

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082322\
 Data File : VW027487.D
 Acq On : 23 Aug 2022 16:26
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005381

Quant Time: Aug 24 02:13:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 24 02:11:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	129369	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	129365	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	71033	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	39761	4.318	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.400%	
7) Chloroethane-d5	1.564	69	36206	5.373	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	107.400%	
11) 1,1-Dichloroethene-d2	2.105	63	100483	4.680	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.600%	
20) 2-Butanone-d5	3.892	46	36381	31.751	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	63.500%	
24) Chloroform-d	4.342	84	81213	4.411	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.200%	
26) 1,2-Dichloroethane-d4	5.030	65	35267	4.428	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.600%	
32) Benzene-d6	5.043	84	150471	4.199	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.000%	
36) 1,2-Dichloropropane-d6	6.066	67	41508	3.984	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	79.600%	
41) Toluene-d8	7.310	98	143219	4.427	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.600%	
43) trans-1,3-Dichloroprop...	7.622	79	15845	4.442	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.800%	
46) 2-Hexanone-d5	8.088	63	51670	44.006	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.020%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	29470	4.442	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	44056	4.184	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	83.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	69842	5.088	ug/L	97
3) Chloromethane	1.236	50	55916	4.665	ug/L	96
5) Vinyl chloride	1.307	62	61404	5.089	ug/L	99
6) Bromomethane	1.519	94	35404	5.933	ug/L	96
8) Chloroethane	1.580	64	45801	6.495	ug/L	96
9) Trichlorofluoromethane	1.748	101	101565	5.298	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	59293	5.479	ug/L	98
12) 1,1-Dichloroethene	2.114	96	51796	5.292	ug/L	97
13) Acetone	2.175	43	52603	48.071	ug/L	96
14) Carbon disulfide	2.288	76	148073	5.512	ug/L	100
15) Methyl Acetate	2.433	43	12819	4.230	ug/L #	88
16) Methylene chloride	2.500	84	66256	4.490	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	94105	4.647	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	47529	4.713	ug/L	97
19) 1,1-Dichloroethane	3.182	63	96488	4.622	ug/L	100
21) 2-Butanone	3.973	43	59977	41.185	ug/L	96
22) cis-1,2-Dichloroethene	3.905	96	50701	4.718	ug/L	96
23) Bromochloromethane	4.240	128	22490	4.746	ug/L	88
25) Chloroform	4.365	83	110716	4.877	ug/L	97

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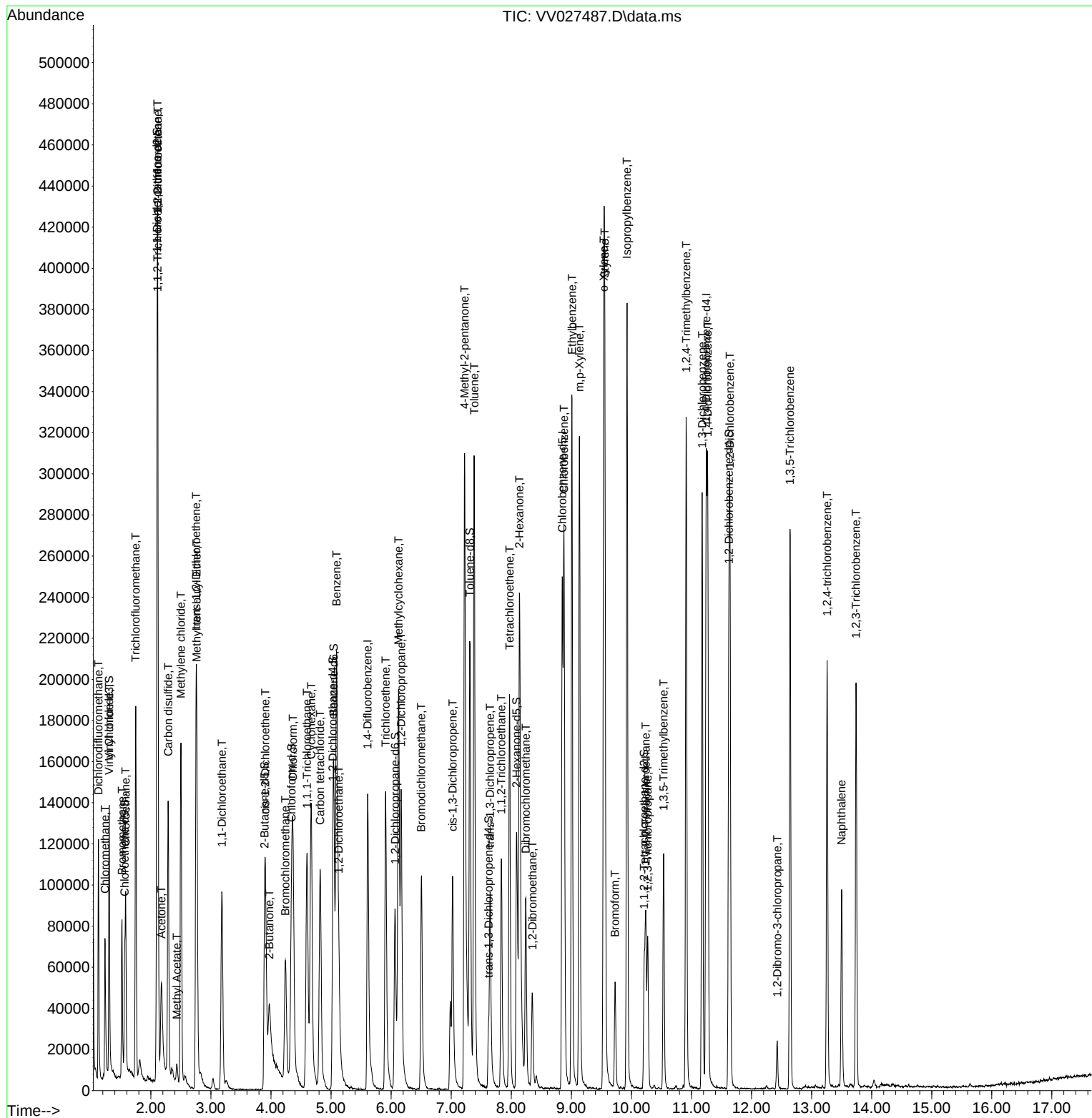
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	56442	4.893	ug/L	96
29) 1,1,1-Trichloroethane	4.600	97	97019	4.886	ug/L	99
30) Cyclohexane	4.670	56	69533	4.562	ug/L	94
31) Carbon tetrachloride	4.818	117	85830	4.971	ug/L	99
33) Benzene	5.092	78	215731	5.016	ug/L	100
34) Trichloroethene	5.908	95	53355	4.714	ug/L	95
35) Methylcyclohexane	6.124	83	74861	4.702	ug/L	98
37) 1,2-Dichloropropane	6.169	63	55173	4.811	ug/L	99
38) Bromodichloromethane	6.503	83	72451	4.983	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	65461	4.734	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	242608	47.352	ug/L	96
42) Toluene	7.384	91	235071	5.295	ug/L	97
44) trans-1,3-Dichloropropene	7.648	75	56201	4.808	ug/L	96
45) 1,1,2-Trichloroethane	7.834	97	36560	4.987	ug/L	96
47) Tetrachloroethene	7.972	164	42798	4.853	ug/L	99
48) 2-Hexanone	8.136	43	178230	48.277	ug/L	98
49) Dibromochloromethane	8.243	129	46417	5.148	ug/L	93
50) 1,2-Dibromoethane	8.352	107	31925	4.989	ug/L	99
51) Chlorobenzene	8.879	112	139687	4.861	ug/L	99
52) Ethylbenzene	9.011	91	223946	4.942	ug/L	99
53) m,p-Xylene	9.136	106	88328	5.093	ug/L	98
54) o-Xylene	9.542	106	84784	5.040	ug/L	98
55) Styrene	9.558	104	150659	5.265	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	40394	4.892	ug/L	97
59) Bromoform	9.728	173	23203	4.874	ug/L	98
60) Isopropylbenzene	9.927	105	232665	4.978	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	29101	4.670	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	60028	4.632	ug/L	97
63) 1,2,4-Trimethylbenzene	10.911	105	171527	4.698	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	115390	5.011	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	113305	4.936	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	101951	4.883	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	5945	4.294	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	81711	4.754	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	60927	4.878	ug/L	100
71) Naphthalene	13.500	128	73728	4.276	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	54607	4.922	ug/L	99

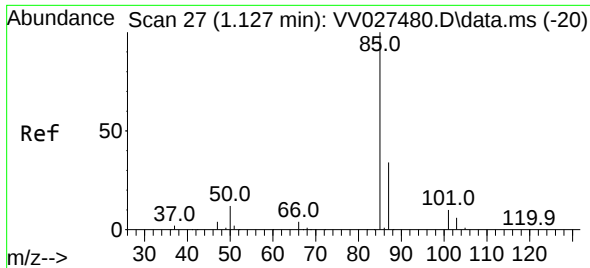
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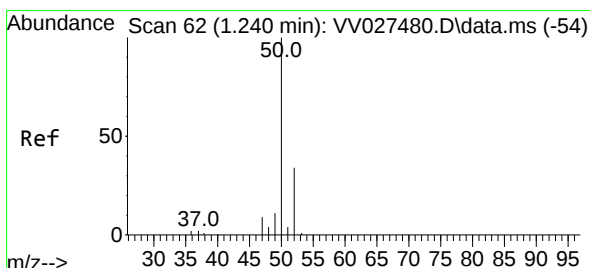
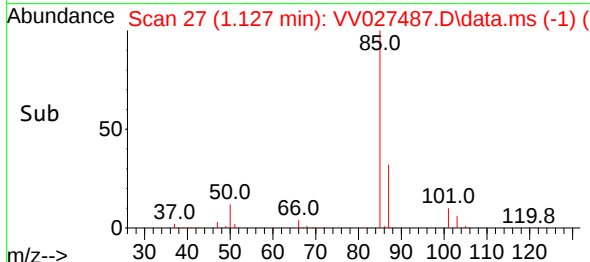
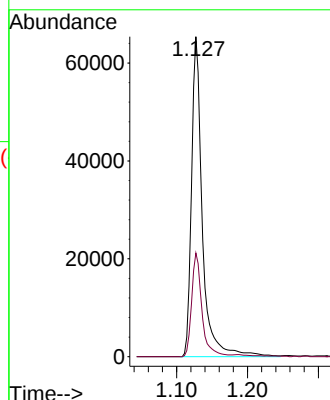
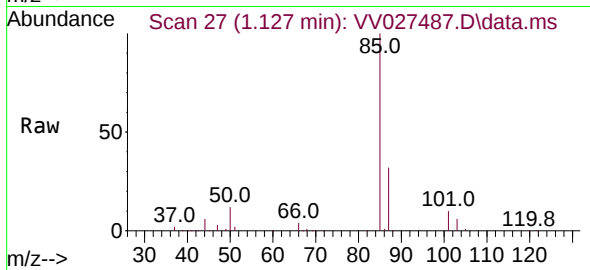




#2
 Dichlorodifluoromethane
 Concen: 5.088 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV027487.D
 Acq: 23 Aug 2022 16:26

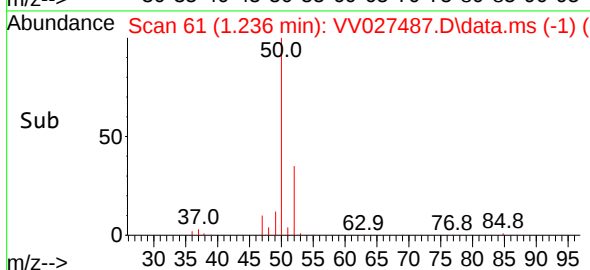
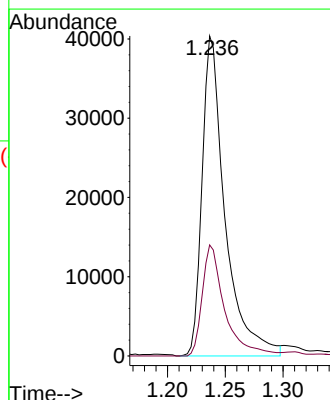
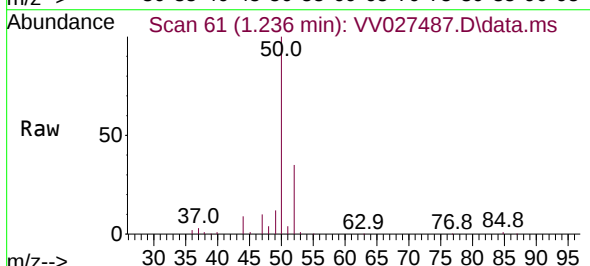
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005381

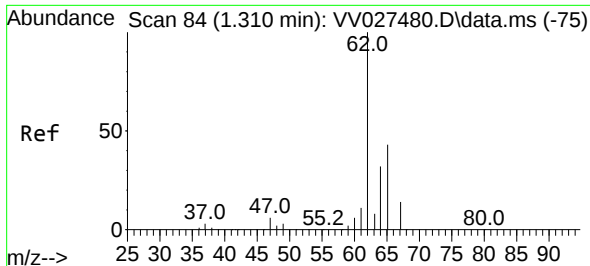
Tgt Ion: 85 Resp: 69842
 Ion Ratio Lower Upper
 85 100
 87 30.6 26.0 39.0



#3
 Chloromethane
 Concen: 4.665 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV027487.D
 Acq: 23 Aug 2022 16:26

Tgt Ion: 50 Resp: 55916
 Ion Ratio Lower Upper
 50 100
 52 34.7 22.8 42.4

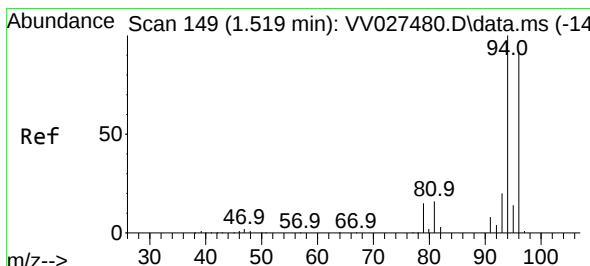
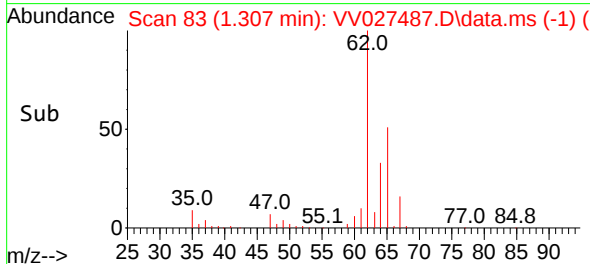
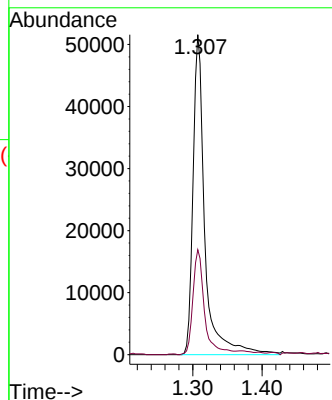
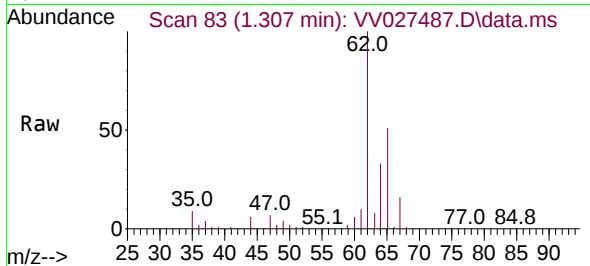




#5
 Vinyl chloride
 Concen: 5.089 ug/L
 RT: 1.307 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV027487.D
 Acq: 23 Aug 2022 16:26

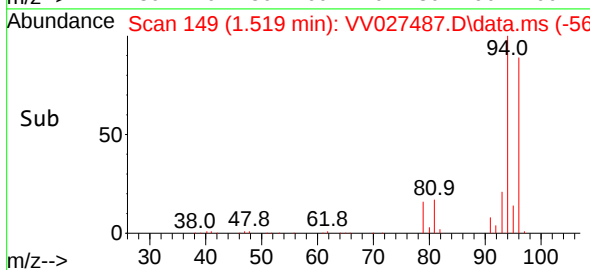
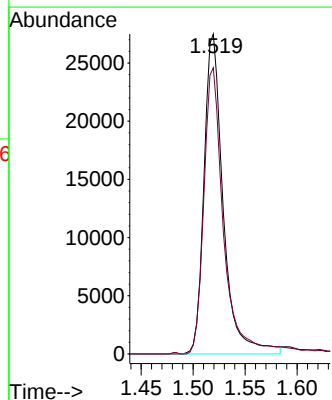
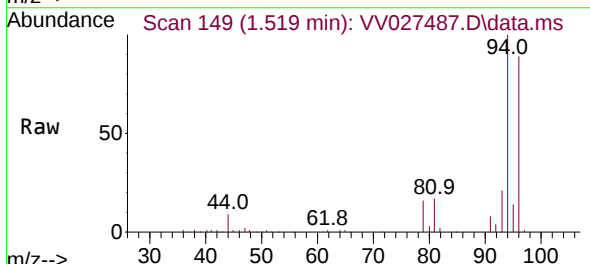
Instrument :
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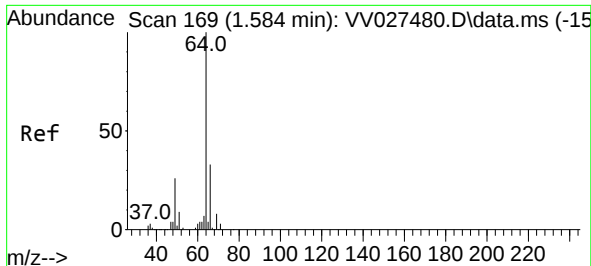
Tgt Ion: 62 Resp: 61404
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.6 42.0



#6
 Bromomethane
 Concen: 5.933 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV027487.D
 Acq: 23 Aug 2022 16:26

Tgt Ion: 94 Resp: 35404
 Ion Ratio Lower Upper
 94 100
 96 89.4 65.2 121.0

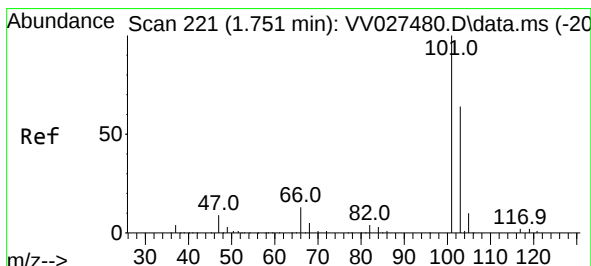
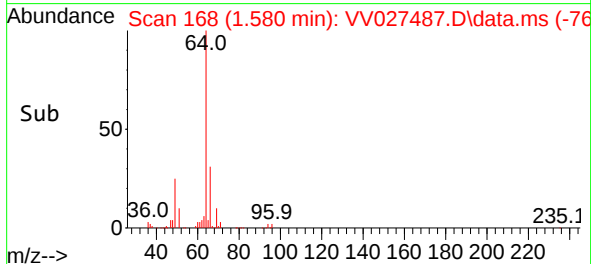
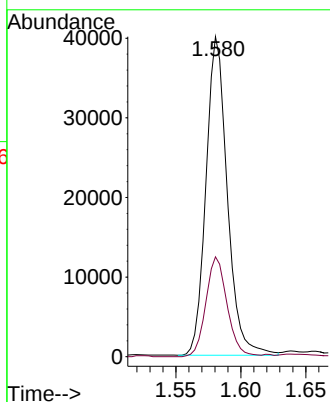
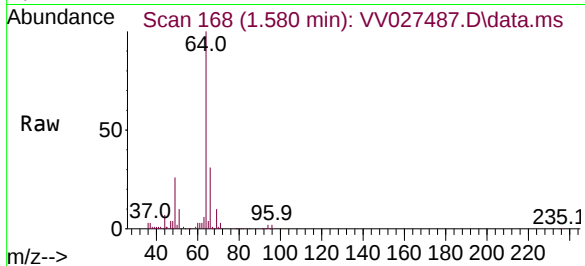




#8
Chloroethane
Concen: 6.495 ug/L
RT: 1.580 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV027487.D
Acq: 23 Aug 2022 16:26

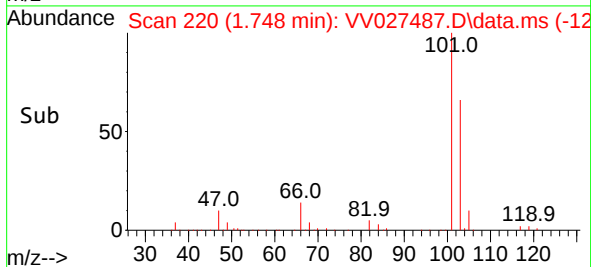
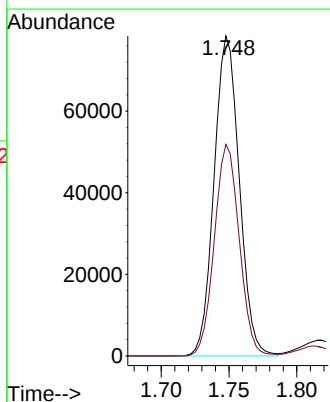
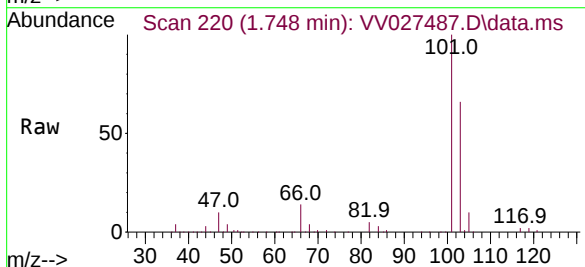
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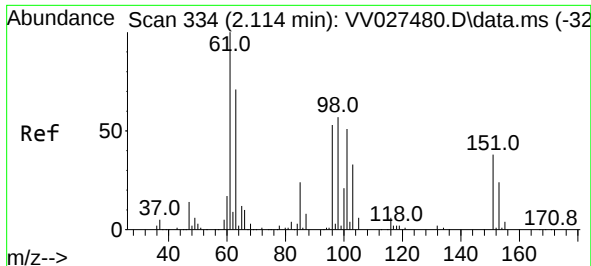
Tgt Ion: 64 Resp: 45801
Ion Ratio Lower Upper
64 100
66 31.2 23.3 43.3



#9
Trichlorofluoromethane
Concen: 5.298 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV027487.D
Acq: 23 Aug 2022 16:26

Tgt Ion:101 Resp: 101565
Ion Ratio Lower Upper
101 100
103 65.3 51.5 77.3

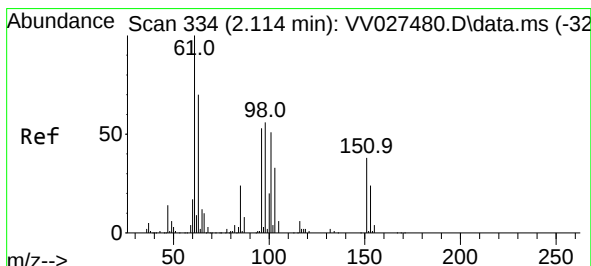
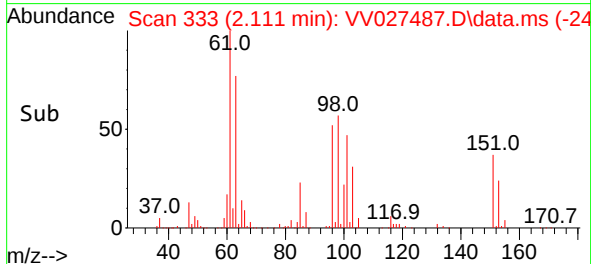
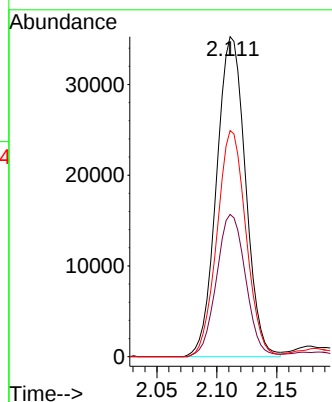
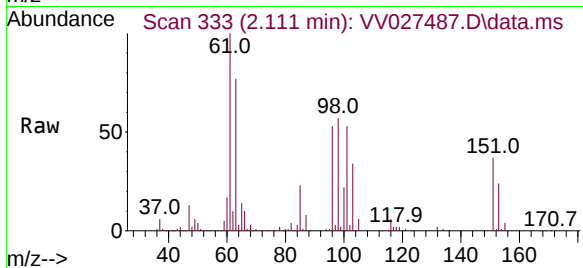




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.479 ug/L
 RT: 2.111 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV027487.D
 Acq: 23 Aug 2022 16:26

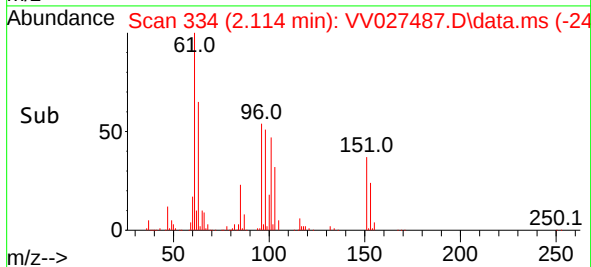
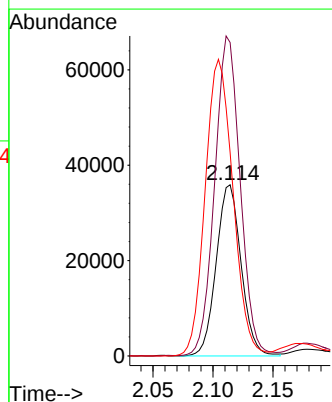
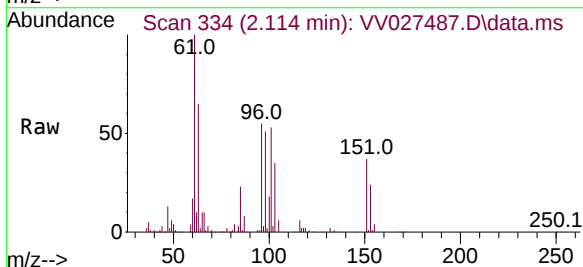
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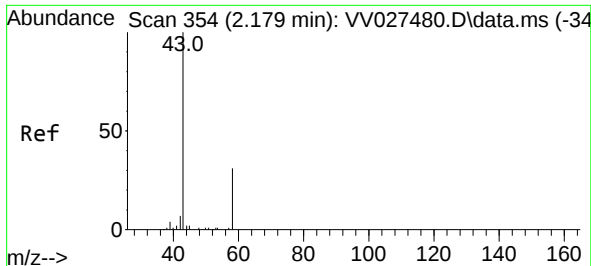
Tgt Ion:101 Resp: 59293
 Ion Ratio Lower Upper
 101 100
 85 44.6 35.3 52.9
 151 70.6 55.2 82.8



#12
 1,1-Dichloroethene
 Concen: 5.292 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV027487.D
 Acq: 23 Aug 2022 16:26

Tgt Ion: 96 Resp: 51796
 Ion Ratio Lower Upper
 96 100
 61 183.2 130.2 241.8
 63 118.8 87.4 162.4





#13

Acetone

Concen: 48.071 ug/L

RT: 2.175 min Scan# 3

Delta R.T. -0.003 min

Lab File: VV027487.D

Acq: 23 Aug 2022 16:26

Instrument :

MSVOA_V

ClientSampleId :

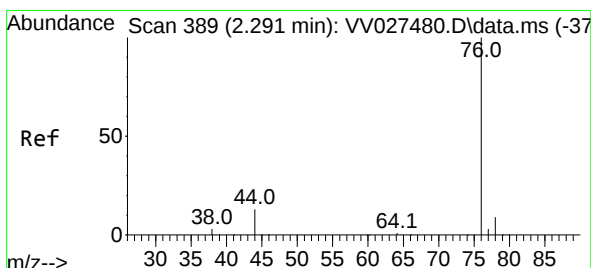
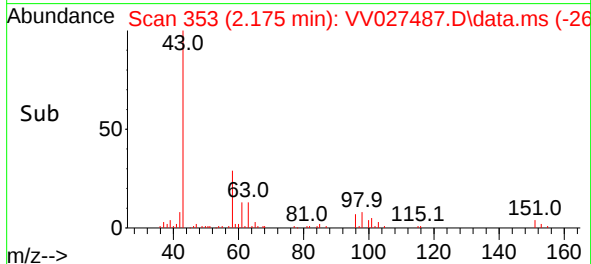
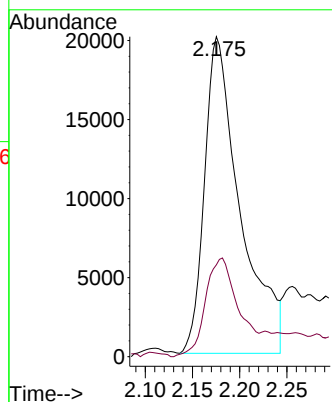
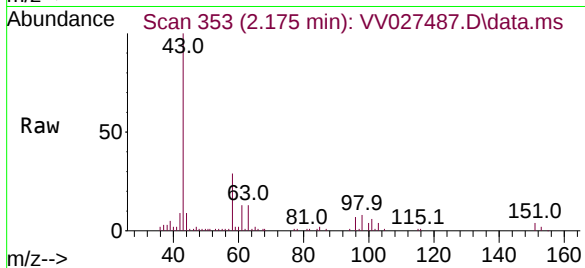
VSTD005381

Tgt Ion: 43 Resp: 52603

Ion Ratio Lower Upper

43 100

58 28.9 0.0 62.2



#14

Carbon disulfide

Concen: 5.512 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.003 min

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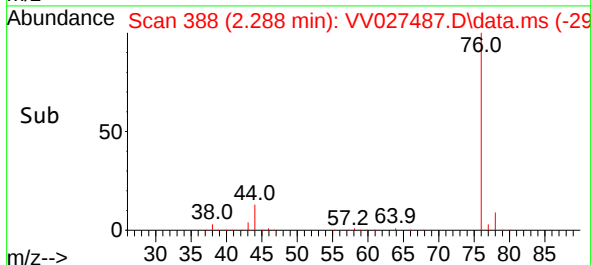
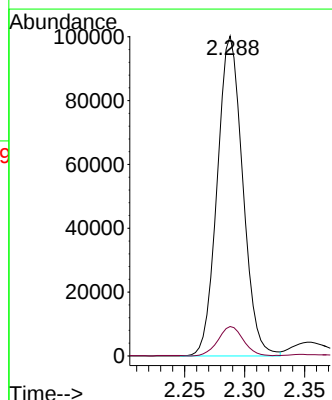
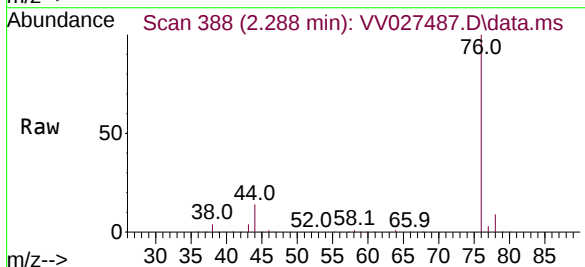
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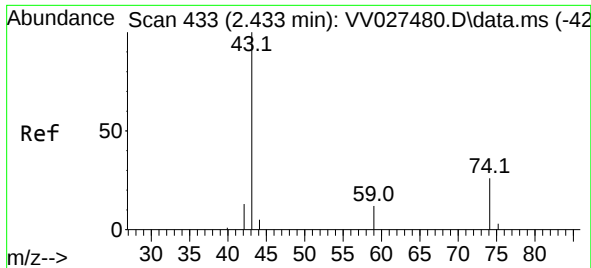
Tgt Ion: 76 Resp: 148073

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

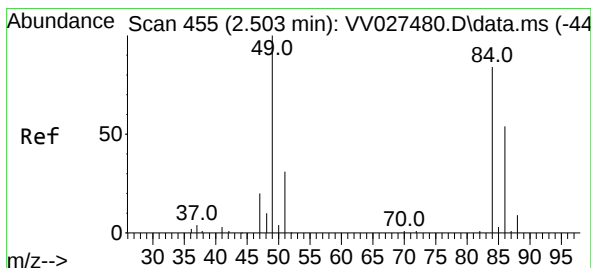
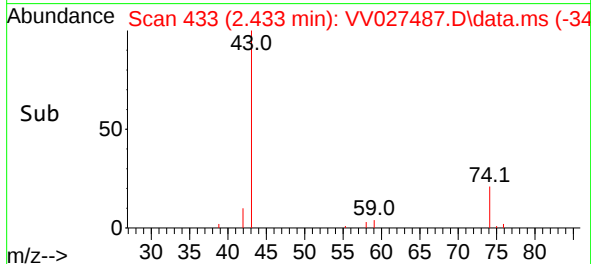
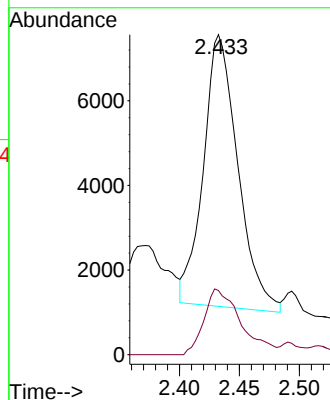
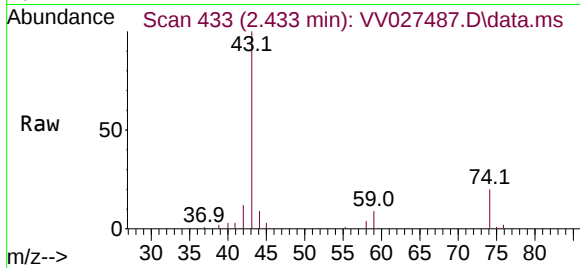




#15
Methyl Acetate
Concen: 4.230 ug/L
RT: 2.433 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV027487.D
Acq: 23 Aug 2022 16:26

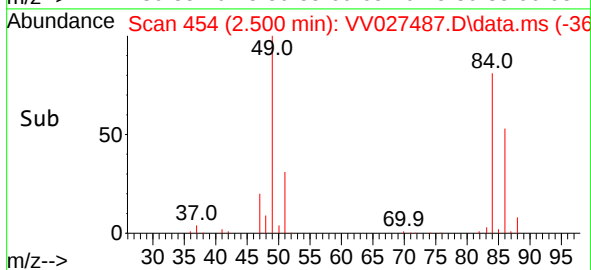
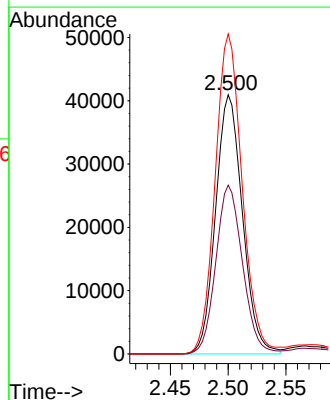
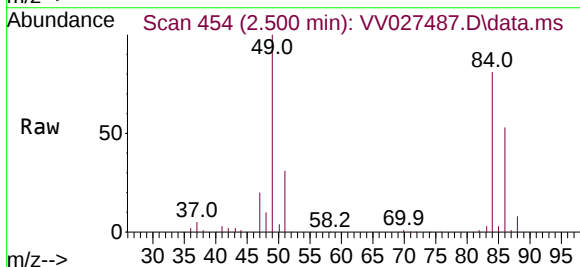
Instrument :
MSVOA_V
ClientSampleId :
VSTD005381

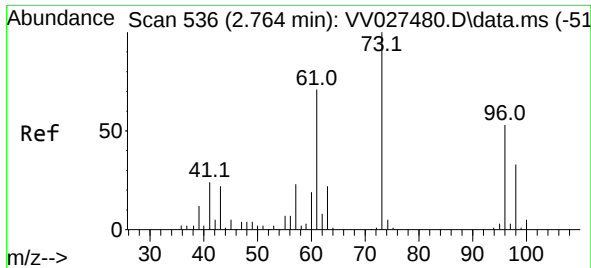
Tgt Ion: 43 Resp: 12819
Ion Ratio Lower Upper
43 100
74 25.8 16.3 24.5#



#16
Methylene chloride
Concen: 4.490 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.003 min
Lab File: VV027487.D
Acq: 23 Aug 2022 16:26

Tgt Ion: 84 Resp: 66256
Ion Ratio Lower Upper
84 100
86 65.1 44.0 81.6
49 123.5 89.4 166.0

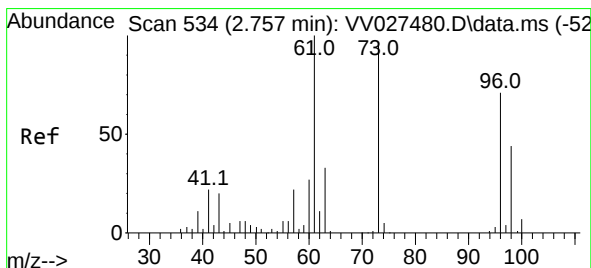
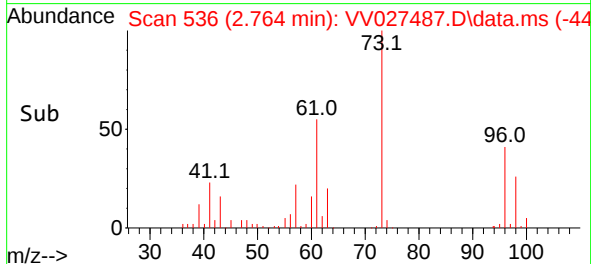
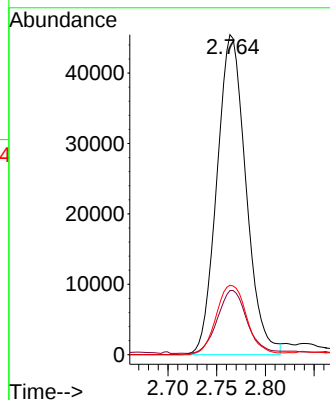
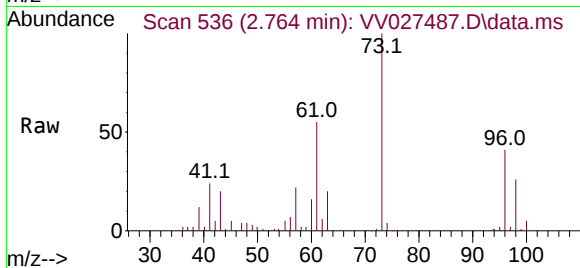




#17
Methyl tert-butyl Ether
Concen: 4.647 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV027487.D
Acq: 23 Aug 2022 16:26

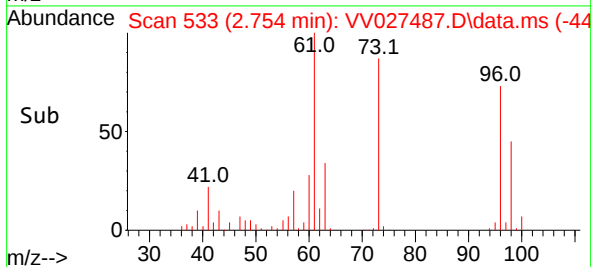
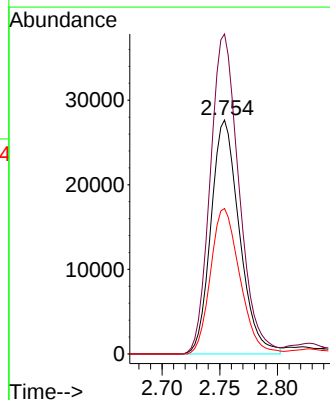
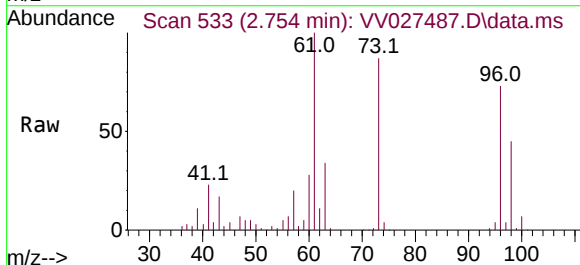
Instrument :
MSVOA_V
ClientSampleId :
VSTD005381

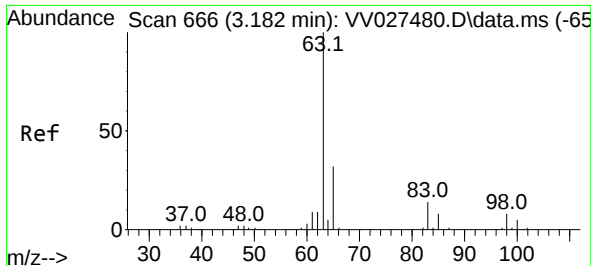
Tgt Ion:	73	Resp:	94105
Ion	Ratio	Lower	Upper
73	100		
43	20.6	15.6	23.4
57	22.9	17.0	25.6



#18
trans-1,2-Dichloroethene
Concen: 4.713 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.003 min
Lab File: VV027487.D
Acq: 23 Aug 2022 16:26

Tgt Ion:	96	Resp:	47529
Ion	Ratio	Lower	Upper
96	100		
61	136.8	97.6	181.4
98	62.2	45.9	85.3





#19

1,1-Dichloroethane

Concen: 4.622 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV027487.D

Acq: 23 Aug 2022 16:26

Instrument :

MSVOA_V

ClientSampleId :

VSTD005381

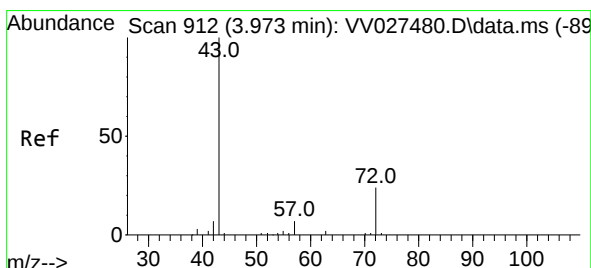
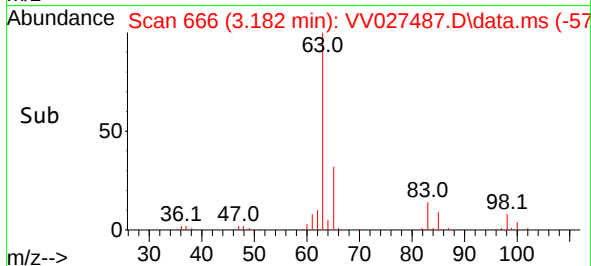
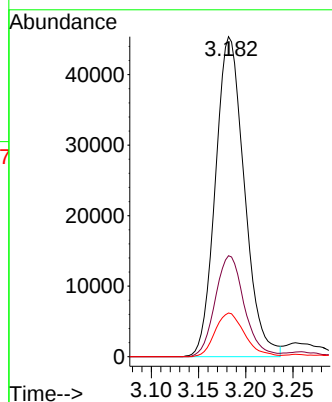
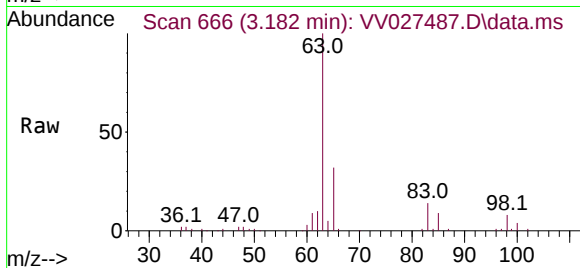
Tgt Ion: 63 Resp: 96488

Ion Ratio Lower Upper

63 100

65 31.5 22.1 41.1

83 13.6 9.6 17.8



#21

2-Butanone

Concen: 41.185 ug/L

RT: 3.973 min Scan# 912

Delta R.T. -0.000 min

Lab File: VV027487.D

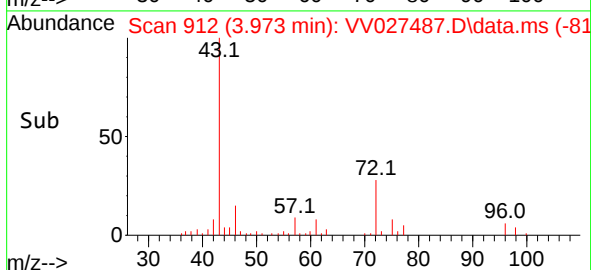
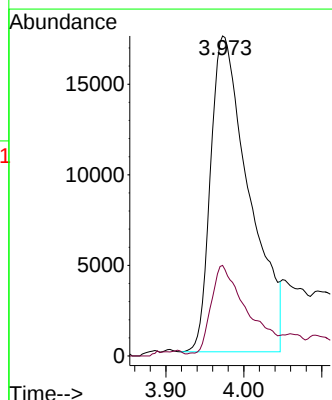
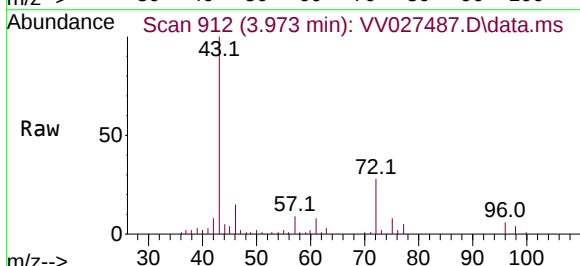
Acq: 23 Aug 2022 16:26

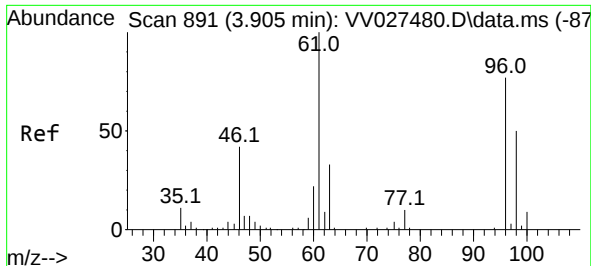
Tgt Ion: 43 Resp: 59977

Ion Ratio Lower Upper

43 100

72 26.3 12.0 36.1

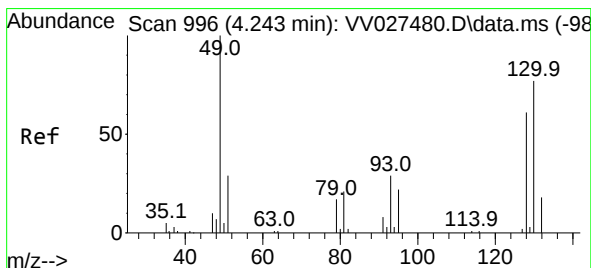
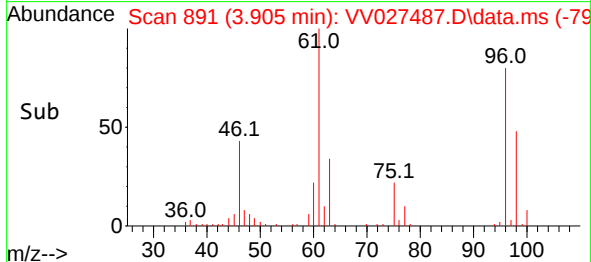
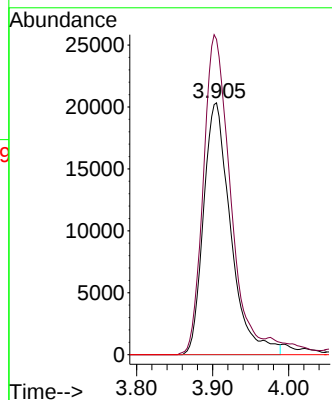
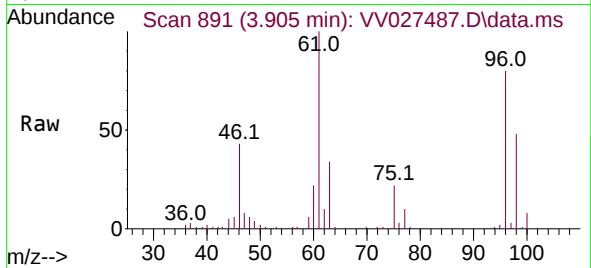




#22
 cis-1,2-Dichloroethene
 Concen: 4.718 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. -0.000 min
 Lab File: VV027487.D
 Acq: 23 Aug 2022 16:26

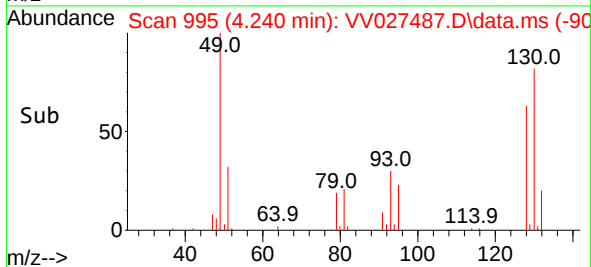
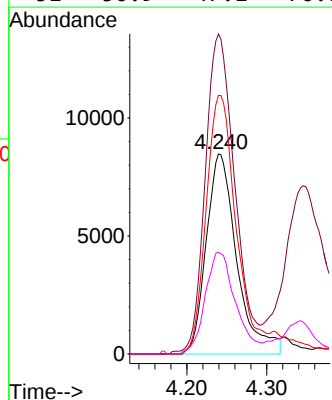
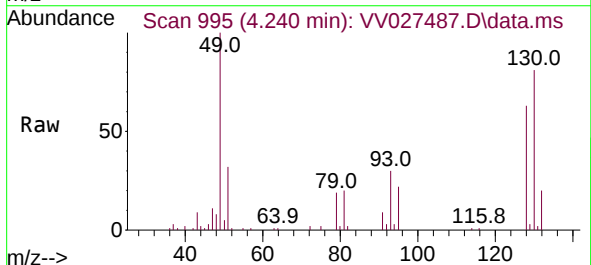
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005381

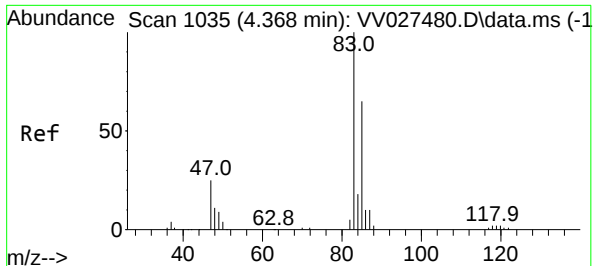
Tgt Ion: 96 Resp: 50701
 Ion Ratio Lower Upper
 96 100
 61 125.2 90.6 168.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.746 ug/L
 RT: 4.240 min Scan# 995
 Delta R.T. -0.003 min
 Lab File: VV027487.D
 Acq: 23 Aug 2022 16:26

Tgt Ion: 128 Resp: 22490
 Ion Ratio Lower Upper
 128 100
 49 159.9 127.5 236.7
 130 129.3 97.0 180.2
 51 50.9 47.1 70.7





#25

Chloroform

Concen: 4.877 ug/L

RT: 4.365 min Scan# 110

Delta R.T. -0.003 min

Lab File: VV027487.D

Acq: 23 Aug 2022 16:26

Instrument :

MSVOA_V

ClientSampleId :

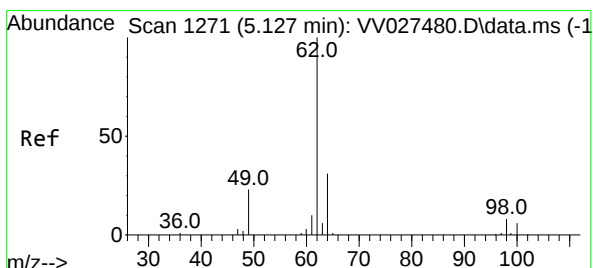
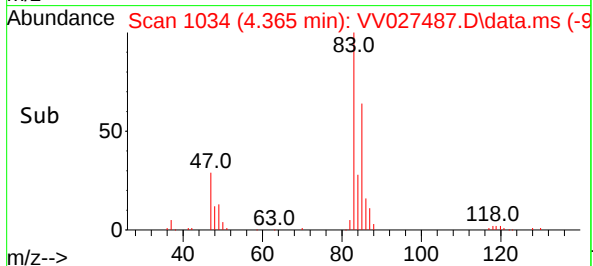
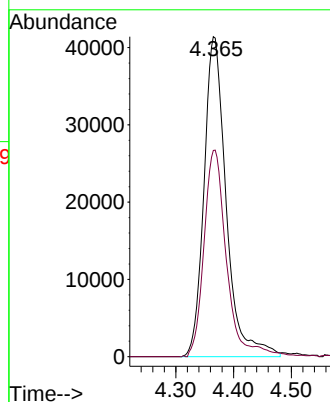
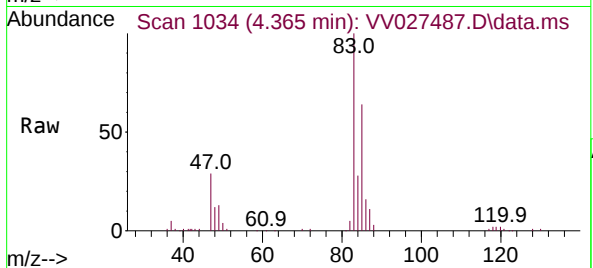
VSTD005381

Tgt Ion: 83 Resp: 110716

Ion Ratio Lower Upper

83 100

85 64.4 43.3 80.5



#27

1,2-Dichloroethane

Concen: 4.893 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VV027487.D

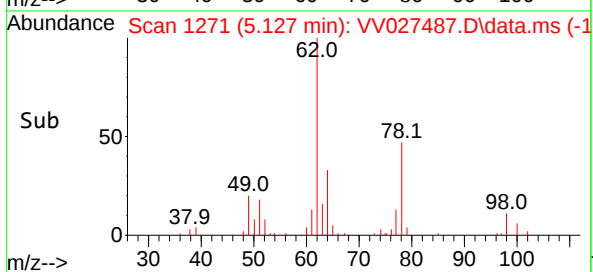
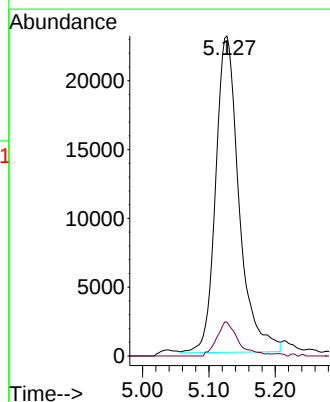
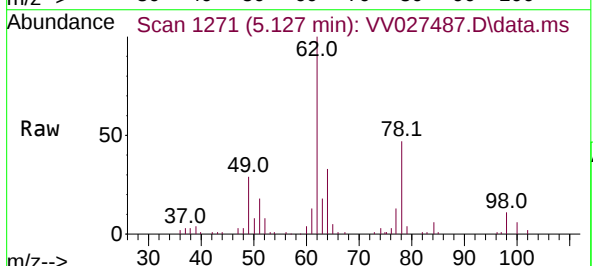
Acq: 23 Aug 2022 16:26

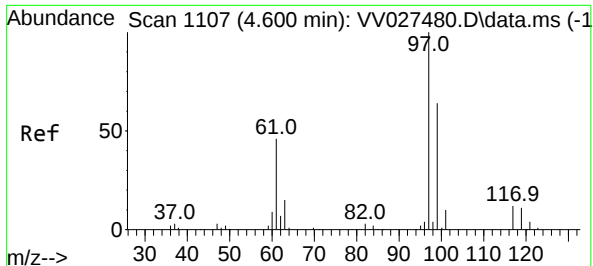
Tgt Ion: 62 Resp: 56442

Ion Ratio Lower Upper

62 100

98 10.6 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 4.886 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VV027487.D

Acq: 23 Aug 2022 16:26

Instrument :

MSVOA_V

ClientSampleId :

VSTD005381

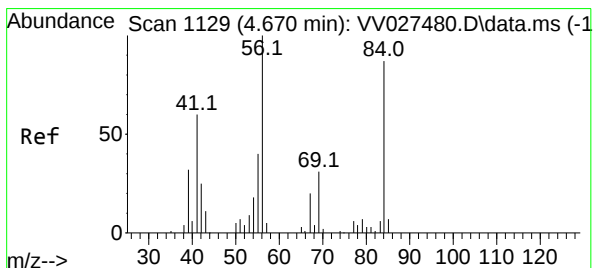
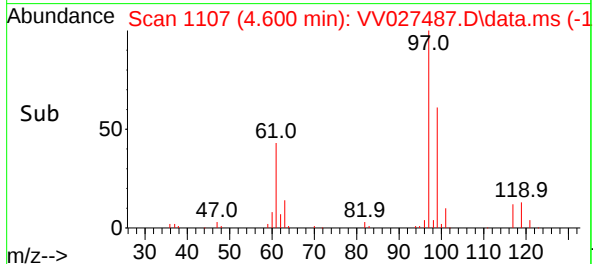
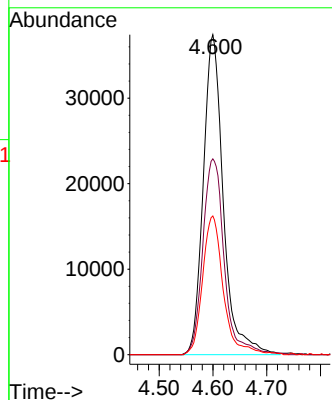
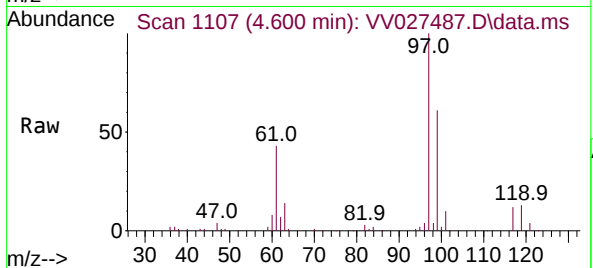
Tgt Ion: 97 Resp: 97019

Ion Ratio Lower Upper

97 100

99 65.2 51.1 76.7

61 44.6 35.9 53.9



#30

Cyclohexane

Concen: 4.562 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VV027487.D

Acq: 23 Aug 2022 16:26

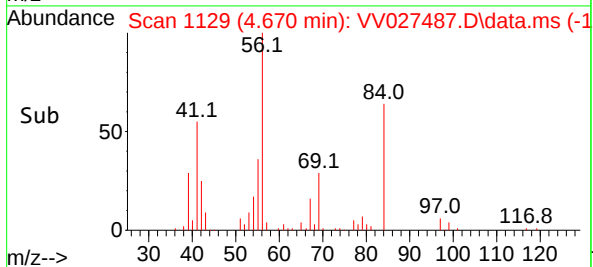
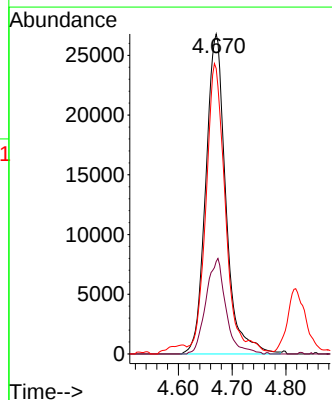
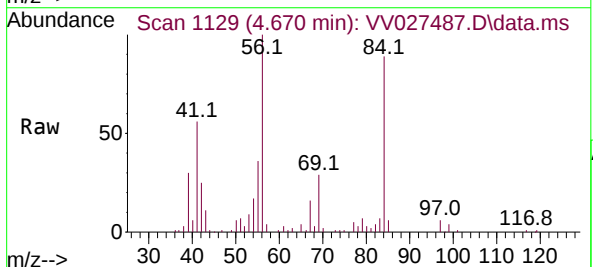
Tgt Ion: 56 Resp: 69533

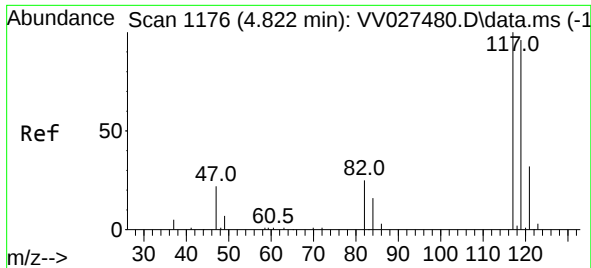
Ion Ratio Lower Upper

56 100

69 29.6 25.4 38.0

84 81.2 69.7 104.5

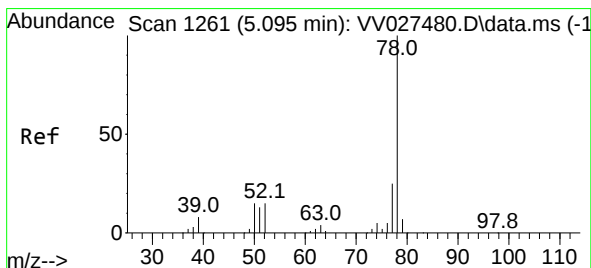
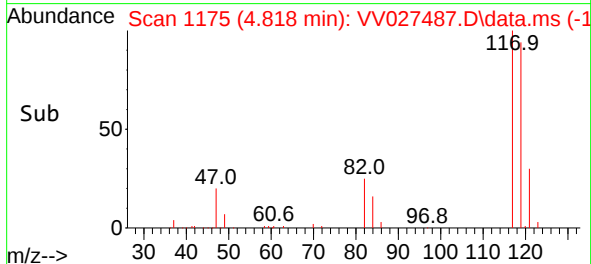
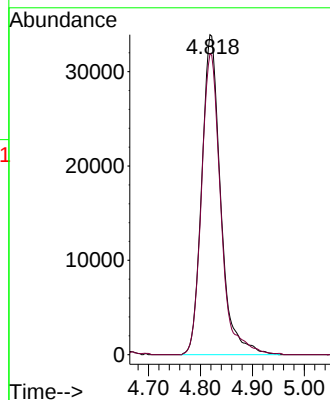
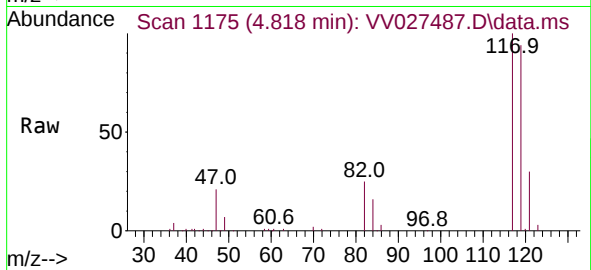




#31
Carbon tetrachloride
Concen: 4.971 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.003 min
Lab File: VV027487.D
Acq: 23 Aug 2022 16:26

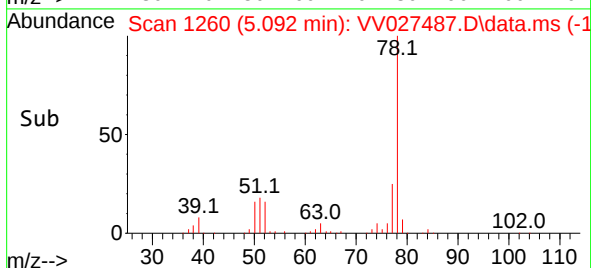
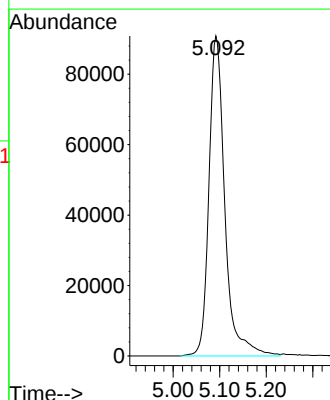
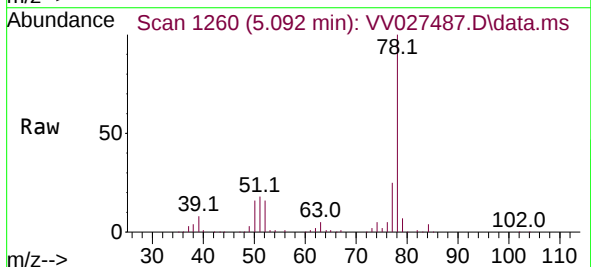
Instrument :
MSVOA_V
ClientSampleId :
VSTD005381

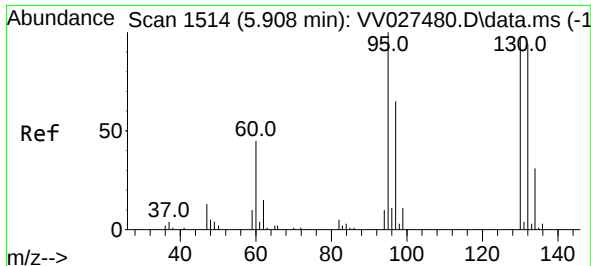
Tgt Ion:117 Resp: 85830
Ion Ratio Lower Upper
117 100
119 95.7 76.1 114.1



#33
Benzene
Concen: 5.016 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VV027487.D
Acq: 23 Aug 2022 16:26

Tgt Ion: 78 Resp: 215731

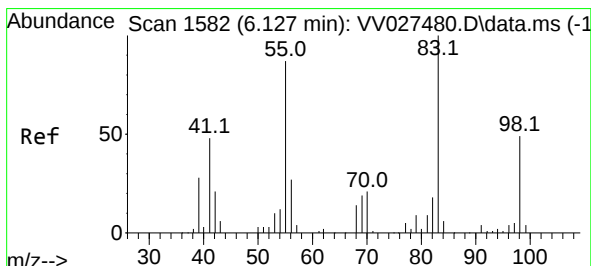
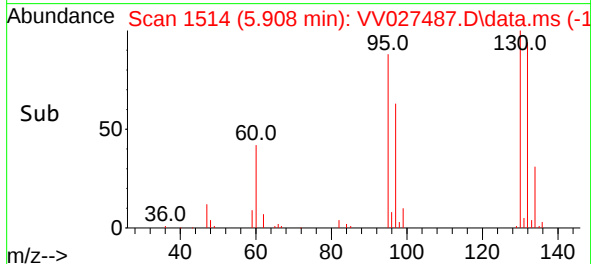
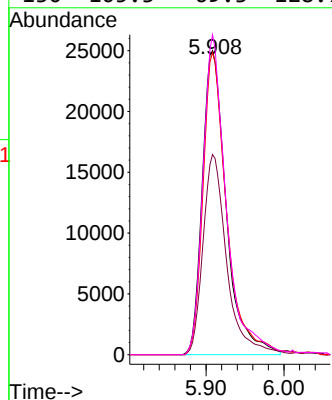
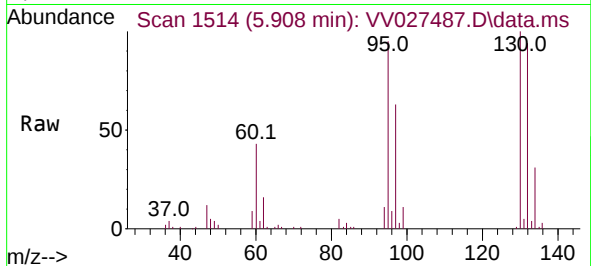




#34
Trichloroethene
Concen: 4.714 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VV027487.D
Acq: 23 Aug 2022 16:26

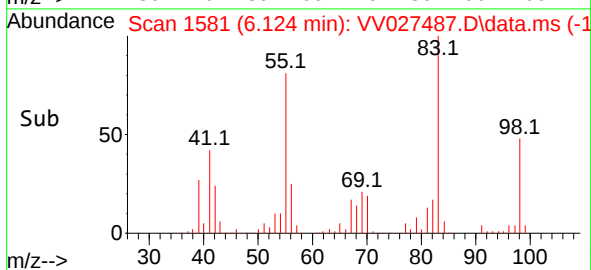
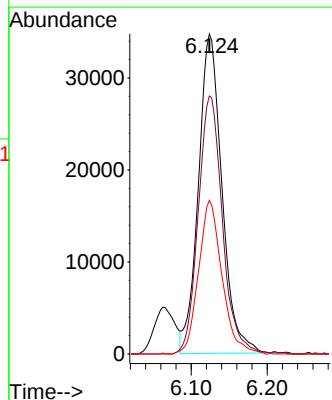
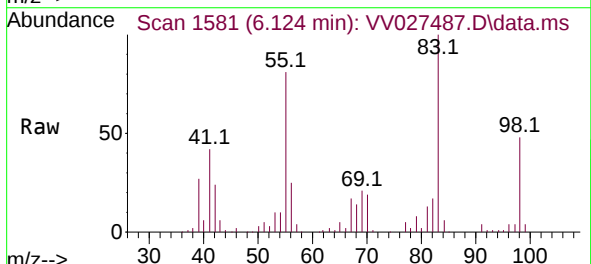
Instrument :
MSVOA_V
ClientSampleId :
VSTD005381

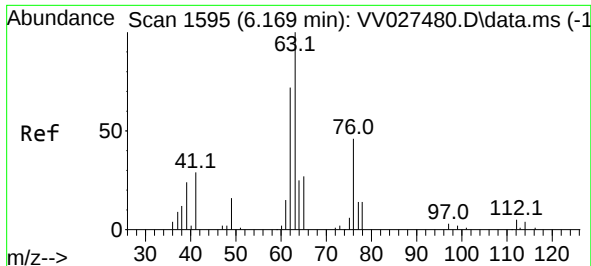
Tgt Ion: 95 Resp: 53355
Ion Ratio Lower Upper
95 100
97 65.9 45.0 83.6
132 99.5 65.7 121.9
130 105.3 69.3 128.7



#35
Methylcyclohexane
Concen: 4.702 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.003 min
Lab File: VV027487.D
Acq: 23 Aug 2022 16:26

Tgt Ion: 83 Resp: 74861
Ion Ratio Lower Upper
83 100
55 82.7 68.2 102.4
98 47.8 39.0 58.4





#37

1,2-Dichloropropane

Concen: 4.811 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV027487.D

Acq: 23 Aug 2022 16:26

Instrument :

MSVOA_V

ClientSampleId :

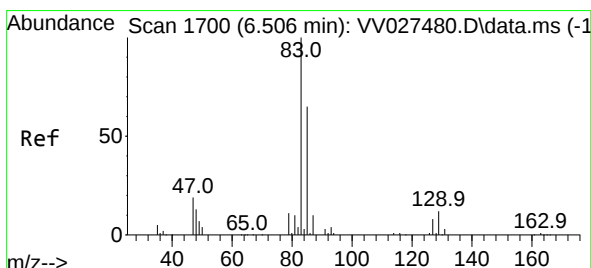
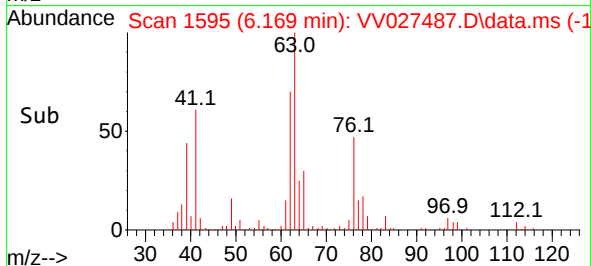
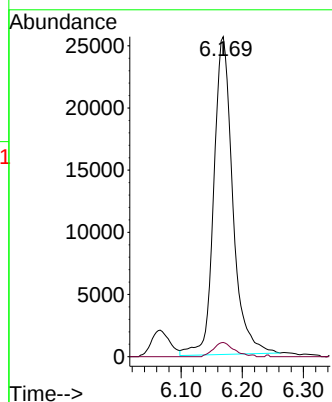
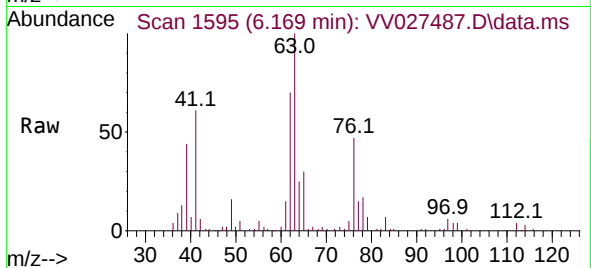
VSTD005381

Tgt Ion: 63 Resp: 55173

Ion Ratio Lower Upper

63 100

112 4.7 3.9 5.9



#38

Bromodichloromethane

Concen: 4.983 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VV027487.D

Acq: 23 Aug 2022 16:26

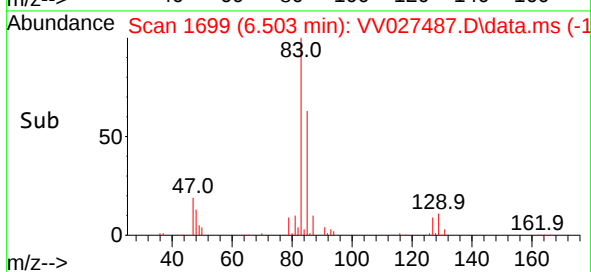
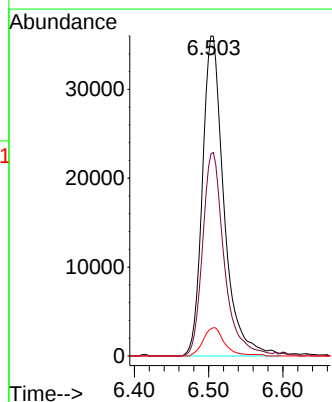
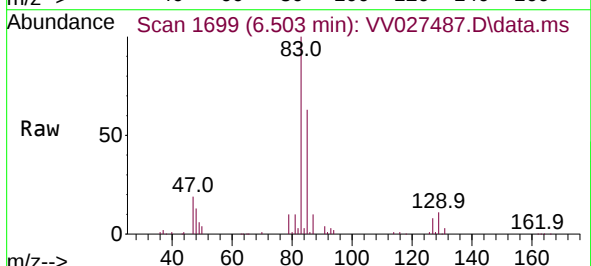
Tgt Ion: 83 Resp: 72451

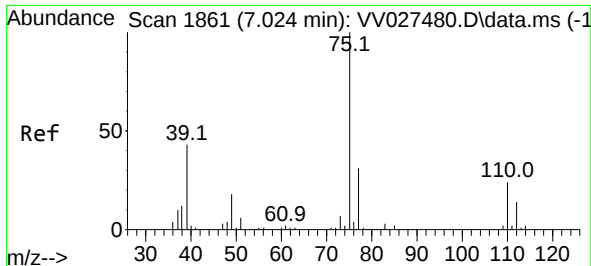
Ion Ratio Lower Upper

83 100

85 63.1 45.3 84.1

127 8.5 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.734 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV027487.D

Acq: 23 Aug 2022 16:26

Instrument :

MSVOA_V

ClientSampleId :

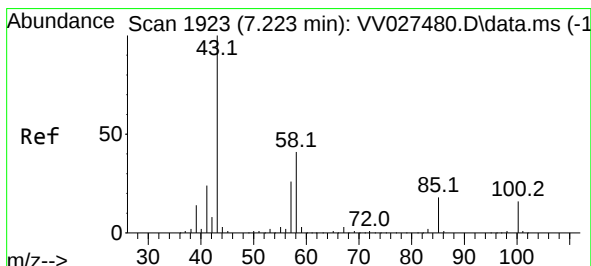
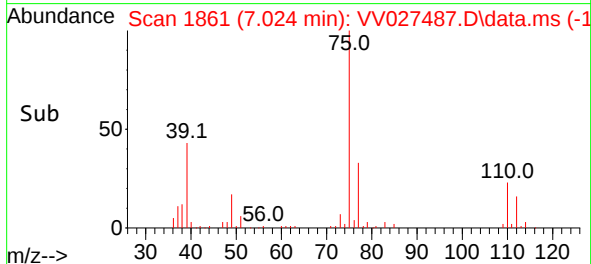
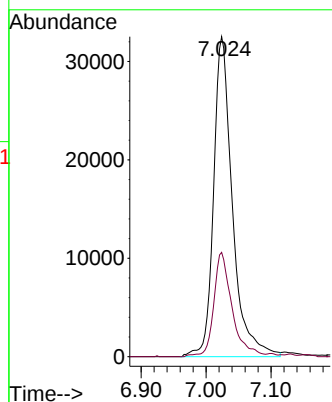
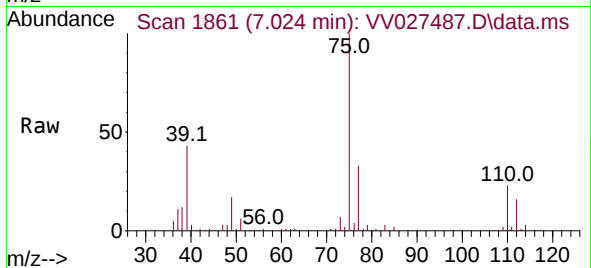
VSTD005381

Tgt Ion: 75 Resp: 65461

Ion Ratio Lower Upper

75 100

77 32.6 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 47.352 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV027487.D

Acq: 23 Aug 2022 16:26

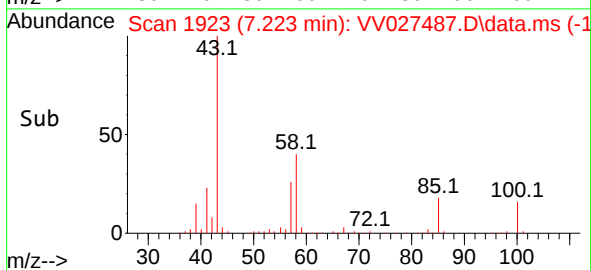
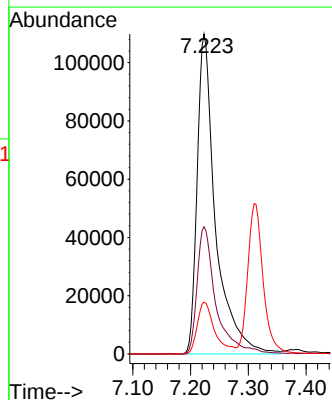
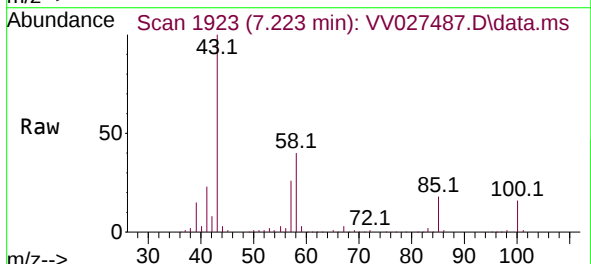
Tgt Ion: 43 Resp: 242608

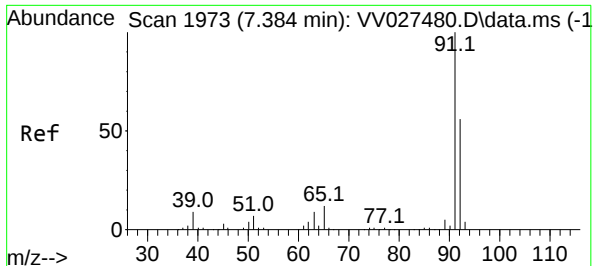
Ion Ratio Lower Upper

43 100

58 40.7 30.6 45.8

100 15.5 11.0 16.4





#42

Toluene

Concen: 5.295 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV027487.D

Acq: 23 Aug 2022 16:26

Instrument :

MSVOA_V

ClientSampleId :

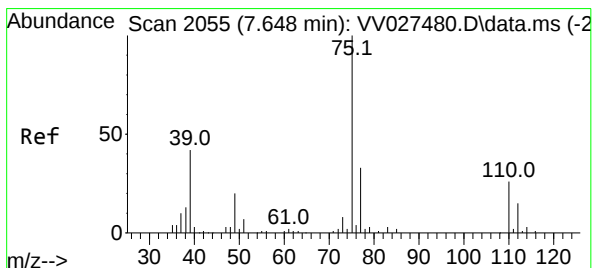
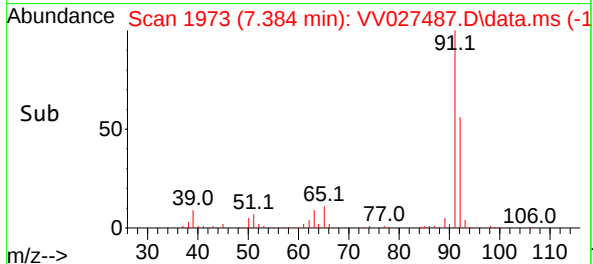
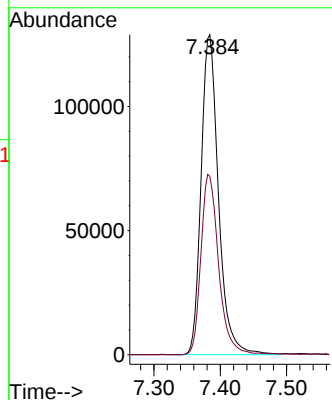
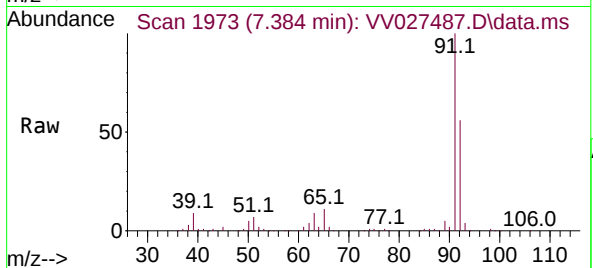
VSTD005381

Tgt Ion: 91 Resp: 235071

Ion Ratio Lower Upper

91 100

92 55.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 4.808 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV027487.D

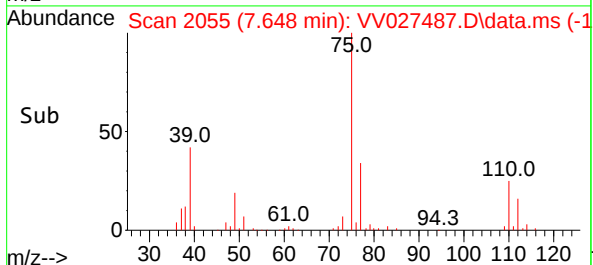
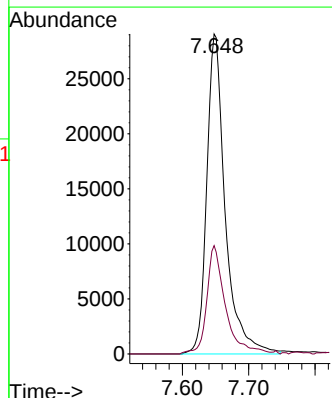
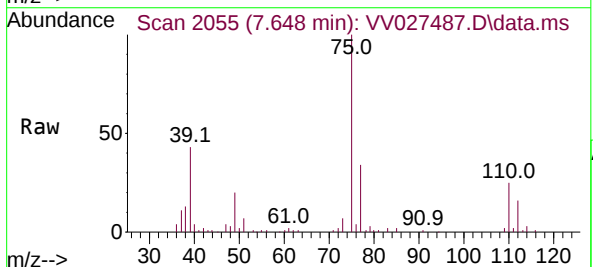
Acq: 23 Aug 2022 16:26

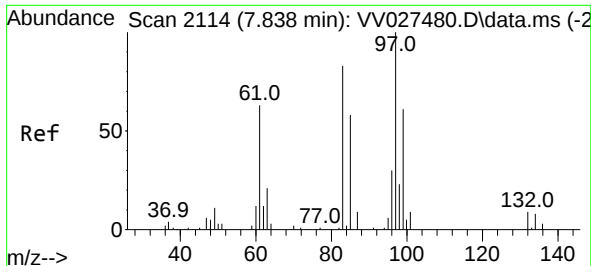
Tgt Ion: 75 Resp: 56201

Ion Ratio Lower Upper

75 100

77 33.9 22.3 41.5



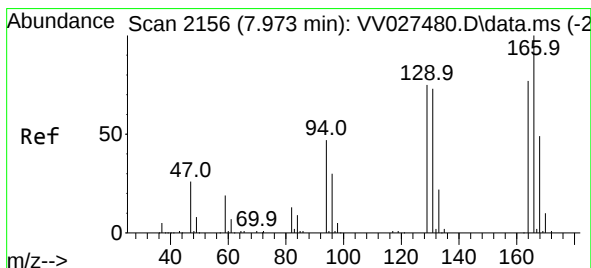
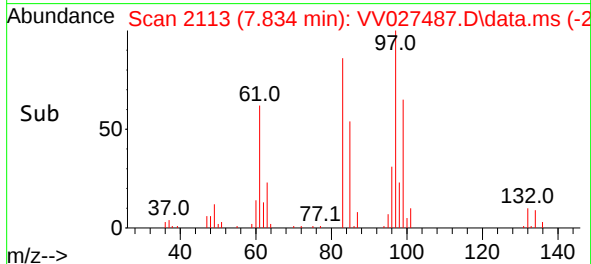
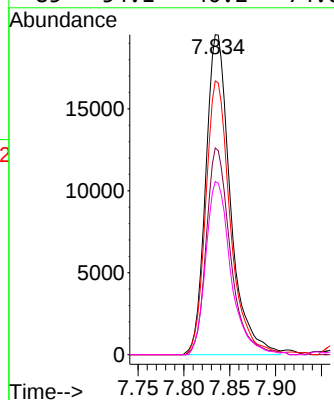
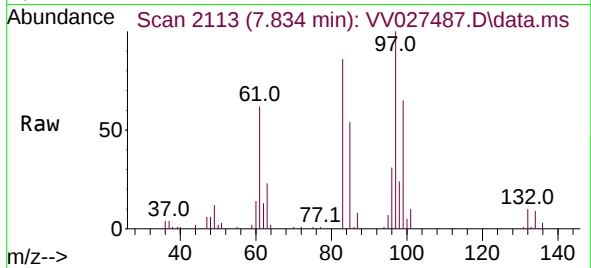


#45
1,1,2-Trichloroethane
Concen: 4.987 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VV027487.D
Acq: 23 Aug 2022 16:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD005381

Tgt Ion: 97 Resp: 36560

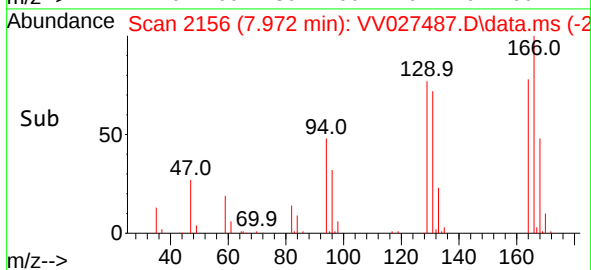
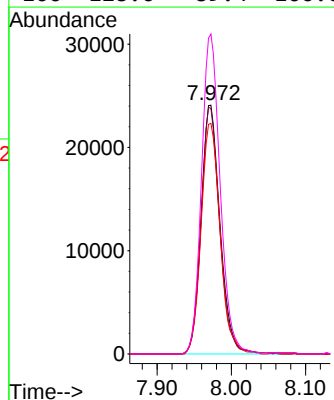
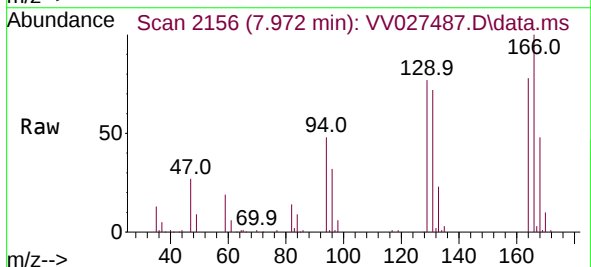
Ion	Ratio	Lower	Upper
97	100		
99	64.6	46.1	85.7
83	85.5	63.0	117.0
85	54.1	40.2	74.6

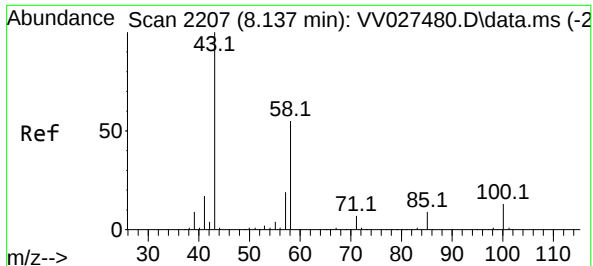


#47
Tetrachloroethene
Concen: 4.853 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV027487.D
Acq: 23 Aug 2022 16:26

Tgt Ion: 164 Resp: 42798

Ion	Ratio	Lower	Upper
164	100		
129	98.7	71.1	132.1
131	92.7	64.5	119.9
166	128.6	89.4	166.0

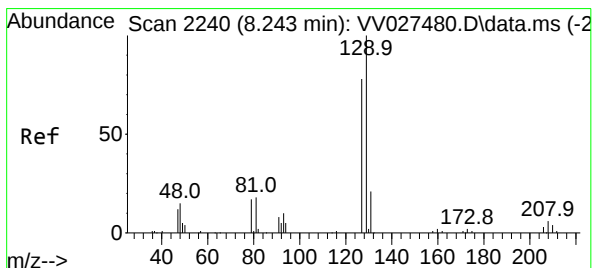
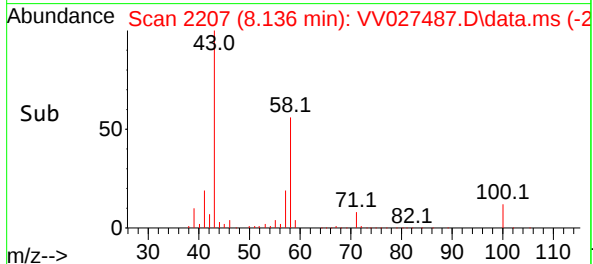
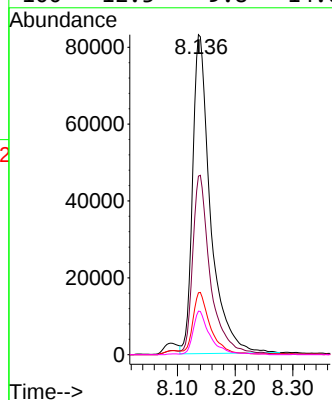
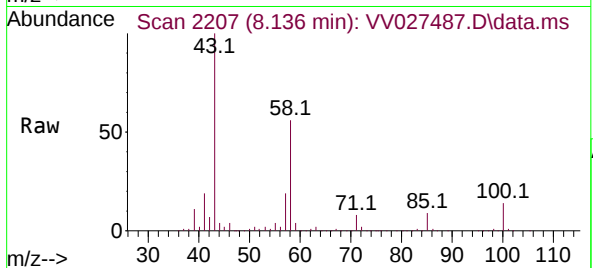




#48
2-Hexanone
Concen: 48.277 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027487.D
Acq: 23 Aug 2022 16:26

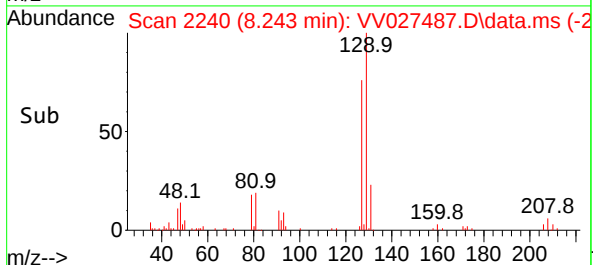
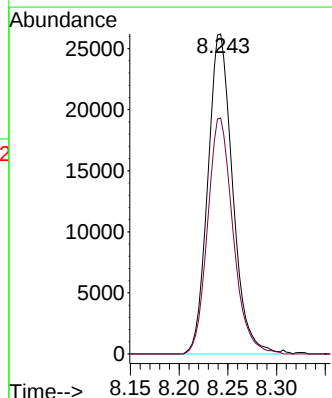
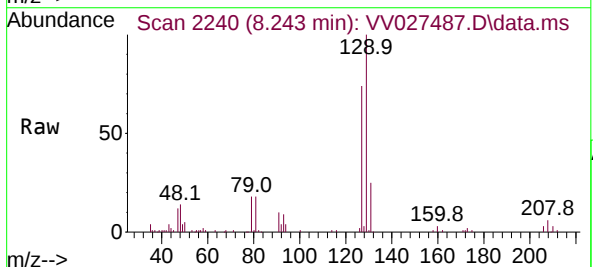
Instrument :
MSVOA_V
ClientSampleId :
VSTD005381

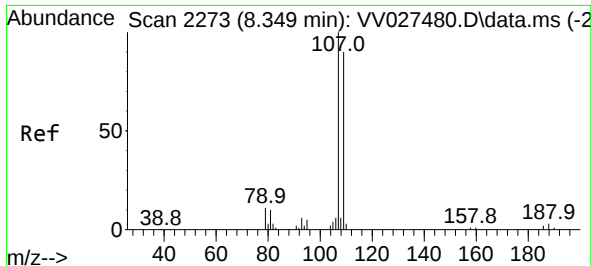
Tgt Ion: 43 Resp: 178230
Ion Ratio Lower Upper
43 100
58 54.1 41.3 61.9
57 18.9 14.9 22.3
100 12.3 9.8 14.6



#49
Dibromochloromethane
Concen: 5.148 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV027487.D
Acq: 23 Aug 2022 16:26

Tgt Ion: 129 Resp: 46417
Ion Ratio Lower Upper
129 100
127 73.7 55.9 103.7





#50

1,2-Dibromoethane

Concen: 4.989 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV027487.D

Acq: 23 Aug 2022 16:26

Instrument :

MSVOA_V

ClientSampleId :

VSTD005381

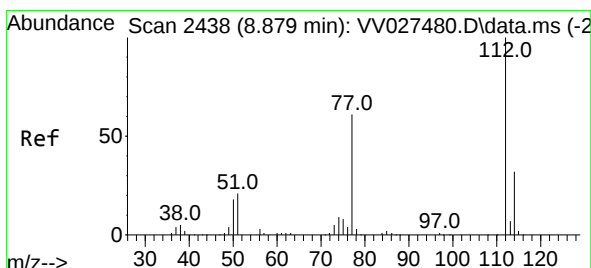
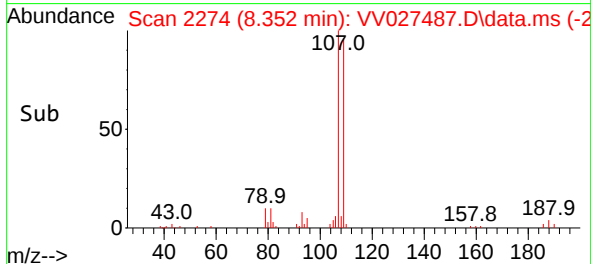
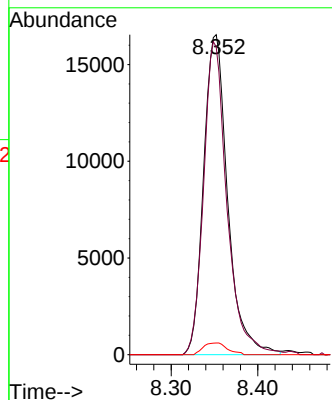
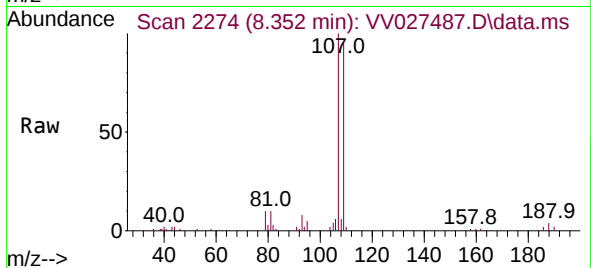
Tgt Ion:107 Resp: 31925

Ion Ratio Lower Upper

107 100

109 96.2 67.8 125.8

188 3.7 3.5 5.3



#51

Chlorobenzene

Concen: 4.861 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV027487.D

Acq: 23 Aug 2022 16:26

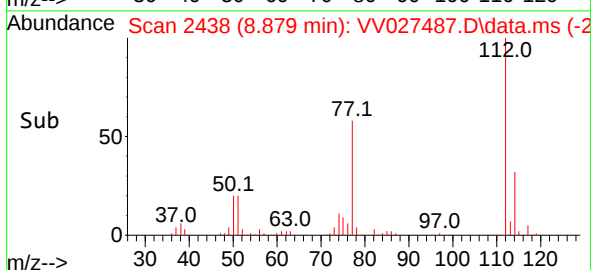
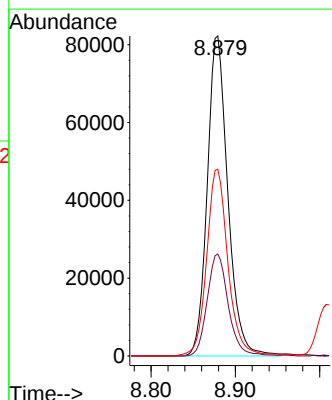
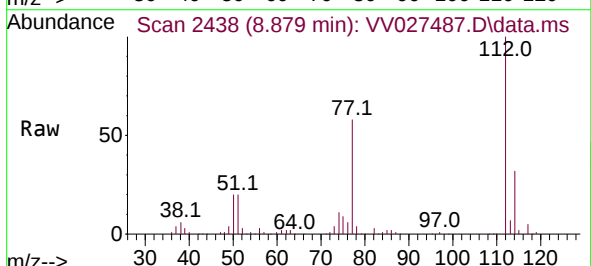
Tgt Ion:112 Resp: 139687

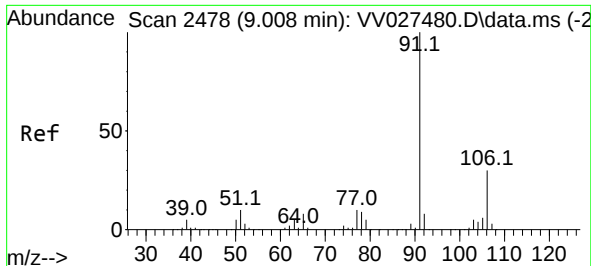
Ion Ratio Lower Upper

112 100

114 31.9 22.7 42.1

77 58.4 46.2 69.4





#52

Ethylbenzene

Concen: 4.942 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. 0.003 min

Lab File: VV027487.D

Acq: 23 Aug 2022 16:26

Instrument :

MSVOA_V

ClientSampleId :

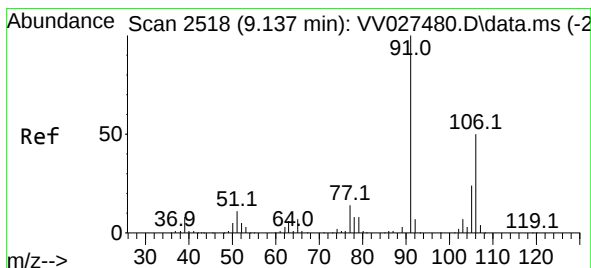
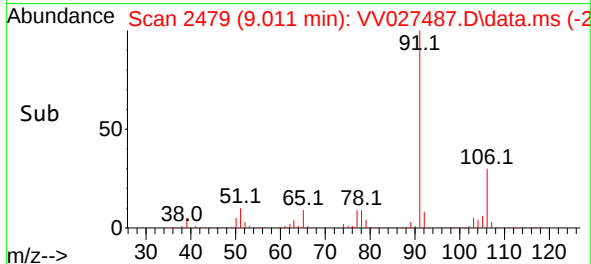
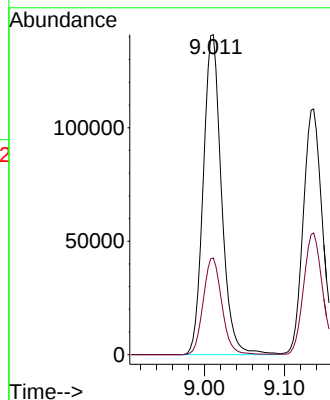
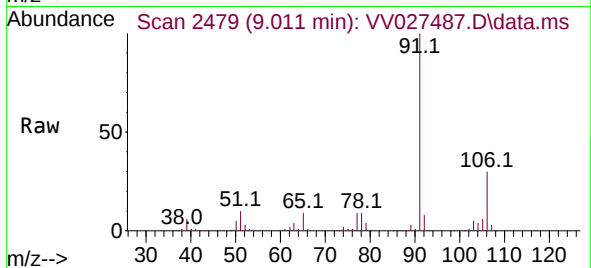
VSTD005381

Tgt Ion: 91 Resp: 223946

Ion Ratio Lower Upper

91 100

106 30.2 21.4 39.8



#53

m,p-Xylene

Concen: 5.093 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV027487.D

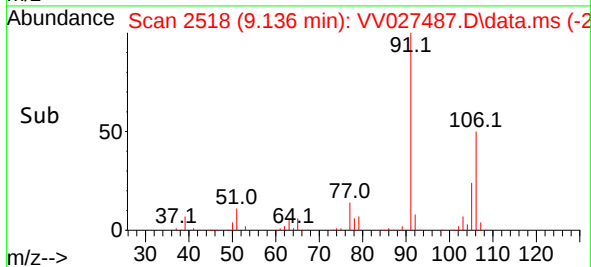
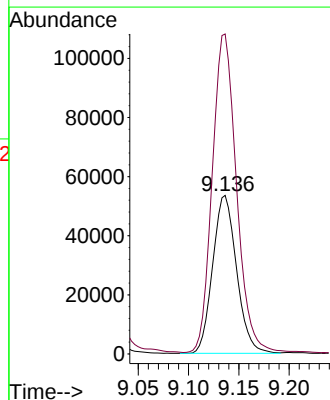
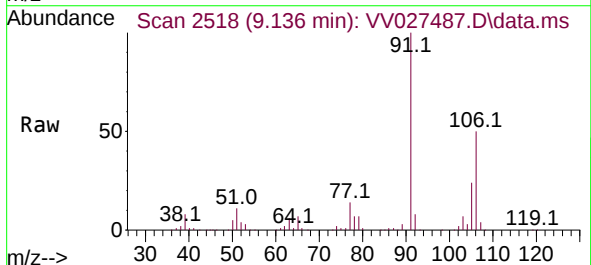
Acq: 23 Aug 2022 16:26

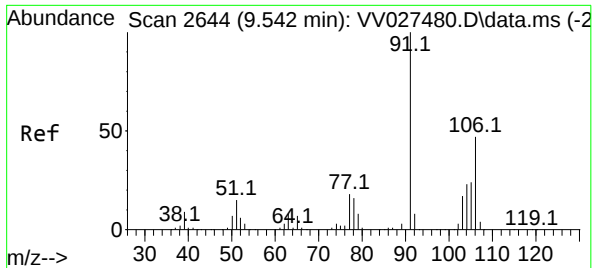
Tgt Ion: 106 Resp: 88328

Ion Ratio Lower Upper

106 100

91 201.9 143.8 267.0

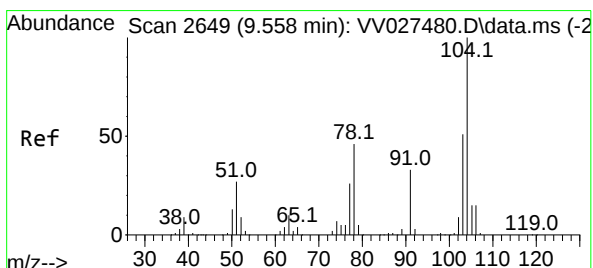
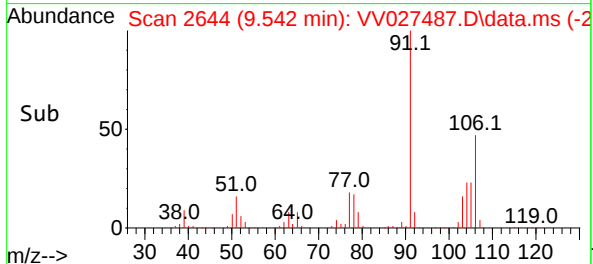
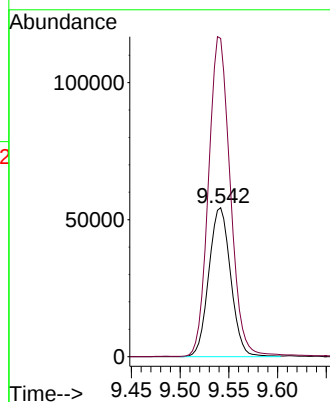
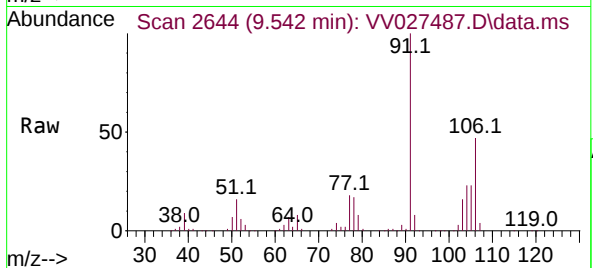




#54
o-Xylene
Concen: 5.040 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027487.D
Acq: 23 Aug 2022 16:26

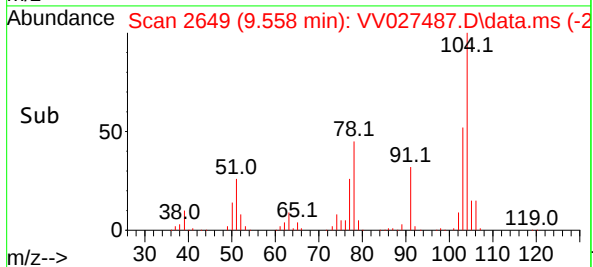
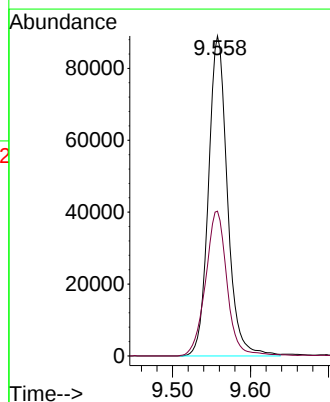
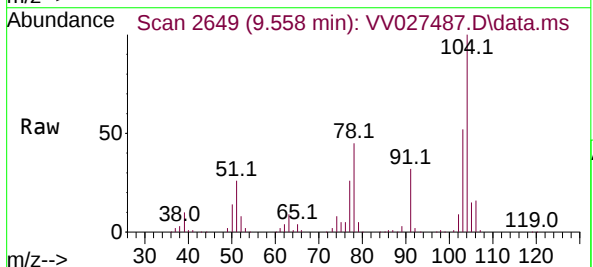
Instrument : MSVOA_V
ClientSampleId : VSTD005381

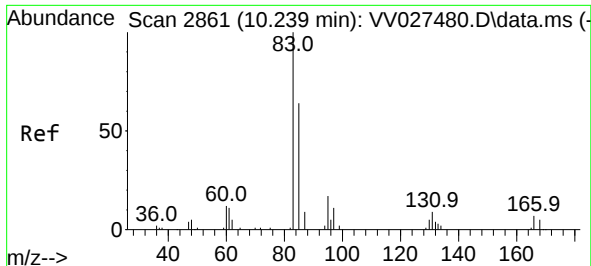
Tgt Ion:106 Resp: 84784
Ion Ratio Lower Upper
106 100
91 213.5 151.6 281.6



#55
Styrene
Concen: 5.265 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV027487.D
Acq: 23 Aug 2022 16:26

Tgt Ion:104 Resp: 150659
Ion Ratio Lower Upper
104 100
78 45.3 32.0 59.4

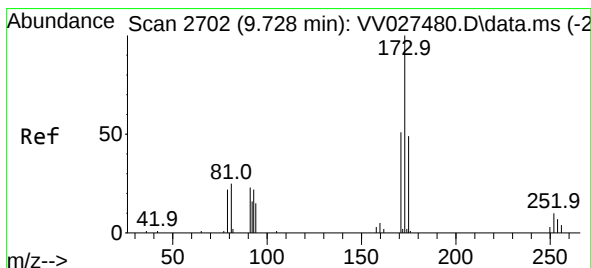
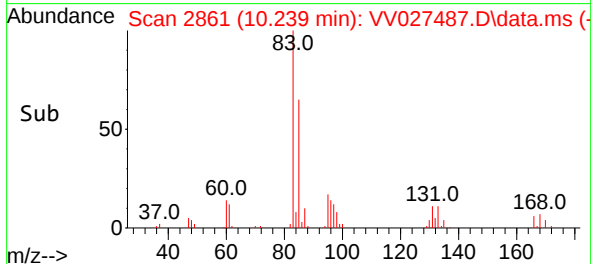
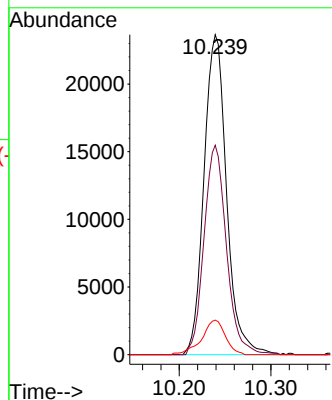
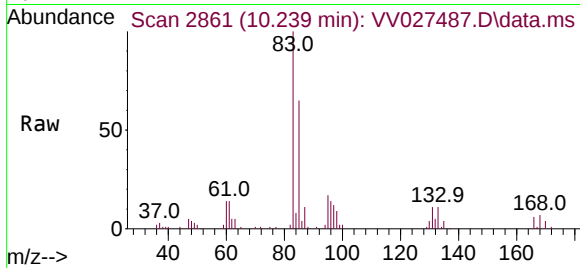




#57
1,1,2,2-Tetrachloroethane
Concen: 4.892 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV027487.D
Acq: 23 Aug 2022 16:26

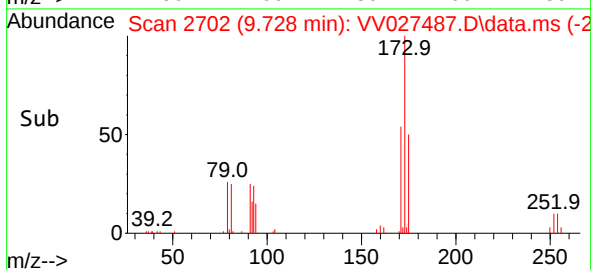
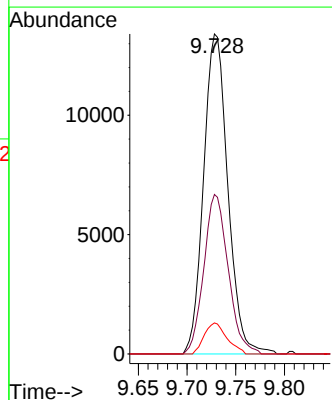
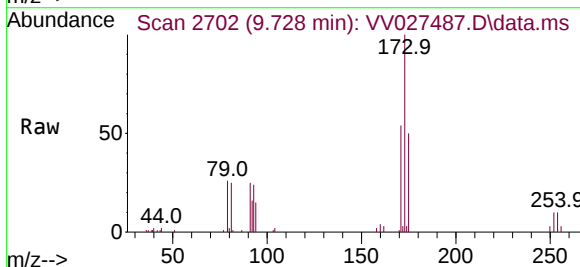
Instrument : MSVOA_V
ClientSampleId : VSTD005381

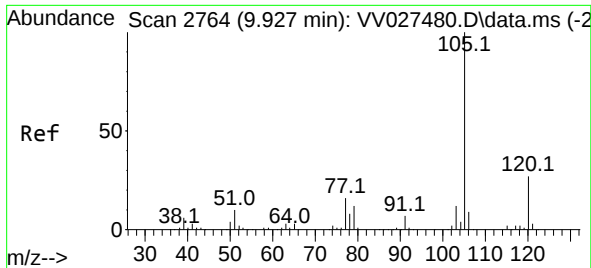
Tgt Ion: 83 Resp: 40394
Ion Ratio Lower Upper
83 100
85 65.4 44.1 81.9
131 10.8 7.3 10.9



#59
Bromoform
Concen: 4.874 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.000 min
Lab File: VV027487.D
Acq: 23 Aug 2022 16:26

Tgt Ion: 173 Resp: 23203
Ion Ratio Lower Upper
173 100
175 50.0 39.0 58.6
254 9.0 7.1 10.7

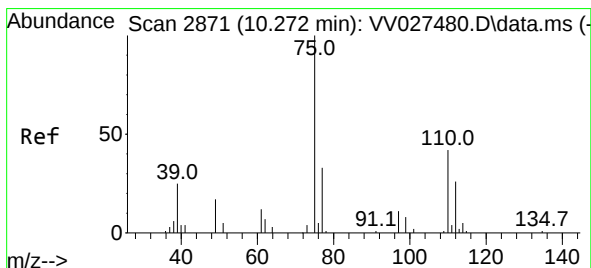
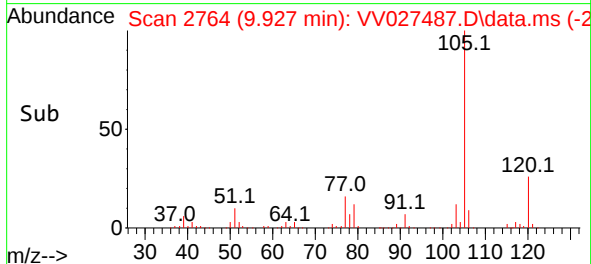
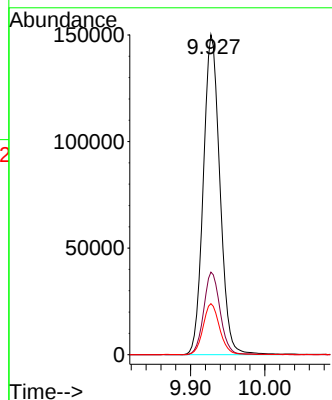
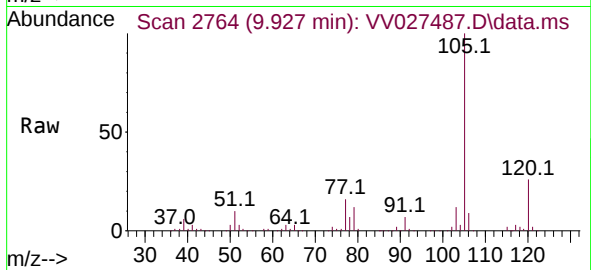




#60
Isopropylbenzene
Concen: 4.978 ug/L
RT: 9.927 min Scan# 2764
Delta R.T. -0.000 min
Lab File: VV027487.D
Acq: 23 Aug 2022 16:26

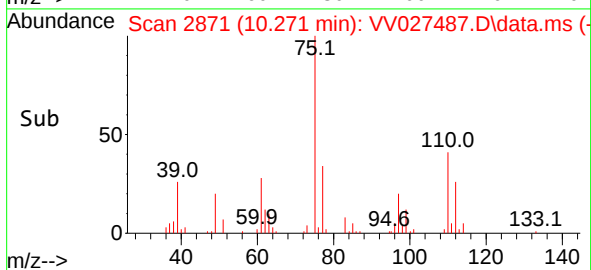
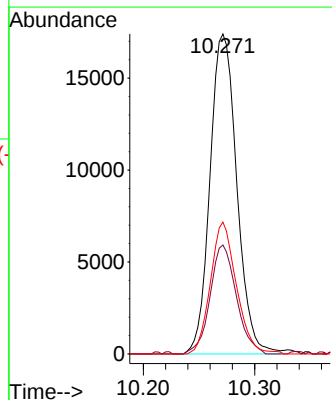
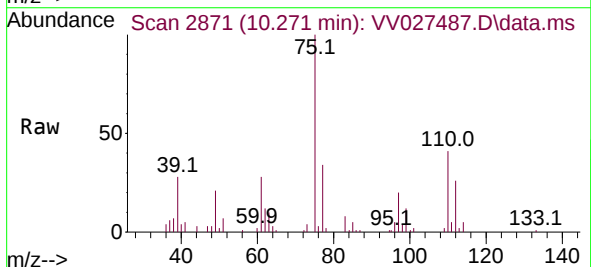
Instrument :
MSVOA_V
ClientSampleId :
VSTD005381

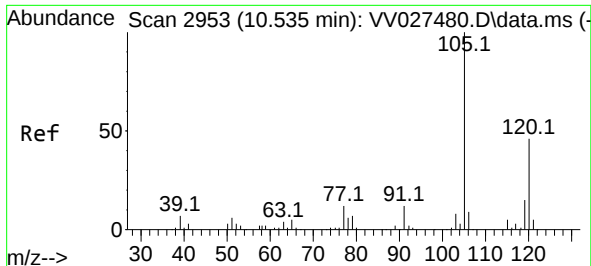
Tgt Ion:105 Resp: 232665
Ion Ratio Lower Upper
105 100
120 25.7 20.9 31.3
77 16.0 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.670 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV027487.D
Acq: 23 Aug 2022 16:26

Tgt Ion: 75 Resp: 29101
Ion Ratio Lower Upper
75 100
77 33.4 26.2 39.2
110 39.9 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 4.632 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. -0.000 min

Lab File: VV027487.D

Acq: 23 Aug 2022 16:26

Instrument :

MSVOA_V

ClientSampleId :

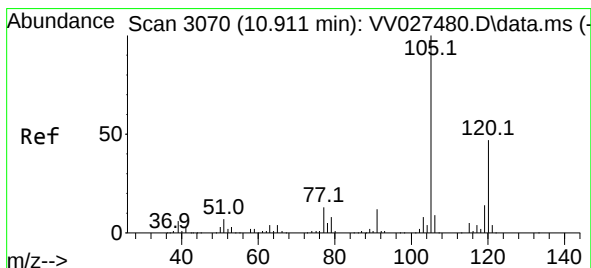
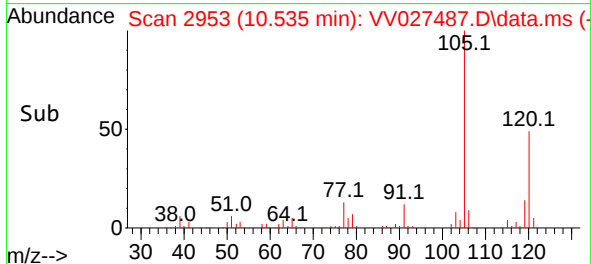
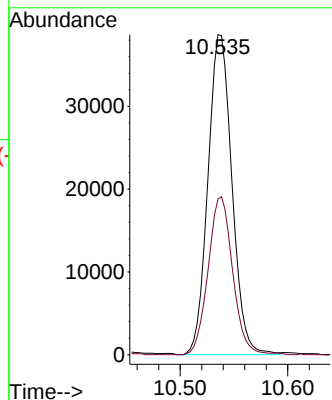
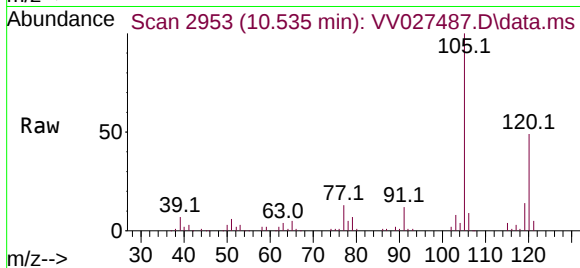
VSTD005381

Tgt Ion:105 Resp: 60028

Ion Ratio Lower Upper

105 100

120 50.3 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 4.698 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV027487.D

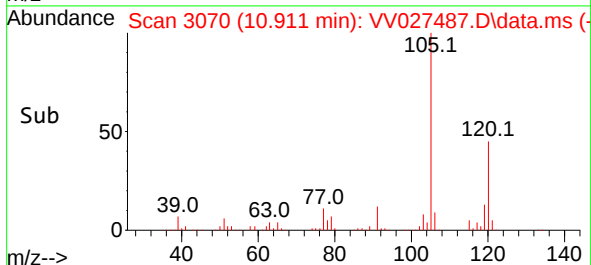
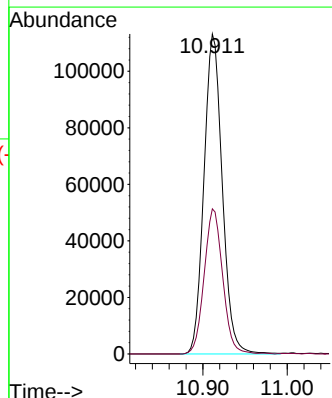
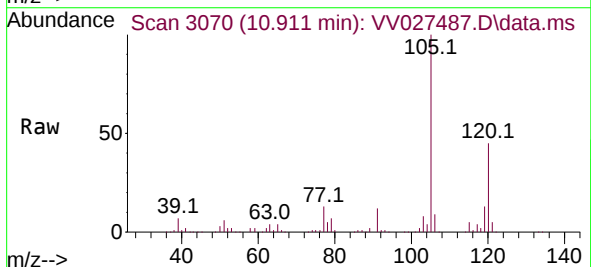
Acq: 23 Aug 2022 16:26

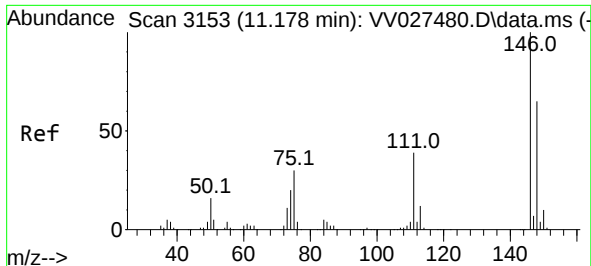
Tgt Ion:105 Resp: 171527

Ion Ratio Lower Upper

105 100

120 45.7 35.8 53.6

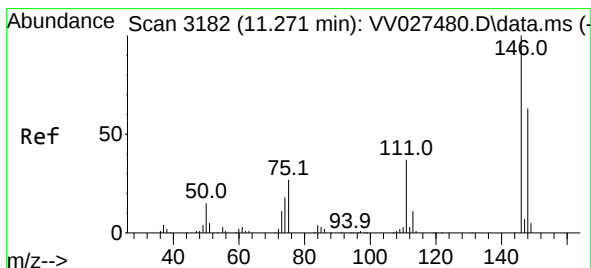
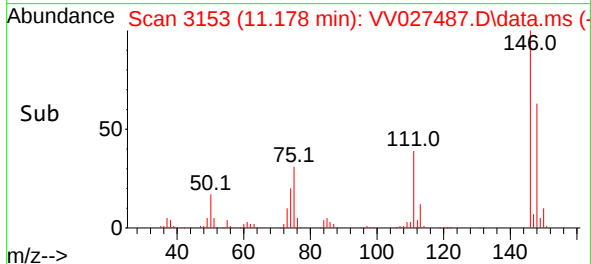
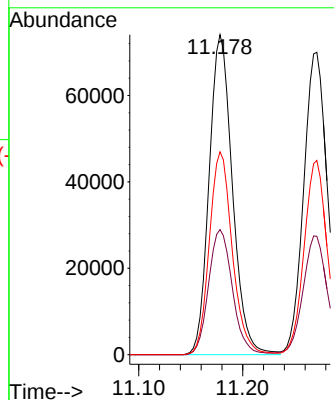
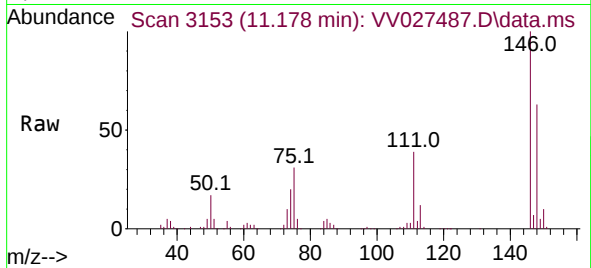




#64
1,3-Dichlorobenzene
Concen: 5.011 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV027487.D
Acq: 23 Aug 2022 16:26

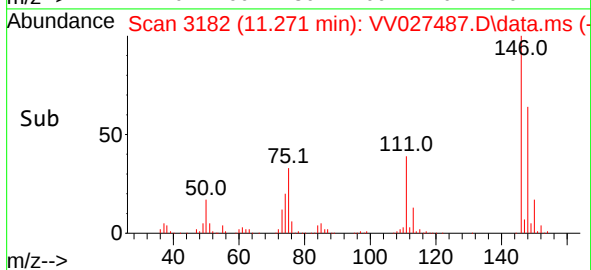
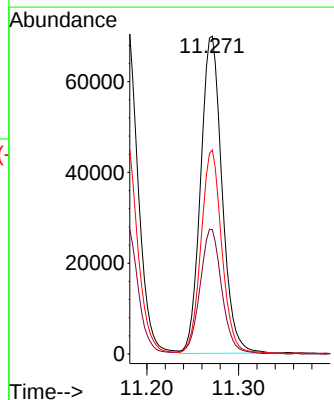
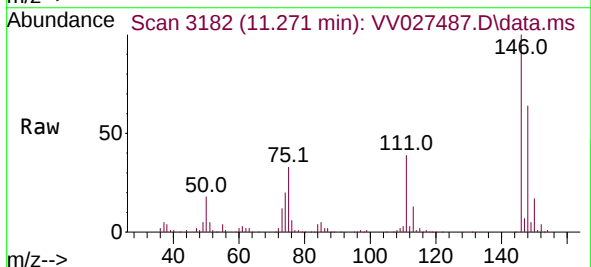
Instrument :
MSVOA_V
ClientSampleId :
VSTD005381

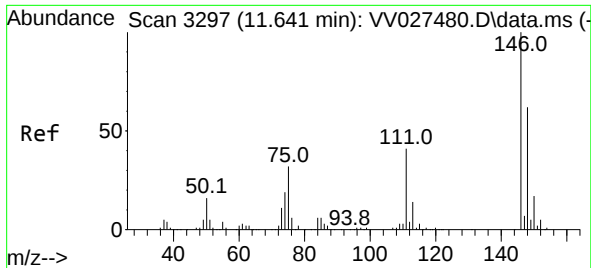
Tgt Ion:146 Resp: 115390
Ion Ratio Lower Upper
146 100
111 39.1 28.8 53.4
148 63.4 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 4.936 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV027487.D
Acq: 23 Aug 2022 16:26

Tgt Ion:146 Resp: 113305
Ion Ratio Lower Upper
146 100
111 39.1 26.6 49.4
148 64.2 42.6 79.0

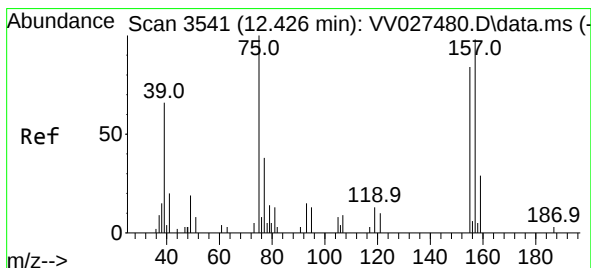
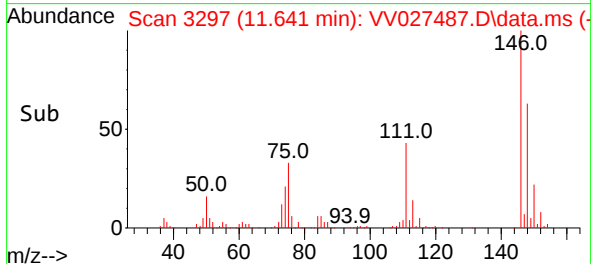
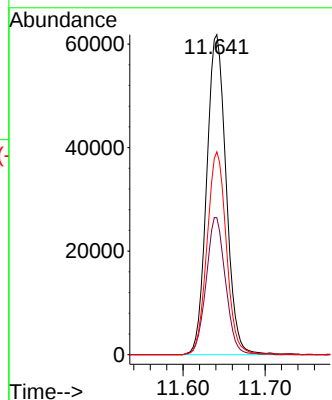
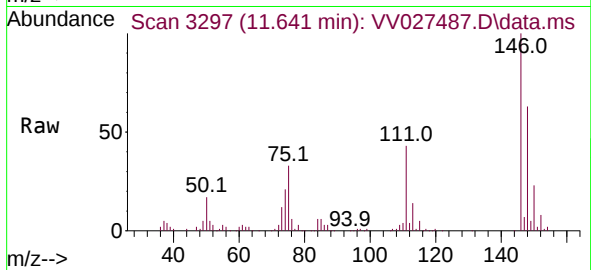




#67
1,2-Dichlorobenzene
Concen: 4.883 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV027487.D
Acq: 23 Aug 2022 16:26

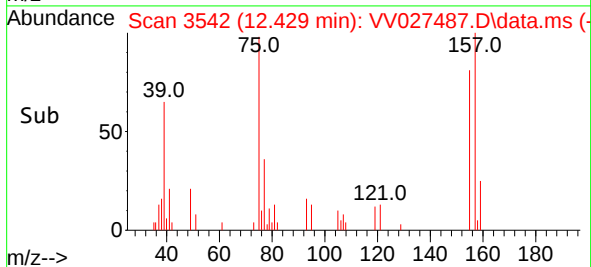
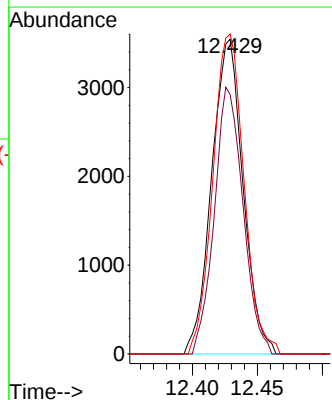
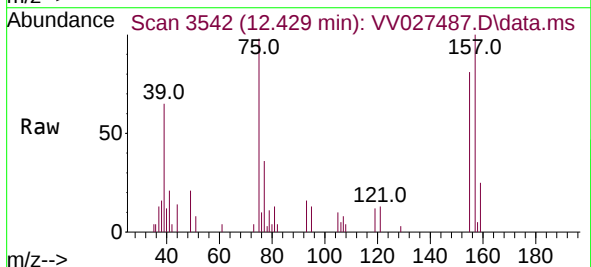
Instrument :
MSVOA_V
ClientSampleId :
VSTD005381

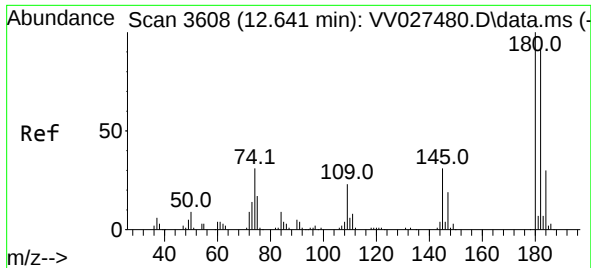
Tgt Ion:146 Resp: 101951
Ion Ratio Lower Upper
146 100
111 42.8 34.5 51.7
148 63.4 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 4.294 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV027487.D
Acq: 23 Aug 2022 16:26

Tgt Ion: 75 Resp: 5945
Ion Ratio Lower Upper
75 100
155 82.5 63.1 94.7
157 101.7 81.8 122.8

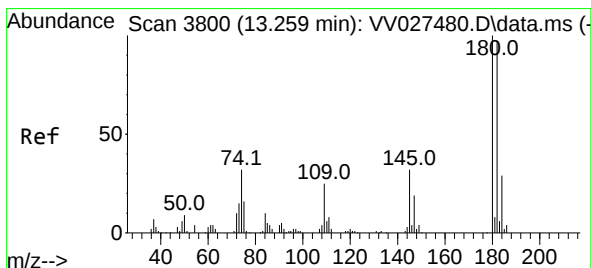
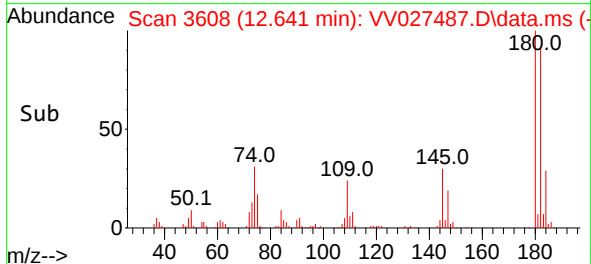
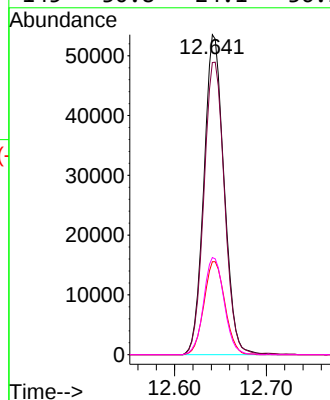
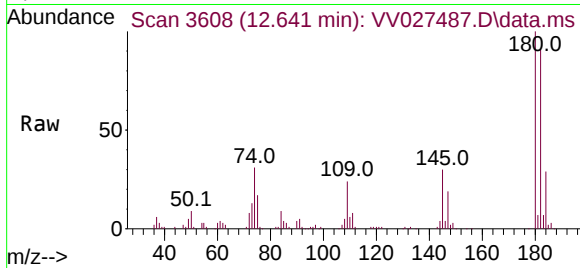




#69
 1,3,5-Trichlorobenzene
 Concen: 4.754 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. -0.000 min
 Lab File: VV027487.D
 Acq: 23 Aug 2022 16:26

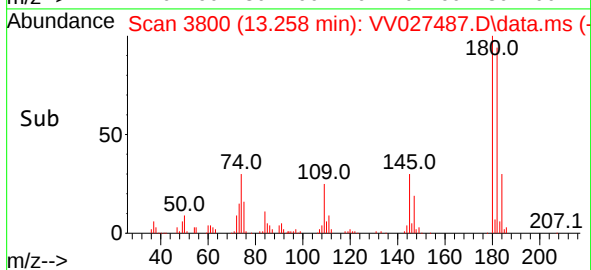
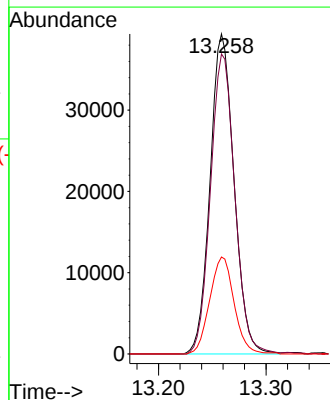
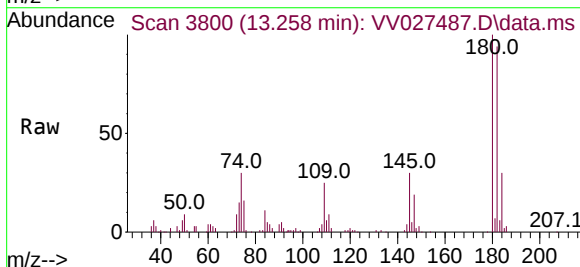
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005381

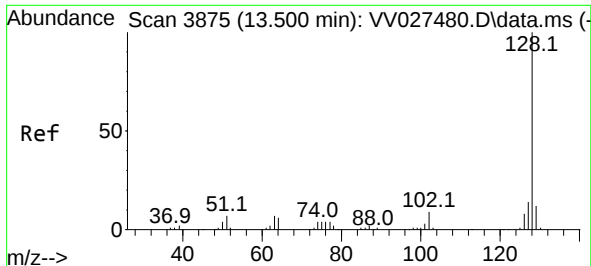
Tgt Ion:180	Resp:	81711
Ion Ratio	Lower	Upper
180	100	
182	93.4	74.1 111.1
184	30.2	23.2 34.8
145	30.8	24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 4.878 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV027487.D
 Acq: 23 Aug 2022 16:26

Tgt Ion:180	Resp:	60927
Ion Ratio	Lower	Upper
180	100	
182	94.9	76.0 114.0
145	30.9	24.9 37.3

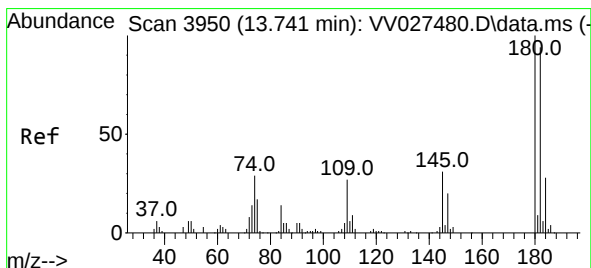
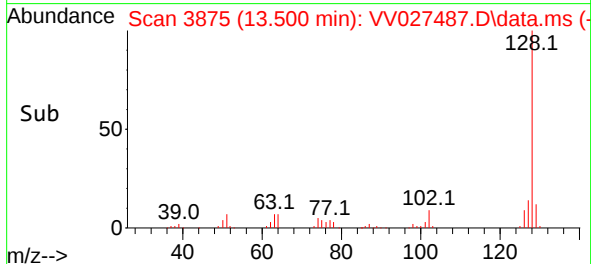
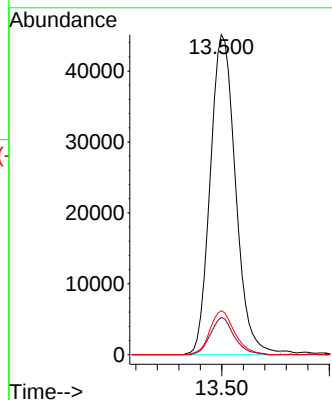
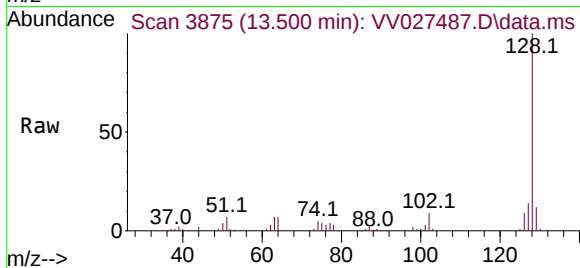




#71
Naphthalene
Concen: 4.276 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV027487.D
Acq: 23 Aug 2022 16:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD005381

Tgt Ion:128 Resp: 73728
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.5 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.922 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV027487.D
Acq: 23 Aug 2022 16:26

Tgt Ion:180 Resp: 54607
Ion Ratio Lower Upper
180 100
182 95.5 75.3 112.9
145 33.2 26.6 39.8

