

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112022\
 Data File : VW029251.D
 Acq On : 21 Nov 2022 02:36
 Operator : SY/MD
 Sample : N5725-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 21 03:57:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 21 03:37:08 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	412257	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	366718	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	181303	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	110742	4.406	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.200%	
7) Chloroethane-d5	1.561	69	99016	4.481	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.600%	
11) 1,1-Dichloroethene-d2	2.102	63	144524	3.155	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	63.200%	
20) 2-Butanone-d5	3.889	46	256627	60.997	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	122.000%	
24) Chloroform-d	4.336	84	219712	4.258	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.200%	
26) 1,2-Dichloroethane-d4	5.024	65	97399	4.195	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.000%	
32) Benzene-d6	5.040	84	452056	4.130	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.600%	
36) 1,2-Dichloropropane-d6	6.060	67	140027	4.581	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.600%	
41) Toluene-d8	7.307	98	393187	3.990	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.800%	
43) trans-1,3-Dichloroprop...	7.613	79	46467	4.661	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.200%	
46) 2-Hexanone-d5	8.082	63	186239	43.767	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.540%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	97207	4.587	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.800%	
66) 1,2-Dichlorobenzene-d4	11.612	152	147863	4.558	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	13116	0.460	ug/L	96
13) Acetone	2.192	43	50463	18.646	ug/L	86
14) Carbon disulfide	2.291	76	41766	0.471	ug/L	98
15) Methyl Acetate	2.429	43	6125	0.933	ug/L #	70
16) Methylene chloride	2.500	84	9868	0.306	ug/L	93
18) trans-1,2-Dichloroethene	2.754	96	10833	0.374	ug/L	92
25) Chloroform	4.365	83	31766	0.640	ug/L	98
33) Benzene	5.101	78	5464	0.049	ug/L	100
34) Trichloroethene	5.905	95	8023	0.280	ug/L	94
35) Methylcyclohexane	6.060	83	35789	0.710	ug/L #	21
37) 1,2-Dichloropropane	6.060	63	13915	0.538	ug/L #	85
39) cis-1,3-Dichloropropene	6.979	75	2854	0.079	ug/L #	55
42) Toluene	7.381	91	178019	1.470	ug/L	98
47) Tetrachloroethene	7.966	164	10896	0.474	ug/L	99
49) Dibromochloromethane	7.966	129	9945	0.486	ug/L #	10
52) Ethylbenzene	9.005	91	16024	0.127	ug/L	99
53) m,p-Xylene	9.130	106	19457	0.388	ug/L	98
54) o-Xylene	9.535	106	7379	0.155	ug/L	93
55) Styrene	9.555	104	6900	0.086	ug/L	91

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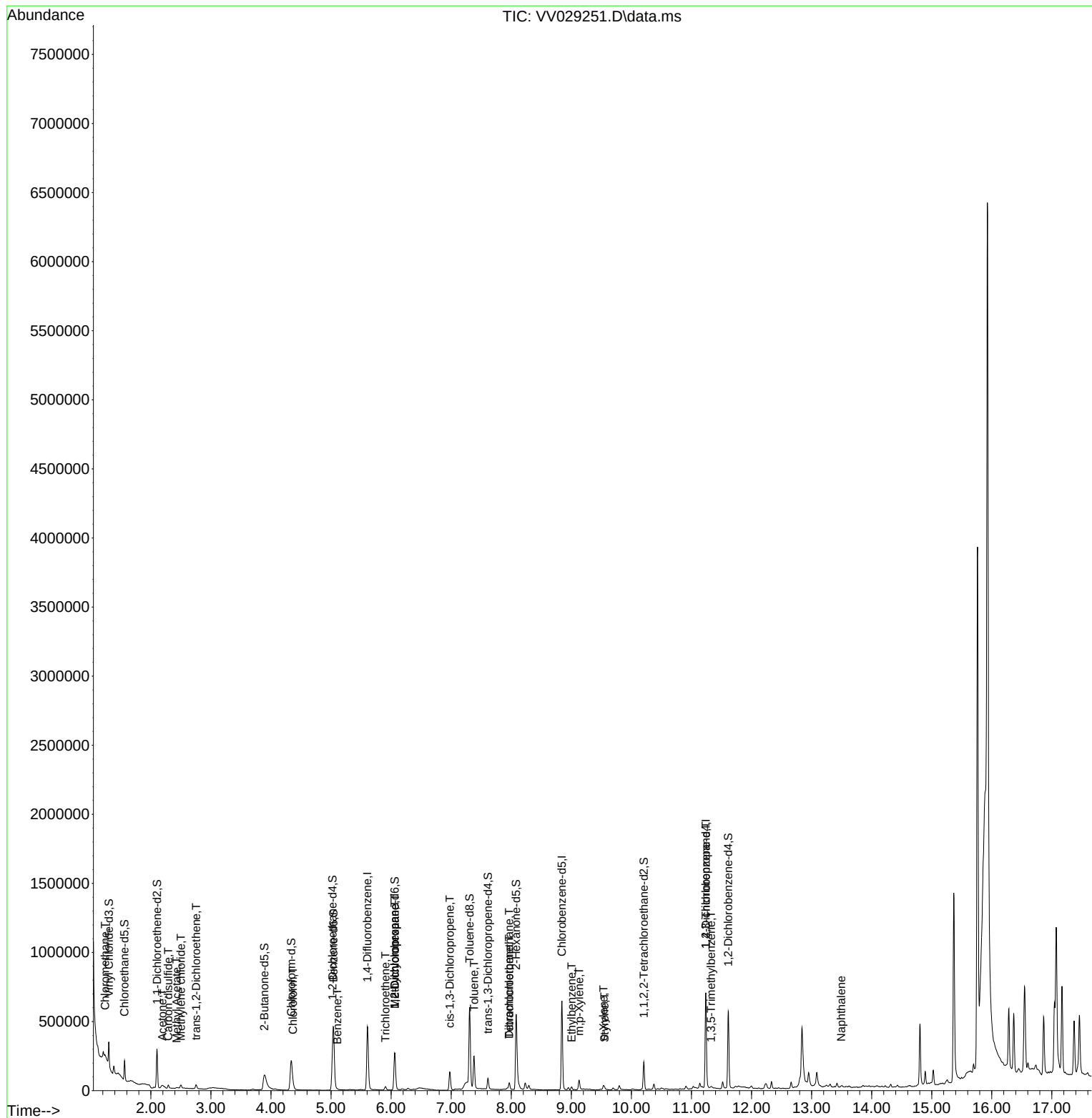
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 1,2,3-Trichloropropane	11.239	75	21751	1.756	ug/L #	65
62) 1,3,5-Trimethylbenzene	11.326	105	3798	0.038	ug/L	88
71) Naphthalene	13.493	128	4165	0.100	ug/L #	88

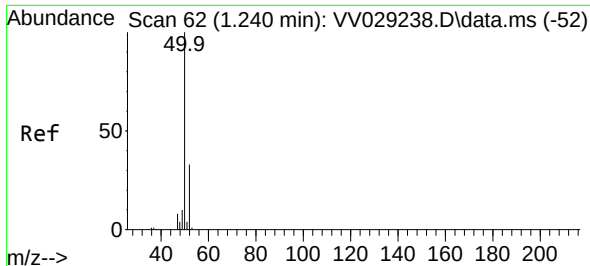
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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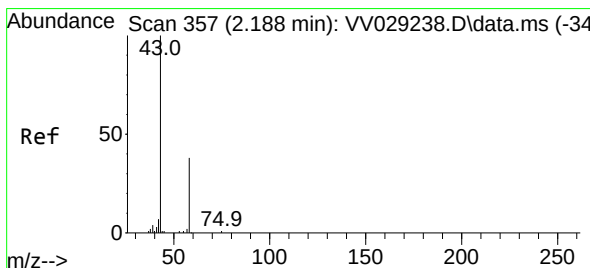
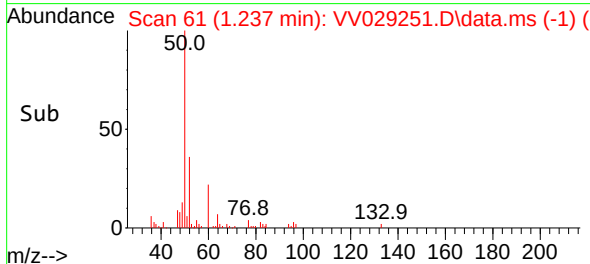
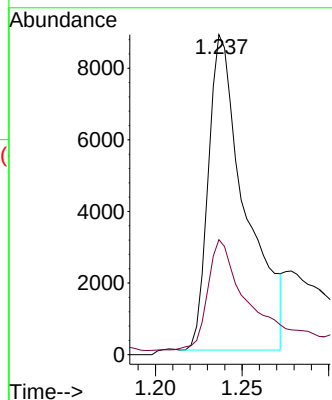
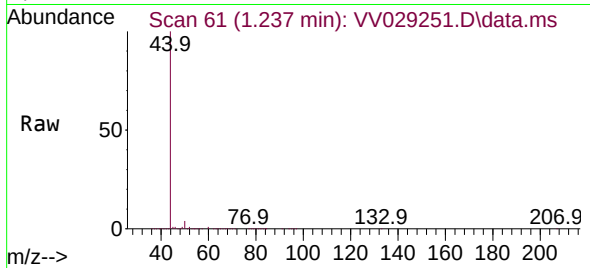




#3
Chloromethane
Concen: 0.460 ug/L
RT: 1.237 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV029251.D
Acq: 21 Nov 2022 02:36

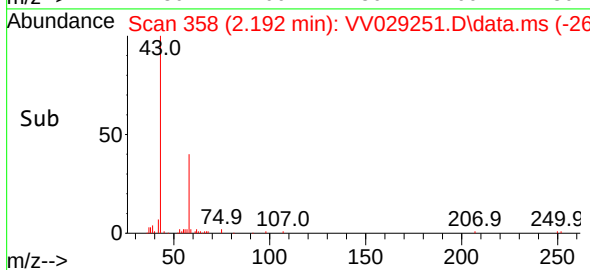
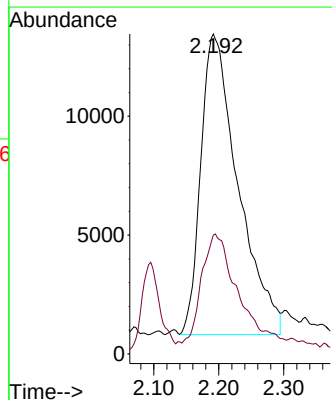
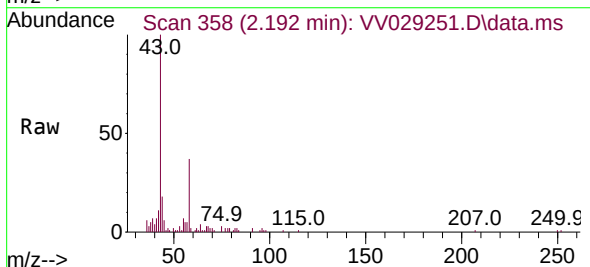
Instrument :
MSVOA_V
ClientSampleId :

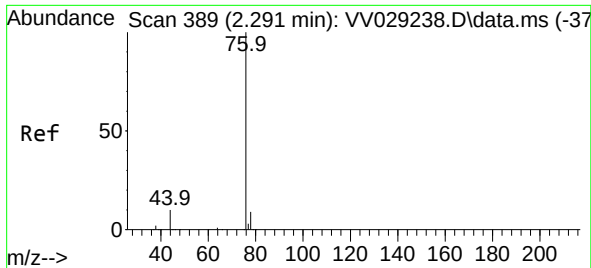
Tgt Ion: 50 Resp: 13116
Ion Ratio Lower Upper
50 100
52 36.0 23.7 43.9



#13
Acetone
Concen: 18.646 ug/L
RT: 2.192 min Scan# 358
Delta R.T. 0.003 min
Lab File: VV029251.D
Acq: 21 Nov 2022 02:36

Tgt Ion: 43 Resp: 50463
Ion Ratio Lower Upper
43 100
58 35.6 0.0 56.6

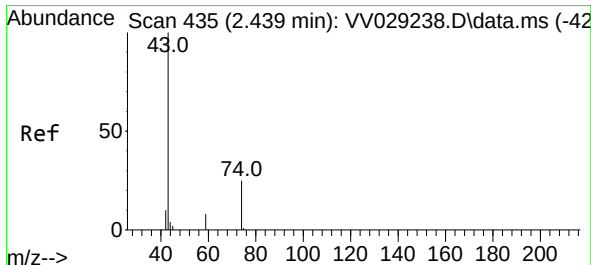
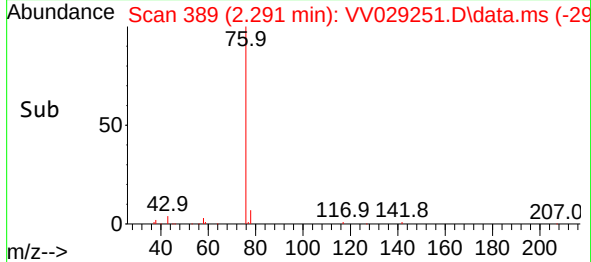
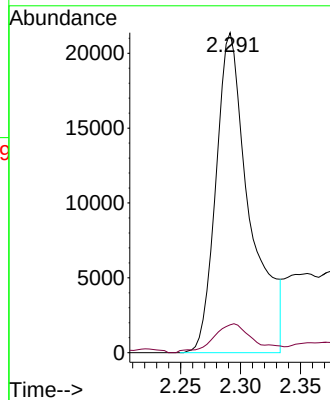
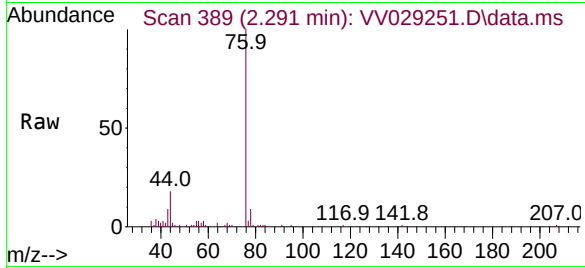




#14
Carbon disulfide
Concen: 0.471 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV029251.D
Acq: 21 Nov 2022 02:36

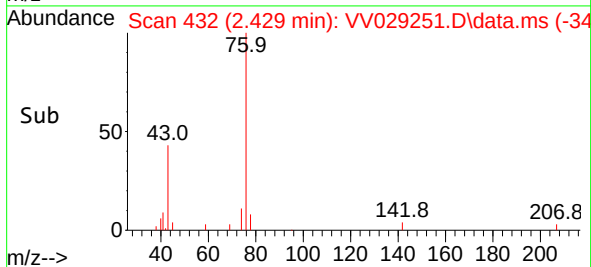
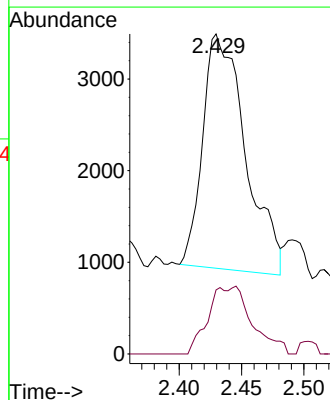
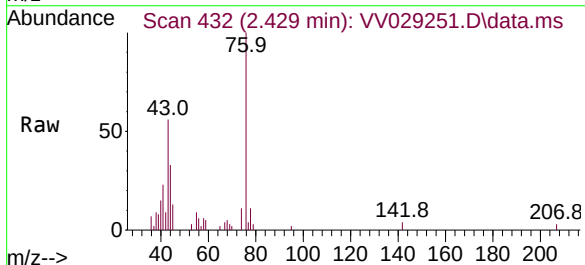
Instrument :
MSVOA_V
ClientSampleId :

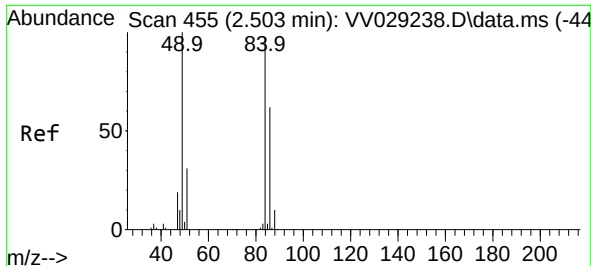
Tgt Ion: 76 Resp: 41766
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



#15
Methyl Acetate
Concen: 0.933 ug/L
RT: 2.429 min Scan# 432
Delta R.T. -0.010 min
Lab File: VV029251.D
Acq: 21 Nov 2022 02:36

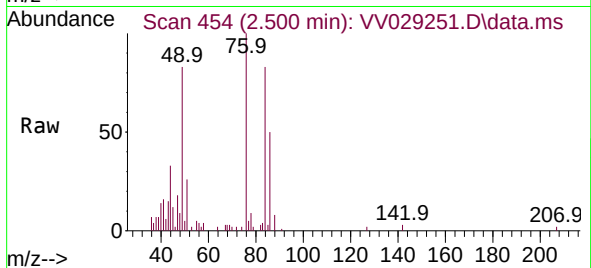
Tgt Ion: 43 Resp: 6125
Ion Ratio Lower Upper
43 100
74 14.2 24.6 37.0#





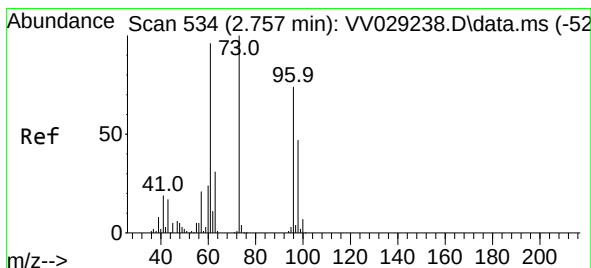
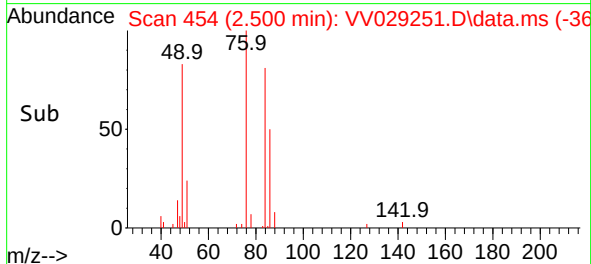
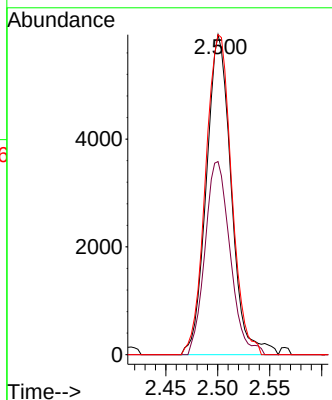
#16
Methylene chloride
Concen: 0.306 ug/L
RT: 2.500 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV029251.D
Acq: 21 Nov 2022 02:36

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 9868

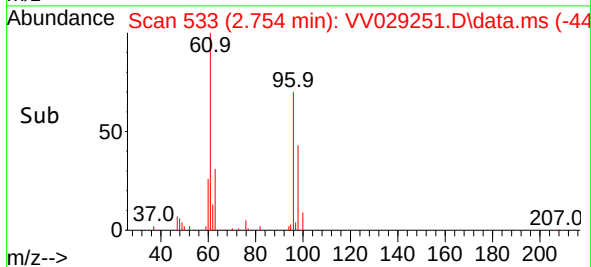
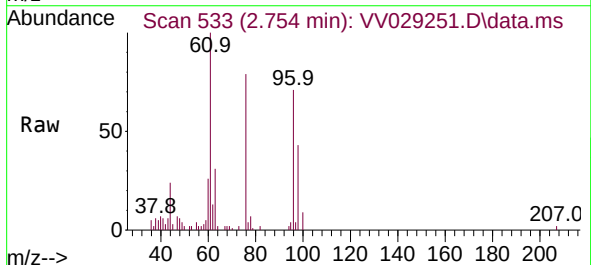
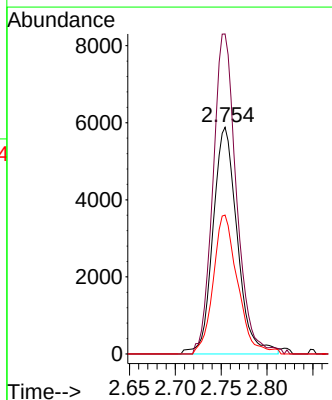
Ion	Ratio	Lower	Upper
84	100		
86	60.3	45.8	85.0
49	100.0	75.5	140.1

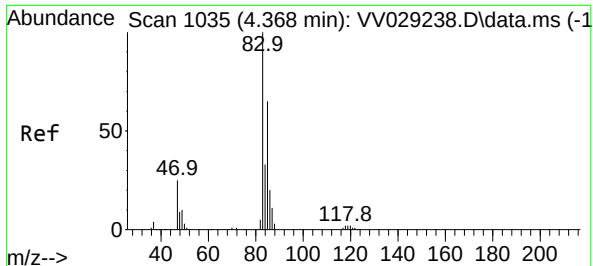


#18
trans-1,2-Dichloroethene
Concen: 0.374 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.003 min
Lab File: VV029251.D
Acq: 21 Nov 2022 02:36

Tgt Ion: 96 Resp: 10833

Ion	Ratio	Lower	Upper
96	100		
61	141.2	91.8	170.6
98	61.2	46.4	86.2





#25

Chloroform

Concen: 0.640 ug/L

RT: 4.365 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VV029251.D

Acq: 21 Nov 2022 02:36

Instrument :

MSVOA_V

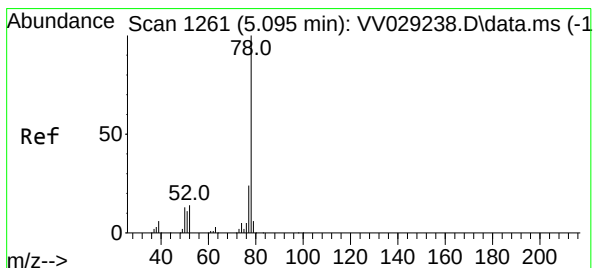
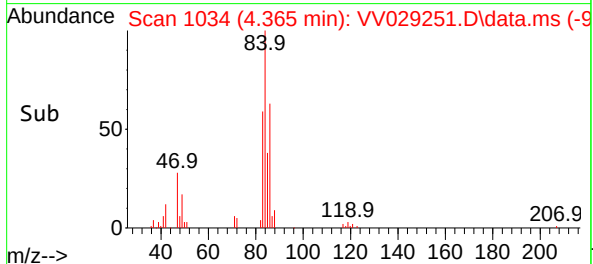
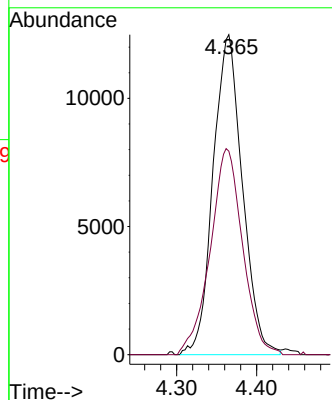
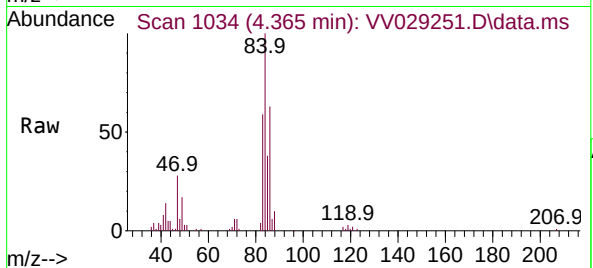
ClientSampleId :

Tgt Ion: 83 Resp: 31766

Ion Ratio Lower Upper

83 100

85 63.6 43.7 81.1



#33

Benzene

Concen: 0.049 ug/L

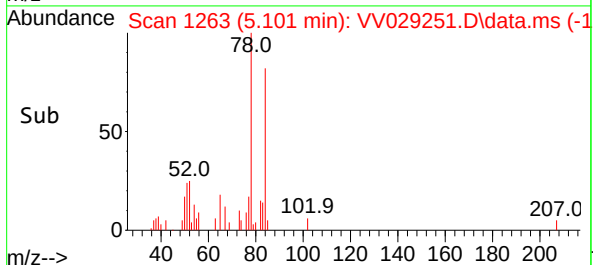
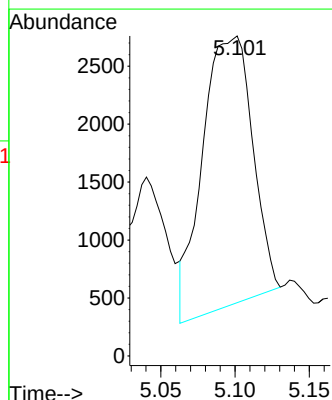
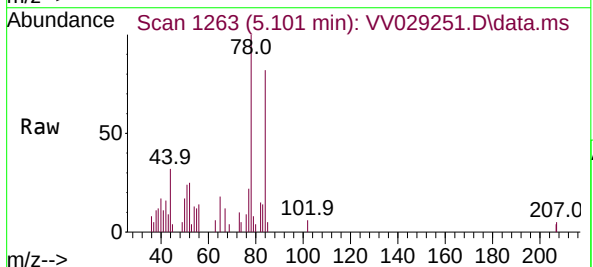
RT: 5.101 min Scan# 1263

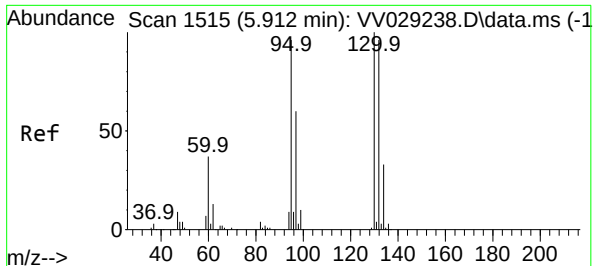
Delta R.T. 0.006 min

Lab File: VV029251.D

Acq: 21 Nov 2022 02:36

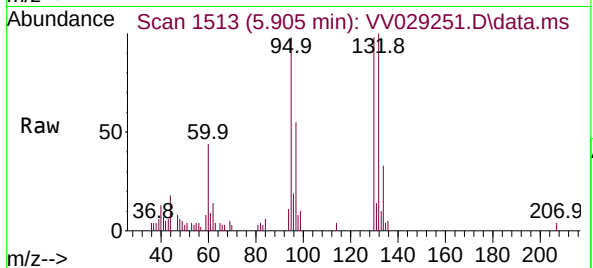
Tgt Ion: 78 Resp: 5464



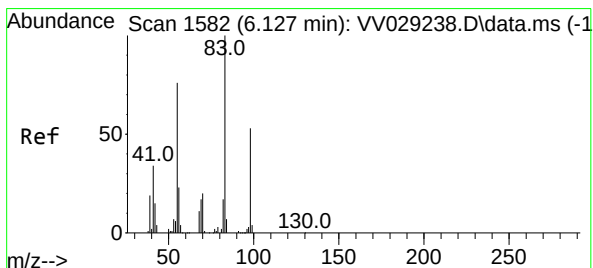
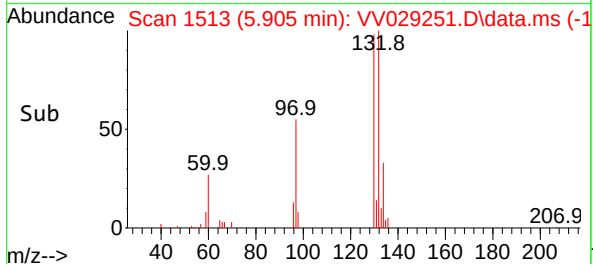
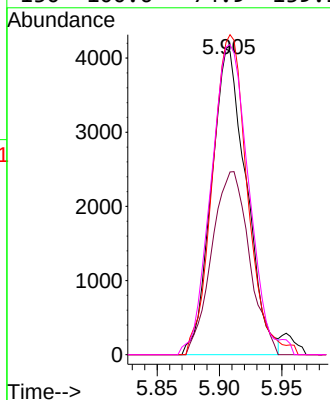


#34
Trichloroethene
Concen: 0.280 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VV029251.D
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Instrument :
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ClientSampleId :

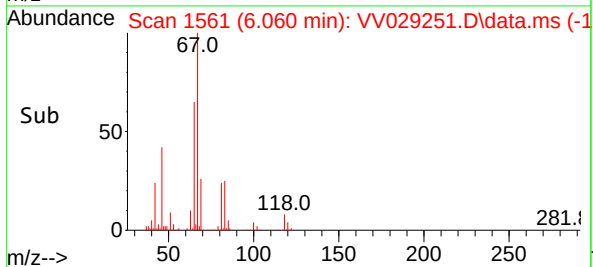
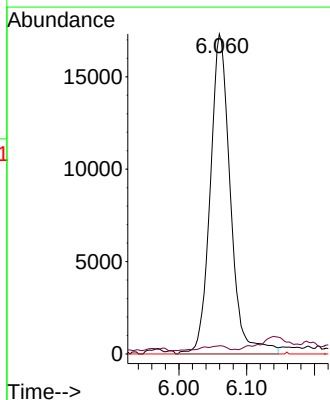
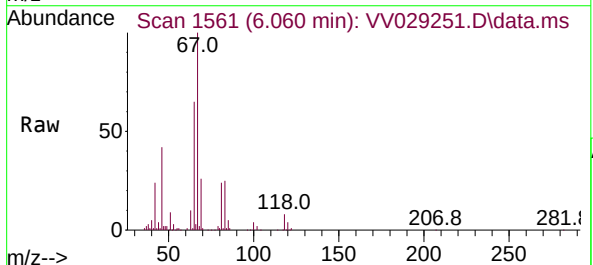


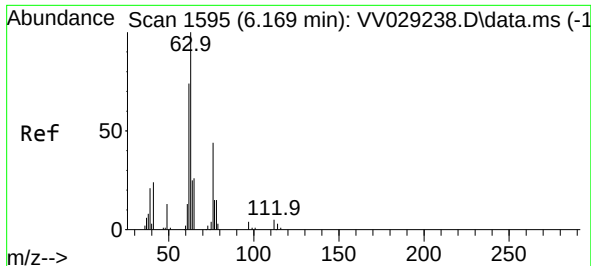
Tgt Ion	95	97	132	130
Ratio	100	56.2	102.1	100.6
Lower		45.6	69.1	74.9
Upper		84.8	128.3	139.1



#35
Methylcyclohexane
Concen: 0.710 ug/L
RT: 6.060 min Scan# 1561
Delta R.T. -0.067 min
Lab File: VV029251.D
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Tgt Ion	83	55	98
Ratio	100	0.8	0.0
Lower		55.8	38.2
Upper		83.6#	57.2#





#37

1,2-Dichloropropane

Concen: 0.538 ug/L

RT: 6.060 min Scan# 1

Delta R.T. -0.109 min

Lab File: VV029251.D

Acq: 21 Nov 2022 02:36

Instrument :

MSVOA_V

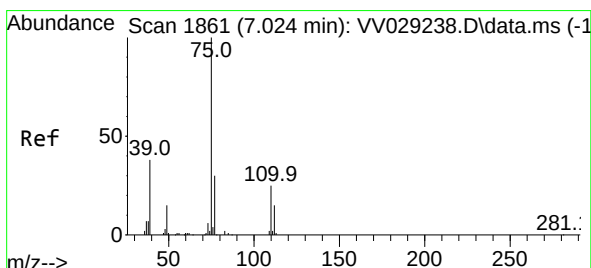
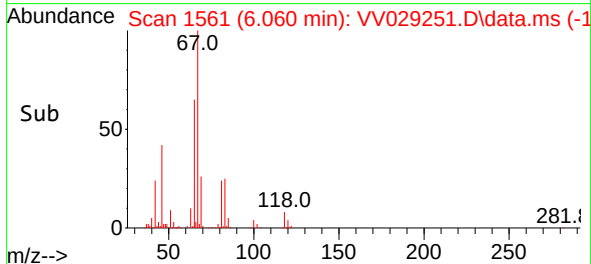
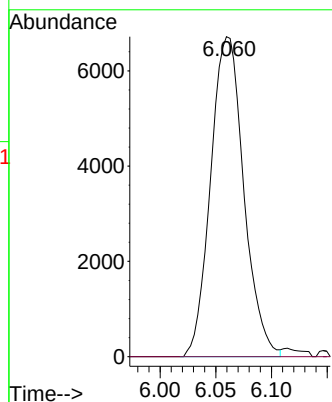
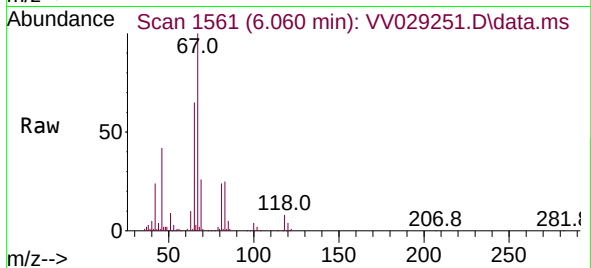
ClientSampleId :

Tgt Ion: 63 Resp: 13915

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 6.979 min Scan# 1847

Delta R.T. -0.045 min

Lab File: VV029251.D

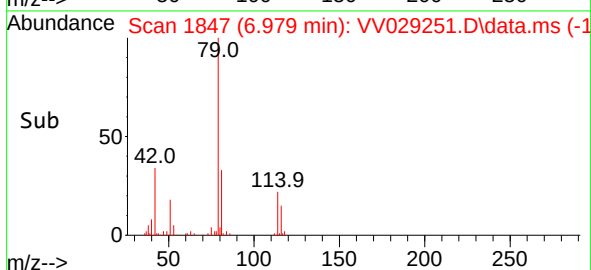
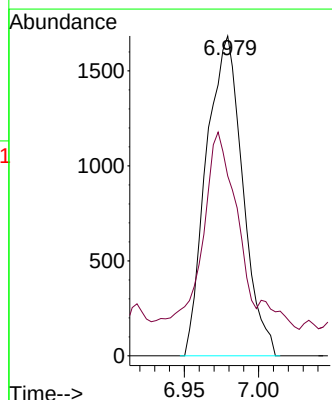
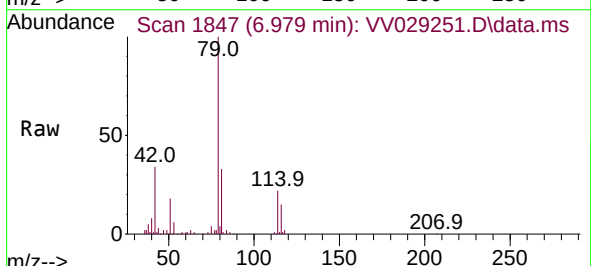
Acq: 21 Nov 2022 02:36

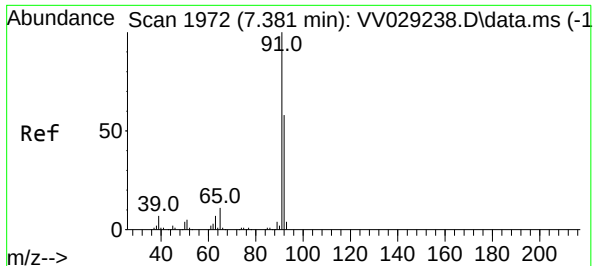
Tgt Ion: 75 Resp: 2854

Ion Ratio Lower Upper

75 100

77 56.2 21.8 40.6#

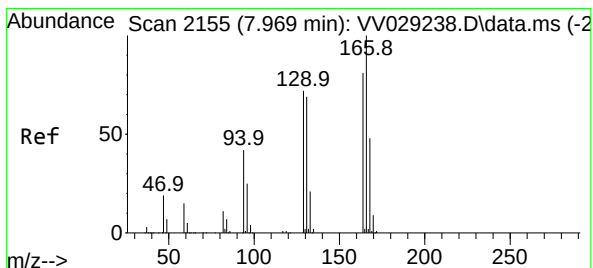
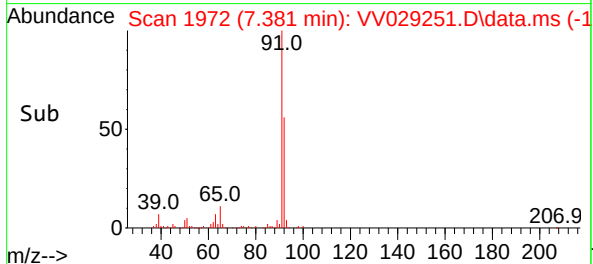
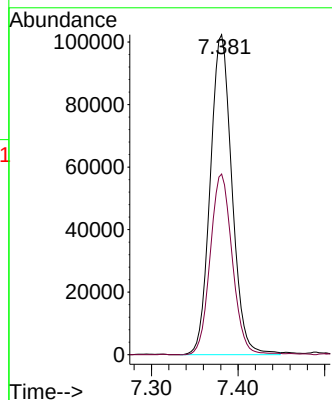
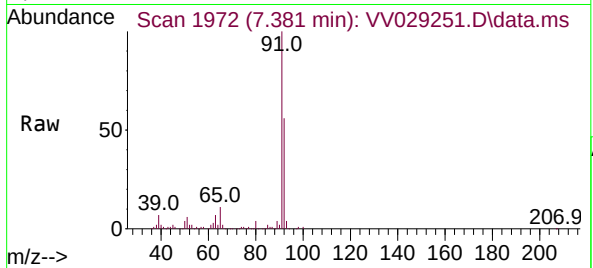




#42
Toluene
Concen: 1.470 ug/L
RT: 7.381 min Scan# 1972
Delta R.T. 0.000 min
Lab File: VV029251.D
Acq: 21 Nov 2022 02:36

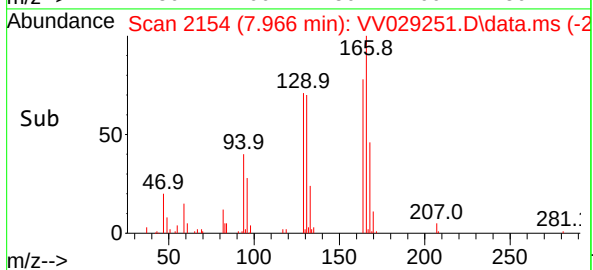
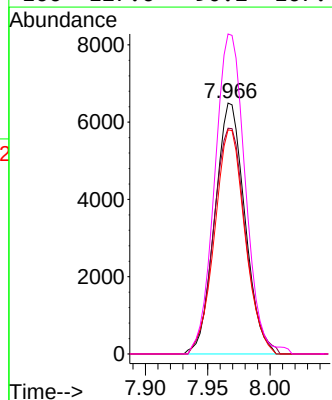
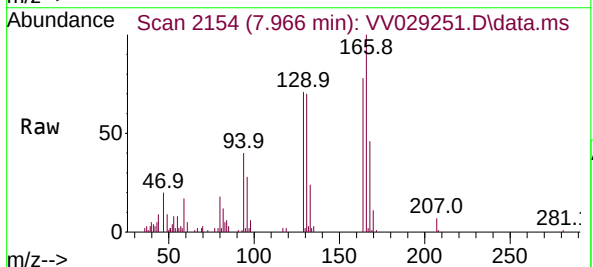
Instrument :
MSVOA_V
ClientSampleId :

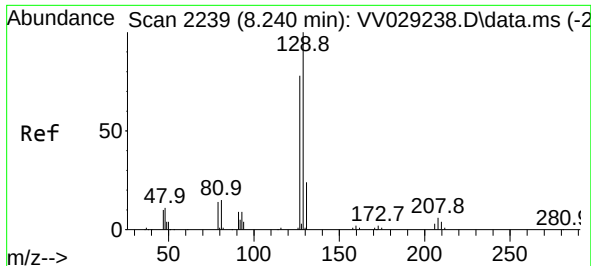
Tgt Ion: 91 Resp: 178019
Ion Ratio Lower Upper
91 100
92 56.5 40.7 75.5



#47
Tetrachloroethene
Concen: 0.474 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.003 min
Lab File: VV029251.D
Acq: 21 Nov 2022 02:36

Tgt Ion: 164 Resp: 10896
Ion Ratio Lower Upper
164 100
129 90.0 63.9 118.7
131 89.4 61.8 114.8
166 127.6 90.2 167.4





#49

Dibromochloromethane

Concen: 0.486 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. -0.273 min

Lab File: VV029251.D

Acq: 21 Nov 2022 02:36

Instrument :

MSVOA_V

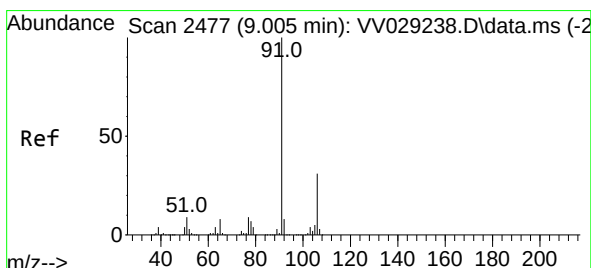
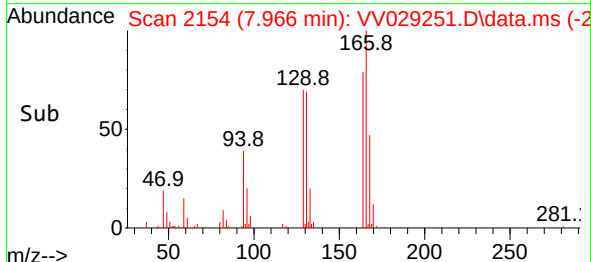
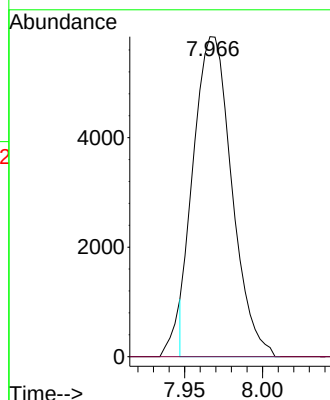
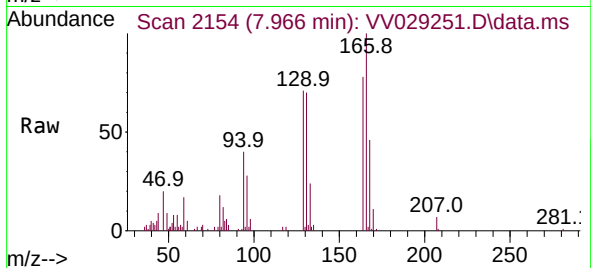
ClientSampleId :

Tgt Ion:129 Resp: 9945

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#52

Ethylbenzene

Concen: 0.127 ug/L

RT: 9.005 min Scan# 2477

Delta R.T. 0.000 min

Lab File: VV029251.D

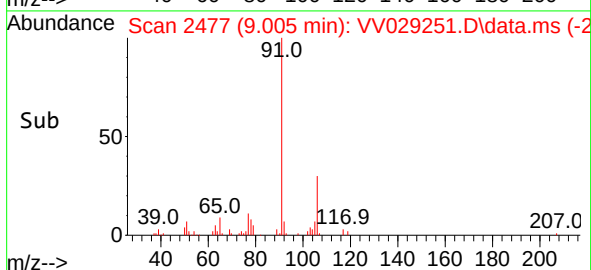
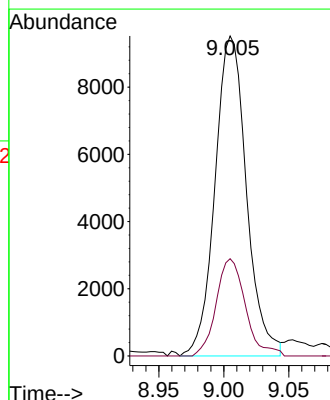
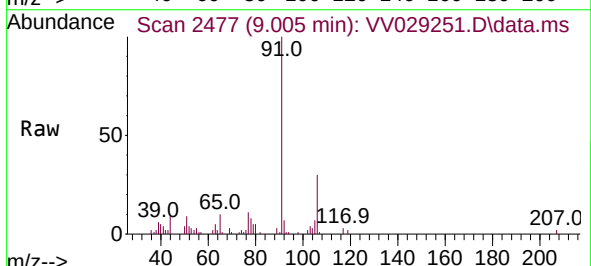
Acq: 21 Nov 2022 02:36

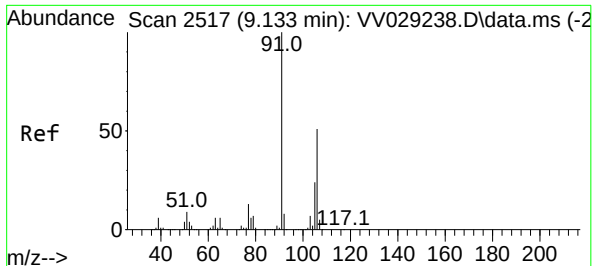
Tgt Ion: 91 Resp: 16024

Ion Ratio Lower Upper

91 100

106 30.4 21.6 40.2

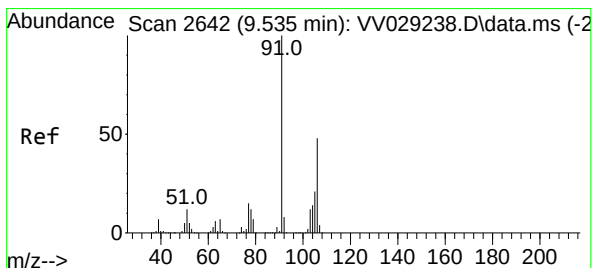
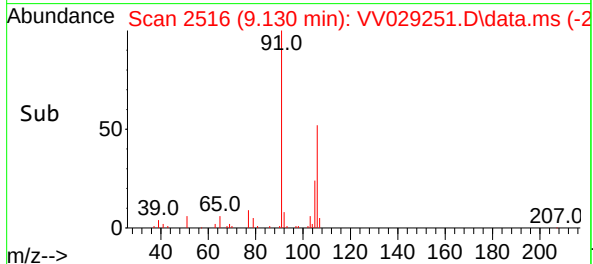
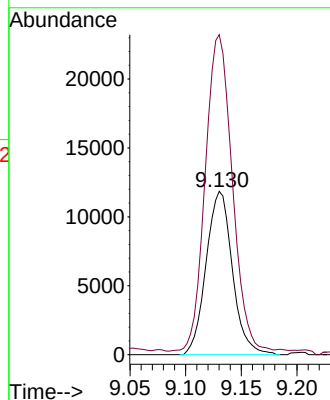
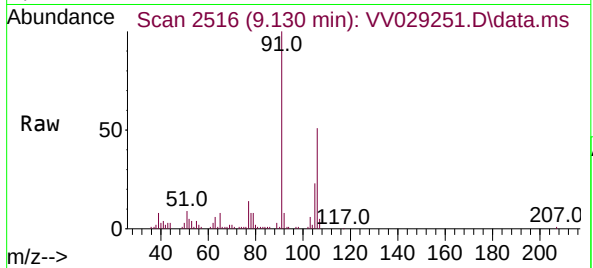




#53
m,p-Xylene
Concen: 0.388 ug/L
RT: 9.130 min Scan# 2517
Delta R.T. -0.003 min
Lab File: VV029251.D
Acq: 21 Nov 2022 02:36

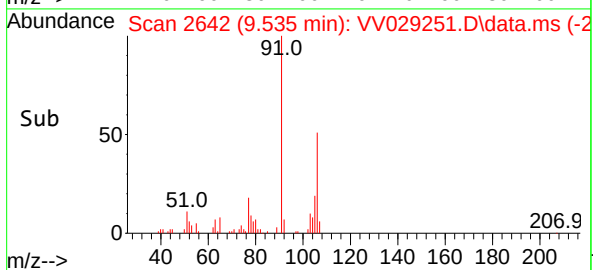
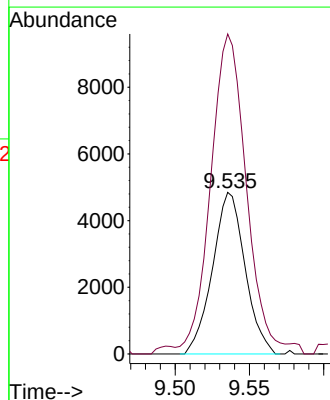
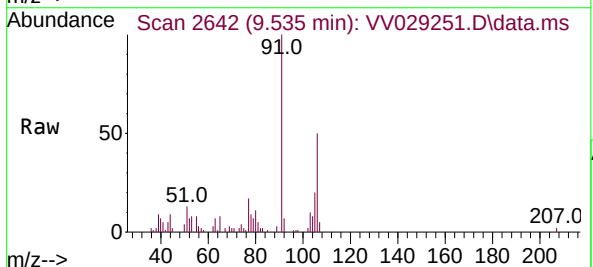
Instrument :
MSVOA_V
ClientSampleId :

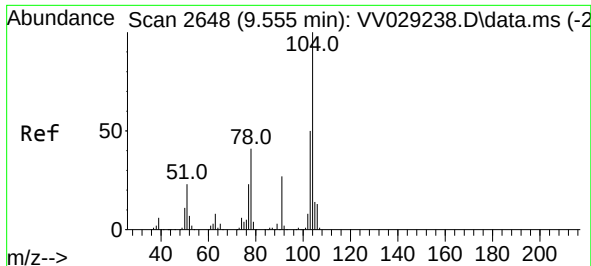
Tgt Ion:106 Resp: 19457
Ion Ratio Lower Upper
106 100
91 195.9 139.1 258.3



#54
o-Xylene
Concen: 0.155 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV029251.D
Acq: 21 Nov 2022 02:36

Tgt Ion:106 Resp: 7379
Ion Ratio Lower Upper
106 100
91 198.1 145.7 270.7

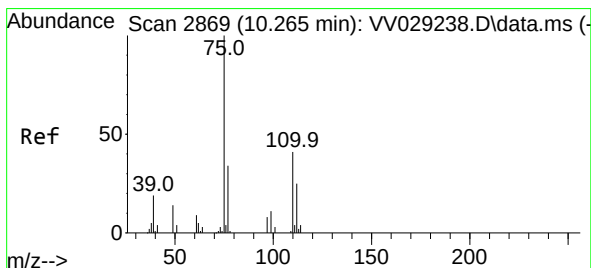
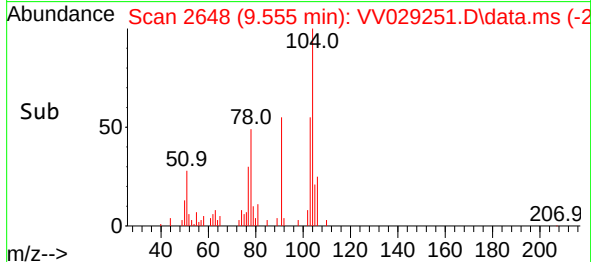
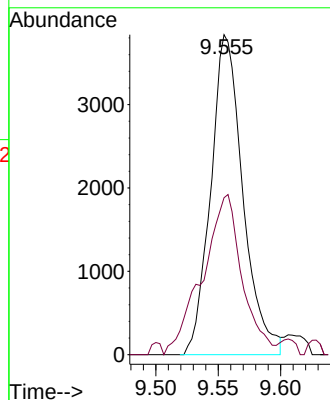
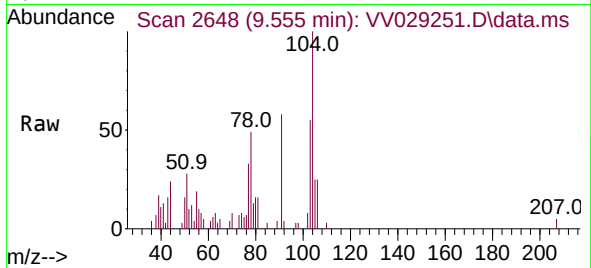




#55
Styrene
Concen: 0.086 ug/L
RT: 9.555 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV029251.D
Acq: 21 Nov 2022 02:36

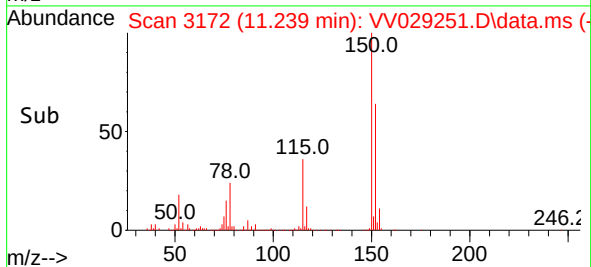
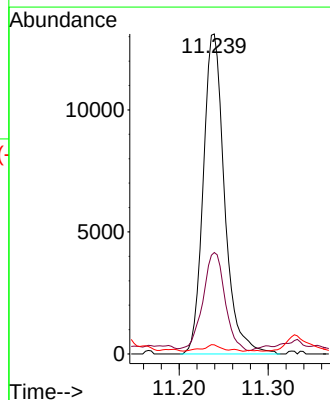
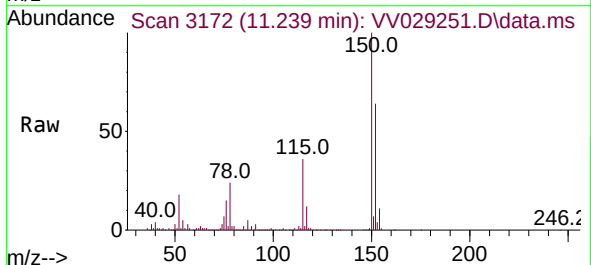
Instrument :
MSVOA_V
ClientSampleId :

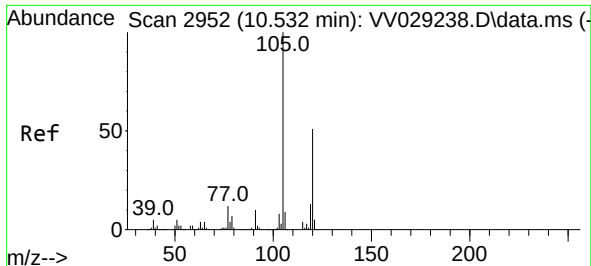
Tgt Ion:104 Resp: 6900
Ion Ratio Lower Upper
104 100
78 49.1 30.1 55.9



#61
1,2,3-Trichloropropane
Concen: 1.756 ug/L
RT: 11.239 min Scan# 3172
Delta R.T. 0.974 min
Lab File: VV029251.D
Acq: 21 Nov 2022 02:36

Tgt Ion: 75 Resp: 21751
Ion Ratio Lower Upper
75 100
77 31.9 26.2 39.2
110 1.7 32.6 48.8#

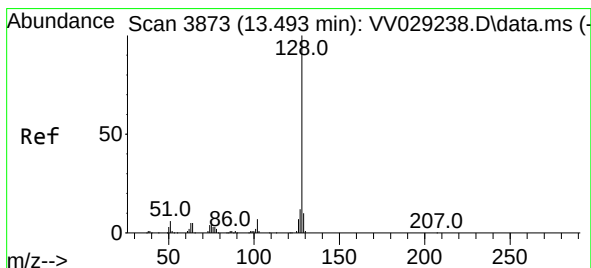
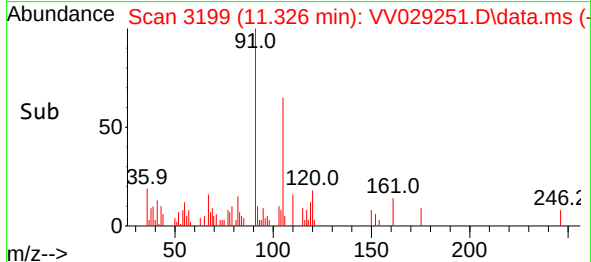
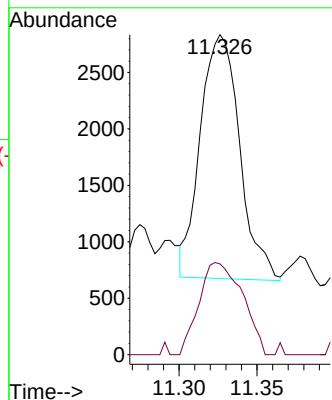
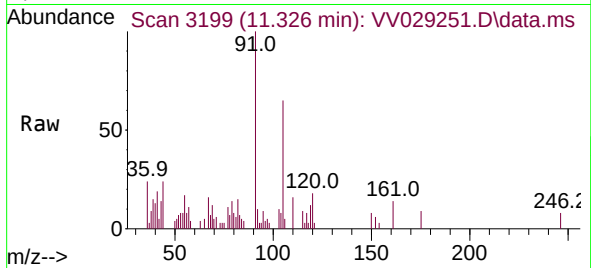




#62
1,3,5-Trimethylbenzene
Concen: 0.038 ug/L
RT: 11.326 min Scan# 3199
Delta R.T. 0.794 min
Lab File: VV029251.D
Acq: 21 Nov 2022 02:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 3798
Ion Ratio Lower Upper
105 100
120 41.8 39.9 59.9



#71
Naphthalene
Concen: 0.100 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.000 min
Lab File: VV029251.D
Acq: 21 Nov 2022 02:36

Tgt Ion:128 Resp: 4165
Ion Ratio Lower Upper
128 100
129 18.0 8.8 13.2#
127 14.8 9.8 14.8#

