

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072922\
 Data File : VW027100.D
 Acq On : 29 Jul 2022 21:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050319

Quant Time: Jul 30 00:11:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 30 00:04:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	561998	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	544648	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	291133	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	214572	40.132	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.260%
7) Chloroethane-d5	1.564	69	185631	43.819	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.640%
11) 1,1-Dichloroethene-d2	2.105	63	381988	41.965	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.940%
21) 2-Butanone-d5	3.883	46	263830	86.538	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.540%
24) Chloroform-d	4.342	84	453761	47.121	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.240%
26) 1,2-Dichloroethane-d4	5.027	65	263595	48.220	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.440%
32) Benzene-d6	5.043	84	892917	46.686	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.380%
36) 1,2-Dichloropropane-d6	6.066	67	281251	48.045	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.080%
41) Toluene-d8	7.313	98	781792	45.223	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.440%
43) trans-1,3-Dichloroprop...	7.619	79	125261	48.440	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.880%
47) 2-Hexanone-d5	8.088	63	273542	108.698	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.700%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	443543	50.253	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.500%
66) 1,2-Dichlorobenzene-d4	11.622	152	301947	46.137	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	283335	48.578	ug/L	100
3) Chloromethane	1.236	50	285373	53.508	ug/L	99
5) Vinyl chloride	1.307	62	295520	52.238	ug/L	99
6) Bromomethane	1.519	94	179757	51.739	ug/L	99
8) Chloroethane	1.581	64	179005	53.892	ug/L	99
9) Trichlorofluoromethane	1.748	101	360104	49.616	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	200760	47.917	ug/L	99
12) 1,1-Dichloroethene	2.114	96	210189	51.346	ug/L	85
13) Acetone	2.172	43	148804	65.898	ug/L	75
14) Carbon disulfide	2.288	76	628075	48.361	ug/L	99
15) Methyl Acetate	2.429	43	199222	53.089	ug/L	97
16) Methylene chloride	2.500	84	269222	51.595	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	229783	51.271	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	700408	56.897	ug/L	99
19) 1,1-Dichloroethane	3.185	63	419023	53.540	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	250633	54.079	ug/L	97
22) 2-Butanone	3.966	43	243598	97.786	ug/L	90
23) Bromochloromethane	4.240	128	137026	54.885	ug/L	99
25) Chloroform	4.368	83	443659	53.769	ug/L	100

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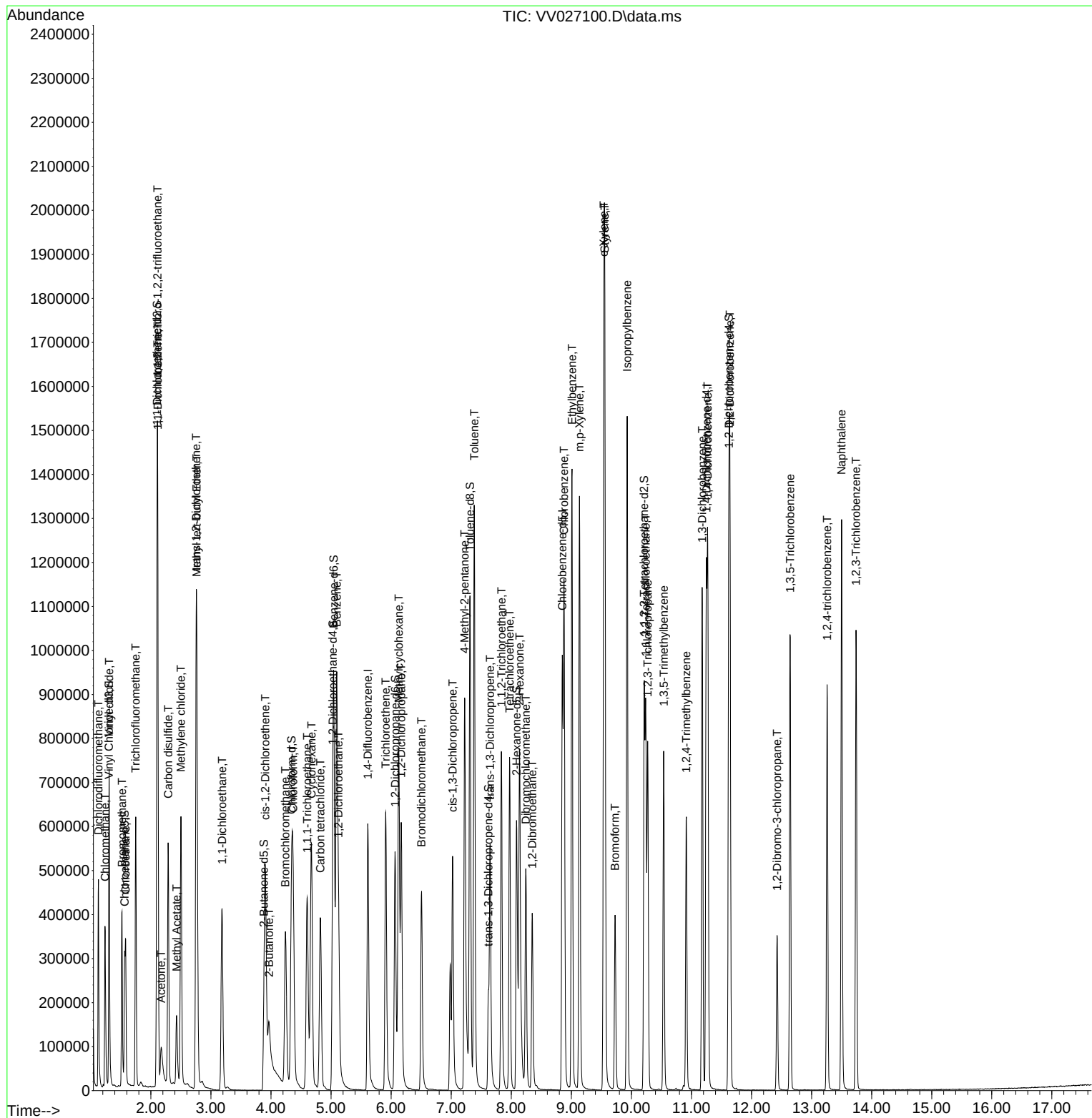
Quant Time: Jul 30 00:11:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
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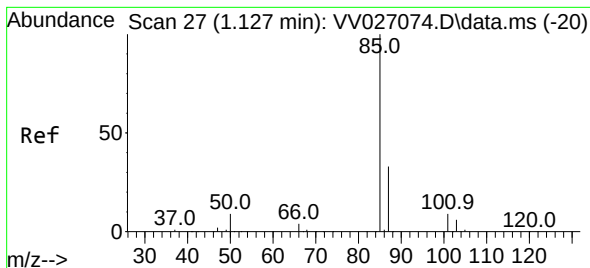
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	316757	55.788	ug/L	98
29) Cyclohexane	4.674	56	301534	51.528	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	370125	52.946	ug/L	99
31) Carbon tetrachloride	4.822	117	308888	50.757	ug/L	99
33) Benzene	5.095	78	982225	55.960	ug/L	100
34) Trichloroethene	5.908	95	232286	51.419	ug/L	99
35) Methylcyclohexane	6.127	83	339052	50.308	ug/L	98
37) 1,2-Dichloropropane	6.169	63	253534	57.715	ug/L	99
38) Bromodichloromethane	6.506	83	327801	56.181	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	354546	56.260	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	665228	119.726	ug/L	99
42) Toluene	7.384	91	1003781	55.467	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	345406	56.377	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	262661	55.848	ug/L	98
46) Tetrachloroethene	7.973	164	175162	49.572	ug/L	98
48) 2-Hexanone	8.140	43	529804	120.998	ug/L	100
49) Dibromochloromethane	8.243	129	269994	55.821	ug/L	98
50) 1,2-Dibromoethane	8.349	107	276246	56.014	ug/L	99
51) Chlorobenzene	8.879	112	648210	53.112	ug/L	99
52) Ethylbenzene	9.011	91	995958	54.352	ug/L	100
53) m,p-Xylene	9.136	106	400047	55.504	ug/L	100
54) o-Xylene	9.542	106	392228	56.509	ug/L	100
55) Styrene	9.558	104	717462	59.062	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	426506	56.247	ug/L	99
59) Bromoform	9.728	173	183068	55.356	ug/L	99
60) Isopropylbenzene	9.931	105	979497	53.913	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	328552	53.810	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	415441	53.425	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	340674	54.899	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	474688	53.822	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	489779	52.699	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	501969	54.499	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	86731	54.179	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	317374	53.056	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	275234	53.757	ug/L	99
71) Naphthalene	13.500	128	993589	55.772	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	308439	55.541	ug/L	99

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

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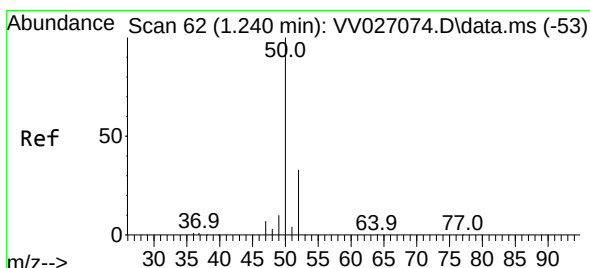
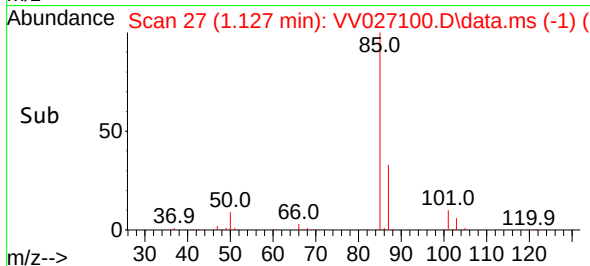
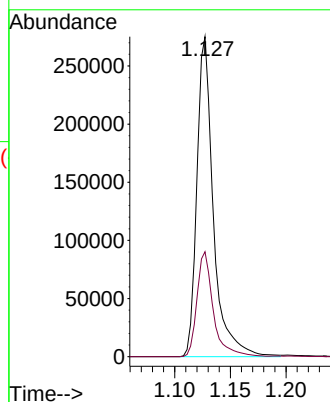
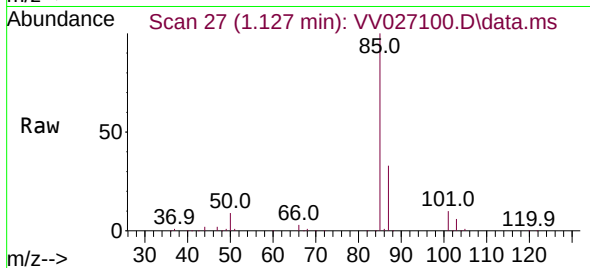




#2
 Dichlorodifluoromethane
 Concen: 48.578 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV027100.D
 Acq: 29 Jul 2022 21:49

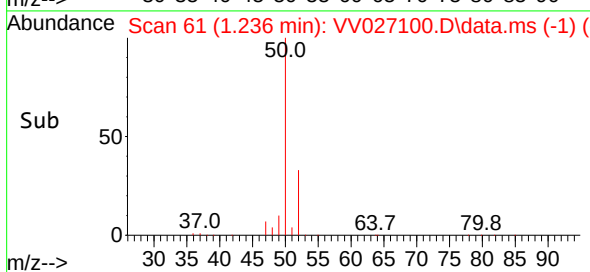
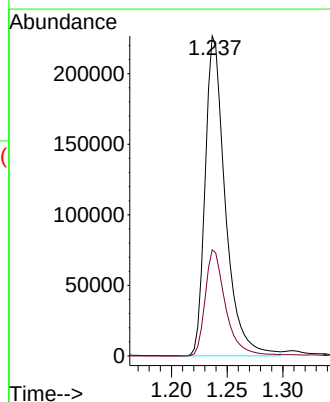
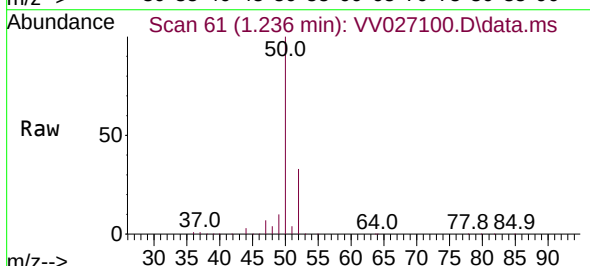
Instrument :
 MSVOA_V
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 VSTD050319

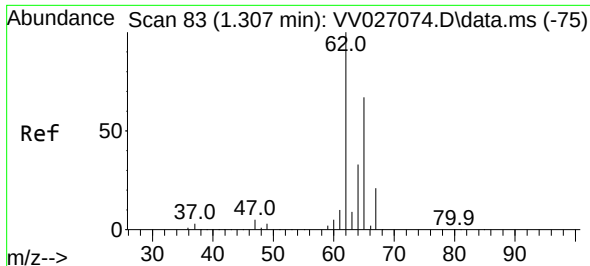
Tgt Ion: 85 Resp: 283335
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.1 39.1



#3
 Chloromethane
 Concen: 53.508 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV027100.D
 Acq: 29 Jul 2022 21:49

Tgt Ion: 50 Resp: 285373
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.5 43.7

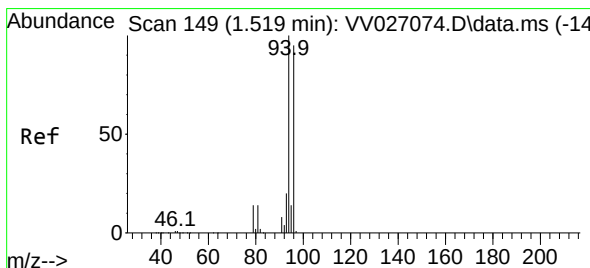
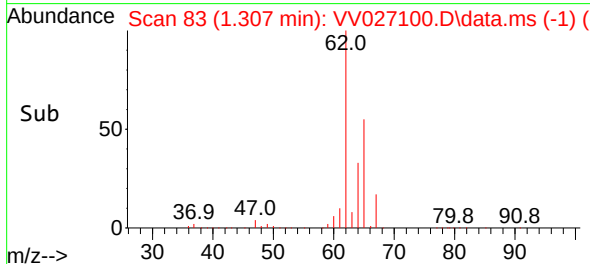
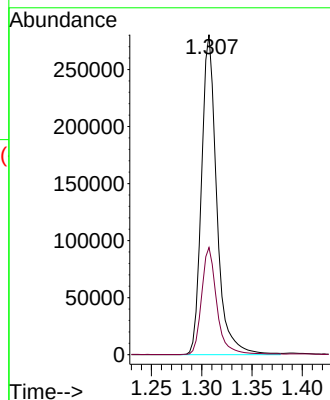
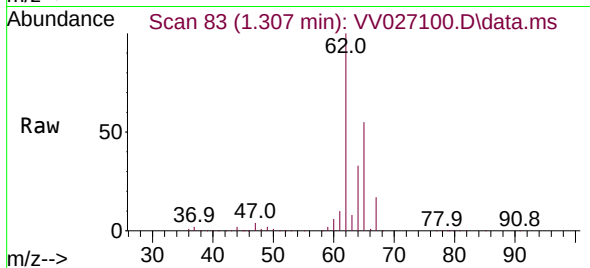




#5
 Vinyl chloride
 Concen: 52.238 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV027100.D
 Acq: 29 Jul 2022 21:49

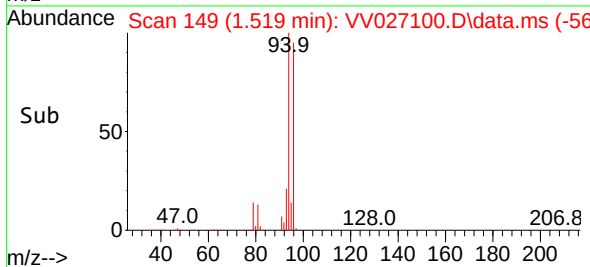
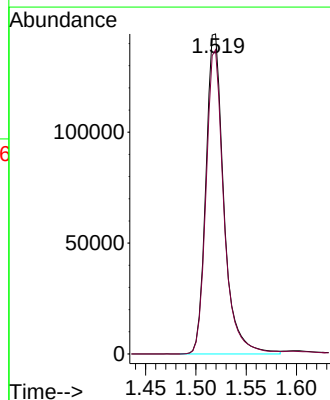
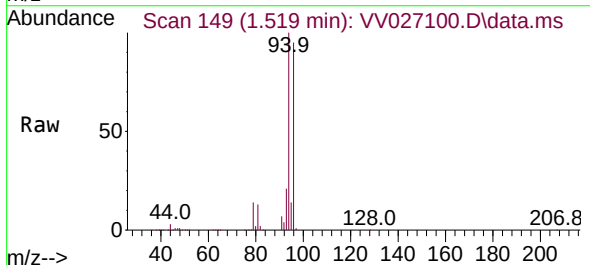
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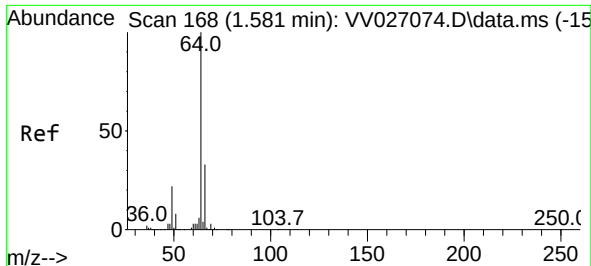
Tgt Ion: 62 Resp: 295520
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.2 43.2



#6
 Bromomethane
 Concen: 51.739 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV027100.D
 Acq: 29 Jul 2022 21:49

Tgt Ion: 94 Resp: 179757
 Ion Ratio Lower Upper
 94 100
 96 95.0 66.1 122.8

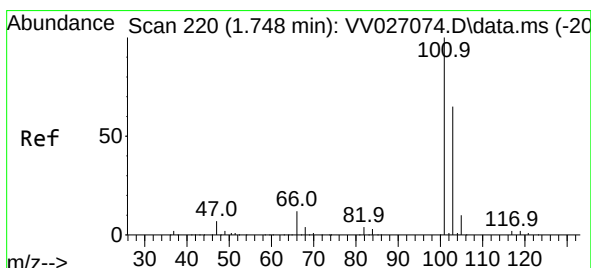
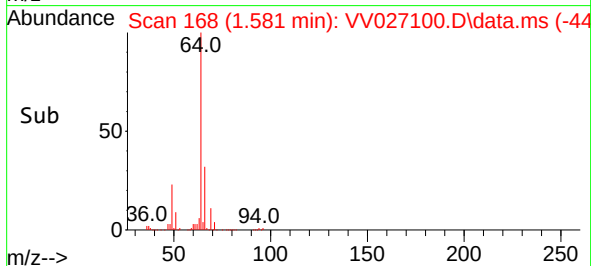
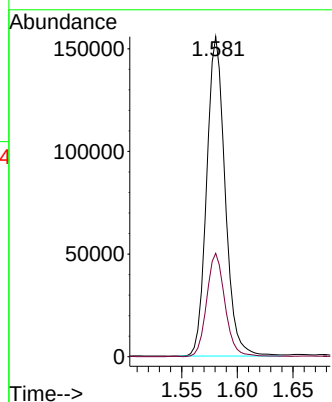
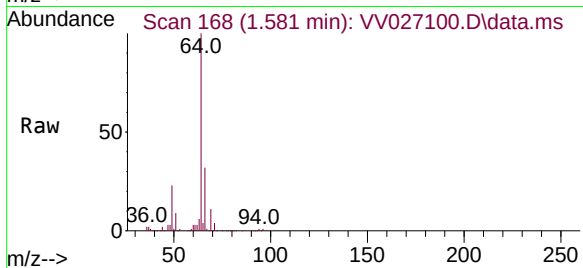




#8
Chloroethane
Concen: 53.892 ug/L
RT: 1.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV027100.D
Acq: 29 Jul 2022 21:49

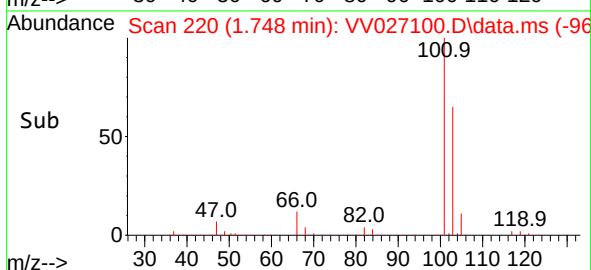
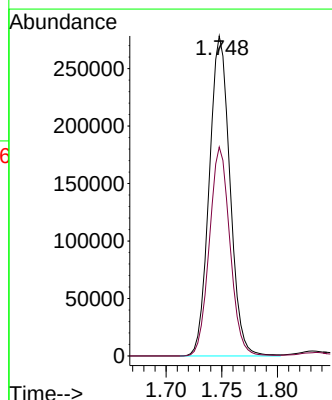
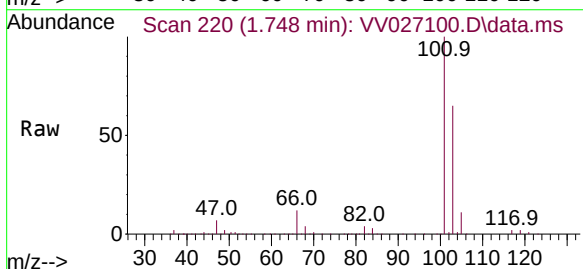
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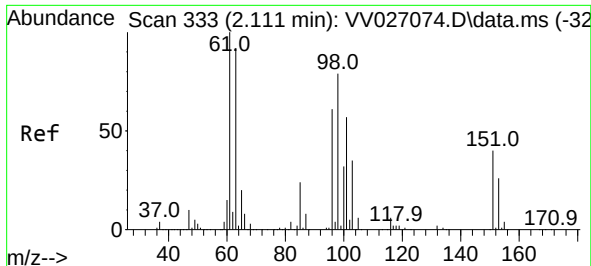
Tgt Ion: 64 Resp: 179005
Ion Ratio Lower Upper
64 100
66 32.3 22.4 41.6



#9
Trichlorofluoromethane
Concen: 49.616 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV027100.D
Acq: 29 Jul 2022 21:49

Tgt Ion:101 Resp: 360104
Ion Ratio Lower Upper
101 100
103 64.8 52.4 78.6





#10

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

Concen: 47.917 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

Lab File: VV027100.D

Acq: 29 Jul 2022 21:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD050319

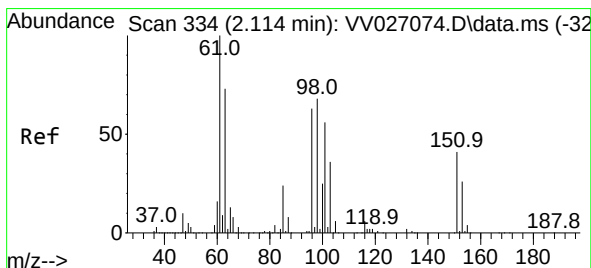
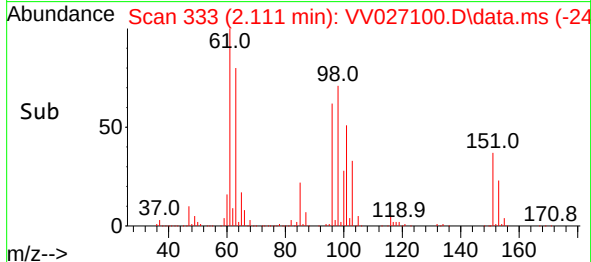
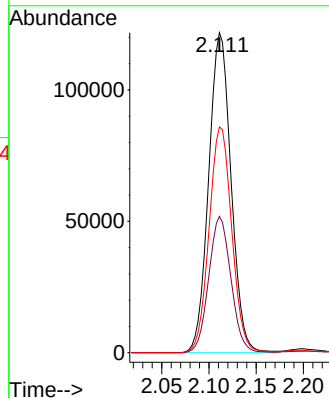
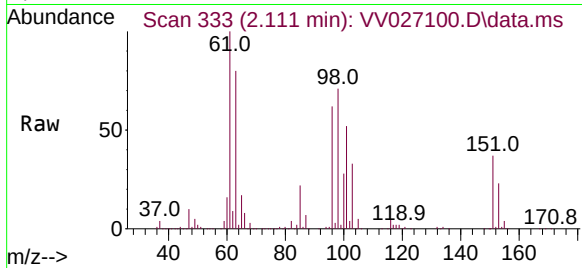
Tgt Ion:101 Resp: 200760

Ion Ratio Lower Upper

101 100

85 42.1 34.1 51.1

151 71.6 57.8 86.8



#12

1,1-Dichloroethene

Concen: 51.346 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV027100.D

Acq: 29 Jul 2022 21:49

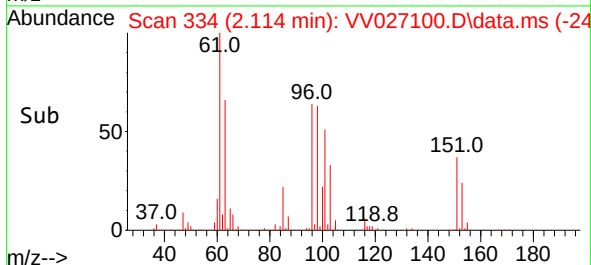
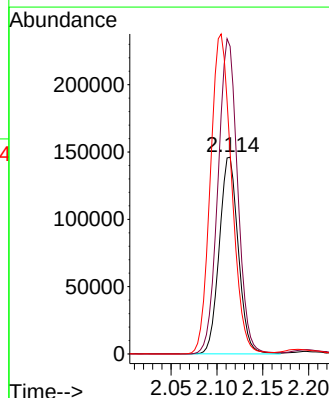
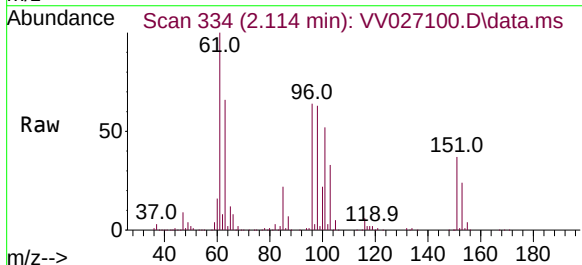
Tgt Ion: 96 Resp: 210189

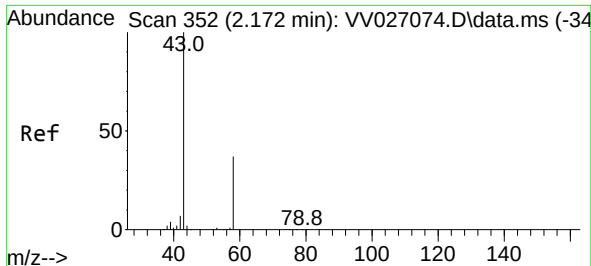
Ion Ratio Lower Upper

96 100

61 156.3 114.3 212.3

63 102.5 93.4 173.4

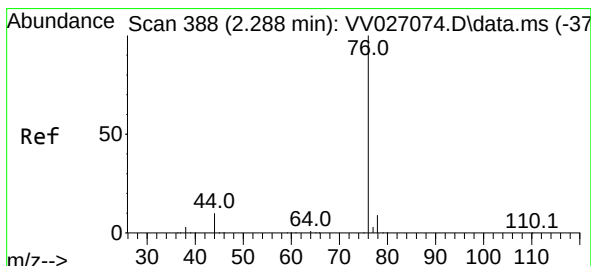
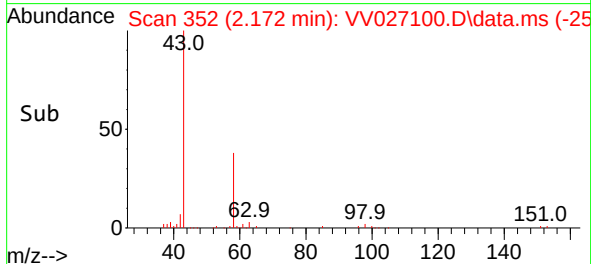
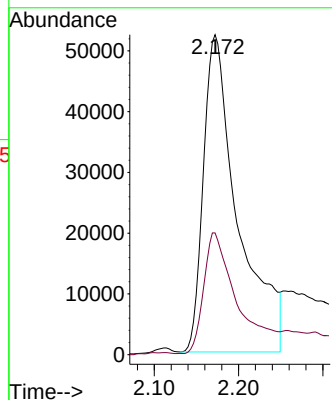
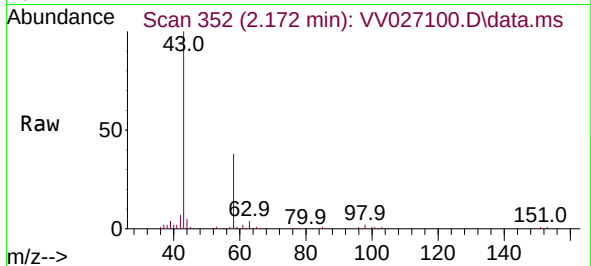




#13
Acetone
Concen: 65.898 ug/L
RT: 2.172 min Scan# 352
Delta R.T. -0.000 min
Lab File: VV027100.D
Acq: 29 Jul 2022 21:49

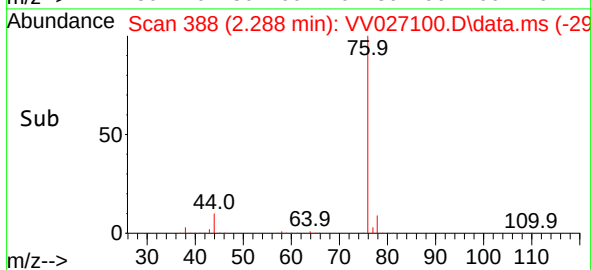
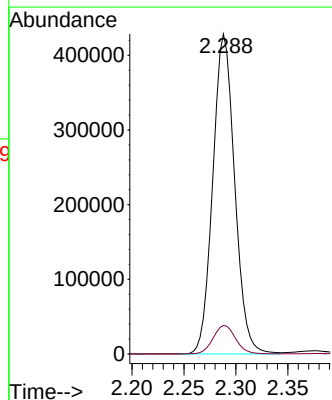
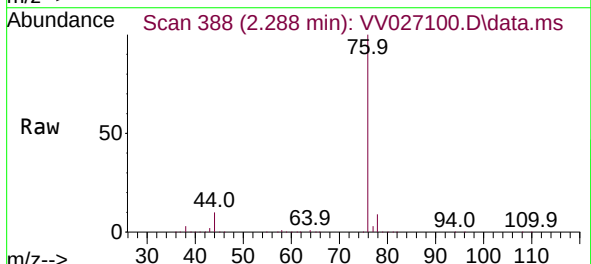
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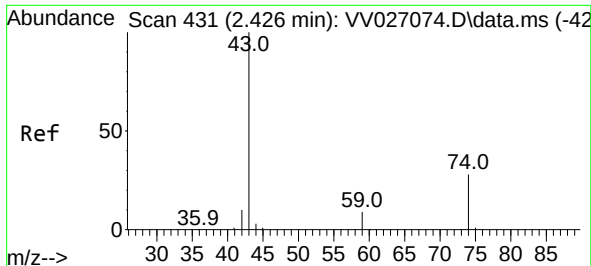
Tgt Ion: 43 Resp: 148804
Ion Ratio Lower Upper
43 100
58 37.4 0.0 49.6



#14
Carbon disulfide
Concen: 48.361 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 628075
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

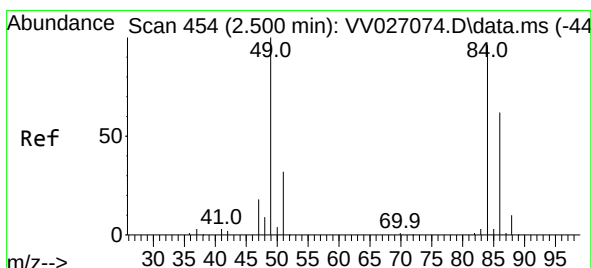
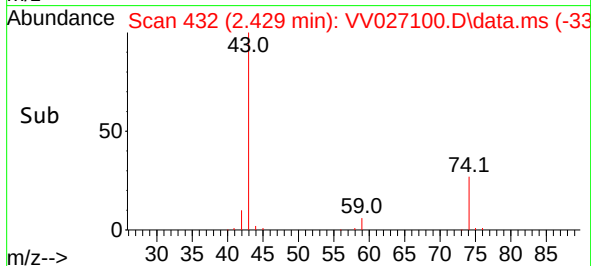
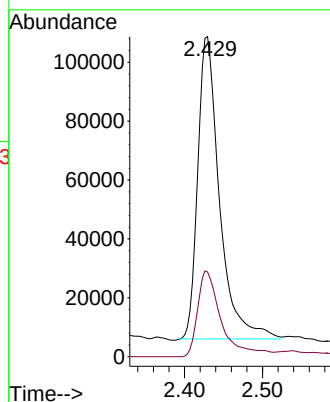
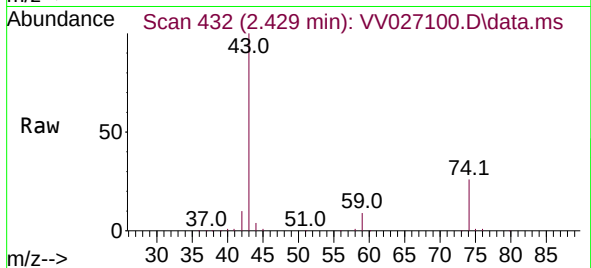




#15
Methyl Acetate
Concen: 53.089 ug/L
RT: 2.429 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV027100.D
Acq: 29 Jul 2022 21:49

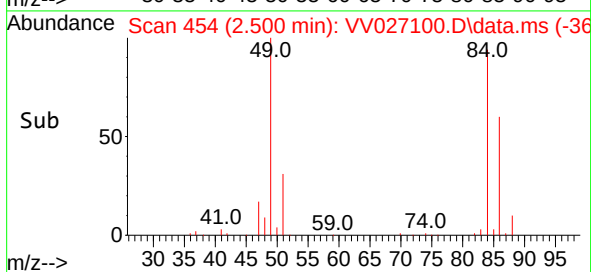
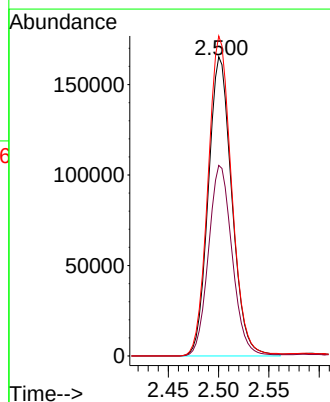
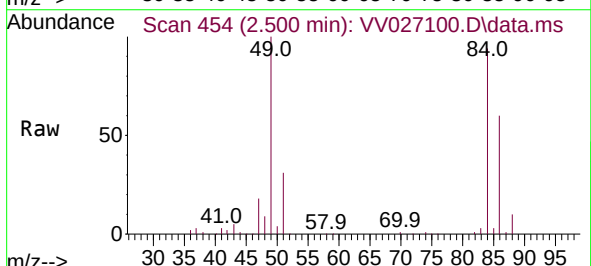
Instrument :
MSVOA_V
ClientSampleId :
VSTD050319

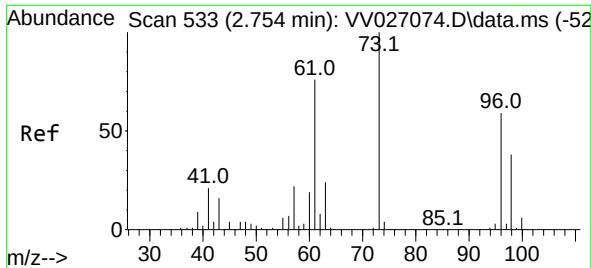
Tgt Ion: 43 Resp: 199222
Ion Ratio Lower Upper
43 100
74 30.1 25.5 38.3



#16
Methylene chloride
Concen: 51.595 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.000 min
Lab File: VV027100.D
Acq: 29 Jul 2022 21:49

Tgt Ion: 84 Resp: 269222
Ion Ratio Lower Upper
84 100
86 63.7 45.0 83.6
49 106.9 74.1 137.7

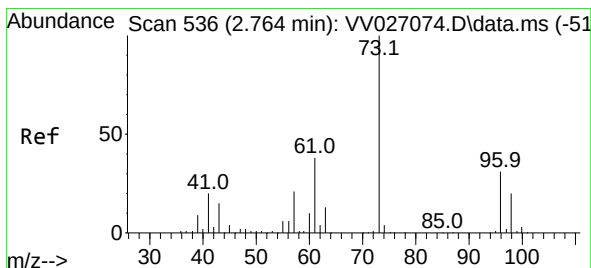
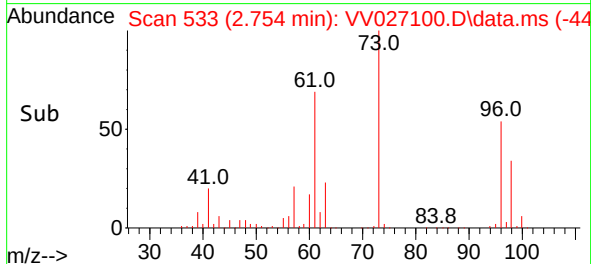
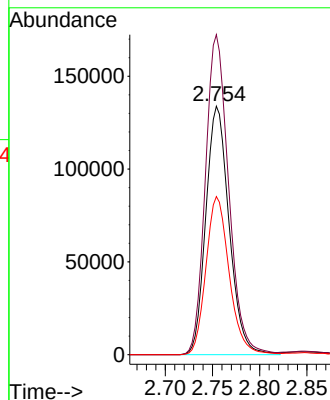
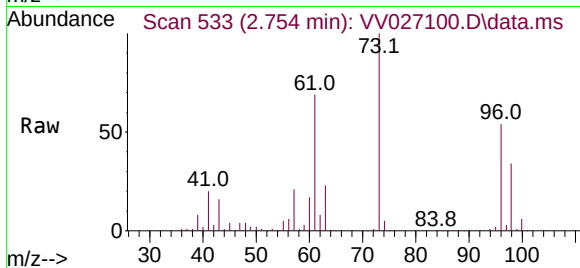




#17
trans-1,2-Dichloroethene
Concen: 51.271 ug/L
RT: 2.754 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV027100.D
Acq: 29 Jul 2022 21:49

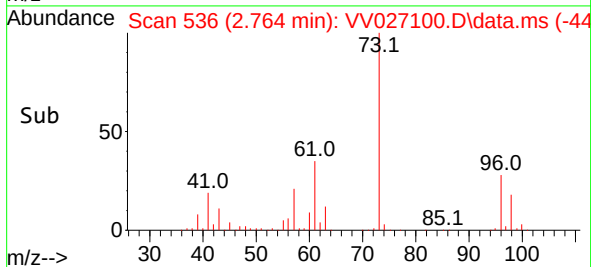
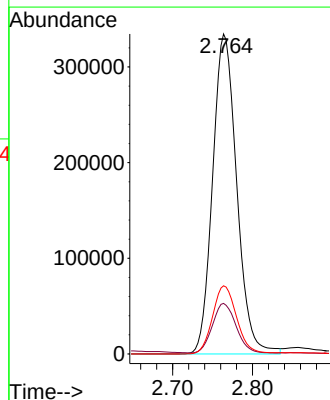
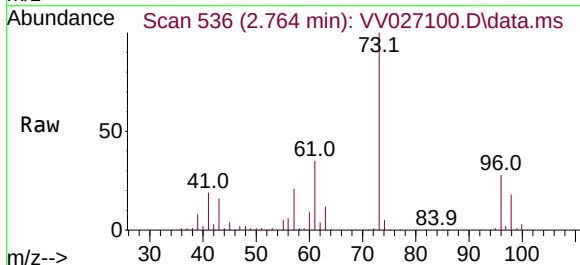
Instrument :
MSVOA_V
ClientSampleId :
VSTD050319

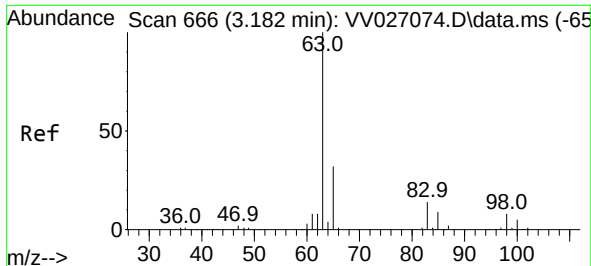
Tgt Ion: 96 Resp: 229783
Ion Ratio Lower Upper
96 100
61 128.8 89.2 165.6
98 63.6 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 56.897 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.000 min
Lab File: VV027100.D
Acq: 29 Jul 2022 21:49

Tgt Ion: 73 Resp: 700408
Ion Ratio Lower Upper
73 100
43 15.2 12.6 18.8
57 21.3 17.3 25.9





#19

1,1-Dichloroethane

Concen: 53.540 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV027100.D

Acq: 29 Jul 2022 21:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD050319

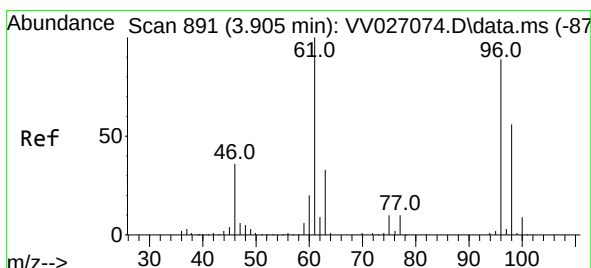
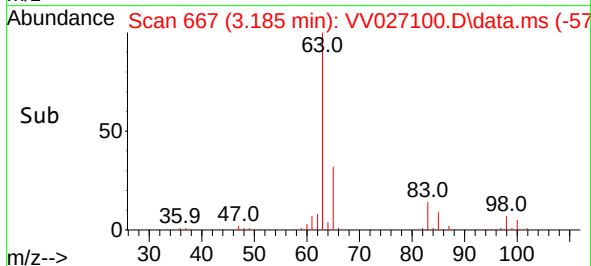
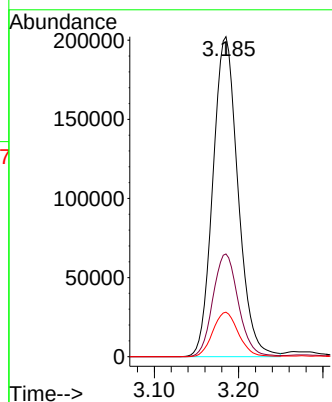
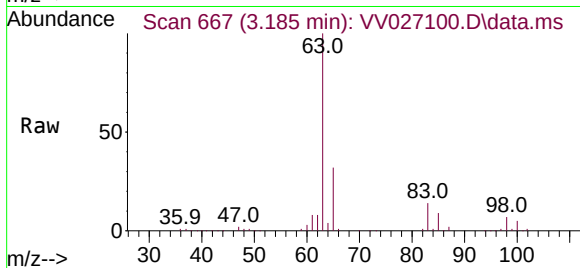
Tgt Ion: 63 Resp: 419023

Ion Ratio Lower Upper

63 100

65 32.1 22.7 42.3

83 13.9 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 54.079 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.000 min

Lab File: VV027100.D

Acq: 29 Jul 2022 21:49

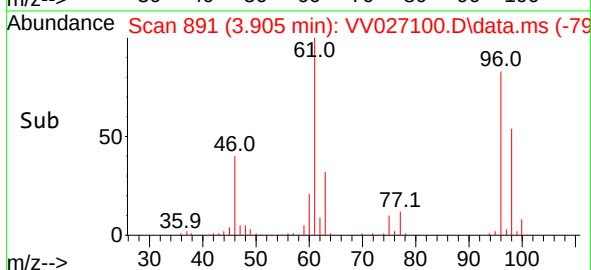
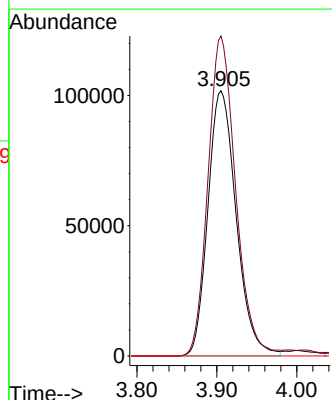
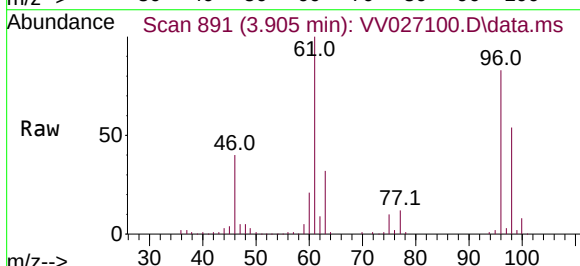
Tgt Ion: 96 Resp: 250633

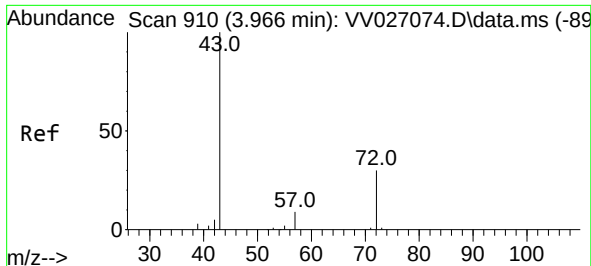
Ion Ratio Lower Upper

96 100

61 120.6 81.8 151.8

68 0.0 0.0 0.0

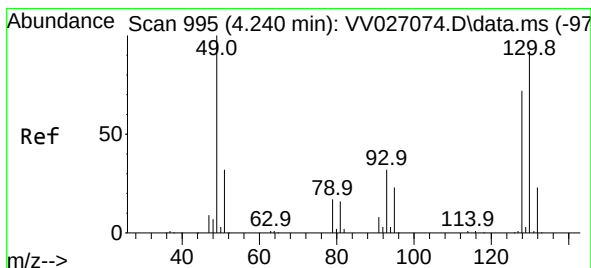
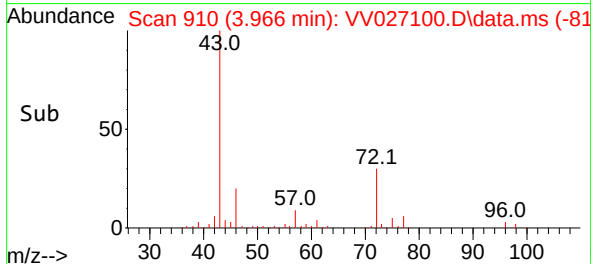
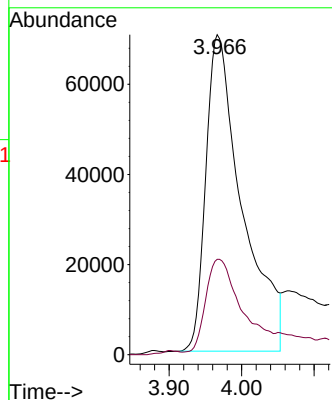
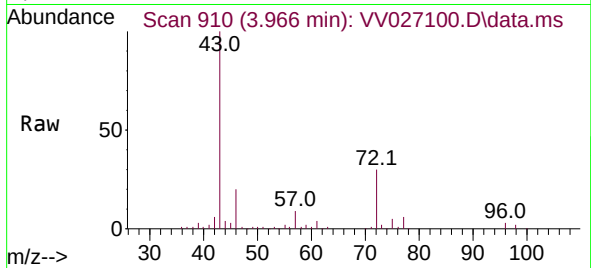




#22
2-Butanone
Concen: 97.786 ug/L
RT: 3.966 min Scan# 910
Delta R.T. -0.000 min
Lab File: VV027100.D
Acq: 29 Jul 2022 21:49

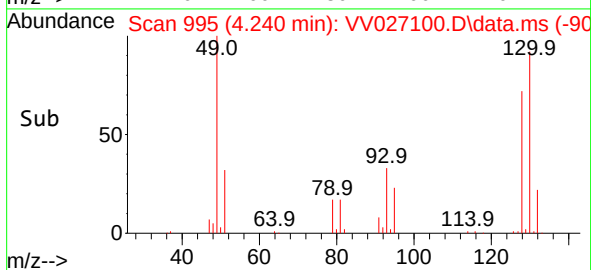
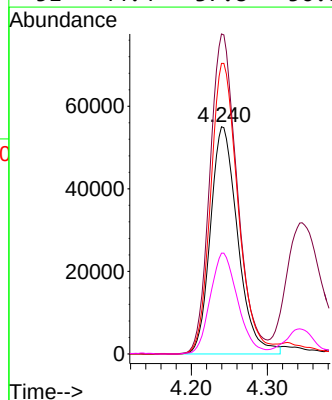
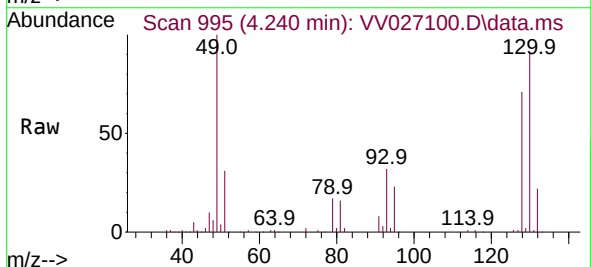
Instrument :
MSVOA_V
ClientSampleId :
VSTD050319

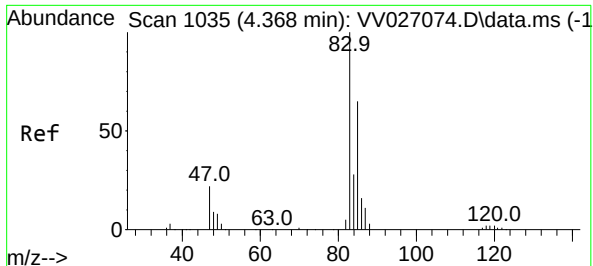
Tgt Ion: 43 Resp: 243598
Ion Ratio Lower Upper
43 100
72 28.8 11.9 35.7



#23
Bromochloromethane
Concen: 54.885 ug/L
RT: 4.240 min Scan# 995
Delta R.T. -0.000 min
Lab File: VV027100.D
Acq: 29 Jul 2022 21:49

Tgt Ion: 128 Resp: 137026
Ion Ratio Lower Upper
128 100
49 140.9 98.7 183.3
130 127.9 89.5 166.1
51 44.4 37.8 56.8

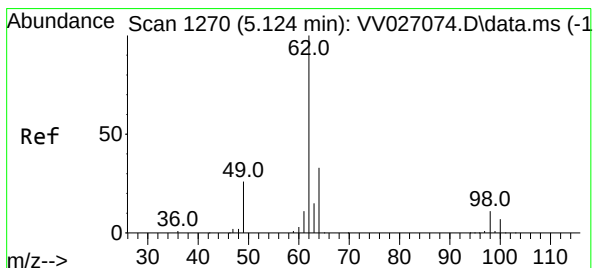
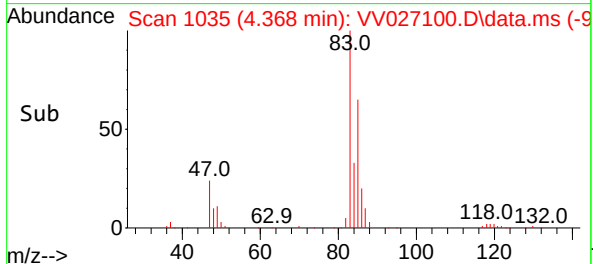
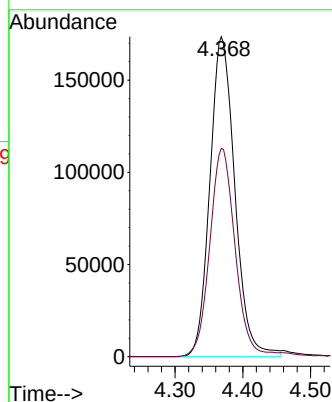
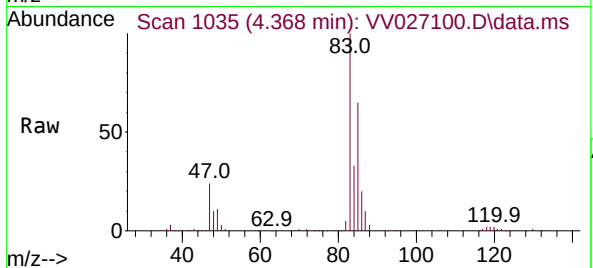




#25
Chloroform
Concen: 53.769 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VV027100.D
Acq: 29 Jul 2022 21:49

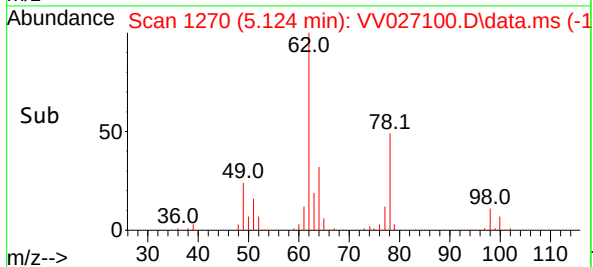
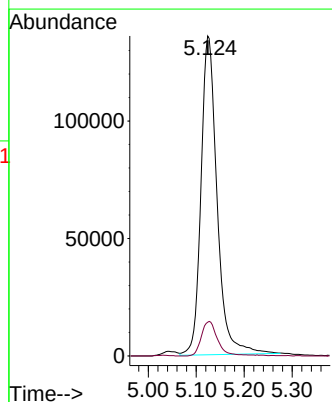
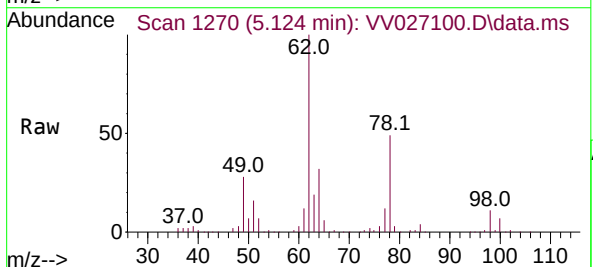
Instrument :
MSVOA_V
ClientSampleId :
VSTD050319

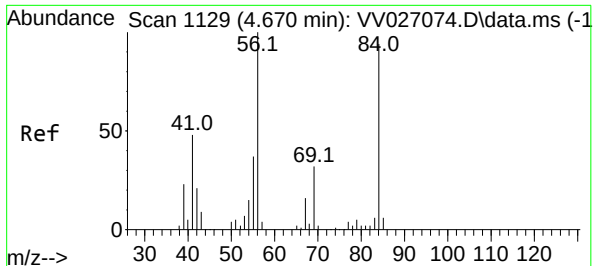
Tgt Ion: 83 Resp: 443659
Ion Ratio Lower Upper
83 100
85 65.1 45.4 84.4



#27
1,2-Dichloroethane
Concen: 55.788 ug/L
RT: 5.124 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VV027100.D
Acq: 29 Jul 2022 21:49

Tgt Ion: 62 Resp: 316757
Ion Ratio Lower Upper
62 100
98 10.6 9.0 13.6





#29

Cyclohexane

Concen: 51.528 ug/L

RT: 4.674 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VV027100.D

Acq: 29 Jul 2022 21:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD050319

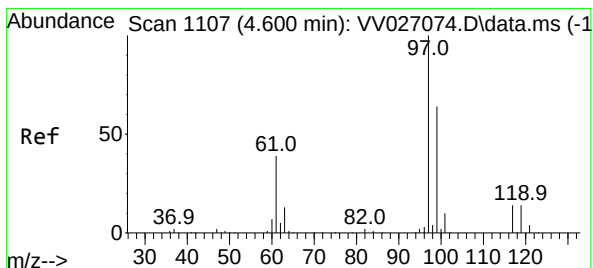
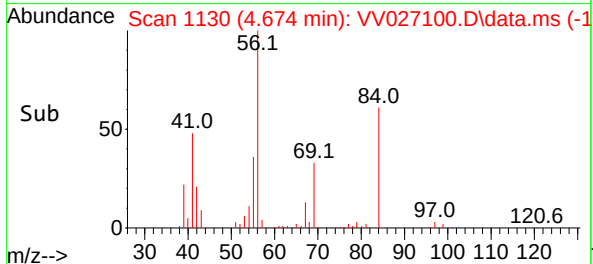
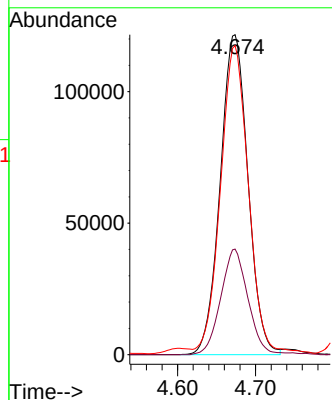
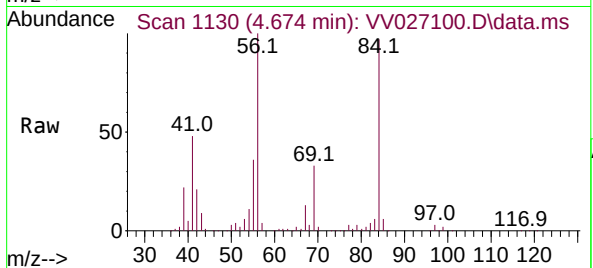
Tgt Ion: 56 Resp: 301534

Ion Ratio Lower Upper

56 100

69 32.2 25.9 38.9

84 96.6 75.3 112.9



#30

1,1,1-Trichloroethane

Concen: 52.946 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV027100.D

Acq: 29 Jul 2022 21:49

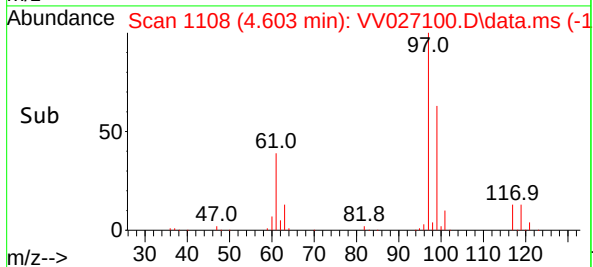
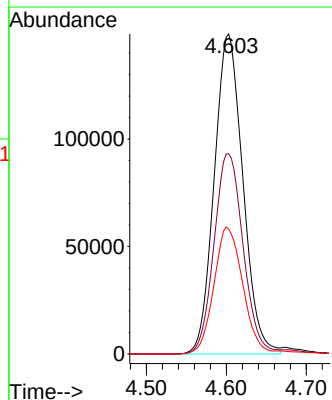
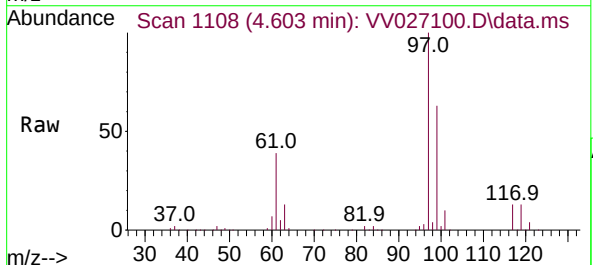
Tgt Ion: 97 Resp: 370125

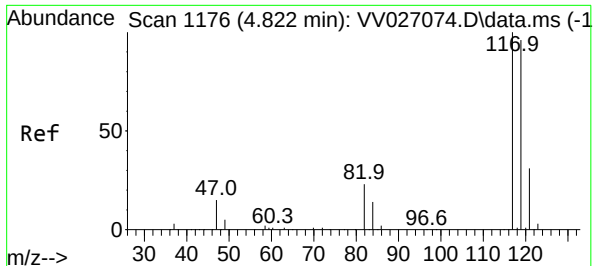
Ion Ratio Lower Upper

97 100

99 63.8 51.4 77.2

61 40.7 32.1 48.1

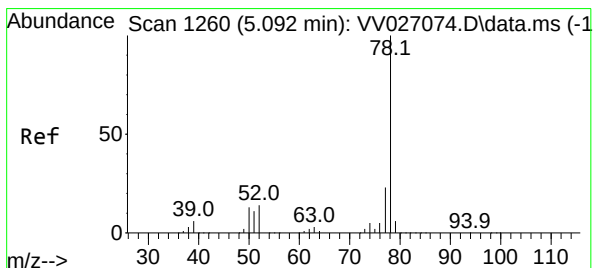
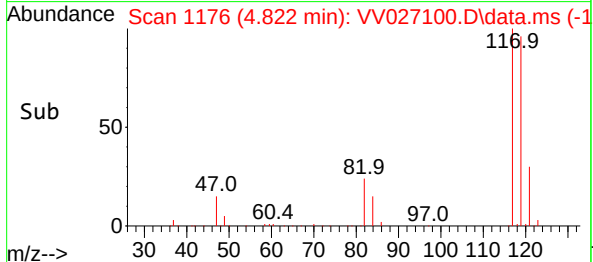
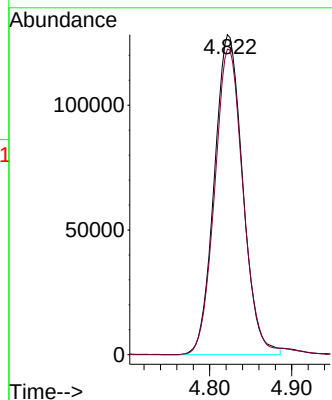
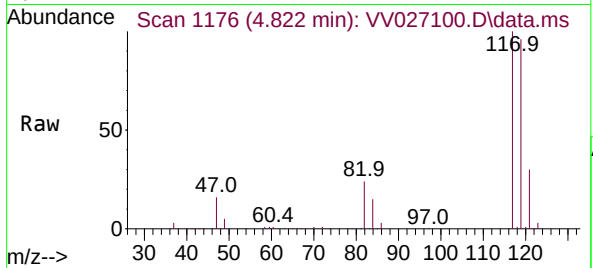




#31
Carbon tetrachloride
Concen: 50.757 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VV027100.D
Acq: 29 Jul 2022 21:49

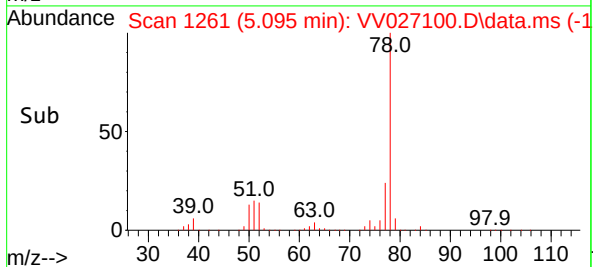
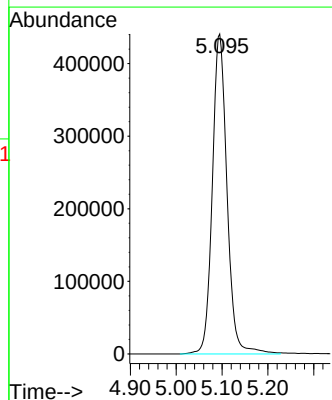
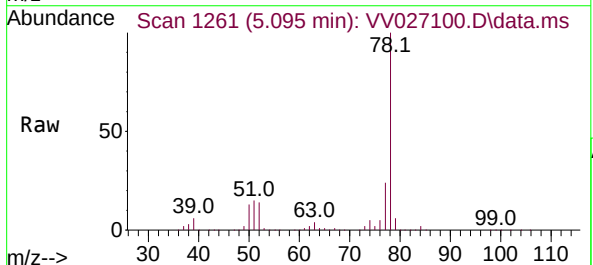
Instrument :
MSVOA_V
ClientSampleId :
VSTD050319

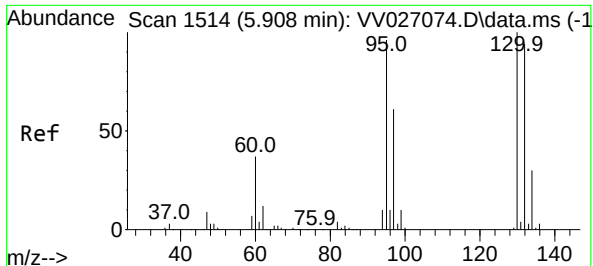
Tgt Ion:117 Resp: 308888
Ion Ratio Lower Upper
117 100
119 97.1 77.0 115.6



#33
Benzene
Concen: 55.960 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV027100.D
Acq: 29 Jul 2022 21:49

Tgt Ion: 78 Resp: 982225

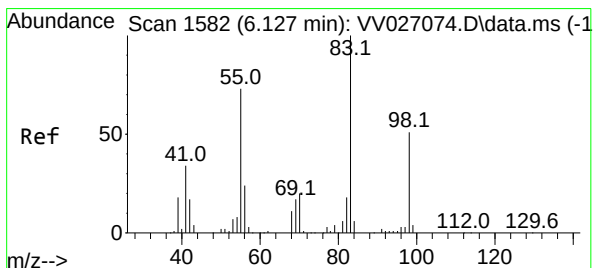
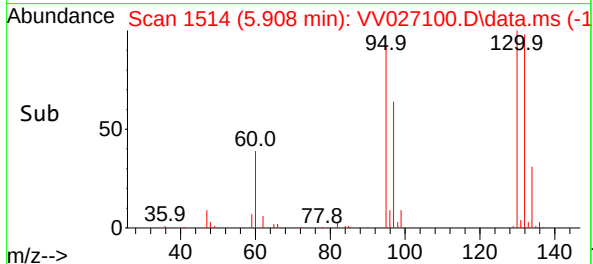
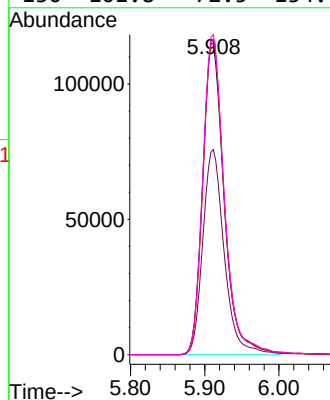
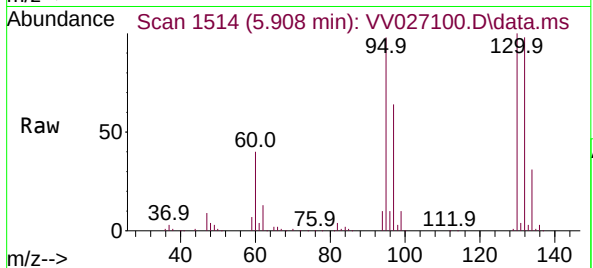




#34
Trichloroethene
Concen: 51.419 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VV027100.D
Acq: 29 Jul 2022 21:49

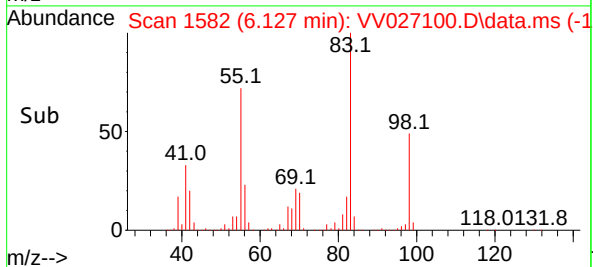
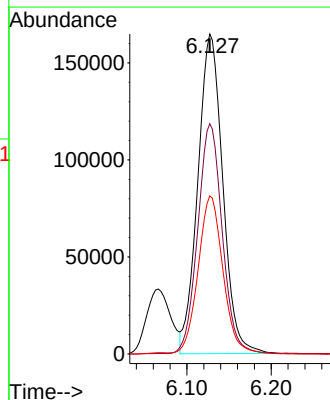
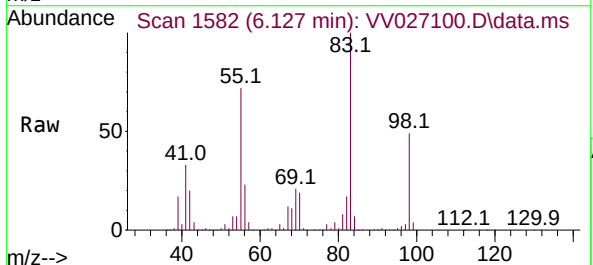
Instrument :
MSVOA_V
ClientSampleId :
VSTD050319

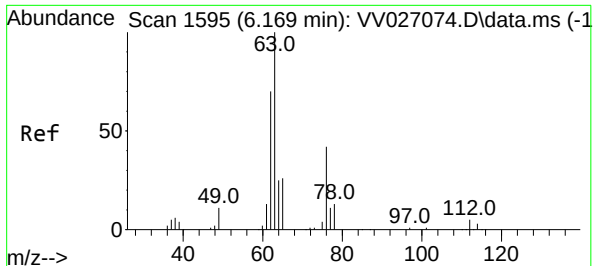
Tgt Ion: 95 Resp: 232286
Ion Ratio Lower Upper
95 100
97 65.0 45.9 85.3
132 100.0 69.8 129.6
130 101.8 72.5 134.7



#35
Methylcyclohexane
Concen: 50.308 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV027100.D
Acq: 29 Jul 2022 21:49

Tgt Ion: 83 Resp: 339052
Ion Ratio Lower Upper
83 100
55 71.3 55.5 83.3
98 49.5 39.0 58.4





#37

1,2-Dichloropropane

Concen: 57.715 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV027100.D

Acq: 29 Jul 2022 21:49

Instrument :

MSVOA_V

ClientSampleId :

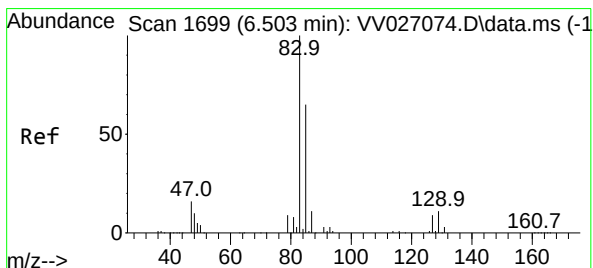
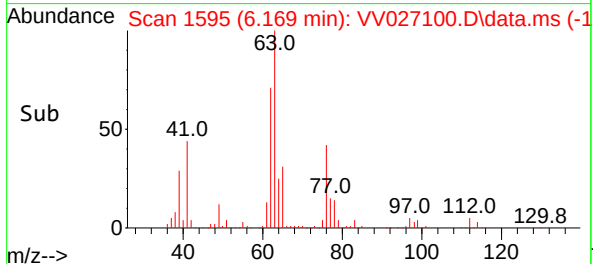
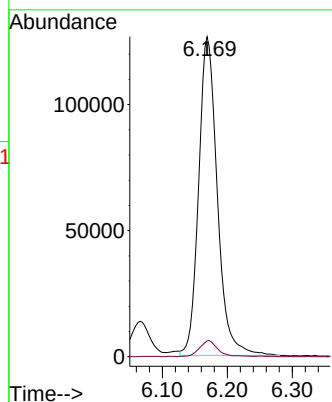
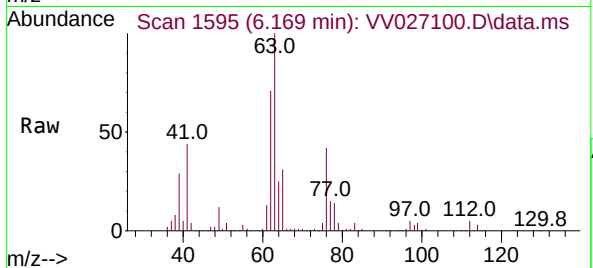
VSTD050319

Tgt Ion: 63 Resp: 253534

Ion Ratio Lower Upper

63 100

112 4.8 3.7 5.5



#38

Bromodichloromethane

Concen: 56.181 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV027100.D

Acq: 29 Jul 2022 21:49

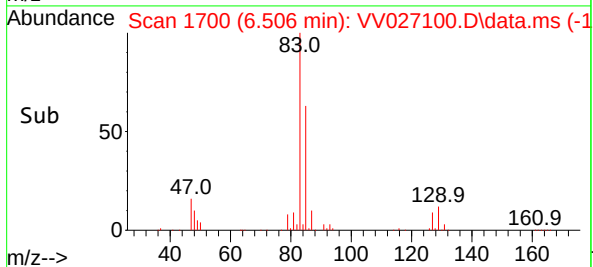
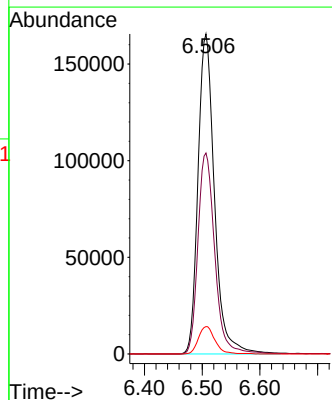
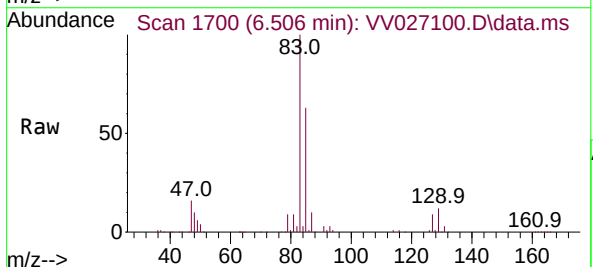
Tgt Ion: 83 Resp: 327801

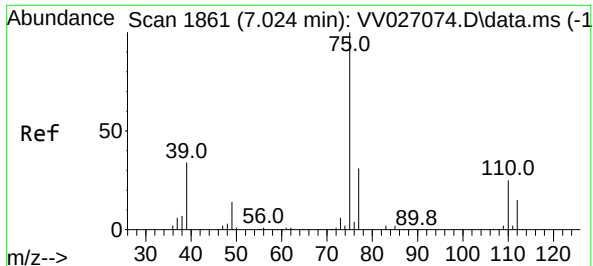
Ion Ratio Lower Upper

83 100

85 62.8 45.5 84.5

127 8.6 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 56.260 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV027100.D

Acq: 29 Jul 2022 21:49

Instrument :

MSVOA_V

ClientSampleId :

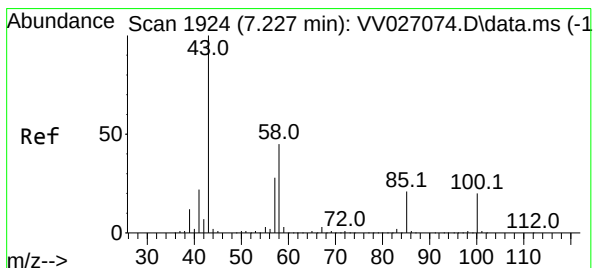
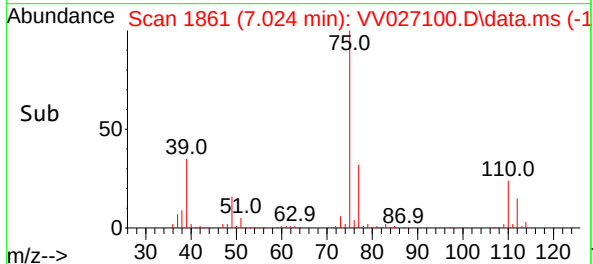
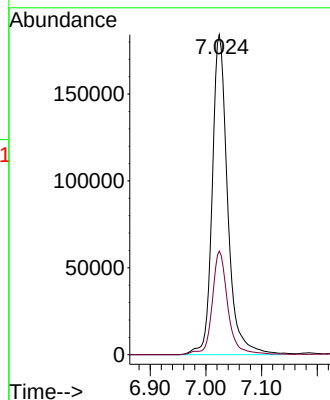
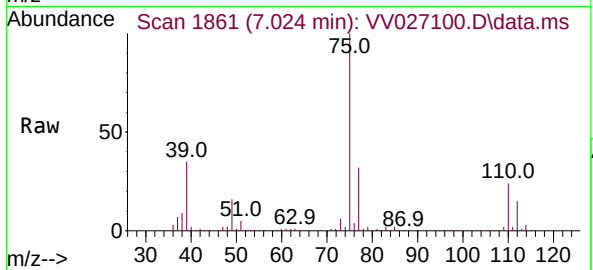
VSTD050319

Tgt Ion: 75 Resp: 354546

Ion Ratio Lower Upper

75 100

77 32.4 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 119.726 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV027100.D

Acq: 29 Jul 2022 21:49

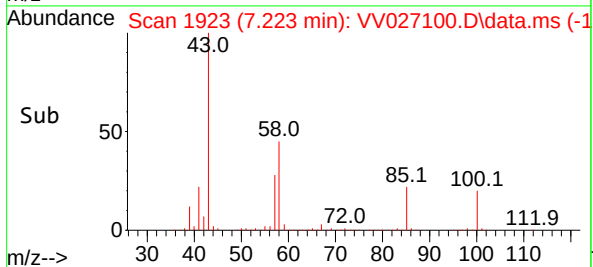
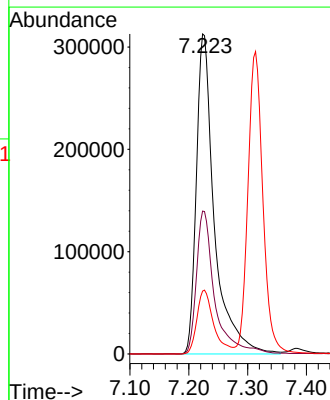
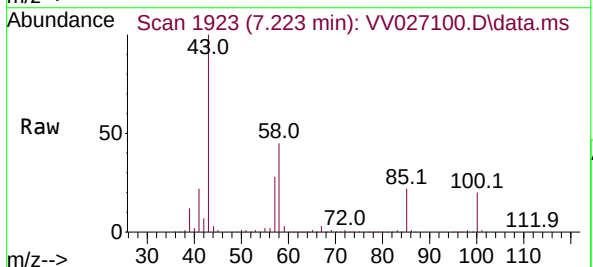
Tgt Ion: 43 Resp: 665228

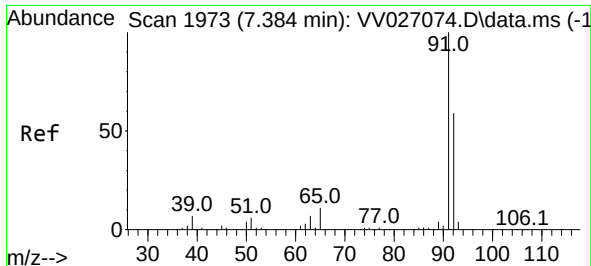
Ion Ratio Lower Upper

43 100

58 44.1 35.3 52.9

100 18.7 15.7 23.5





#42

Toluene

Concen: 55.467 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV027100.D

Acq: 29 Jul 2022 21:49

Instrument :

MSVOA_V

ClientSampleId :

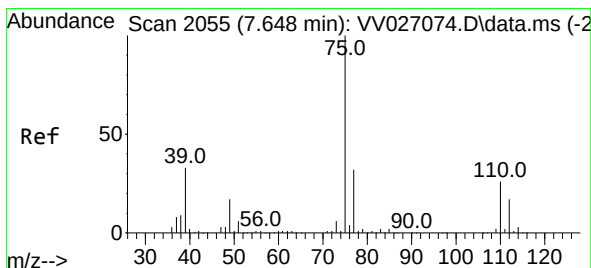
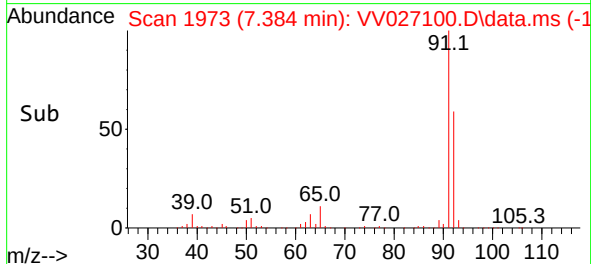
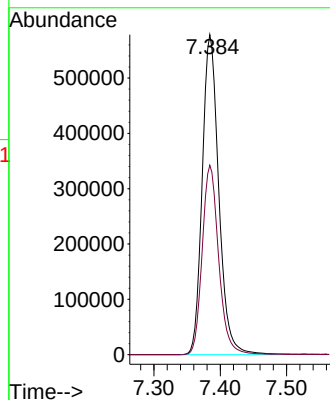
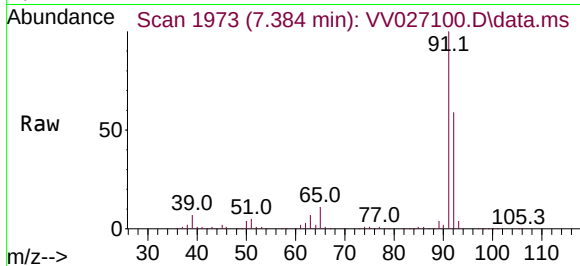
VSTD050319

Tgt Ion: 91 Resp: 1003781

Ion Ratio Lower Upper

91 100

92 59.2 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 56.377 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV027100.D

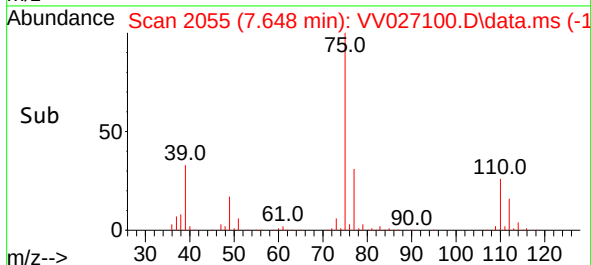
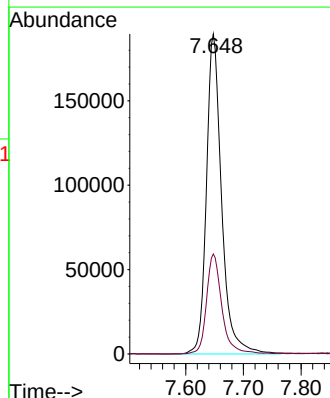
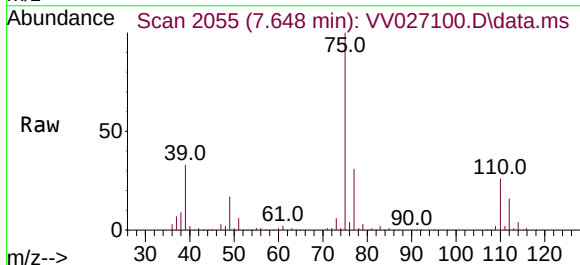
Acq: 29 Jul 2022 21:49

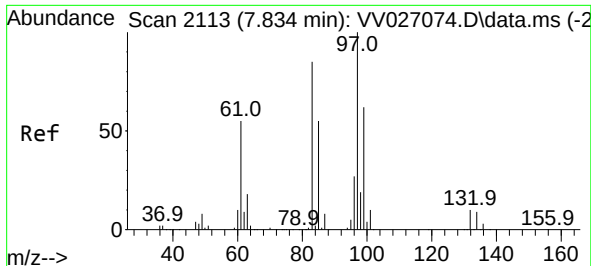
Tgt Ion: 75 Resp: 345406

Ion Ratio Lower Upper

75 100

77 31.3 22.0 41.0



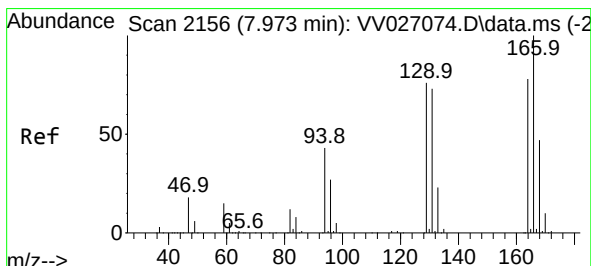
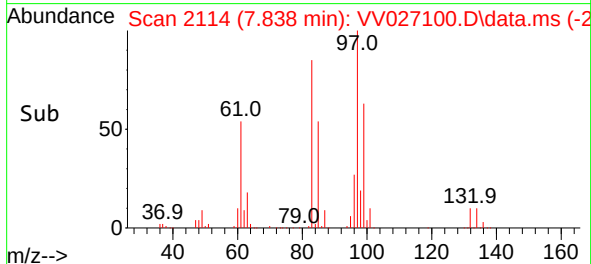
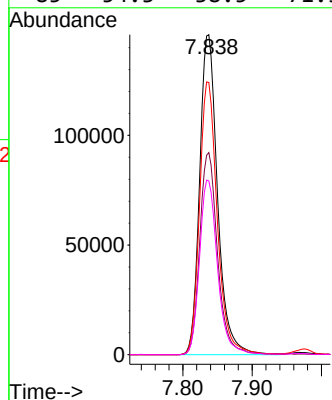
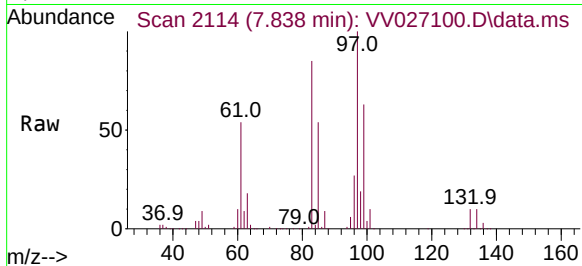


#45
1,1,2-Trichloroethane
Concen: 55.848 ug/L
RT: 7.838 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VV027100.D
Acq: 29 Jul 2022 21:49

Instrument :
MSVOA_V
ClientSampleId :
VSTD050319

Tgt Ion: 97 Resp: 262661

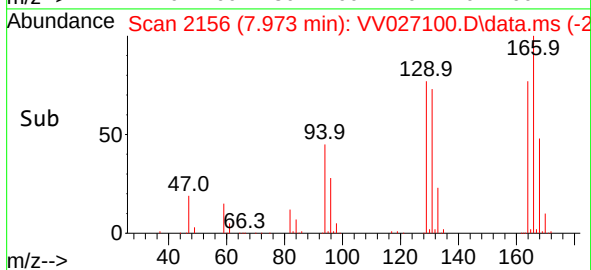
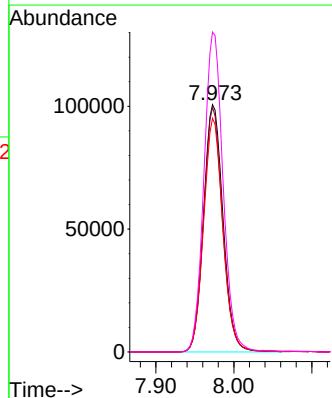
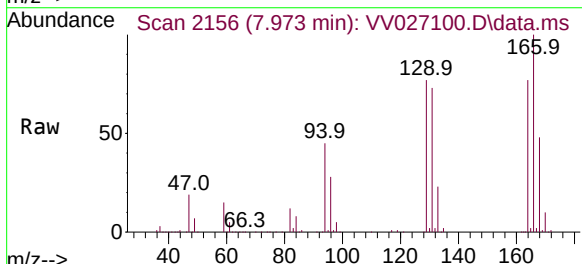
Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.2	80.2
83	85.1	58.0	107.6
85	54.3	38.5	71.5

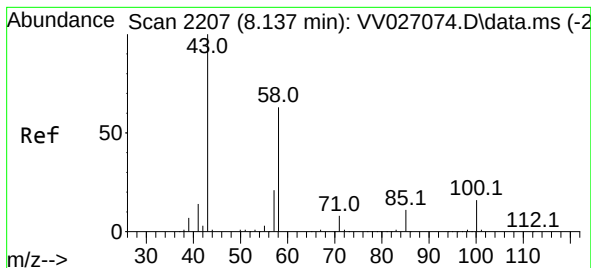


#46
Tetrachloroethene
Concen: 49.572 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV027100.D
Acq: 29 Jul 2022 21:49

Tgt Ion: 164 Resp: 175162

Ion	Ratio	Lower	Upper
164	100		
129	99.0	67.5	125.4
131	94.4	64.3	119.3
166	129.4	88.9	165.1





#48

2-Hexanone

Concen: 120.998 ug/L

RT: 8.140 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV027100.D

Acq: 29 Jul 2022 21:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD050319

Tgt Ion: 43 Resp: 529804

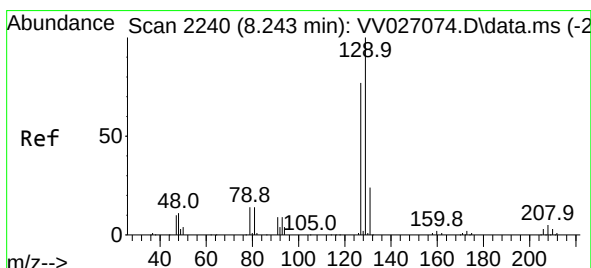
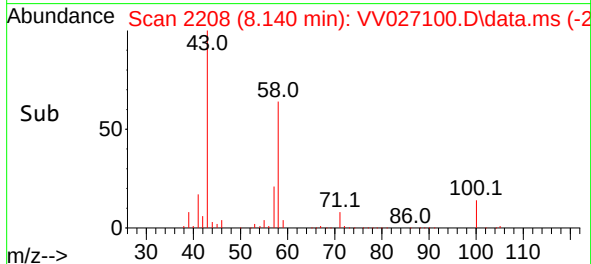
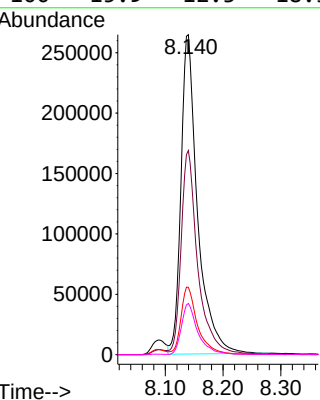
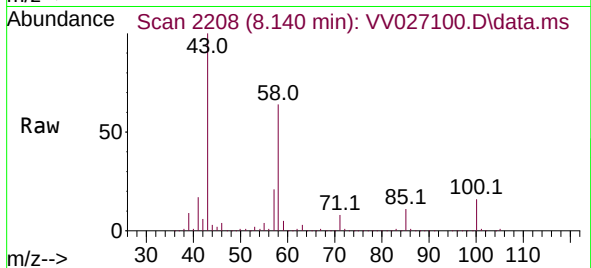
Ion Ratio Lower Upper

43 100

58 63.5 50.8 76.2

57 20.9 17.1 25.7

100 15.9 12.3 18.5



#49

Dibromochloromethane

Concen: 55.821 ug/L

RT: 8.243 min Scan# 2240

Delta R.T. -0.000 min

Lab File: VV027100.D

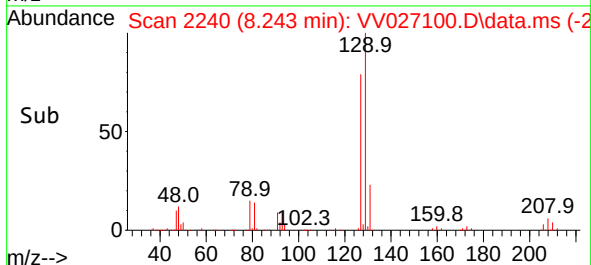
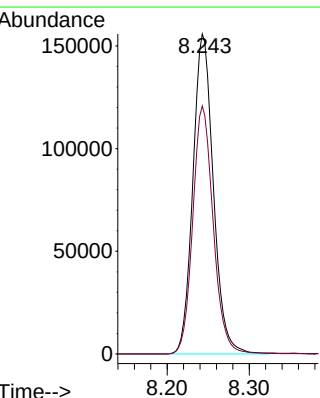
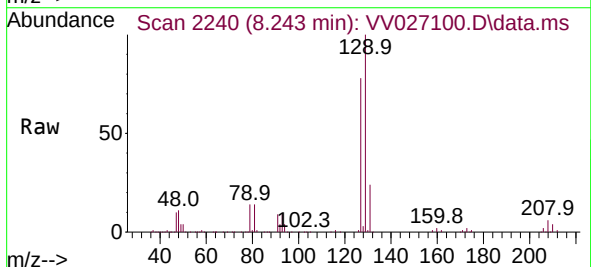
Acq: 29 Jul 2022 21:49

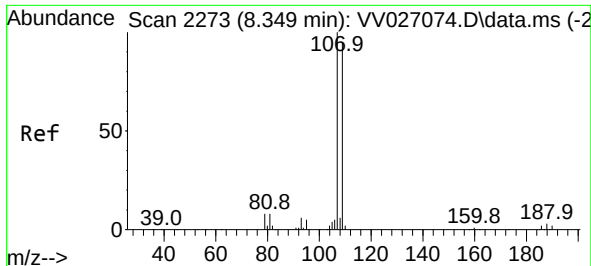
Tgt Ion:129 Resp: 269994

Ion Ratio Lower Upper

129 100

127 77.5 53.3 98.9





#50

1,2-Dibromoethane

Concen: 56.014 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV027100.D

Acq: 29 Jul 2022 21:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD050319

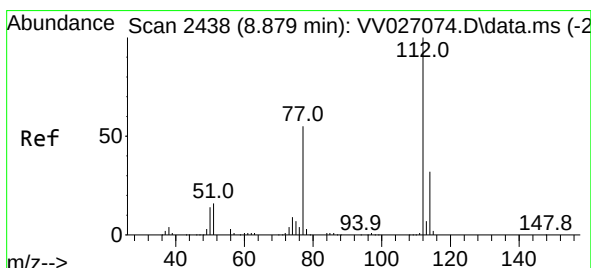
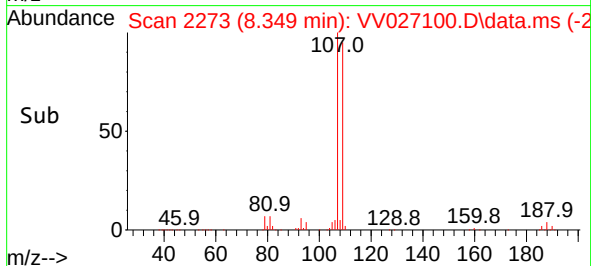
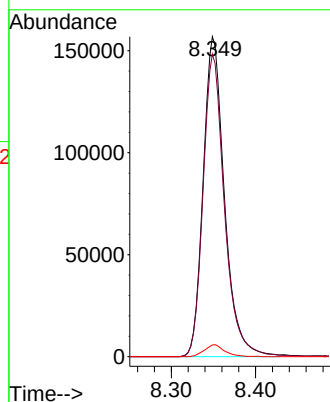
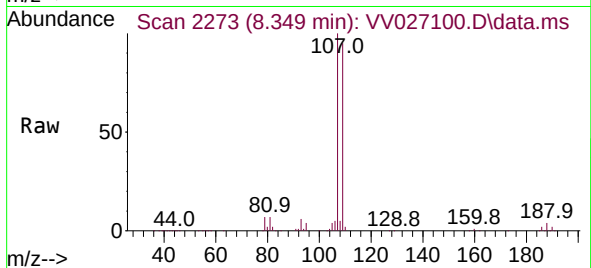
Tgt Ion:107 Resp: 276246

Ion Ratio Lower Upper

107 100

109 94.5 65.7 121.9

188 3.7 2.7 4.1



#51

Chlorobenzene

Concen: 53.112 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV027100.D

Acq: 29 Jul 2022 21:49

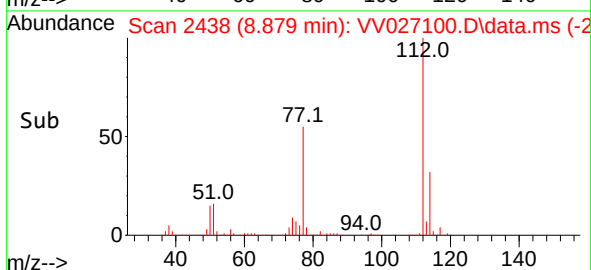
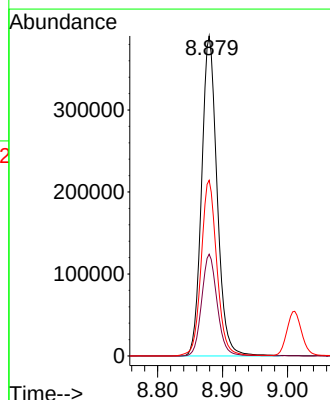
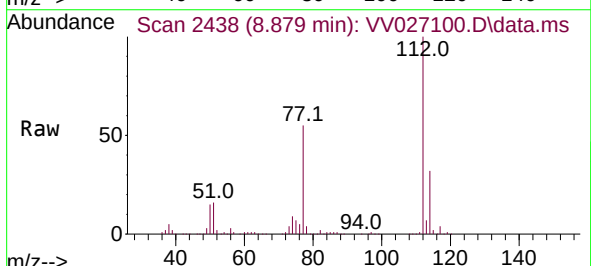
Tgt Ion:112 Resp: 648210

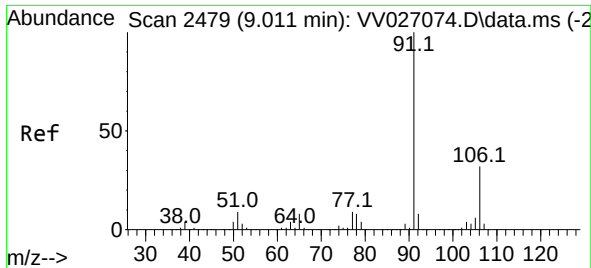
Ion Ratio Lower Upper

112 100

114 31.8 22.8 42.4

77 54.9 44.2 66.2





#52

Ethylbenzene

Concen: 54.352 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.000 min

Lab File: VV027100.D

Acq: 29 Jul 2022 21:49

Instrument :

MSVOA_V

ClientSampleId :

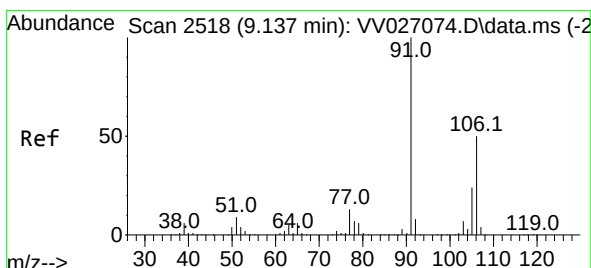
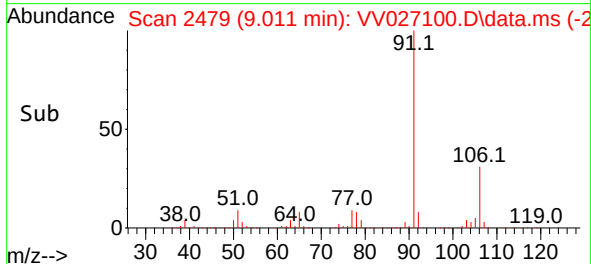
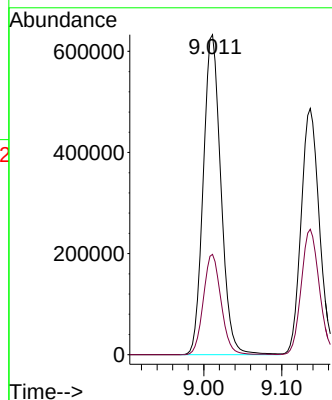
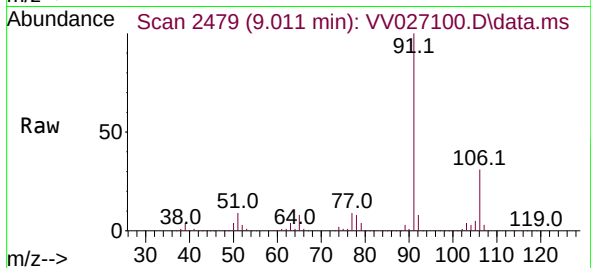
VSTD050319

Tgt Ion: 91 Resp: 995958

Ion Ratio Lower Upper

91 100

106 31.3 21.8 40.6



#53

m,p-Xylene

Concen: 55.504 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV027100.D

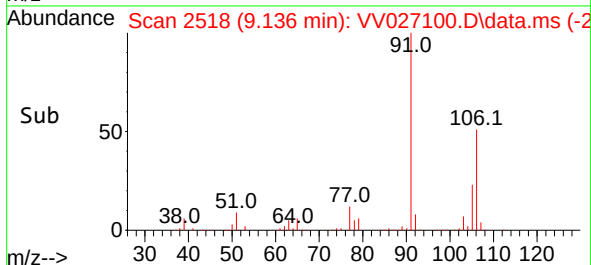
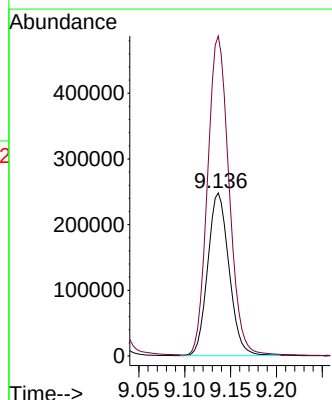
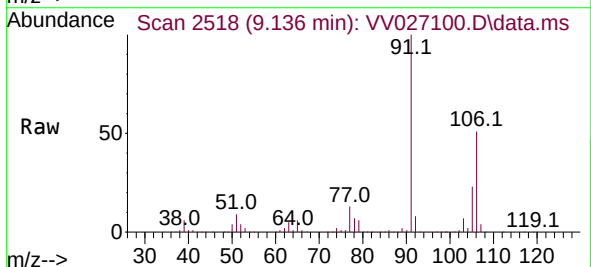
Acq: 29 Jul 2022 21:49

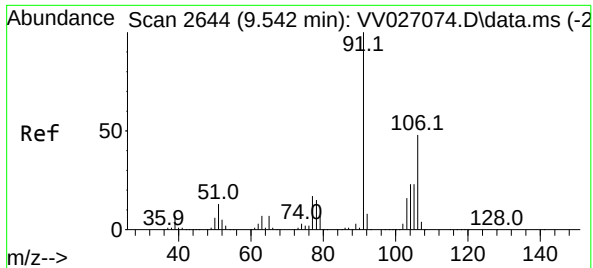
Tgt Ion:106 Resp: 400047

Ion Ratio Lower Upper

106 100

91 196.3 137.5 255.3

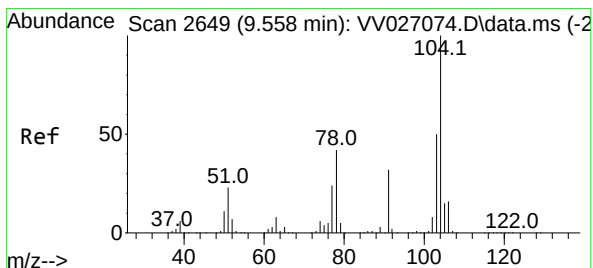
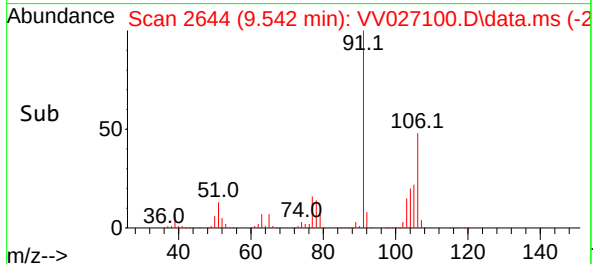
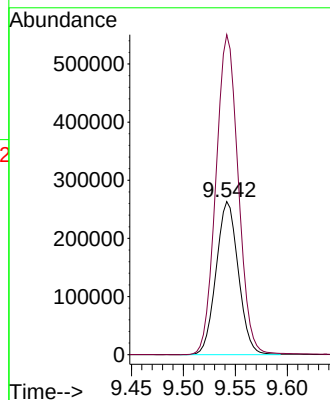
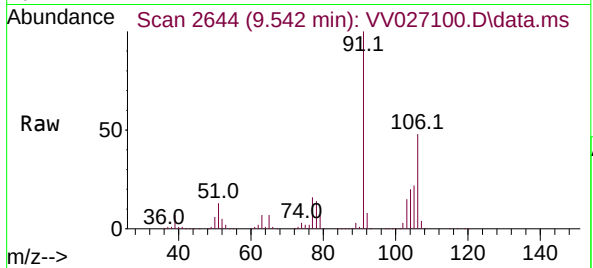




#54
o-Xylene
Concen: 56.509 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027100.D
Acq: 29 Jul 2022 21:49

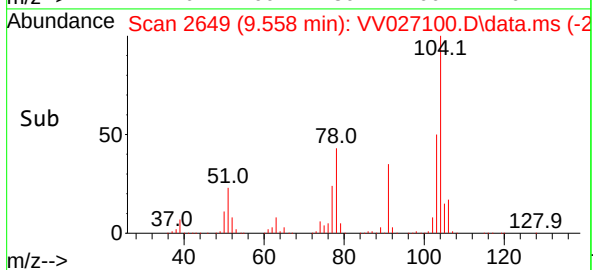
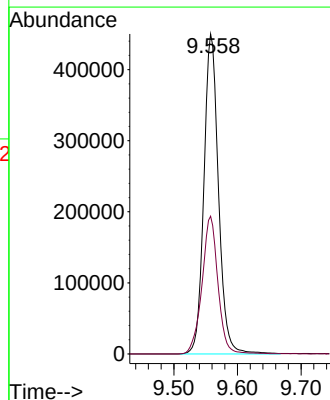
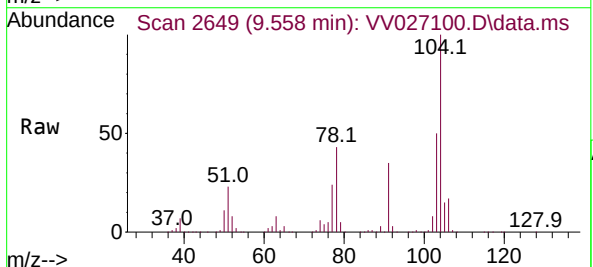
Instrument :
MSVOA_V
ClientSampleId :
VSTD050319

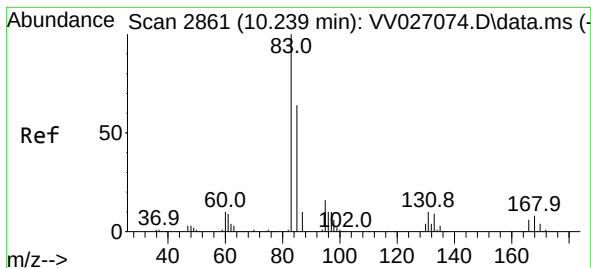
Tgt Ion:106 Resp: 392228
Ion Ratio Lower Upper
106 100
91 208.9 146.6 272.2



#55
Styrene
Concen: 59.062 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV027100.D
Acq: 29 Jul 2022 21:49

Tgt Ion:104 Resp: 717462
Ion Ratio Lower Upper
104 100
78 43.0 29.6 55.0

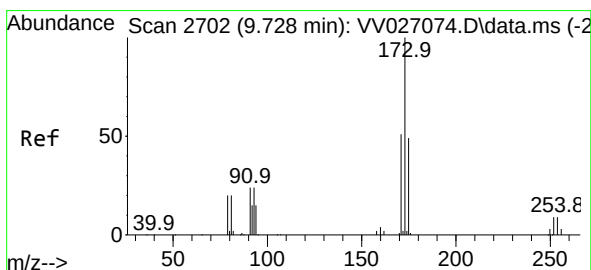
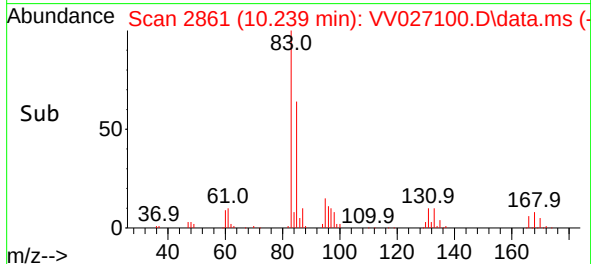
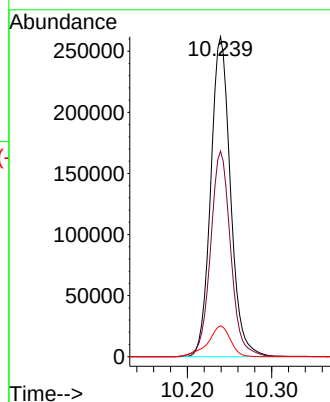
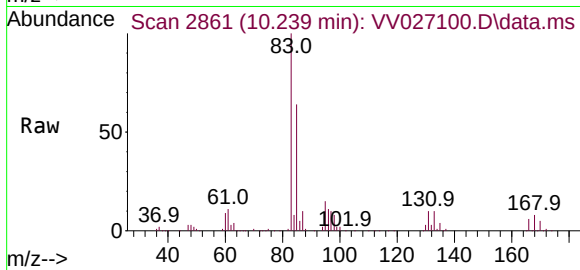




#57
1,1,2,2-Tetrachloroethane
Concen: 56.247 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV027100.D
Acq: 29 Jul 2022 21:49

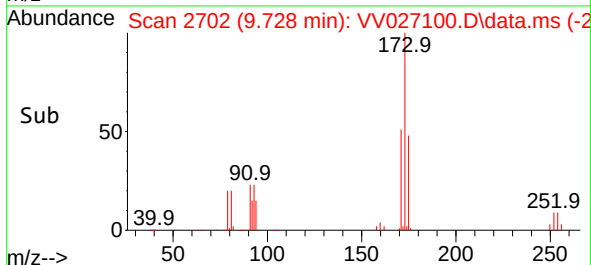
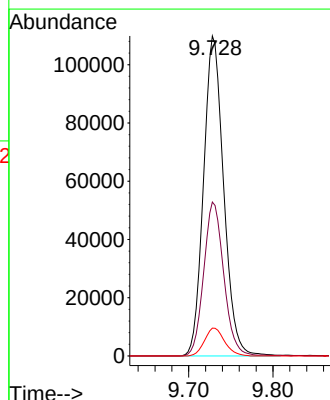
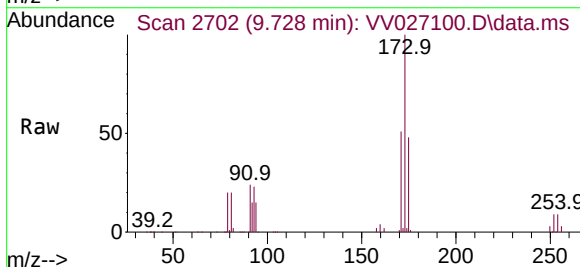
Instrument :
MSVOA_V
ClientSampleId :
VSTD050319

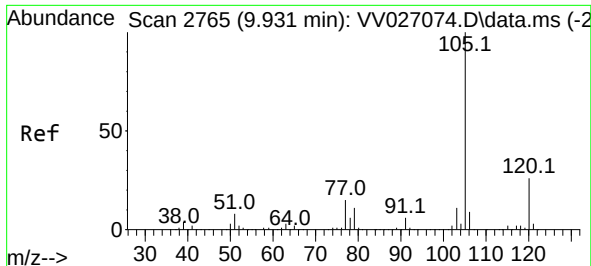
Tgt Ion: 83 Resp: 426506
Ion Ratio Lower Upper
83 100
85 64.2 45.2 84.0
131 9.6 8.1 12.1



#59
Bromoform
Concen: 55.356 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.000 min
Lab File: VV027100.D
Acq: 29 Jul 2022 21:49

Tgt Ion: 173 Resp: 183068
Ion Ratio Lower Upper
173 100
175 47.8 39.0 58.4
254 8.7 6.9 10.3

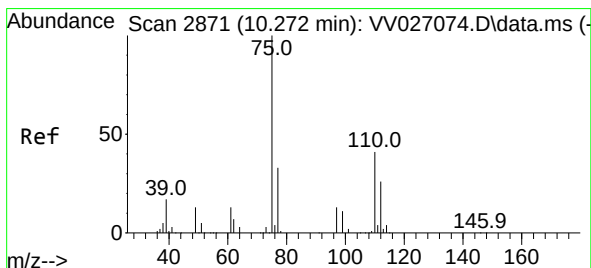
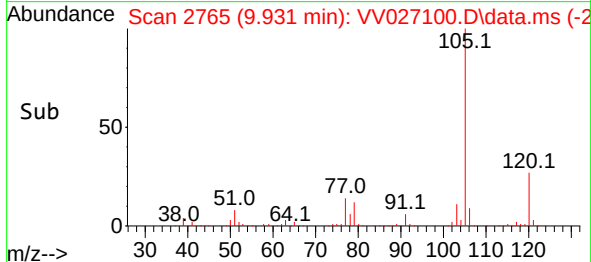
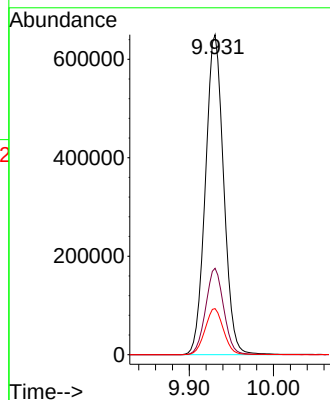
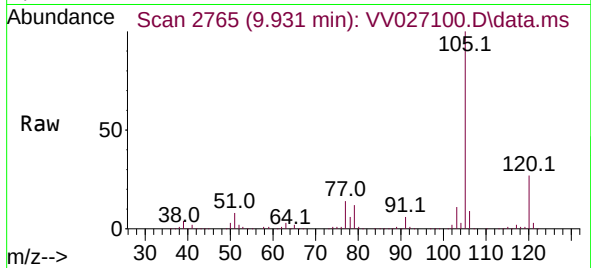




#60
Isopropylbenzene
Concen: 53.913 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV027100.D
Acq: 29 Jul 2022 21:49

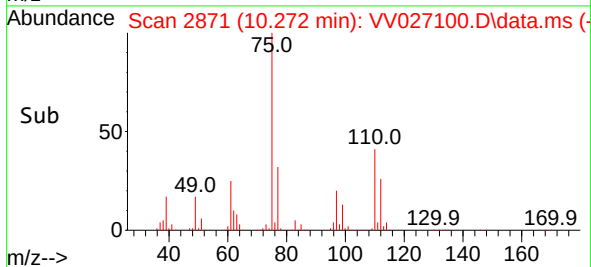
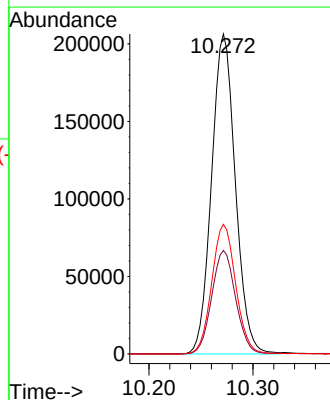
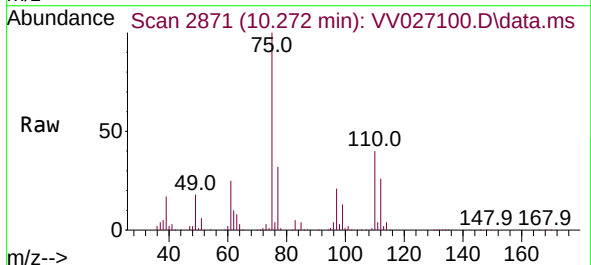
Instrument :
MSVOA_V
ClientSampleId :
VSTD050319

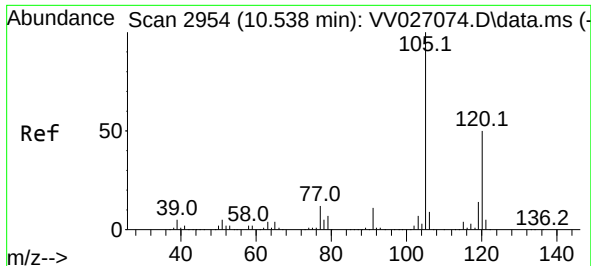
Tgt Ion:105 Resp: 979497
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.0
77 14.7 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 53.810 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV027100.D
Acq: 29 Jul 2022 21:49

Tgt Ion: 75 Resp: 328552
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8
110 40.7 32.7 49.1

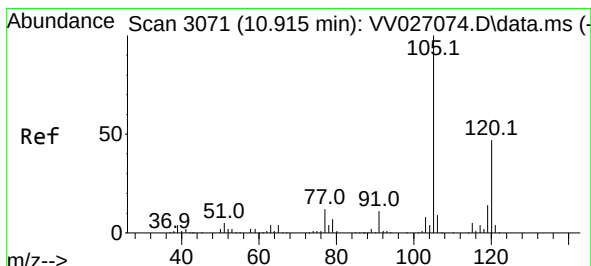
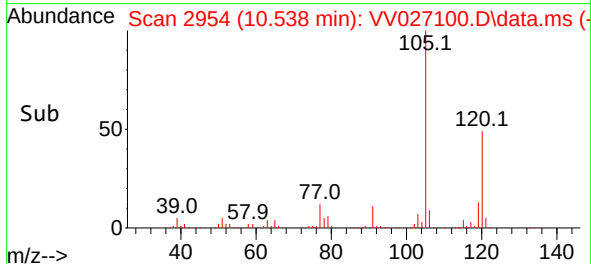
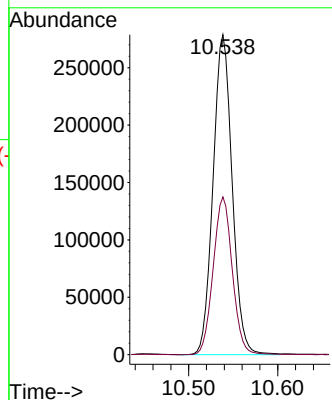
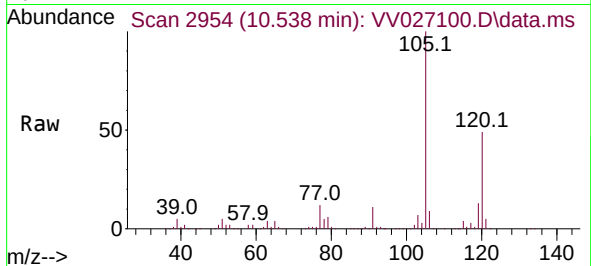




#62
 1,3,5-Trimethylbenzene
 Concen: 53.425 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV027100.D
 Acq: 29 Jul 2022 21:49

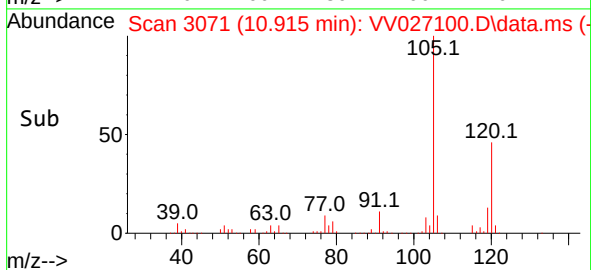
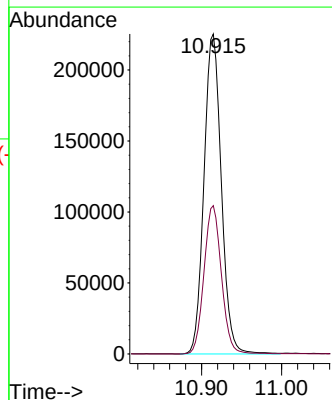
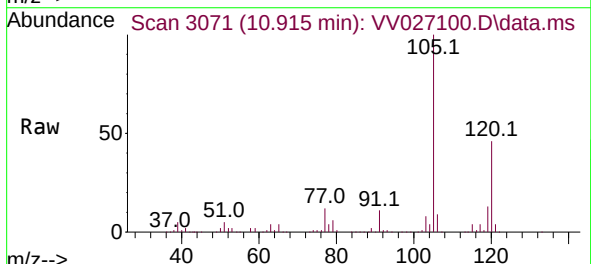
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050319

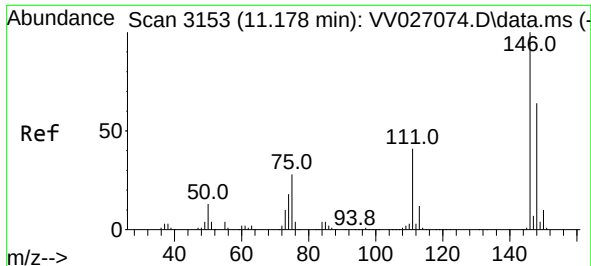
Tgt Ion:105 Resp: 415441
 Ion Ratio Lower Upper
 105 100
 120 49.4 39.3 58.9



#63
 1,2,4-Trimethylbenzene
 Concen: 54.899 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. -0.000 min
 Lab File: VV027100.D
 Acq: 29 Jul 2022 21:49

Tgt Ion:105 Resp: 340674
 Ion Ratio Lower Upper
 105 100
 120 46.5 37.0 55.6

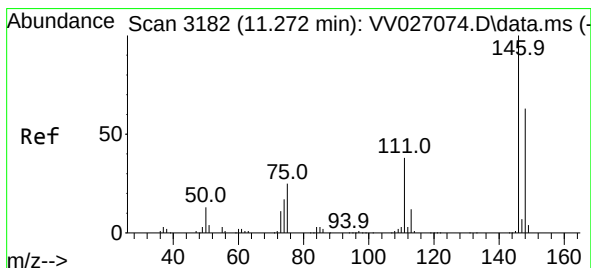
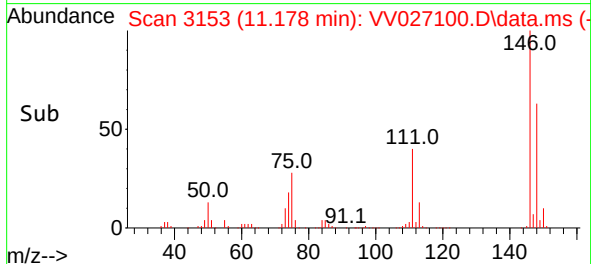
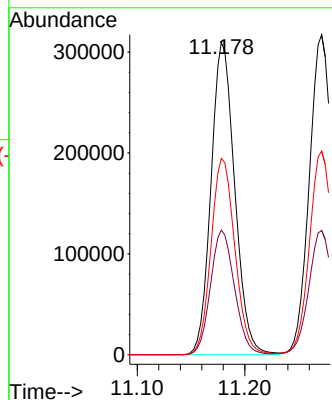
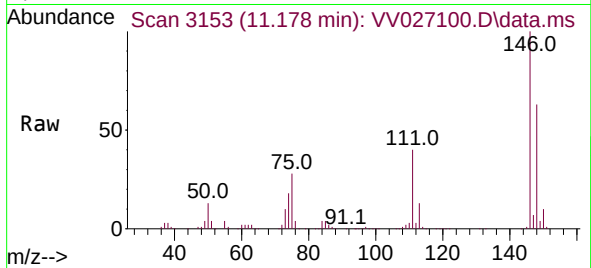




#64
 1,3-Dichlorobenzene
 Concen: 53.822 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. -0.000 min
 Lab File: VV027100.D
 Acq: 29 Jul 2022 21:49

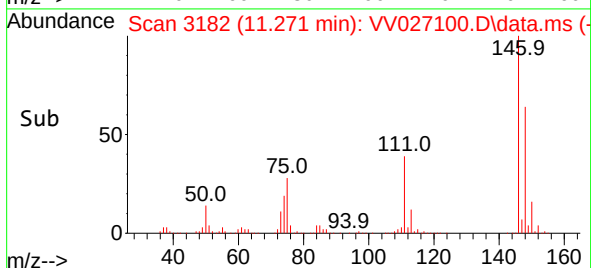
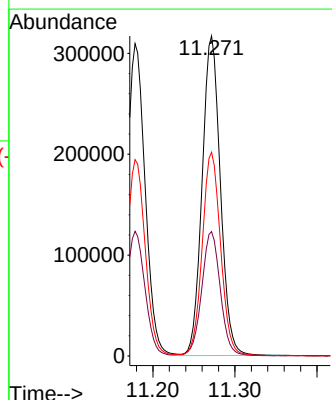
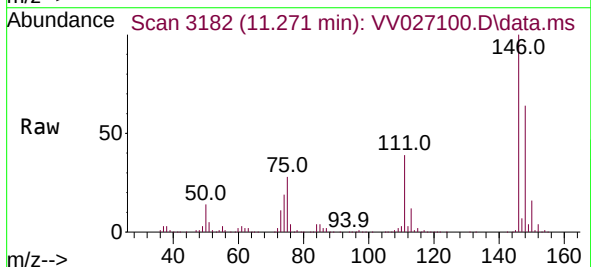
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050319

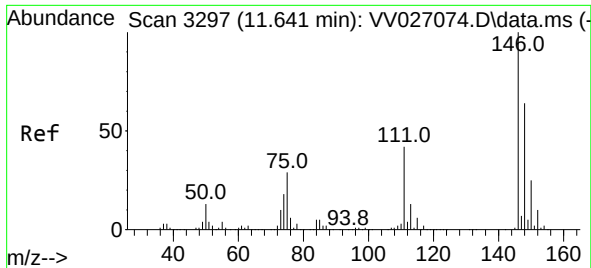
Tgt Ion:146 Resp: 474688
 Ion Ratio Lower Upper
 146 100
 111 39.9 28.4 52.8
 148 62.8 44.7 82.9



#65
 1,4-Dichlorobenzene
 Concen: 52.699 ug/L
 RT: 11.271 min Scan# 3182
 Delta R.T. -0.000 min
 Lab File: VV027100.D
 Acq: 29 Jul 2022 21:49

Tgt Ion:146 Resp: 489779
 Ion Ratio Lower Upper
 146 100
 111 38.8 27.4 51.0
 148 63.7 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 54.499 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. -0.000 min

Lab File: VV027100.D

Acq: 29 Jul 2022 21:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD050319

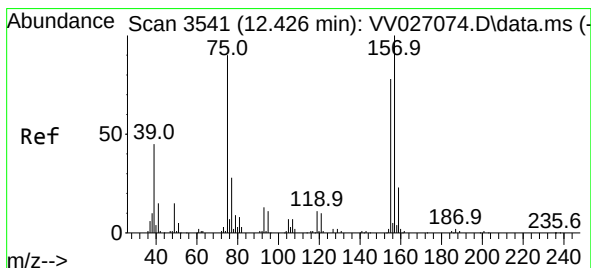
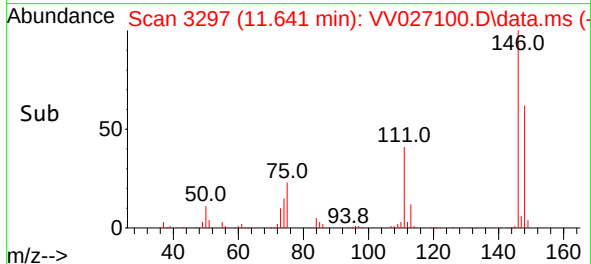
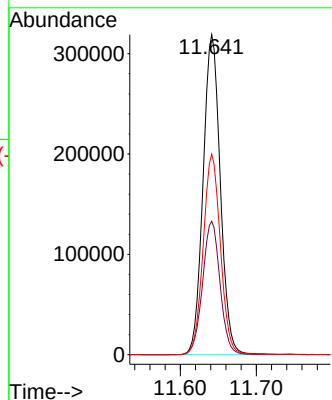
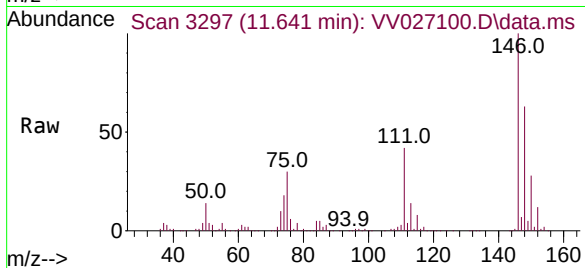
Tgt Ion:146 Resp: 501969

Ion Ratio Lower Upper

146 100

111 41.7 34.0 51.0

148 62.6 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 54.179 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV027100.D

Acq: 29 Jul 2022 21:49

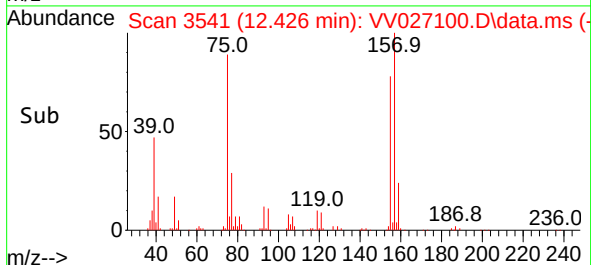
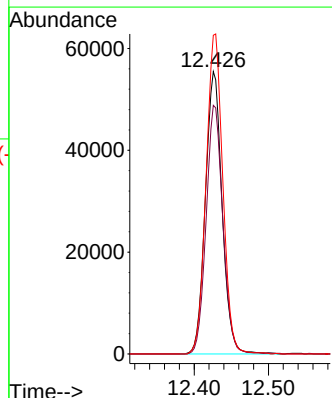
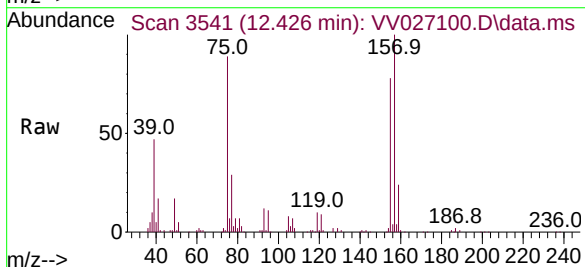
Tgt Ion: 75 Resp: 86731

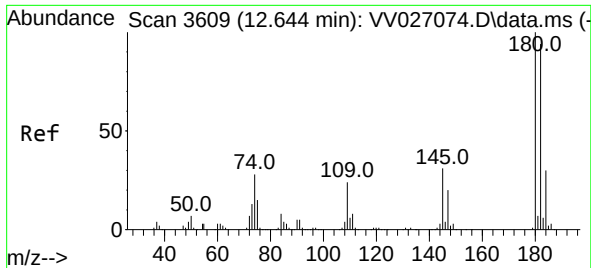
Ion Ratio Lower Upper

75 100

155 88.0 69.1 103.7

157 112.8 87.8 131.8

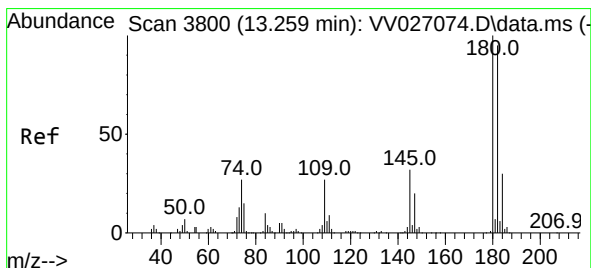
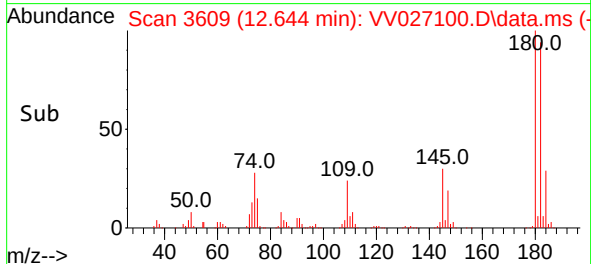
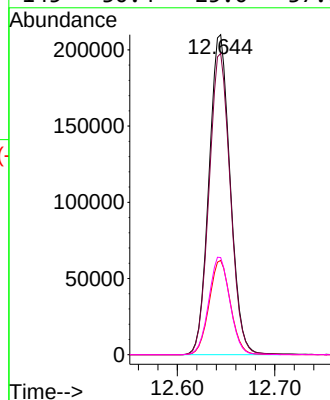
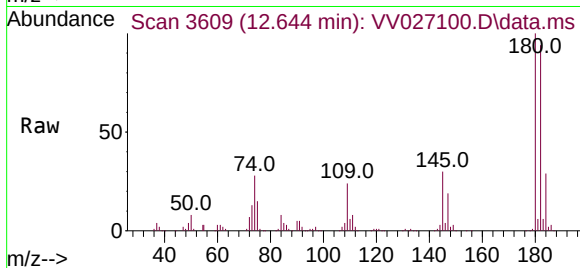




#69
 1,3,5-Trichlorobenzene
 Concen: 53.056 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV027100.D
 Acq: 29 Jul 2022 21:49

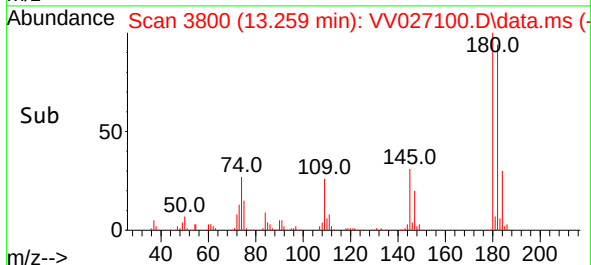
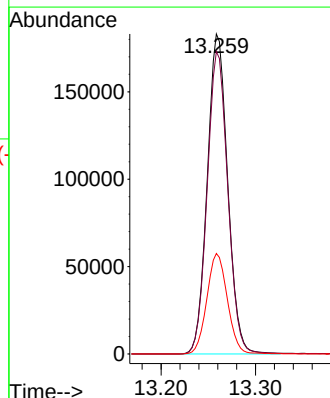
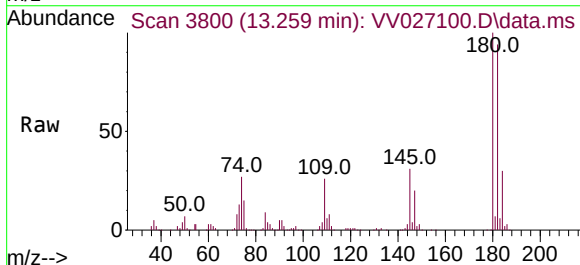
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050319

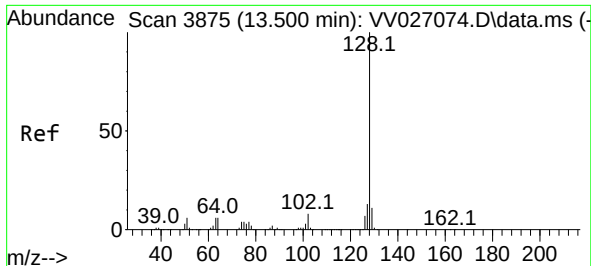
Tgt Ion:180	Resp:	317374	
Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.2	114.4
184	29.5	24.8	37.2
145	30.4	25.0	37.6



#70
 1,2,4-trichlorobenzene
 Concen: 53.757 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV027100.D
 Acq: 29 Jul 2022 21:49

Tgt Ion:180	Resp:	275234	
Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.9	113.9
145	31.4	24.7	37.1

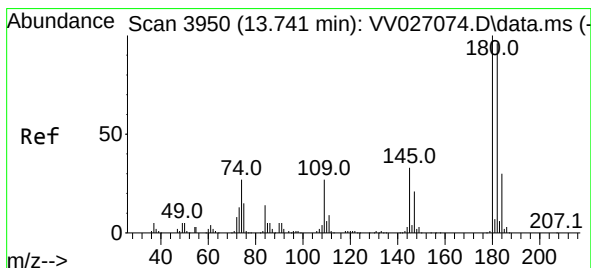
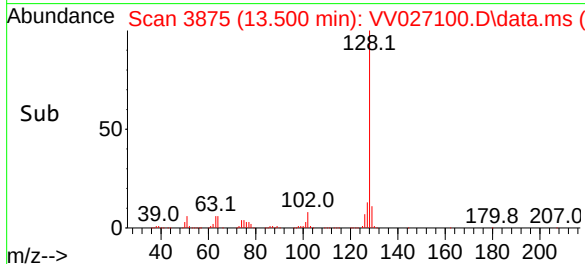
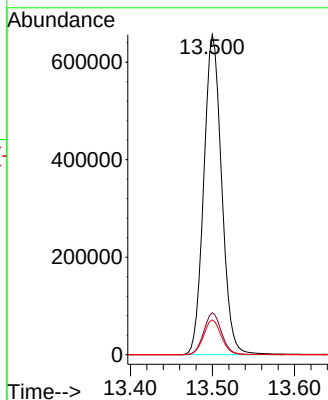
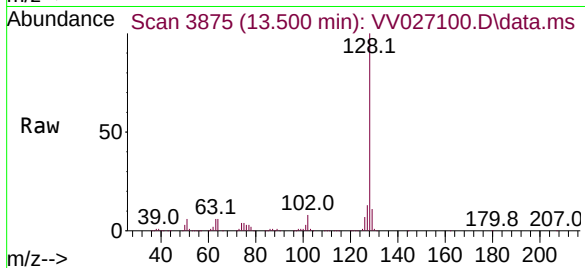




#71
Naphthalene
Concen: 55.772 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV027100.D
Acq: 29 Jul 2022 21:49

Instrument :
MSVOA_V
ClientSampleId :
VSTD050319

Tgt Ion:128 Resp: 993589
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 55.541 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV027100.D
Acq: 29 Jul 2022 21:49

Tgt Ion:180 Resp: 308439
Ion Ratio Lower Upper
180 100
182 95.0 76.3 114.5
145 33.3 27.4 41.0

