

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112322\
 Data File : VW029333.D
 Acq On : 24 Nov 2022 07:41
 Operator : SY/MD
 Sample : N5725-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 25 00:23:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 04:08:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	262397	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	229431	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	118146	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	90967	5.633	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 112.600%		
7) Chloroethane-d5	1.568	69	69167	5.851	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 117.000%		
11) 1,1-Dichloroethene-d2	2.105	63	109446	4.235	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 84.800%		
20) 2-Butanone-d5	3.889	46	154633	57.243	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 114.480%		
24) Chloroform-d	4.339	84	161042	5.587	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 111.800%		
26) 1,2-Dichloroethane-d4	5.027	65	73558	5.800	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 116.000%		
32) Benzene-d6	5.043	84	360954	5.692	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 113.800%		
36) 1,2-Dichloropropane-d6	6.063	67	103730	5.822	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 116.400%		
41) Toluene-d8	7.310	98	330197	5.517	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 110.400%		
43) trans-1,3-Dichloroprop...	7.616	79	34505	5.023	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 100.400%		
46) 2-Hexanone-d5	8.085	63	129770	52.996	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 106.000%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	63741	5.798	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 116.000%		
66) 1,2-Dichlorobenzene-d4	11.612	152	119421	5.786	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 115.800%		
Target Compounds						
						Qvalue
3) Chloromethane	1.243	50	1778	0.099	ug/L	95
12) 1,1-Dichloroethene	2.108	96	1094	0.081	ug/L #	1
13) Acetone	2.185	43	24541	12.495	ug/L	97
15) Methyl Acetate	2.436	43	1468	0.260	ug/L	91
16) Methylene chloride	2.507	84	6358	0.308	ug/L	89
18) trans-1,2-Dichloroethene	2.761	96	5384	0.348	ug/L	95
25) Chloroform	4.368	83	17513	0.602	ug/L	96
34) Trichloroethene	5.915	95	3783	0.216	ug/L	87
35) Methylcyclohexane	6.066	83	24336	0.824	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	10720	0.663	ug/L #	85
42) Toluene	7.384	91	92100	1.251	ug/L	97
44) trans-1,3-Dichloropropene	7.616	75	1393	0.074	ug/L #	73
47) Tetrachloroethene	7.969	164	5326	0.371	ug/L	93
49) Dibromochloromethane	7.969	129	5031	0.409	ug/L #	11
52) Ethylbenzene	9.008	91	7983	0.104	ug/L	99
53) m,p-Xylene	9.133	106	9324	0.308	ug/L	88
54) o-Xylene	9.535	106	3929	0.132	ug/L	96
60) Isopropylbenzene	10.439	105	2704	0.035	ug/L	95
61) 1,2,3-Trichloropropane	11.239	75	13512	1.649	ug/L #	66

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 24 04:08:22 2022
Response via : Initial Calibration

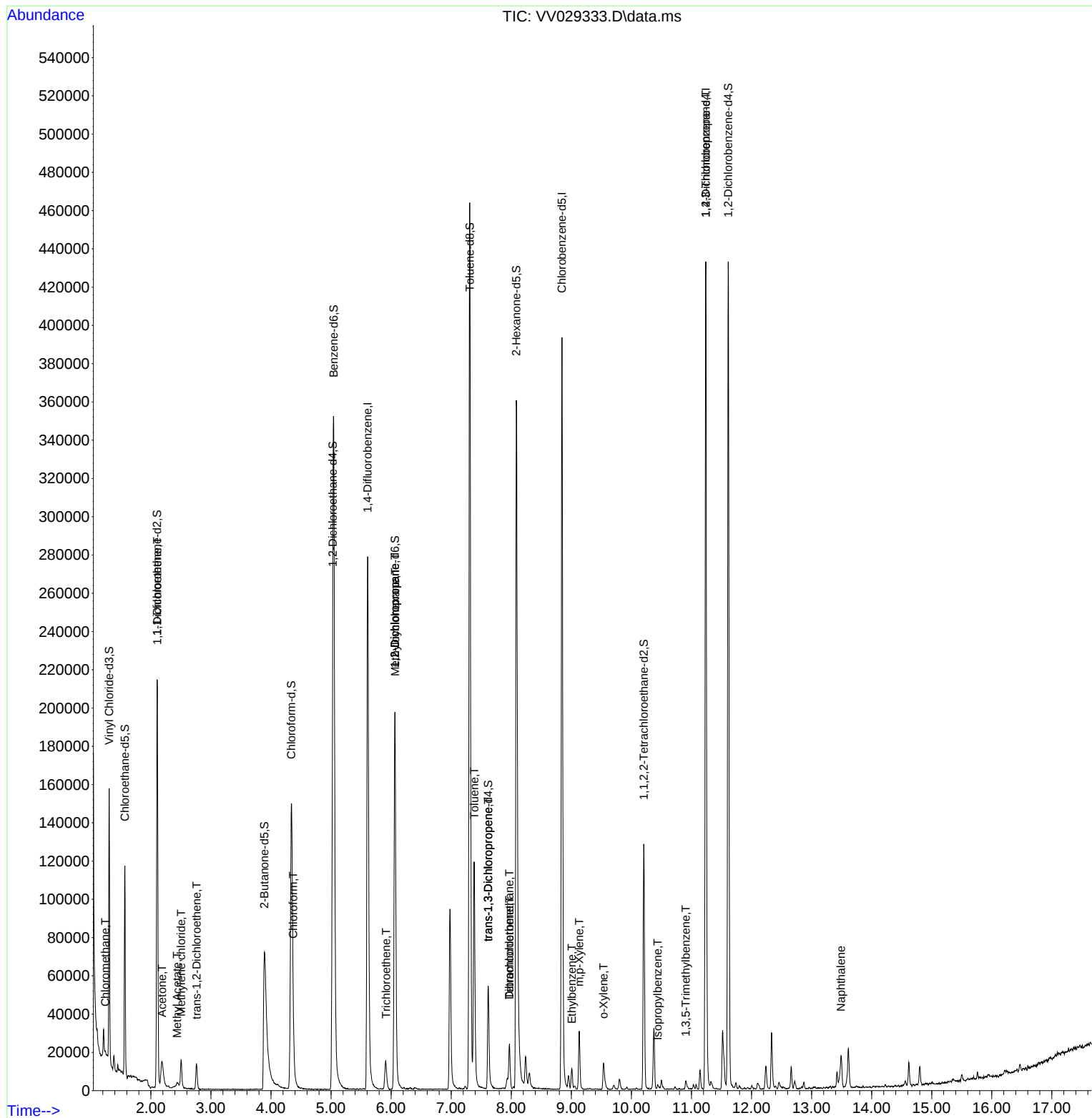
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) 1,3,5-Trimethylbenzene	10.905	105	3076	0.047	ug/L	86
71) Naphthalene	13.490	128	20528	0.997	ug/L	98

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

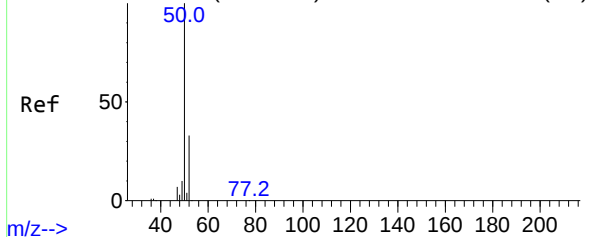
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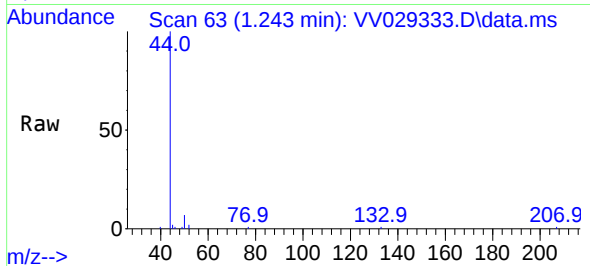


Abundance Scan 62 (1.240 min): VV029324.D\data.ms (-54)

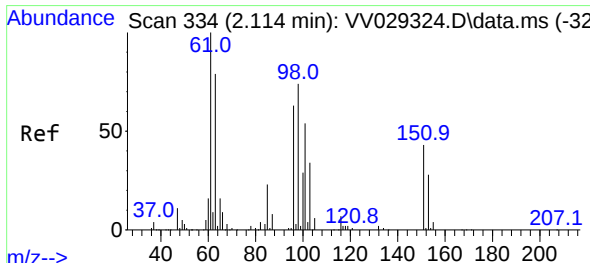
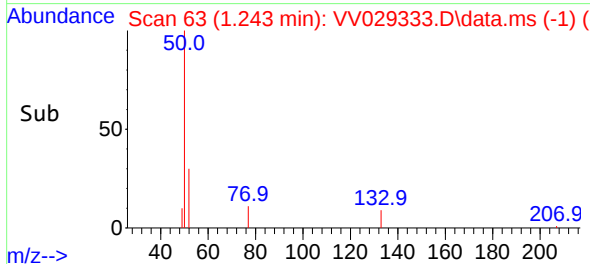
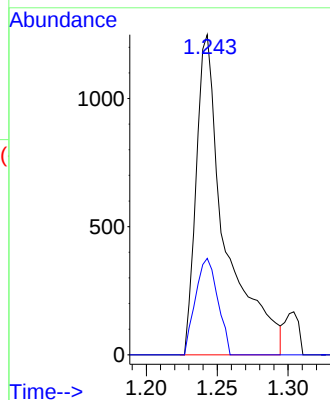


#3
Chloromethane
Concen: 0.099 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029333.D
Acq: 24 Nov 2022 07:41

Instrument :
MSVOA_V
ClientSampleId :

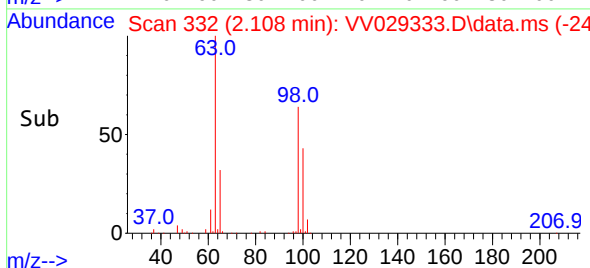
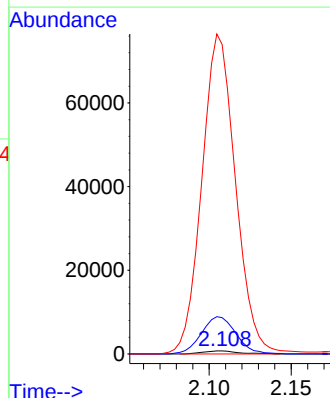
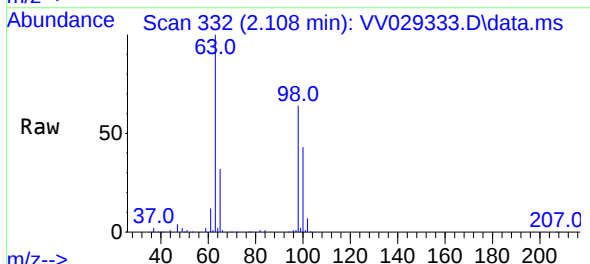


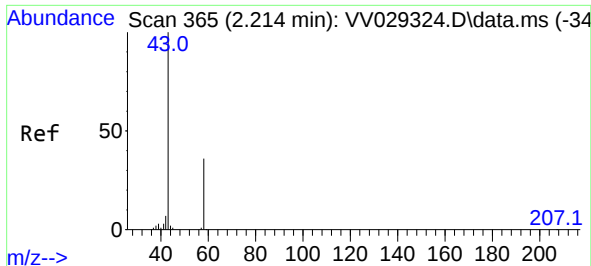
Tgt Ion: 50 Resp: 1778
Ion Ratio Lower Upper
50 100
52 30.1 23.2 43.2



#12
1,1-Dichloroethene
Concen: 0.081 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.006 min
Lab File: VV029333.D
Acq: 24 Nov 2022 07:41

Tgt Ion: 96 Resp: 1094
Ion Ratio Lower Upper
96 100
61 1178.9 110.3 204.9#
63 10064.8 84.4 156.8#

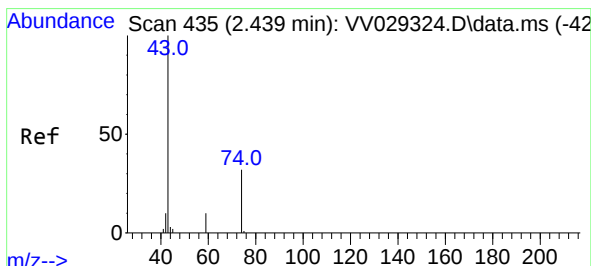
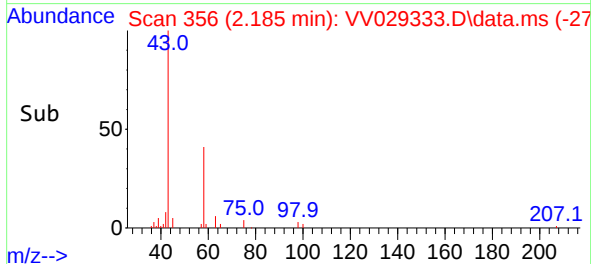
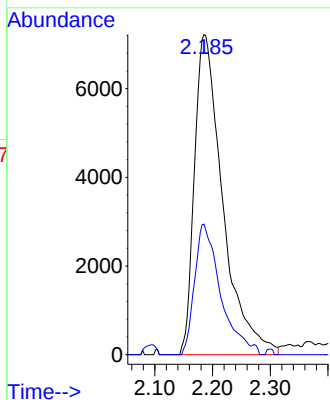
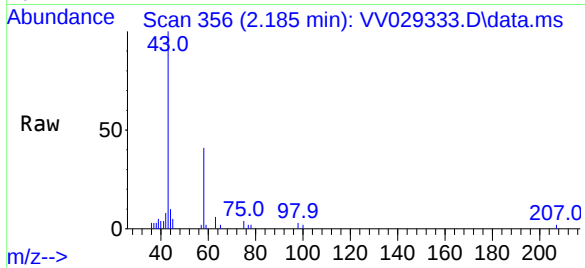




#13
Acetone
Concen: 12.495 ug/L
RT: 2.185 min Scan# 31
Delta R.T. -0.029 min
Lab File: VV029333.D
Acq: 24 Nov 2022 07:41

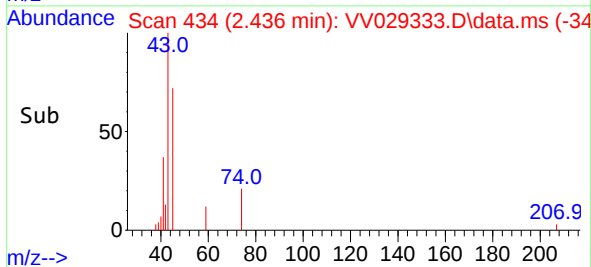
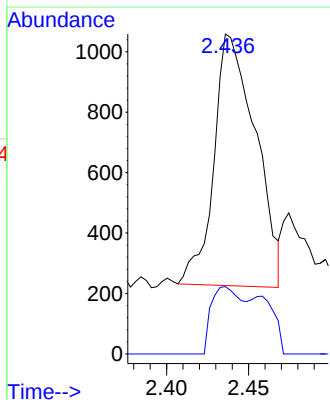
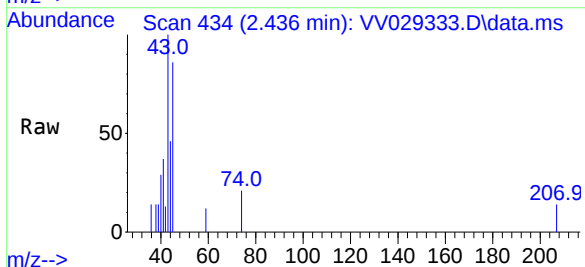
Instrument :
MSVOA_V
ClientSampleId :

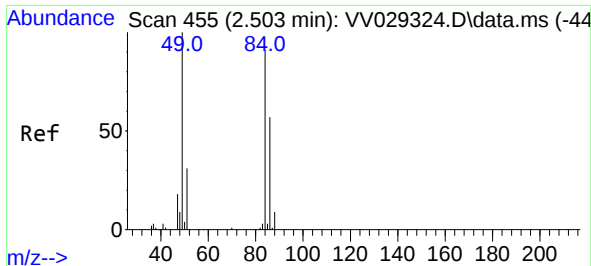
Tgt Ion: 43 Resp: 24541
Ion Ratio Lower Upper
43 100
58 37.0 0.0 70.8



#15
Methyl Acetate
Concen: 0.260 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.003 min
Lab File: VV029333.D
Acq: 24 Nov 2022 07:41

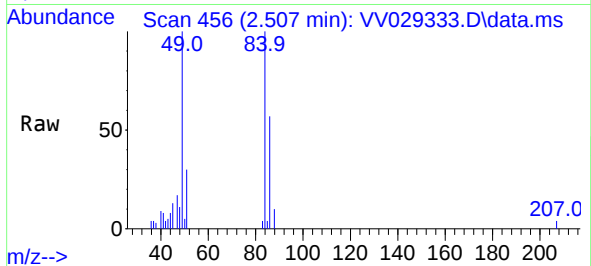
Tgt Ion: 43 Resp: 1468
Ion Ratio Lower Upper
43 100
74 20.2 19.6 29.4



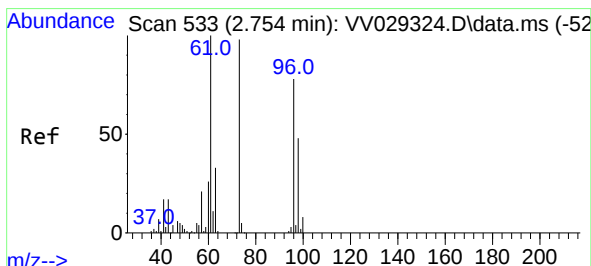
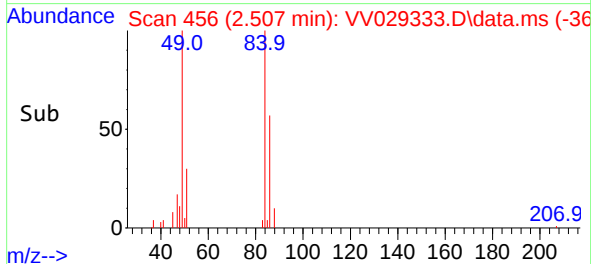
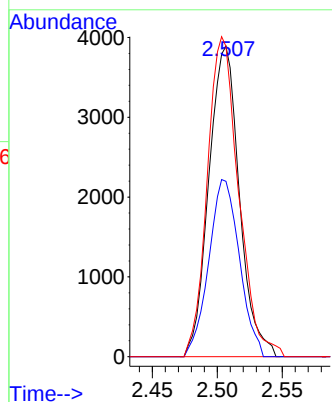


#16
Methylene chloride
Concen: 0.308 ug/L
RT: 2.507 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV029333.D
Acq: 24 Nov 2022 07:41

Instrument :
MSVOA_V
ClientSampleId :

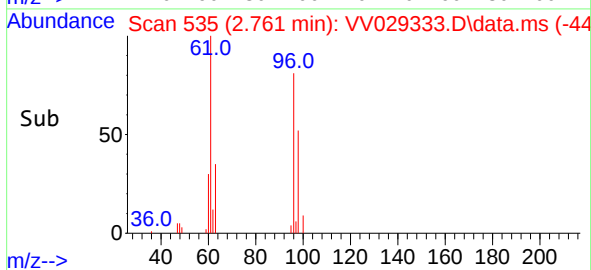
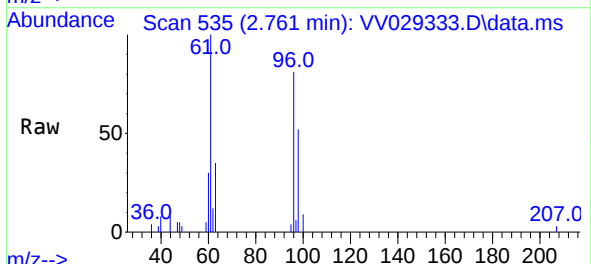
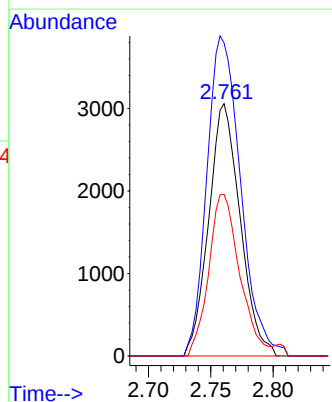


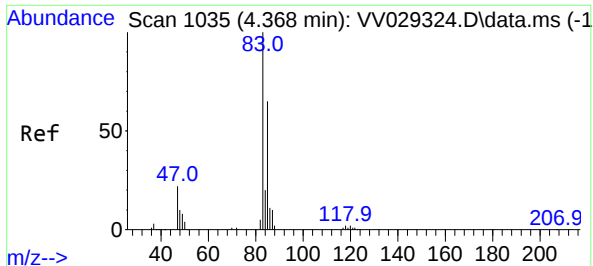
Tgt Ion: 84 Resp: 6358
Ion Ratio Lower Upper
84 100
86 56.5 45.6 84.6
49 100.0 77.8 144.4



#18
trans-1,2-Dichloroethene
Concen: 0.348 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.006 min
Lab File: VV029333.D
Acq: 24 Nov 2022 07:41

Tgt Ion: 96 Resp: 5384
Ion Ratio Lower Upper
96 100
61 124.1 93.0 172.6
98 64.0 44.0 81.8

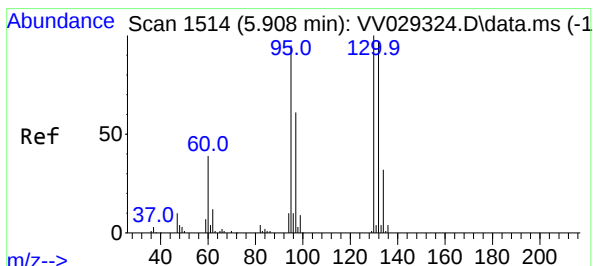
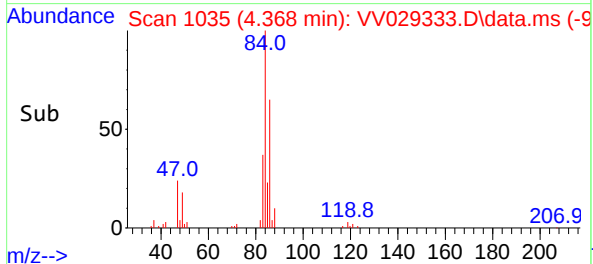
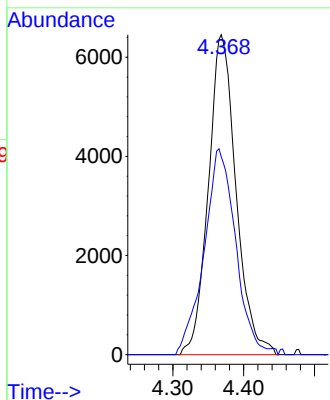
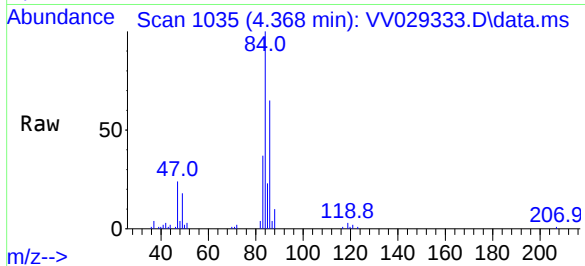




#25
Chloroform
Concen: 0.602 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VV029333.D
Acq: 24 Nov 2022 07:41

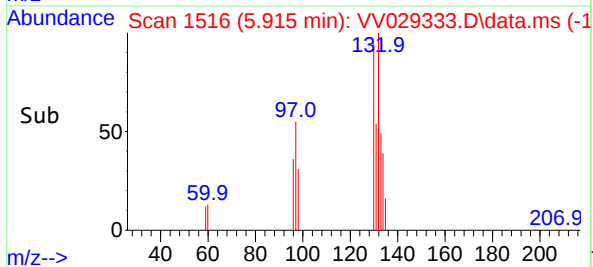
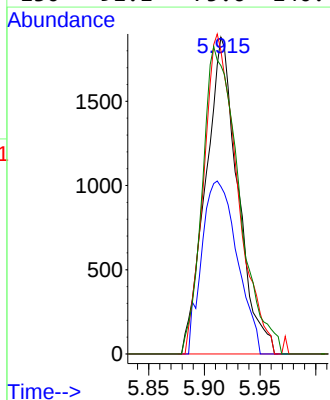
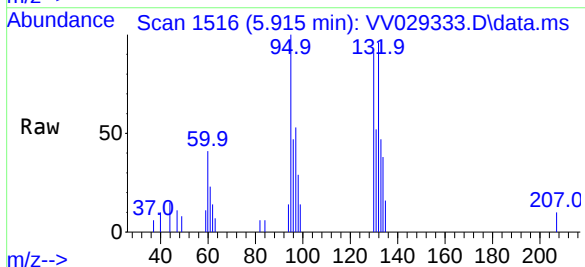
Instrument :
MSVOA_V
ClientSampleId :

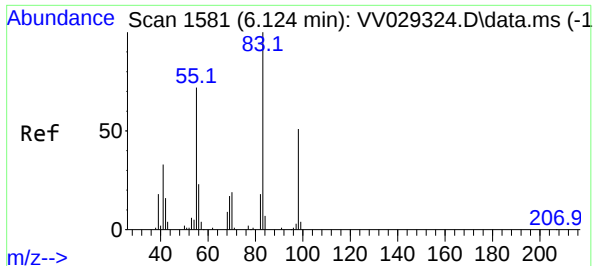
Tgt Ion: 83 Resp: 17513
Ion Ratio Lower Upper
83 100
85 61.9 45.4 84.4



#34
Trichloroethene
Concen: 0.216 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV029333.D
Acq: 24 Nov 2022 07:41

Tgt Ion: 95 Resp: 3783
Ion Ratio Lower Upper
95 100
97 52.9 45.4 84.4
132 95.7 73.3 136.1
130 91.1 75.6 140.4





#35

Methylcyclohexane

Concen: 0.824 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

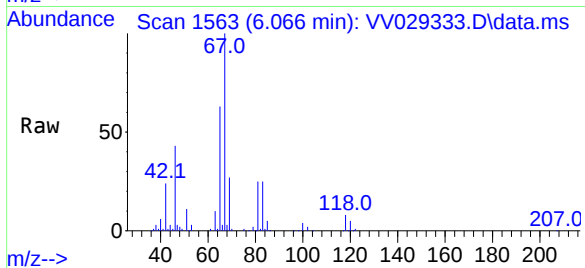
Lab File: VV029333.D

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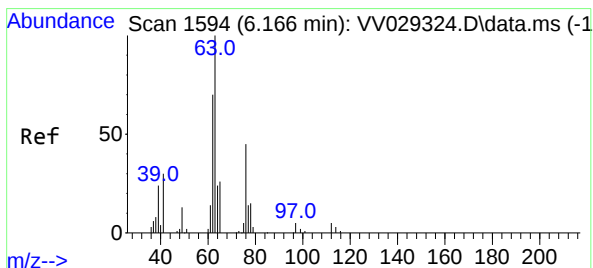
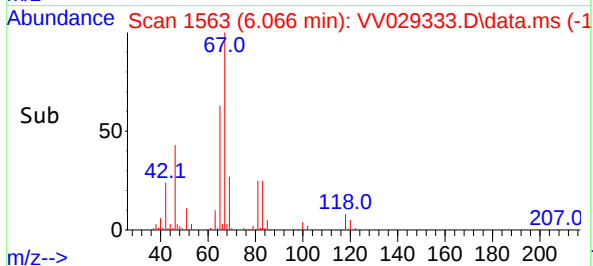
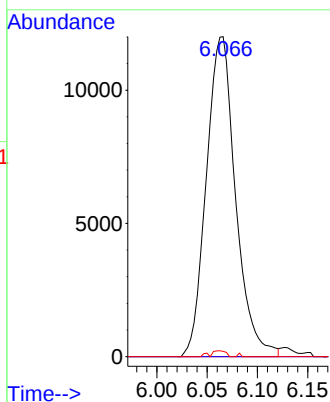
Tgt Ion: 83 Resp: 24336

Ion Ratio Lower Upper

83 100

55 0.0 55.4 83.2#

98 1.0 39.4 59.2#



#37

1,2-Dichloropropane

Concen: 0.663 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.103 min

Lab File: VV029333.D

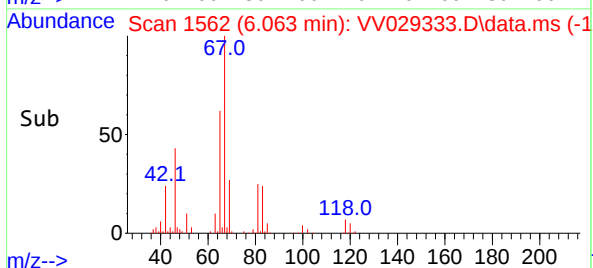
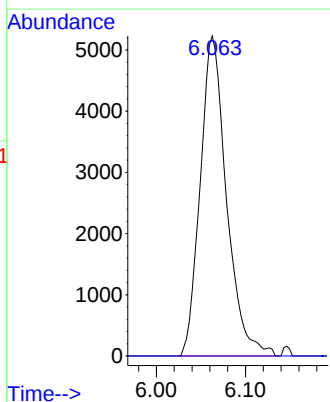
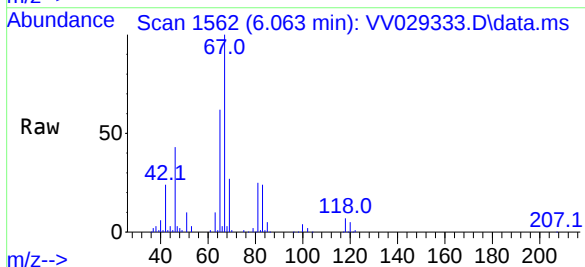
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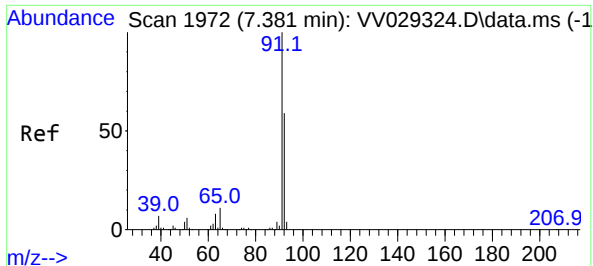
Tgt Ion: 63 Resp: 10720

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#





#42

Toluene

Concen: 1.251 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.003 min

Lab File: VV029333.D

Acq: 24 Nov 2022 07:41

Instrument :

MSVOA_V

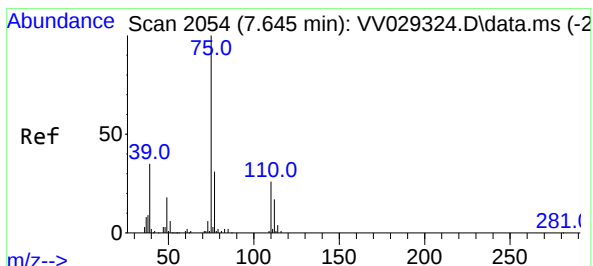
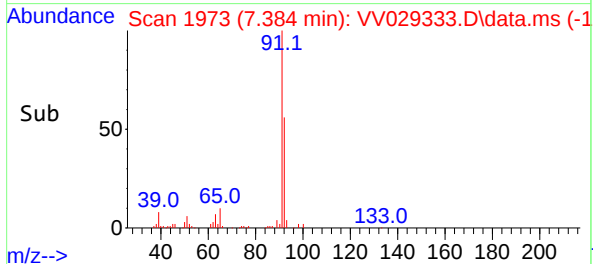
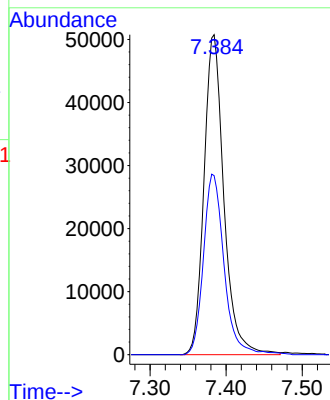
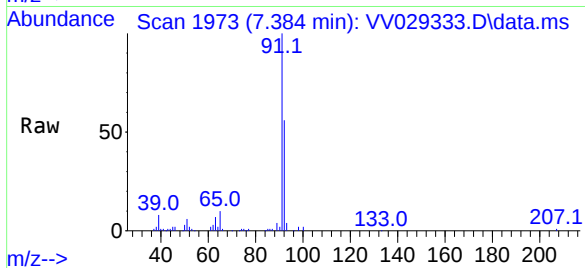
ClientSampleId :

Tgt Ion: 91 Resp: 92100

Ion Ratio Lower Upper

91 100

92 56.0 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 7.616 min Scan# 2045

Delta R.T. -0.029 min

Lab File: VV029333.D

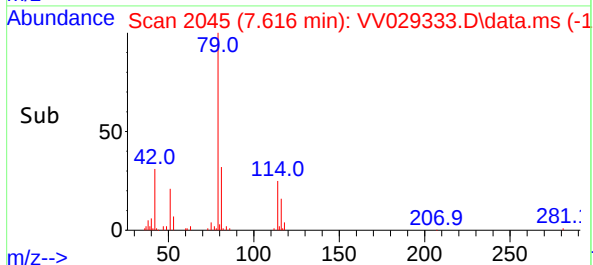
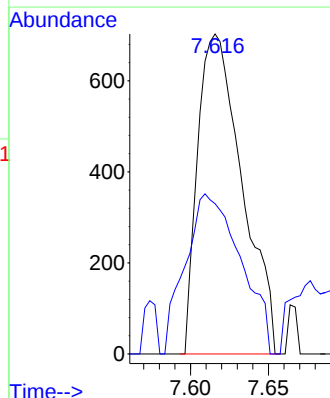
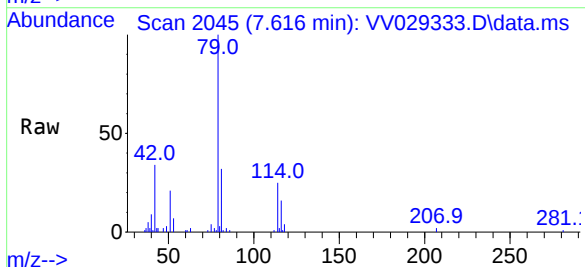
Acq: 24 Nov 2022 07:41

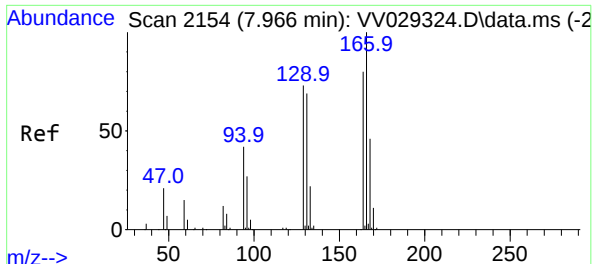
Tgt Ion: 75 Resp: 1393

Ion Ratio Lower Upper

75 100

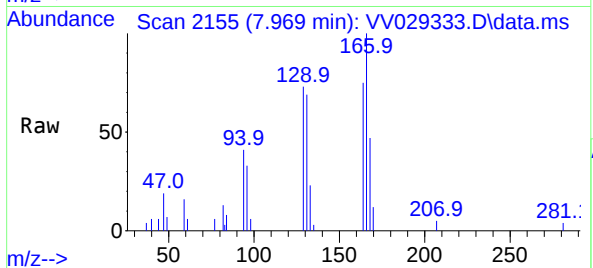
77 46.9 22.4 41.6#





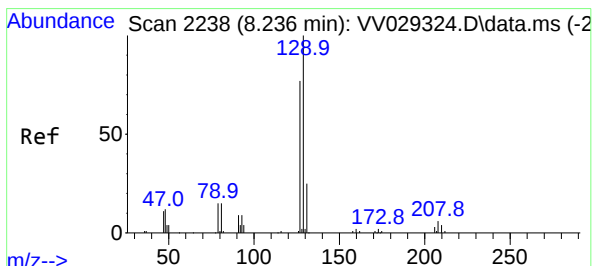
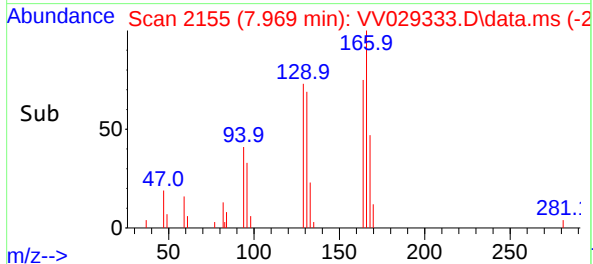
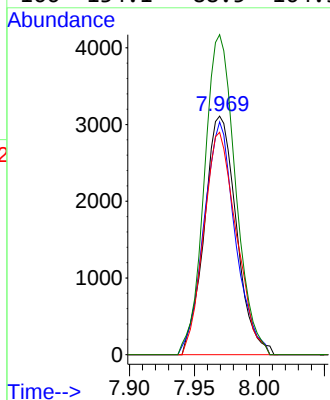
#47
Tetrachloroethene
Concen: 0.371 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.003 min
Lab File: VV029333.D
Acq: 24 Nov 2022 07:41

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 5326

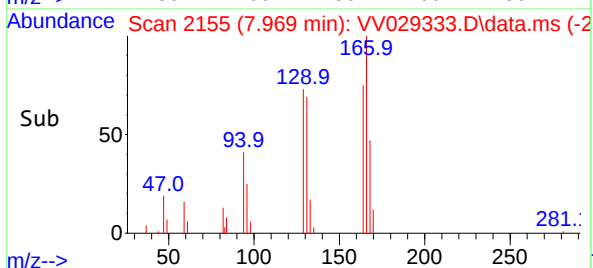
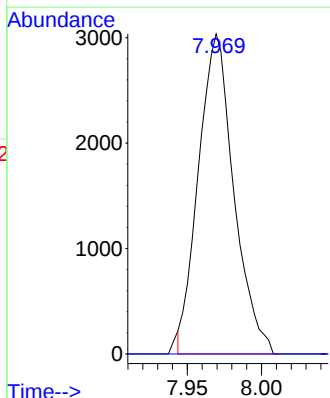
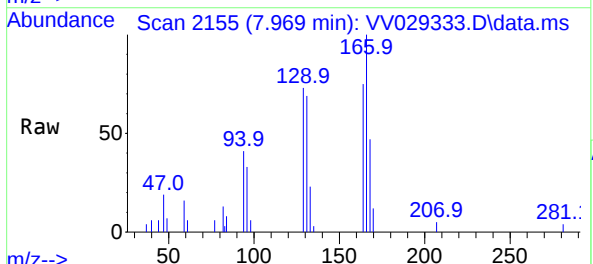
Ion	Ratio	Lower	Upper
164	100		
129	97.6	61.7	114.7
131	93.2	62.9	116.9
166	134.1	88.5	164.3

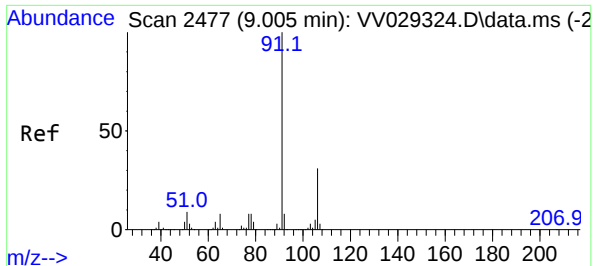


#49
Dibromochloromethane
Concen: 0.409 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.267 min
Lab File: VV029333.D
Acq: 24 Nov 2022 07:41

Tgt Ion:129 Resp: 5031

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.1	98.7#





#52

Ethylbenzene

Concen: 0.104 ug/L

RT: 9.008 min Scan# 2477

Delta R.T. 0.003 min

Lab File: VV029333.D

Acq: 24 Nov 2022 07:41

Instrument :

MSVOA_V

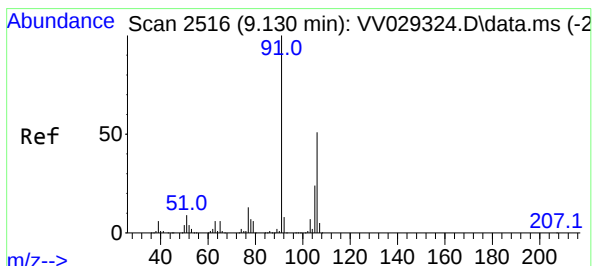
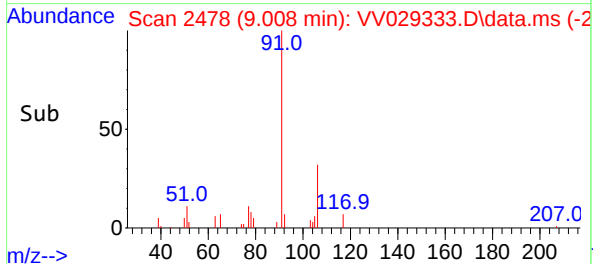
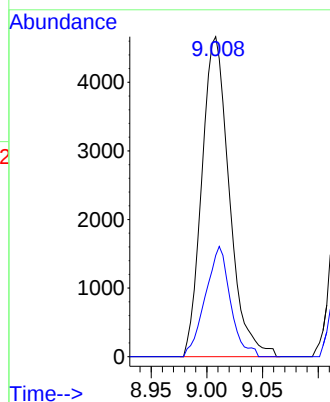
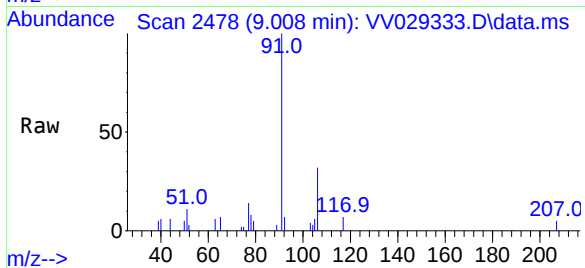
ClientSampleId :

Tgt Ion: 91 Resp: 7983

Ion Ratio Lower Upper

91 100

106 31.6 21.9 40.7



#53

m,p-Xylene

Concen: 0.308 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. 0.003 min

Lab File: VV029333.D

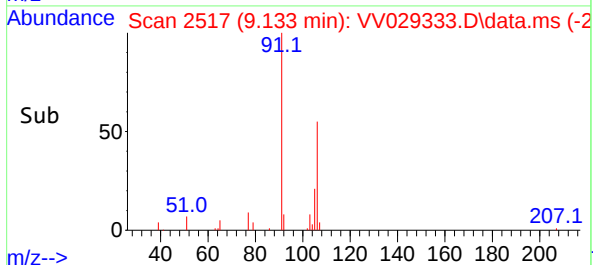
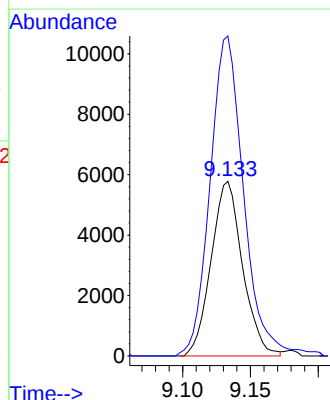
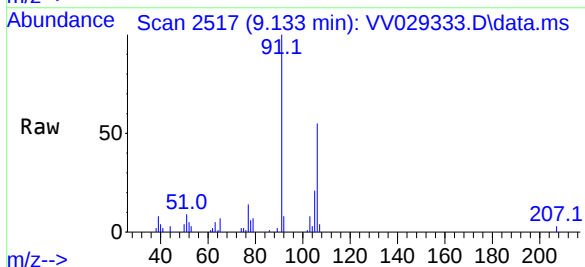
Acq: 24 Nov 2022 07:41

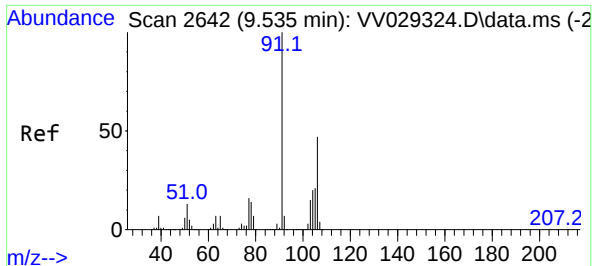
Tgt Ion: 106 Resp: 9324

Ion Ratio Lower Upper

106 100

91 183.1 140.6 261.2

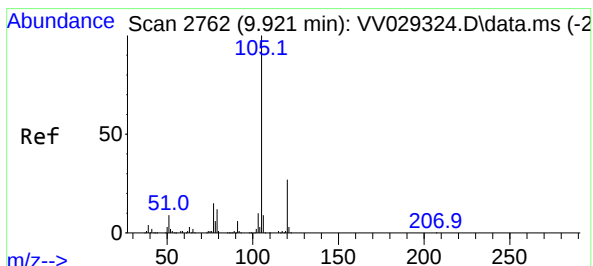
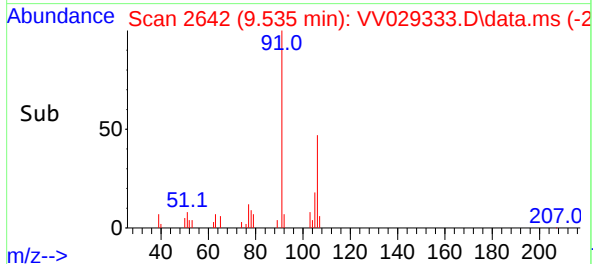
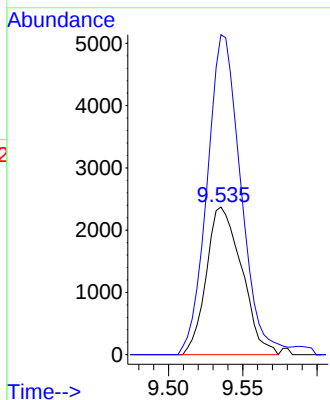
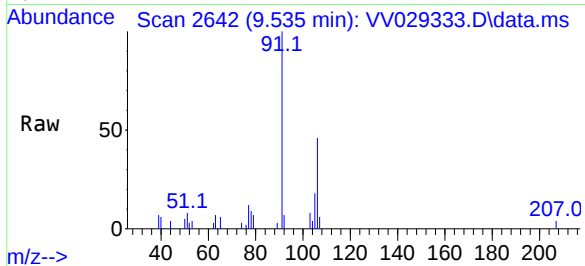




#54
o-Xylene
Concen: 0.132 ug/L
RT: 9.535 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV029333.D
Acq: 24 Nov 2022 07:41

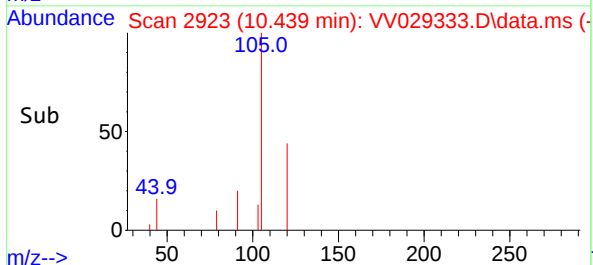
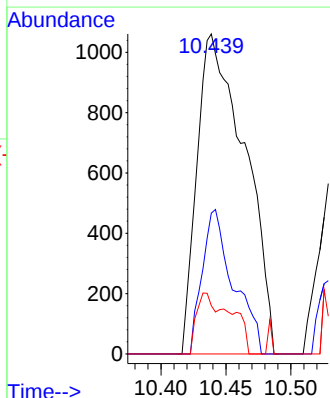
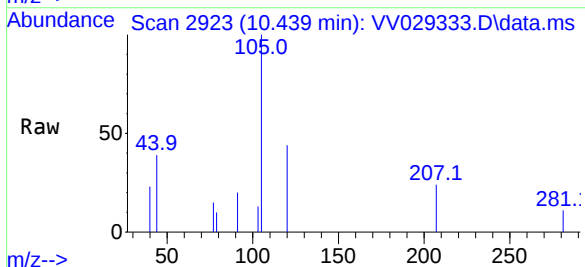
Instrument :
MSVOA_V
ClientSampleId :

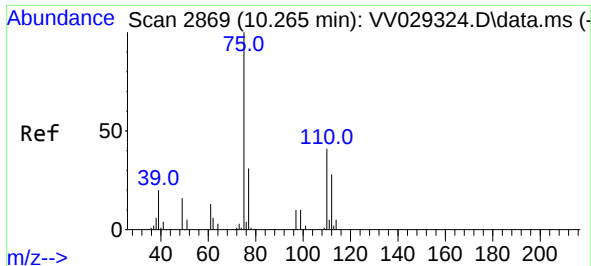
Tgt Ion:106 Resp: 3929
Ion Ratio Lower Upper
106 100
91 216.7 146.9 272.9



#60
Isopropylbenzene
Concen: 0.035 ug/L
RT: 10.439 min Scan# 2923
Delta R.T. 0.518 min
Lab File: VV029333.D
Acq: 24 Nov 2022 07:41

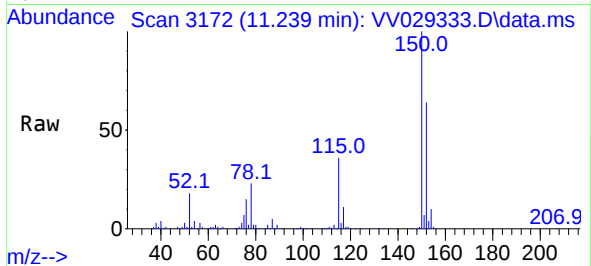
Tgt Ion:105 Resp: 2704
Ion Ratio Lower Upper
105 100
120 29.7 21.4 32.2
77 13.7 11.8 17.8



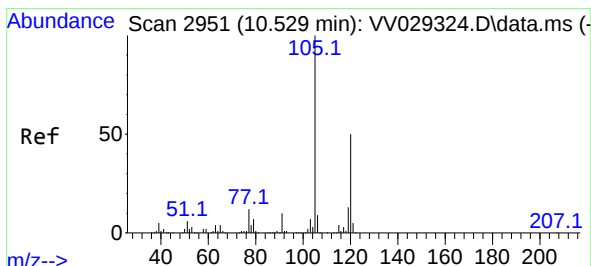
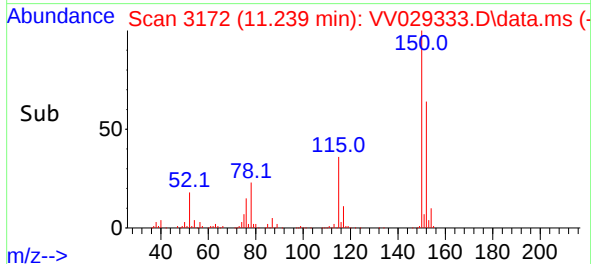
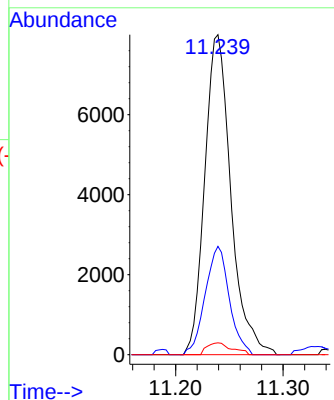


#61
1,2,3-Trichloropropane
Concen: 1.649 ug/L
RT: 11.239 min Scan# 3112
Delta R.T. 0.974 min
Lab File: VV029333.D
Acq: 24 Nov 2022 07:41

Instrument :
MSVOA_V
ClientSampleId :

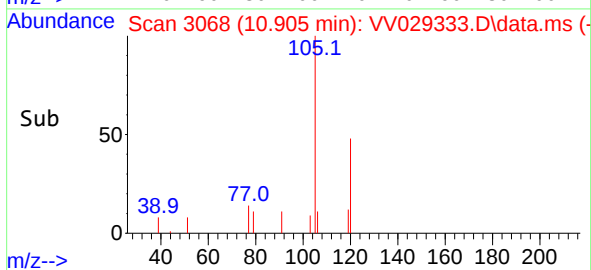
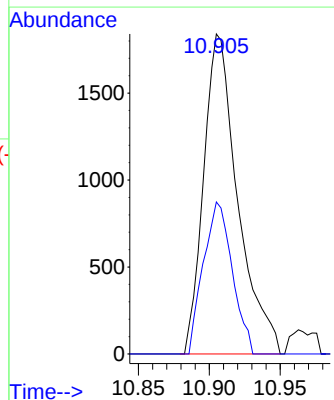
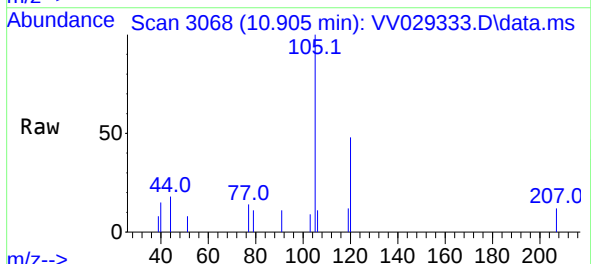


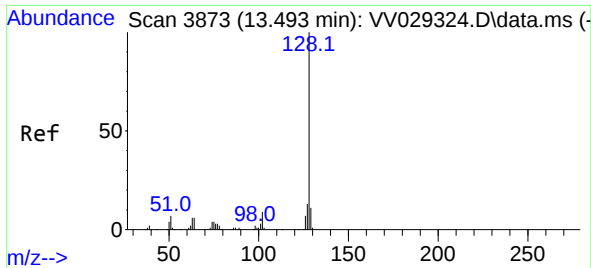
Tgt Ion: 75 Resp: 13512
Ion Ratio Lower Upper
75 100
77 31.2 26.7 40.1
110 3.5 32.2 48.4#



#62
1,3,5-Trimethylbenzene
Concen: 0.047 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. 0.376 min
Lab File: VV029333.D
Acq: 24 Nov 2022 07:41

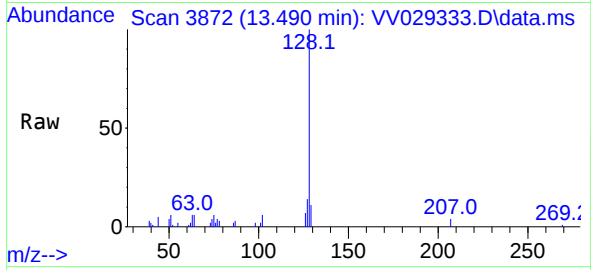
Tgt Ion: 105 Resp: 3076
Ion Ratio Lower Upper
105 100
120 40.1 39.6 59.4





#71
Naphthalene
Concen: 0.997 ug/L
RT: 13.490 min Scan# 3872
Delta R.T. -0.003 min
Lab File: VV029333.D
Acq: 24 Nov 2022 07:41

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	20528
Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.9	13.3
127	12.5	10.6	15.8

