

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100722\
 Data File : VW028399.D
 Acq On : 07 Oct 2022 11:28
 Operator : SY/MD
 Sample : VSTD10067
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100267

Quant Time: Oct 07 23:22:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 23:20:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	483074	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	435128	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	229161	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	367730	91.430	ug/L	0.00
7) Chloroethane-d5	1.564	69	294006	91.016	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.104	63	633168	88.537	ug/L	0.00
21) 2-Butanone-d5	3.895	46	707148	255.038	ug/L	0.00
24) Chloroform-d	4.339	84	693828	89.322	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	448337	98.485	ug/L	0.00
32) Benzene-d6	5.043	84	1421078	106.923	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	466122	107.723	ug/L	0.00
41) Toluene-d8	7.310	98	1272600	109.875	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	240780	126.719	ug/L	0.00
47) 2-Hexanone-d5	8.082	63	516067	263.994	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	624882	97.771	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.615	152	476553	108.031	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	350547	73.578	ug/L	100
3) Chloromethane	1.240	50	401892	87.446	ug/L	100
5) Vinyl chloride	1.307	62	408350	84.888	ug/L	99
6) Bromomethane	1.519	94	189109	67.897	ug/L	100
8) Chloroethane	1.584	64	247619	87.069	ug/L	100
9) Trichlorofluoromethane	1.751	101	499265	76.300	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	282507	74.231	ug/L	99
12) 1,1-Dichloroethene	2.114	96	282547	78.945	ug/L	96
13) Acetone	2.111	43	3176	1.593	ug/L	72
14) Carbon disulfide	2.288	76	903923	86.846	ug/L	100
15) Methyl Acetate	2.436	43	464078	111.181	ug/L	97
16) Methylene chloride	2.500	84	362396	78.900	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	326799	85.311	ug/L	97
18) Methyl tert-butyl Ether	2.764	73	1212797	108.344	ug/L	100
19) 1,1-Dichloroethane	3.182	63	662606	92.220	ug/L	100
20) cis-1,2-Dichloroethene	3.902	96	375321	91.848	ug/L	99
22) 2-Butanone	3.979	43	709760	264.015	ug/L	98
23) Bromochloromethane	4.239	128	185395	81.150	ug/L	99
25) Chloroform	4.368	83	647622	85.640	ug/L	98
27) 1,2-Dichloroethane	5.124	62	511214	94.386	ug/L	100
29) Cyclohexane	4.670	56	616248	126.033	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	569377	98.713	ug/L	99
31) Carbon tetrachloride	4.821	117	474876	95.062	ug/L	99
33) Benzene	5.092	78	1432195	102.364	ug/L	100
34) Trichloroethene	5.908	95	352416	97.760	ug/L	96
35) Methylcyclohexane	6.127	83	611101	111.720	ug/L	99
37) 1,2-Dichloropropane	6.169	63	392186	106.384	ug/L	100
38) Bromodichloromethane	6.503	83	511509	102.727	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	622006	116.918	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	1294073	274.358	ug/L	99
42) Toluene	7.381	91	1477013	104.154	ug/L	100
44) trans-1,3-Dichloropropene	7.644	75	610929	118.509	ug/L	99

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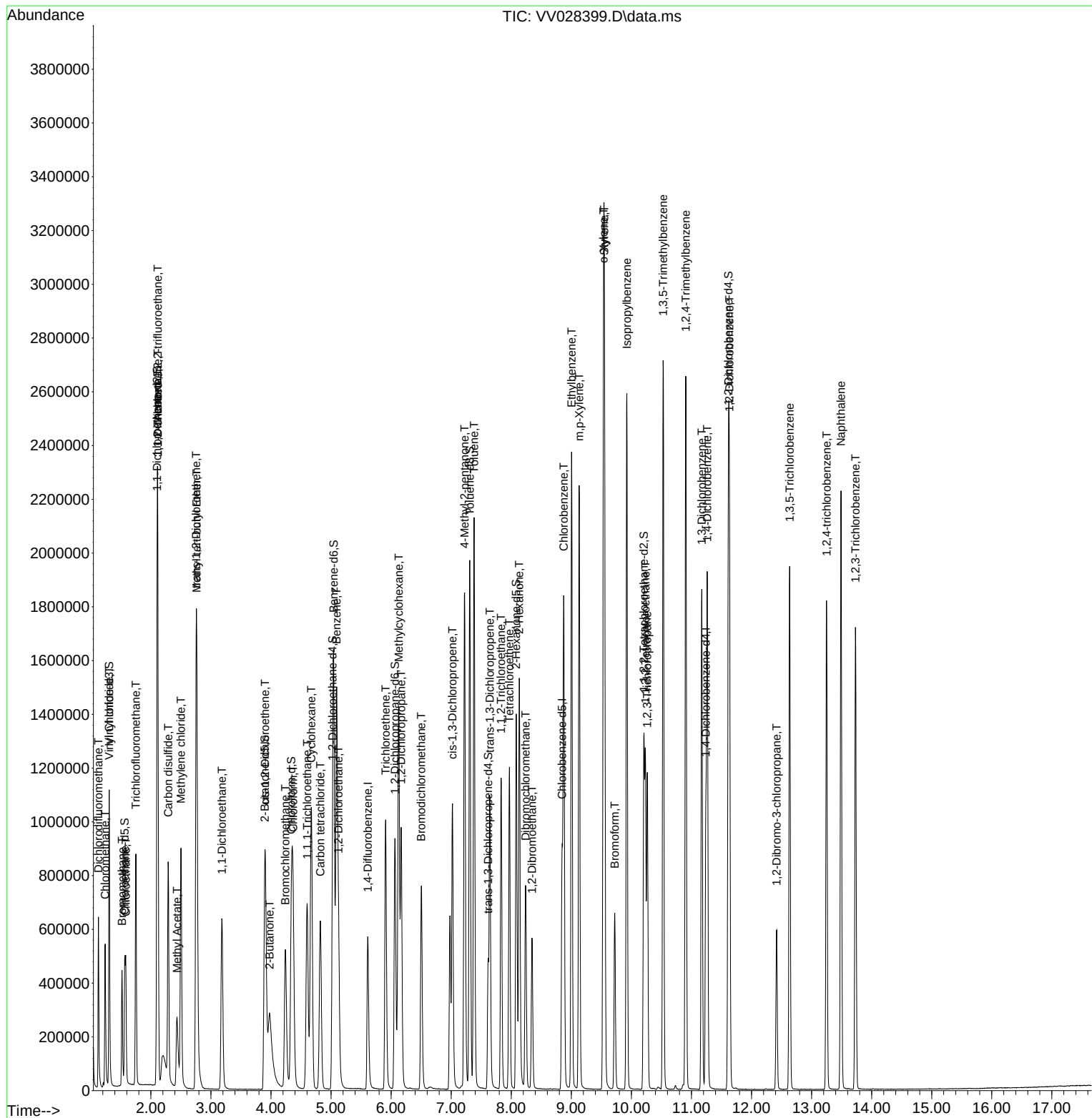
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.831	97	354939	93.052	ug/L	99
46) Tetrachloroethene	7.969	164	258501	93.544	ug/L	99
48) 2-Hexanone	8.133	43	996908	276.604	ug/L	99
49) Dibromochloromethane	8.239	129	387114	96.177	ug/L	98
50) 1,2-Dibromoethane	8.345	107	368382	93.998	ug/L	99
51) Chlorobenzene	8.873	112	926281	94.001	ug/L	99
52) Ethylbenzene	9.005	91	1631079	108.948	ug/L	100
53) m,p-Xylene	9.130	106	613236	106.184	ug/L	100
54) o-Xylene	9.535	106	611646	108.260	ug/L	98
55) Styrene	9.551	104	1070434	109.407	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	599040	96.470	ug/L	100
59) Bromoform	9.722	173	283675	107.372	ug/L	100
60) Isopropylbenzene	9.924	105	1619023	115.012	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	467224	99.885	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	1409813	121.150	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	1403343	121.136	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	723862	103.702	ug/L	100
65) 1,4-Dichlorobenzene	11.265	146	720454	97.930	ug/L	98
67) 1,2-Dichlorobenzene	11.631	146	725668	101.444	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.419	75	150887	117.130	ug/L	98
69) 1,3,5-Trichlorobenzene	12.635	180	563320	111.441	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	514305	118.392	ug/L	99
71) Naphthalene	13.490	128	1634656	122.162	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	496198	112.792	ug/L	99

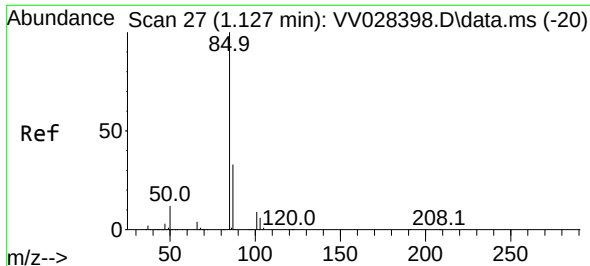
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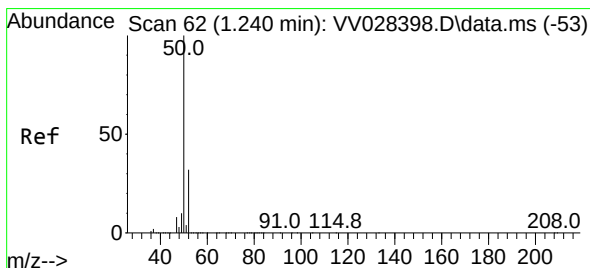
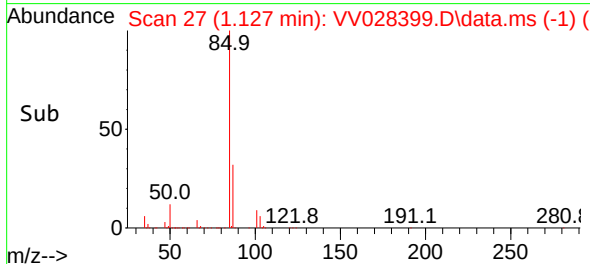
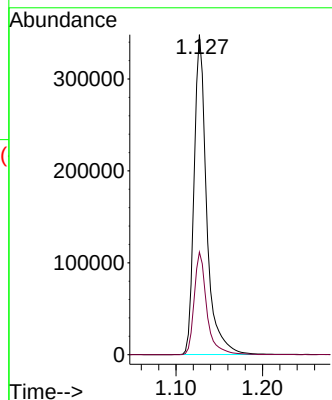
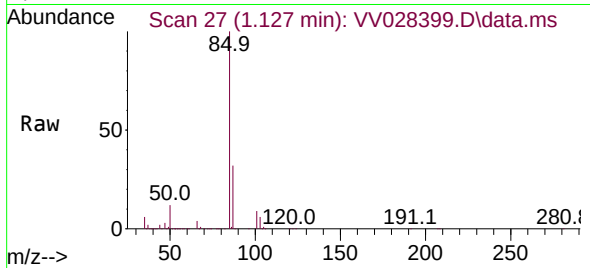




#2
 Dichlorodifluoromethane
 Concen: 73.578 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV028399.D
 Acq: 07 Oct 2022 11:28

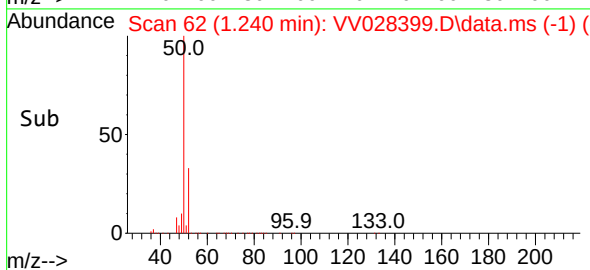
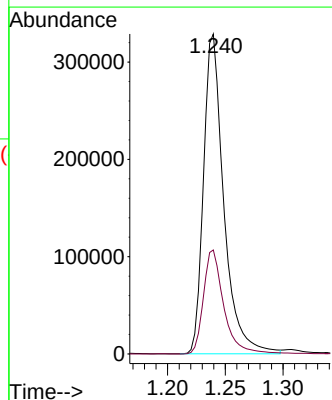
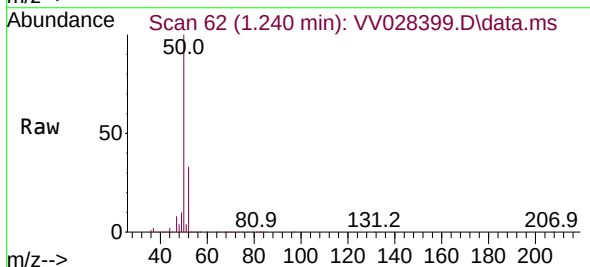
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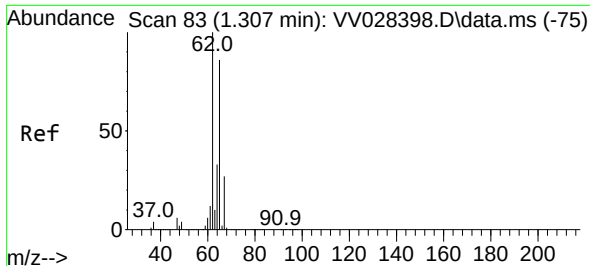
Tgt Ion: 85 Resp: 350547
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.9 38.9



#3
 Chloromethane
 Concen: 87.446 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV028399.D
 Acq: 07 Oct 2022 11:28

Tgt Ion: 50 Resp: 401892
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.7 42.3

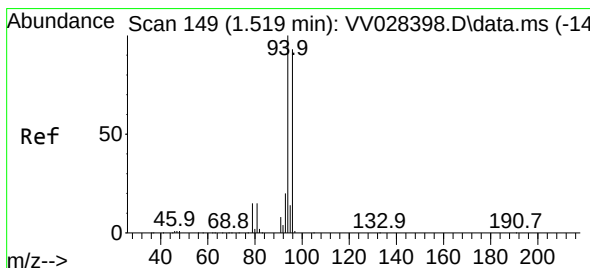
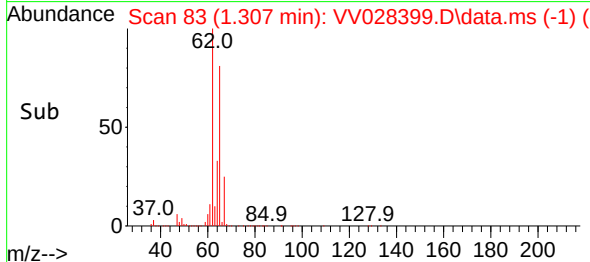
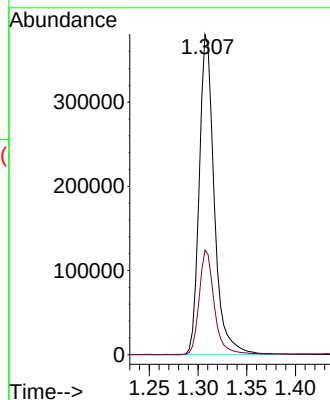
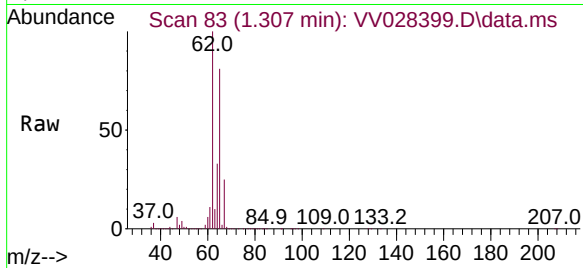




#5
 Vinyl chloride
 Concen: 84.888 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV028399.D
 Acq: 07 Oct 2022 11:28

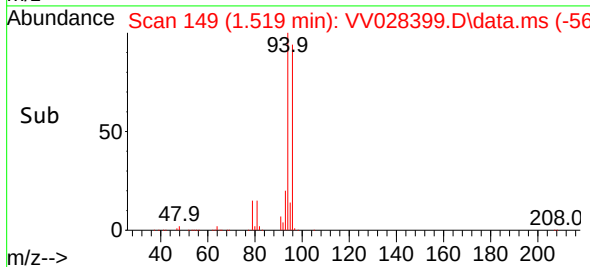
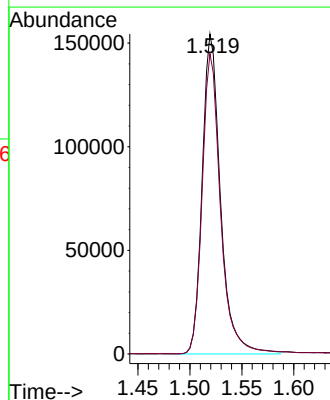
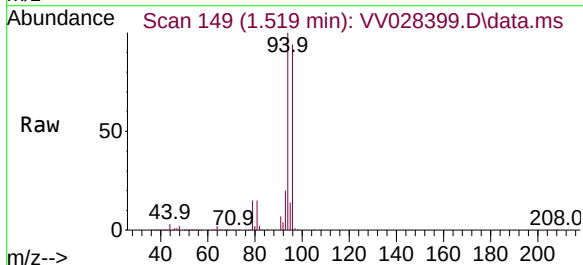
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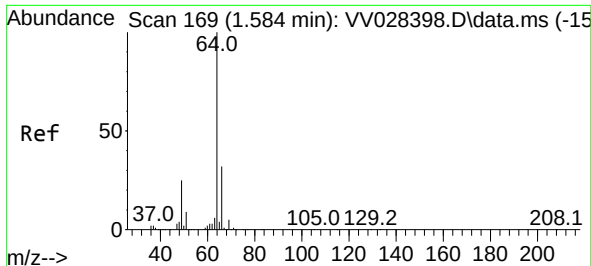
Tgt Ion: 62 Resp: 408350
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.3 43.3



#6
 Bromomethane
 Concen: 67.897 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV028399.D
 Acq: 07 Oct 2022 11:28

Tgt Ion: 94 Resp: 189109
 Ion Ratio Lower Upper
 94 100
 96 93.8 65.5 121.6

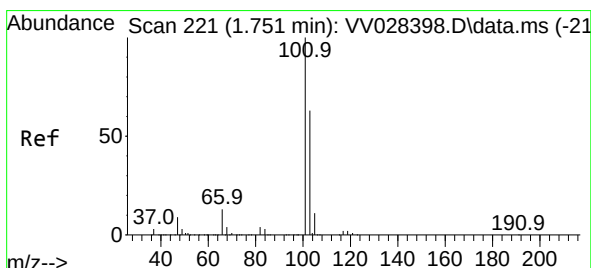
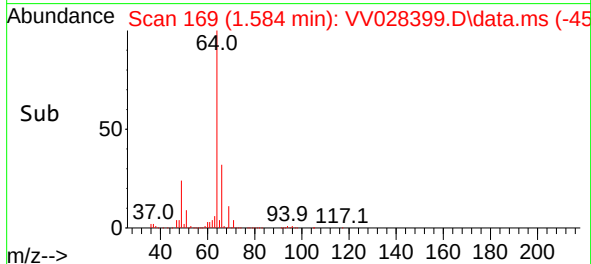
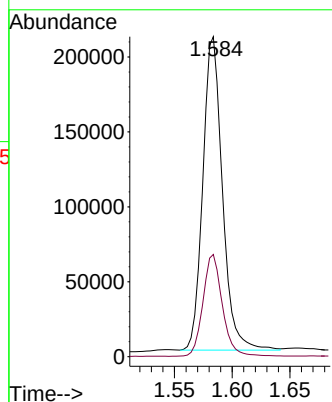
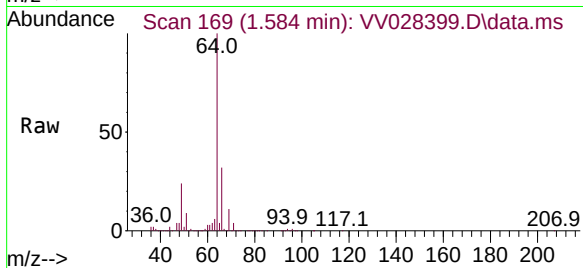




#8
Chloroethane
Concen: 87.069 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV028399.D
Acq: 07 Oct 2022 11:28

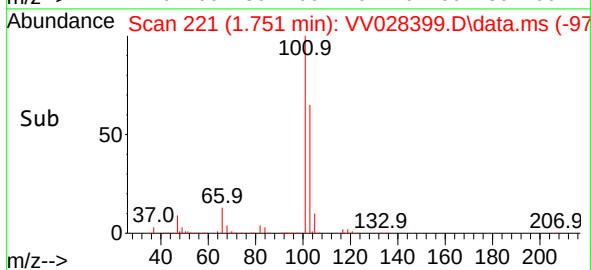
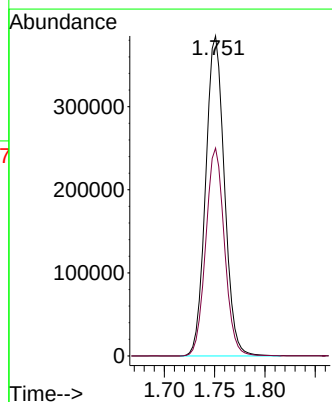
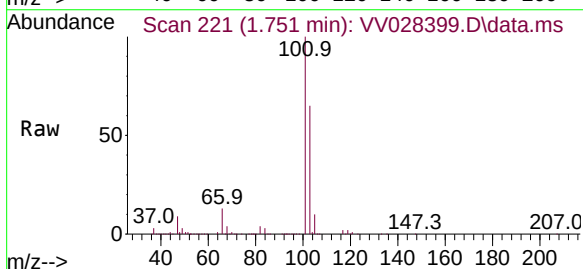
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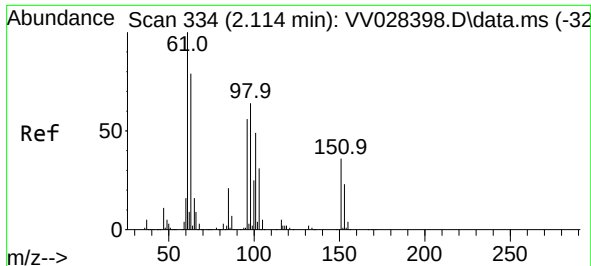
Tgt Ion: 64 Resp: 247619
Ion Ratio Lower Upper
64 100
66 32.0 22.2 41.2



#9
Trichlorofluoromethane
Concen: 76.300 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV028399.D
Acq: 07 Oct 2022 11:28

Tgt Ion:101 Resp: 499265
Ion Ratio Lower Upper
101 100
103 64.9 50.7 76.1

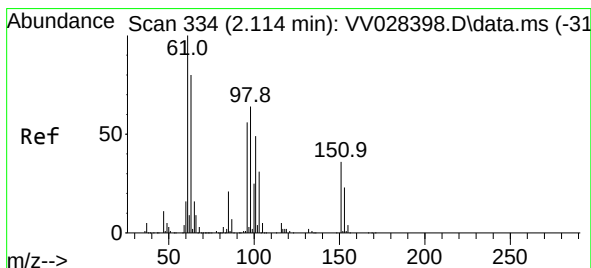
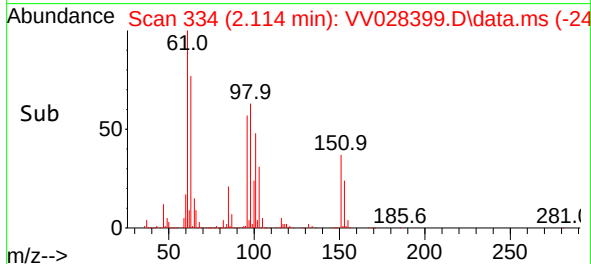
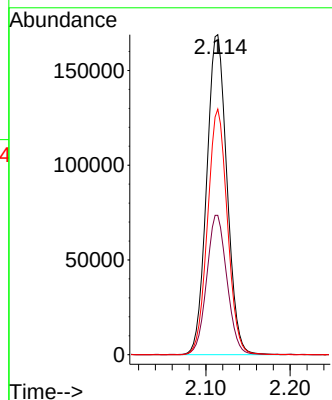
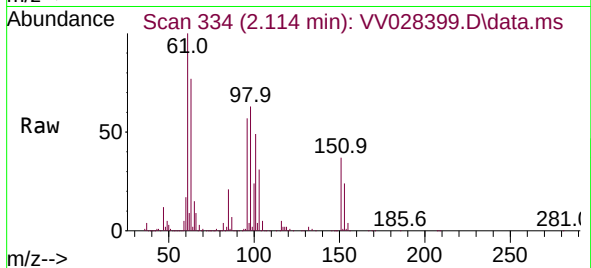




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 74.231 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV028399.D
 Acq: 07 Oct 2022 11:28

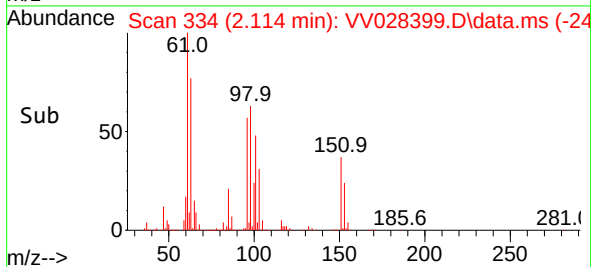
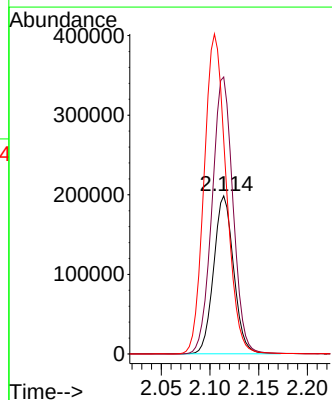
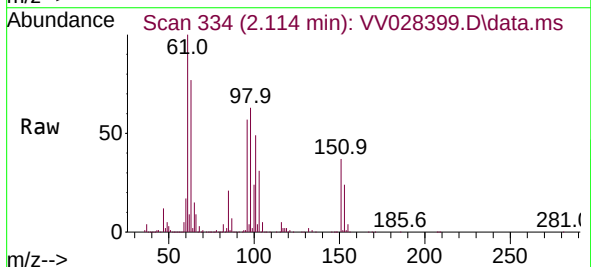
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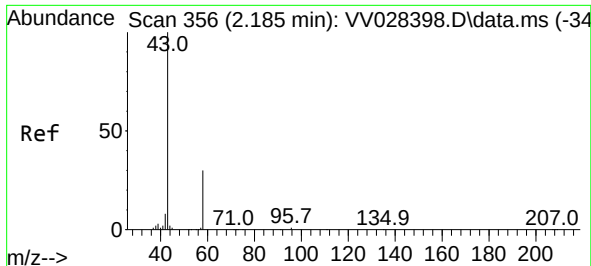
Tgt Ion:101 Resp: 282507
 Ion Ratio Lower Upper
 101 100
 85 43.8 34.9 52.3
 151 75.1 59.2 88.8



#12
 1,1-Dichloroethene
 Concen: 78.945 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV028399.D
 Acq: 07 Oct 2022 11:28

Tgt Ion: 96 Resp: 282547
 Ion Ratio Lower Upper
 96 100
 61 175.1 125.6 233.2
 63 135.2 100.0 185.6

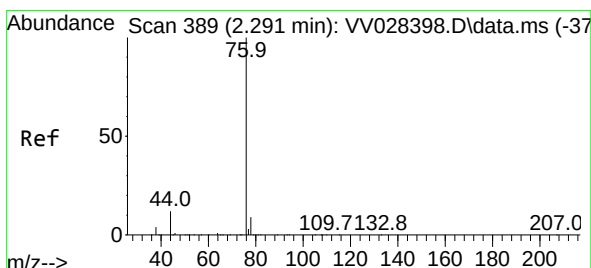
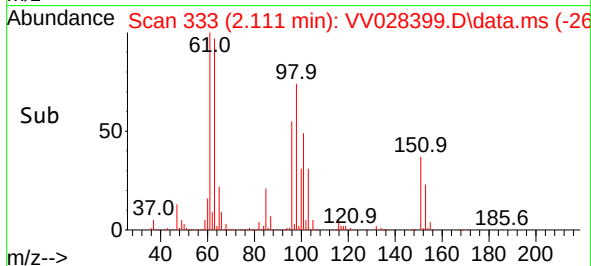
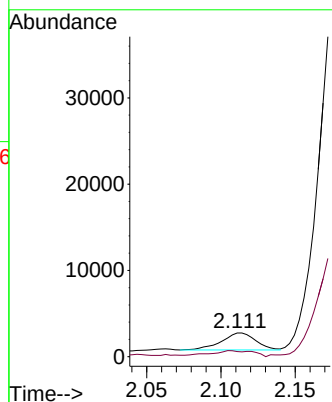
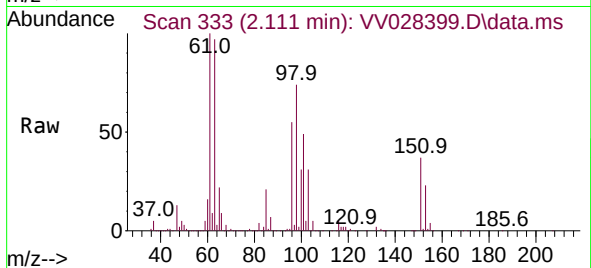




#13
Acetone
Concen: 1.593 ug/L
RT: 2.111 min Scan# 31
Delta R.T. -0.074 min
Lab File: VV028399.D
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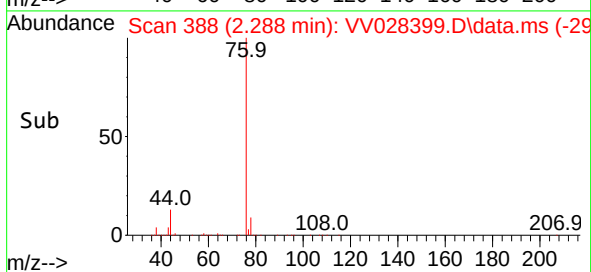
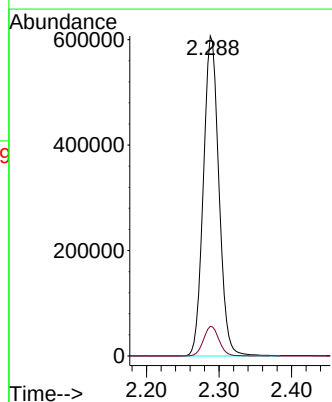
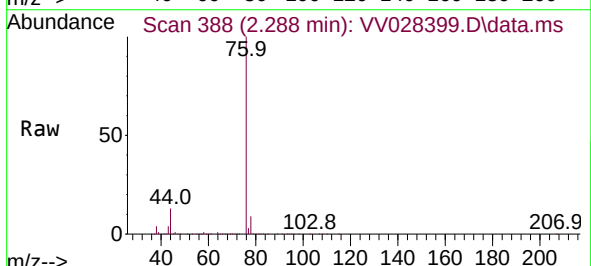
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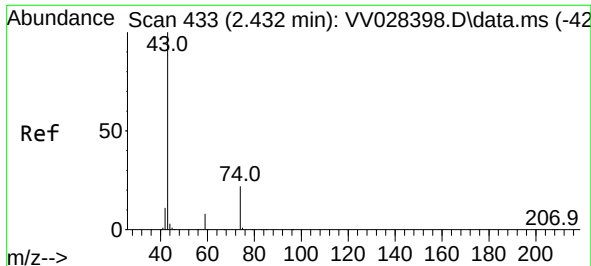
Tgt Ion: 43 Resp: 3176
Ion Ratio Lower Upper
43 100
58 9.7 0.0 47.0



#14
Carbon disulfide
Concen: 86.846 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.003 min
Lab File: VV028399.D
Acq: 07 Oct 2022 11:28

Tgt Ion: 76 Resp: 903923
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

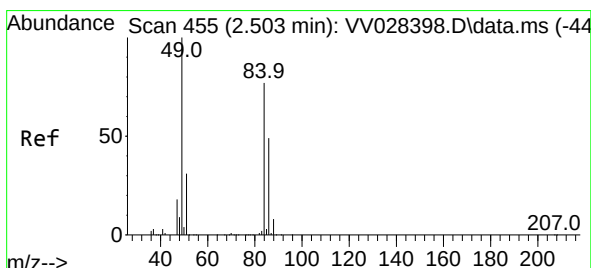
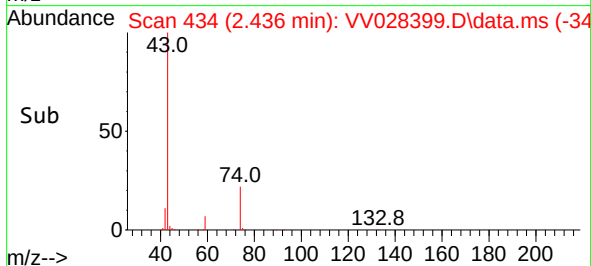
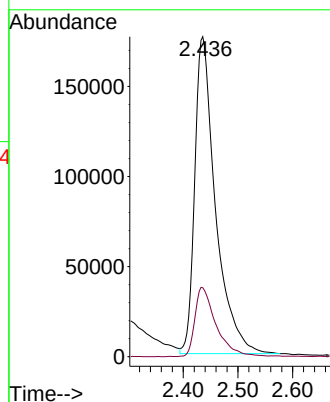
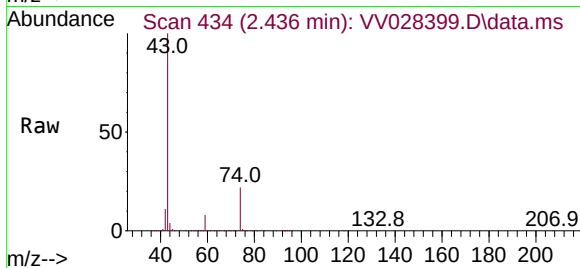




#15
Methyl Acetate
Concen: 111.181 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028399.D
Acq: 07 Oct 2022 11:28

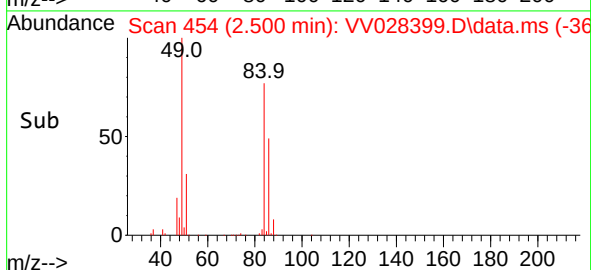
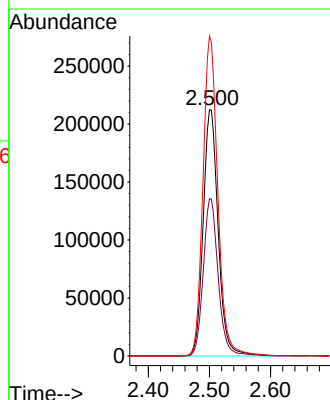
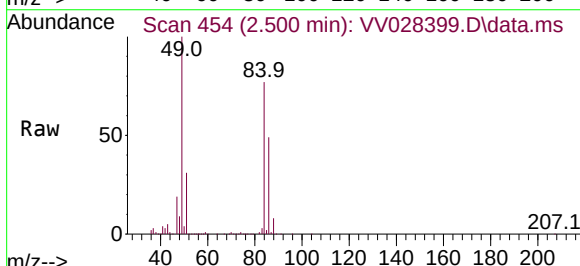
Instrument :
MSVOA_V
ClientSampleId :
VSTD100267

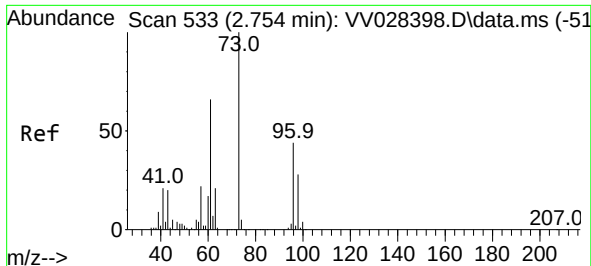
Tgt Ion: 43 Resp: 464078
Ion Ratio Lower Upper
43 100
74 22.1 18.8 28.2



#16
Methylene chloride
Concen: 78.900 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.003 min
Lab File: VV028399.D
Acq: 07 Oct 2022 11:28

Tgt Ion: 84 Resp: 362396
Ion Ratio Lower Upper
84 100
86 63.9 44.2 82.2
49 130.0 90.5 168.1

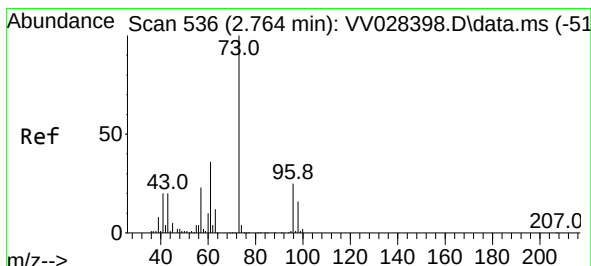
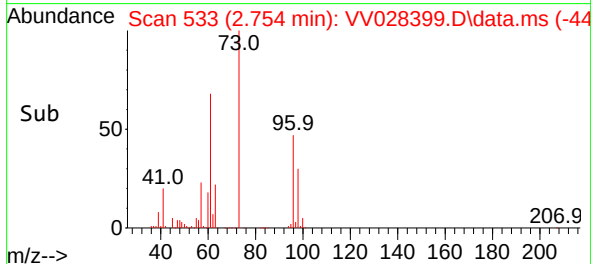
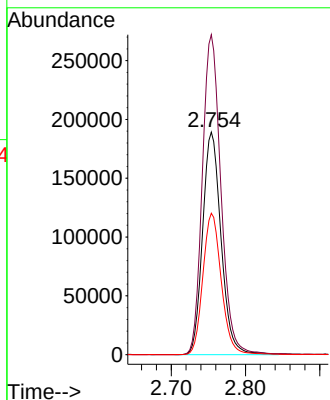
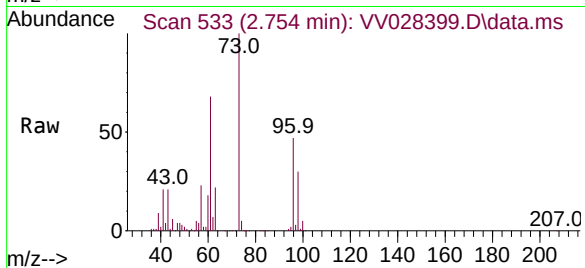




#17
trans-1,2-Dichloroethene
Concen: 85.311 ug/L
RT: 2.754 min Scan# 511
Delta R.T. 0.000 min
Lab File: VV028399.D
Acq: 07 Oct 2022 11:28

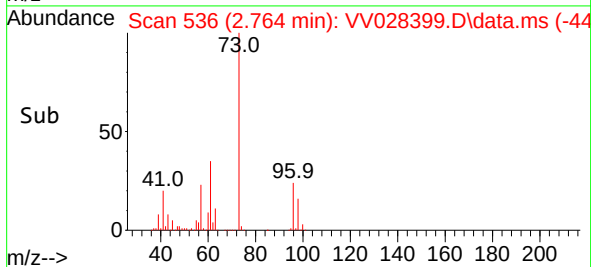
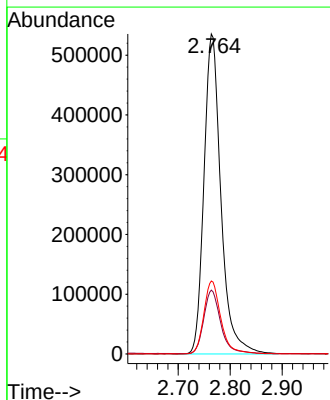
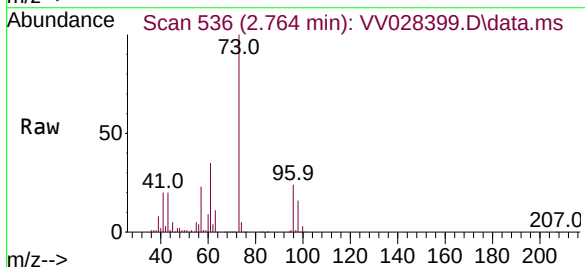
Instrument :
MSVOA_V
ClientSampleId :
VSTD100267

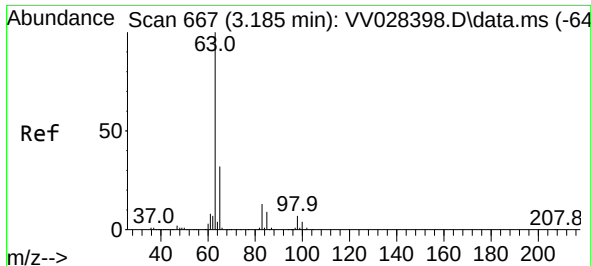
Tgt Ion: 96 Resp: 326799
Ion Ratio Lower Upper
96 100
61 143.8 104.8 194.6
98 63.6 44.5 82.7



#18
Methyl tert-butyl Ether
Concen: 108.344 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV028399.D
Acq: 07 Oct 2022 11:28

Tgt Ion: 73 Resp: 1212797
Ion Ratio Lower Upper
73 100
43 19.7 15.6 23.4
57 23.0 18.2 27.4





#19

1,1-Dichloroethane

Concen: 92.220 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV028399.D

Acq: 07 Oct 2022 11:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD100267

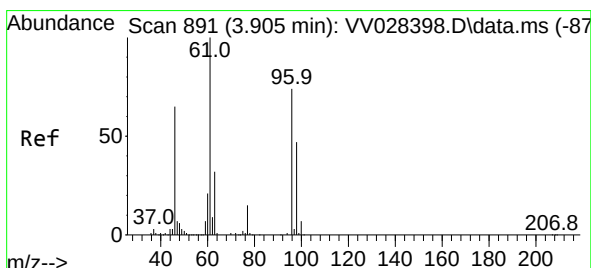
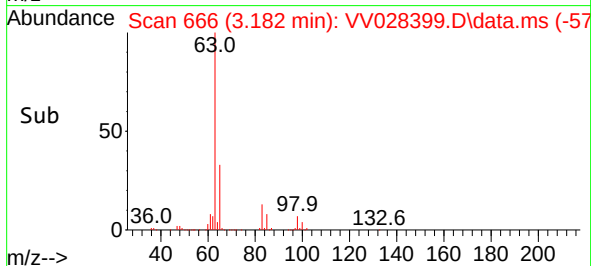
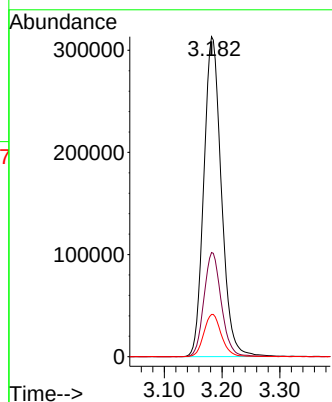
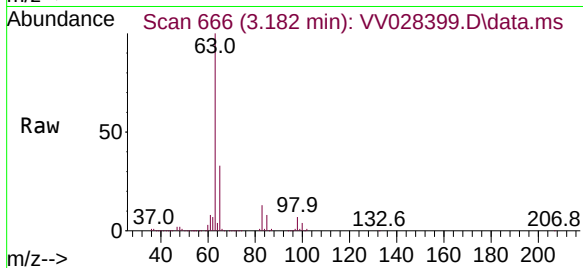
Tgt Ion: 63 Resp: 662606

Ion Ratio Lower Upper

63 100

65 32.5 22.6 42.0

83 13.2 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 91.848 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.003 min

Lab File: VV028399.D

Acq: 07 Oct 2022 11:28

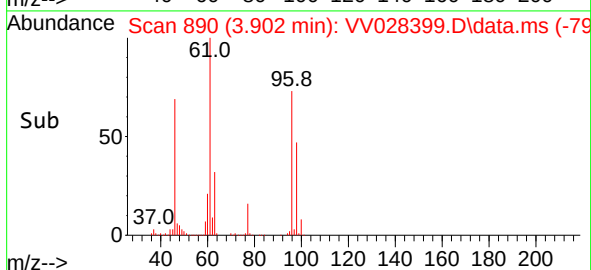
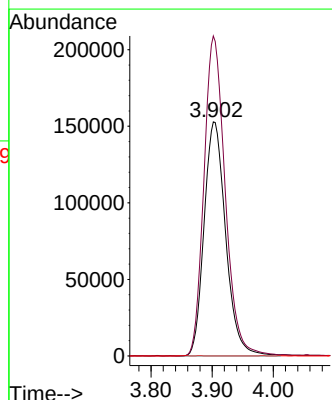
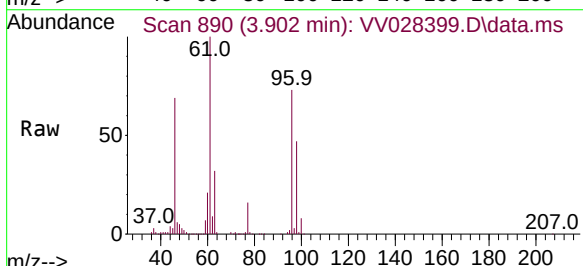
Tgt Ion: 96 Resp: 375321

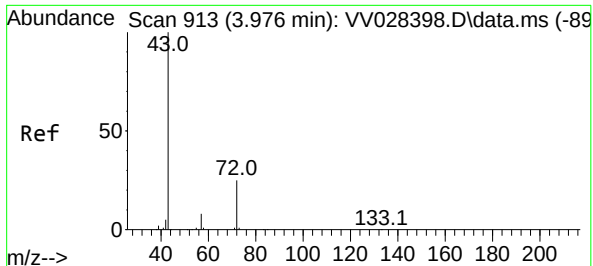
Ion Ratio Lower Upper

96 100

61 136.7 95.0 176.4

68 0.0 0.0 0.0

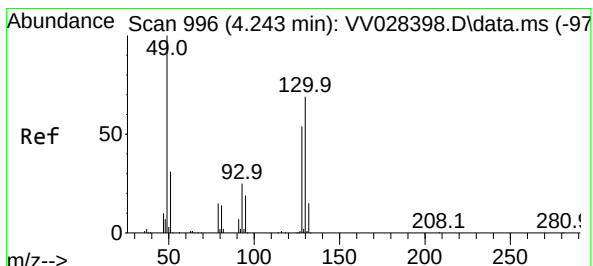
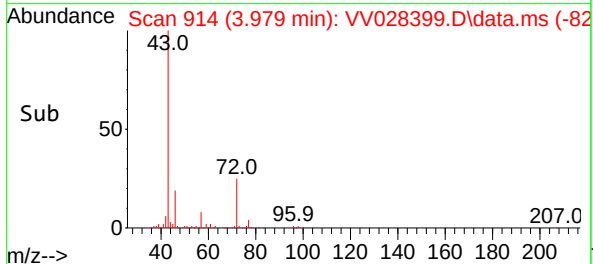
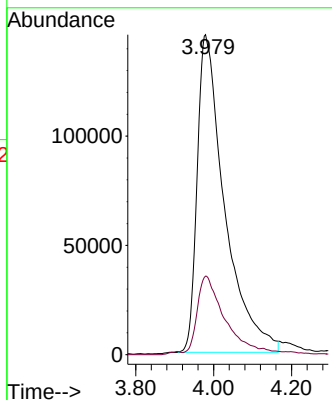
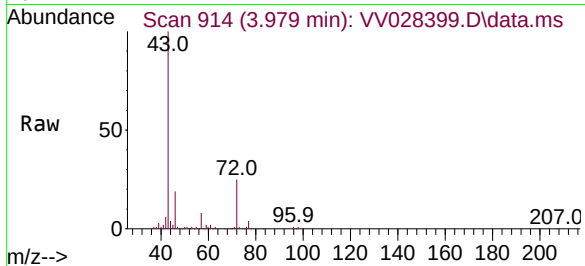




#22
2-Butanone
Concen: 264.015 ug/L
RT: 3.979 min Scan# 913
Delta R.T. 0.003 min
Lab File: VV028399.D
Acq: 07 Oct 2022 11:28

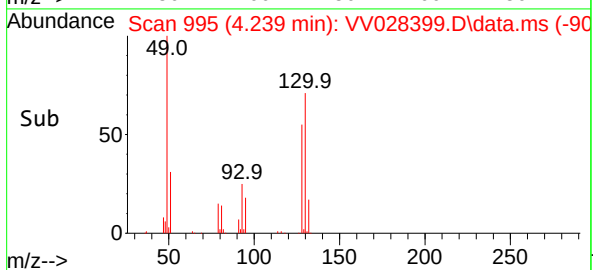
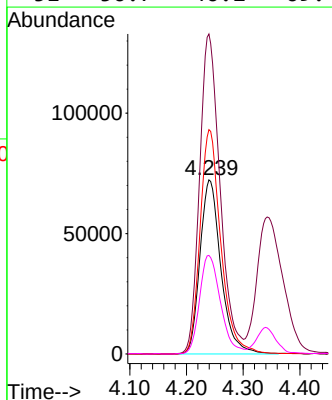
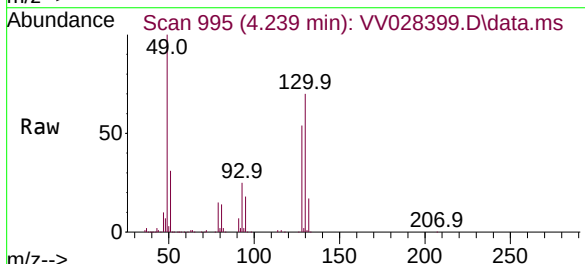
Instrument :
MSVOA_V
ClientSampleId :
VSTD100267

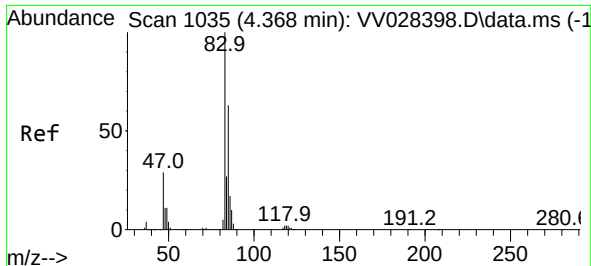
Tgt Ion: 43 Resp: 709760
Ion Ratio Lower Upper
43 100
72 23.1 11.1 33.1



#23
Bromochloromethane
Concen: 81.150 ug/L
RT: 4.239 min Scan# 995
Delta R.T. -0.003 min
Lab File: VV028399.D
Acq: 07 Oct 2022 11:28

Tgt Ion: 128 Resp: 185395
Ion Ratio Lower Upper
128 100
49 183.8 130.6 242.6
130 128.8 90.0 167.2
51 56.7 46.2 69.4

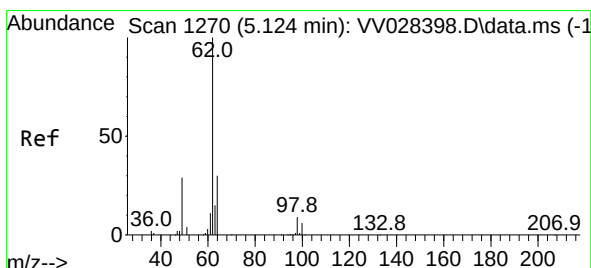
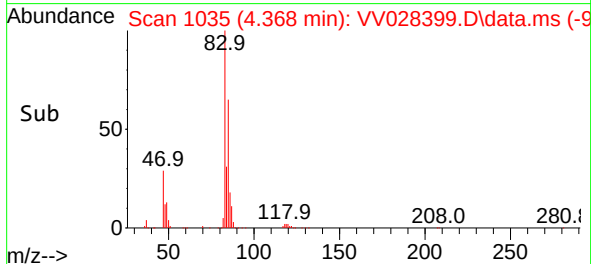
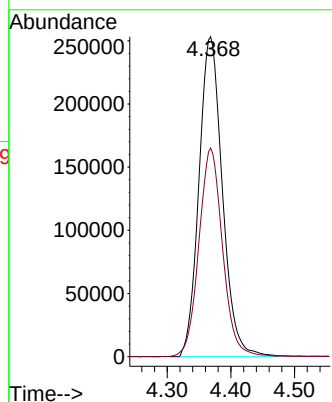
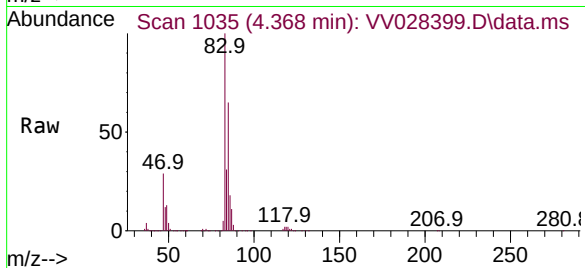




#25
Chloroform
Concen: 85.640 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VV028399.D
Acq: 07 Oct 2022 11:28

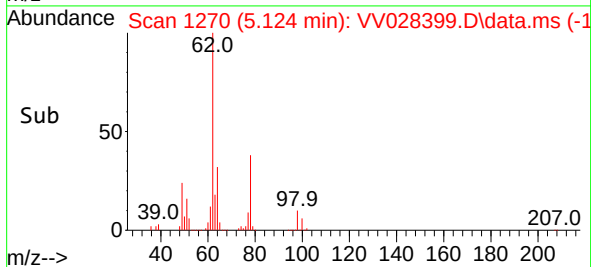
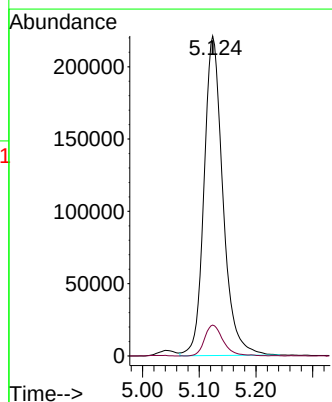
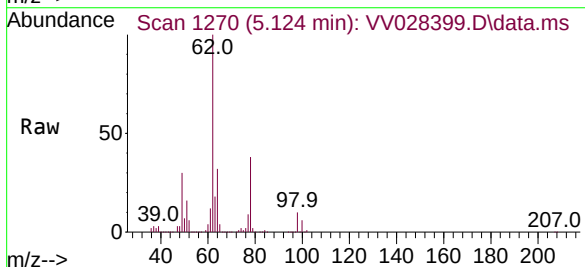
Instrument :
MSVOA_V
ClientSampleId :
VSTD100267

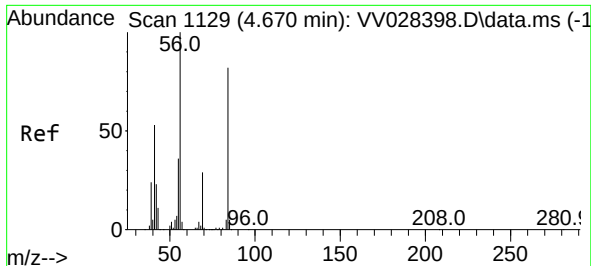
Tgt Ion: 83 Resp: 647622
Ion Ratio Lower Upper
83 100
85 65.2 44.5 82.7



#27
1,2-Dichloroethane
Concen: 94.386 ug/L
RT: 5.124 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VV028399.D
Acq: 07 Oct 2022 11:28

Tgt Ion: 62 Resp: 511214
Ion Ratio Lower Upper
62 100
98 9.6 7.6 11.4





#29

Cyclohexane

Concen: 126.033 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VV028399.D

Acq: 07 Oct 2022 11:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD100267

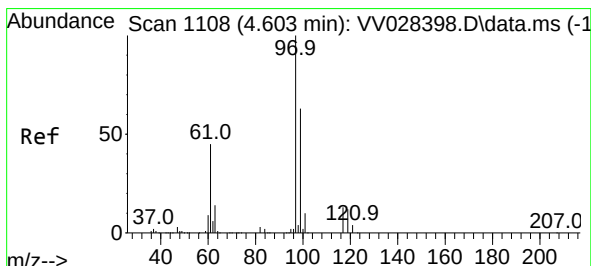
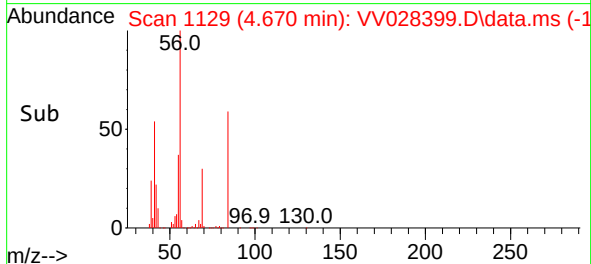
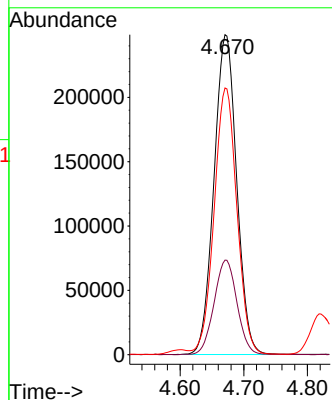
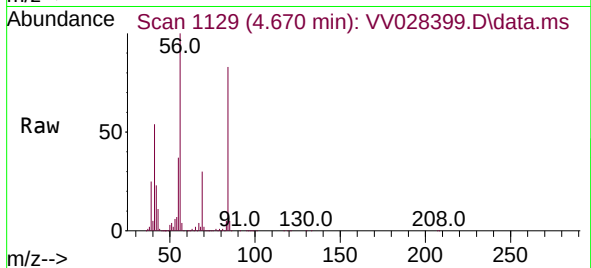
Tgt Ion: 56 Resp: 616248

Ion Ratio Lower Upper

56 100

69 29.7 23.0 34.6

84 83.4 65.8 98.8



#30

1,1,1-Trichloroethane

Concen: 98.713 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV028399.D

Acq: 07 Oct 2022 11:28

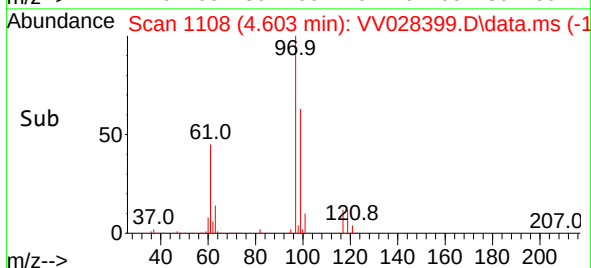
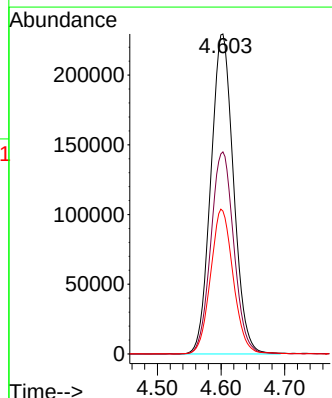
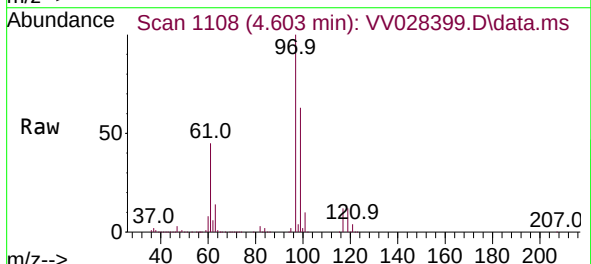
Tgt Ion: 97 Resp: 569377

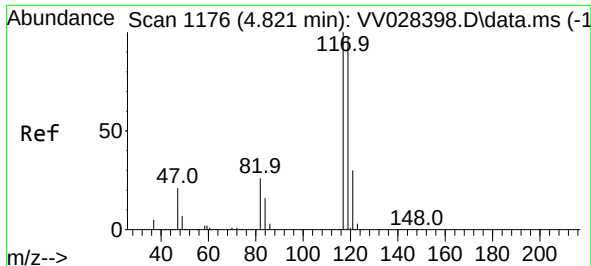
Ion Ratio Lower Upper

97 100

99 64.1 50.2 75.2

61 44.8 35.8 53.6

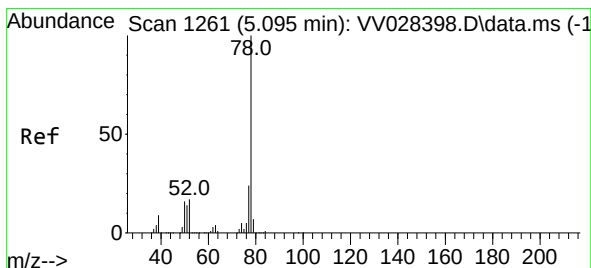
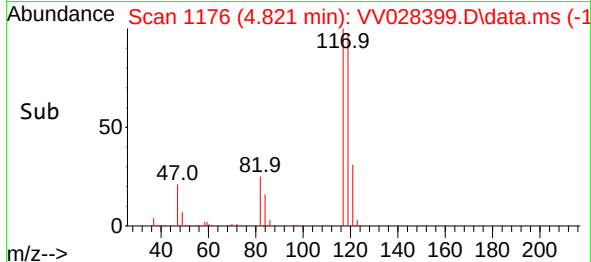
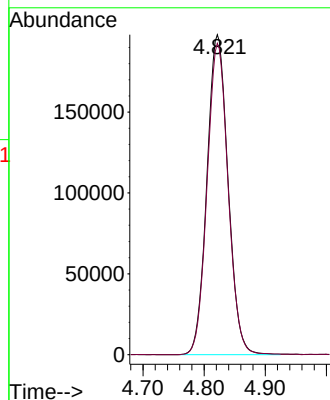
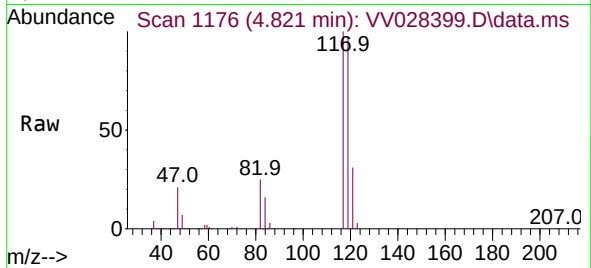




#31
Carbon tetrachloride
Concen: 95.062 ug/L
RT: 4.821 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VV028399.D
Acq: 07 Oct 2022 11:28

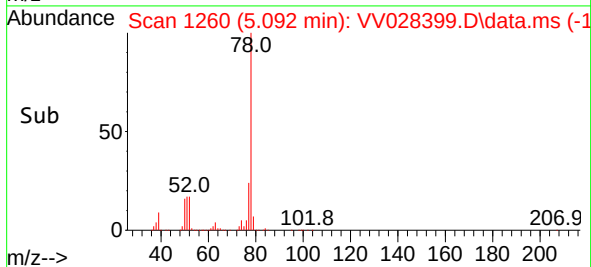
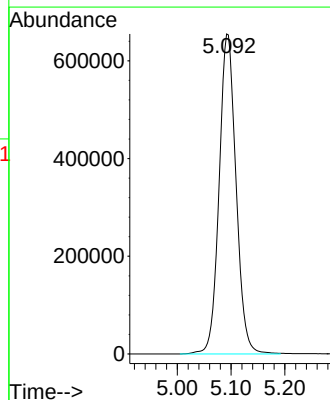
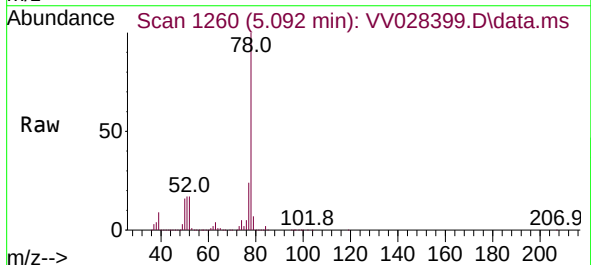
Instrument :
MSVOA_V
ClientSampleId :
VSTD100267

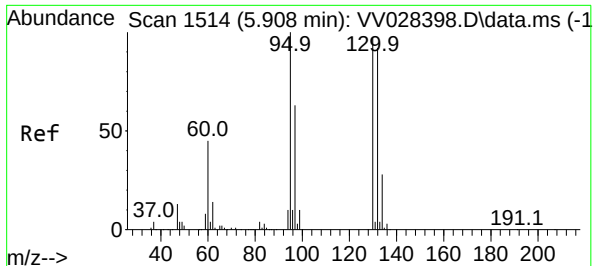
Tgt Ion:117 Resp: 474876
Ion Ratio Lower Upper
117 100
119 96.7 78.0 117.0



#33
Benzene
Concen: 102.364 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VV028399.D
Acq: 07 Oct 2022 11:28

Tgt Ion: 78 Resp: 1432195

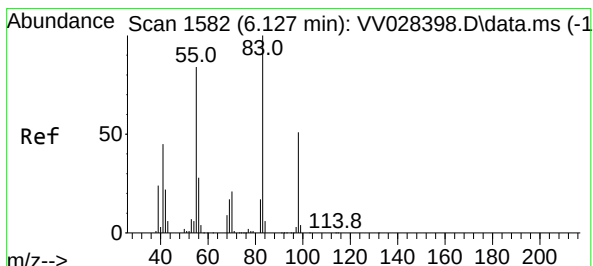
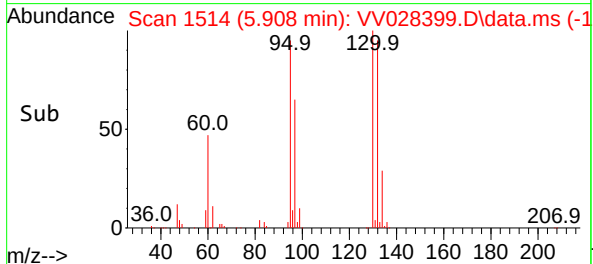
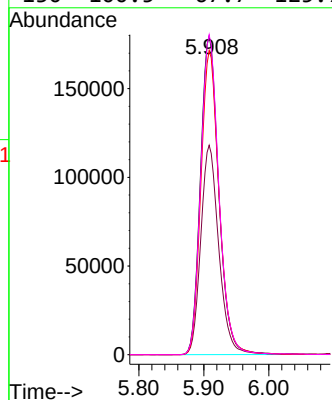
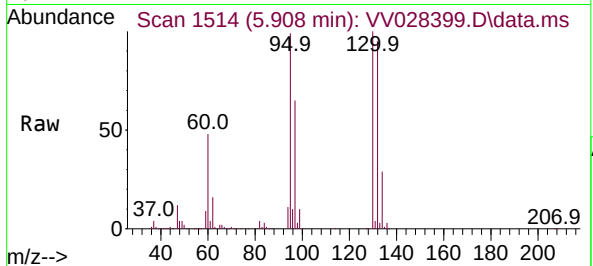




#34
Trichloroethene
Concen: 97.760 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VV028399.D
Acq: 07 Oct 2022 11:28

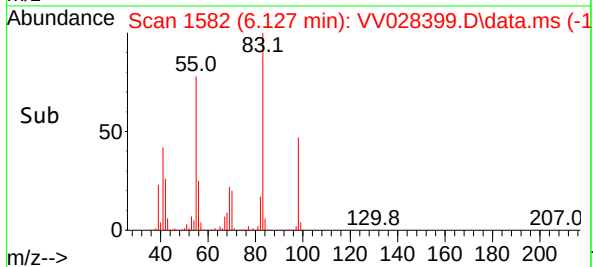
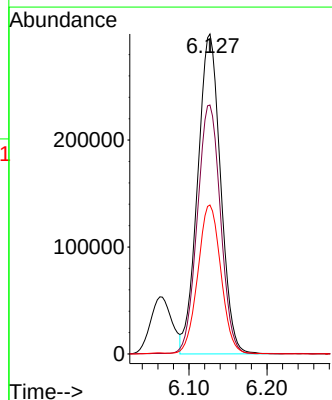
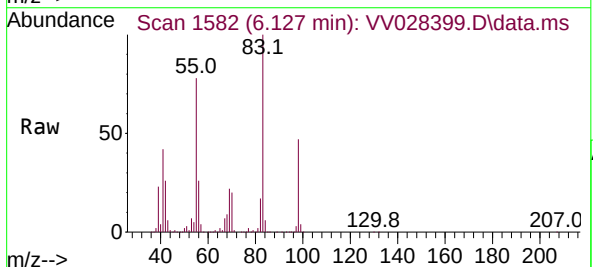
Instrument :
MSVOA_V
ClientSampleId :
VSTD100267

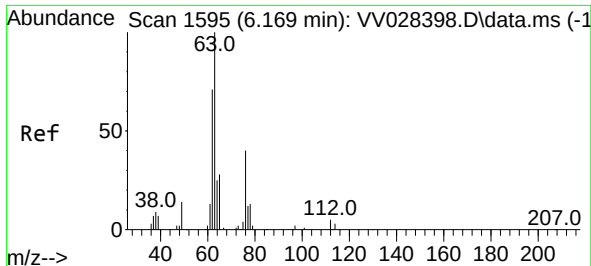
Tgt Ion: 95 Resp: 352416
Ion Ratio Lower Upper
95 100
97 65.8 44.4 82.4
132 95.5 64.3 119.5
130 100.5 67.7 125.7



#35
Methylcyclohexane
Concen: 111.720 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV028399.D
Acq: 07 Oct 2022 11:28

Tgt Ion: 83 Resp: 611101
Ion Ratio Lower Upper
83 100
55 78.6 63.7 95.5
98 47.1 38.2 57.2





#37

1,2-Dichloropropane

Concen: 106.384 ug/L

RT: 6.169 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VV028399.D

Acq: 07 Oct 2022 11:28

Instrument :

MSVOA_V

ClientSampleId :

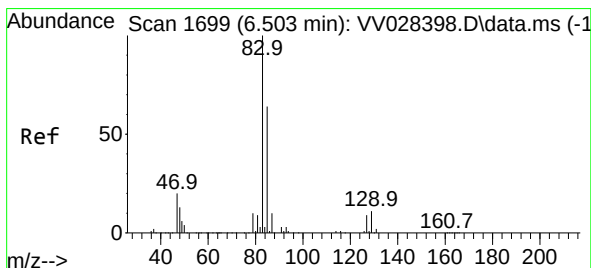
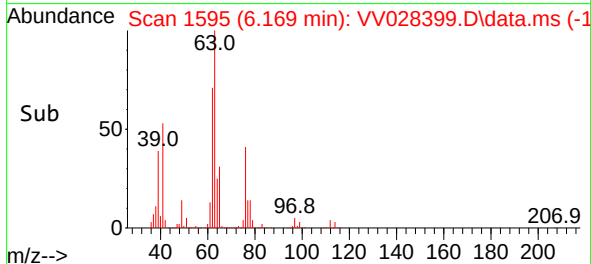
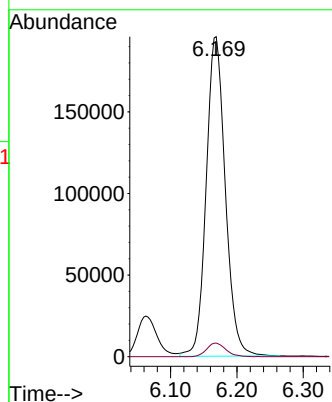
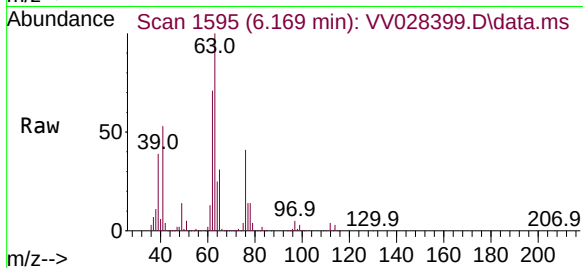
VSTD100267

Tgt Ion: 63 Resp: 392186

Ion Ratio Lower Upper

63 100

112 4.3 3.5 5.3



#38

Bromodichloromethane

Concen: 102.727 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VV028399.D

Acq: 07 Oct 2022 11:28

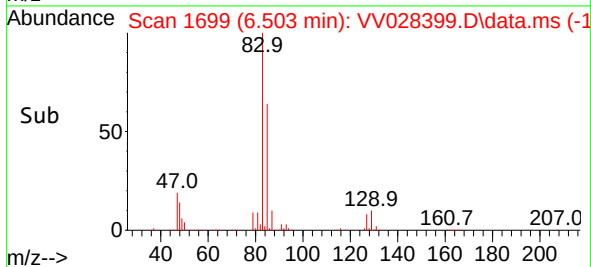
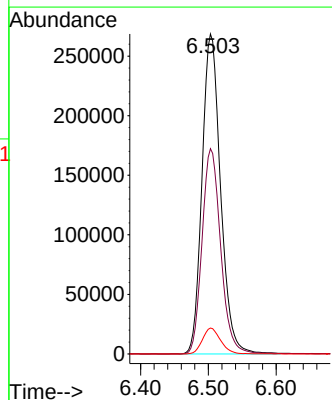
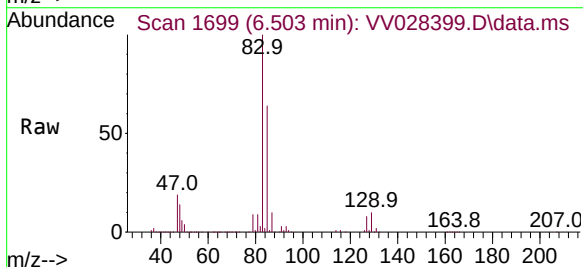
Tgt Ion: 83 Resp: 511509

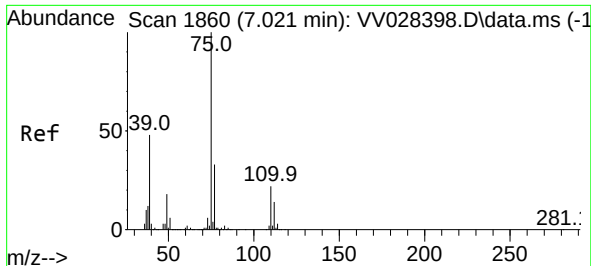
Ion Ratio Lower Upper

83 100

85 64.1 45.1 83.7

127 8.1 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 116.918 ug/L

RT: 7.021 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV028399.D

Acq: 07 Oct 2022 11:28

Instrument :

MSVOA_V

ClientSampleId :

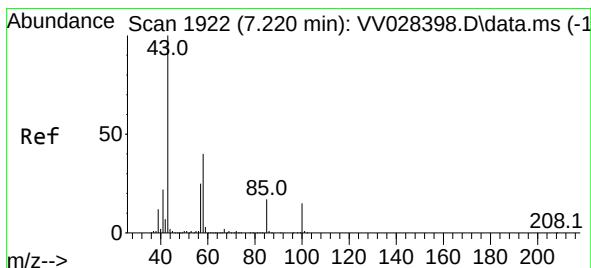
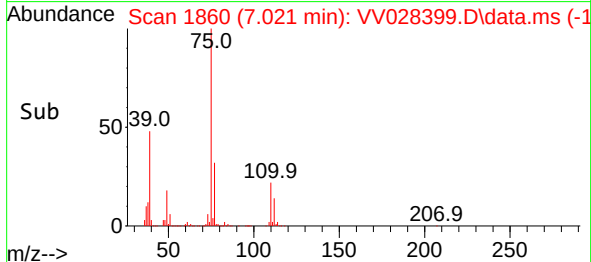
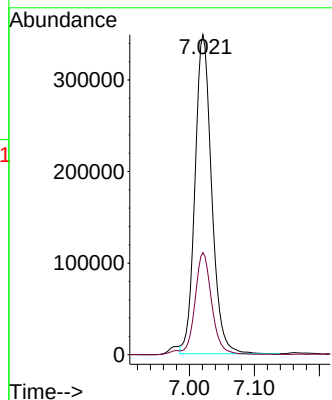
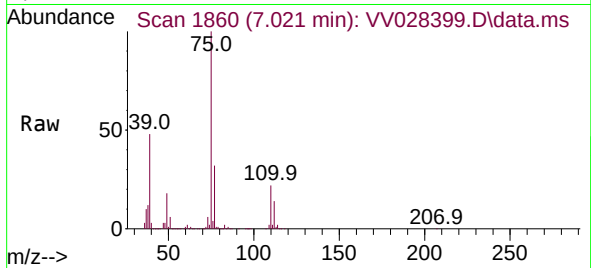
VSTD100267

Tgt Ion: 75 Resp: 622006

Ion Ratio Lower Upper

75 100

77 31.9 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 274.358 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV028399.D

Acq: 07 Oct 2022 11:28

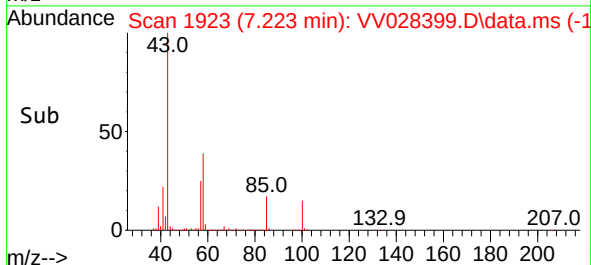
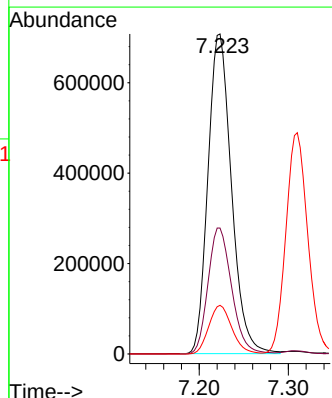
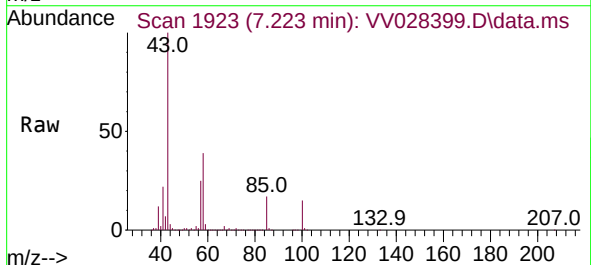
Tgt Ion: 43 Resp: 1294073

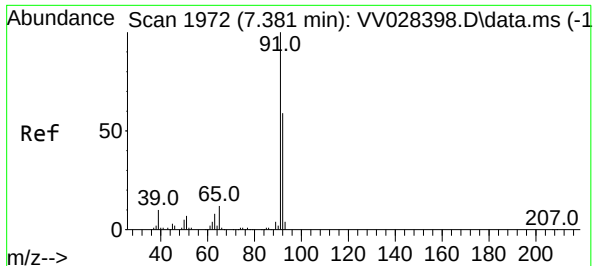
Ion Ratio Lower Upper

43 100

58 39.7 31.3 46.9

100 15.1 11.5 17.3

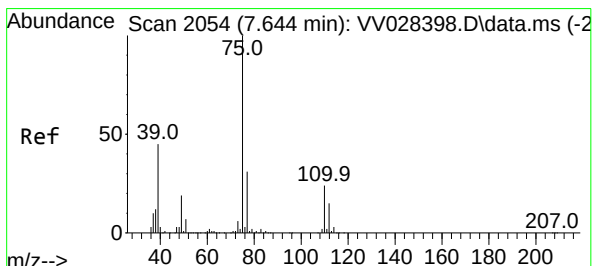
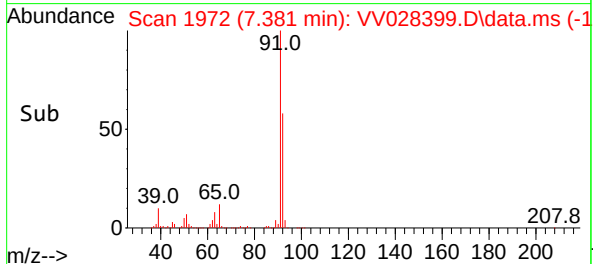
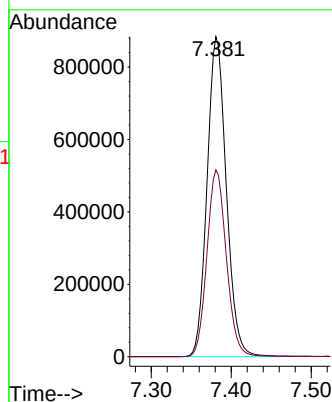
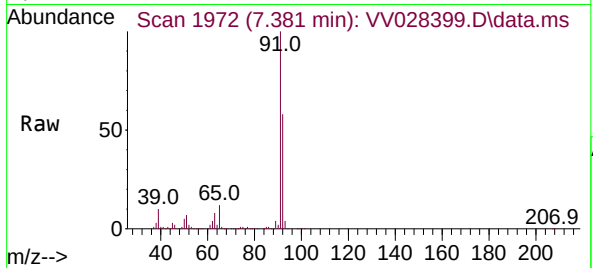




#42
Toluene
Concen: 104.154 ug/L
RT: 7.381 min Scan# 1972
Delta R.T. 0.000 min
Lab File: VV028399.D
Acq: 07 Oct 2022 11:28

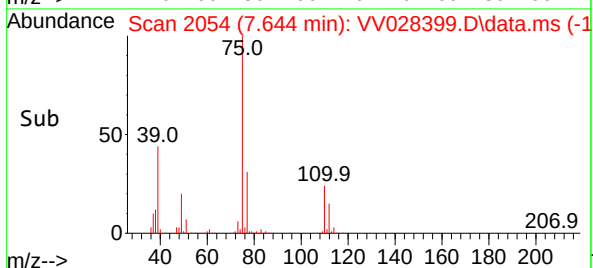
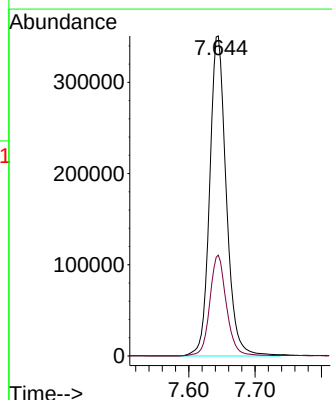
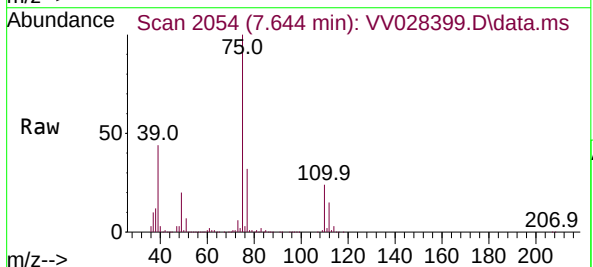
Instrument :
MSVOA_V
ClientSampleId :
VSTD100267

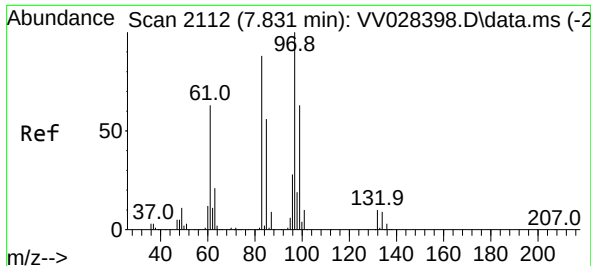
Tgt Ion: 91 Resp: 1477013
Ion Ratio Lower Upper
91 100
92 58.4 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 118.509 ug/L
RT: 7.644 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VV028399.D
Acq: 07 Oct 2022 11:28

Tgt Ion: 75 Resp: 610929
Ion Ratio Lower Upper
75 100
77 31.5 21.8 40.4

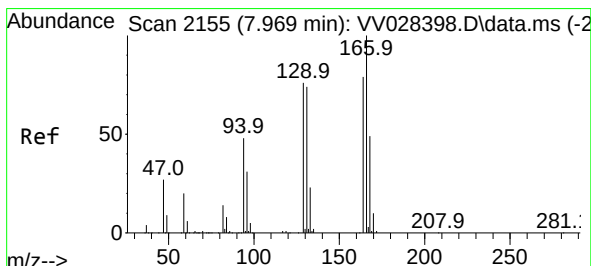
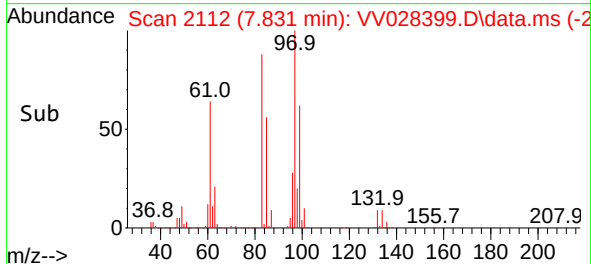
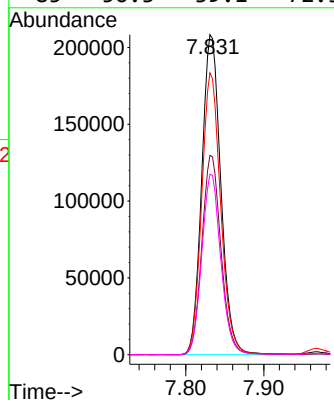
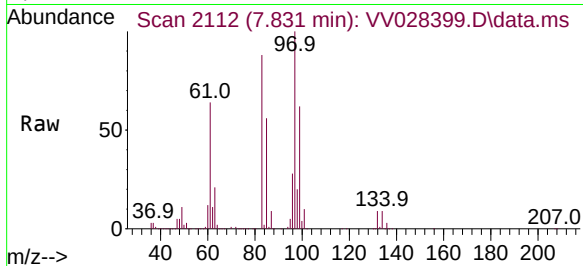




#45
1,1,2-Trichloroethane
Concen: 93.052 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VV028399.D
Acq: 07 Oct 2022 11:28

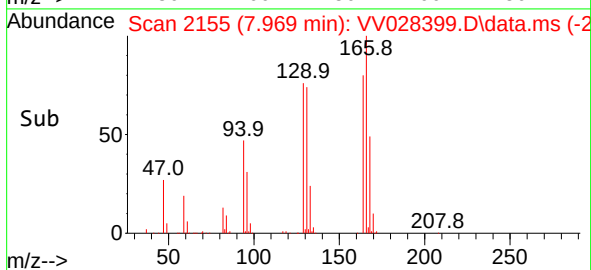
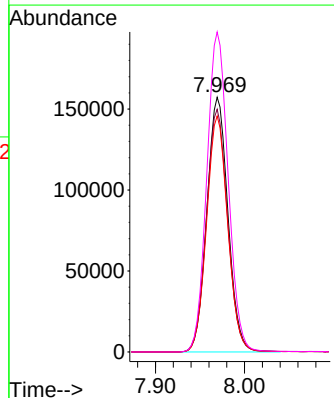
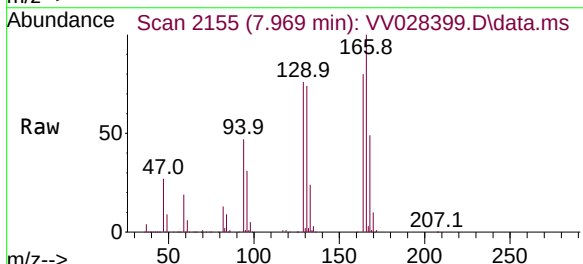
Instrument :
MSVOA_V
ClientSampleId :
VSTD100267

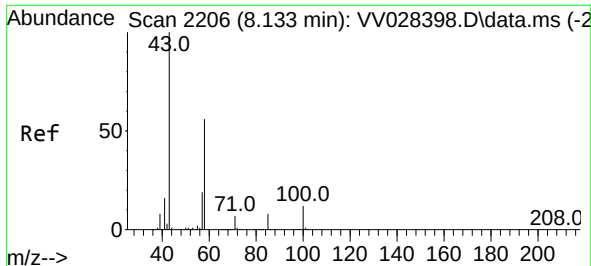
Tgt Ion:	97	Resp:	354939
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.9	81.5
83	88.1	61.9	114.9
85	56.3	39.1	72.5



#46
Tetrachloroethene
Concen: 93.544 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV028399.D
Acq: 07 Oct 2022 11:28

Tgt Ion:	164	Resp:	258501
Ion	Ratio	Lower	Upper
164	100		
129	95.3	67.4	125.2
131	92.7	65.2	121.2
166	125.6	88.5	164.4

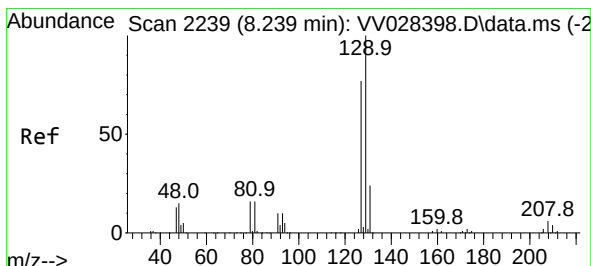
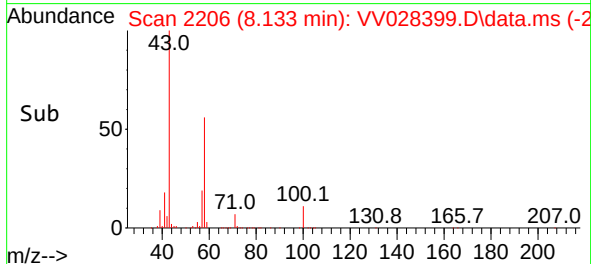
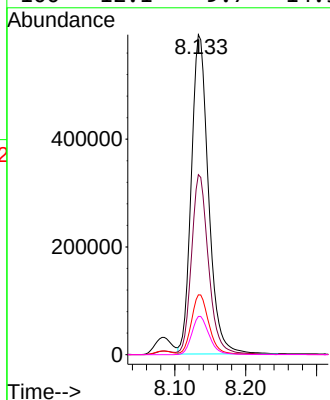
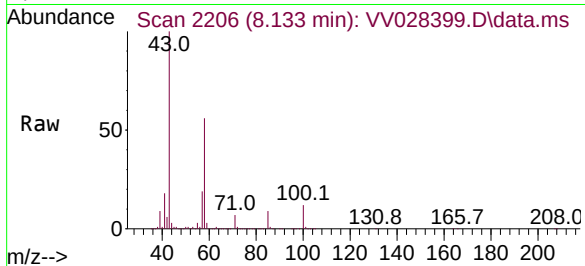




#48
2-Hexanone
Concen: 276.604 ug/L
RT: 8.133 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VV028399.D
Acq: 07 Oct 2022 11:28

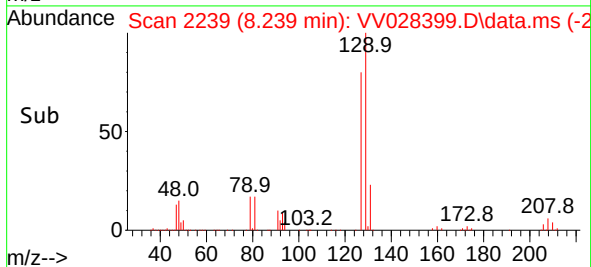
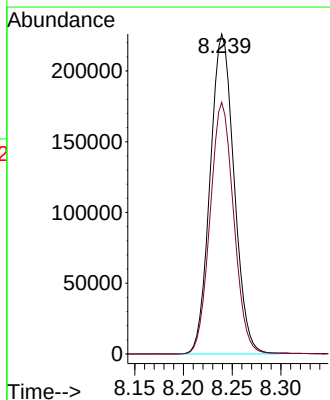
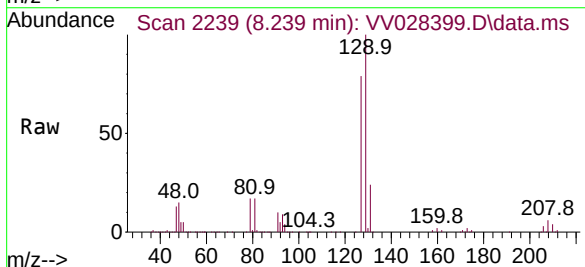
Instrument :
MSVOA_V
ClientSampleId :
VSTD100267

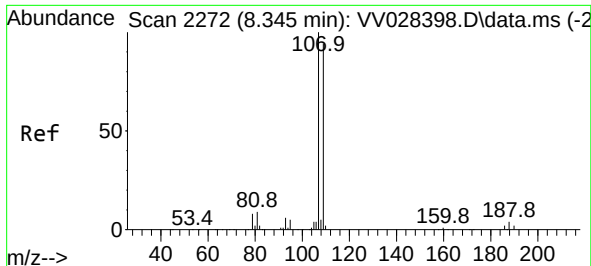
Tgt Ion: 43 Resp: 996908
Ion Ratio Lower Upper
43 100
58 55.6 43.9 65.9
57 18.9 15.1 22.7
100 12.1 9.7 14.5



#49
Dibromochloromethane
Concen: 96.177 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VV028399.D
Acq: 07 Oct 2022 11:28

Tgt Ion: 129 Resp: 387114
Ion Ratio Lower Upper
129 100
127 78.6 53.6 99.6





#50

1,2-Dibromoethane

Concen: 93.998 ug/L

RT: 8.345 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV028399.D

Acq: 07 Oct 2022 11:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD100267

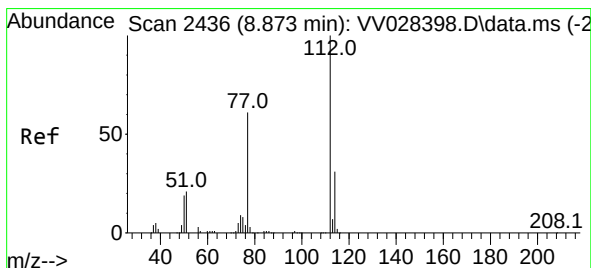
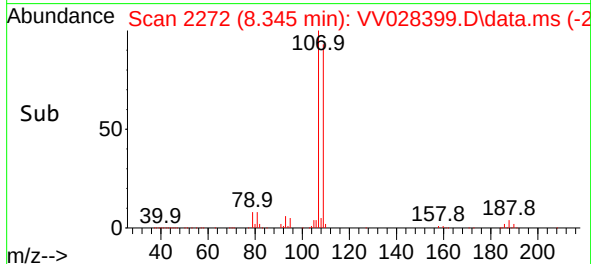
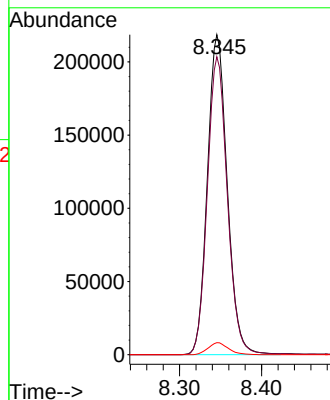
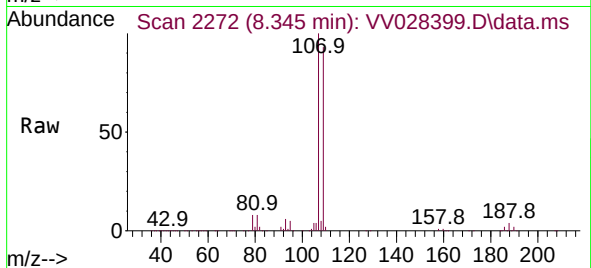
Tgt Ion:107 Resp: 368382

Ion Ratio Lower Upper

107 100

109 93.1 65.9 122.5

188 3.9 3.0 4.4



#51

Chlorobenzene

Concen: 94.001 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. 0.000 min

Lab File: VV028399.D

Acq: 07 Oct 2022 11:28

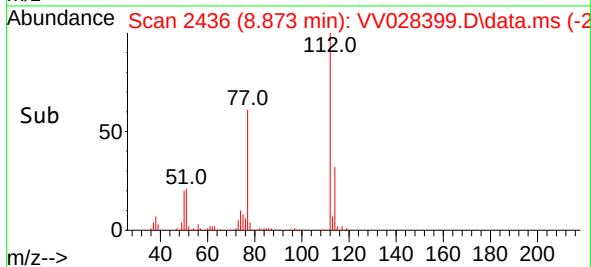
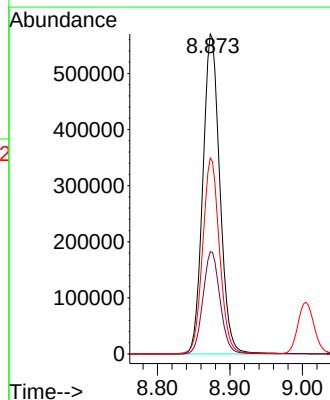
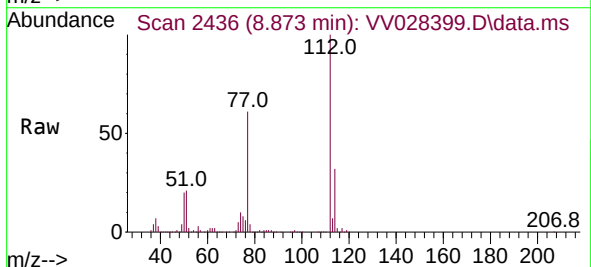
Tgt Ion:112 Resp: 926281

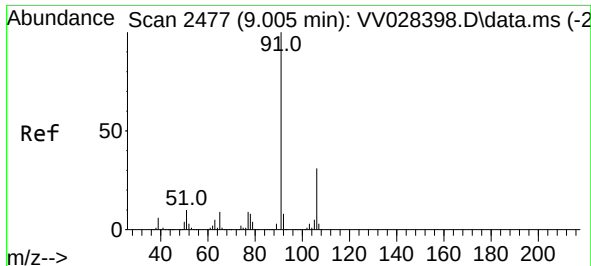
Ion Ratio Lower Upper

112 100

114 31.9 21.7 40.3

77 61.3 48.7 73.1





#52

Ethylbenzene

Concen: 108.948 ug/L

RT: 9.005 min Scan# 2477

Delta R.T. 0.000 min

Lab File: VV028399.D

Acq: 07 Oct 2022 11:28

Instrument :

MSVOA_V

ClientSampleId :

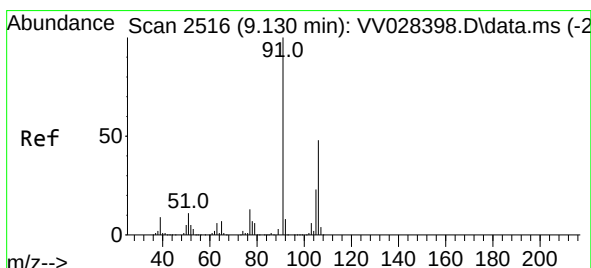
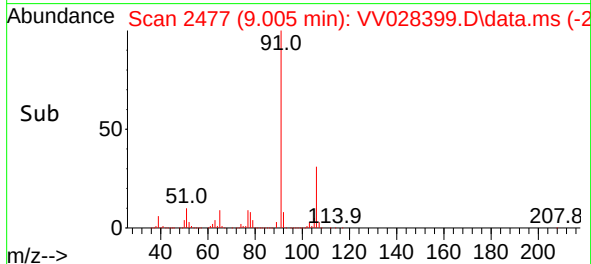
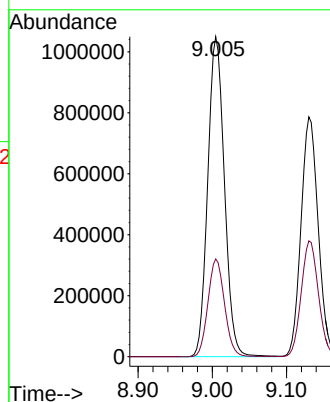
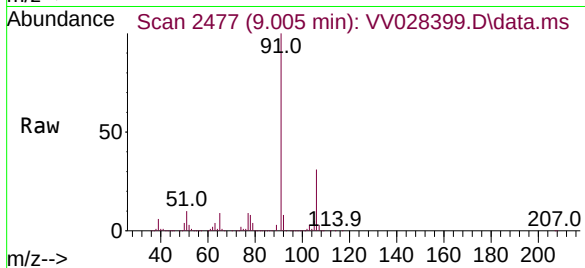
VSTD100267

Tgt Ion: 91 Resp: 1631079

Ion Ratio Lower Upper

91 100

106 30.6 21.4 39.8



#53

m,p-Xylene

Concen: 106.184 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. 0.000 min

Lab File: VV028399.D

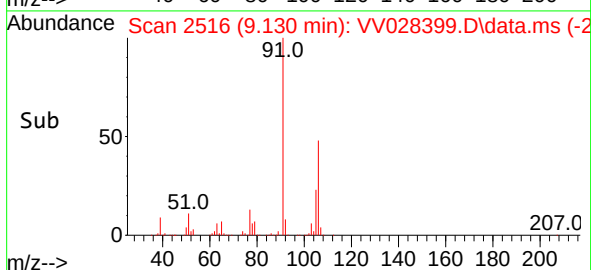
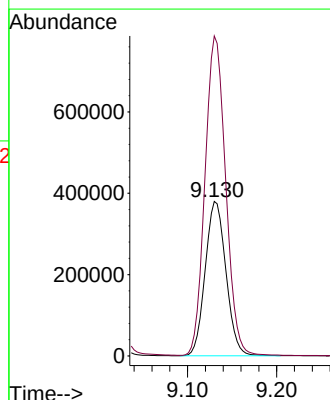
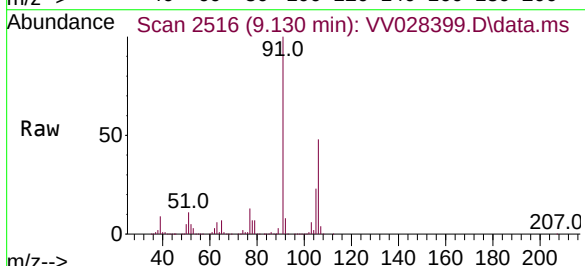
Acq: 07 Oct 2022 11:28

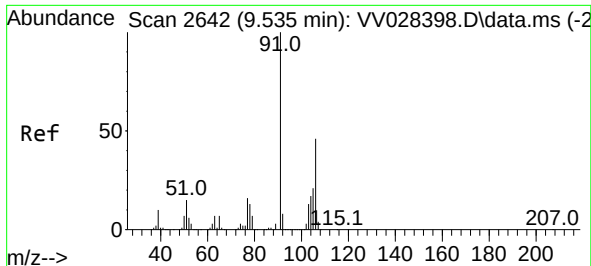
Tgt Ion:106 Resp: 613236

Ion Ratio Lower Upper

106 100

91 207.1 145.2 269.6

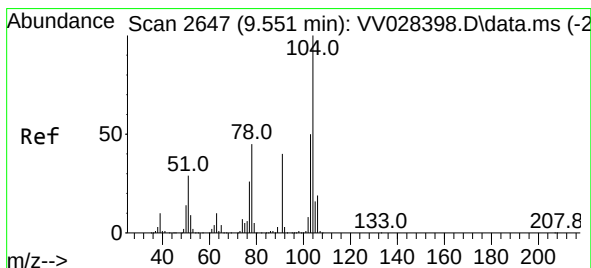
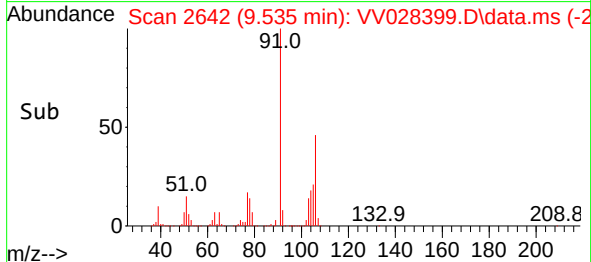
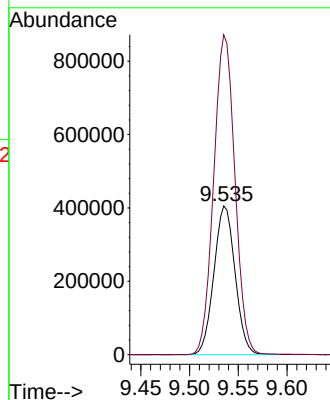
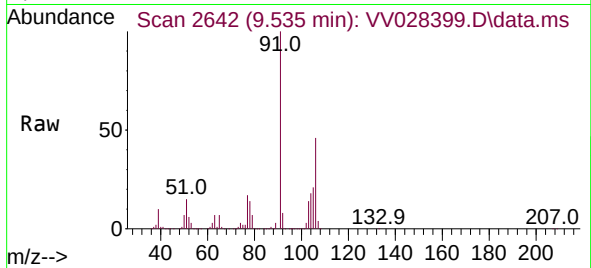




#54
o-Xylene
Concen: 108.260 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV028399.D
Acq: 07 Oct 2022 11:28

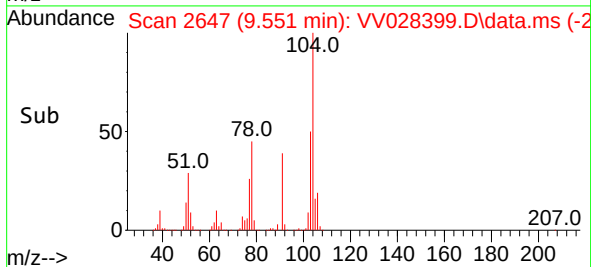
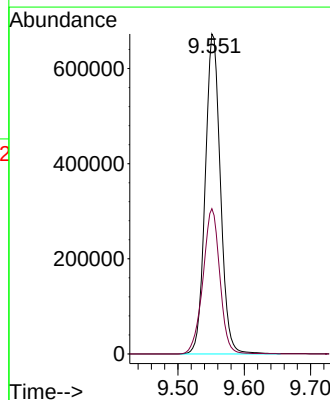
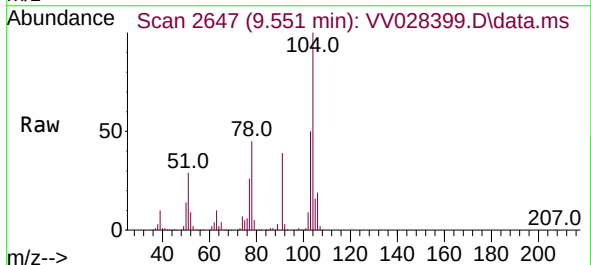
Instrument :
MSVOA_V
ClientSampleId :
VSTD100267

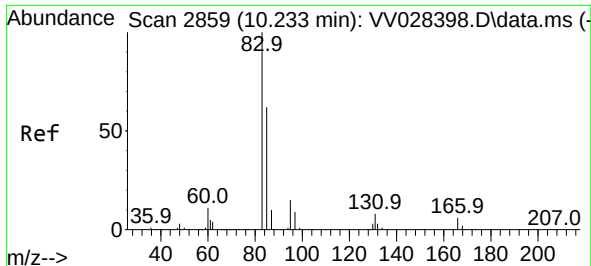
Tgt Ion:106 Resp: 611646
Ion Ratio Lower Upper
106 100
91 215.1 152.5 283.3



#55
Styrene
Concen: 109.407 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.000 min
Lab File: VV028399.D
Acq: 07 Oct 2022 11:28

Tgt Ion:104 Resp: 1070434
Ion Ratio Lower Upper
104 100
78 45.4 31.9 59.2





#57

1,1,2-Tetrachloroethane

Concen: 96.470 ug/L

RT: 10.233 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV028399.D

Acq: 07 Oct 2022 11:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD100267

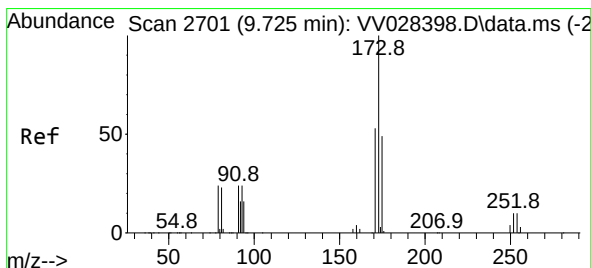
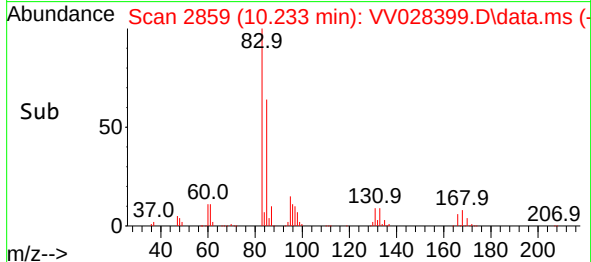
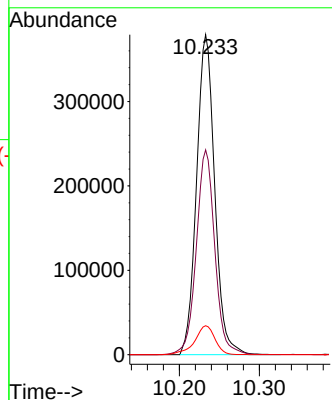
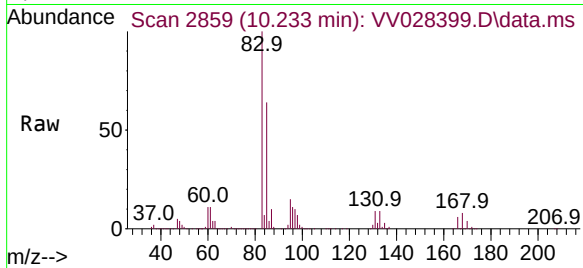
Tgt Ion: 83 Resp: 599040

Ion Ratio Lower Upper

83 100

85 64.0 44.8 83.2

131 9.0 7.2 10.8



#59

Bromoform

Concen: 107.372 ug/L

RT: 9.722 min Scan# 2700

Delta R.T. -0.003 min

Lab File: VV028399.D

Acq: 07 Oct 2022 11:28

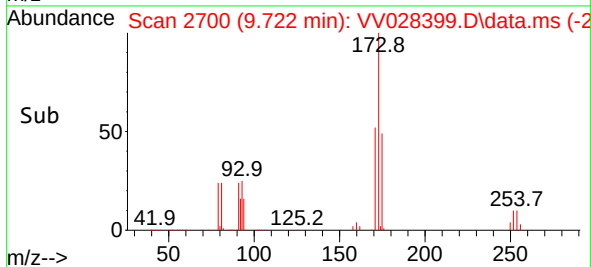
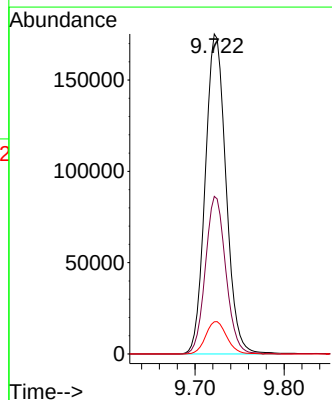
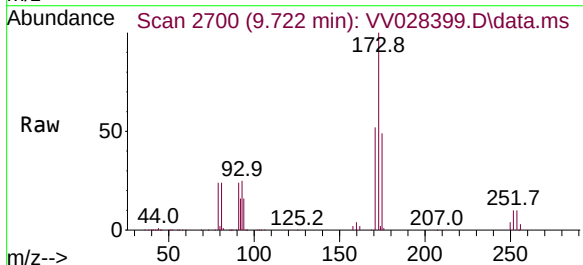
Tgt Ion: 173 Resp: 283675

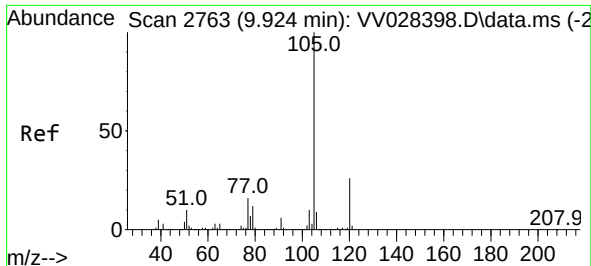
Ion Ratio Lower Upper

173 100

175 48.4 38.6 57.8

254 10.3 8.4 12.6

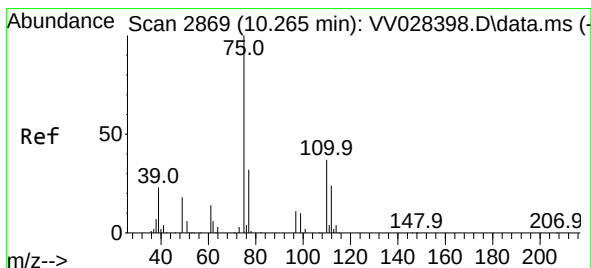
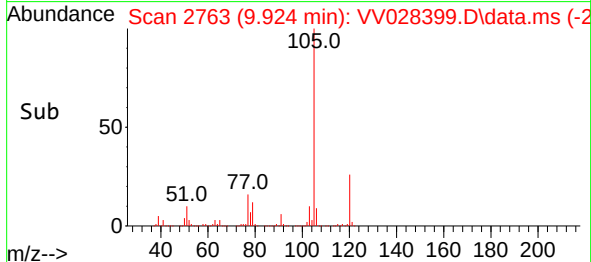
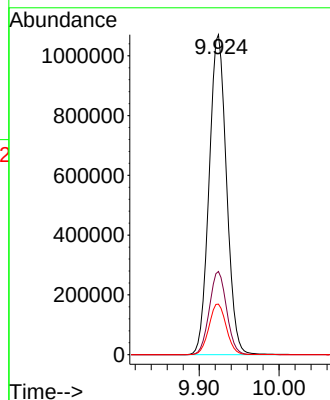
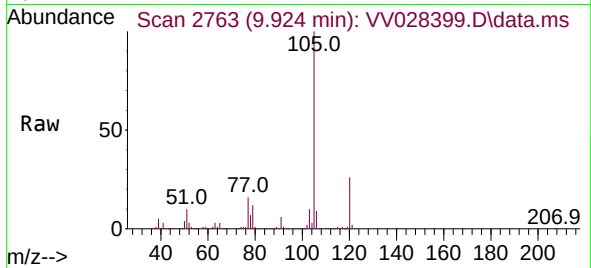




#60
Isopropylbenzene
Concen: 115.012 ug/L
RT: 9.924 min Scan# 2763
Delta R.T. 0.000 min
Lab File: VV028399.D
Acq: 07 Oct 2022 11:28

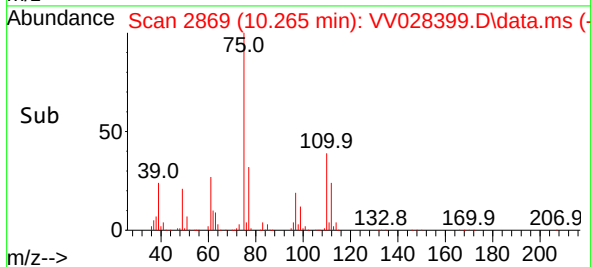
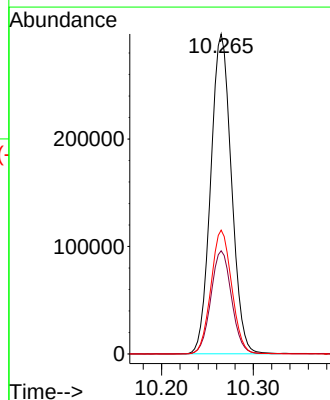
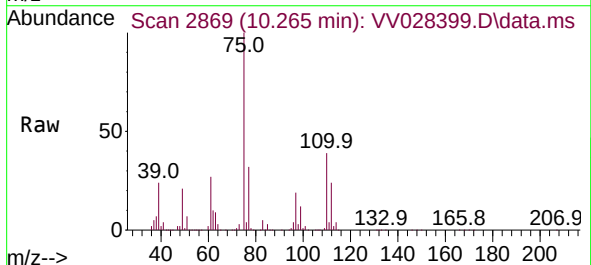
Instrument :
MSVOA_V
ClientSampleId :
VSTD100267

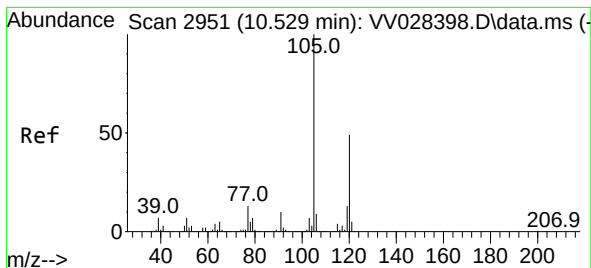
Tgt Ion:105 Resp: 1619023
Ion Ratio Lower Upper
105 100
120 25.9 20.5 30.7
77 15.8 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 99.885 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV028399.D
Acq: 07 Oct 2022 11:28

Tgt Ion: 75 Resp: 467224
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5
110 38.9 30.0 45.0





#62

1,3,5-Trimethylbenzene

Concen: 121.150 ug/L

RT: 10.529 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VV028399.D

Acq: 07 Oct 2022 11:28

Instrument :

MSVOA_V

ClientSampleId :

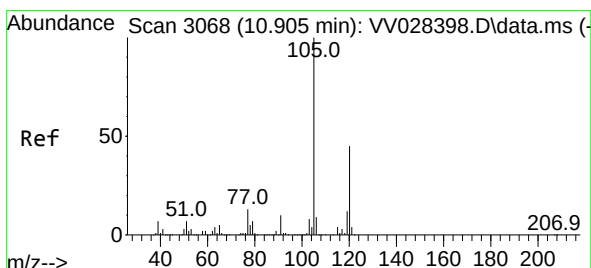
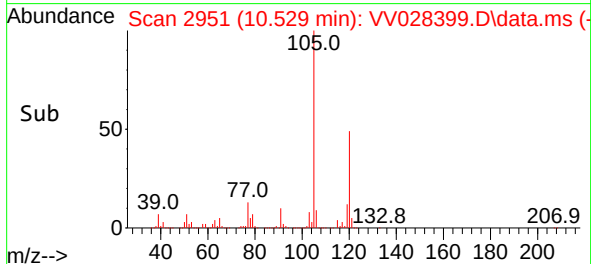
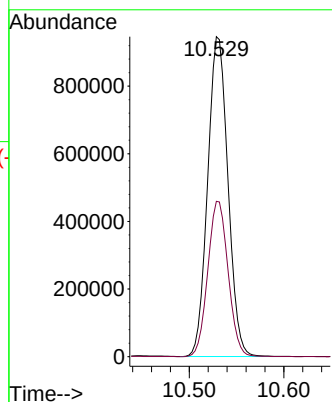
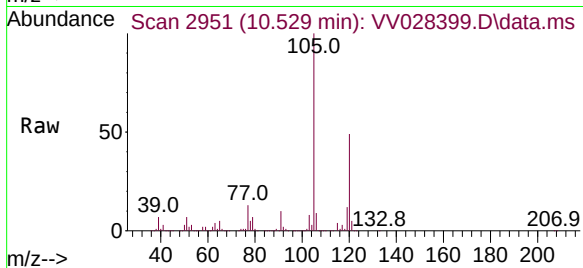
VSTD100267

Tgt Ion:105 Resp: 1409813

Ion Ratio Lower Upper

105 100

120 48.7 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 121.136 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. 0.000 min

Lab File: VV028399.D

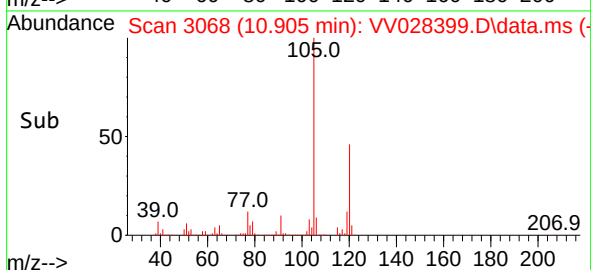
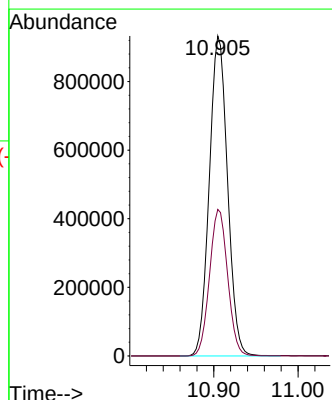
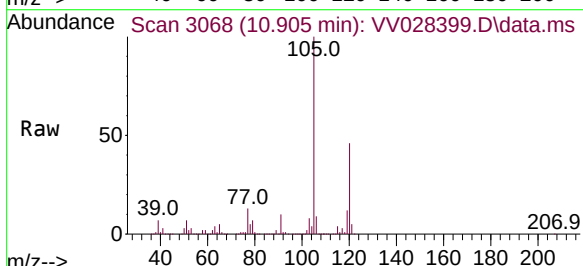
Acq: 07 Oct 2022 11:28

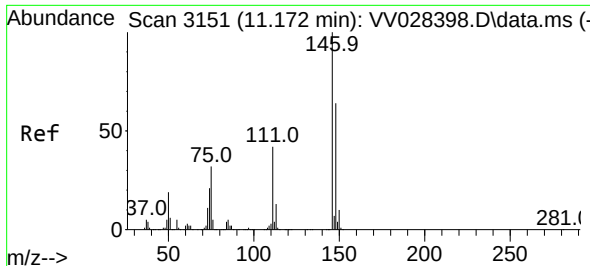
Tgt Ion:105 Resp: 1403343

Ion Ratio Lower Upper

105 100

120 45.4 35.9 53.9

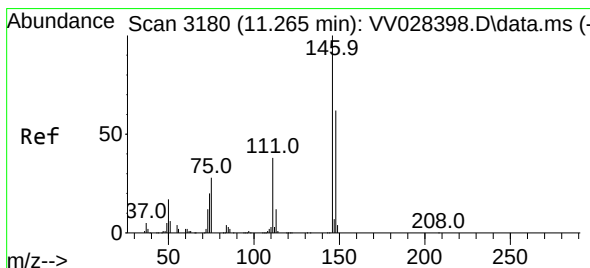
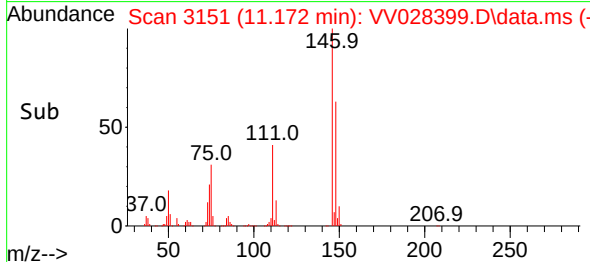
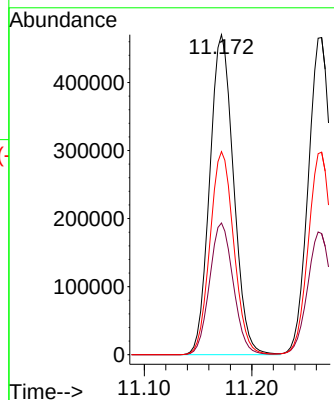
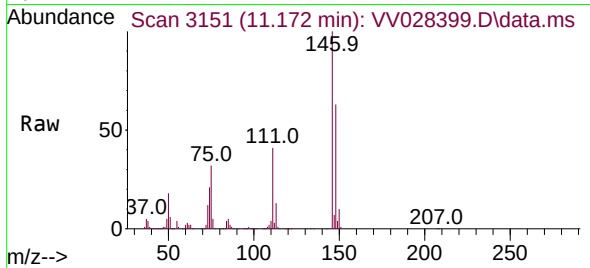




#64
 1,3-Dichlorobenzene
 Concen: 103.702 ug/L
 RT: 11.172 min Scan# 3151
 Delta R.T. 0.000 min
 Lab File: VV028399.D
 Acq: 07 Oct 2022 11:28

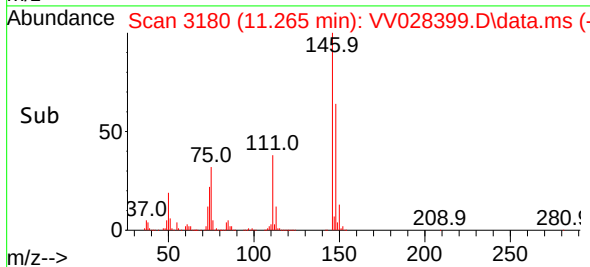
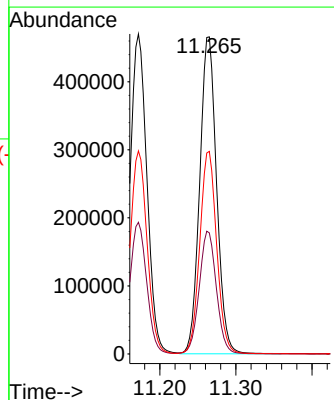
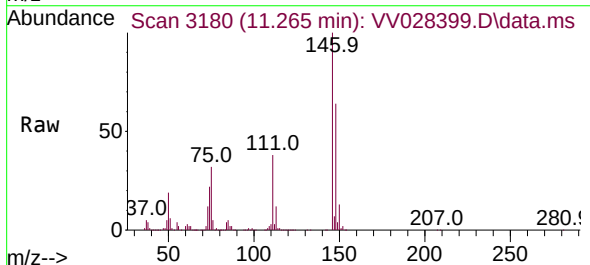
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100267

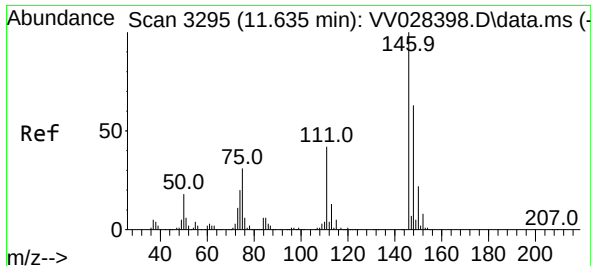
Tgt Ion:146 Resp: 723862
 Ion Ratio Lower Upper
 146 100
 111 41.2 29.0 53.9
 148 63.4 44.6 82.8



#65
 1,4-Dichlorobenzene
 Concen: 97.930 ug/L
 RT: 11.265 min Scan# 3180
 Delta R.T. 0.000 min
 Lab File: VV028399.D
 Acq: 07 Oct 2022 11:28

Tgt Ion:146 Resp: 720454
 Ion Ratio Lower Upper
 146 100
 111 38.2 26.6 49.4
 148 63.9 43.4 80.6

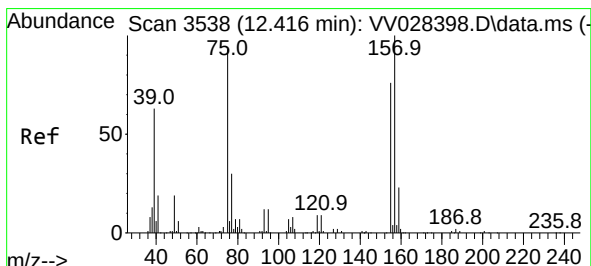
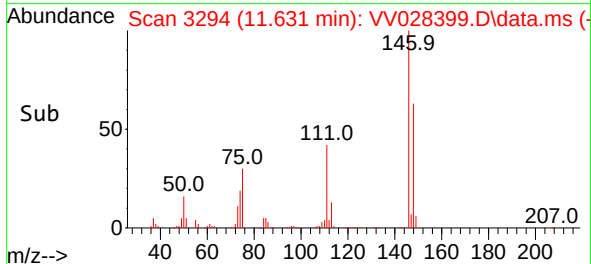
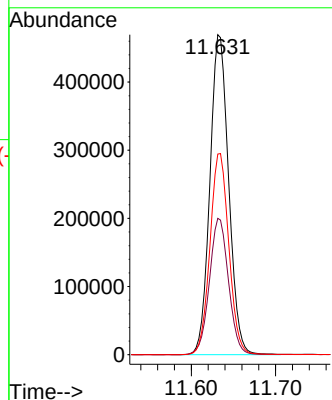
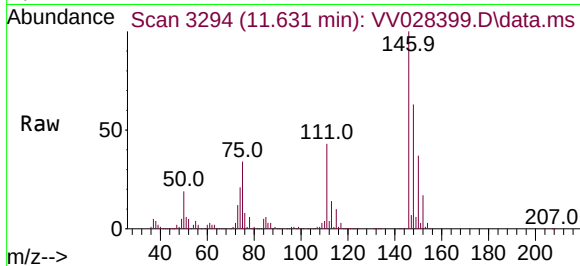




#67
1,2-Dichlorobenzene
Concen: 101.444 ug/L
RT: 11.631 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV028399.D
Acq: 07 Oct 2022 11:28

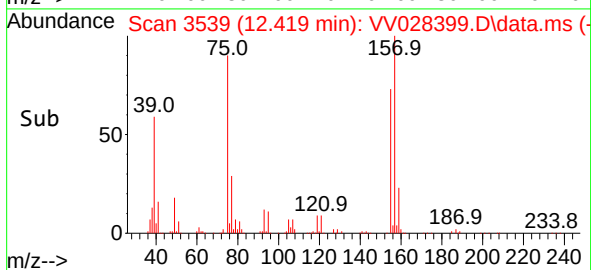
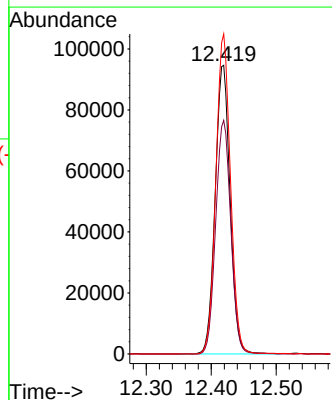
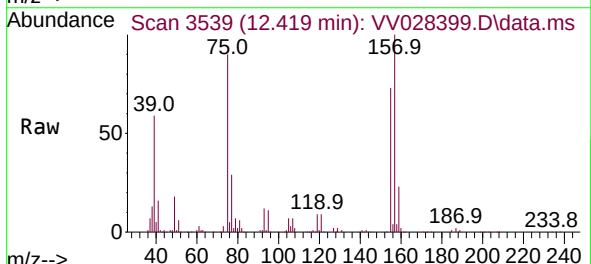
Instrument :
MSVOA_V
ClientSampleId :
VSTD100267

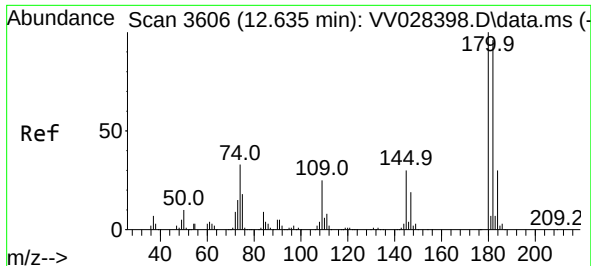
Tgt Ion:146 Resp: 725668
Ion Ratio Lower Upper
146 100
111 42.6 33.9 50.9
148 62.7 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 117.130 ug/L
RT: 12.419 min Scan# 3539
Delta R.T. 0.003 min
Lab File: VV028399.D
Acq: 07 Oct 2022 11:28

Tgt Ion: 75 Resp: 150887
Ion Ratio Lower Upper
75 100
155 81.0 65.0 97.6
157 110.9 86.0 129.0



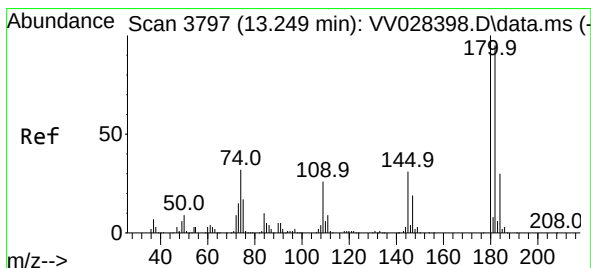
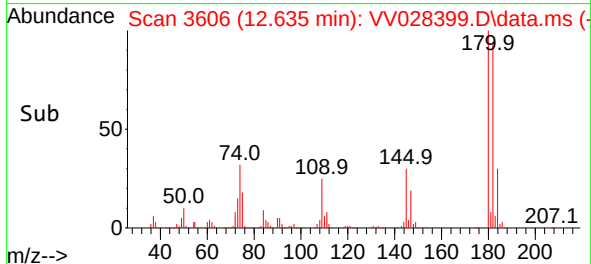
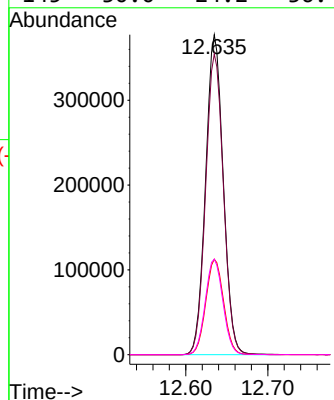
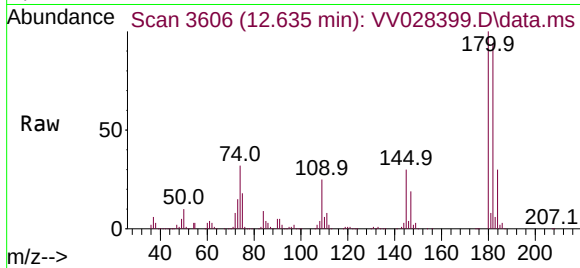


#69
 1,3,5-Trichlorobenzene
 Concen: 111.441 ug/L
 RT: 12.635 min Scan# 3606
 Delta R.T. 0.000 min
 Lab File: VV028399.D
 Acq: 07 Oct 2022 11:28

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100267

Tgt Ion:180 Resp: 563320

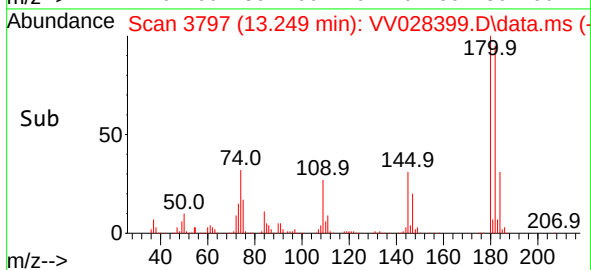
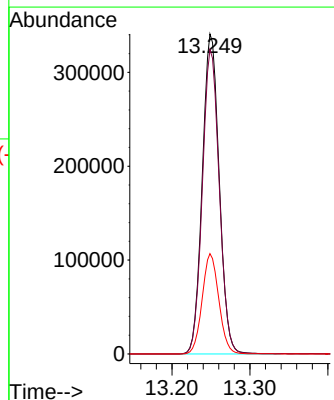
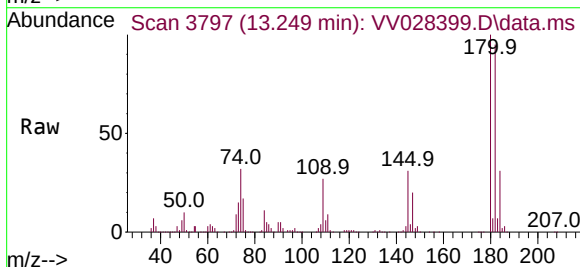
Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.9	113.9
184	30.1	24.0	36.0
145	30.0	24.2	36.4

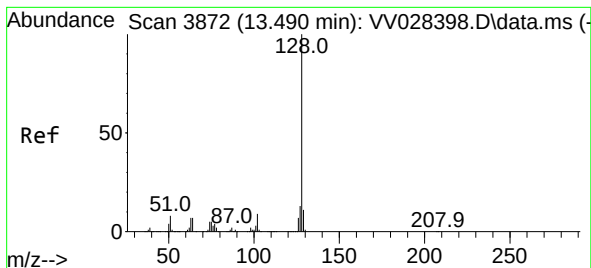


#70
 1,2,4-trichlorobenzene
 Concen: 118.392 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. 0.000 min
 Lab File: VV028399.D
 Acq: 07 Oct 2022 11:28

Tgt Ion:180 Resp: 514305

Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.3	112.9
145	30.8	24.3	36.5





#71

Naphthalene

Concen: 122.162 ug/L

RT: 13.490 min Scan# 3872

Delta R.T. 0.000 min

Lab File: VV028399.D

Acq: 07 Oct 2022 11:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD100267

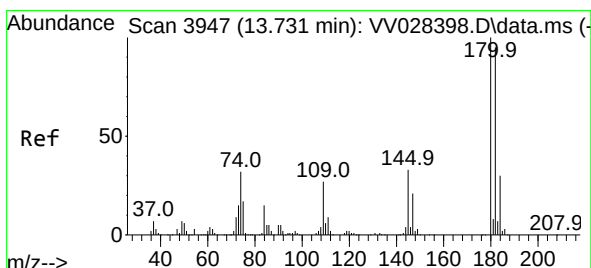
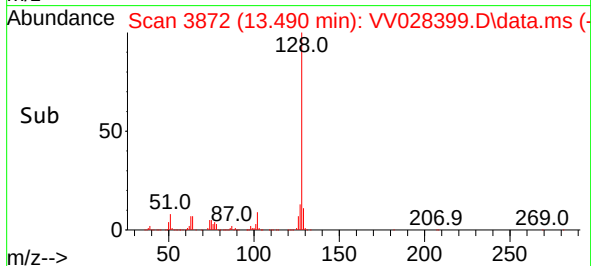
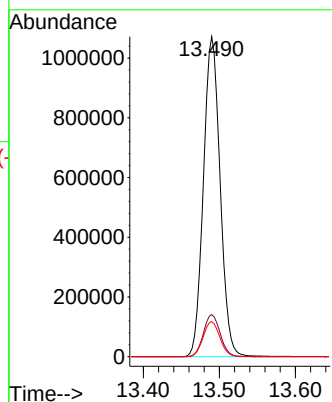
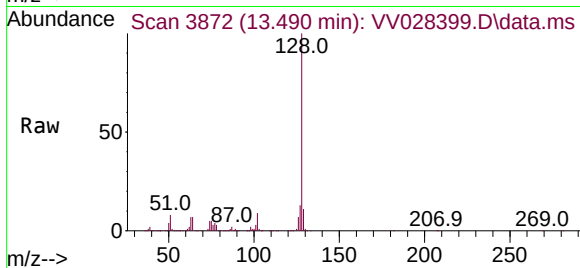
Tgt Ion:128 Resp: 1634656

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

129 11.0 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 112.792 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. 0.000 min

Lab File: VV028399.D

Acq: 07 Oct 2022 11:28

Tgt Ion:180 Resp: 496198

Ion Ratio Lower Upper

180 100

182 95.3 75.4 113.0

145 32.6 26.5 39.7

