

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120522\
 Data File : VW029394.D
 Acq On : 05 Dec 2022 10:00
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005376

Quant Time: Dec 05 23:30:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 02 21:17:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	234579	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	213344	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	111338	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	71990	4.987	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.800%
7) Chloroethane-d5	1.564	69	53612	5.073	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	2.105	63	110512	4.784	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.600%
20) 2-Butanone-d5	3.912	46	102061	42.262	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.520%
24) Chloroform-d	4.336	84	120514	4.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.024	65	50132	4.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.040	84	251761	4.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	6.059	67	72070	4.350	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.307	98	235964	4.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	7.616	79	28426	4.450	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.085	63	103563	45.482	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.960%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	49184	4.811	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	11.612	152	80085	4.117	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	78895	4.508	ug/L	99
3) Chloromethane	1.236	50	86190	5.375	ug/L	99
5) Vinyl chloride	1.307	62	80491	5.037	ug/L	99
6) Bromomethane	1.516	94	36524	3.663	ug/L	96
8) Chloroethane	1.580	64	48624	5.120	ug/L	97
9) Trichlorofluoromethane	1.748	101	110994	4.962	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	65765	5.273	ug/L	95
12) 1,1-Dichloroethene	2.111	96	62658	5.195	ug/L	96
13) Acetone	2.198	43	86100	49.034	ug/L	79
14) Carbon disulfide	2.288	76	179331	5.117	ug/L	100
15) Methyl Acetate	2.439	43	24256	4.807	ug/L	93
16) Methylene chloride	2.500	84	80422	4.364	ug/L	96
17) Methyl tert-butyl Ether	2.764	73	160952	5.219	ug/L	99
18) trans-1,2-Dichloroethene	2.751	96	72746	5.255	ug/L	97
19) 1,1-Dichloroethane	3.178	63	135014	5.419	ug/L	96
21) 2-Butanone	3.989	43	140595	51.147	ug/L #	67
22) cis-1,2-Dichloroethene	3.902	96	83577	5.278	ug/L	91
23) Bromochloromethane	4.236	128	33233	5.240	ug/L	95
25) Chloroform	4.365	83	142116	5.463	ug/L	99

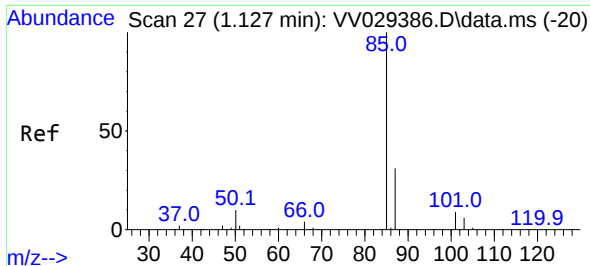
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120522\
 Data File : VV029394.D
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Time: Dec 05 23:30:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 02 21:17:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	69962	4.964	ug/L	99
29) 1,1,1-Trichloroethane	4.596	97	123623	5.038	ug/L	99
30) Cyclohexane	4.667	56	112738	4.648	ug/L	98
31) Carbon tetrachloride	4.818	117	106573	5.136	ug/L	98
33) Benzene	5.092	78	316719	4.964	ug/L	100
34) Trichloroethene	5.905	95	80099	4.921	ug/L	94
35) Methylcyclohexane	6.120	83	128160	4.664	ug/L	98
37) 1,2-Dichloropropane	6.165	63	75649	5.033	ug/L	99
38) Bromodichloromethane	6.500	83	102373	5.689	ug/L	98
39) cis-1,3-Dichloropropene	7.018	75	114102	5.193	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	367553	52.256	ug/L	98
42) Toluene	7.378	91	340976	4.979	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	91467	5.255	ug/L	98
45) 1,1,2-Trichloroethane	7.831	97	54388	5.344	ug/L	98
47) Tetrachloroethene	7.966	164	61853	4.635	ug/L	95
48) 2-Hexanone	8.136	43	259375	52.897	ug/L	97
49) Dibromochloromethane	8.236	129	67242	5.874	ug/L	100
50) 1,2-Dibromoethane	8.345	107	47991	5.405	ug/L	100
51) Chlorobenzene	8.873	112	220569	5.153	ug/L	99
52) Ethylbenzene	9.001	91	371622	5.205	ug/L	98
53) m,p-Xylene	9.130	106	143568	5.098	ug/L	98
54) o-Xylene	9.535	106	140326	5.072	ug/L	100
55) Styrene	9.551	104	246837	5.286	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	62377	5.924	ug/L	98
59) Bromoform	9.722	173	38098	6.513	ug/L	98
60) Isopropylbenzene	9.921	105	366218	5.087	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	42590	5.516	ug/L	96
62) 1,3,5-Trimethylbenzene	10.529	105	310584	4.983	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	315021	5.025	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	173813	5.176	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	171329	5.157	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	158453	5.121	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	9508	6.270	ug/L	93
69) 1,3,5-Trichlorobenzene	12.631	180	143416	5.183	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	118109	5.268	ug/L	99
71) Naphthalene	13.493	128	124553	6.417	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	97832	5.360	ug/L	100

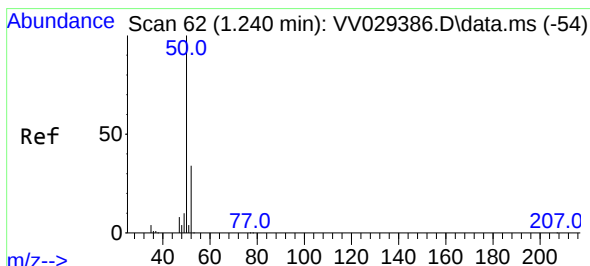
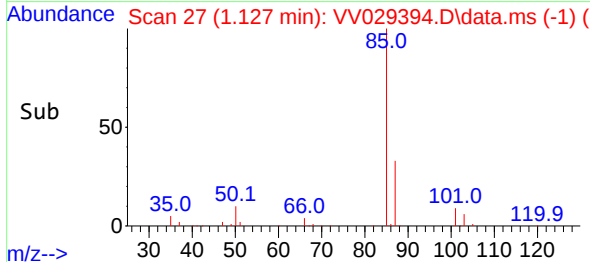
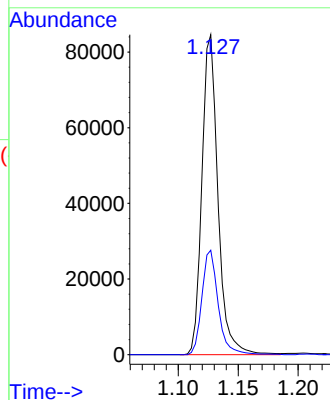
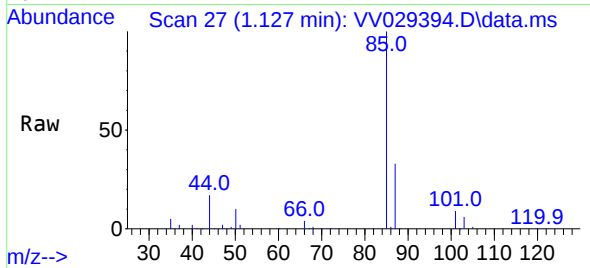
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.508 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029394.D
 Acq: 05 Dec 2022 10:00

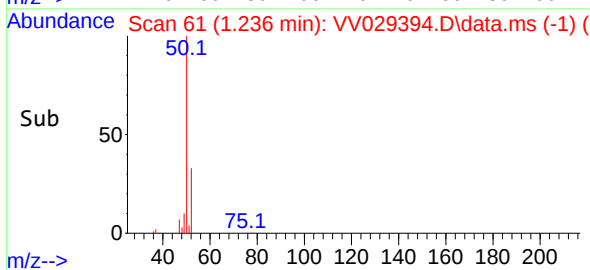
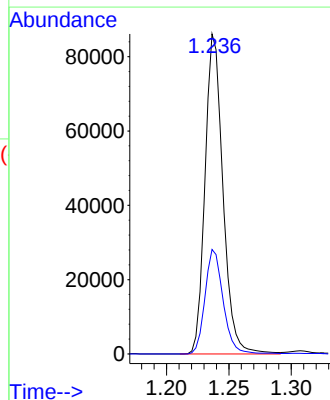
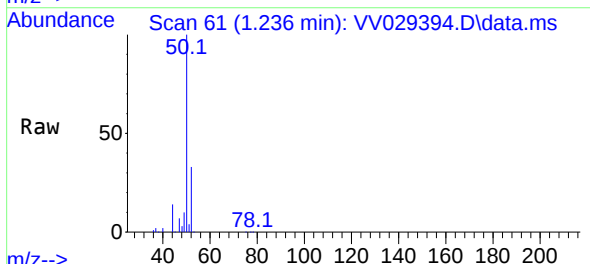
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005376

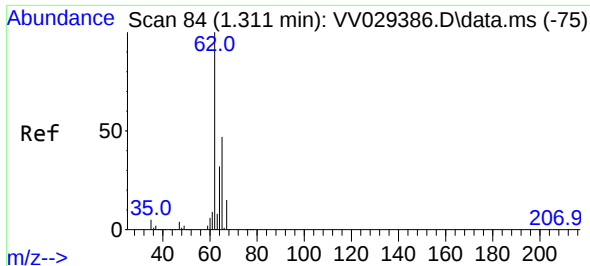
Tgt Ion: 85 Resp: 78895
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.2 39.4



#3
 Chloromethane
 Concen: 5.375 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV029394.D
 Acq: 05 Dec 2022 10:00

Tgt Ion: 50 Resp: 86190
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.2 43.2

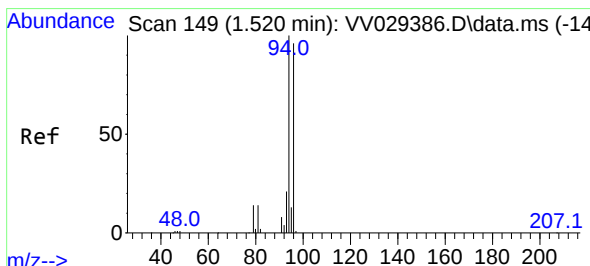
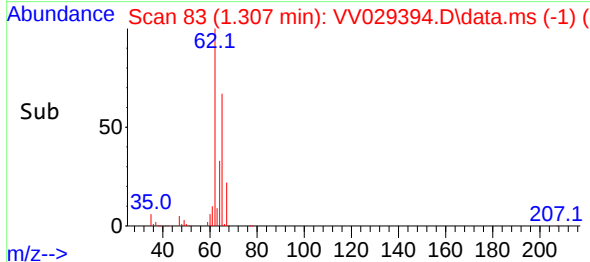
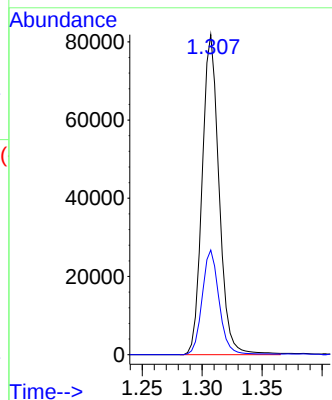
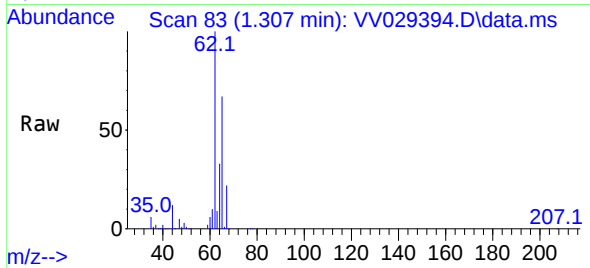




#5
 Vinyl chloride
 Concen: 5.037 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV029394.D
 Acq: 05 Dec 2022 10:00

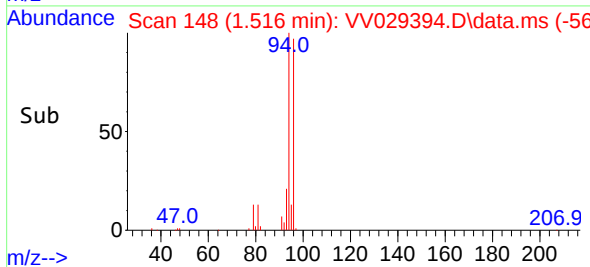
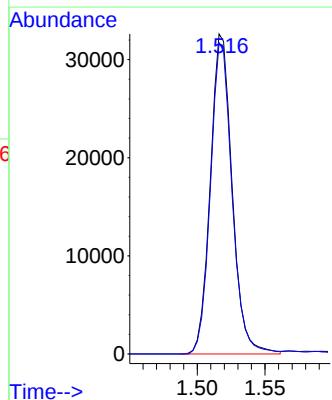
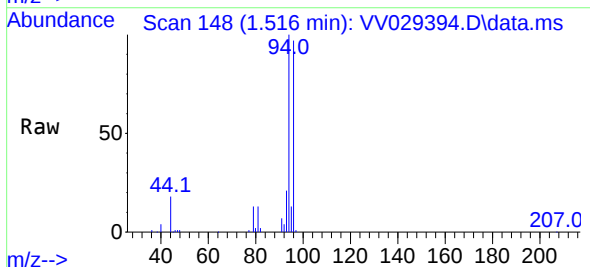
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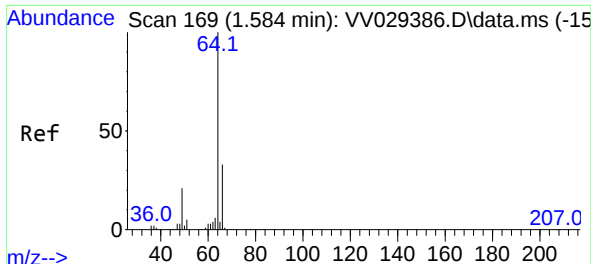
Tgt Ion: 62 Resp: 80491
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.4 43.4



#6
 Bromomethane
 Concen: 3.663 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.003 min
 Lab File: VV029394.D
 Acq: 05 Dec 2022 10:00

Tgt Ion: 94 Resp: 36524
 Ion Ratio Lower Upper
 94 100
 96 97.3 65.4 121.4

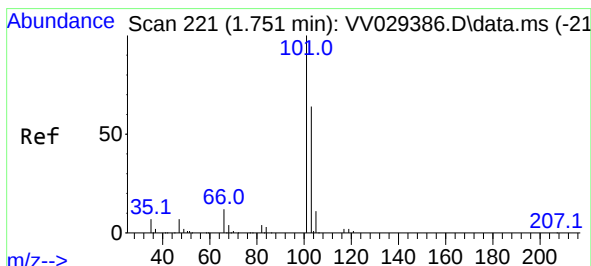
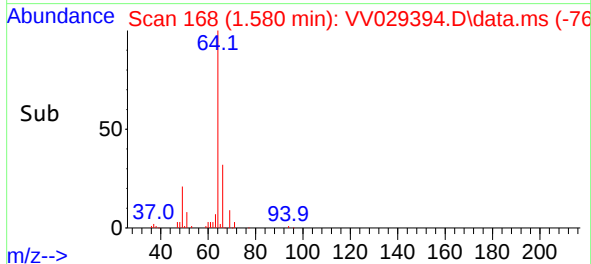
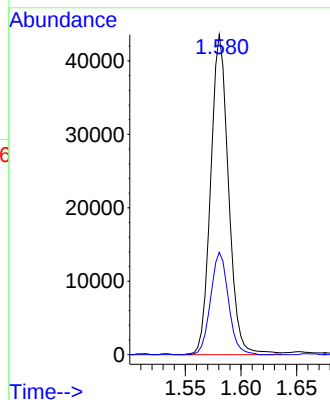
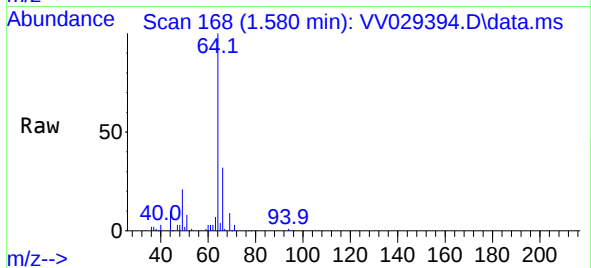




#8
Chloroethane
Concen: 5.120 ug/L
RT: 1.580 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV029394.D
Acq: 05 Dec 2022 10:00

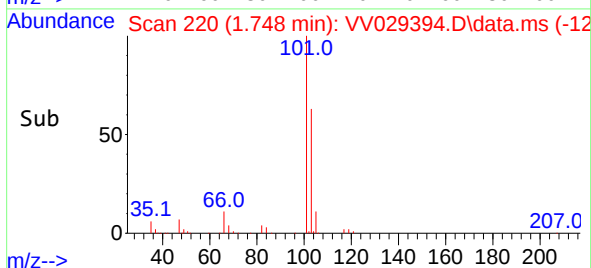
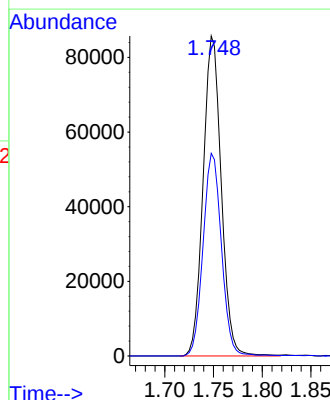
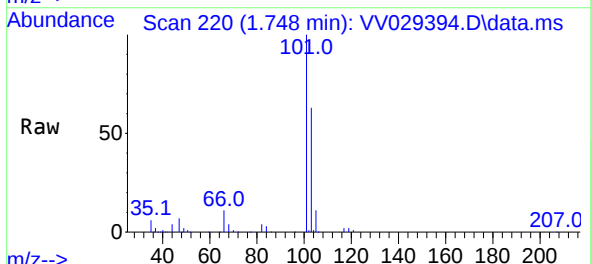
Instrument :
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ClientSampleId :
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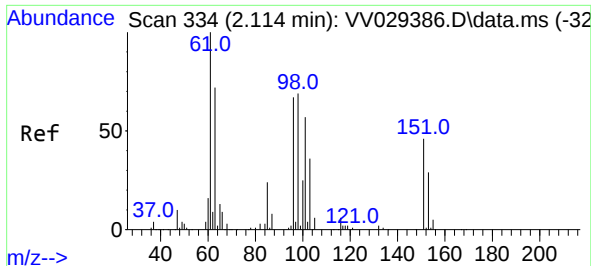
Tgt Ion: 64 Resp: 48624
Ion Ratio Lower Upper
64 100
66 32.0 23.5 43.7



#9
Trichlorofluoromethane
Concen: 4.962 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV029394.D
Acq: 05 Dec 2022 10:00

Tgt Ion:101 Resp: 110994
Ion Ratio Lower Upper
101 100
103 64.0 51.8 77.8

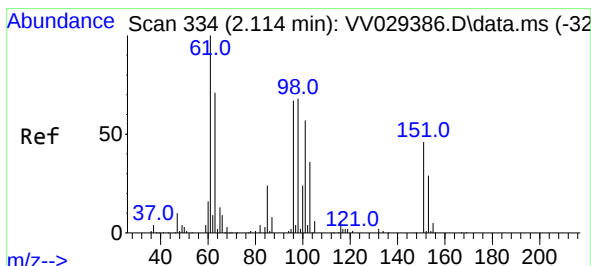
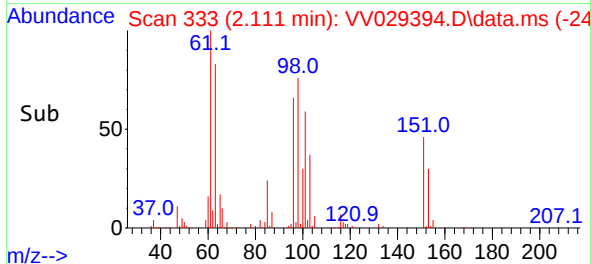
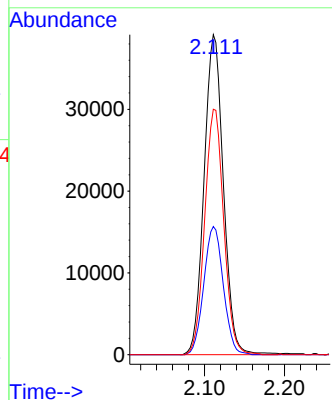
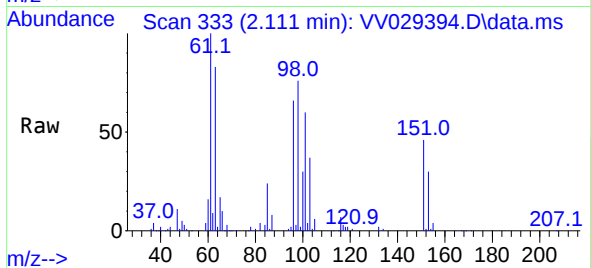




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.273 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV029394.D
Acq: 05 Dec 2022 10:00

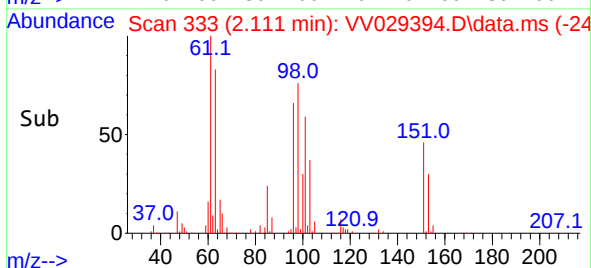
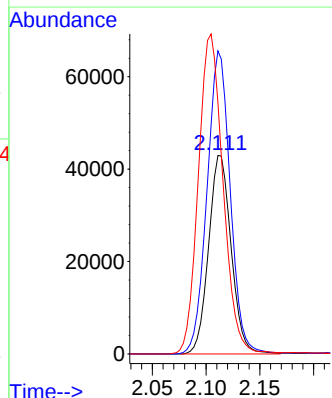
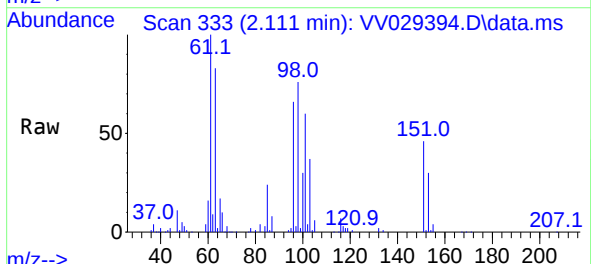
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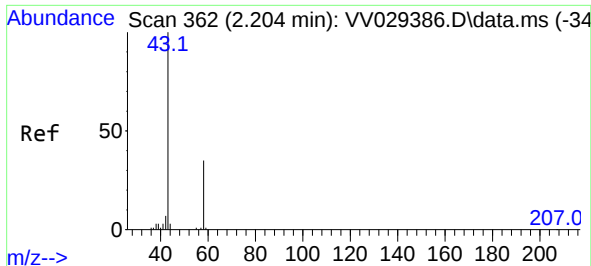
Tgt Ion:101 Resp: 65765
Ion Ratio Lower Upper
101 100
85 40.4 33.6 50.4
151 75.8 65.3 97.9



#12
1,1-Dichloroethene
Concen: 5.195 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV029394.D
Acq: 05 Dec 2022 10:00

Tgt Ion: 96 Resp: 62658
Ion Ratio Lower Upper
96 100
61 152.6 110.3 204.9
63 126.3 84.4 156.8

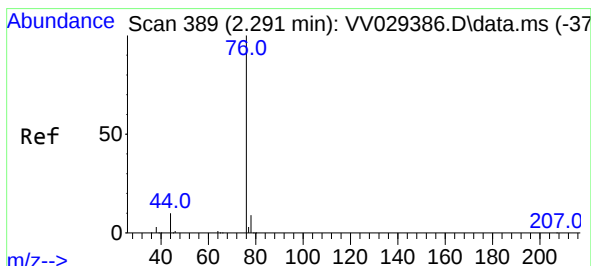
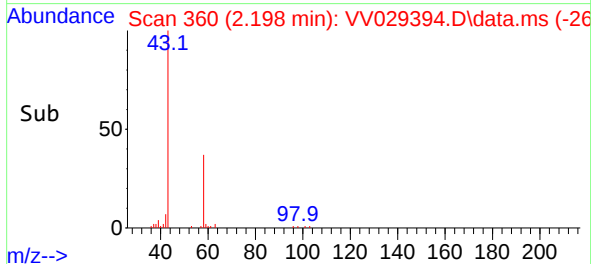
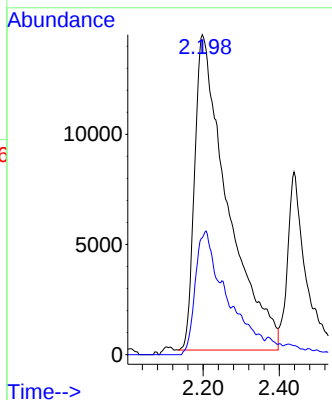
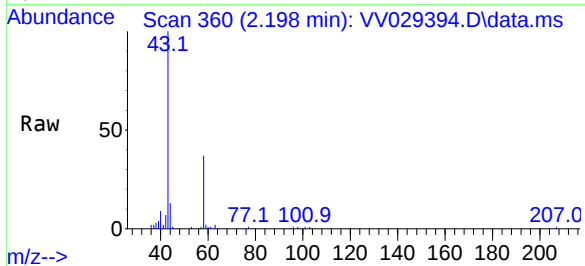




#13
Acetone
Concen: 49.034 ug/L
RT: 2.198 min Scan# 30
Delta R.T. -0.007 min
Lab File: VV029394.D
Acq: 05 Dec 2022 10:00

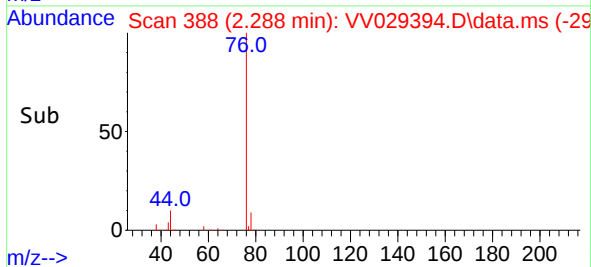
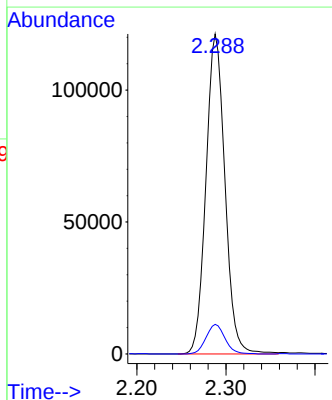
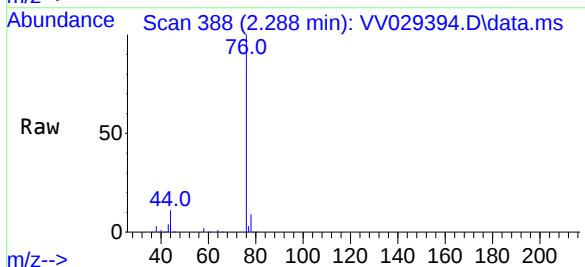
Instrument :
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ClientSampleId :
VSTD005376

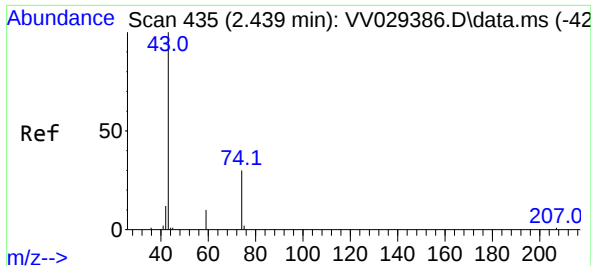
Tgt Ion: 43 Resp: 86100
Ion Ratio Lower Upper
43 100
58 23.2 0.0 70.8



#14
Carbon disulfide
Concen: 5.117 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.003 min
Lab File: VV029394.D
Acq: 05 Dec 2022 10:00

Tgt Ion: 76 Resp: 179331
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

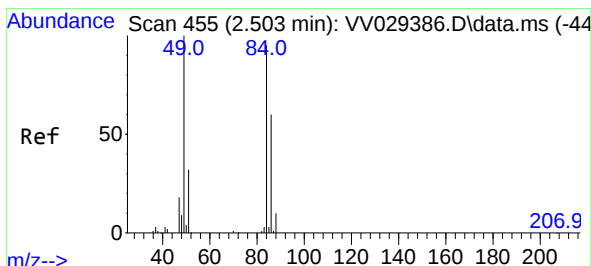
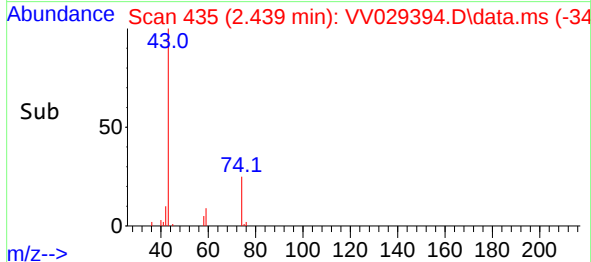
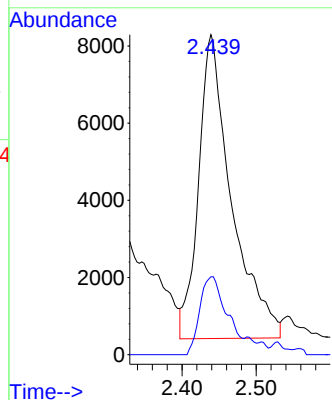
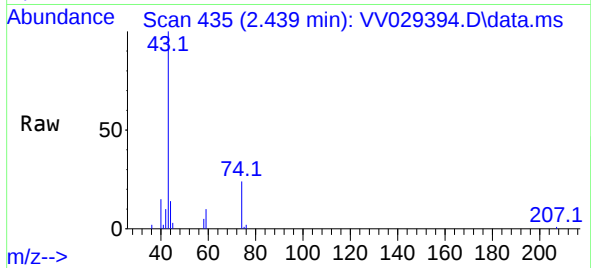




#15
Methyl Acetate
Concen: 4.807 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV029394.D
Acq: 05 Dec 2022 10:00

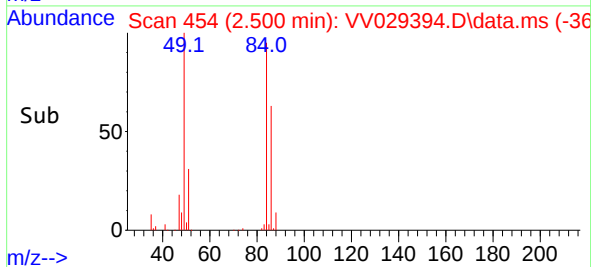
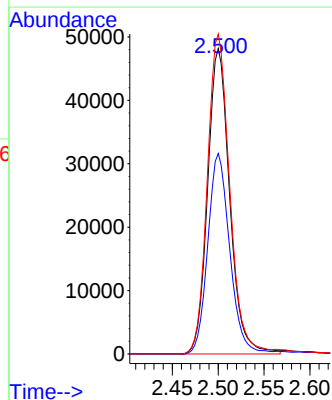
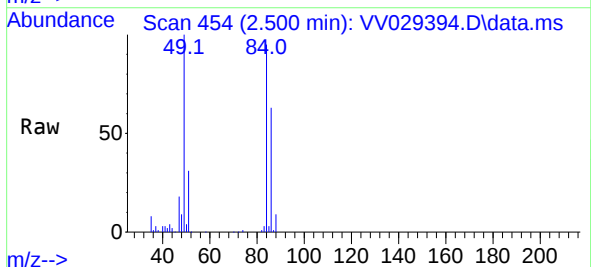
Instrument :
MSVOA_V
ClientSampleId :
VSTD005376

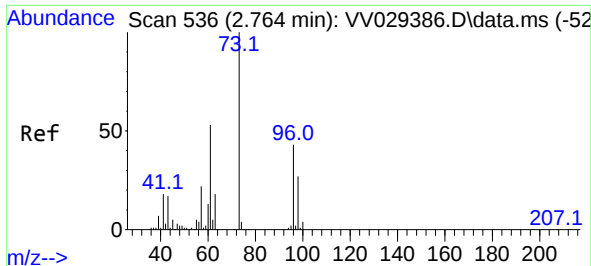
Tgt Ion: 43 Resp: 24256
Ion Ratio Lower Upper
43 100
74 21.2 19.6 29.4



#16
Methylene chloride
Concen: 4.364 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.003 min
Lab File: VV029394.D
Acq: 05 Dec 2022 10:00

Tgt Ion: 84 Resp: 80422
Ion Ratio Lower Upper
84 100
86 65.6 45.6 84.6
49 104.8 77.8 144.4

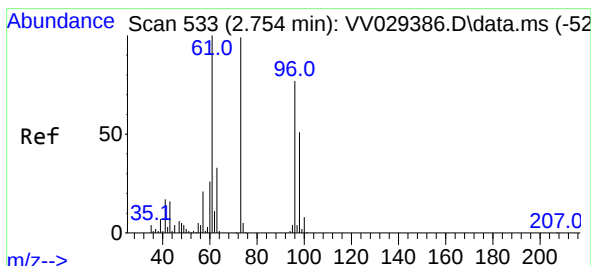
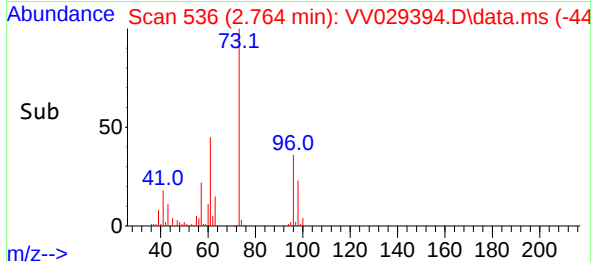
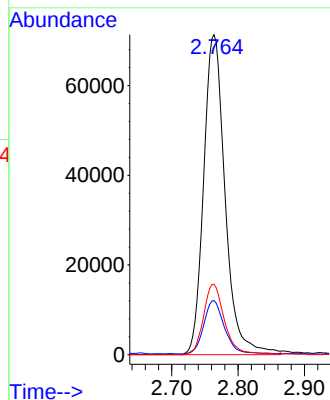
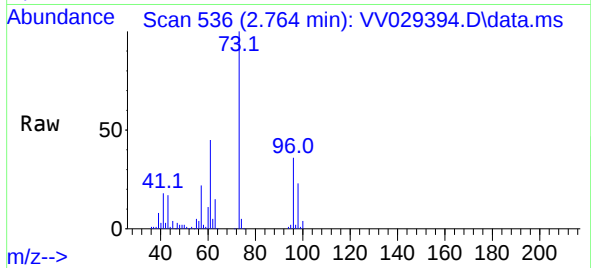




#17
Methyl tert-butyl Ether
Concen: 5.219 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV029394.D
Acq: 05 Dec 2022 10:00

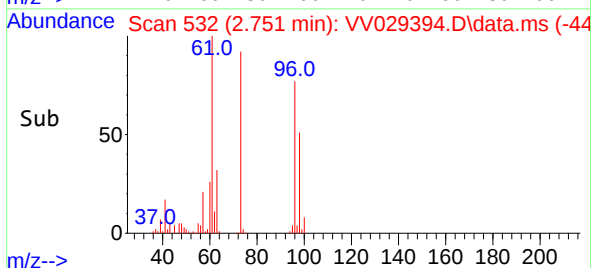
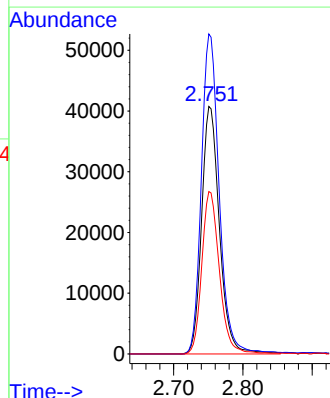
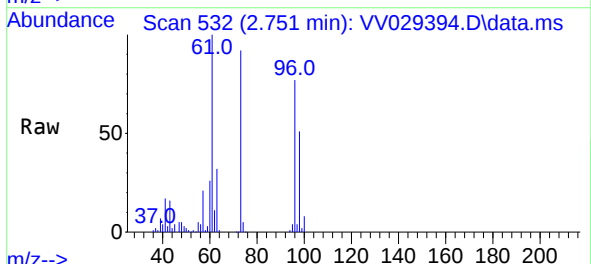
Instrument :
MSVOA_V
ClientSampleId :
VSTD005376

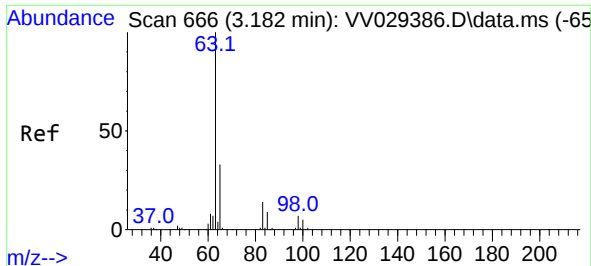
Tgt Ion: 73 Resp: 160952
Ion Ratio Lower Upper
73 100
43 15.9 13.2 19.8
57 21.6 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 5.255 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.003 min
Lab File: VV029394.D
Acq: 05 Dec 2022 10:00

Tgt Ion: 96 Resp: 72746
Ion Ratio Lower Upper
96 100
61 129.3 93.0 172.6
98 65.6 44.0 81.8

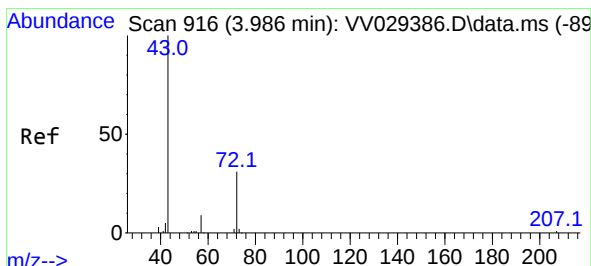
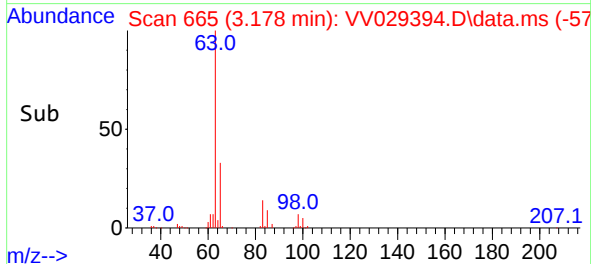
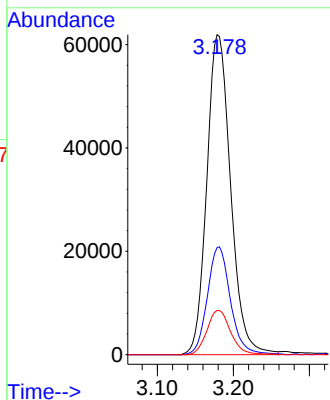
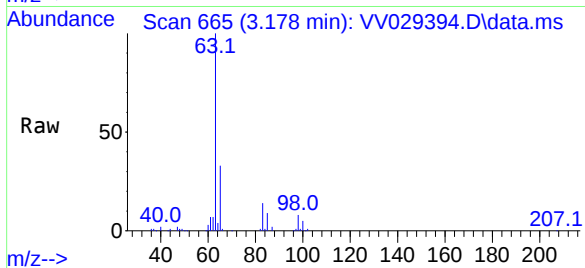




#19
1,1-Dichloroethane
Concen: 5.419 ug/L
RT: 3.178 min Scan# 6
Delta R.T. -0.003 min
Lab File: VV029394.D
Acq: 05 Dec 2022 10:00

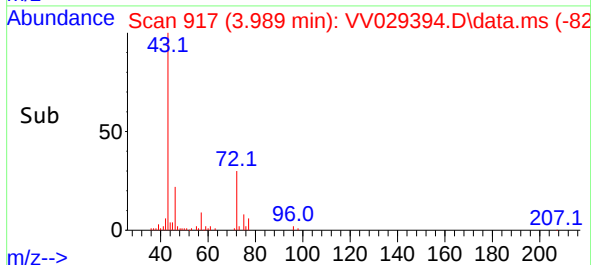
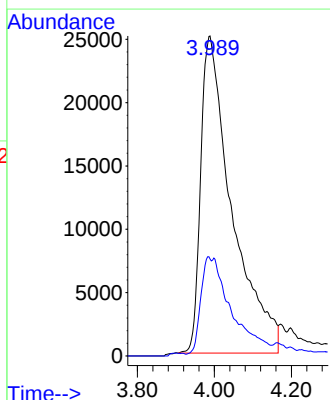
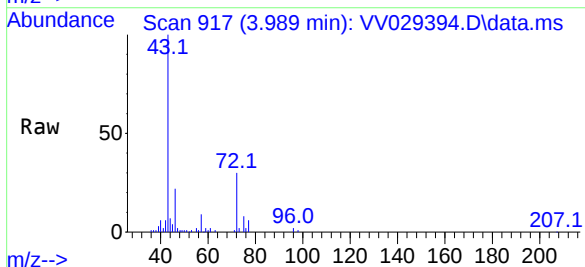
Instrument :
MSVOA_V
ClientSampleId :
VSTD005376

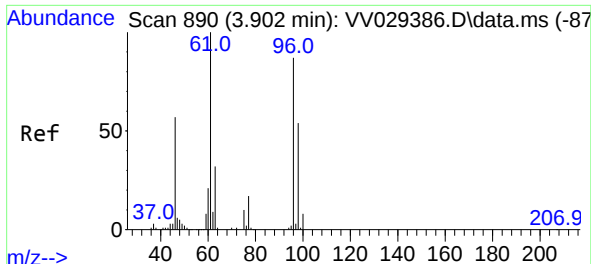
Tgt Ion: 63 Resp: 135014
Ion Ratio Lower Upper
63 100
65 33.4 21.6 40.2
83 13.8 10.3 19.1



#21
2-Butanone
Concen: 51.147 ug/L
RT: 3.989 min Scan# 917
Delta R.T. 0.003 min
Lab File: VV029394.D
Acq: 05 Dec 2022 10:00

Tgt Ion: 43 Resp: 140595
Ion Ratio Lower Upper
43 100
72 10.3 13.8 41.3#



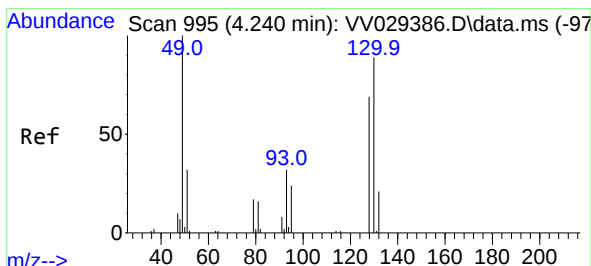
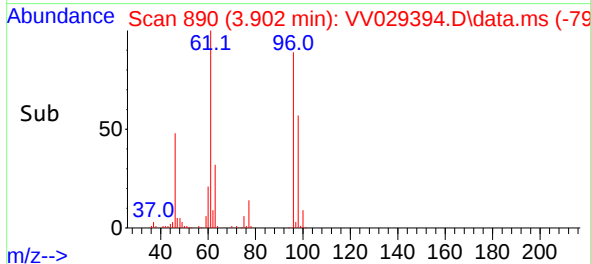
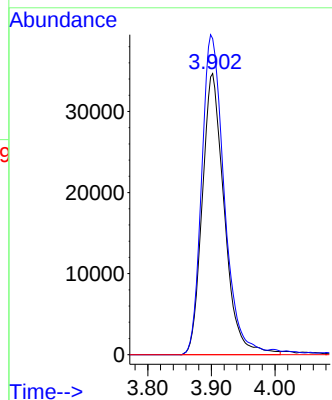
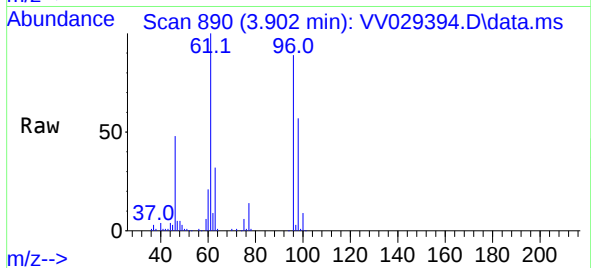


#22
 cis-1,2-Dichloroethene
 Concen: 5.278 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. -0.000 min
 Lab File: VV029394.D
 Acq: 05 Dec 2022 10:00

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005376

Tgt Ion: 96 Resp: 83577

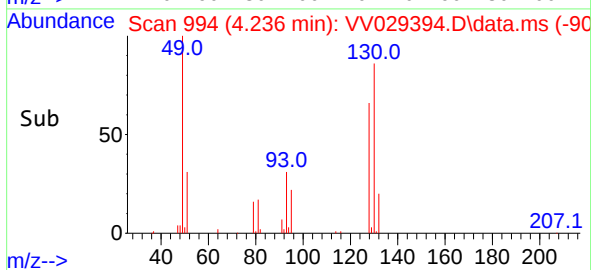
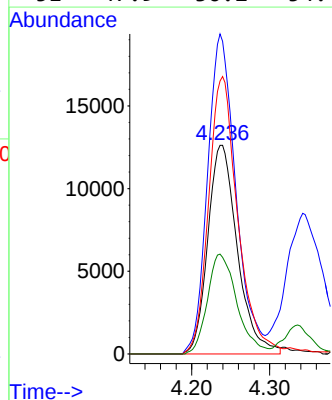
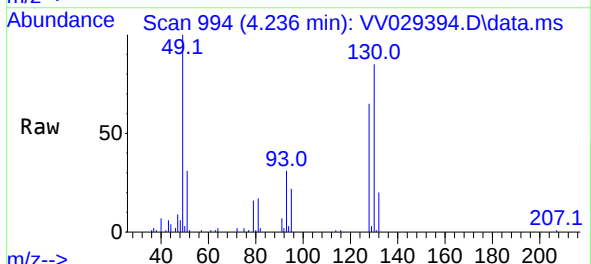
Ion	Ratio	Lower	Upper
96	100		
61	112.4	85.8	159.3
68	0.0	0.0	0.0

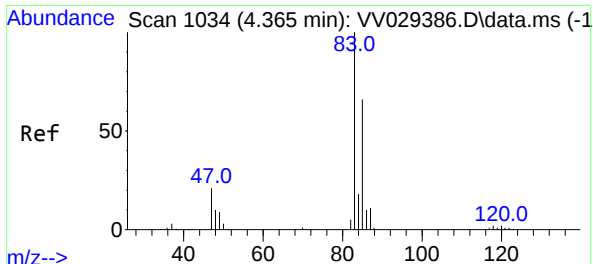


#23
 Bromochloromethane
 Concen: 5.240 ug/L
 RT: 4.236 min Scan# 994
 Delta R.T. -0.003 min
 Lab File: VV029394.D
 Acq: 05 Dec 2022 10:00

Tgt Ion: 128 Resp: 33233

Ion	Ratio	Lower	Upper
128	100		
49	153.3	100.0	185.8
130	130.8	90.2	167.6
51	47.9	36.2	54.4

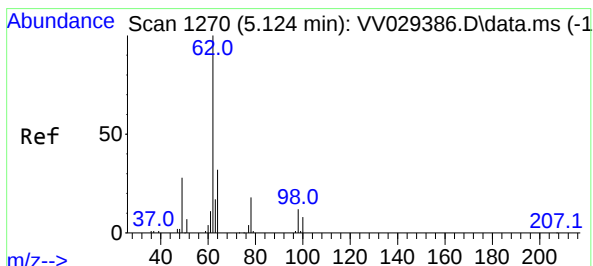
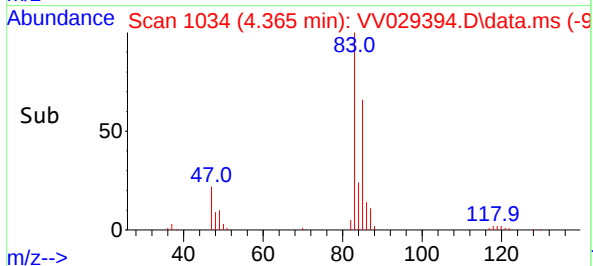
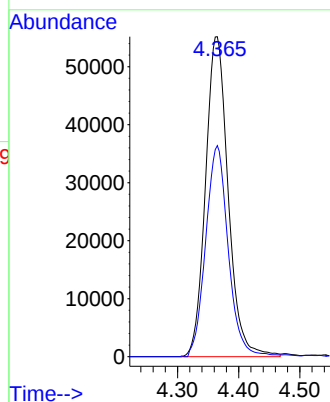
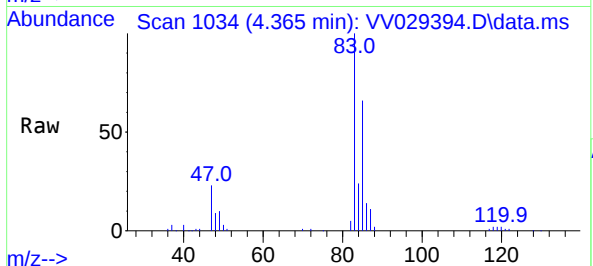




#25
Chloroform
Concen: 5.463 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VV029394.D
Acq: 05 Dec 2022 10:00

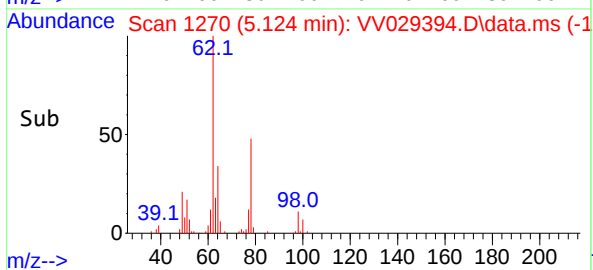
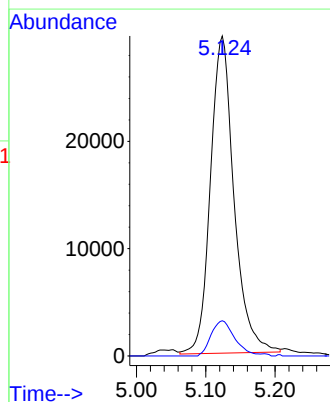
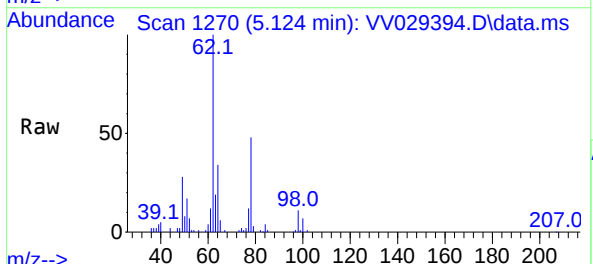
Instrument : MSVOA_V
ClientSampleId : VSTD005376

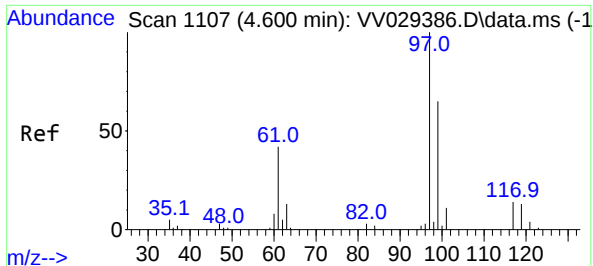
Tgt Ion: 83 Resp: 142116
Ion Ratio Lower Upper
83 100
85 65.9 45.4 84.4



#27
1,2-Dichloroethane
Concen: 4.964 ug/L
RT: 5.124 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VV029394.D
Acq: 05 Dec 2022 10:00

Tgt Ion: 62 Resp: 69962
Ion Ratio Lower Upper
62 100
98 11.0 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 5.038 ug/L

RT: 4.596 min Scan# 1106

Delta R.T. -0.003 min

Lab File: VV029394.D

Acq: 05 Dec 2022 10:00

Instrument :

MSVOA_V

ClientSampleId :

VSTD005376

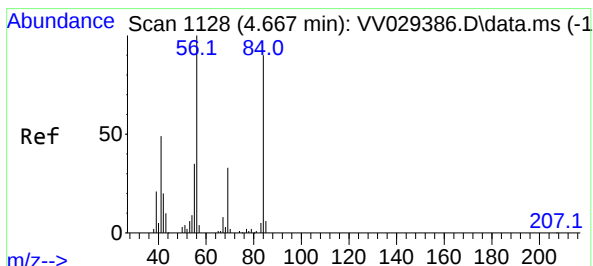
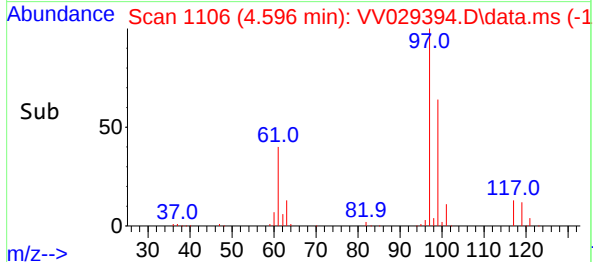
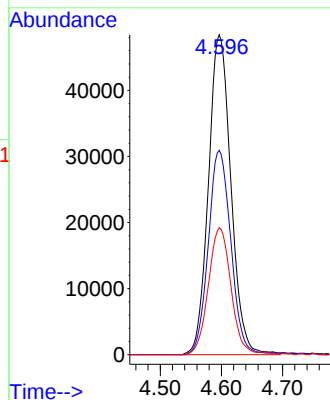
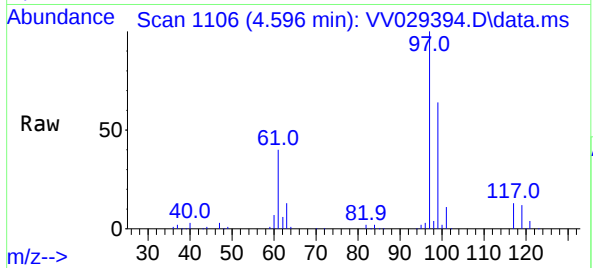
Tgt Ion: 97 Resp: 123623

Ion Ratio Lower Upper

97 100

99 64.0 51.2 76.8

61 39.7 33.3 49.9



#30

Cyclohexane

Concen: 4.648 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VV029394.D

Acq: 05 Dec 2022 10:00

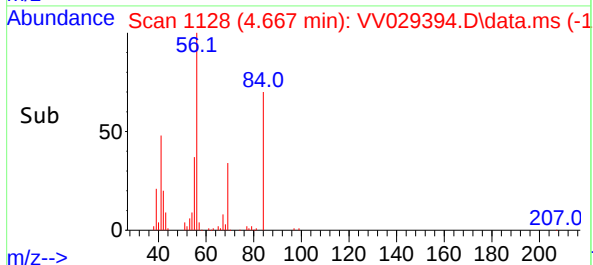
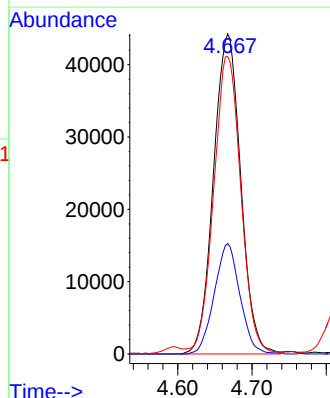
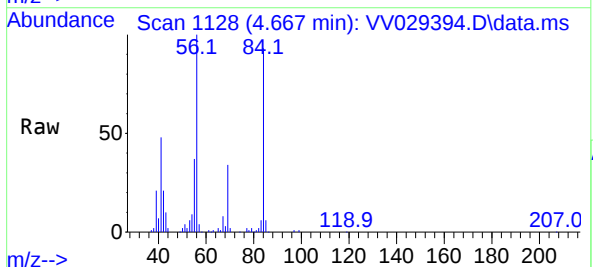
Tgt Ion: 56 Resp: 112738

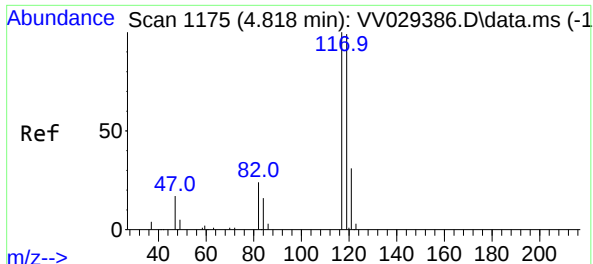
Ion Ratio Lower Upper

56 100

69 32.5 26.1 39.1

84 92.0 75.6 113.4

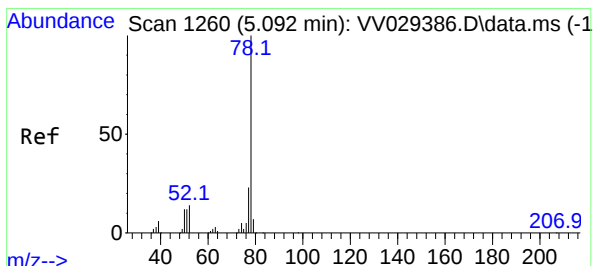
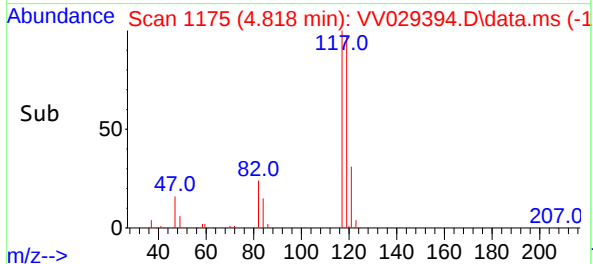
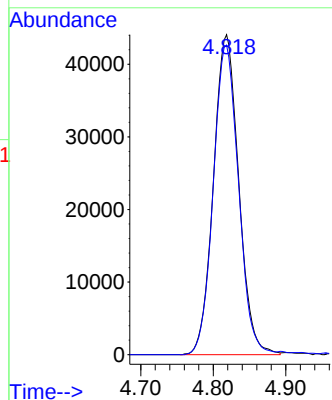
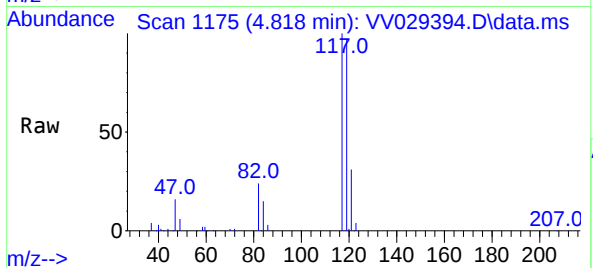




#31
Carbon tetrachloride
Concen: 5.136 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.000 min
Lab File: VV029394.D
Acq: 05 Dec 2022 10:00

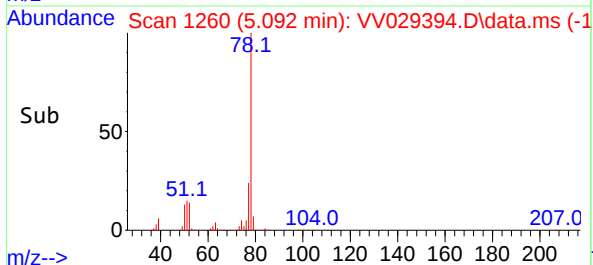
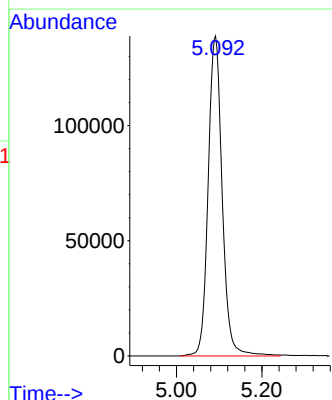
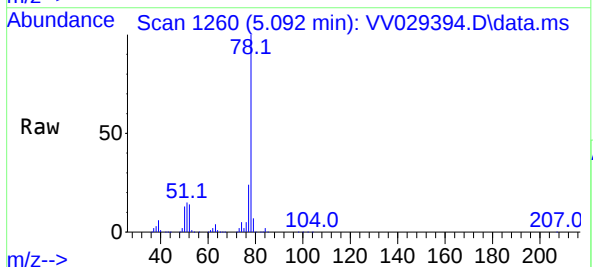
Instrument : MSVOA_V
ClientSampleId : VSTD005376

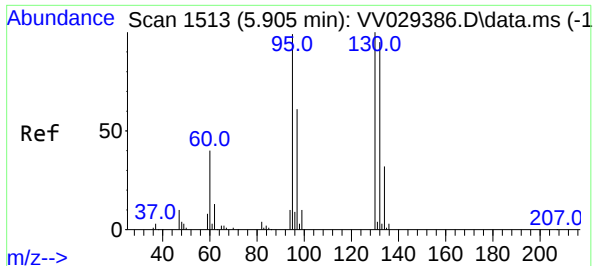
Tgt Ion:117 Resp: 106573
Ion Ratio Lower Upper
117 100
119 96.5 75.7 113.5



#33
Benzene
Concen: 4.964 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VV029394.D
Acq: 05 Dec 2022 10:00

Tgt Ion: 78 Resp: 316719



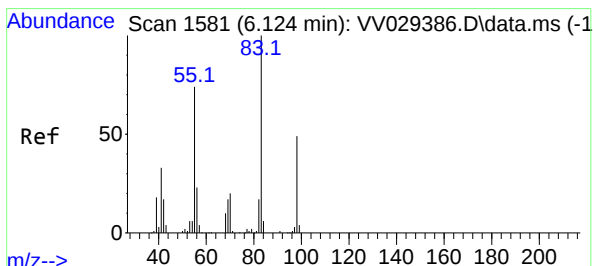
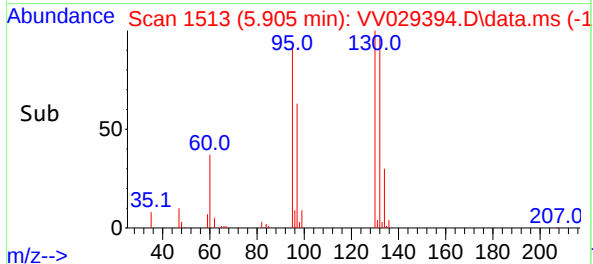
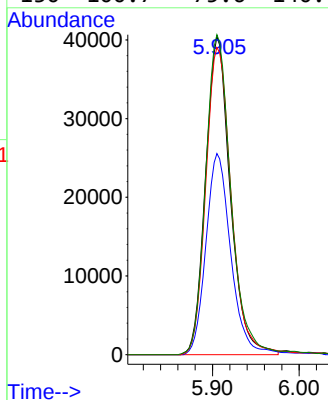
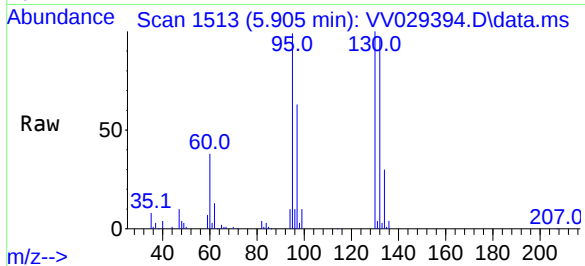


#34
Trichloroethene
Concen: 4.921 ug/L
RT: 5.905 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV029394.D
Acq: 05 Dec 2022 10:00

Instrument :
MSVOA_V
ClientSampleId :
VSTD005376

Tgt Ion: 95 Resp: 80099

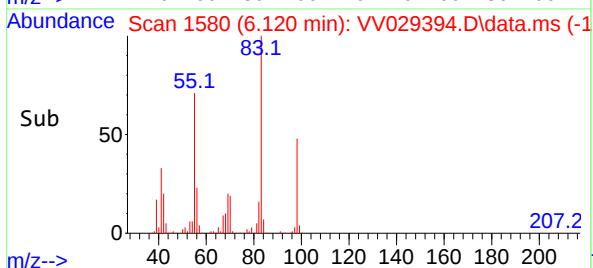
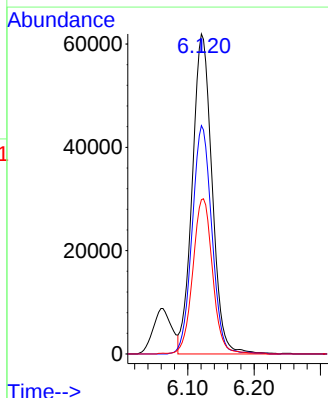
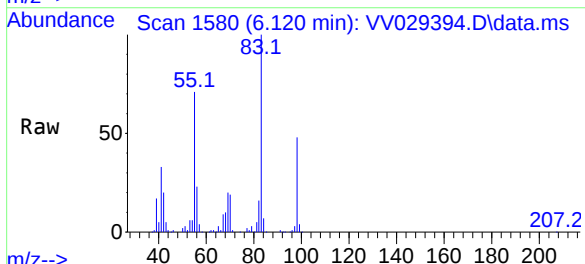
Ion	Ratio	Lower	Upper
95	100		
97	63.3	45.4	84.4
132	96.7	73.3	136.1
130	100.7	75.6	140.4

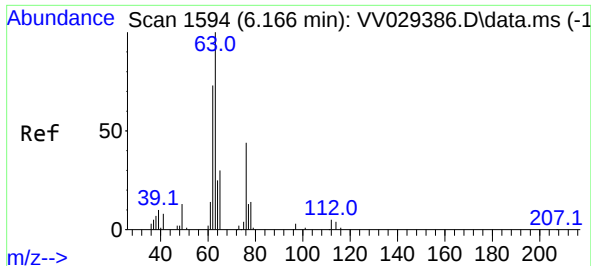


#35
Methylcyclohexane
Concen: 4.664 ug/L
RT: 6.120 min Scan# 1580
Delta R.T. -0.003 min
Lab File: VV029394.D
Acq: 05 Dec 2022 10:00

Tgt Ion: 83 Resp: 128160

Ion	Ratio	Lower	Upper
83	100		
55	71.1	55.4	83.2
98	47.7	39.4	59.2

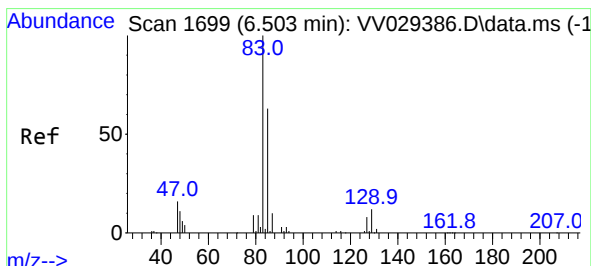
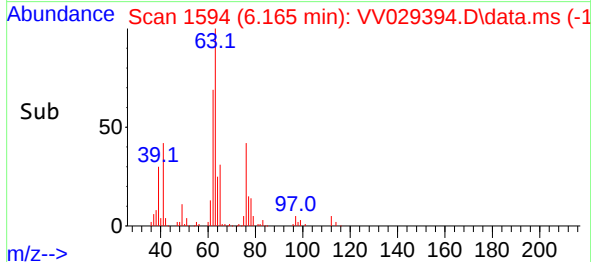
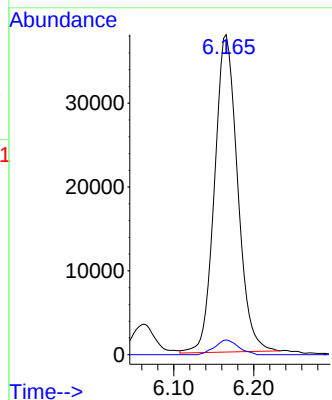
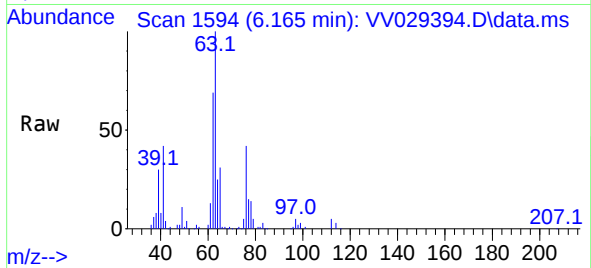




#37
1,2-Dichloropropane
Concen: 5.033 ug/L
RT: 6.165 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VV029394.D
Acq: 05 Dec 2022 10:00

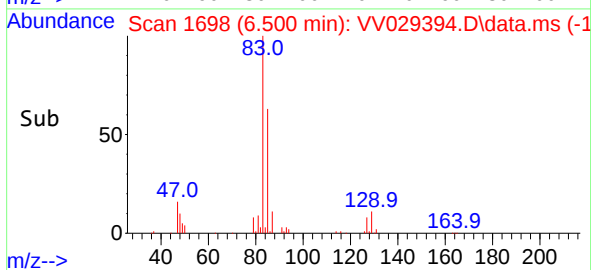
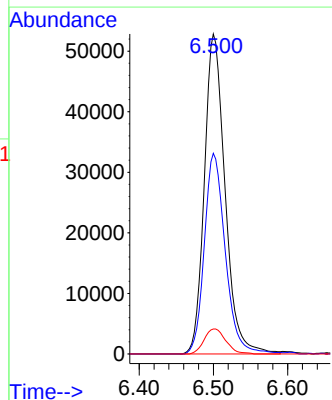
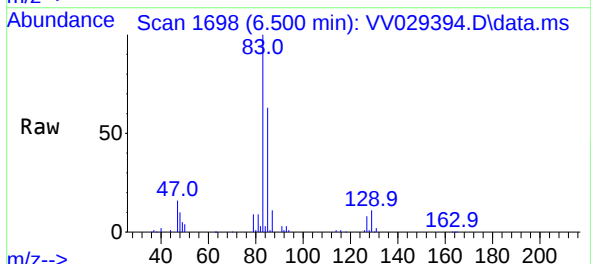
Instrument :
MSVOA_V
ClientSampleId :
VSTD005376

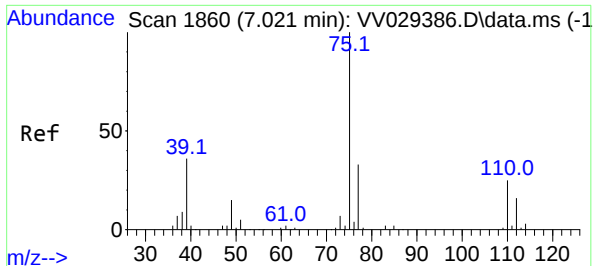
Tgt Ion: 63 Resp: 75649
Ion Ratio Lower Upper
63 100
112 4.8 4.1 6.1



#38
Bromodichloromethane
Concen: 5.689 ug/L
RT: 6.500 min Scan# 1698
Delta R.T. -0.003 min
Lab File: VV029394.D
Acq: 05 Dec 2022 10:00

Tgt Ion: 83 Resp: 102373
Ion Ratio Lower Upper
83 100
85 62.7 44.7 83.1
127 7.8 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 5.193 ug/L

RT: 7.018 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV029394.D

Acq: 05 Dec 2022 10:00

Instrument :

MSVOA_V

ClientSampleId :

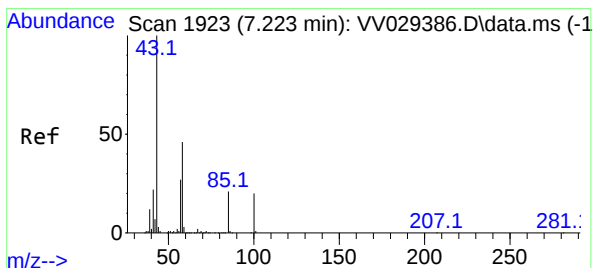
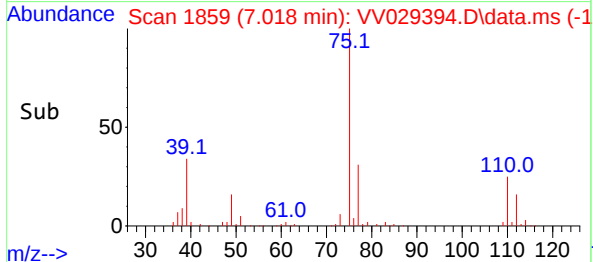
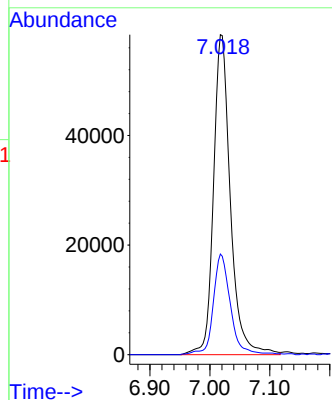
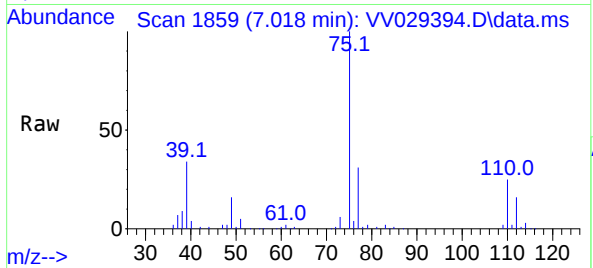
VSTD005376

Tgt Ion: 75 Resp: 114102

Ion Ratio Lower Upper

75 100

77 31.5 22.7 42.3



#40

4-Methyl-2-pentanone

Concen: 52.256 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV029394.D

Acq: 05 Dec 2022 10:00

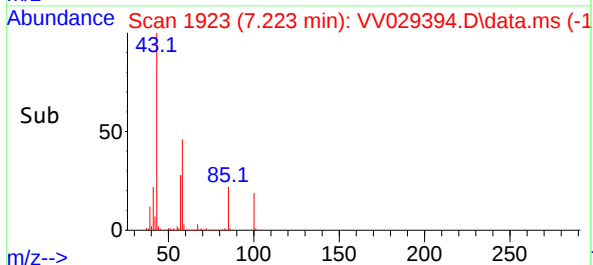
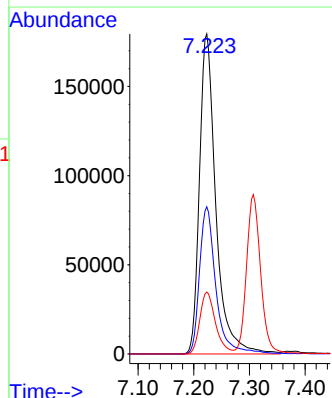
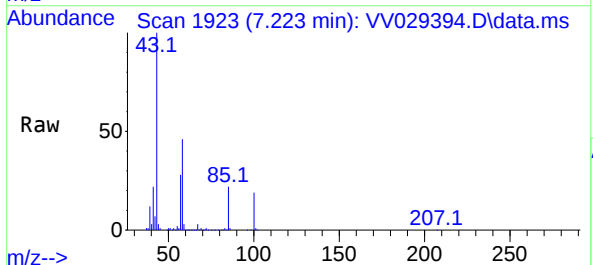
Tgt Ion: 43 Resp: 367553

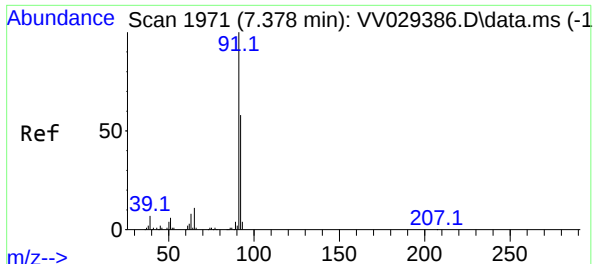
Ion Ratio Lower Upper

43 100

58 45.9 35.3 52.9

100 18.6 15.3 22.9





#42

Toluene

Concen: 4.979 ug/L

RT: 7.378 min Scan# 1971

Delta R.T. -0.000 min

Lab File: VV029394.D

Acq: 05 Dec 2022 10:00

Instrument :

MSVOA_V

ClientSampleId :

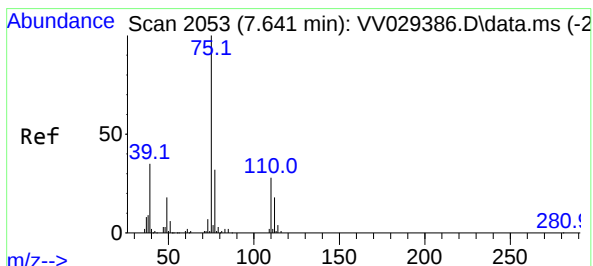
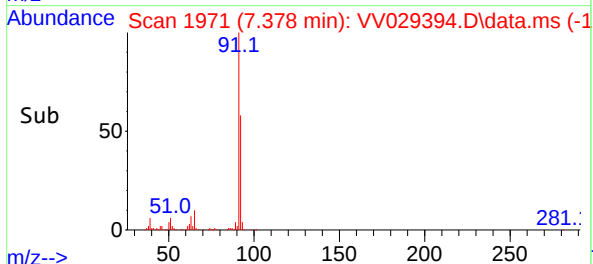
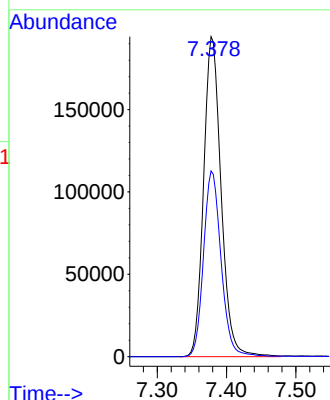
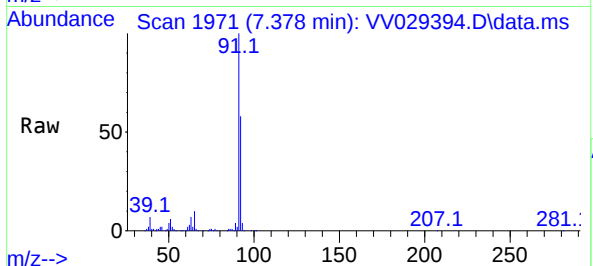
VSTD005376

Tgt Ion: 91 Resp: 340976

Ion Ratio Lower Upper

91 100

92 58.0 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.255 ug/L

RT: 7.641 min Scan# 2053

Delta R.T. -0.000 min

Lab File: VV029394.D

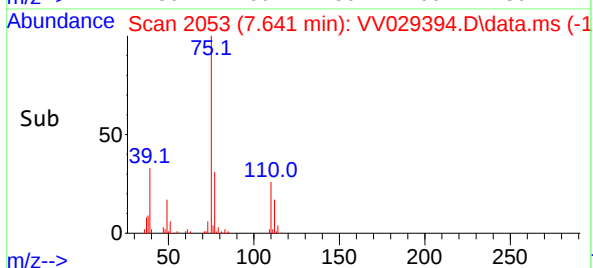
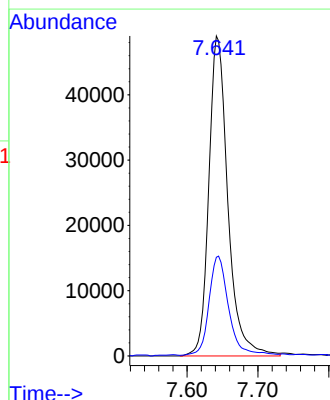
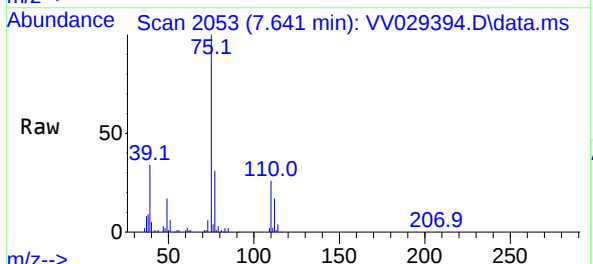
Acq: 05 Dec 2022 10:00

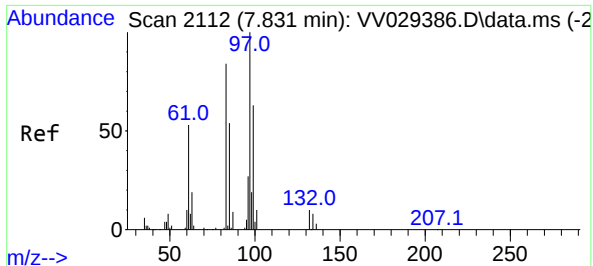
Tgt Ion: 75 Resp: 91467

Ion Ratio Lower Upper

75 100

77 30.9 22.4 41.6



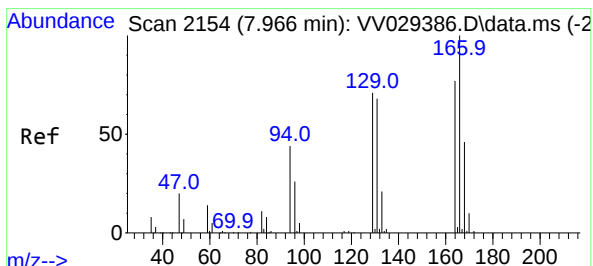
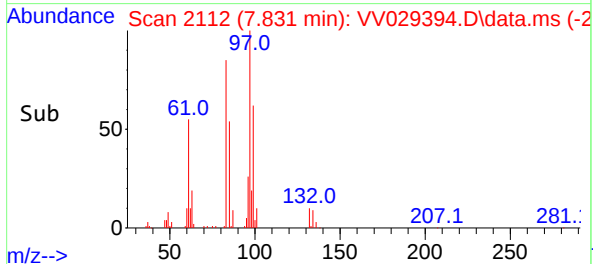
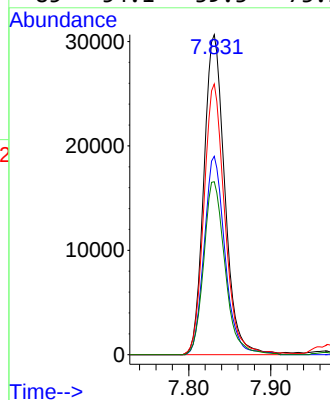
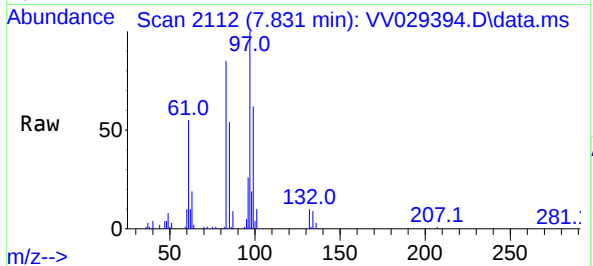


#45
1,1,2-Trichloroethane
Concen: 5.344 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VV029394.D
Acq: 05 Dec 2022 10:00

Instrument :
MSVOA_V
ClientSampleId :
VSTD005376

Tgt Ion: 97 Resp: 54388

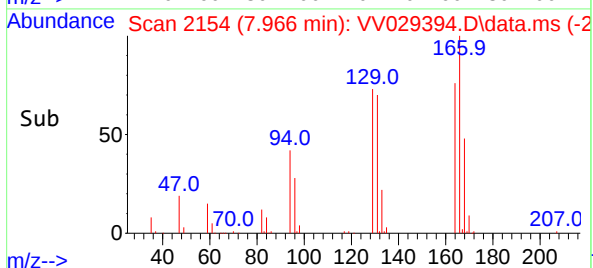
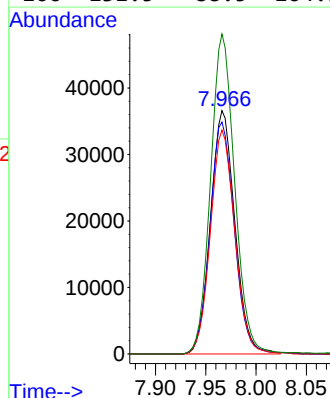
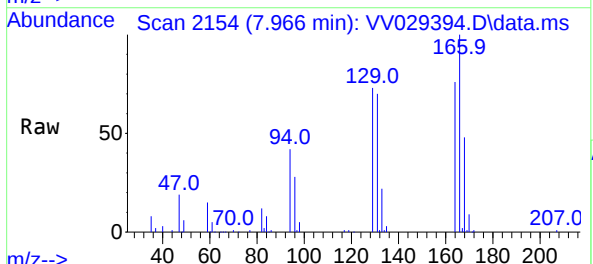
Ion	Ratio	Lower	Upper
97	100		
99	62.0	44.4	82.5
83	84.6	59.5	110.5
85	54.1	39.3	73.1

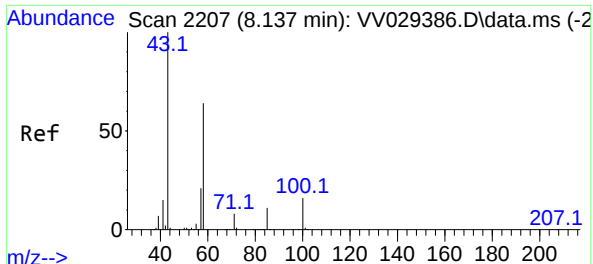


#47
Tetrachloroethene
Concen: 4.635 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VV029394.D
Acq: 05 Dec 2022 10:00

Tgt Ion: 164 Resp: 61853

Ion	Ratio	Lower	Upper
164	100		
129	95.3	61.7	114.7
131	92.0	62.9	116.9
166	131.5	88.5	164.3





#48

2-Hexanone

Concen: 52.897 ug/L

RT: 8.136 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV029394.D

Acq: 05 Dec 2022 10:00

Instrument :

MSVOA_V

ClientSampleId :

VSTD005376

Tgt Ion: 43 Resp: 259375

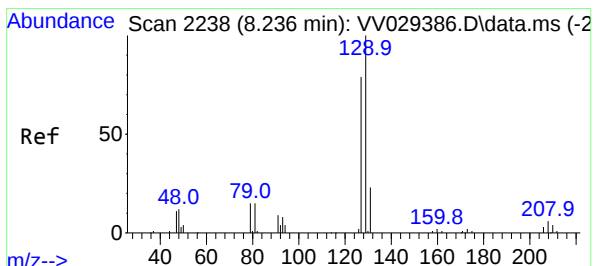
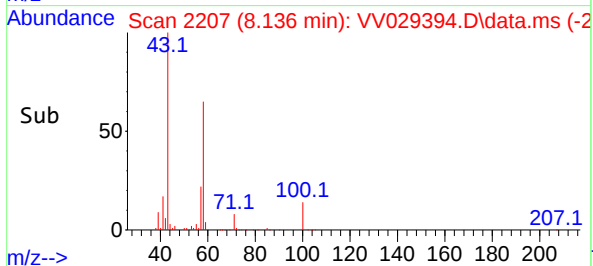
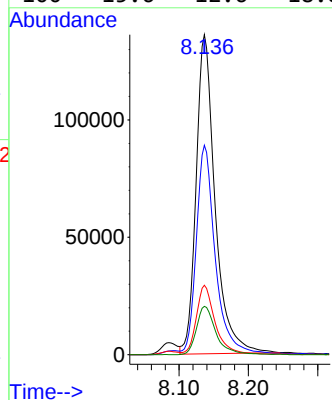
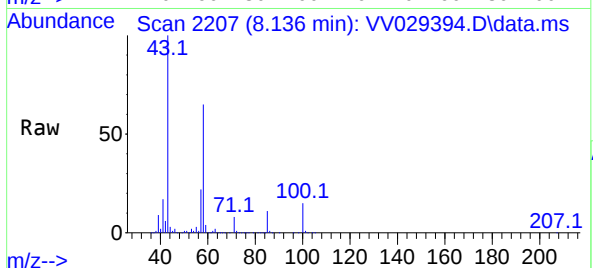
Ion Ratio Lower Upper

43 100

58 64.8 49.4 74.0

57 21.3 16.9 25.3

100 15.6 12.6 18.8



#49

Dibromochloromethane

Concen: 5.874 ug/L

RT: 8.236 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VV029394.D

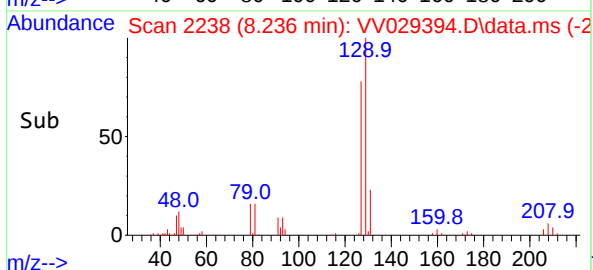
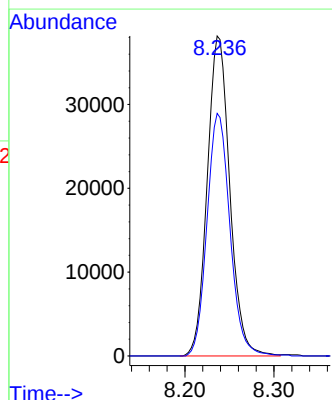
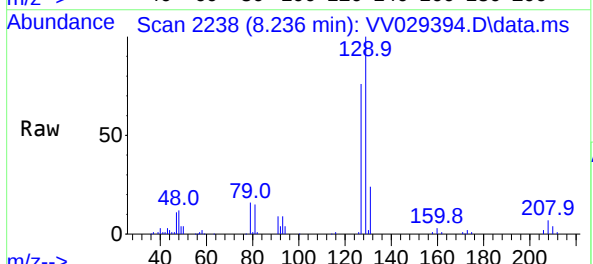
Acq: 05 Dec 2022 10:00

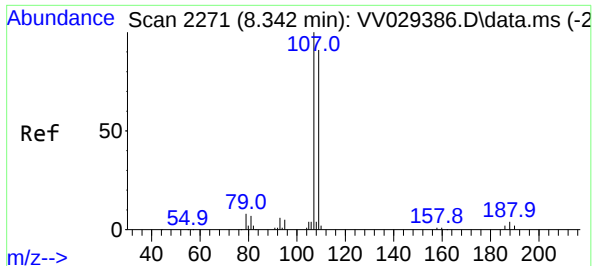
Tgt Ion: 129 Resp: 67242

Ion Ratio Lower Upper

129 100

127 75.8 53.1 98.7

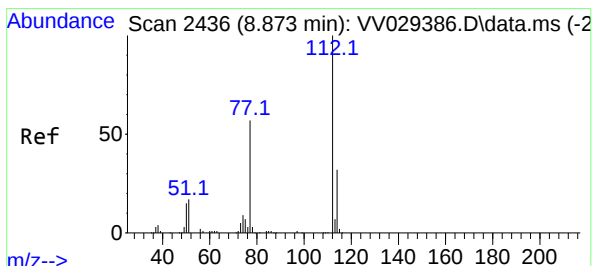
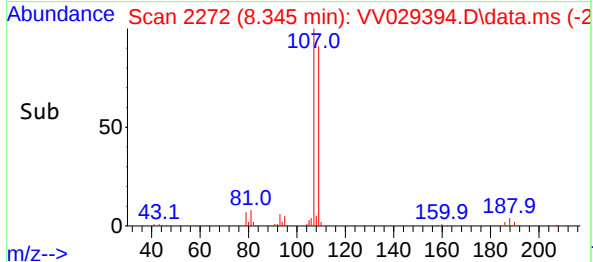
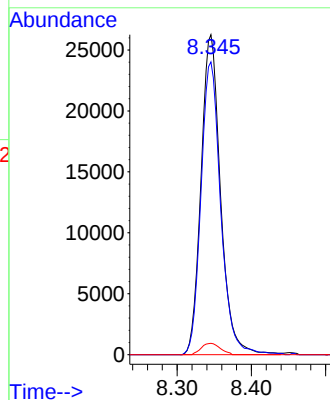
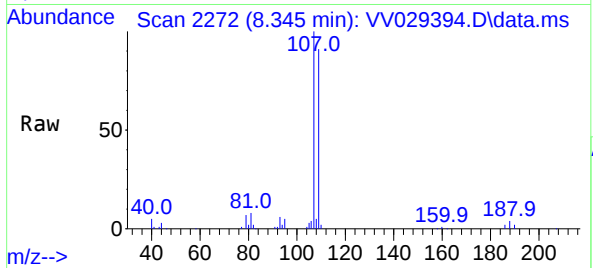




#50
1,2-Dibromoethane
Concen: 5.405 ug/L
RT: 8.345 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029394.D
Acq: 05 Dec 2022 10:00

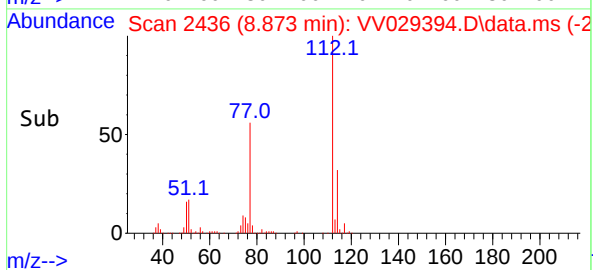
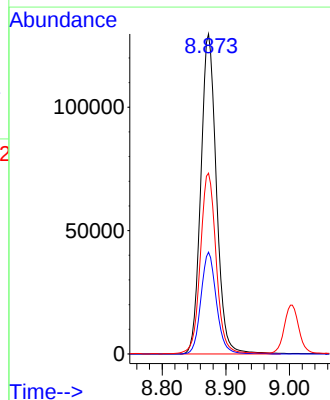
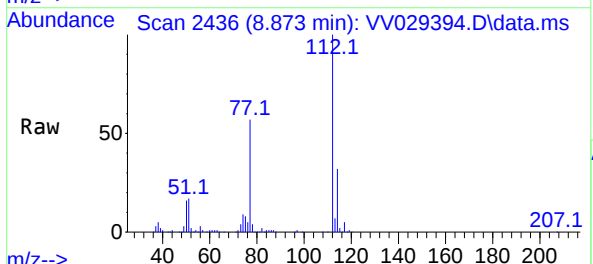
Instrument :
MSVOA_V
ClientSampleId :
VSTD005376

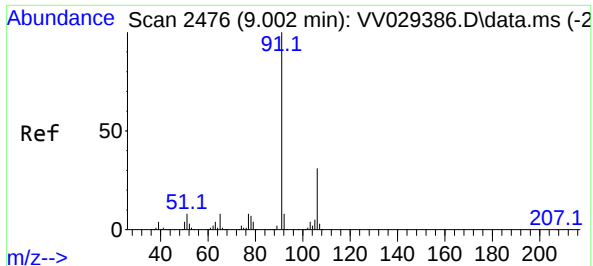
Tgt Ion:107 Resp: 47991
Ion Ratio Lower Upper
107 100
109 91.5 64.0 118.8
188 3.5 3.0 4.4



#51
Chlorobenzene
Concen: 5.153 ug/L
RT: 8.873 min Scan# 2436
Delta R.T. -0.000 min
Lab File: VV029394.D
Acq: 05 Dec 2022 10:00

Tgt Ion:112 Resp: 220569
Ion Ratio Lower Upper
112 100
114 31.8 22.9 42.5
77 56.5 45.3 67.9





#52

Ethylbenzene

Concen: 5.205 ug/L

RT: 9.001 min Scan# 2476

Delta R.T. -0.000 min

Lab File: VV029394.D

Acq: 05 Dec 2022 10:00

Instrument :

MSVOA_V

ClientSampleId :

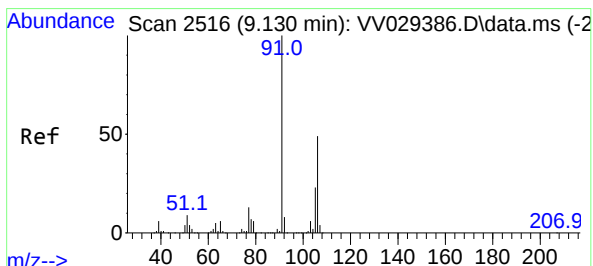
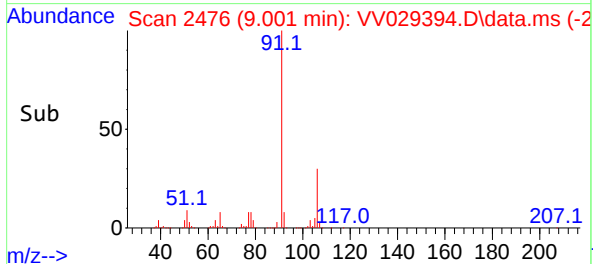
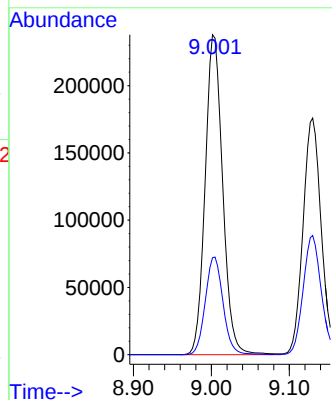
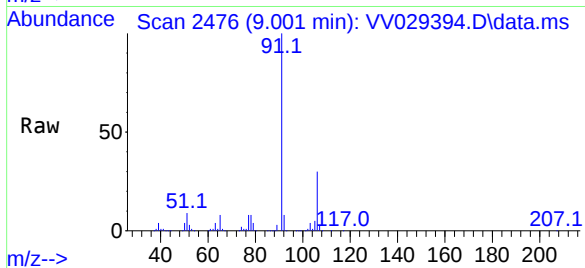
VSTD005376

Tgt Ion: 91 Resp: 371622

Ion Ratio Lower Upper

91 100

106 30.3 21.9 40.7



#53

m,p-Xylene

Concen: 5.098 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. -0.000 min

Lab File: VV029394.D

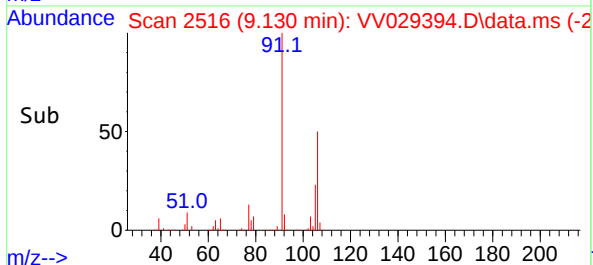
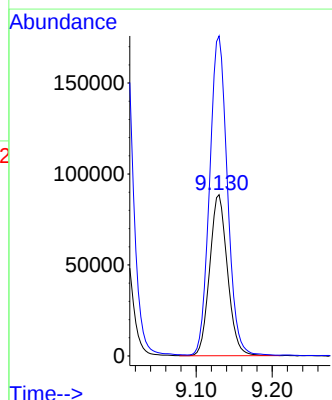
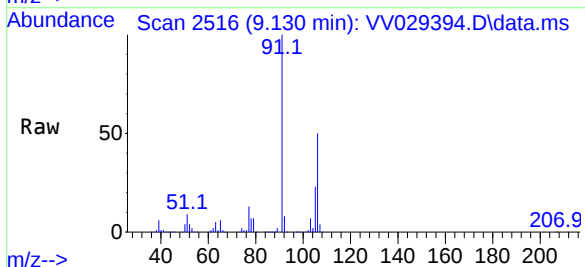
Acq: 05 Dec 2022 10:00

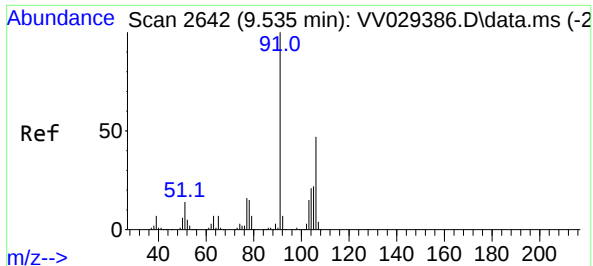
Tgt Ion: 106 Resp: 143568

Ion Ratio Lower Upper

106 100

91 198.4 140.6 261.2

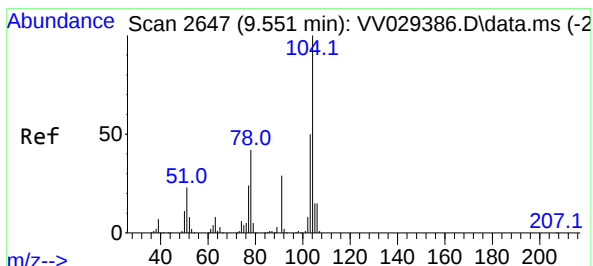
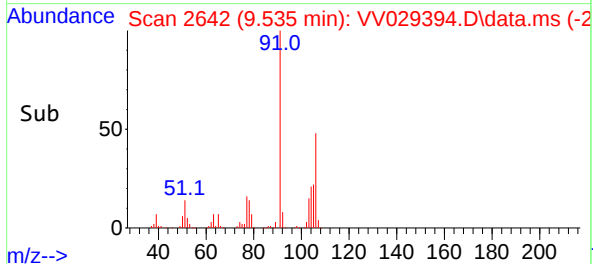
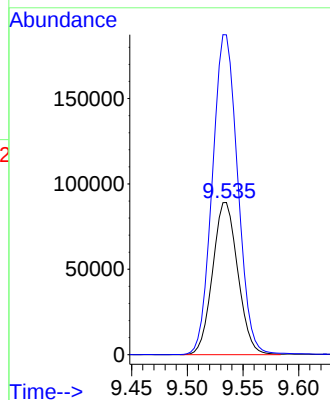
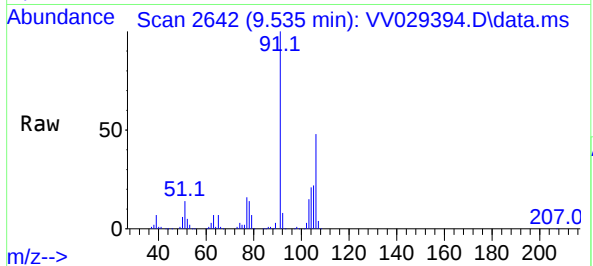




#54
o-Xylene
Concen: 5.072 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.000 min
Lab File: VV029394.D
Acq: 05 Dec 2022 10:00

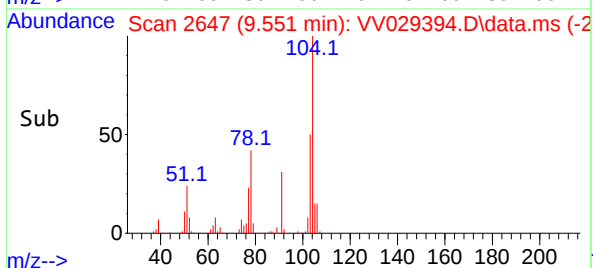
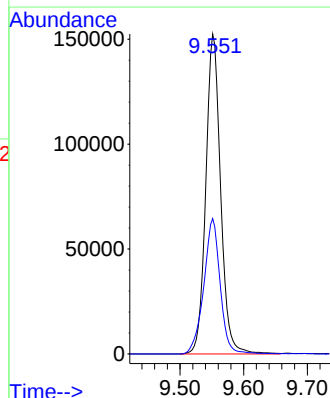
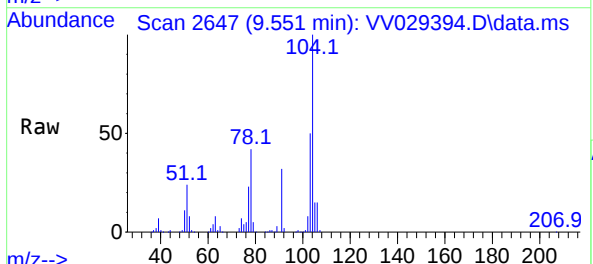
Instrument :
MSVOA_V
ClientSampleId :
VSTD005376

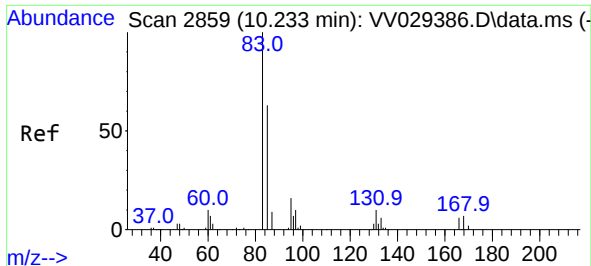
Tgt Ion:106 Resp: 140326
Ion Ratio Lower Upper
106 100
91 210.2 146.9 272.9



#55
Styrene
Concen: 5.286 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.000 min
Lab File: VV029394.D
Acq: 05 Dec 2022 10:00

Tgt Ion:104 Resp: 246837
Ion Ratio Lower Upper
104 100
78 42.3 29.9 55.5



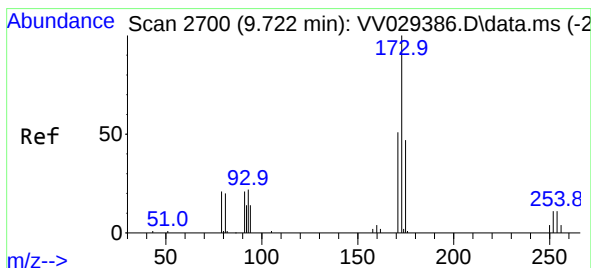
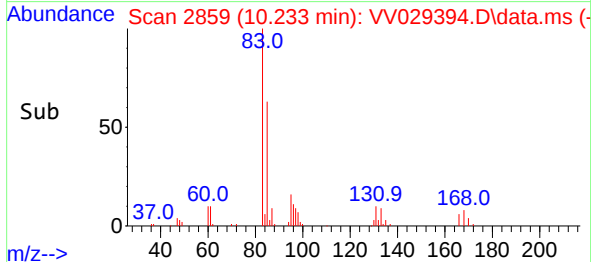
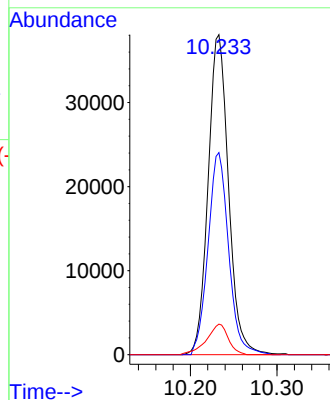
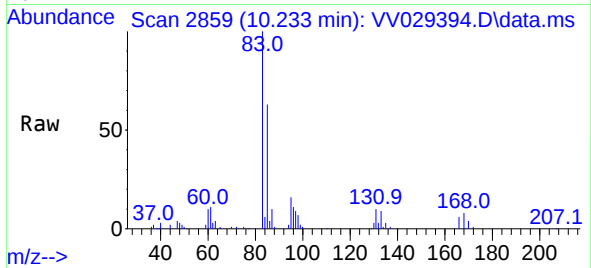


#57
1,1,2,2-Tetrachloroethane
Concen: 5.924 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VV029394.D
Acq: 05 Dec 2022 10:00

Instrument : MSVOA_V
ClientSampleId : VSTD005376

Tgt Ion: 83 Resp: 62377

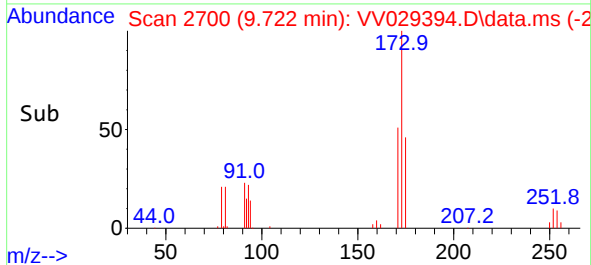
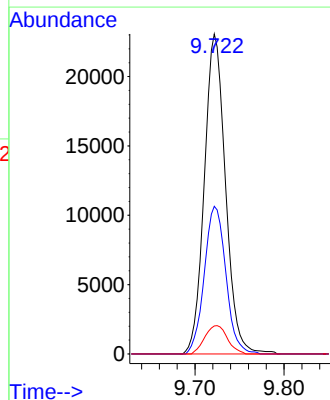
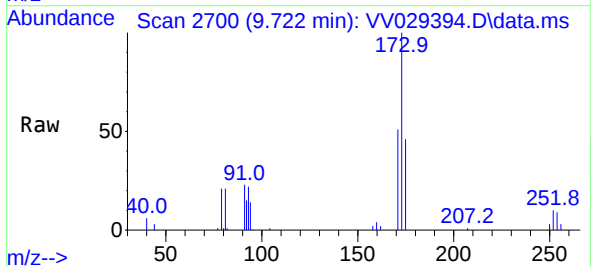
Ion	Ratio	Lower	Upper
83	100		
85	63.2	45.5	84.5
131	9.6	8.2	12.2

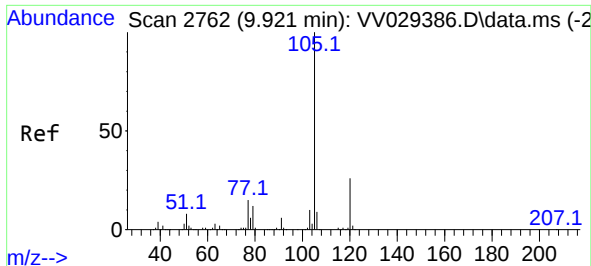


#59
Bromoform
Concen: 6.513 ug/L
RT: 9.722 min Scan# 2700
Delta R.T. -0.000 min
Lab File: VV029394.D
Acq: 05 Dec 2022 10:00

Tgt Ion: 173 Resp: 38098

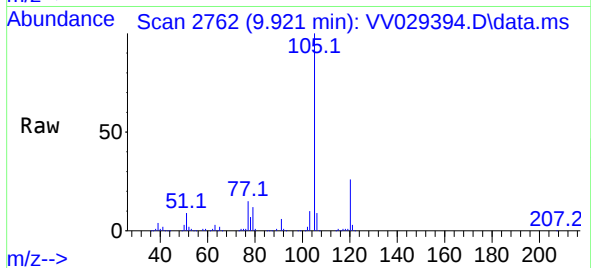
Ion	Ratio	Lower	Upper
173	100		
175	46.9	38.6	58.0
254	9.5	8.3	12.5



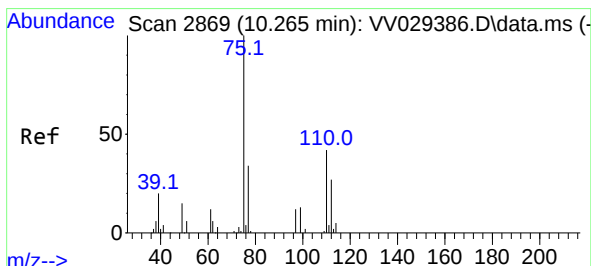
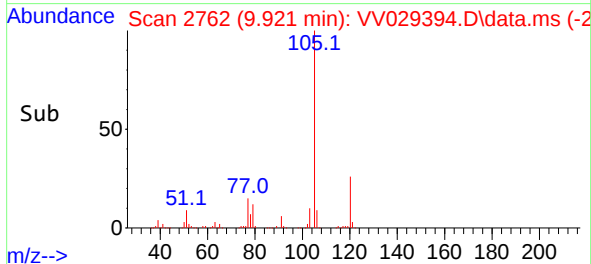
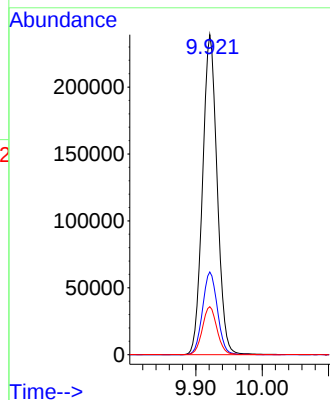


#60
Isopropylbenzene
Concen: 5.087 ug/L
RT: 9.921 min Scan# 2762
Delta R.T. -0.000 min
Lab File: VV029394.D
Acq: 05 Dec 2022 10:00

Instrument :
MSVOA_V
ClientSampleId :
VSTD005376

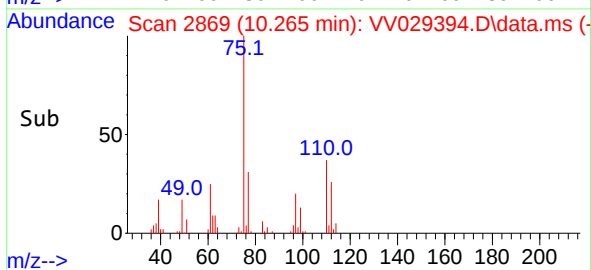
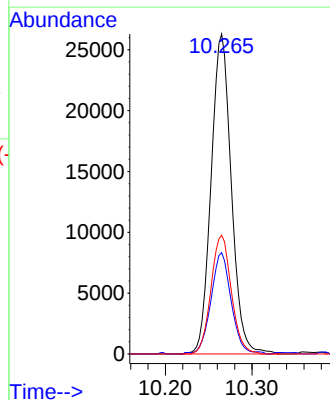
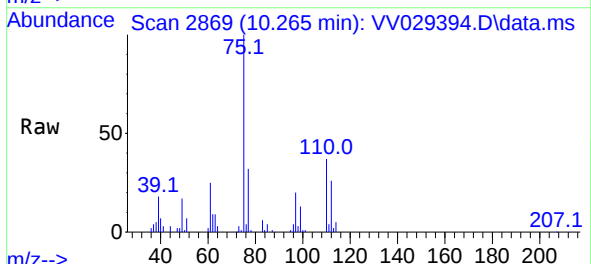


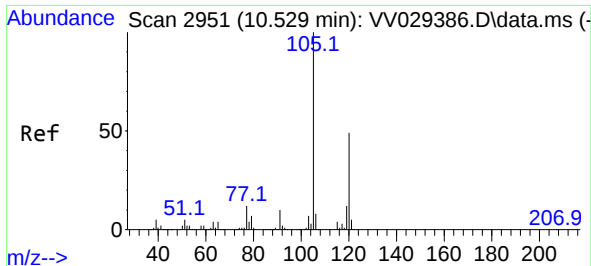
Tgt Ion:105 Resp: 366218
Ion Ratio Lower Upper
105 100
120 26.4 21.4 32.2
77 14.9 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.516 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. -0.000 min
Lab File: VV029394.D
Acq: 05 Dec 2022 10:00

Tgt Ion: 75 Resp: 42590
Ion Ratio Lower Upper
75 100
77 31.7 26.7 40.1
110 37.4 32.2 48.4

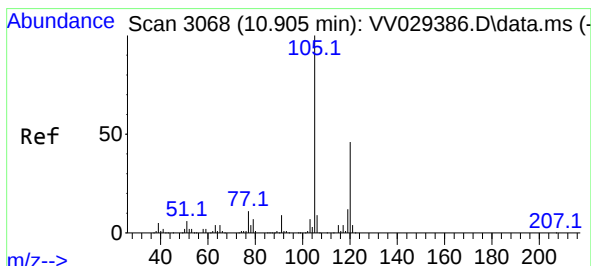
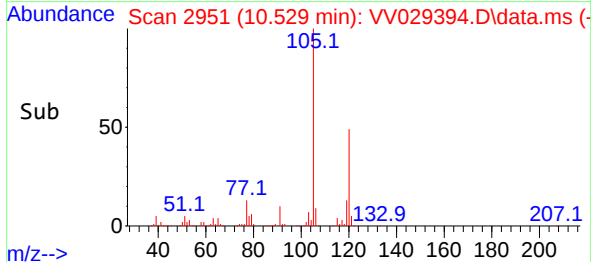
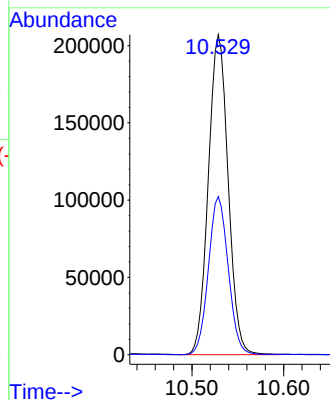
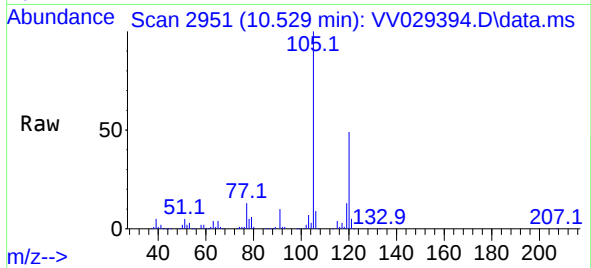




#62
 1,3,5-Trimethylbenzene
 Concen: 4.983 ug/L
 RT: 10.529 min Scan# 2951
 Delta R.T. -0.000 min
 Lab File: VV029394.D
 Acq: 05 Dec 2022 10:00

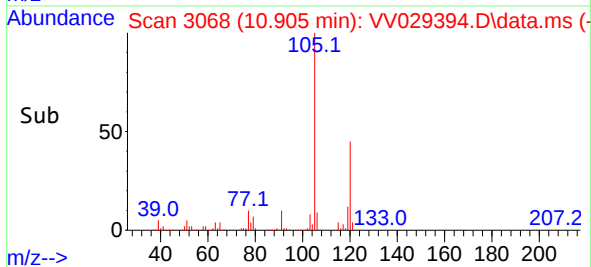
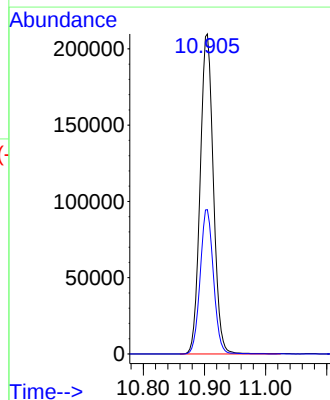
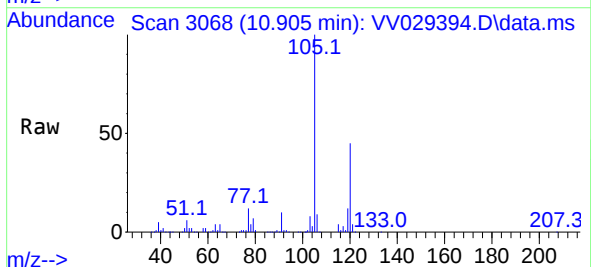
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005376

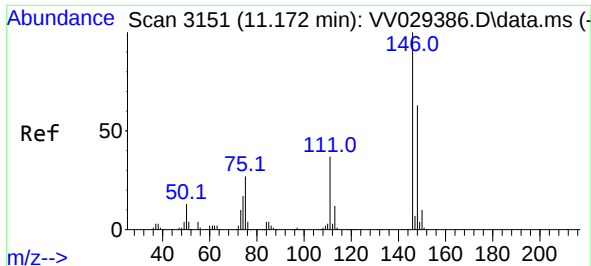
Tgt Ion:105 Resp: 310584
 Ion Ratio Lower Upper
 105 100
 120 49.4 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 5.025 ug/L
 RT: 10.905 min Scan# 3068
 Delta R.T. -0.000 min
 Lab File: VV029394.D
 Acq: 05 Dec 2022 10:00

Tgt Ion:105 Resp: 315021
 Ion Ratio Lower Upper
 105 100
 120 45.3 37.2 55.8

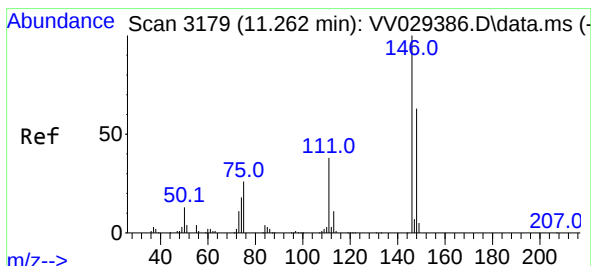
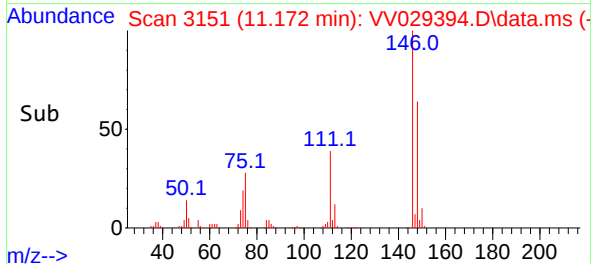
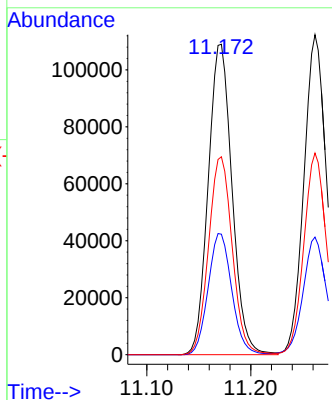
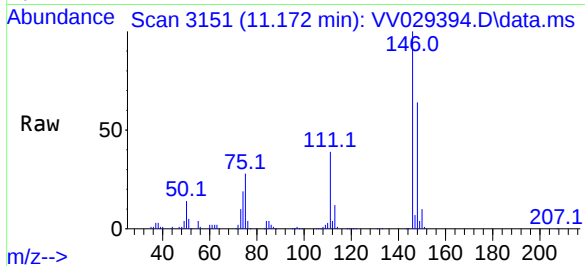




#64
1,3-Dichlorobenzene
Concen: 5.176 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV029394.D
Acq: 05 Dec 2022 10:00

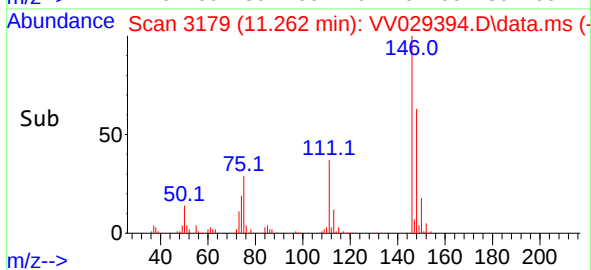
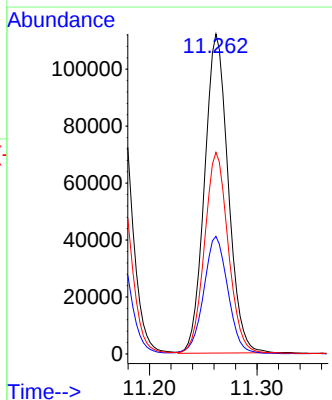
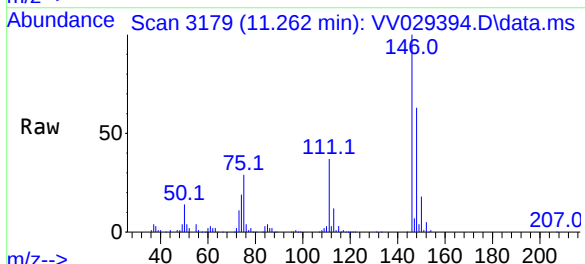
Instrument :
MSVOA_V
ClientSampleId :
VSTD005376

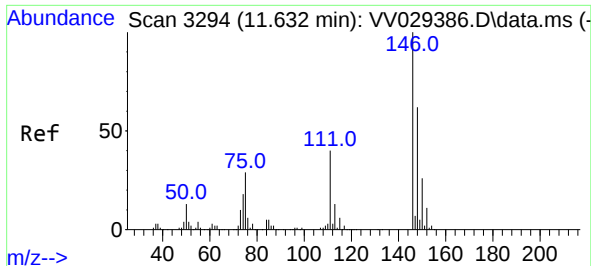
Tgt Ion:146 Resp: 173813
Ion Ratio Lower Upper
146 100
111 38.8 26.3 48.9
148 63.8 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.157 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VV029394.D
Acq: 05 Dec 2022 10:00

Tgt Ion:146 Resp: 171329
Ion Ratio Lower Upper
146 100
111 36.8 26.0 48.4
148 63.0 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 5.121 ug/L

RT: 11.632 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV029394.D

Acq: 05 Dec 2022 10:00

Instrument :

MSVOA_V

ClientSampleId :

VSTD005376

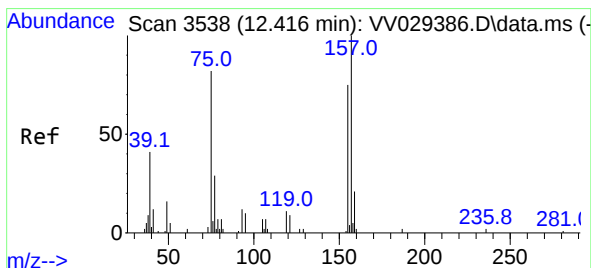
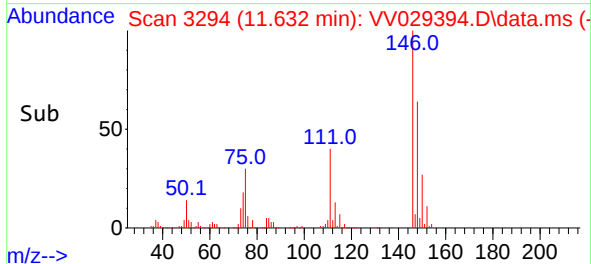
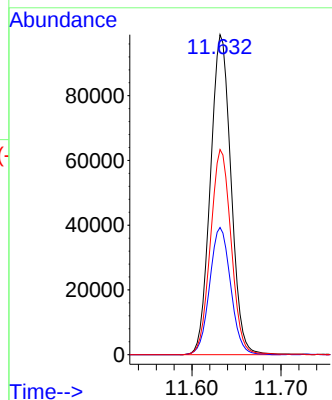
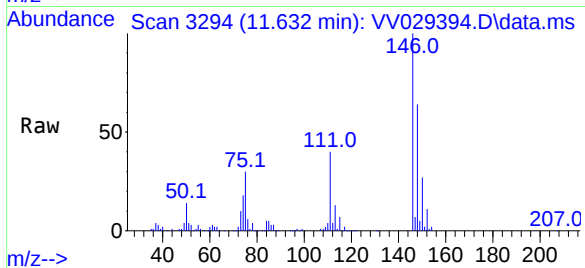
Tgt Ion:146 Resp: 158453

Ion Ratio Lower Upper

146 100

111 39.7 33.5 50.3

148 64.1 50.7 76.1



#68

1,2-Dibromo-3-chloropropane

Concen: 6.270 ug/L

RT: 12.416 min Scan# 3538

Delta R.T. -0.000 min

Lab File: VV029394.D

Acq: 05 Dec 2022 10:00

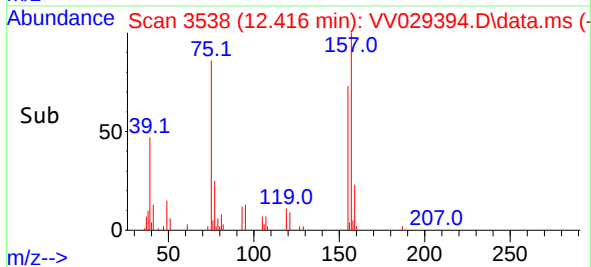
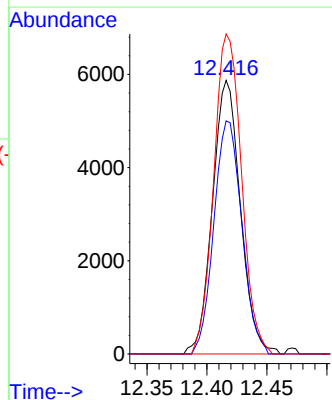
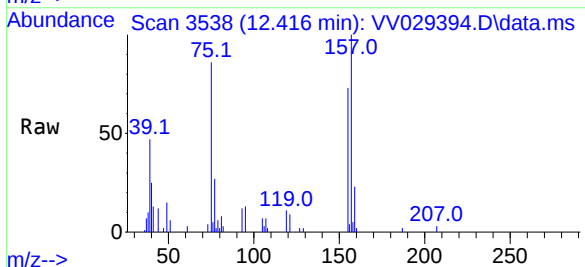
Tgt Ion: 75 Resp: 9508

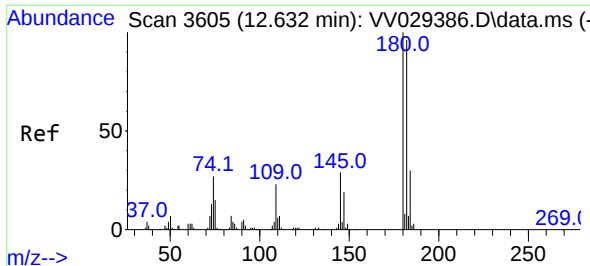
Ion Ratio Lower Upper

75 100

155 85.2 76.6 115.0

157 116.9 96.9 145.3



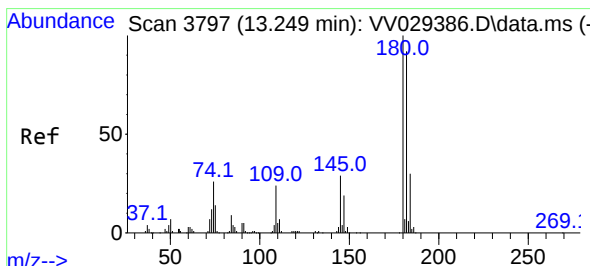
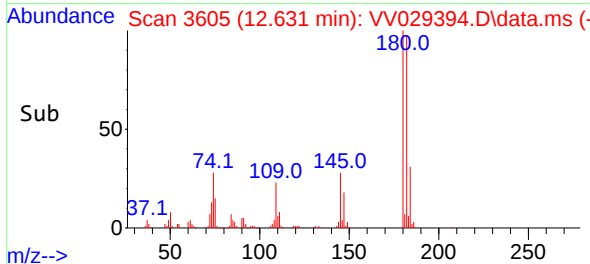
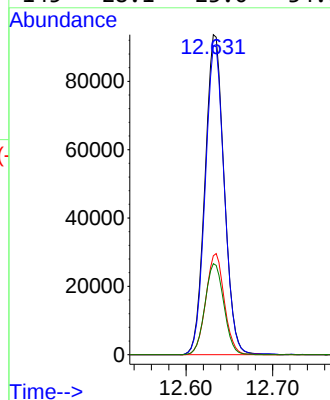
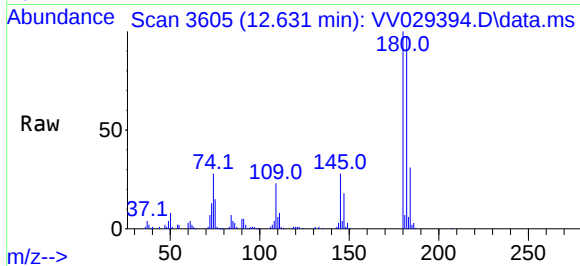


#69
 1,3,5-Trichlorobenzene
 Concen: 5.183 ug/L
 RT: 12.631 min Scan# 3605
 Delta R.T. -0.000 min
 Lab File: VV029394.D
 Acq: 05 Dec 2022 10:00

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005376

Tgt Ion:180 Resp: 143416

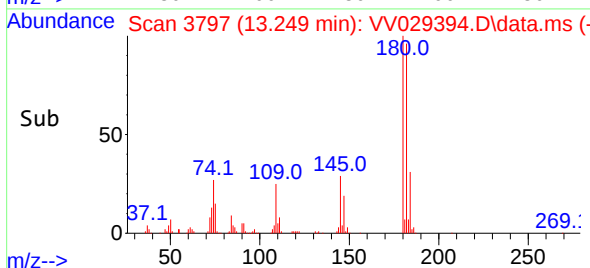
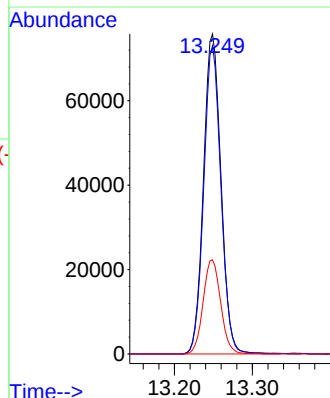
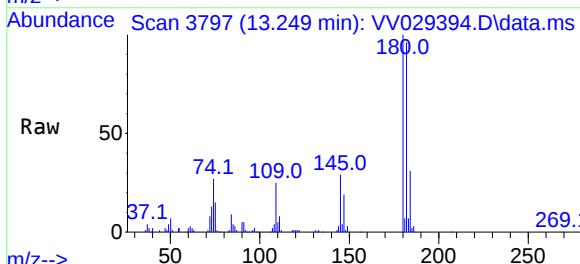
Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.0	115.6
184	30.6	24.4	36.6
145	28.1	23.0	34.6

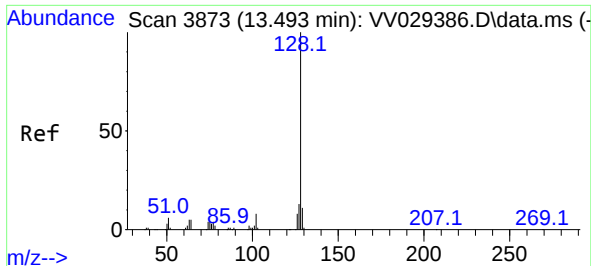


#70
 1,2,4-trichlorobenzene
 Concen: 5.268 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. -0.000 min
 Lab File: VV029394.D
 Acq: 05 Dec 2022 10:00

Tgt Ion:180 Resp: 118109

Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.2	114.4
145	29.6	23.4	35.0

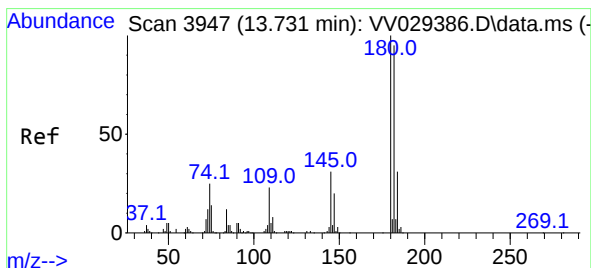
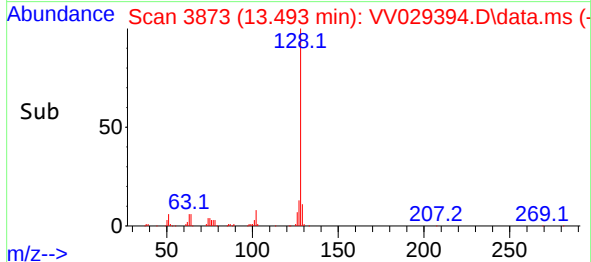
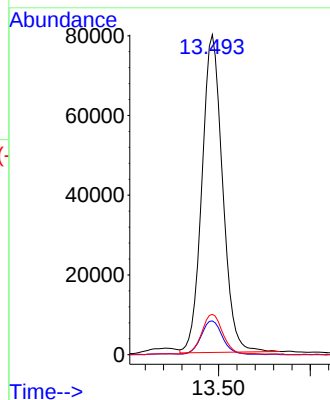
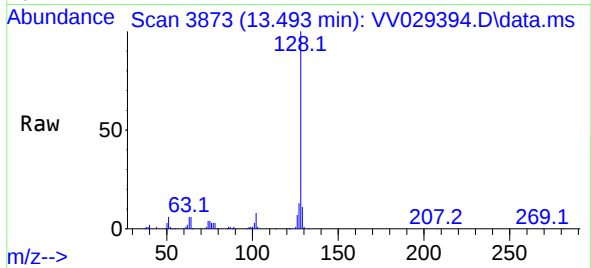




#71
Naphthalene
Concen: 6.417 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. -0.000 min
Lab File: VV029394.D
Acq: 05 Dec 2022 10:00

Instrument :
MSVOA_V
ClientSampleId :
VSTD005376

Tgt Ion:128 Resp: 124553
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.9 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 5.360 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. -0.000 min
Lab File: VV029394.D
Acq: 05 Dec 2022 10:00

Tgt Ion:180 Resp: 97832
Ion Ratio Lower Upper
180 100
182 93.9 75.0 112.4
145 31.9 25.2 37.8

