

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120622\
 Data File : VW029403.D
 Acq On : 06 Dec 2022 09:44
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005378

Quant Time: Dec 06 21:45:10 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	236390	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	215884	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	117066	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	74128	5.096	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.000%
7) Chloroethane-d5	1.565	69	56213	5.279	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.600%
11) 1,1-Dichloroethene-d2	2.105	63	115033	4.941	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.800%
20) 2-Butanone-d5	3.908	46	111353	45.756	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.520%
24) Chloroform-d	4.336	84	129182	4.975	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.024	65	53364	4.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.040	84	268470	4.500	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.060	67	78276	4.669	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.307	98	248909	4.420	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.613	79	29328	4.537	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.085	63	109548	47.545	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.080%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	53628	5.184	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	11.612	152	86913	4.250	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	81650	4.629	ug/L	99
3) Chloromethane	1.240	50	87223	5.397	ug/L	99
5) Vinyl chloride	1.307	62	82056	5.096	ug/L	99
6) Bromomethane	1.520	94	39762	3.957	ug/L	97
8) Chloroethane	1.581	64	50905	5.319	ug/L	99
9) Trichlorofluoromethane	1.751	101	113231	5.023	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	67538	5.374	ug/L	96
12) 1,1-Dichloroethene	2.114	96	62907	5.175	ug/L	96
13) Acetone	2.204	43	85561	48.354	ug/L	96
14) Carbon disulfide	2.288	76	183100	5.184	ug/L	99
15) Methyl Acetate	2.439	43	19957	3.924	ug/L #	84
16) Methylene chloride	2.500	84	80355	4.327	ug/L	96
17) Methyl tert-butyl Ether	2.764	73	165043	5.311	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	74762	5.359	ug/L	96
19) 1,1-Dichloroethane	3.182	63	140392	5.592	ug/L	98
21) 2-Butanone	3.989	43	136860	49.407	ug/L	93
22) cis-1,2-Dichloroethene	3.902	96	85394	5.352	ug/L	93
23) Bromochloromethane	4.236	128	35476	5.550	ug/L	98
25) Chloroform	4.362	83	145022	5.532	ug/L	98

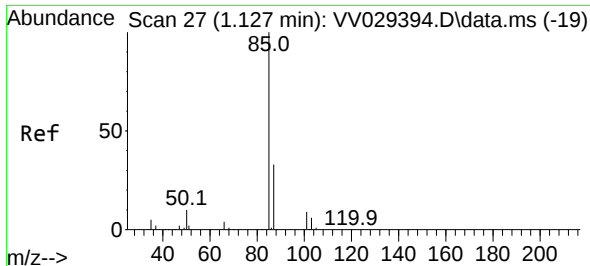
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 Data File : VV029403.D
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 02 21:17:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	72459	5.101	ug/L	96
29) 1,1,1-Trichloroethane	4.597	97	128710	5.183	ug/L	98
30) Cyclohexane	4.667	56	113657	4.631	ug/L	98
31) Carbon tetrachloride	4.818	117	108879	5.185	ug/L	99
33) Benzene	5.088	78	326168	5.052	ug/L	100
34) Trichloroethene	5.905	95	81722	4.961	ug/L	95
35) Methylcyclohexane	6.121	83	127099	4.571	ug/L	96
37) 1,2-Dichloropropane	6.166	63	80711	5.306	ug/L	99
38) Bromodichloromethane	6.500	83	102930	5.653	ug/L	99
39) cis-1,3-Dichloropropene	7.018	75	116934	5.259	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	367467	51.629	ug/L	99
42) Toluene	7.378	91	349598	5.045	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	92992	5.280	ug/L	98
45) 1,1,2-Trichloroethane	7.831	97	54966	5.338	ug/L	98
47) Tetrachloroethene	7.966	164	63730	4.720	ug/L	97
48) 2-Hexanone	8.137	43	262737	52.952	ug/L	99
49) Dibromochloromethane	8.236	129	67116	5.794	ug/L	94
50) 1,2-Dibromoethane	8.342	107	48964	5.449	ug/L	98
51) Chlorobenzene	8.873	112	223476	5.159	ug/L	98
52) Ethylbenzene	9.002	91	376503	5.211	ug/L	100
53) m,p-Xylene	9.130	106	146900	5.155	ug/L	97
54) o-Xylene	9.532	106	141155	5.042	ug/L	96
55) Styrene	9.551	104	254666	5.389	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	65426	6.140	ug/L	99
59) Bromoform	9.722	173	39891	6.486	ug/L	97
60) Isopropylbenzene	9.921	105	385805	5.097	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	44791	5.517	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	327639	5.000	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	334665	5.077	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	185733	5.260	ug/L	98
65) 1,4-Dichlorobenzene	11.262	146	181297	5.190	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	167473	5.148	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	9774	6.130	ug/L	97
69) 1,3,5-Trichlorobenzene	12.635	180	149939	5.154	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	120035	5.092	ug/L	99
71) Naphthalene	13.493	128	121635	5.960	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	99701	5.195	ug/L	98

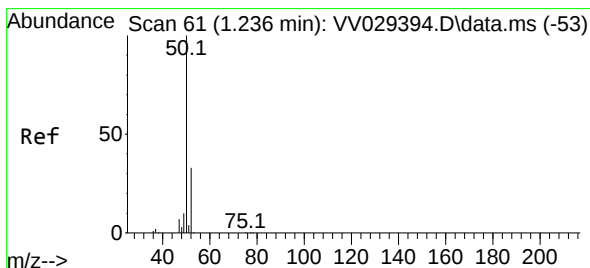
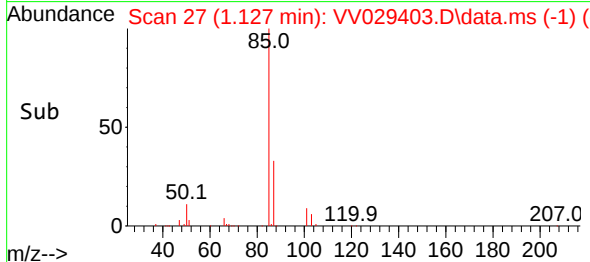
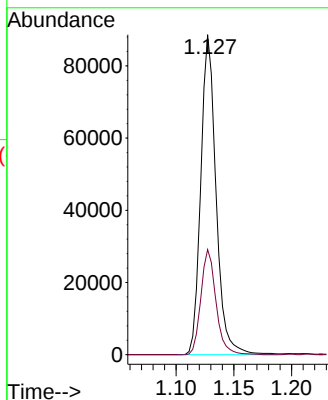
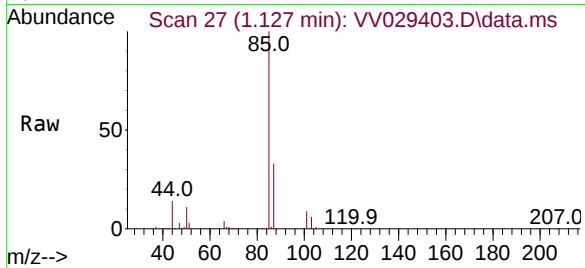
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#2
 Dichlorodifluoromethane
 Concen: 4.629 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV029403.D
 Acq: 06 Dec 2022 09:44

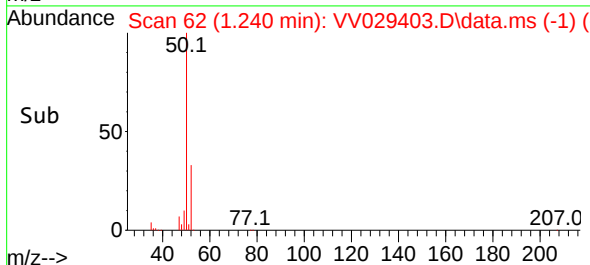
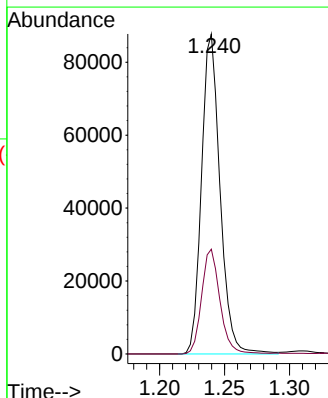
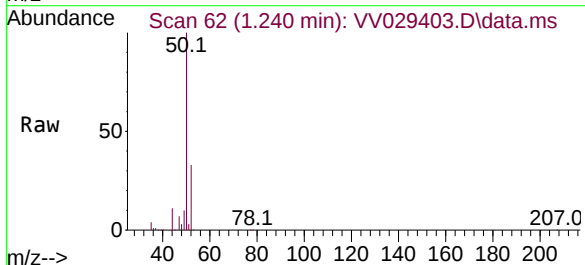
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 ClientSampleId :
 VSTD005378

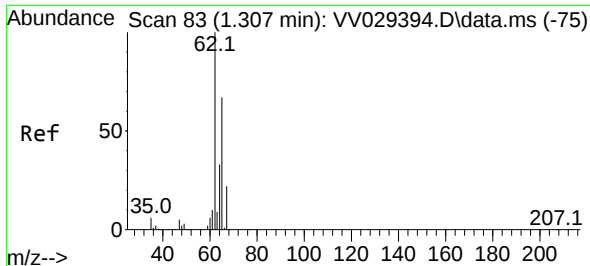
Tgt Ion: 85 Resp: 81650
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.2 39.4



#3
 Chloromethane
 Concen: 5.397 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV029403.D
 Acq: 06 Dec 2022 09:44

Tgt Ion: 50 Resp: 87223
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.2 43.2

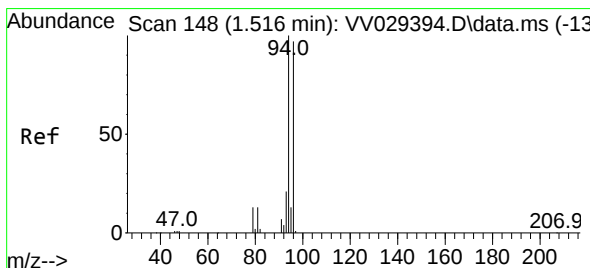
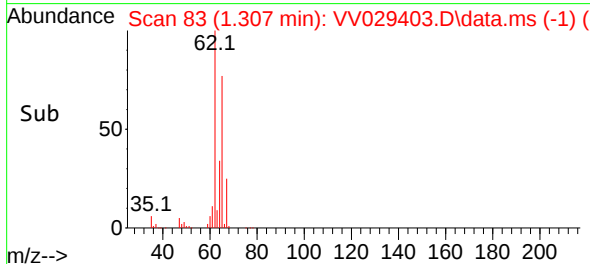
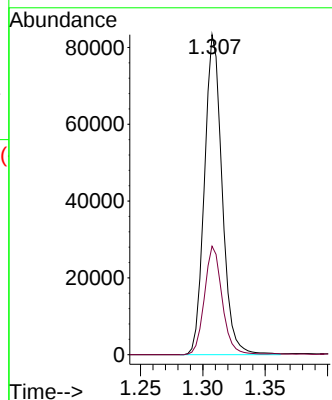
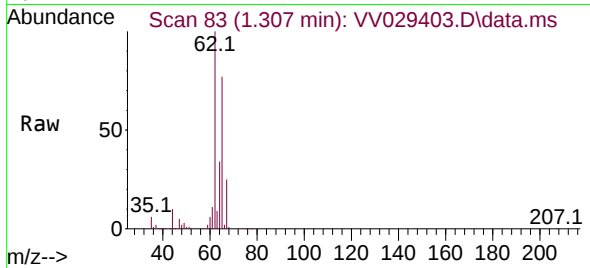




#5
 Vinyl chloride
 Concen: 5.096 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV029403.D
 Acq: 06 Dec 2022 09:44

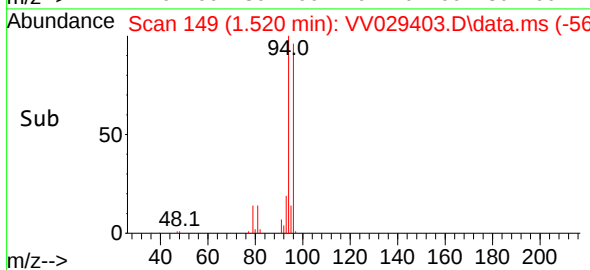
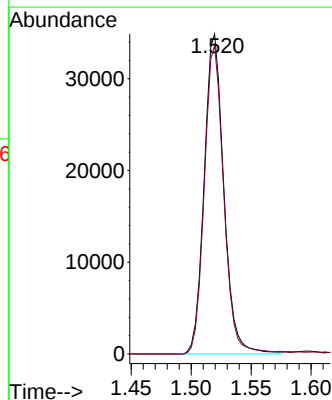
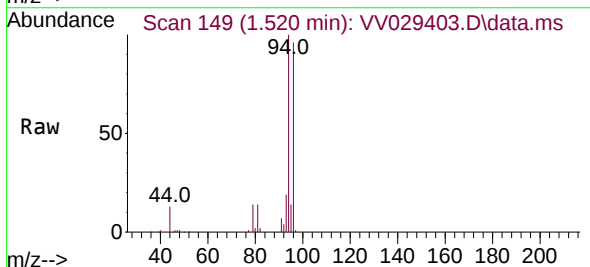
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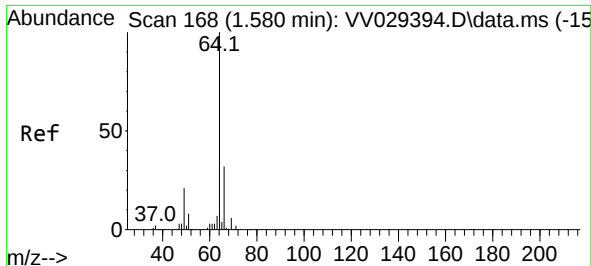
Tgt Ion: 62 Resp: 82056
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.4 43.4



#6
 Bromomethane
 Concen: 3.957 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV029403.D
 Acq: 06 Dec 2022 09:44

Tgt Ion: 94 Resp: 39762
 Ion Ratio Lower Upper
 94 100
 96 96.4 65.4 121.4

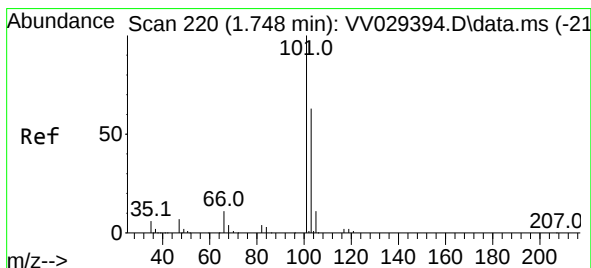
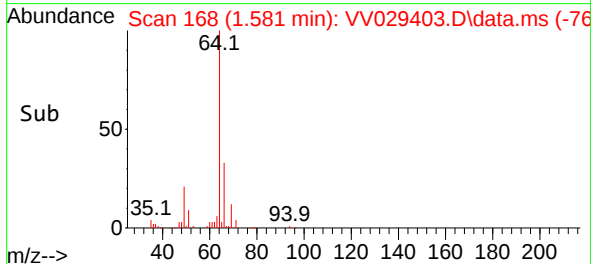
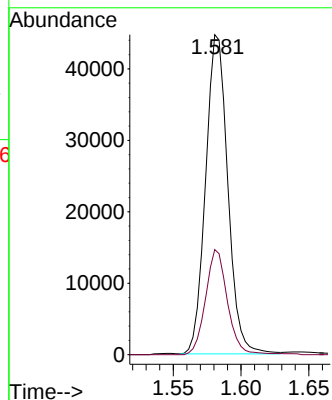
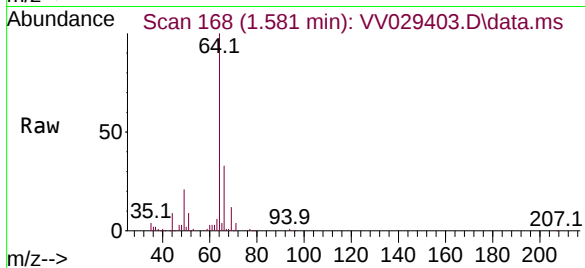




#8
Chloroethane
Concen: 5.319 ug/L
RT: 1.581 min Scan# 168
Delta R.T. -0.003 min
Lab File: VV029403.D
Acq: 06 Dec 2022 09:44

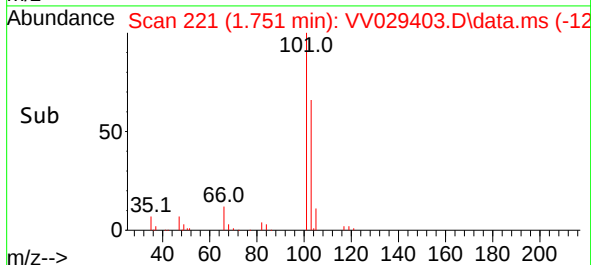
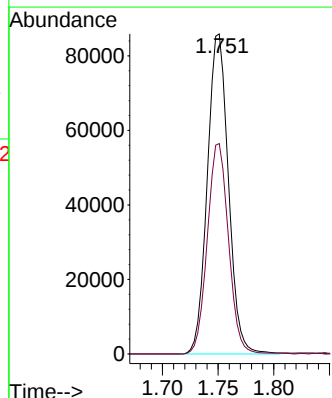
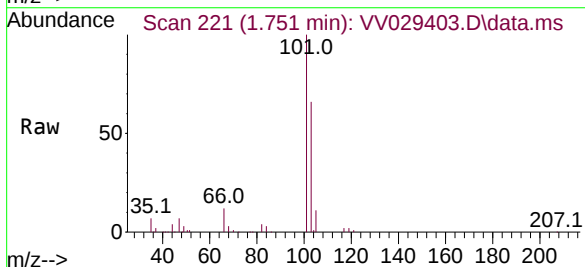
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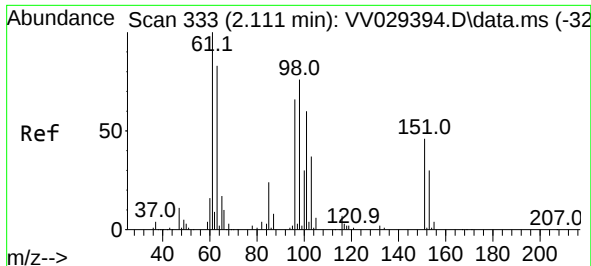
Tgt Ion: 64 Resp: 50905
Ion Ratio Lower Upper
64 100
66 32.8 23.5 43.7



#9
Trichlorofluoromethane
Concen: 5.023 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV029403.D
Acq: 06 Dec 2022 09:44

Tgt Ion:101 Resp: 113231
Ion Ratio Lower Upper
101 100
103 66.0 51.8 77.8

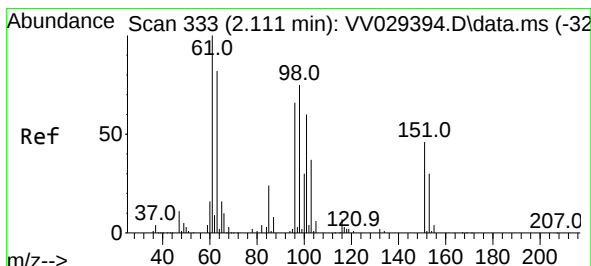
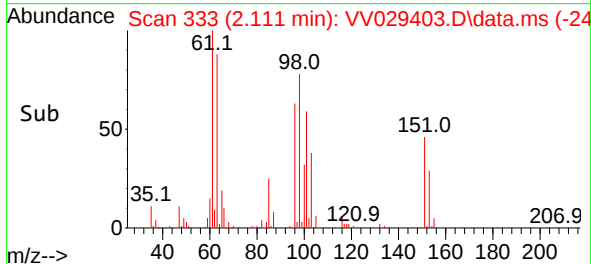
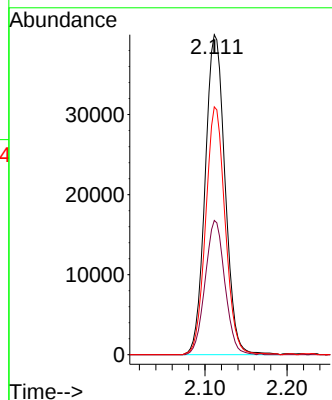
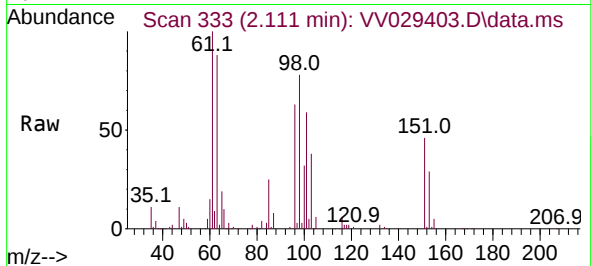




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.374 ug/L
 RT: 2.111 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV029403.D
 Acq: 06 Dec 2022 09:44

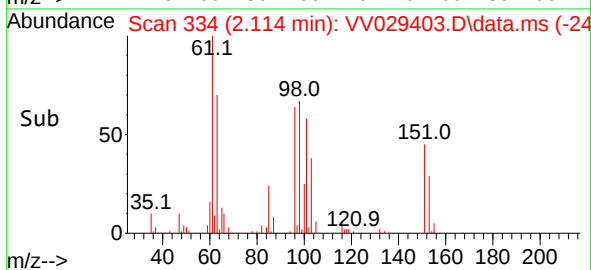
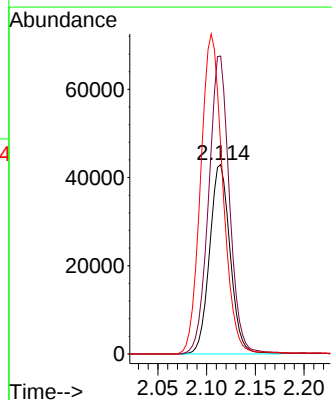
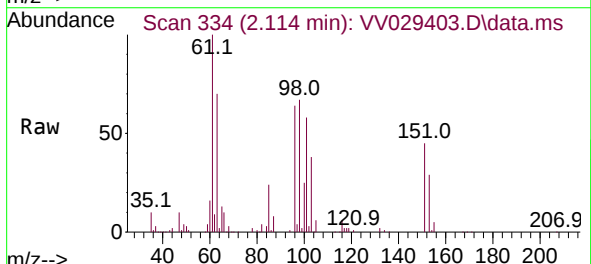
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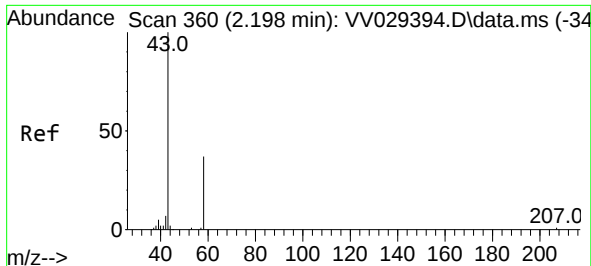
Tgt Ion:101 Resp: 67538
 Ion Ratio Lower Upper
 101 100
 85 41.5 33.6 50.4
 151 76.1 65.3 97.9



#12
 1,1-Dichloroethene
 Concen: 5.175 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV029403.D
 Acq: 06 Dec 2022 09:44

Tgt Ion: 96 Resp: 62907
 Ion Ratio Lower Upper
 96 100
 61 157.3 110.3 204.9
 63 110.0 84.4 156.8





#13

Acetone

Concen: 48.354 ug/L

RT: 2.204 min Scan# 362

Delta R.T. 0.000 min

Lab File: VV029403.D

Acq: 06 Dec 2022 09:44

Instrument :

MSVOA_V

ClientSampleId :

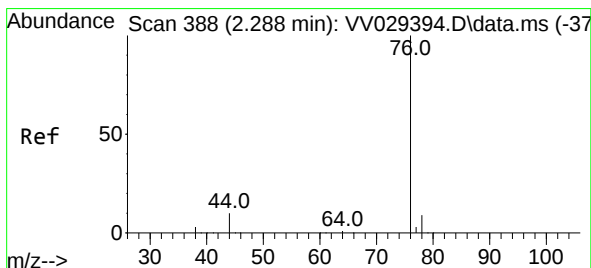
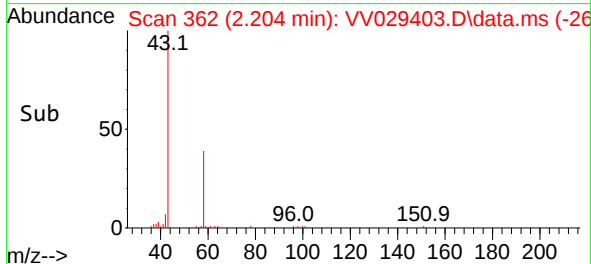
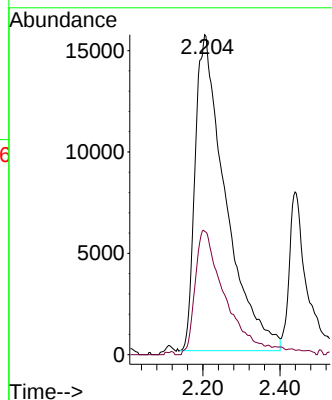
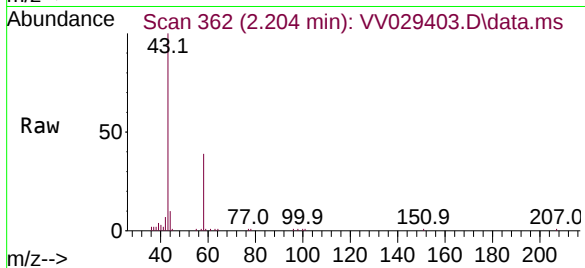
VSTD005378

Tgt Ion: 43 Resp: 85561

Ion Ratio Lower Upper

43 100

58 37.9 0.0 70.8



#14

Carbon disulfide

Concen: 5.184 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.003 min

Lab File: VV029403.D

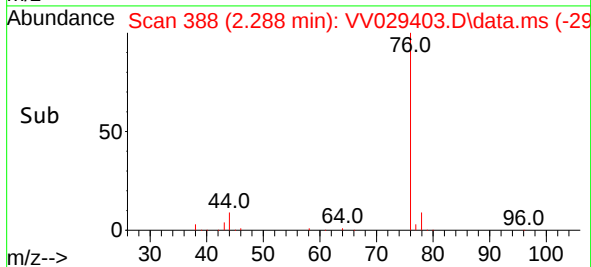
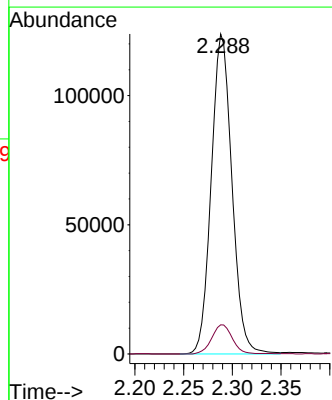
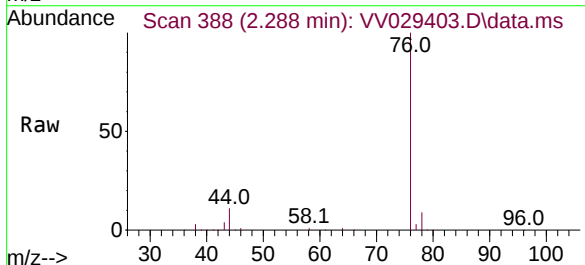
Acq: 06 Dec 2022 09:44

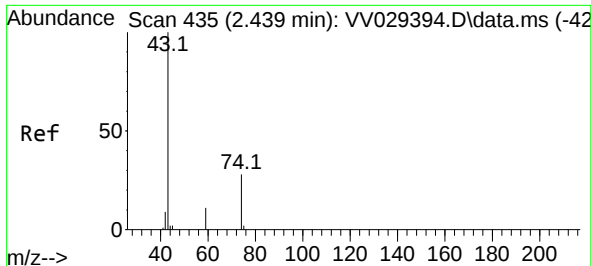
Tgt Ion: 76 Resp: 183100

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

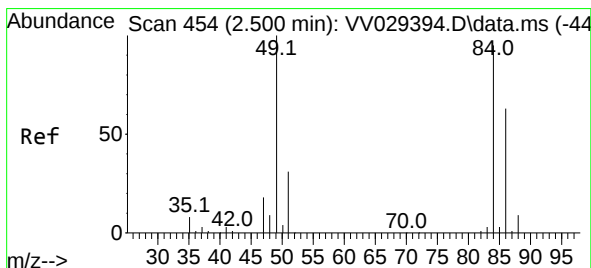
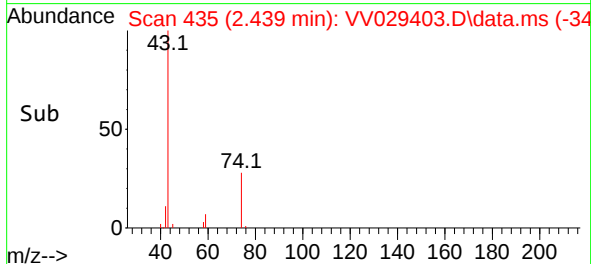
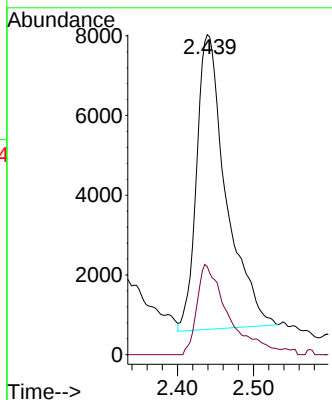
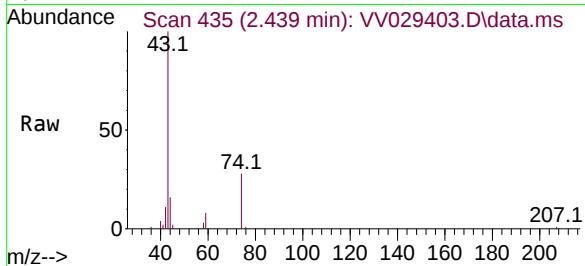




#15
Methyl Acetate
Concen: 3.924 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV029403.D
Acq: 06 Dec 2022 09:44

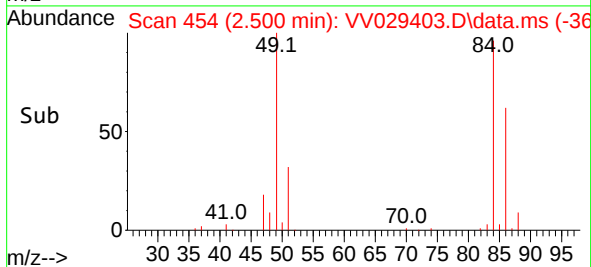
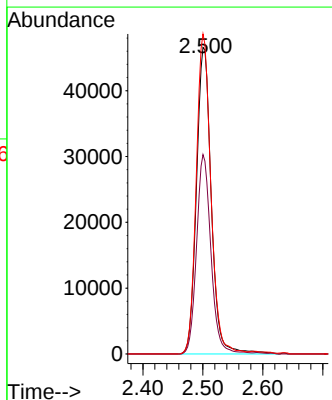
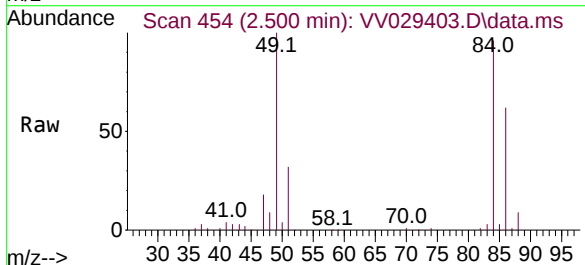
Instrument :
MSVOA_V
ClientSampleId :
VSTD005378

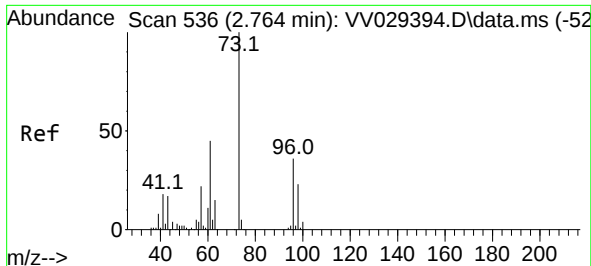
Tgt Ion: 43 Resp: 19957
Ion Ratio Lower Upper
43 100
74 32.5 19.6 29.4#



#16
Methylene chloride
Concen: 4.327 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.003 min
Lab File: VV029403.D
Acq: 06 Dec 2022 09:44

Tgt Ion: 84 Resp: 80355
Ion Ratio Lower Upper
84 100
86 65.0 45.6 84.6
49 104.4 77.8 144.4

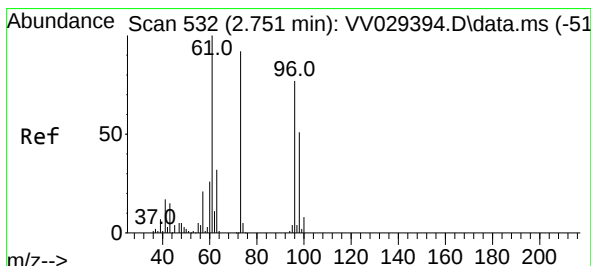
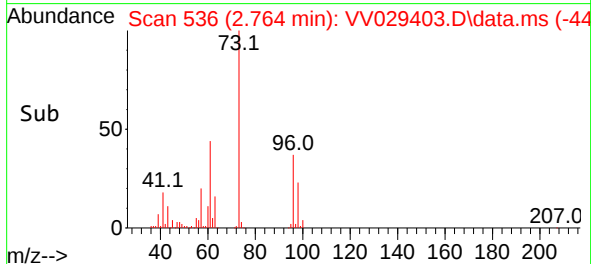
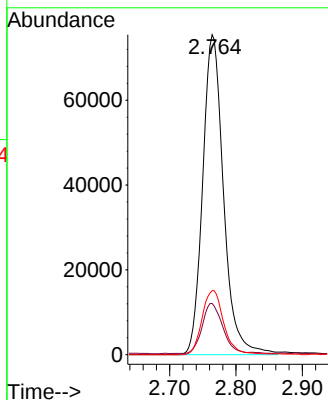
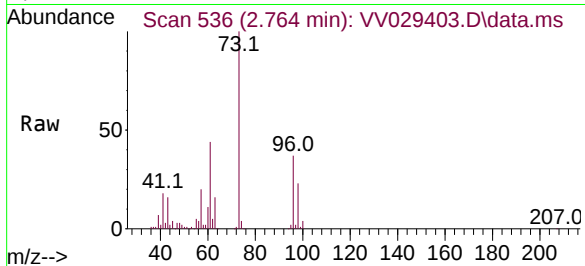




#17
Methyl tert-butyl Ether
Concen: 5.311 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV029403.D
Acq: 06 Dec 2022 09:44

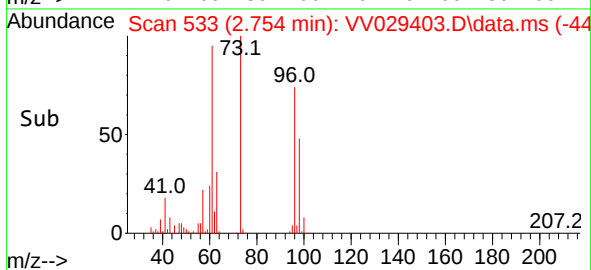
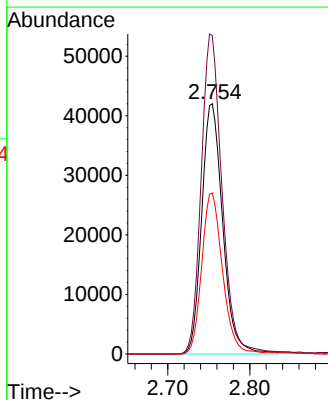
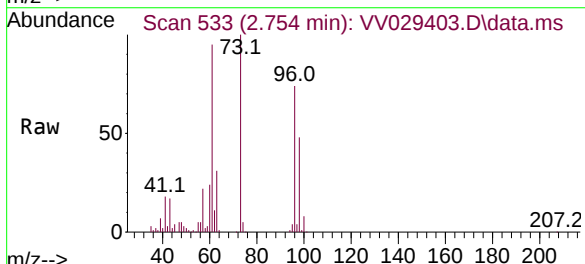
Instrument :
MSVOA_V
ClientSampleId :
VSTD005378

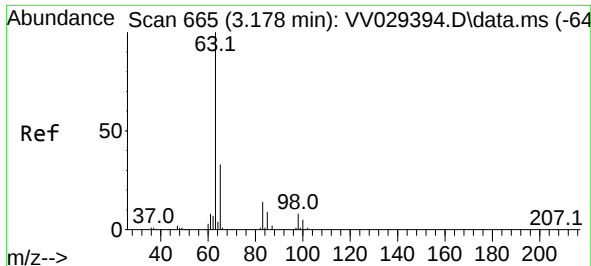
Tgt Ion: 73 Resp: 165043
Ion Ratio Lower Upper
73 100
43 15.2 13.2 19.8
57 20.8 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 5.359 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.000 min
Lab File: VV029403.D
Acq: 06 Dec 2022 09:44

Tgt Ion: 96 Resp: 74762
Ion Ratio Lower Upper
96 100
61 127.2 93.0 172.6
98 64.3 44.0 81.8

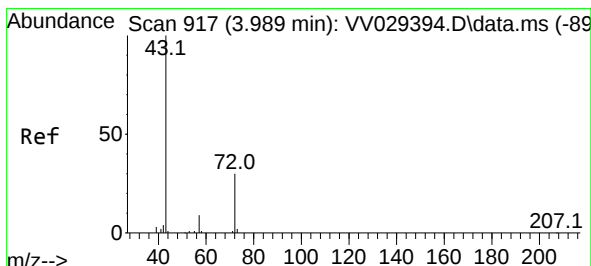
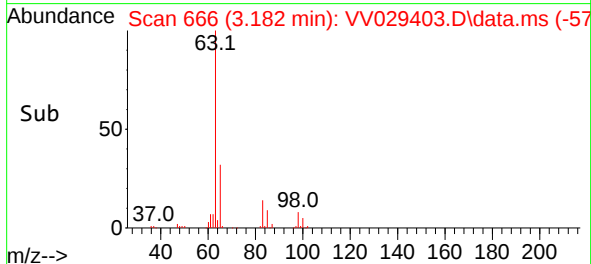
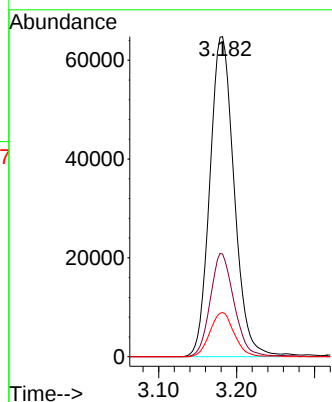
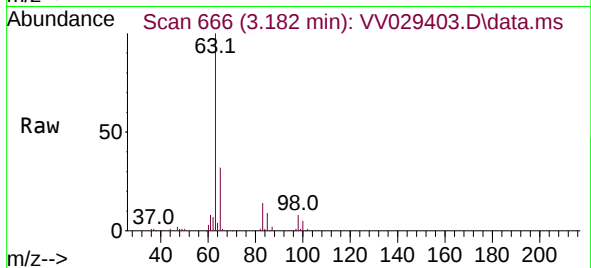




#19
1,1-Dichloroethane
Concen: 5.592 ug/L
RT: 3.182 min Scan# 666
Delta R.T. 0.000 min
Lab File: VV029403.D
Acq: 06 Dec 2022 09:44

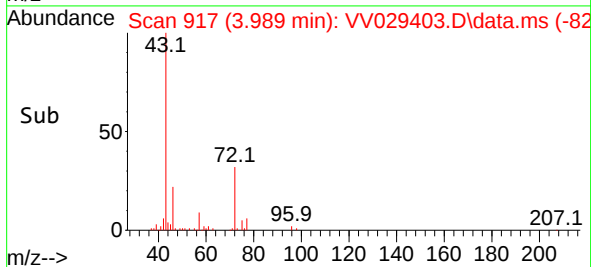
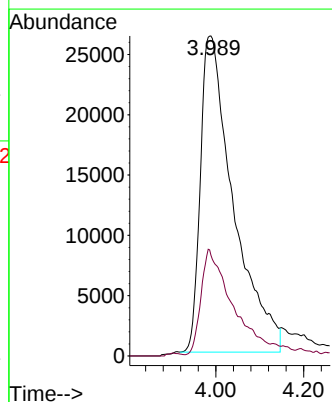
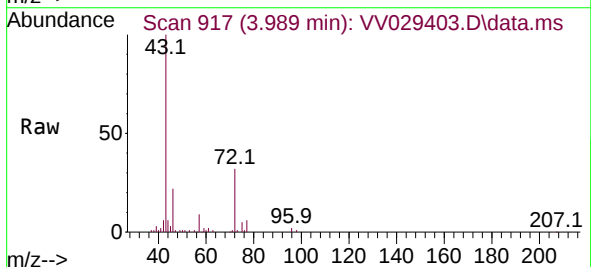
Instrument :
MSVOA_V
ClientSampleId :
VSTD005378

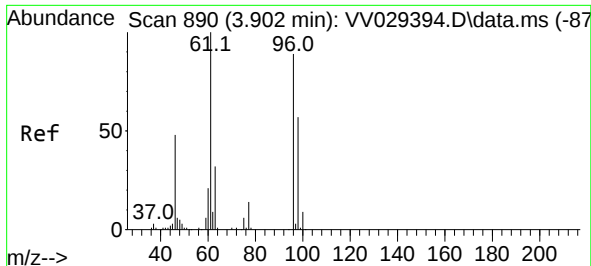
Tgt Ion: 63 Resp: 140392
Ion Ratio Lower Upper
63 100
65 32.1 21.6 40.2
83 13.8 10.3 19.1



#21
2-Butanone
Concen: 49.407 ug/L
RT: 3.989 min Scan# 917
Delta R.T. 0.003 min
Lab File: VV029403.D
Acq: 06 Dec 2022 09:44

Tgt Ion: 43 Resp: 136860
Ion Ratio Lower Upper
43 100
72 31.3 13.8 41.3

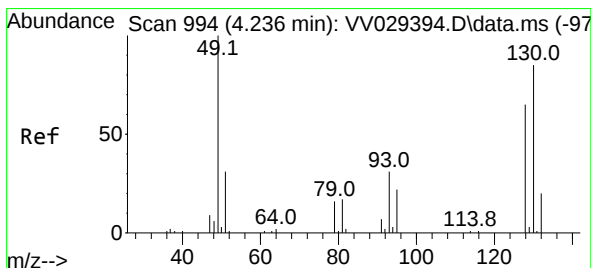
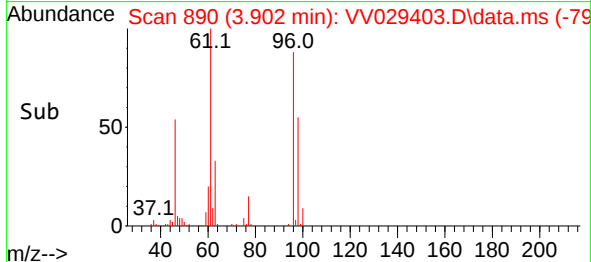
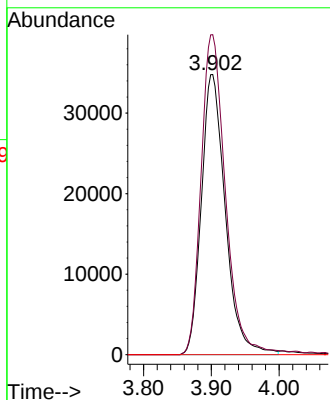
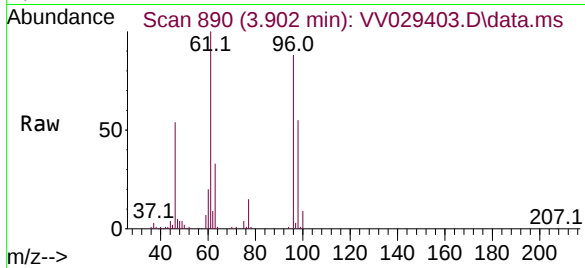




#22
 cis-1,2-Dichloroethene
 Concen: 5.352 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. 0.000 min
 Lab File: VV029403.D
 Acq: 06 Dec 2022 09:44

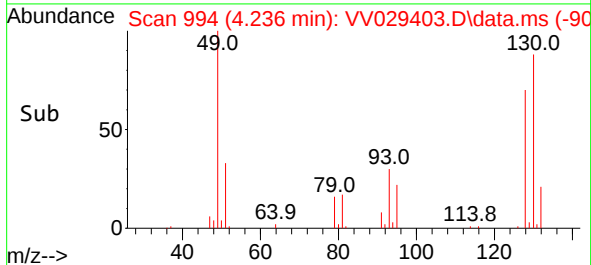
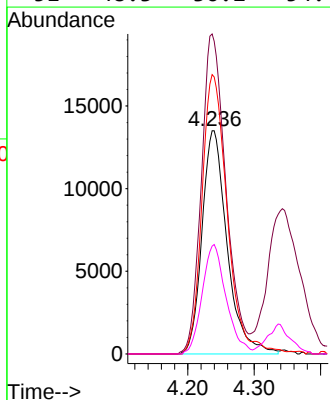
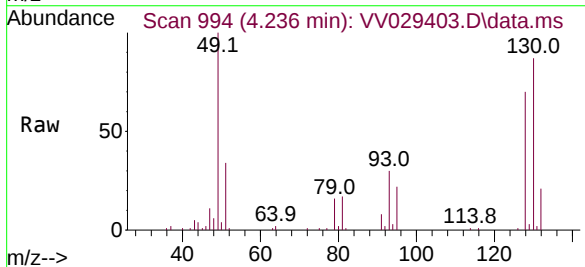
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005378

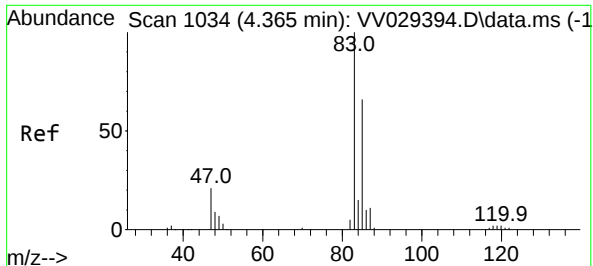
Tgt Ion: 96 Resp: 85394
 Ion Ratio Lower Upper
 96 100
 61 114.2 85.8 159.3
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.550 ug/L
 RT: 4.236 min Scan# 994
 Delta R.T. -0.003 min
 Lab File: VV029403.D
 Acq: 06 Dec 2022 09:44

Tgt Ion: 128 Resp: 35476
 Ion Ratio Lower Upper
 128 100
 49 143.3 100.0 185.8
 130 125.1 90.2 167.6
 51 48.3 36.2 54.4





#25

Chloroform

Concen: 5.532 ug/L

RT: 4.362 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV029403.D

Acq: 06 Dec 2022 09:44

Instrument :

MSVOA_V

ClientSampleId :

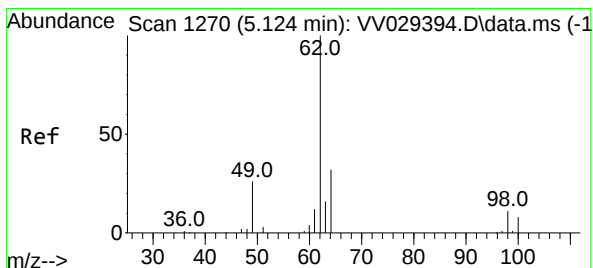
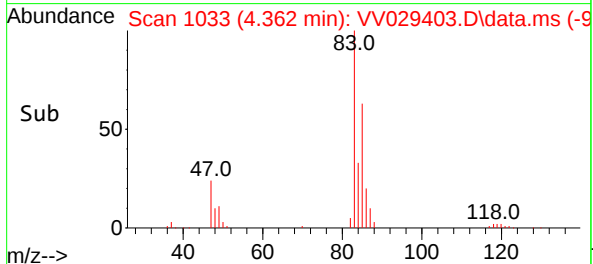
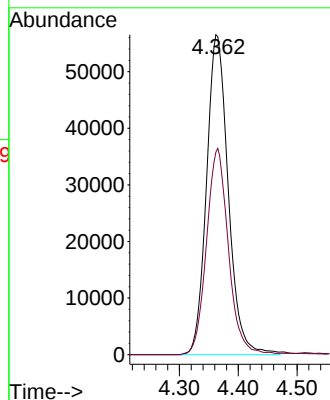
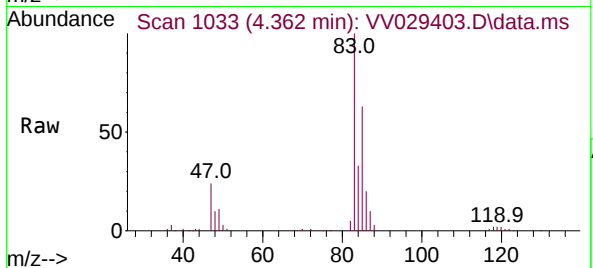
VSTD005378

Tgt Ion: 83 Resp: 145022

Ion Ratio Lower Upper

83 100

85 63.3 45.4 84.4



#27

1,2-Dichloroethane

Concen: 5.101 ug/L

RT: 5.121 min Scan# 1269

Delta R.T. -0.003 min

Lab File: VV029403.D

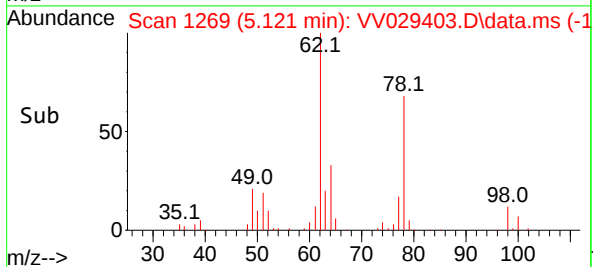
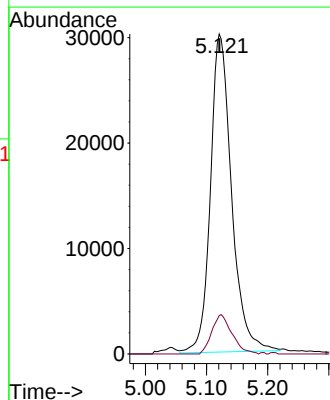
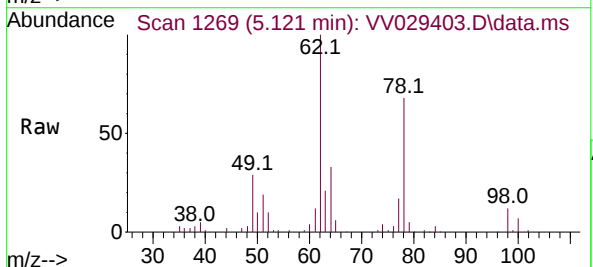
Acq: 06 Dec 2022 09:44

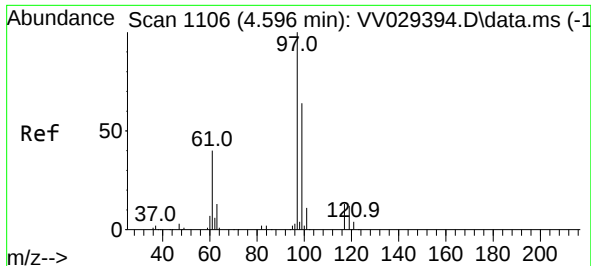
Tgt Ion: 62 Resp: 72459

Ion Ratio Lower Upper

62 100

98 12.0 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 5.183 ug/L

RT: 4.597 min Scan# 1106

Delta R.T. -0.003 min

Lab File: VV029403.D

Acq: 06 Dec 2022 09:44

Instrument :

MSVOA_V

ClientSampleId :

VSTD005378

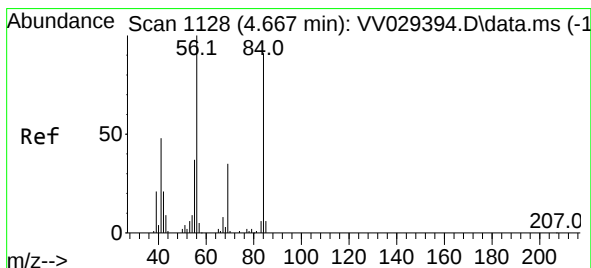
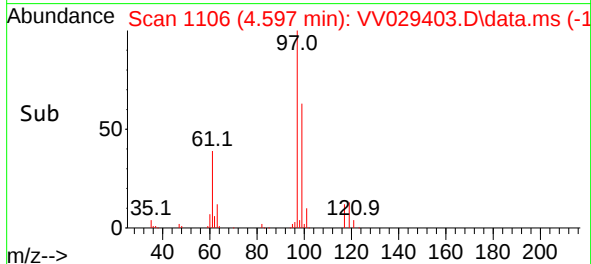
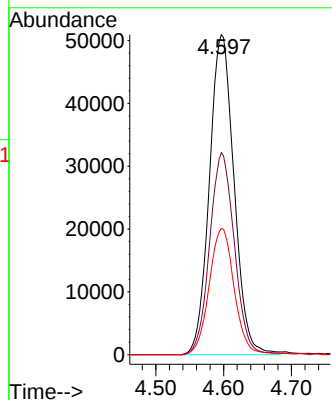
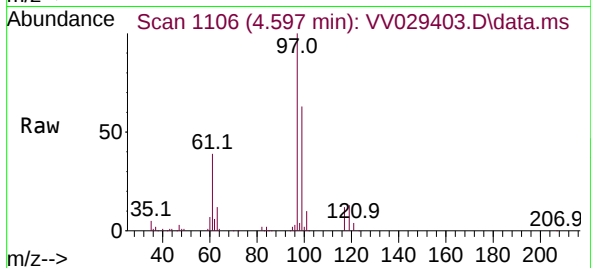
Tgt Ion: 97 Resp: 128710

Ion Ratio Lower Upper

97 100

99 63.3 51.2 76.8

61 40.0 33.3 49.9



#30

Cyclohexane

Concen: 4.631 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VV029403.D

Acq: 06 Dec 2022 09:44

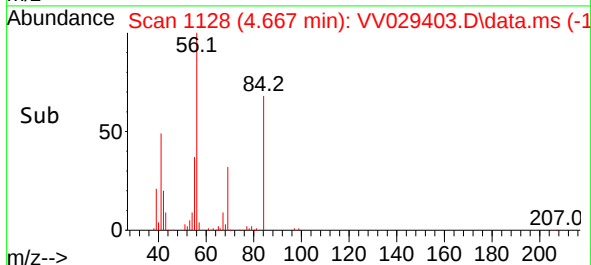
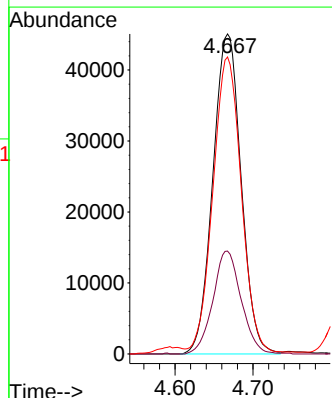
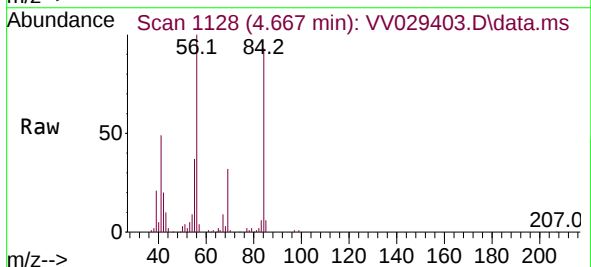
Tgt Ion: 56 Resp: 113657

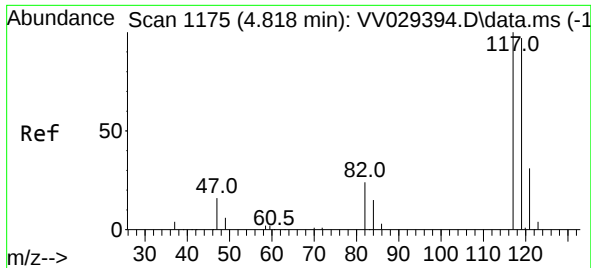
Ion Ratio Lower Upper

56 100

69 32.2 26.1 39.1

84 92.6 75.6 113.4

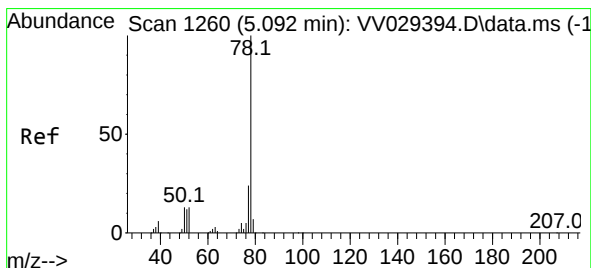
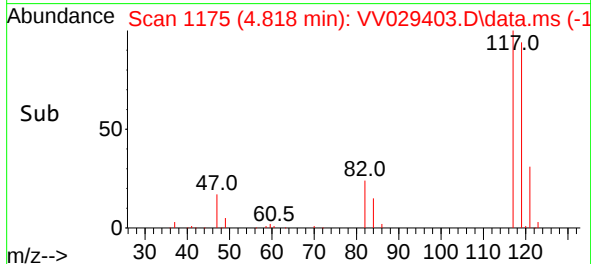
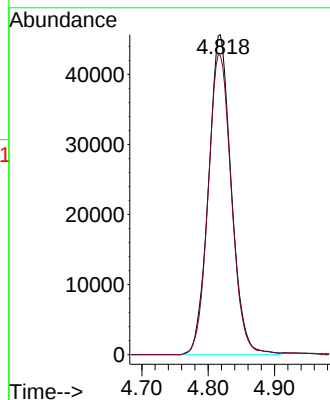
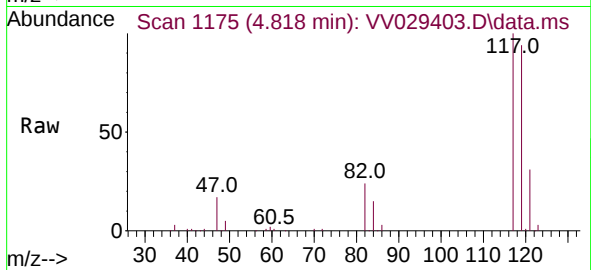




#31
Carbon tetrachloride
Concen: 5.185 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VV029403.D
Acq: 06 Dec 2022 09:44

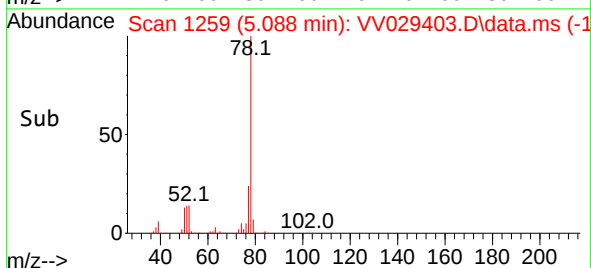
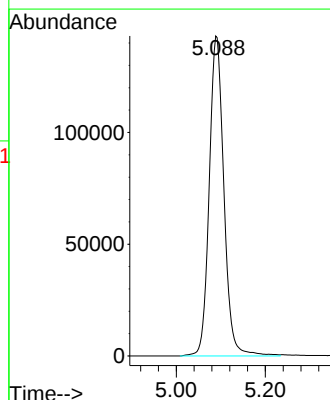
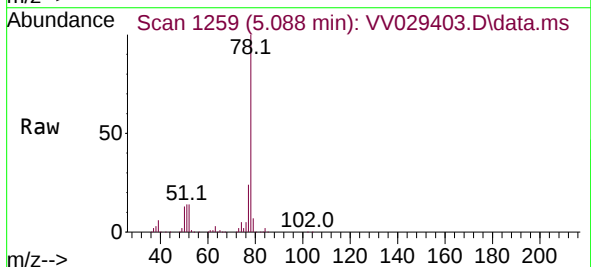
Instrument :
MSVOA_V
ClientSampleId :
VSTD005378

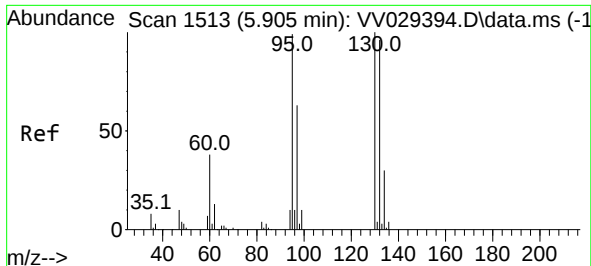
Tgt Ion:117 Resp: 108879
Ion Ratio Lower Upper
117 100
119 96.0 75.7 113.5



#33
Benzene
Concen: 5.052 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VV029403.D
Acq: 06 Dec 2022 09:44

Tgt Ion: 78 Resp: 326168



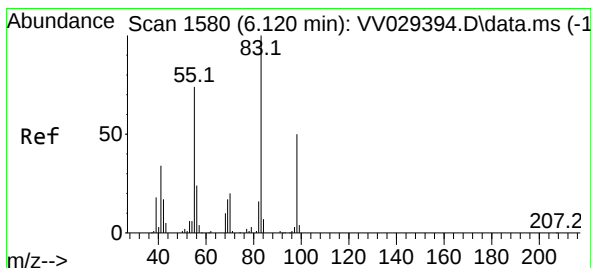
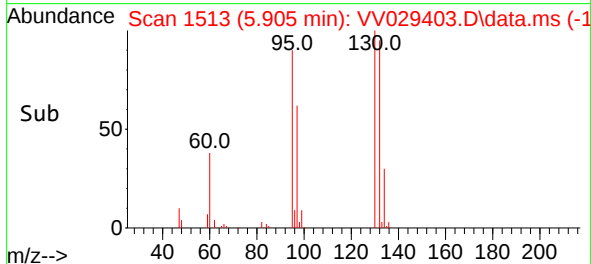
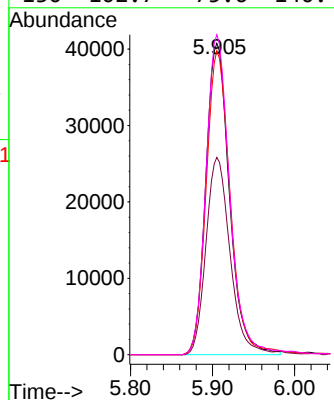
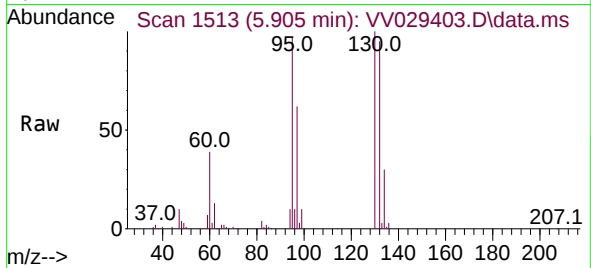


#34
Trichloroethene
Concen: 4.961 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VV029403.D
Acq: 06 Dec 2022 09:44

Instrument :
MSVOA_V
ClientSampleId :
VSTD005378

Tgt Ion: 95 Resp: 81722

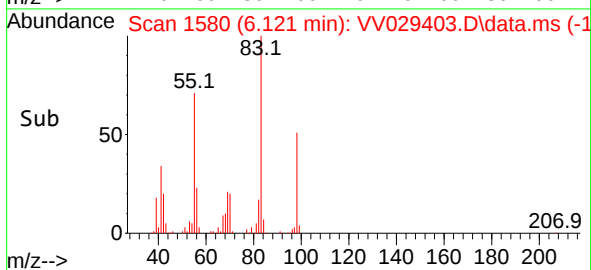
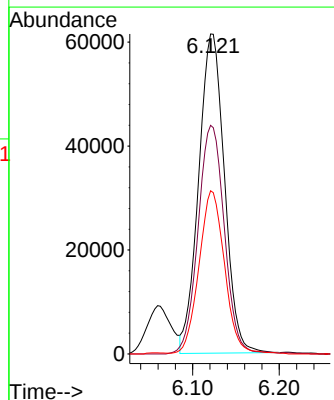
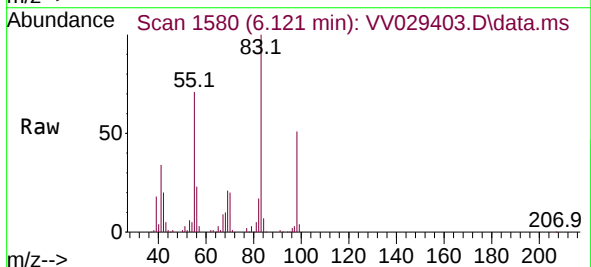
Ion	Ratio	Lower	Upper
95	100		
97	63.4	45.4	84.4
132	97.6	73.3	136.1
130	102.7	75.6	140.4

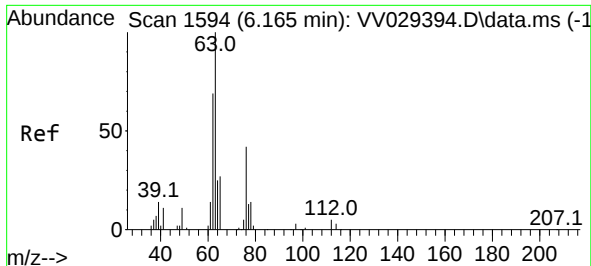


#35
Methylcyclohexane
Concen: 4.571 ug/L
RT: 6.121 min Scan# 1580
Delta R.T. -0.003 min
Lab File: VV029403.D
Acq: 06 Dec 2022 09:44

Tgt Ion: 83 Resp: 127099

Ion	Ratio	Lower	Upper
83	100		
55	73.2	55.4	83.2
98	50.9	39.4	59.2





#37

1,2-Dichloropropane

Concen: 5.306 ug/L

RT: 6.166 min Scan# 1594

Delta R.T. 0.000 min

Lab File: VV029403.D

Acq: 06 Dec 2022 09:44

Instrument :

MSVOA_V

ClientSampleId :

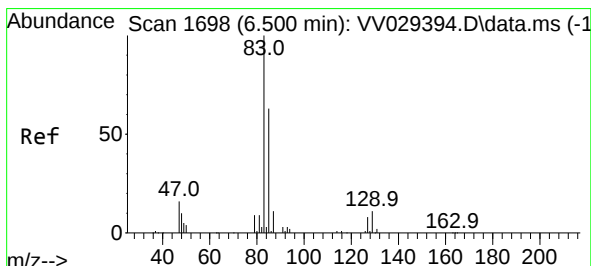
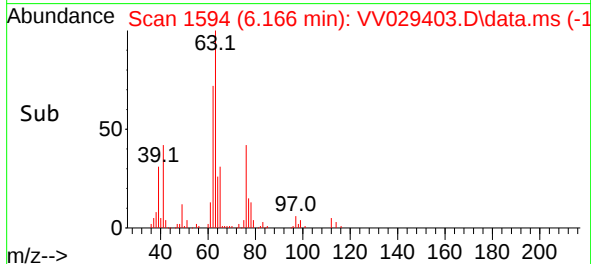
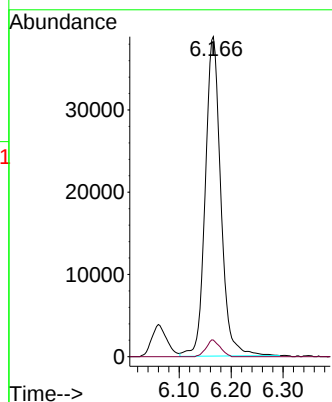
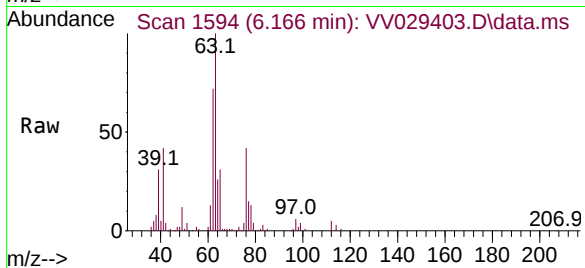
VSTD005378

Tgt Ion: 63 Resp: 80711

Ion Ratio Lower Upper

63 100

112 4.8 4.1 6.1



#38

Bromodichloromethane

Concen: 5.653 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. -0.003 min

Lab File: VV029403.D

Acq: 06 Dec 2022 09:44

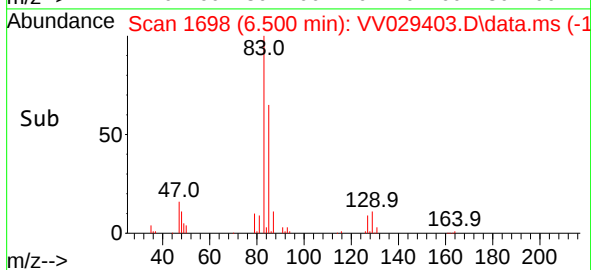
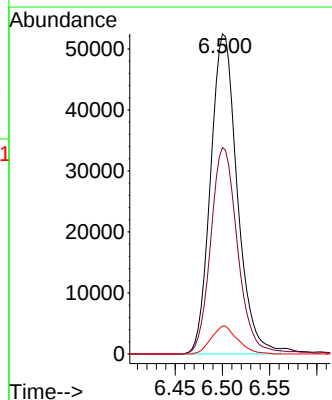
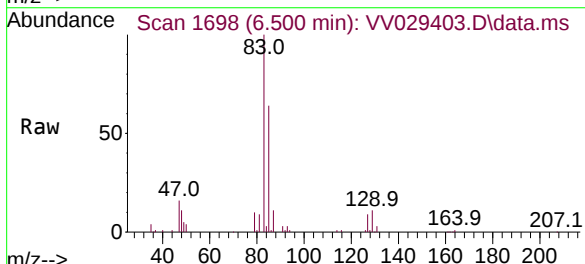
Tgt Ion: 83 Resp: 102930

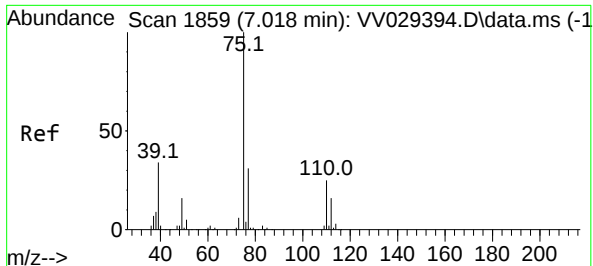
Ion Ratio Lower Upper

83 100

85 64.5 44.7 83.1

127 8.7 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 5.259 ug/L

RT: 7.018 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV029403.D

Acq: 06 Dec 2022 09:44

Instrument :

MSVOA_V

ClientSampleId :

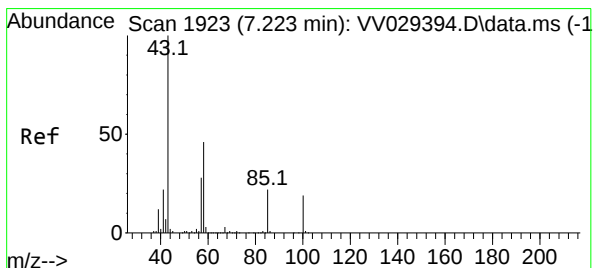
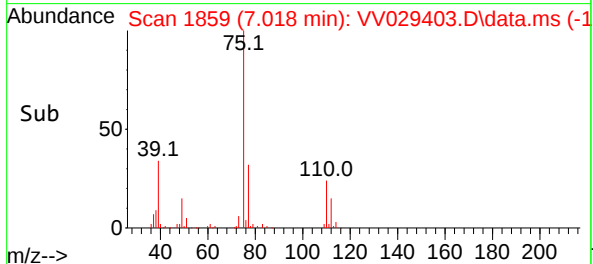
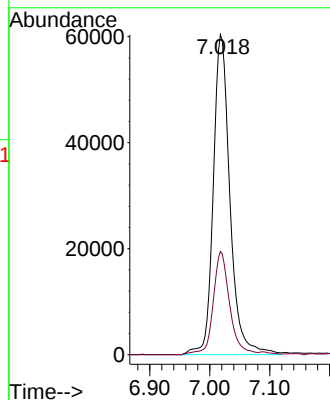
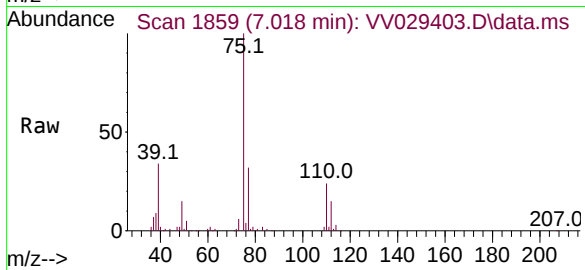
VSTD005378

Tgt Ion: 75 Resp: 116934

Ion Ratio Lower Upper

75 100

77 32.3 22.7 42.3



#40

4-Methyl-2-pentanone

Concen: 51.629 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV029403.D

Acq: 06 Dec 2022 09:44

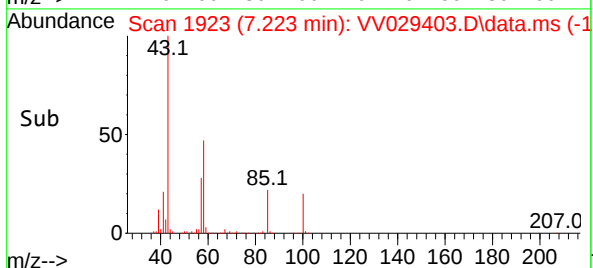
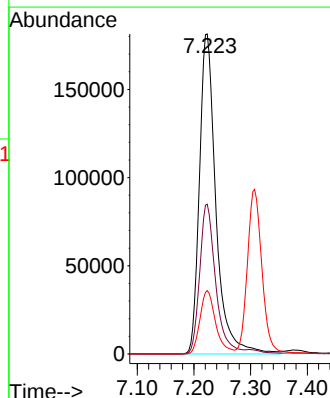
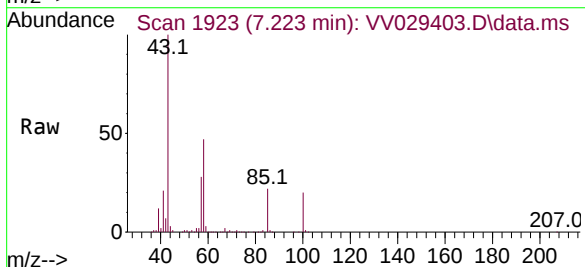
Tgt Ion: 43 Resp: 367467

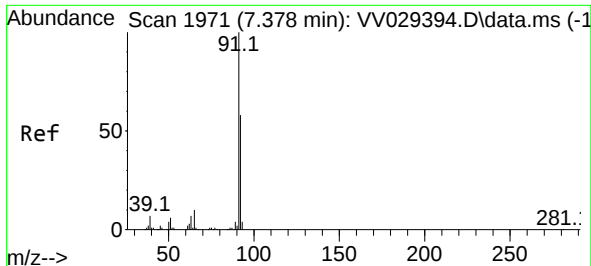
Ion Ratio Lower Upper

43 100

58 45.1 35.3 52.9

100 18.8 15.3 22.9





#42

Toluene

Concen: 5.045 ug/L

RT: 7.378 min Scan# 1971

Delta R.T. 0.000 min

Lab File: VV029403.D

Acq: 06 Dec 2022 09:44

Instrument :

MSVOA_V

ClientSampleId :

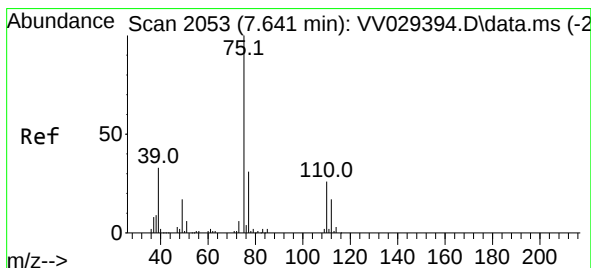
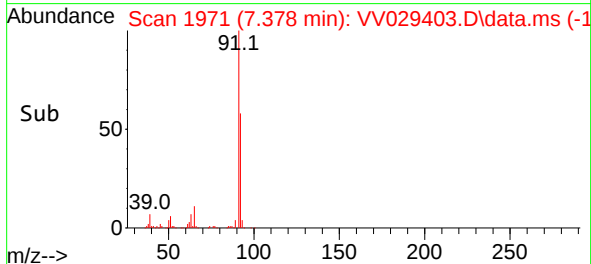
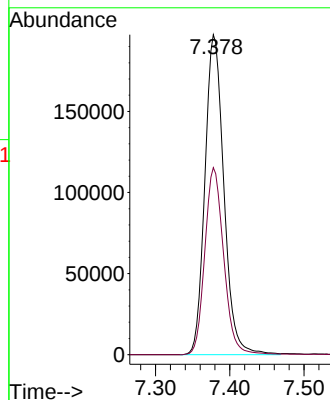
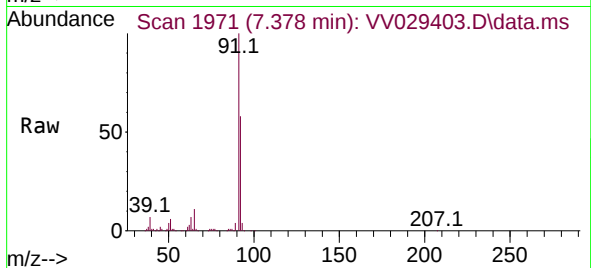
VSTD005378

Tgt Ion: 91 Resp: 349598

Ion Ratio Lower Upper

91 100

92 58.5 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.280 ug/L

RT: 7.641 min Scan# 2053

Delta R.T. 0.000 min

Lab File: VV029403.D

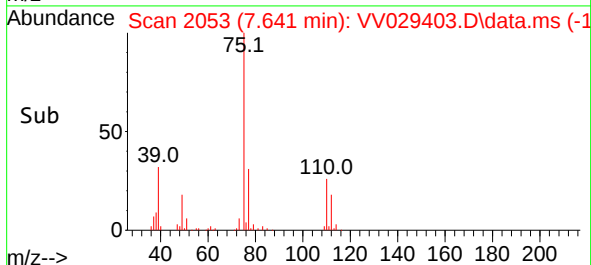
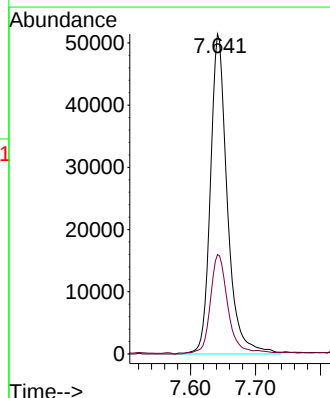
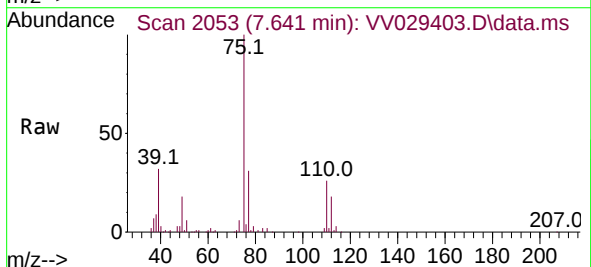
Acq: 06 Dec 2022 09:44

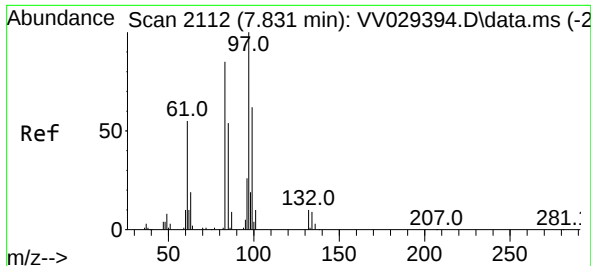
Tgt Ion: 75 Resp: 92992

Ion Ratio Lower Upper

75 100

77 31.0 22.4 41.6

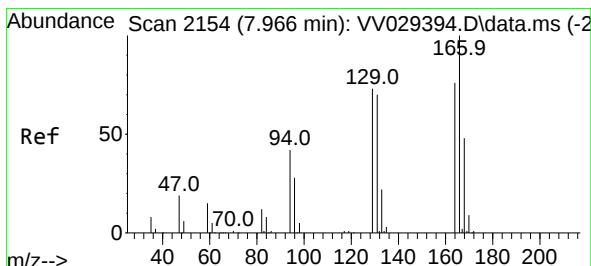
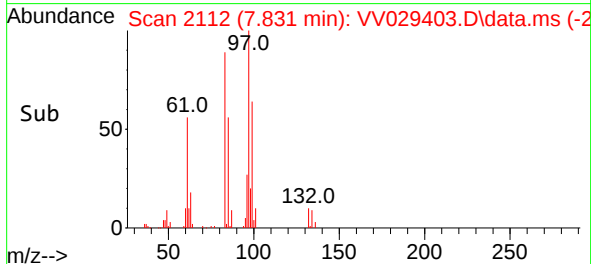
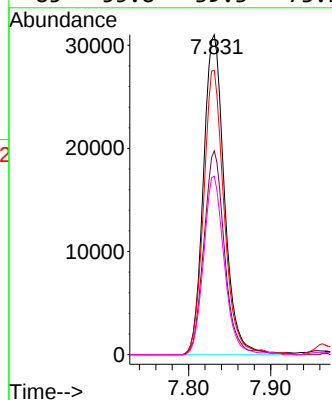
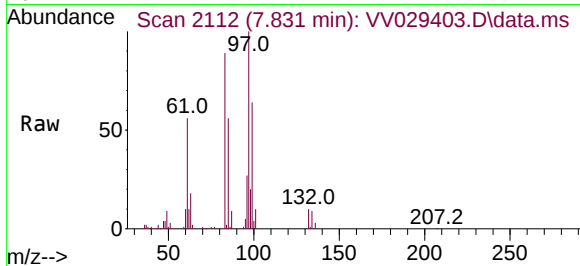




#45
1,1,2-Trichloroethane
Concen: 5.338 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VV029403.D
Acq: 06 Dec 2022 09:44

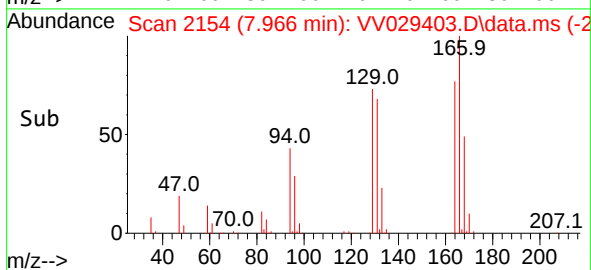
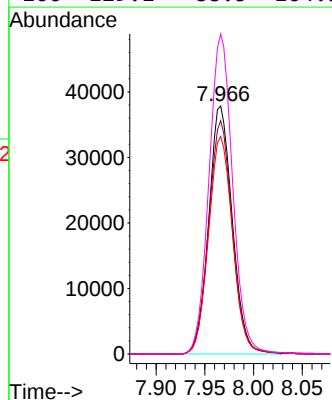
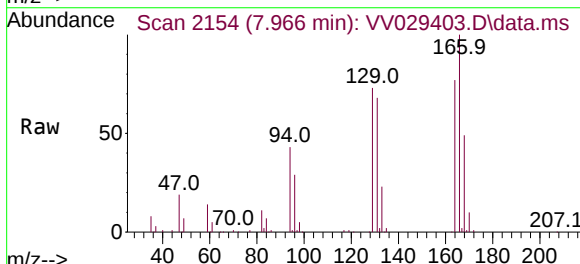
Instrument :
MSVOA_V
ClientSampleId :
VSTD005378

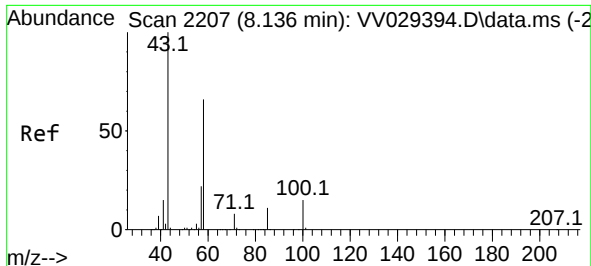
Tgt Ion: 97	Resp: 54966
Ion Ratio	Lower Upper
97 100	
99 63.7	44.4 82.5
83 88.9	59.5 110.5
85 55.8	39.3 73.1



#47
Tetrachloroethene
Concen: 4.720 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VV029403.D
Acq: 06 Dec 2022 09:44

Tgt	Ion:164	Resp:	63730
Ion	Ratio	Lower	Upper
164	100		
129	94.1	61.7	114.7
131	87.7	62.9	116.9
166	129.1	88.5	164.3

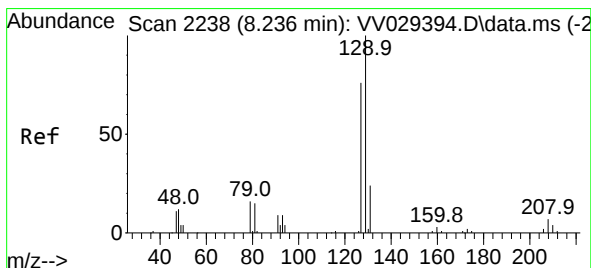
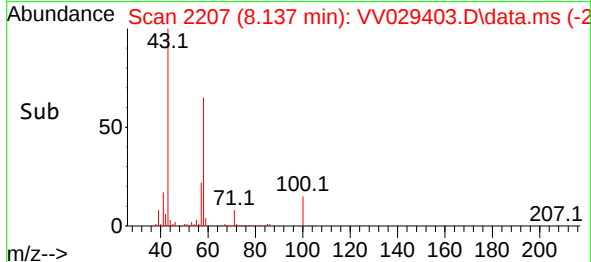
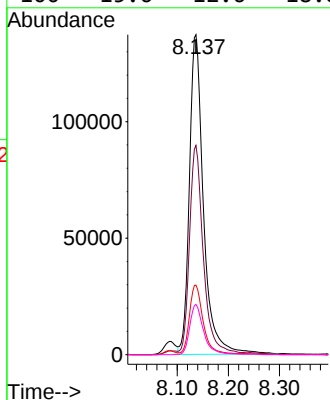
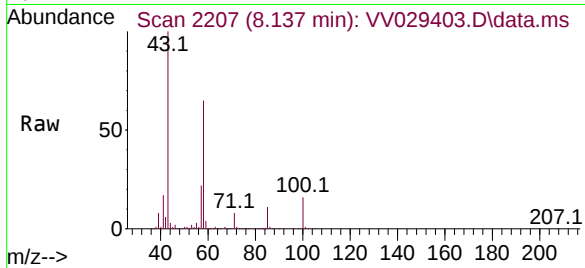




#48
2-Hexanone
Concen: 52.952 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029403.D
Acq: 06 Dec 2022 09:44

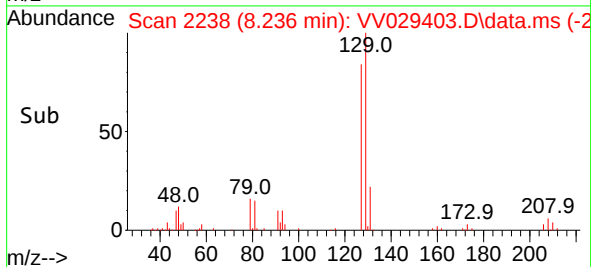
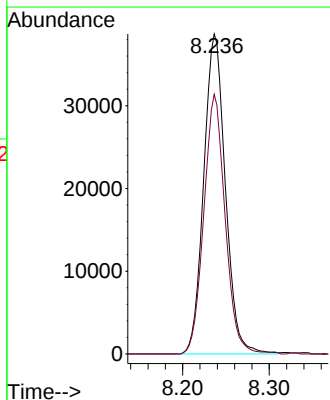
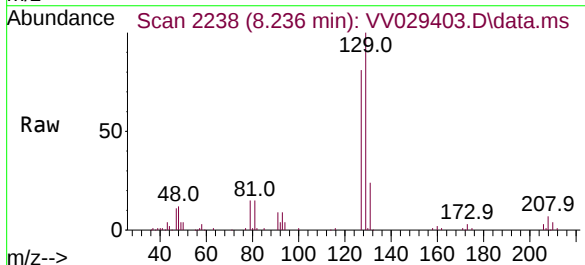
Instrument :
MSVOA_V
ClientSampleId :
VSTD005378

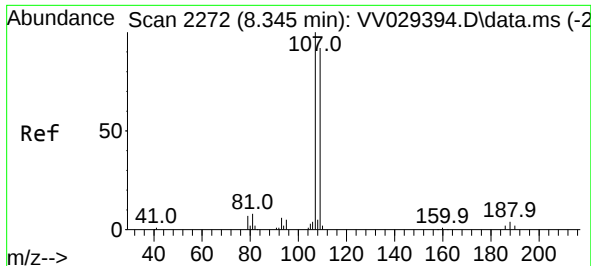
Tgt Ion: 43 Resp: 262737
Ion Ratio Lower Upper
43 100
58 62.8 49.4 74.0
57 20.8 16.9 25.3
100 15.6 12.6 18.8



#49
Dibromochloromethane
Concen: 5.794 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VV029403.D
Acq: 06 Dec 2022 09:44

Tgt Ion: 129 Resp: 67116
Ion Ratio Lower Upper
129 100
127 81.2 53.1 98.7





#50

1,2-Dibromoethane

Concen: 5.449 ug/L

RT: 8.342 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV029403.D

Acq: 06 Dec 2022 09:44

Instrument :

MSVOA_V

ClientSampleId :

VSTD005378

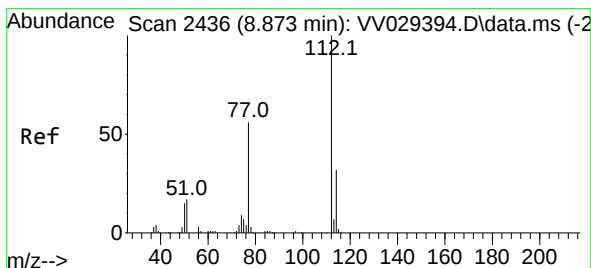
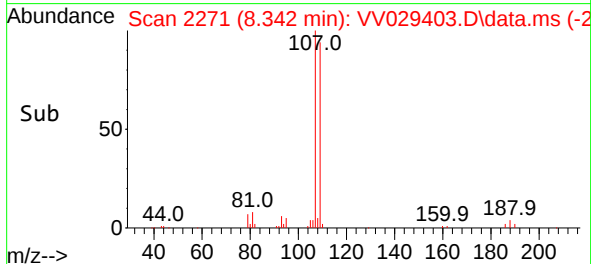
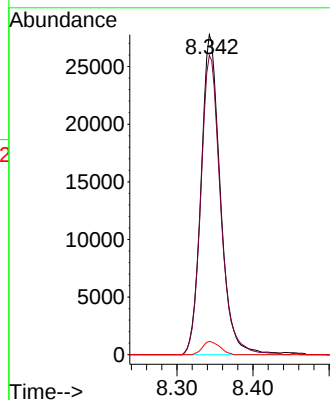
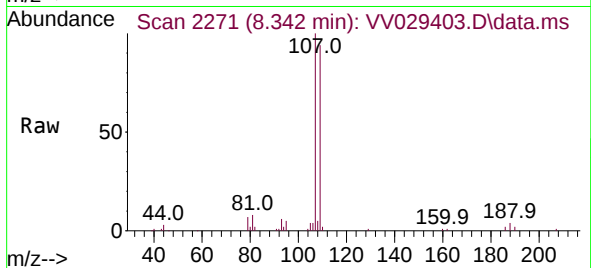
Tgt Ion:107 Resp: 48964

Ion Ratio Lower Upper

107 100

109 93.5 64.0 118.8

188 4.1 3.0 4.4



#51

Chlorobenzene

Concen: 5.159 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. 0.000 min

Lab File: VV029403.D

Acq: 06 Dec 2022 09:44

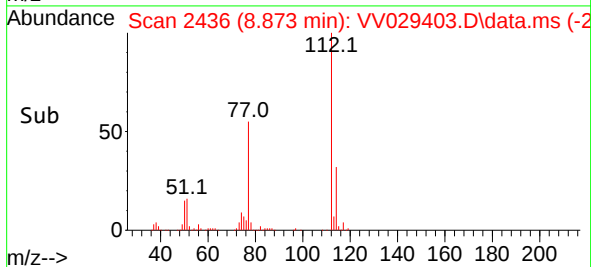
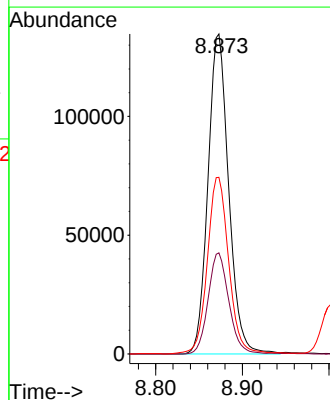
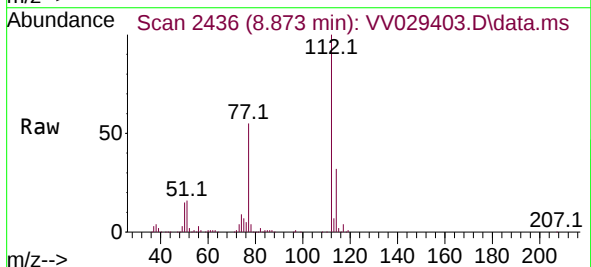
Tgt Ion:112 Resp: 223476

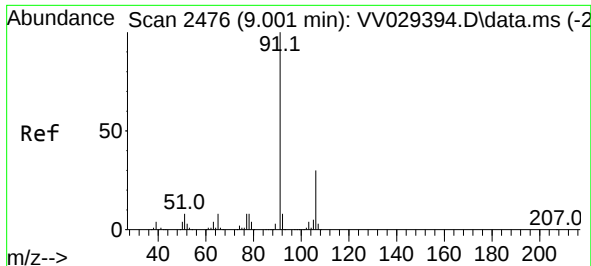
Ion Ratio Lower Upper

112 100

114 31.6 22.9 42.5

77 55.2 45.3 67.9





#52

Ethylbenzene

Concen: 5.211 ug/L

RT: 9.002 min Scan# 2476

Delta R.T. 0.000 min

Lab File: VV029403.D

Acq: 06 Dec 2022 09:44

Instrument :

MSVOA_V

ClientSampleId :

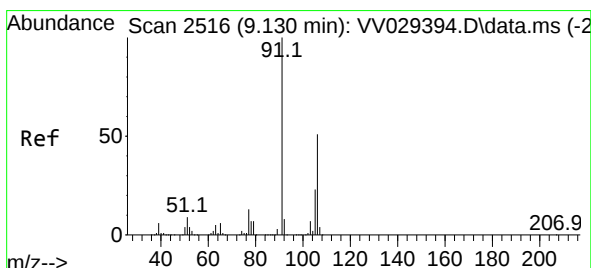
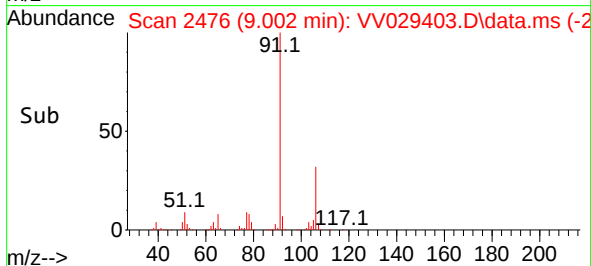
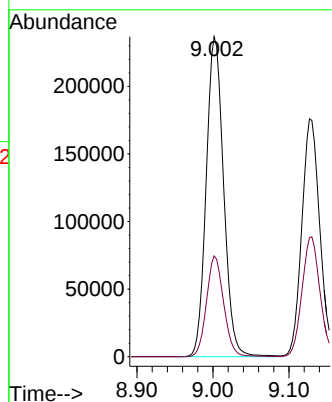
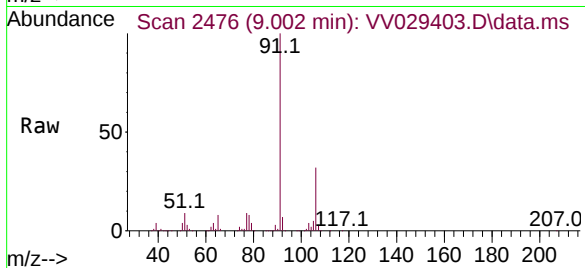
VSTD005378

Tgt Ion: 91 Resp: 376503

Ion Ratio Lower Upper

91 100

106 31.5 21.9 40.7



#53

m,p-Xylene

Concen: 5.155 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. 0.000 min

Lab File: VV029403.D

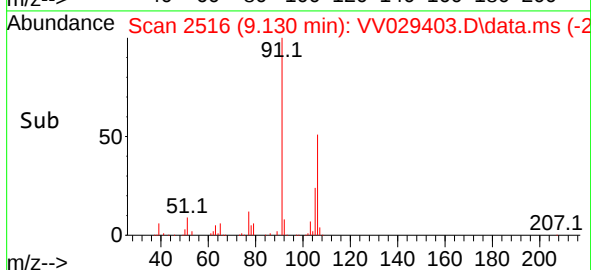
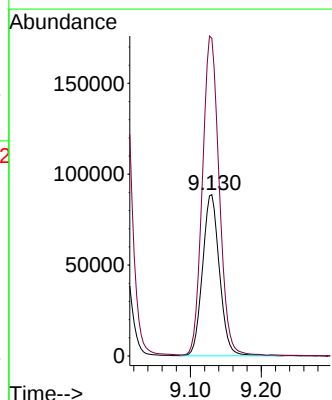
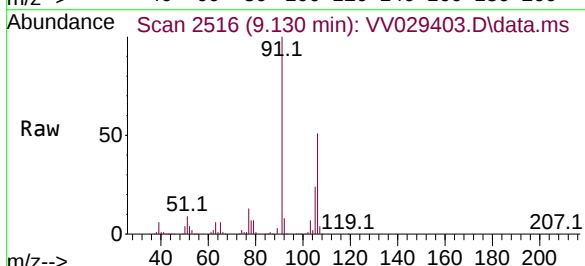
Acq: 06 Dec 2022 09:44

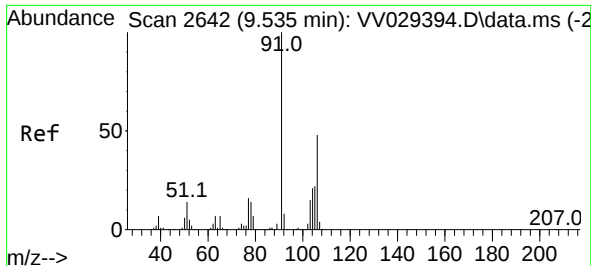
Tgt Ion: 106 Resp: 146900

Ion Ratio Lower Upper

106 100

91 197.0 140.6 261.2

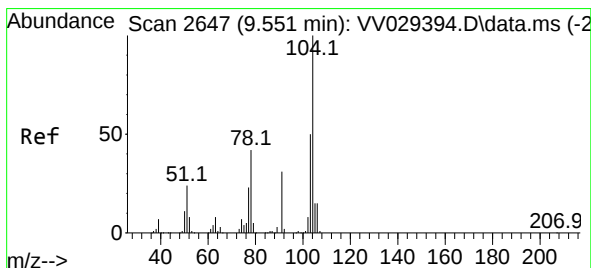
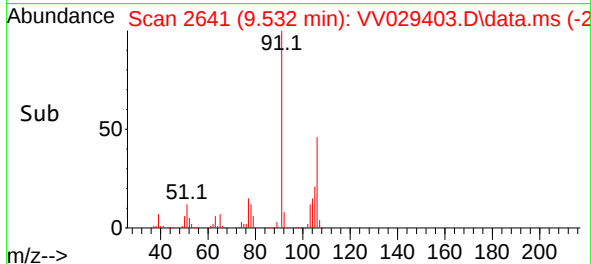
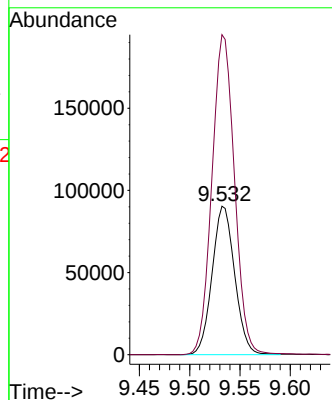
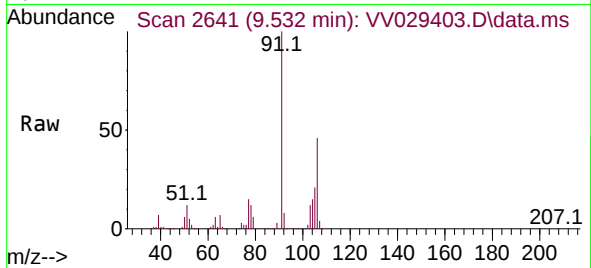




#54
o-Xylene
Concen: 5.042 ug/L
RT: 9.532 min Scan# 2641
Delta R.T. -0.003 min
Lab File: VV029403.D
Acq: 06 Dec 2022 09:44

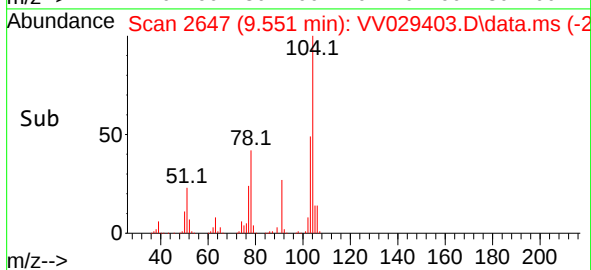
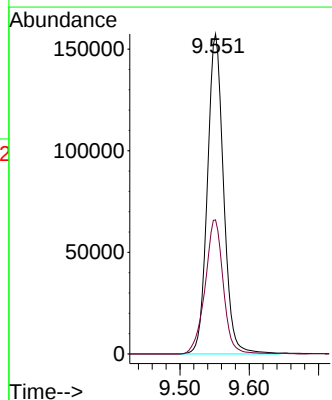
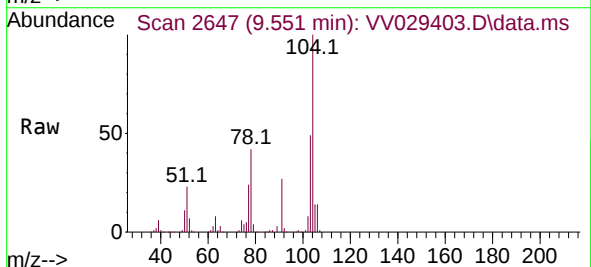
Instrument :
MSVOA_V
ClientSampleId :
VSTD005378

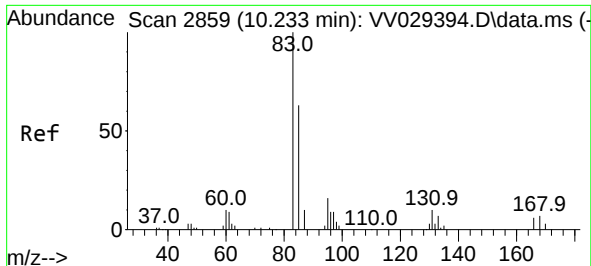
Tgt Ion:106 Resp: 141155
Ion Ratio Lower Upper
106 100
91 215.5 146.9 272.9



#55
Styrene
Concen: 5.389 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.000 min
Lab File: VV029403.D
Acq: 06 Dec 2022 09:44

Tgt Ion:104 Resp: 254666
Ion Ratio Lower Upper
104 100
78 41.9 29.9 55.5

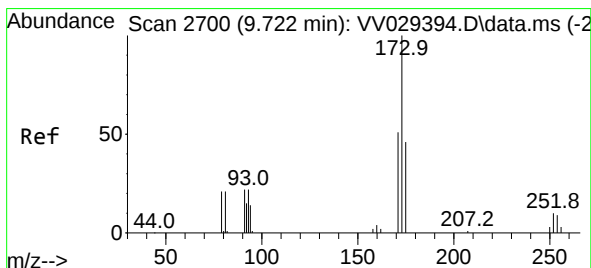
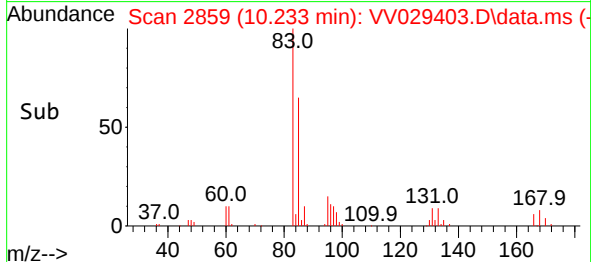
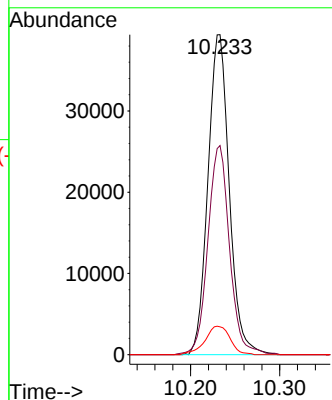
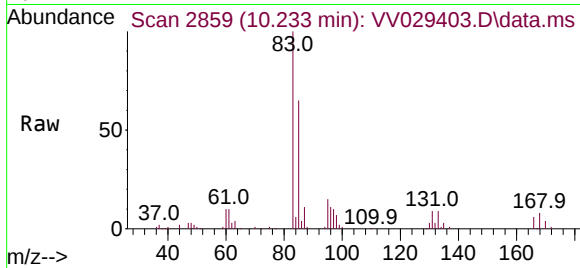




#57
1,1,2,2-Tetrachloroethane
Concen: 6.140 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VV029403.D
Acq: 06 Dec 2022 09:44

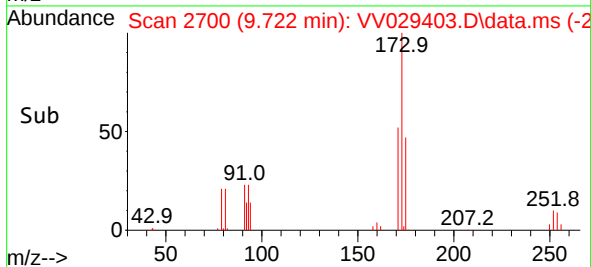
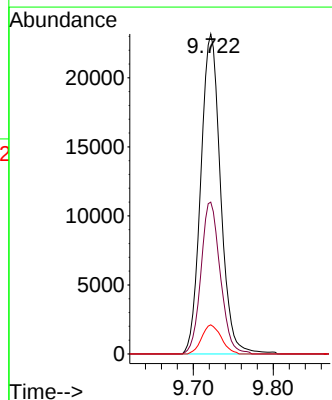
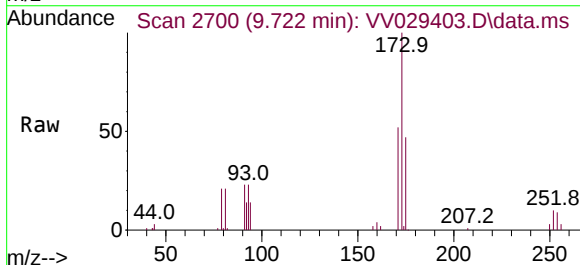
Instrument :
MSVOA_V
ClientSampleId :
VSTD005378

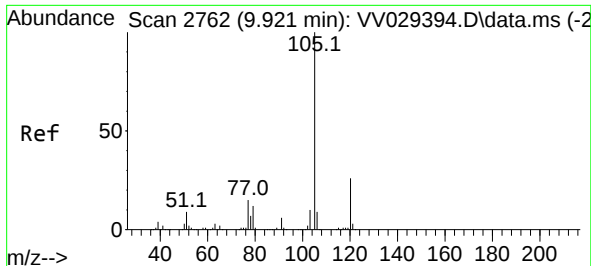
Tgt Ion: 83 Resp: 65426
Ion Ratio Lower Upper
83 100
85 65.4 45.5 84.5
131 8.7 8.2 12.2



#59
Bromoform
Concen: 6.486 ug/L
RT: 9.722 min Scan# 2700
Delta R.T. 0.000 min
Lab File: VV029403.D
Acq: 06 Dec 2022 09:44

Tgt Ion: 173 Resp: 39891
Ion Ratio Lower Upper
173 100
175 46.3 38.6 58.0
254 9.0 8.3 12.5

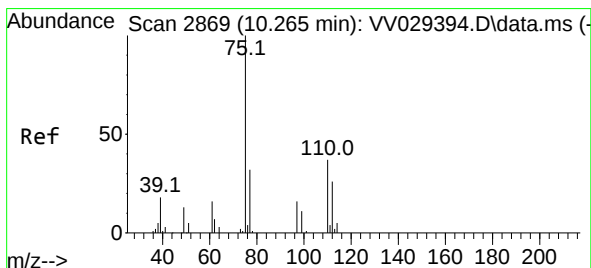
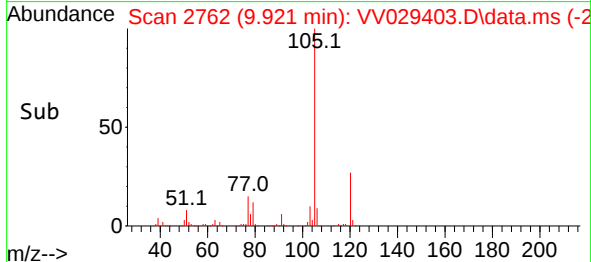
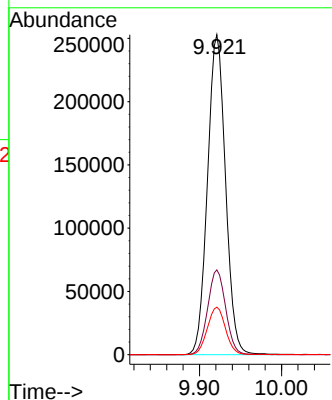
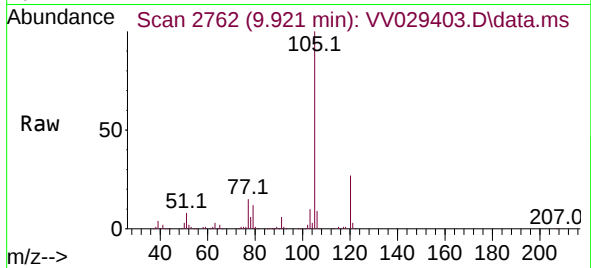




#60
Isopropylbenzene
Concen: 5.097 ug/L
RT: 9.921 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029403.D
Acq: 06 Dec 2022 09:44

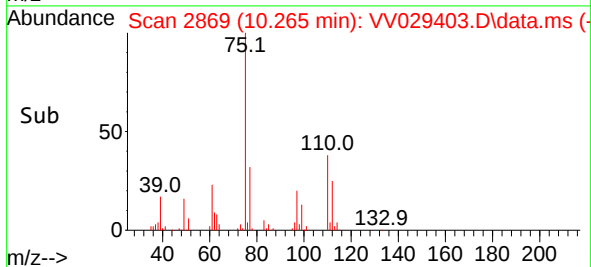
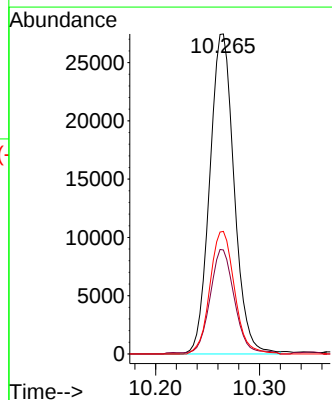
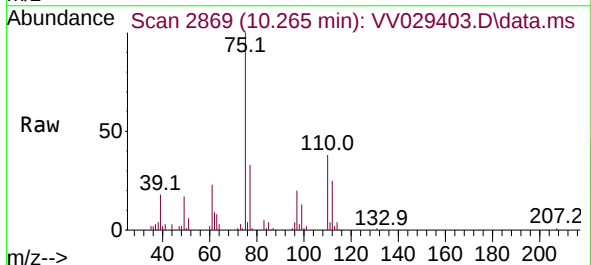
Instrument :
MSVOA_V
ClientSampleId :
VSTD005378

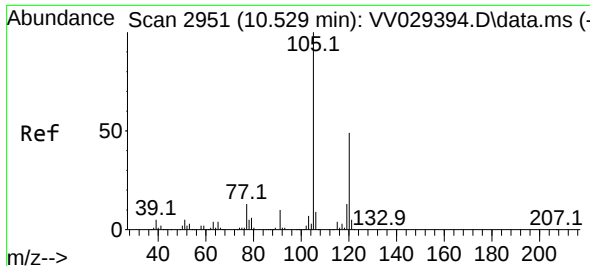
Tgt Ion:105 Resp: 385805
Ion Ratio Lower Upper
105 100
120 26.6 21.4 32.2
77 15.1 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.517 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV029403.D
Acq: 06 Dec 2022 09:44

Tgt Ion: 75 Resp: 44791
Ion Ratio Lower Upper
75 100
77 32.8 26.7 40.1
110 38.6 32.2 48.4

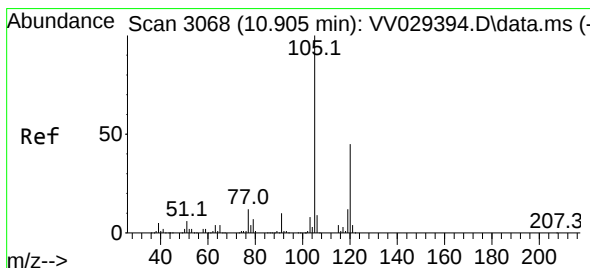
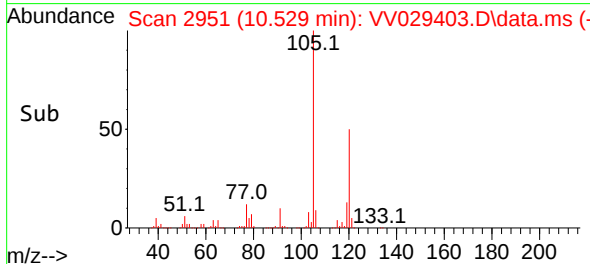
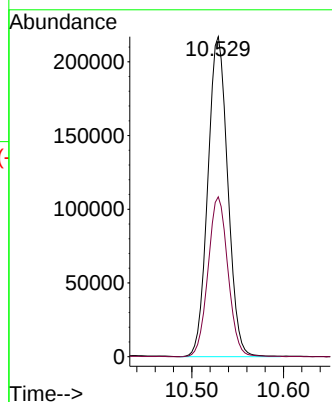
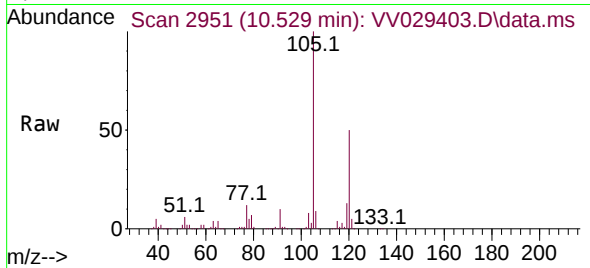




#62
1,3,5-Trimethylbenzene
Concen: 5.000 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VV029403.D
Acq: 06 Dec 2022 09:44

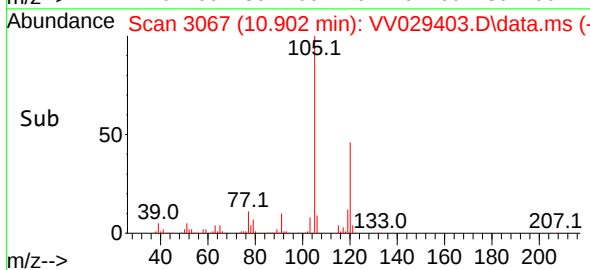
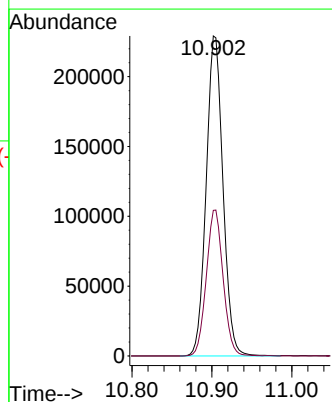
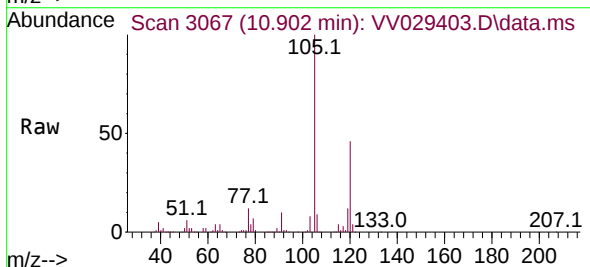
Instrument :
MSVOA_V
ClientSampleId :
VSTD005378

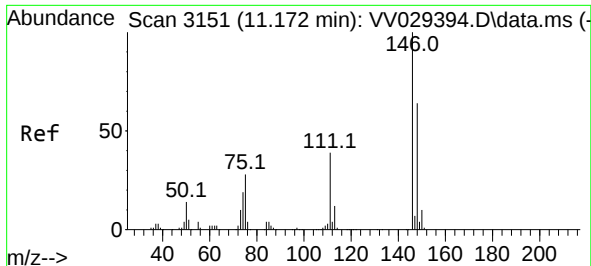
Tgt Ion:105 Resp: 327639
Ion Ratio Lower Upper
105 100
120 49.8 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 5.077 ug/L
RT: 10.902 min Scan# 3067
Delta R.T. -0.003 min
Lab File: VV029403.D
Acq: 06 Dec 2022 09:44

Tgt Ion:105 Resp: 334665
Ion Ratio Lower Upper
105 100
120 45.7 37.2 55.8

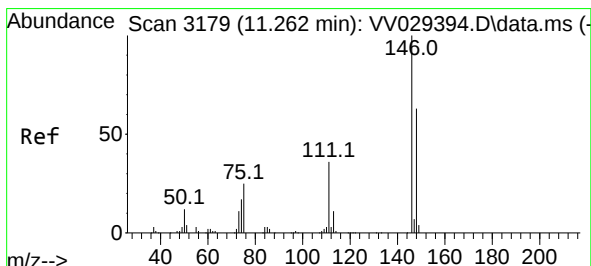
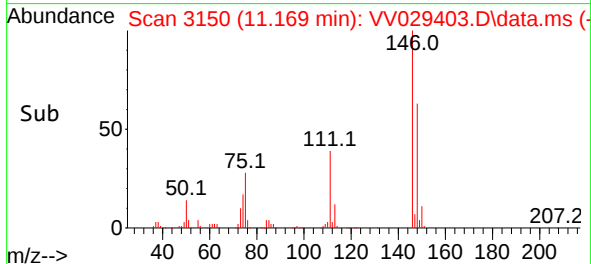
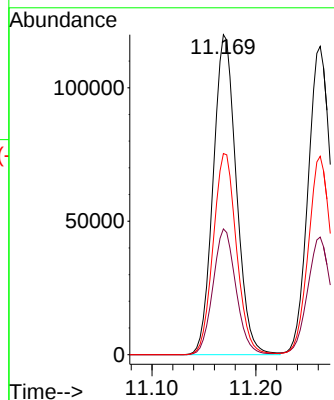
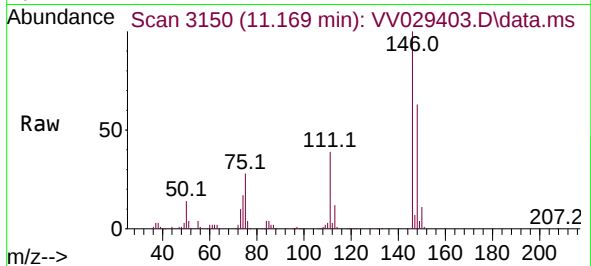




#64
1,3-Dichlorobenzene
Concen: 5.260 ug/L
RT: 11.169 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VV029403.D
Acq: 06 Dec 2022 09:44

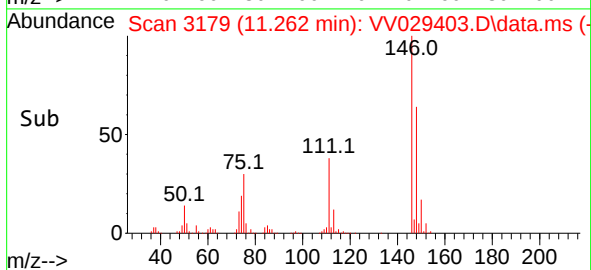
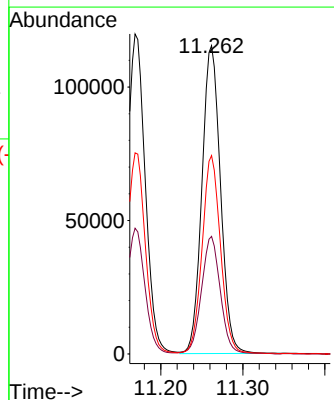
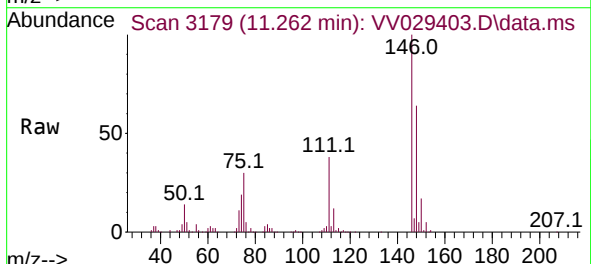
Instrument :
MSVOA_V
ClientSampleId :
VSTD005378

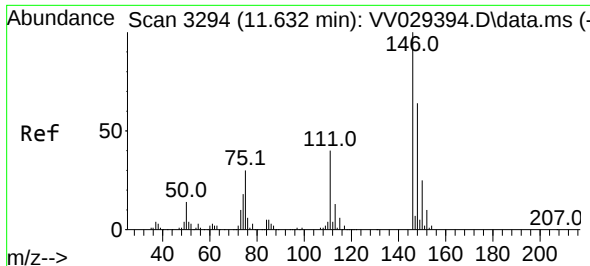
Tgt Ion:146 Resp: 185733
Ion Ratio Lower Upper
146 100
111 39.3 26.3 48.9
148 62.8 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.190 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VV029403.D
Acq: 06 Dec 2022 09:44

Tgt Ion:146 Resp: 181297
Ion Ratio Lower Upper
146 100
111 38.1 26.0 48.4
148 64.3 44.7 82.9

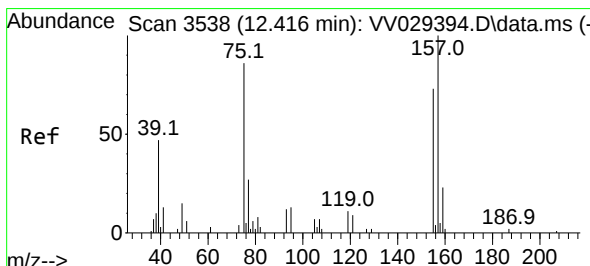
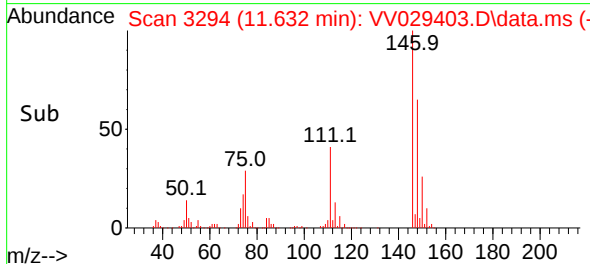
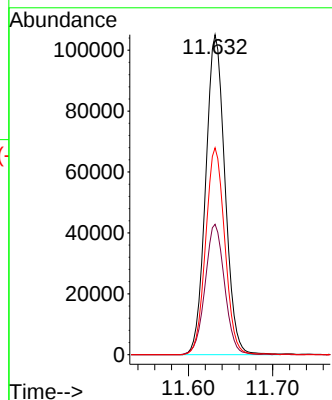
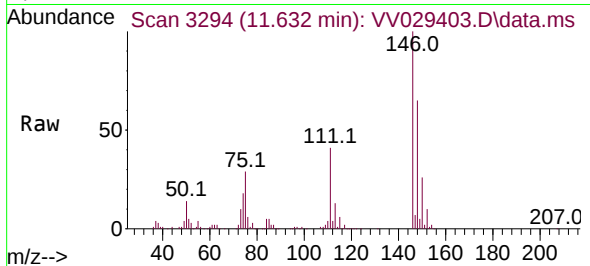




#67
1,2-Dichlorobenzene
Concen: 5.148 ug/L
RT: 11.632 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV029403.D
Acq: 06 Dec 2022 09:44

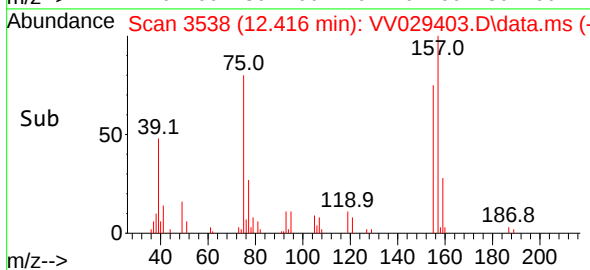
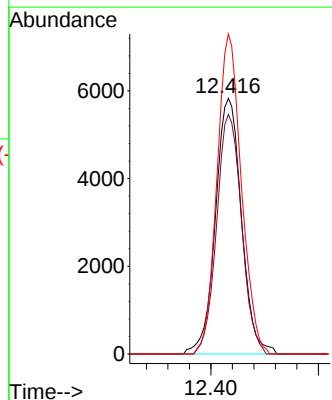
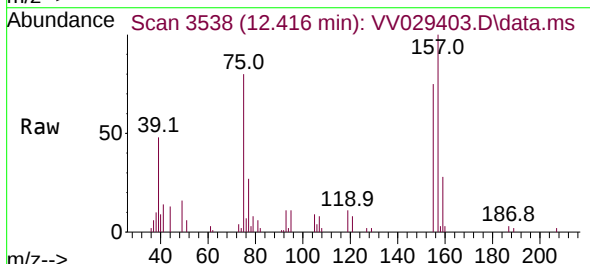
Instrument :
MSVOA_V
ClientSampleId :
VSTD005378

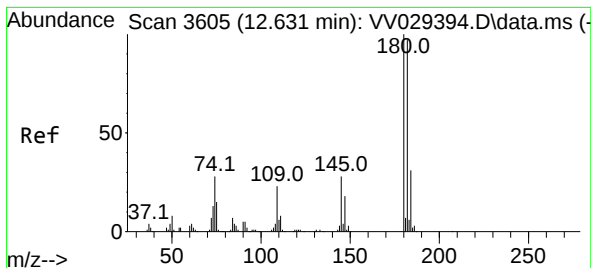
Tgt Ion:146 Resp: 167473
Ion Ratio Lower Upper
146 100
111 40.8 33.5 50.3
148 64.6 50.7 76.1



#68
1,2-Dibromo-3-chloropropane
Concen: 6.130 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. 0.000 min
Lab File: VV029403.D
Acq: 06 Dec 2022 09:44

Tgt Ion: 75 Resp: 9774
Ion Ratio Lower Upper
75 100
155 93.7 76.6 115.0
157 125.1 96.9 145.3





#69

1,3,5-Trichlorobenzene

Concen: 5.154 ug/L

RT: 12.635 min Scan# 3605

Delta R.T. 0.003 min

Lab File: VV029403.D

Acq: 06 Dec 2022 09:44

Instrument :

MSVOA_V

ClientSampleId :

VSTD005378

Tgt Ion:180 Resp: 149939

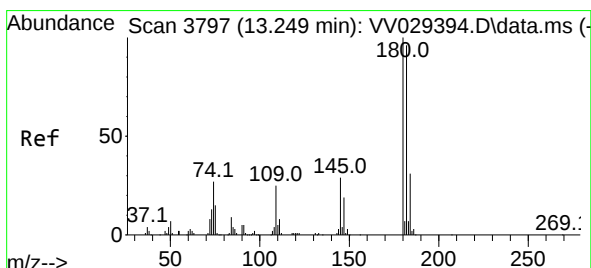
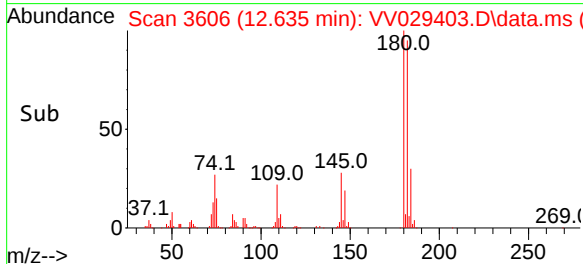
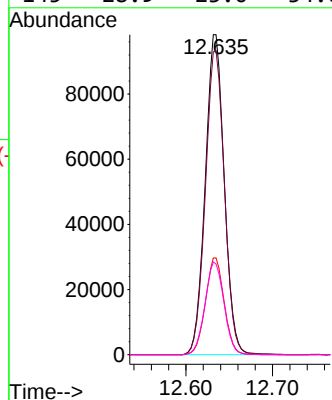
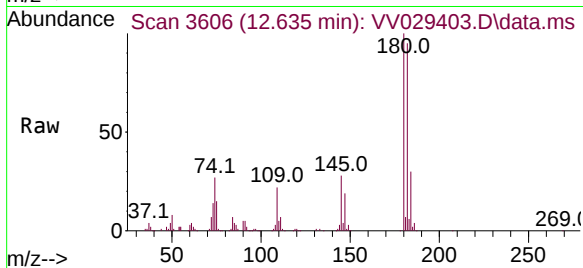
Ion Ratio Lower Upper

180 100

182 95.2 77.0 115.6

184 29.8 24.4 36.6

145 28.9 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 5.092 ug/L

RT: 13.249 min Scan# 3797

Delta R.T. 0.000 min

Lab File: VV029403.D

Acq: 06 Dec 2022 09:44

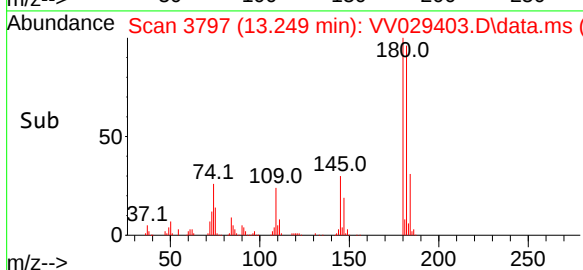
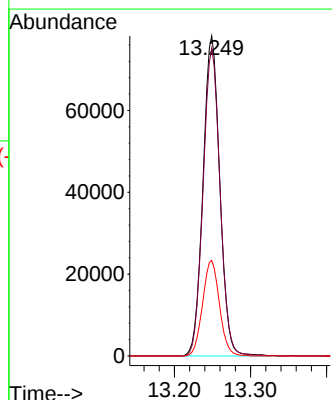
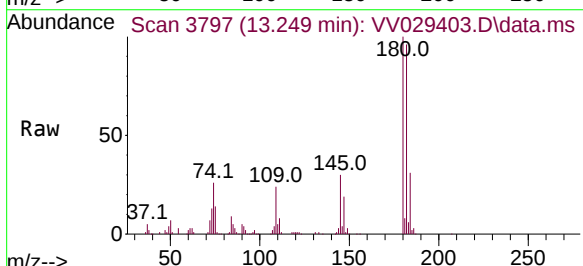
Tgt Ion:180 Resp: 120035

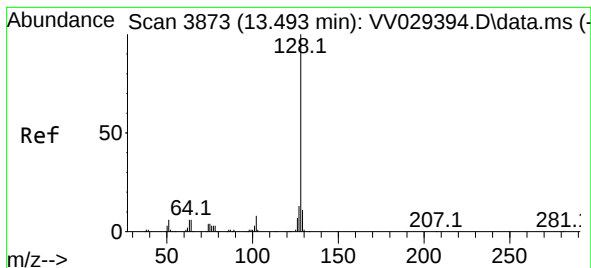
Ion Ratio Lower Upper

180 100

182 96.5 76.2 114.4

145 29.9 23.4 35.0





#71

Naphthalene

Concen: 5.960 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. 0.000 min

Lab File: VV029403.D

Acq: 06 Dec 2022 09:44

Instrument :

MSVOA_V

ClientSampleId :

VSTD005378

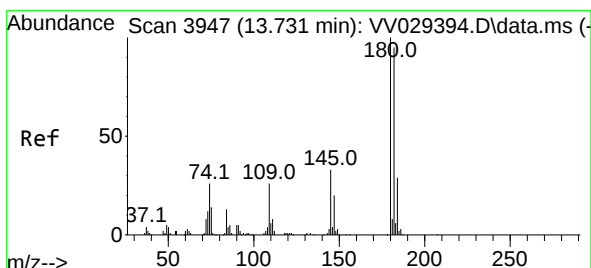
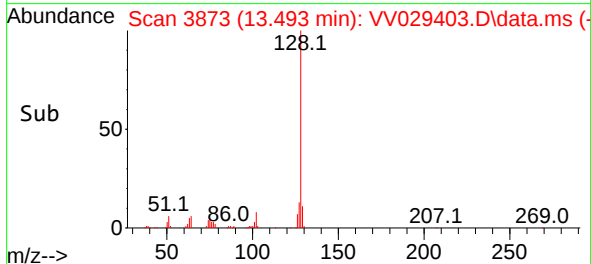
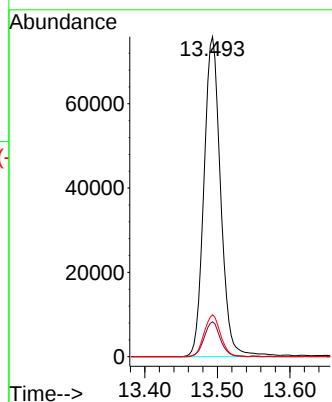
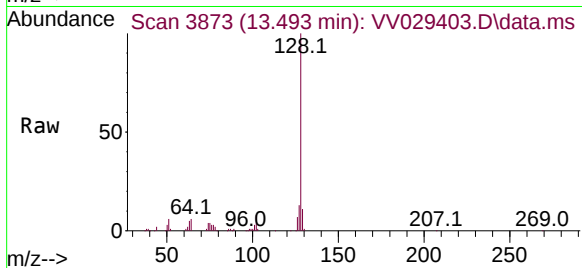
Tgt Ion:128 Resp: 121635

Ion Ratio Lower Upper

128 100

129 10.5 8.9 13.3

127 12.8 10.6 15.8



#72

1,2,3-Trichlorobenzene

Concen: 5.195 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. 0.000 min

Lab File: VV029403.D

Acq: 06 Dec 2022 09:44

Tgt Ion:180 Resp: 99701

Ion Ratio Lower Upper

180 100

182 96.0 75.0 112.4

145 31.6 25.2 37.8

