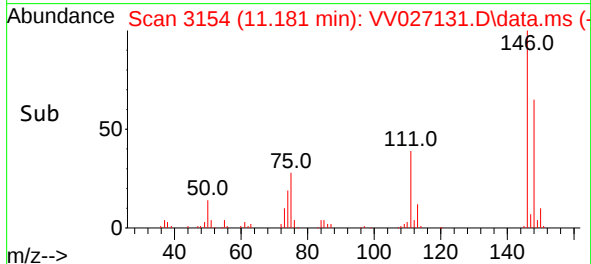
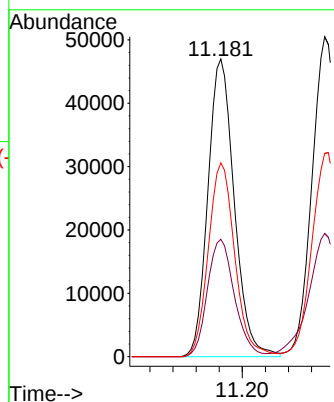
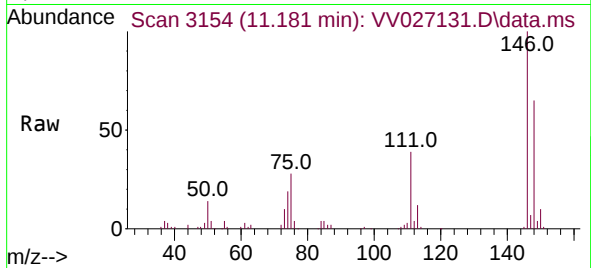




#64
1,3-Dichlorobenzene
Concen: 9.295 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV027131.D
Acq: 01 Aug 2022 16:17

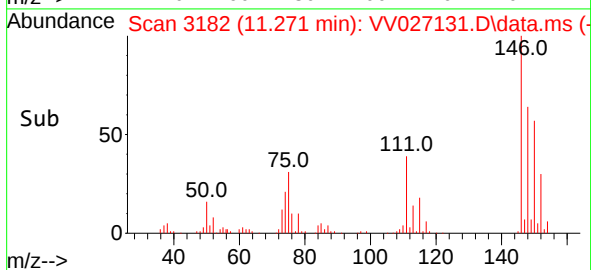
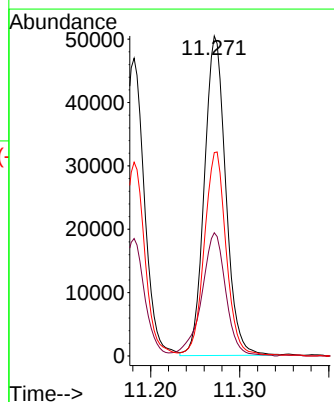
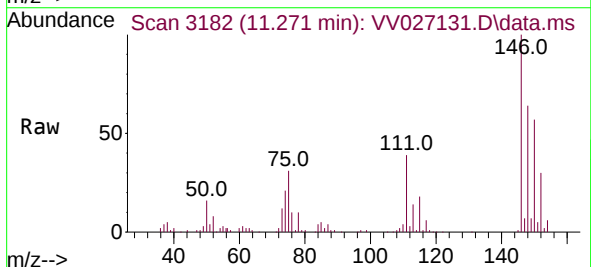
Instrument :
MSVOA_V
ClientSampleId :
VSTD010247

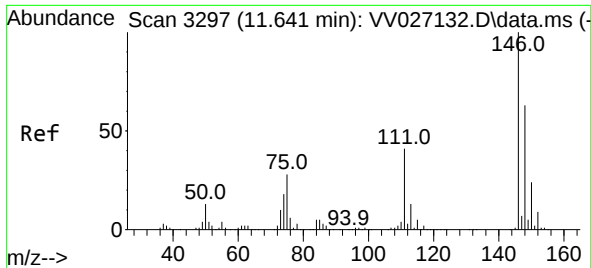
Tgt Ion:146 Resp: 74588
Ion Ratio Lower Upper
146 100
111 39.4 28.6 53.2
148 65.1 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 9.925 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV027131.D
Acq: 01 Aug 2022 16:17

Tgt Ion:146 Resp: 84023
Ion Ratio Lower Upper
146 100
111 38.5 27.2 50.4
148 63.6 44.2 82.2

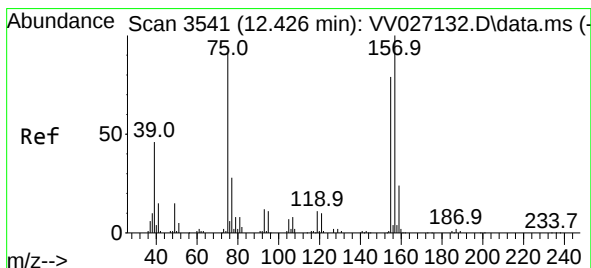
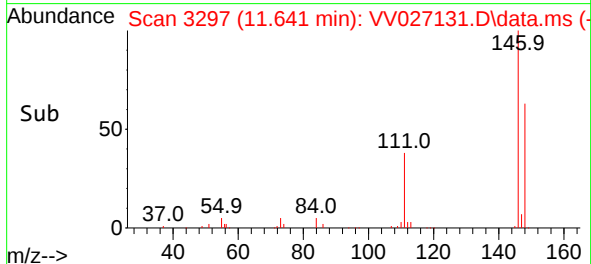
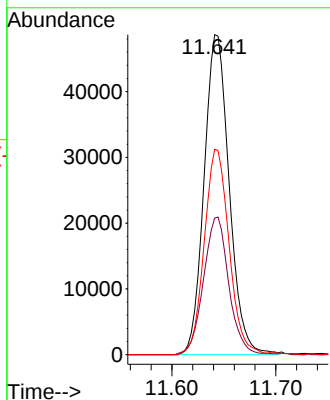
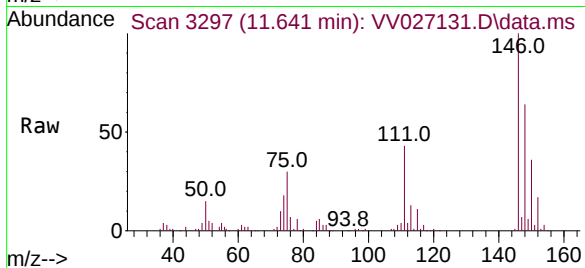




#67
1,2-Dichlorobenzene
Concen: 9.692 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV027131.D
Acq: 01 Aug 2022 16:17

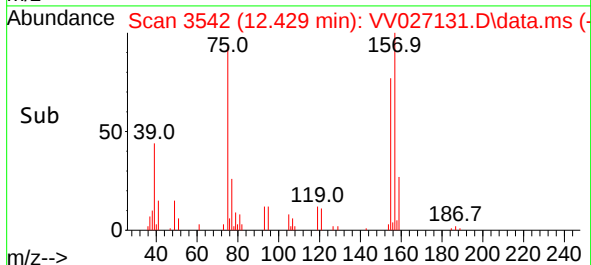
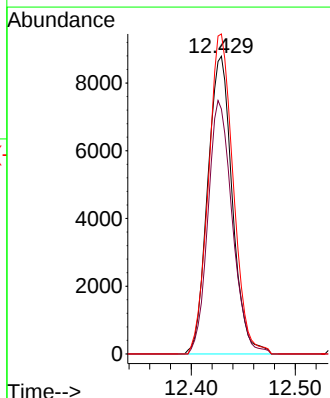
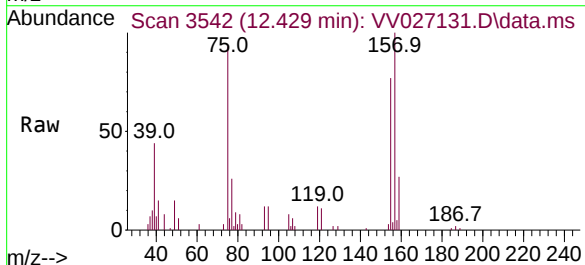
Instrument :
MSVOA_V
ClientSampleId :
VSTD010247

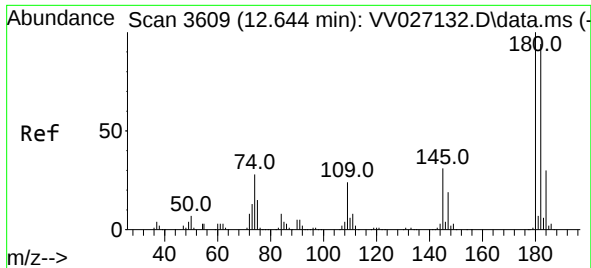
Tgt Ion:146 Resp: 81671
Ion Ratio Lower Upper
146 100
111 42.7 32.8 49.2
148 64.2 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 9.806 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV027131.D
Acq: 01 Aug 2022 16:17

Tgt Ion: 75 Resp: 14454
Ion Ratio Lower Upper
75 100
155 82.3 69.6 104.4
157 107.5 88.1 132.1





#69

1,3,5-Trichlorobenzene

Concen: 9.244 ug/L

RT: 12.644 min Scan# 30

Delta R.T. -0.000 min

Lab File: VV027131.D

Acq: 01 Aug 2022 16:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD010247

Tgt Ion:180 Resp: 52627

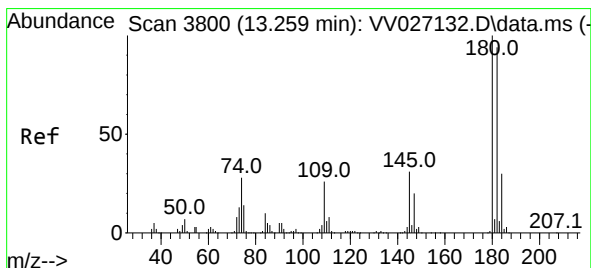
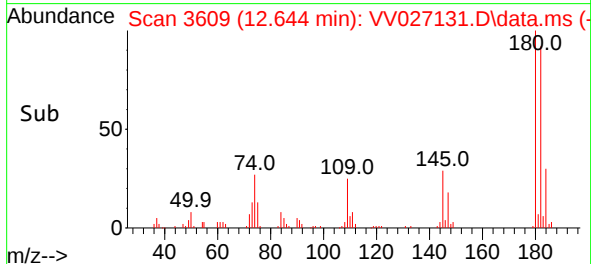
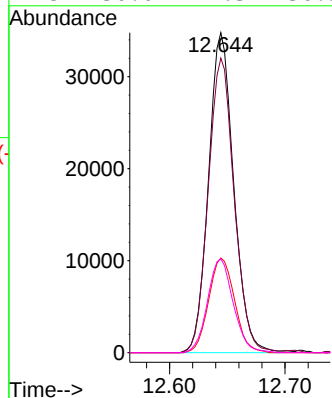
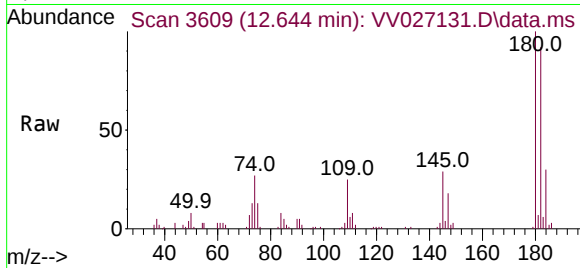
Ion Ratio Lower Upper

180 100

182 94.7 75.3 112.9

184 30.4 24.3 36.5

145 30.0 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 8.345 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV027131.D

Acq: 01 Aug 2022 16:17

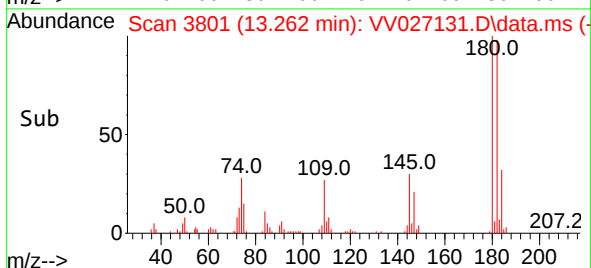
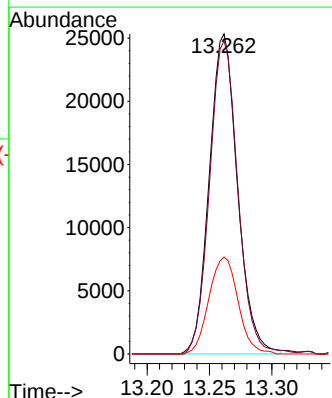
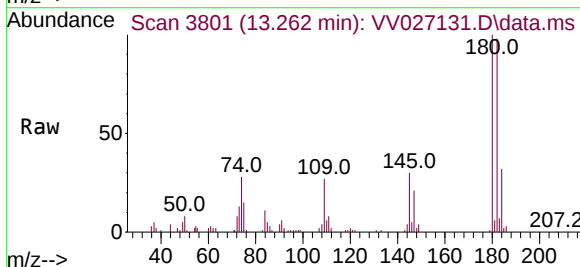
Tgt Ion:180 Resp: 39895

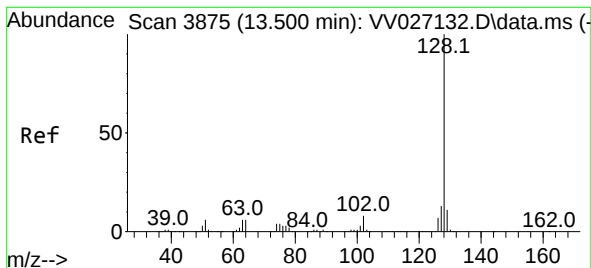
Ion Ratio Lower Upper

180 100

182 97.7 75.2 112.8

145 31.2 24.7 37.1





#71

Naphthalene

Concen: 7.627 ug/L

RT: 13.503 min Scan# 3875

Delta R.T. 0.003 min

Lab File: VV027131.D

Acq: 01 Aug 2022 16:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD010247

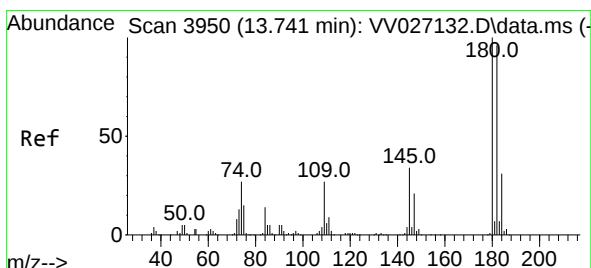
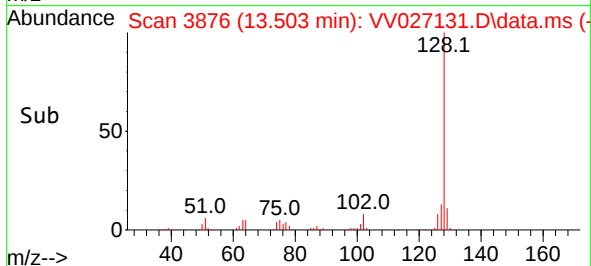
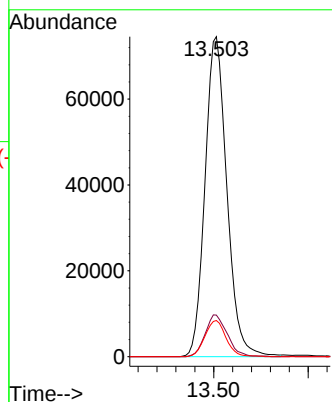
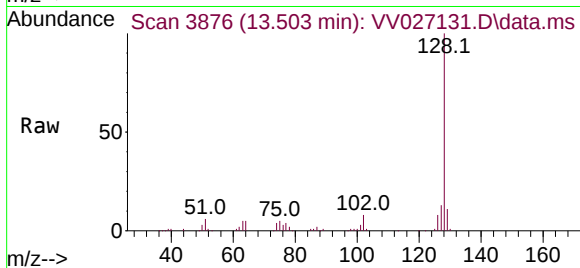
Tgt Ion:128 Resp: 119774

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 8.697 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV027131.D

Acq: 01 Aug 2022 16:17

Tgt Ion:180 Resp: 45467

Ion Ratio Lower Upper

180 100

182 93.8 76.3 114.5

145 32.9 26.8 40.2

