

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112222\
 Data File : VW029295.D
 Acq On : 23 Nov 2022 04:43
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 06:03:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 23 01:46:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	289088	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	258895	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	128094	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	148357	5.380	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 107.600%	
7) Chloroethane-d5	1.565	69	116231	5.384	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 107.600%	
11) 1,1-Dichloroethene-d2	2.105	63	249662	5.315	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 106.200%	
20) 2-Butanone-d5	3.912	46	256097	62.915	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 125.820%	
24) Chloroform-d	4.339	84	214935	5.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 110.000%	
26) 1,2-Dichloroethane-d4	5.024	65	104255	5.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 112.800%	
32) Benzene-d6	5.043	84	468099	5.546	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 111.000%	
36) 1,2-Dichloropropane-d6	6.063	67	146881	5.507	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 110.200%	
41) Toluene-d8	7.307	98	420064	5.523	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 110.400%	
43) trans-1,3-Dichloroprop...	7.616	79	49324	5.554	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 111.000%	
46) 2-Hexanone-d5	8.085	63	136655	85.845	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 171.700%#	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	83821	6.322	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 126.400%#	
66) 1,2-Dichlorobenzene-d4	11.612	152	133297	5.394	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 107.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	125586	5.201	ug/L	97
3) Chloromethane	1.240	50	161573	4.868	ug/L	100
5) Vinyl chloride	1.307	62	161491	5.072	ug/L	98
6) Bromomethane	1.520	94	85620	4.864	ug/L	98
8) Chloroethane	1.584	64	98395	5.157	ug/L	99
9) Trichlorofluoromethane	1.751	101	178570	4.909	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	107365	4.982	ug/L	99
12) 1,1-Dichloroethene	2.114	96	106341	4.985	ug/L	94
13) Acetone	2.208	43	165128	48.901	ug/L	60
14) Carbon disulfide	2.291	76	299111	4.965	ug/L	100
15) Methyl Acetate	2.439	43	44249	5.041	ug/L	96
16) Methylene chloride	2.503	84	127086	3.784	ug/L	99
17) Methyl tert-butyl Ether	2.764	73	250382	5.343	ug/L	100
18) trans-1,2-Dichloroethene	2.754	96	109855	5.068	ug/L	97
19) 1,1-Dichloroethane	3.182	63	226744	5.190	ug/L	99
21) 2-Butanone	3.995	43	290593	54.378	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	119929	5.071	ug/L	99
23) Bromochloromethane	4.240	128	47043	5.322	ug/L	99
25) Chloroform	4.365	83	214684	5.166	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112222\
 Data File : VV029295.D
 Acq On : 23 Nov 2022 04:43
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

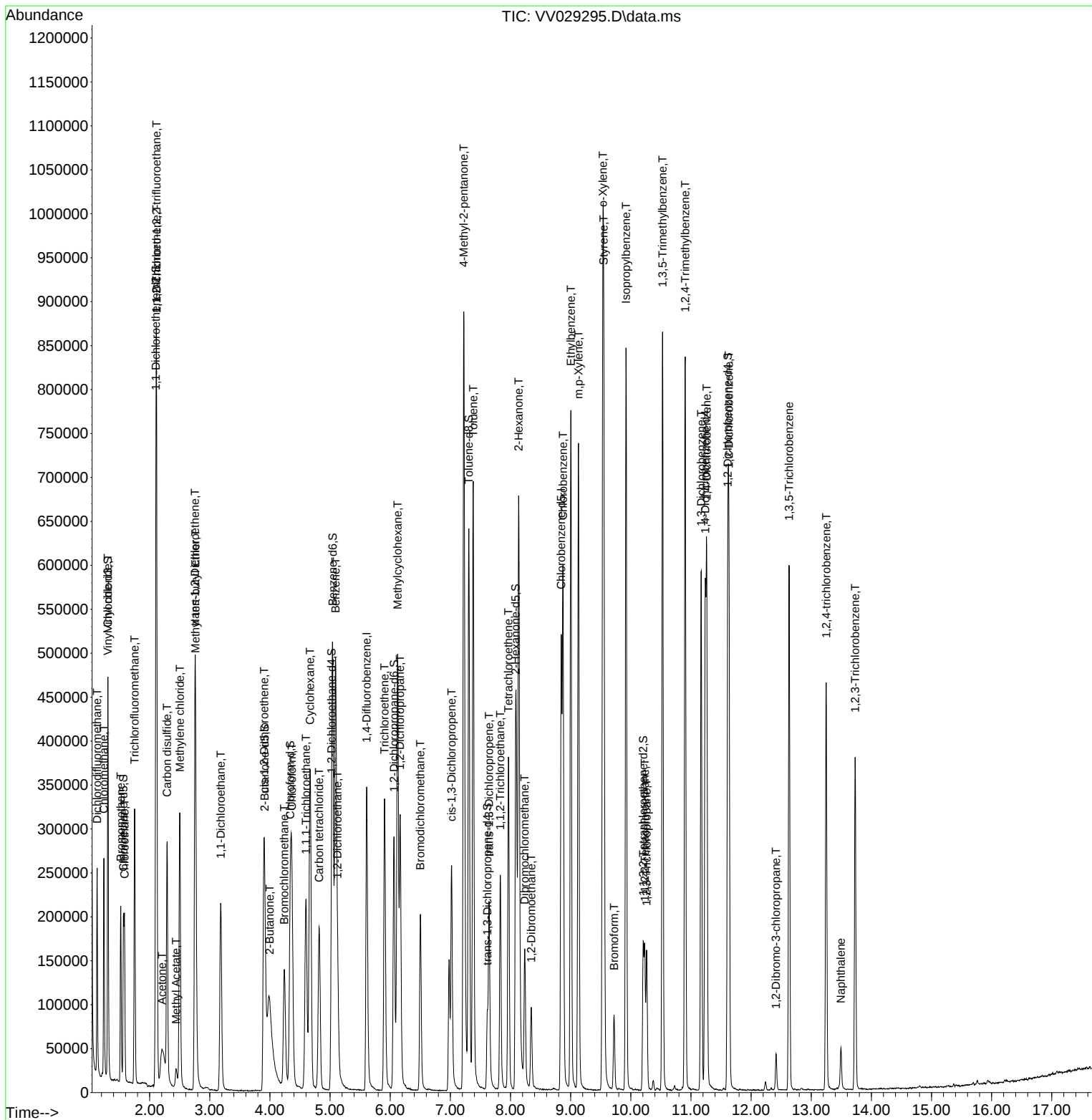
Instrument :
 MSVOA_V
 ClientSampleId :

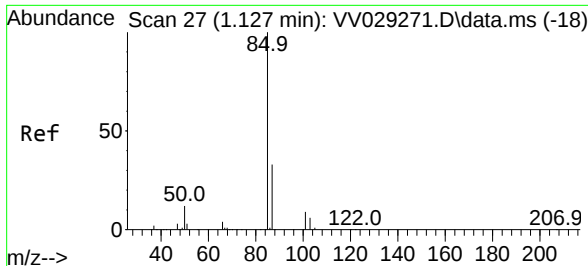
Quant Time: Nov 23 06:03:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 23 01:46:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	120665	5.300	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	175932	5.134	ug/L	100
30) Cyclohexane	4.667	56	212488	5.128	ug/L	99
31) Carbon tetrachloride	4.818	117	135006	4.939	ug/L	97
33) Benzene	5.092	78	486022	5.155	ug/L	100
34) Trichloroethene	5.905	95	120880	4.872	ug/L	97
35) Methylcyclohexane	6.124	83	199336	4.971	ug/L	98
37) 1,2-Dichloropropane	6.166	63	129595	5.302	ug/L	100
38) Bromodichloromethane	6.503	83	139023	5.083	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	163649	5.171	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	692282	56.093	ug/L	99
42) Toluene	7.381	91	500336	5.162	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	124079	5.090	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	74558	5.140	ug/L	97
47) Tetrachloroethene	7.966	164	81041	4.974	ug/L	99
48) 2-Hexanone	8.137	43	500189	53.572	ug/L	98
49) Dibromochloromethane	8.236	129	76583	5.052	ug/L	100
50) 1,2-Dibromoethane	8.346	107	65505	5.337	ug/L	98
51) Chlorobenzene	8.873	112	299222	5.081	ug/L	98
52) Ethylbenzene	9.005	91	540471	5.181	ug/L	100
53) m,p-Xylene	9.130	106	198569	5.128	ug/L	99
54) o-Xylene	9.535	106	197981	5.225	ug/L	99
55) Styrene	9.551	104	341193	5.266	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	79836	6.159	ug/L	99
59) Bromoform	9.722	173	36409	4.845	ug/L	97
60) Isopropylbenzene	9.921	105	530345	5.134	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	66514	5.427	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	439819	5.013	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	441093	5.055	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	223282	4.939	ug/L	97
65) 1,4-Dichlorobenzene	11.262	146	219809	4.963	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	207107	5.057	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	10359	5.628	ug/L	92
69) 1,3,5-Trichlorobenzene	12.632	180	169901	4.826	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	132929	4.865	ug/L	98
71) Naphthalene	13.493	128	40788	4.379	ug/L	98
72) 1,2,3-Trichlorobenzene	13.731	180	108777	4.945	ug/L	99

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

Quant Time: Nov 23 06:03:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 23 01:46:18 2022
Response via : Initial Calibration

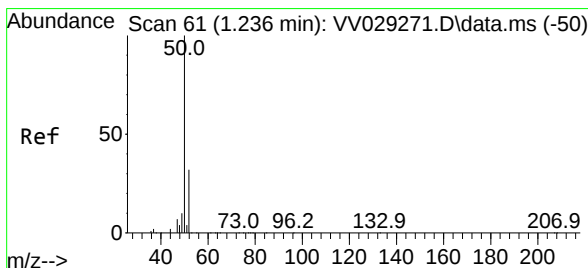
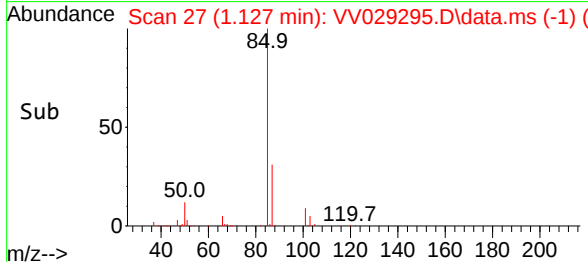
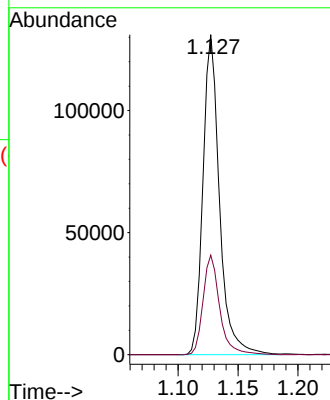
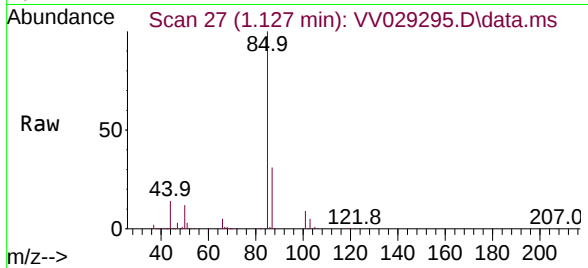




#2
Dichlorodifluoromethane
Concen: 5.201 ug/L
RT: 1.127 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029295.D
Acq: 23 Nov 2022 04:43

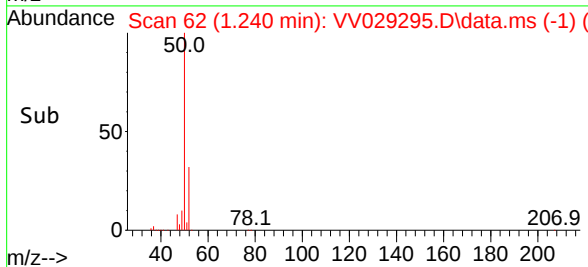
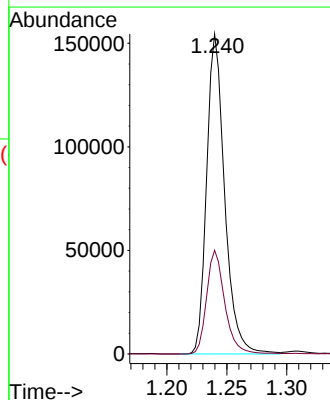
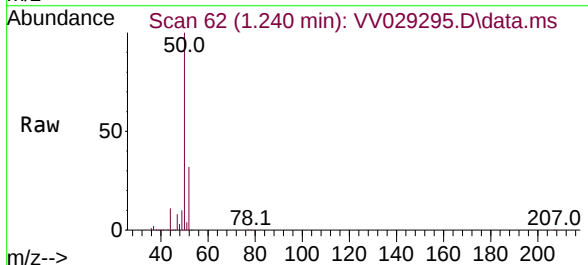
Instrument :
MSVOA_V
ClientSampleId :

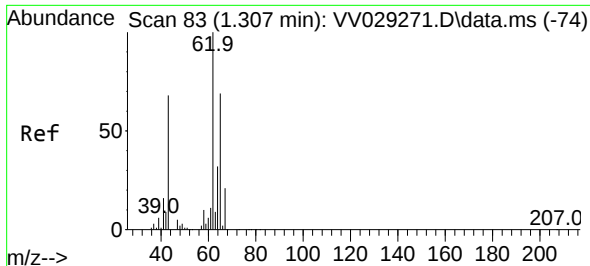
Tgt Ion: 85 Resp: 125586
Ion Ratio Lower Upper
85 100
87 31.3 26.3 39.5



#3
Chloromethane
Concen: 4.868 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.003 min
Lab File: VV029295.D
Acq: 23 Nov 2022 04:43

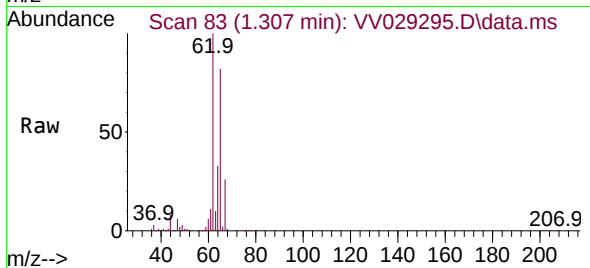
Tgt Ion: 50 Resp: 161573
Ion Ratio Lower Upper
50 100
52 32.4 22.8 42.4



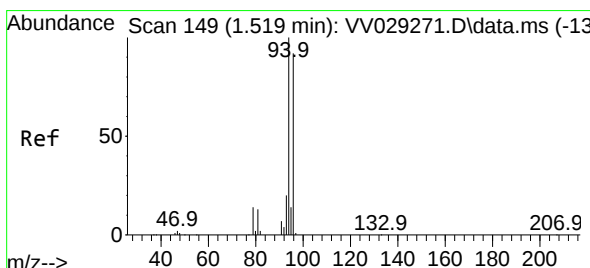
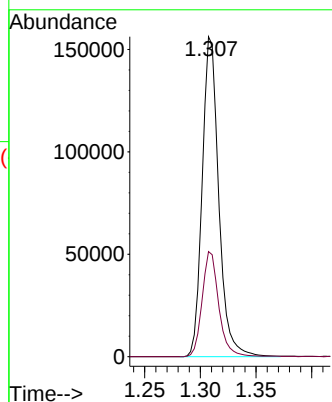
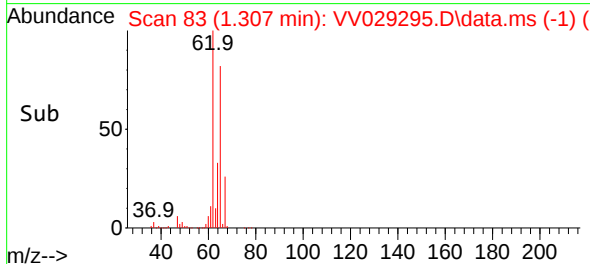


#5
 Vinyl chloride
 Concen: 5.072 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV029295.D
 Acq: 23 Nov 2022 04:43

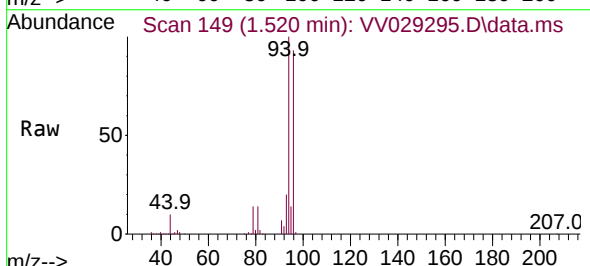
Instrument :
 MSVOA_V
 ClientSampleId :



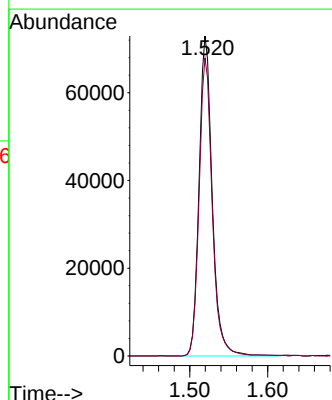
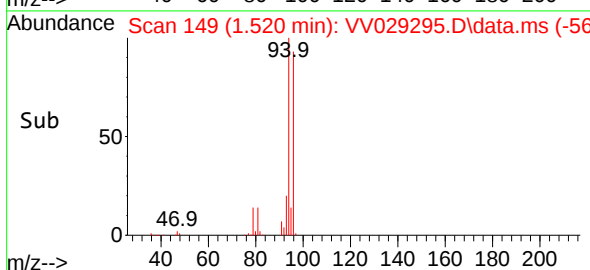
Tgt Ion: 62 Resp: 161491
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.8 44.2

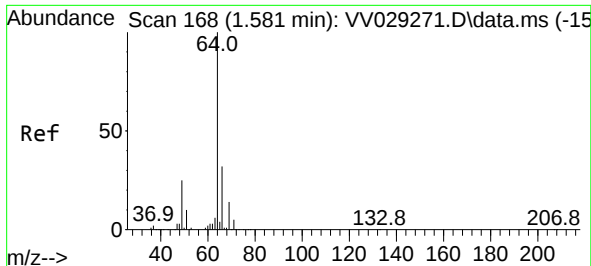


#6
 Bromomethane
 Concen: 4.864 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV029295.D
 Acq: 23 Nov 2022 04:43



Tgt Ion: 94 Resp: 85620
 Ion Ratio Lower Upper
 94 100
 96 93.1 66.8 124.2

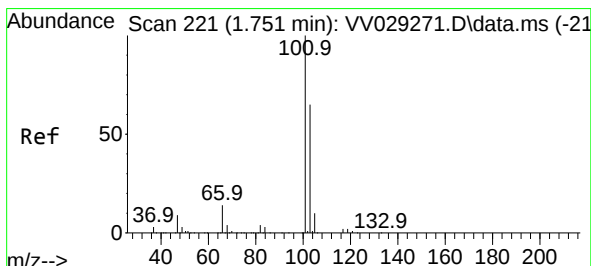
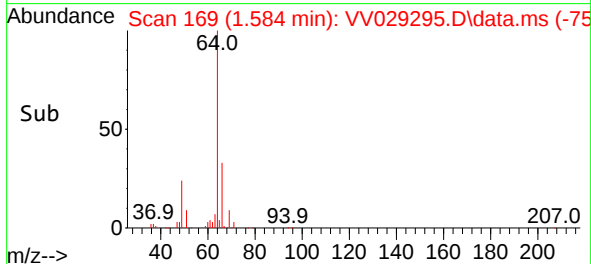
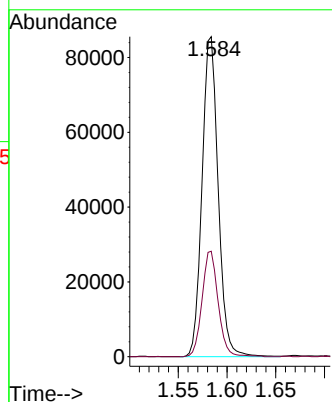
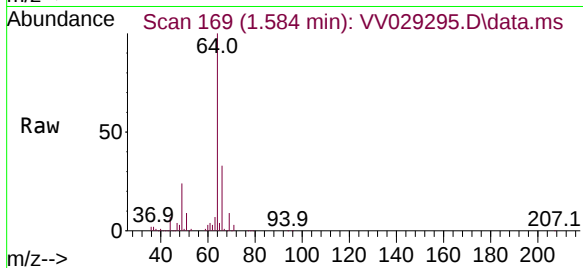




#8
Chloroethane
Concen: 5.157 ug/L
RT: 1.584 min Scan# 168
Delta R.T. 0.003 min
Lab File: VV029295.D
Acq: 23 Nov 2022 04:43

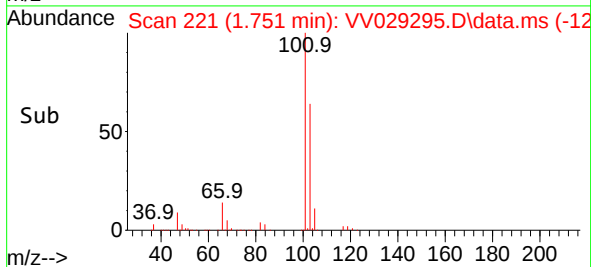
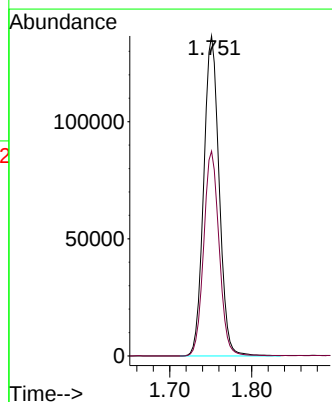
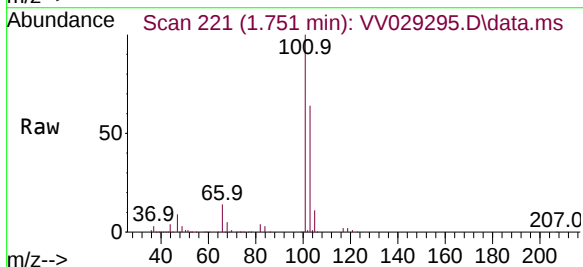
Instrument :
MSVOA_V
ClientSampleId :

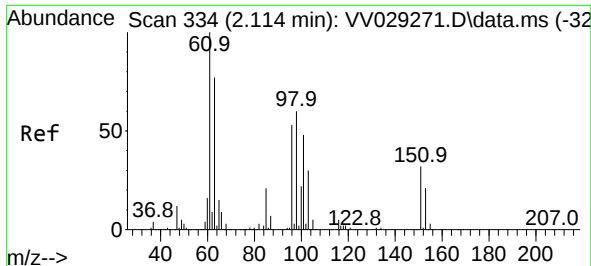
Tgt Ion: 64 Resp: 98395
Ion Ratio Lower Upper
64 100
66 32.9 22.6 42.0



#9
Trichlorofluoromethane
Concen: 4.909 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV029295.D
Acq: 23 Nov 2022 04:43

Tgt Ion:101 Resp: 178570
Ion Ratio Lower Upper
101 100
103 64.0 51.7 77.5

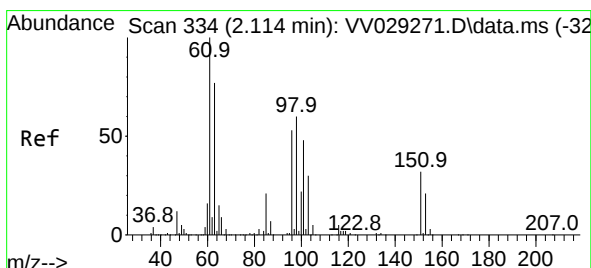
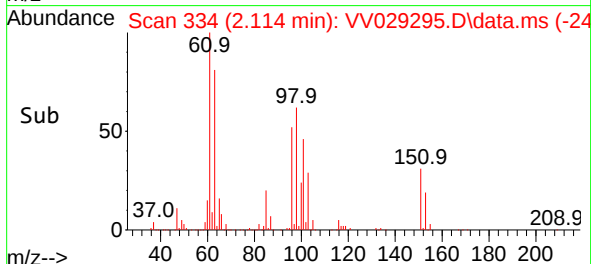
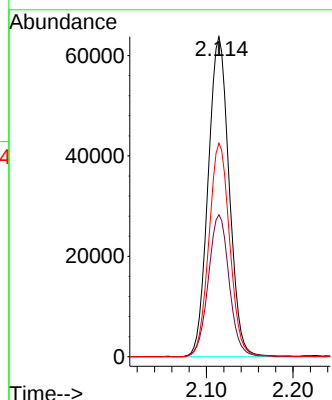
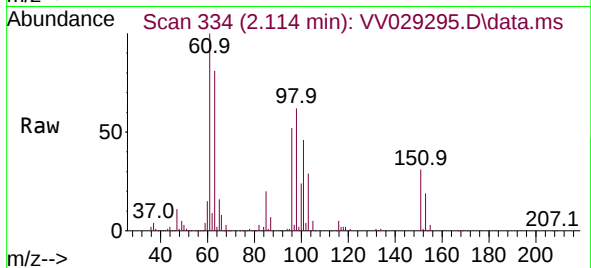




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.982 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV029295.D
 Acq: 23 Nov 2022 04:43

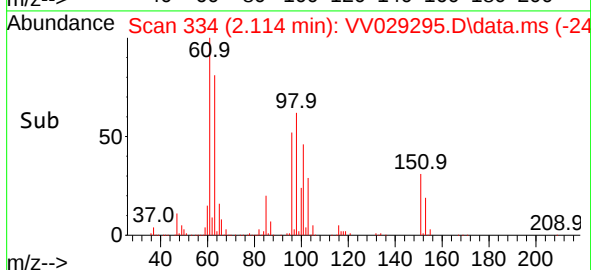
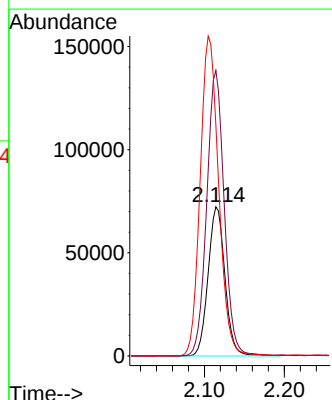
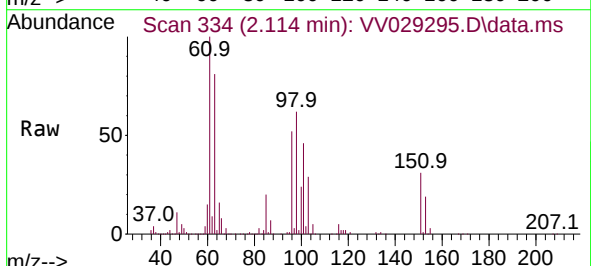
Instrument :
 MSVOA_V
 ClientSampleId :

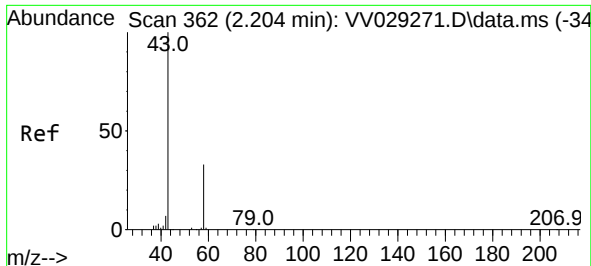
Tgt Ion:101 Resp: 107365
 Ion Ratio Lower Upper
 101 100
 85 44.1 34.7 52.1
 151 66.3 53.4 80.2



#12
 1,1-Dichloroethene
 Concen: 4.985 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV029295.D
 Acq: 23 Nov 2022 04:43

Tgt Ion: 96 Resp: 106341
 Ion Ratio Lower Upper
 96 100
 61 191.4 131.9 245.0
 63 154.7 98.6 183.0





#13

Acetone

Concen: 48.901 ug/L

RT: 2.208 min Scan# 3

Delta R.T. 0.003 min

Lab File: VV029295.D

Acq: 23 Nov 2022 04:43

Instrument :

MSVOA_V

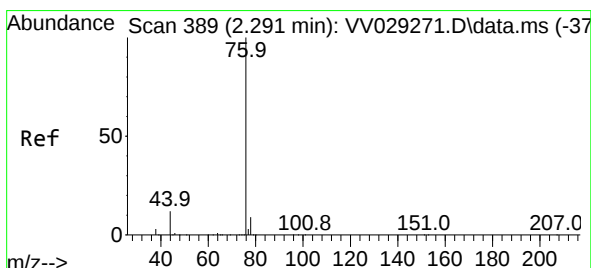
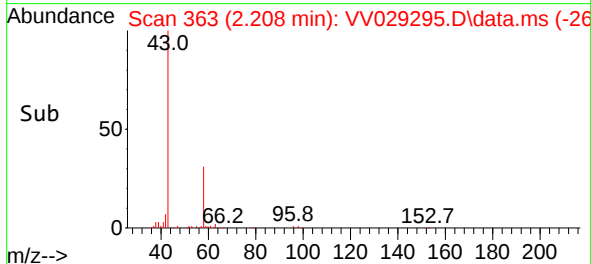
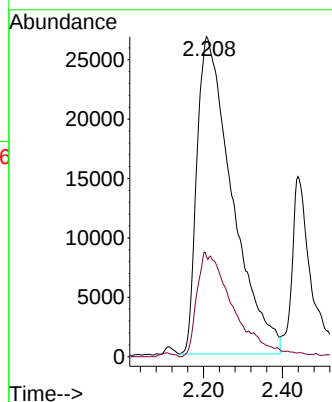
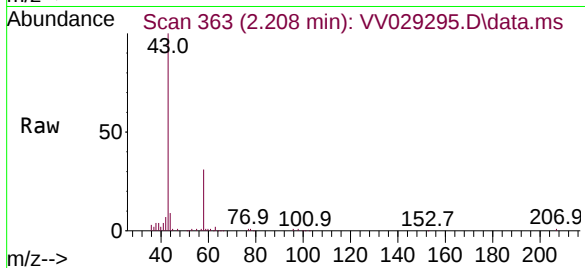
ClientSampleId :

Tgt Ion: 43 Resp: 165128

Ion Ratio Lower Upper

43 100

58 10.4 0.0 65.2



#14

Carbon disulfide

Concen: 4.965 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.000 min

Lab File: VV029295.D

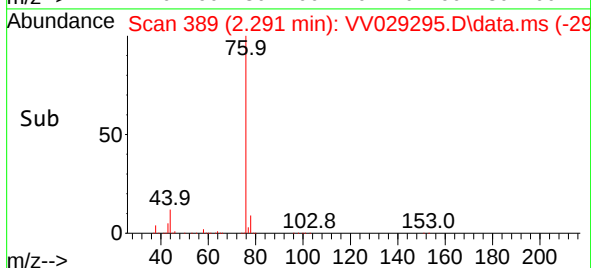
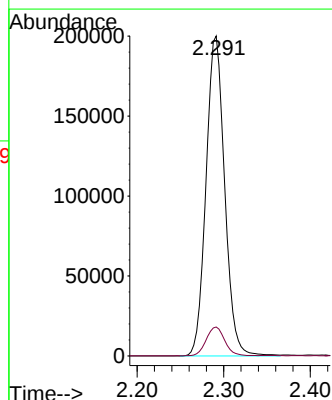
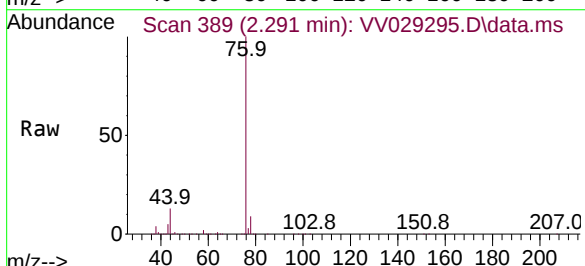
Acq: 23 Nov 2022 04:43

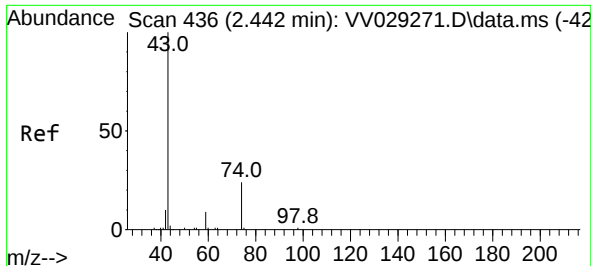
Tgt Ion: 76 Resp: 299111

Ion Ratio Lower Upper

76 100

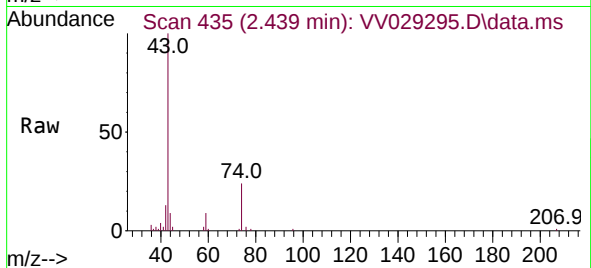
78 9.0 7.2 10.8



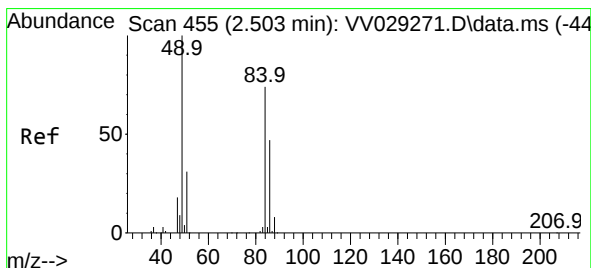
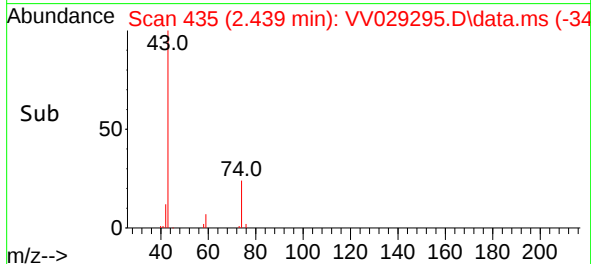
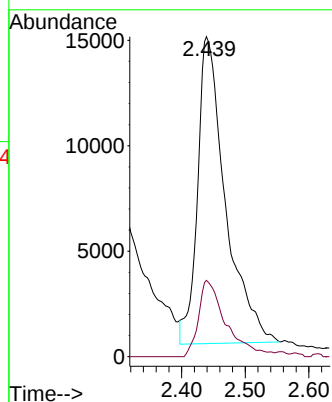


#15
Methyl Acetate
Concen: 5.041 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV029295.D
Acq: 23 Nov 2022 04:43

Instrument :
MSVOA_V
ClientSampleId :

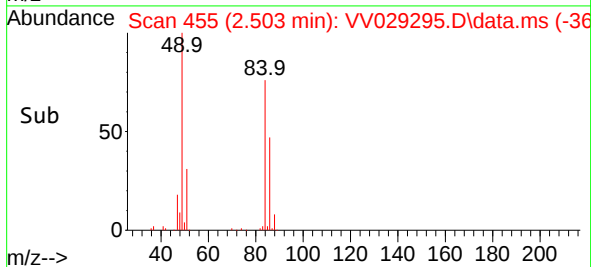
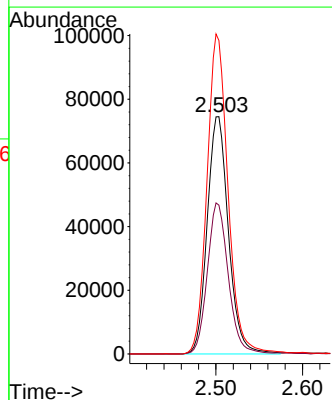
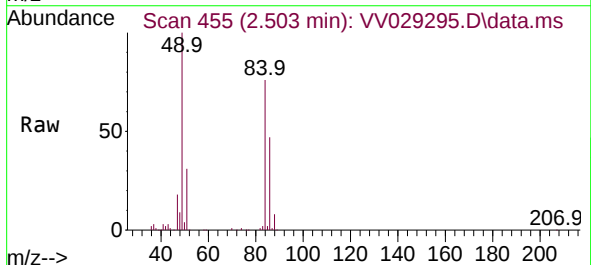


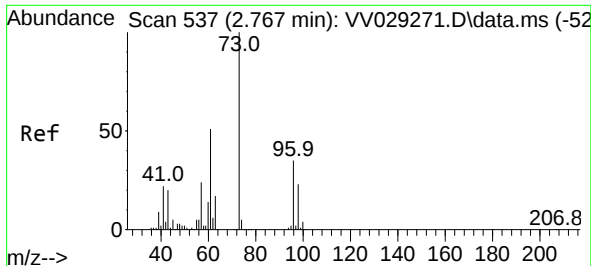
Tgt Ion: 43 Resp: 44249
Ion Ratio Lower Upper
43 100
74 24.5 18.0 27.0



#16
Methylene chloride
Concen: 3.784 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV029295.D
Acq: 23 Nov 2022 04:43

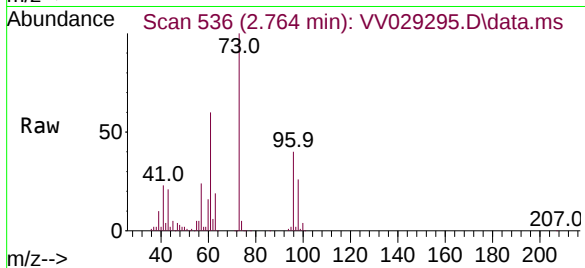
Tgt Ion: 84 Resp: 127086
Ion Ratio Lower Upper
84 100
86 62.8 44.2 82.2
49 132.1 91.9 170.7



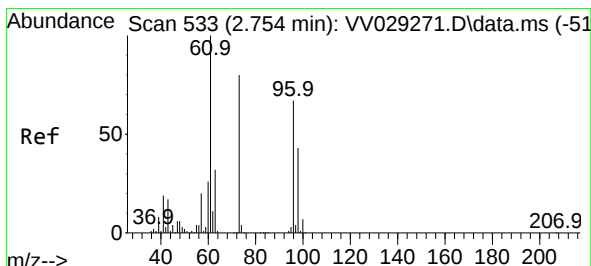
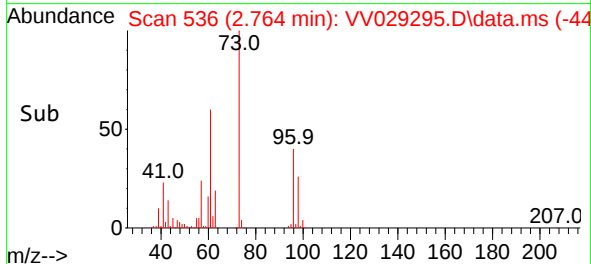
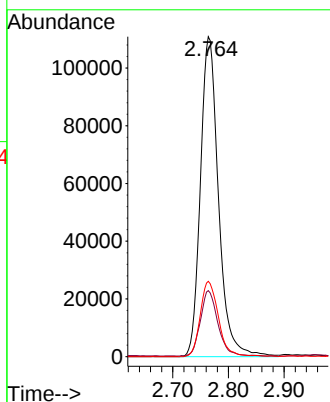


#17
Methyl tert-butyl Ether
Concen: 5.343 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV029295.D
Acq: 23 Nov 2022 04:43

Instrument :
MSVOA_V
ClientSampleId :

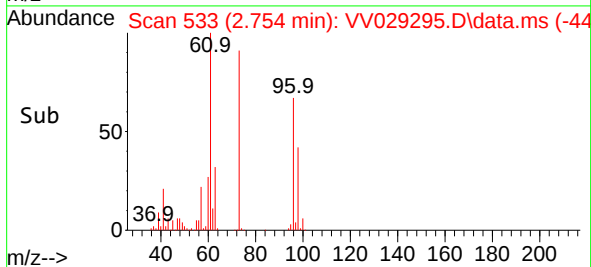
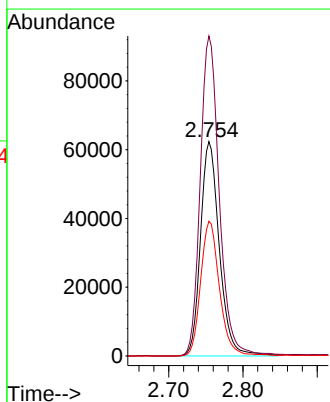
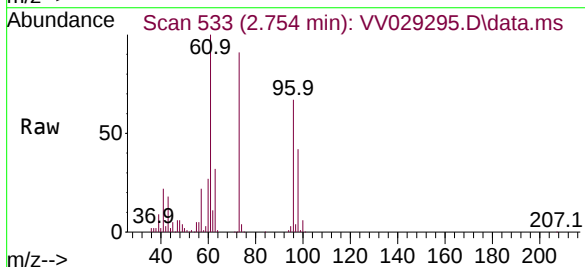


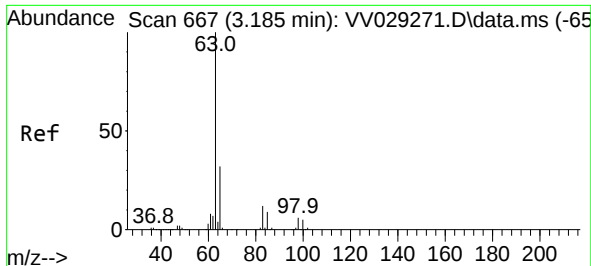
Tgt Ion: 73 Resp: 250382
Ion Ratio Lower Upper
73 100
43 19.7 15.4 23.2
57 23.5 18.9 28.3



#18
trans-1,2-Dichloroethene
Concen: 5.068 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.000 min
Lab File: VV029295.D
Acq: 23 Nov 2022 04:43

Tgt Ion: 96 Resp: 109855
Ion Ratio Lower Upper
96 100
61 149.3 107.6 199.8
98 62.8 44.3 82.3





#19

1,1-Dichloroethane

Concen: 5.190 ug/L

RT: 3.182 min Scan# 666

Delta R.T. -0.003 min

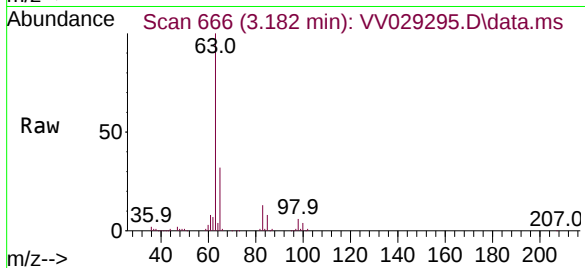
Lab File: VV029295.D

Acq: 23 Nov 2022 04:43

Instrument :

MSVOA_V

ClientSampleId :



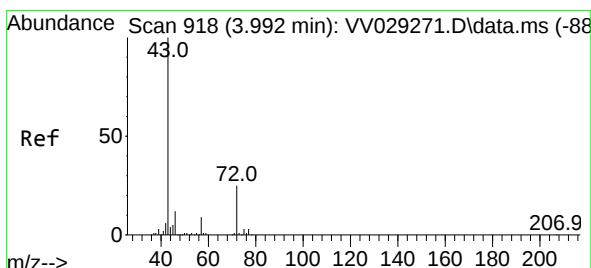
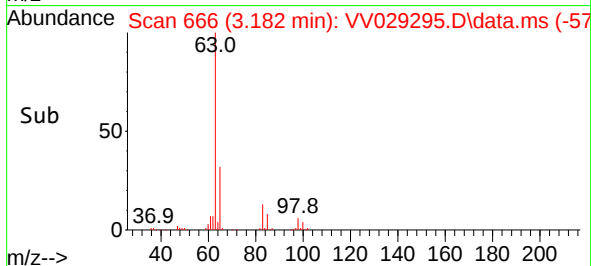
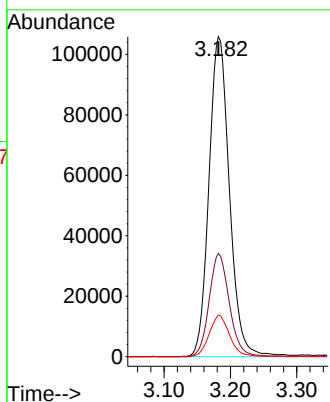
Tgt Ion: 63 Resp: 226744

Ion Ratio Lower Upper

63 100

65 32.3 22.1 41.1

83 12.9 9.0 16.8



#21

2-Butanone

Concen: 54.378 ug/L

RT: 3.995 min Scan# 919

Delta R.T. 0.003 min

Lab File: VV029295.D

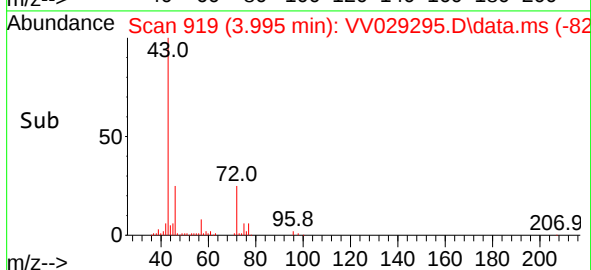
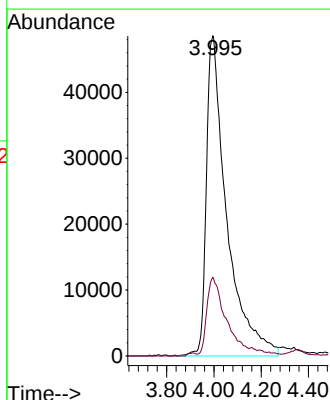
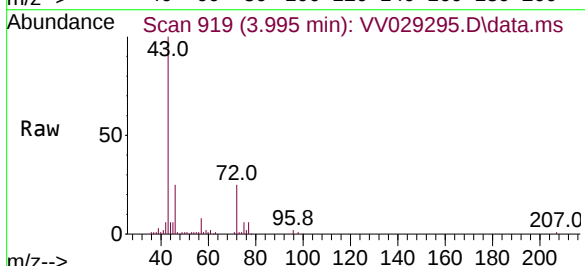
Acq: 23 Nov 2022 04:43

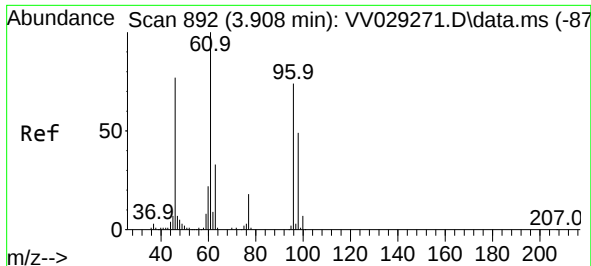
Tgt Ion: 43 Resp: 290593

Ion Ratio Lower Upper

43 100

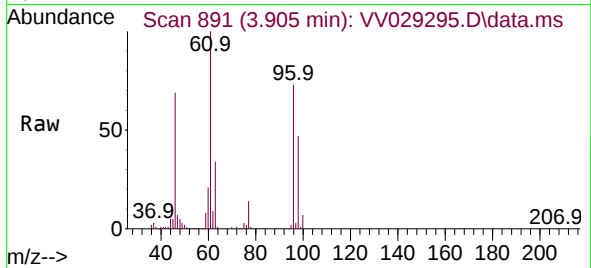
72 22.0 11.3 33.8





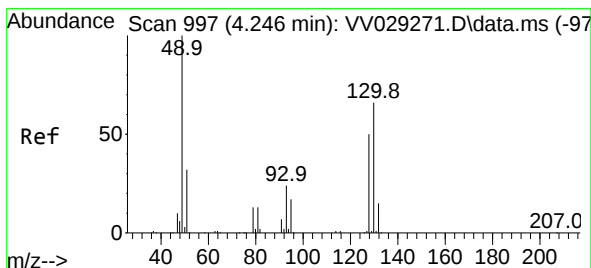
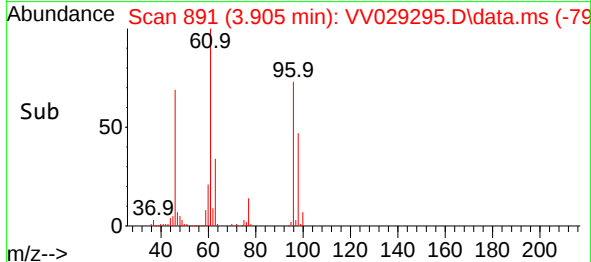
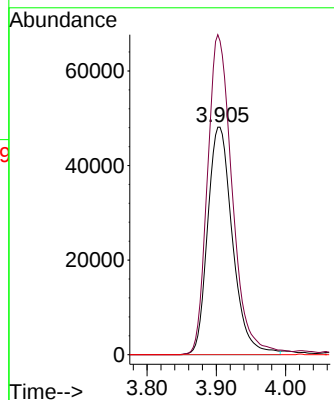
#22
 cis-1,2-Dichloroethene
 Concen: 5.071 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. -0.003 min
 Lab File: VV029295.D
 Acq: 23 Nov 2022 04:43

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 119929

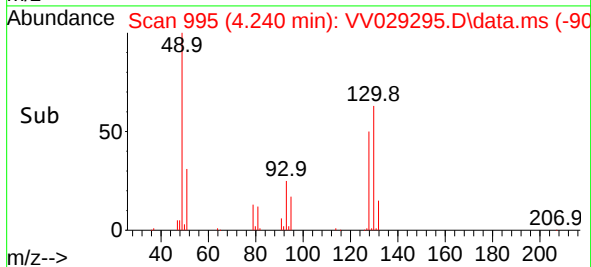
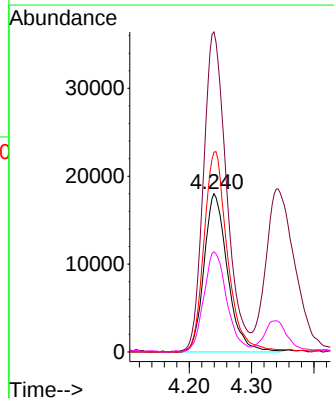
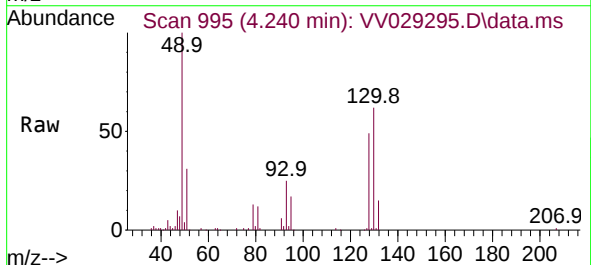
Ion	Ratio	Lower	Upper
96	100		
61	137.8	95.8	178.0
68	0.0	0.0	0.0

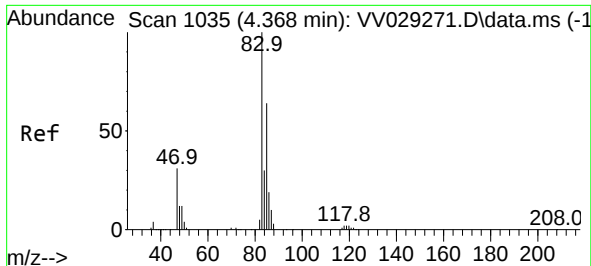


#23
 Bromochloromethane
 Concen: 5.322 ug/L
 RT: 4.240 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VV029295.D
 Acq: 23 Nov 2022 04:43

Tgt Ion: 128 Resp: 47043

Ion	Ratio	Lower	Upper
128	100		
49	202.3	139.9	259.9
130	126.3	89.9	166.9
51	63.3	50.6	76.0

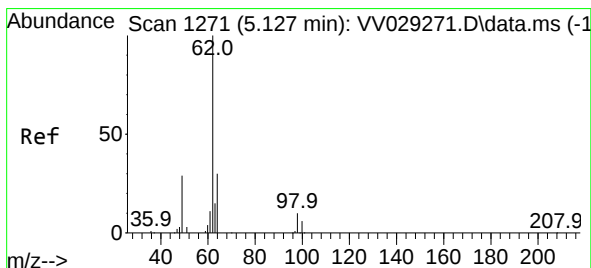
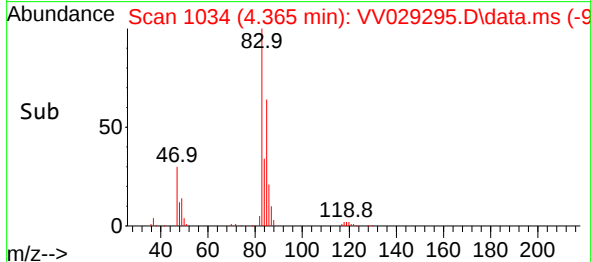
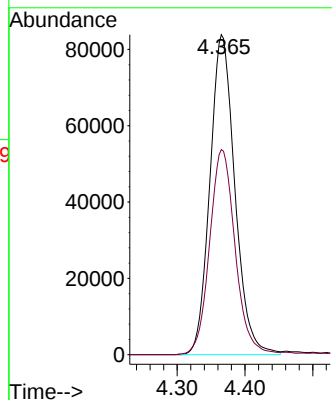
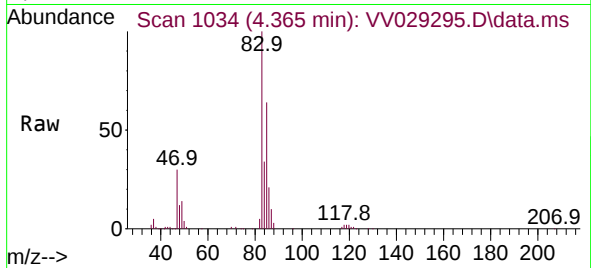




#25
Chloroform
Concen: 5.166 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VV029295.D
Acq: 23 Nov 2022 04:43

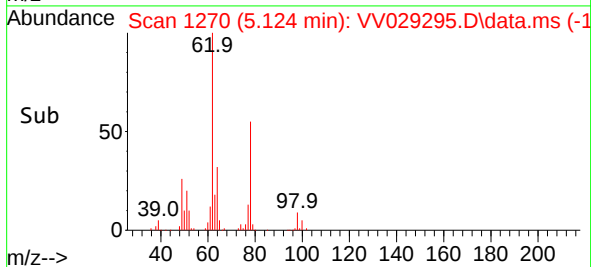
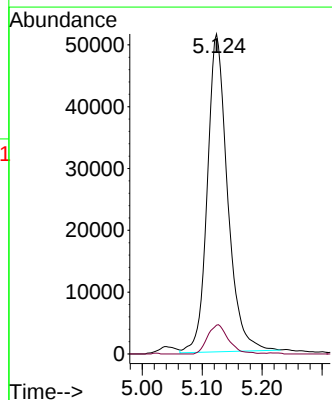
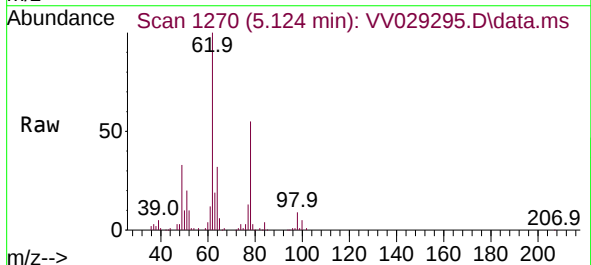
Instrument :
MSVOA_V
ClientSampleId :

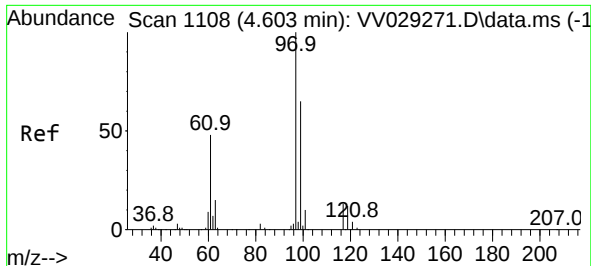
Tgt Ion: 83 Resp: 214684
Ion Ratio Lower Upper
83 100
85 64.1 45.6 84.6



#27
1,2-Dichloroethane
Concen: 5.300 ug/L
RT: 5.124 min Scan# 1270
Delta R.T. -0.003 min
Lab File: VV029295.D
Acq: 23 Nov 2022 04:43

Tgt Ion: 62 Resp: 120665
Ion Ratio Lower Upper
62 100
98 9.0 7.3 10.9





#29

1,1,1-Trichloroethane

Concen: 5.134 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV029295.D

Acq: 23 Nov 2022 04:43

Instrument :

MSVOA_V

ClientSampleId :

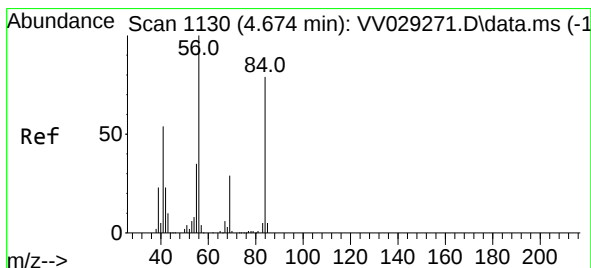
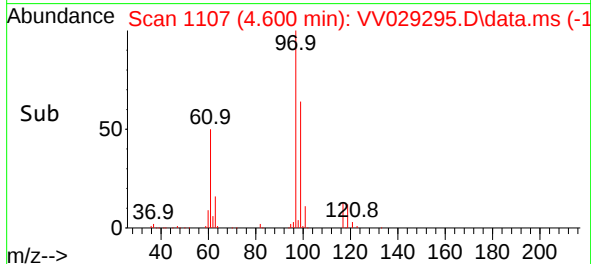
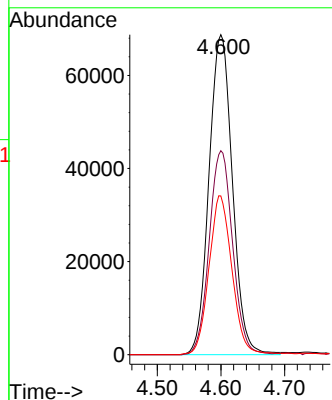
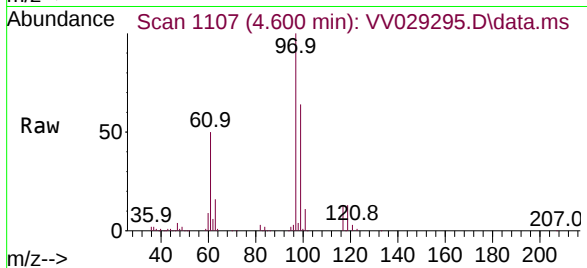
Tgt Ion: 97 Resp: 175932

Ion Ratio Lower Upper

97 100

99 63.8 51.1 76.7

61 48.9 39.0 58.4



#30

Cyclohexane

Concen: 5.128 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VV029295.D

Acq: 23 Nov 2022 04:43

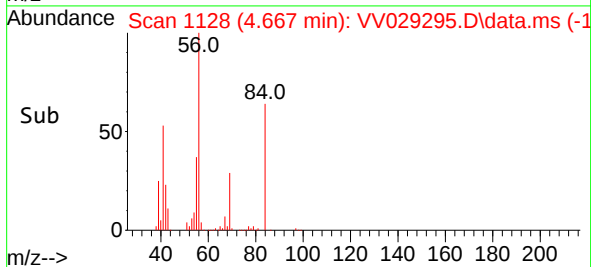
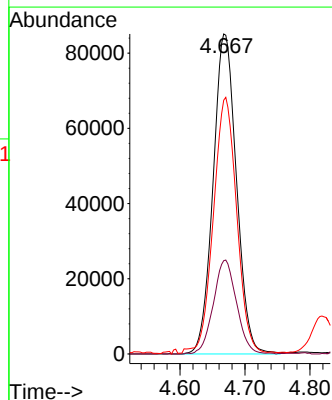
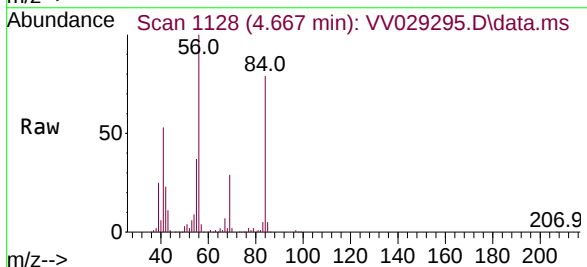
Tgt Ion: 56 Resp: 212488

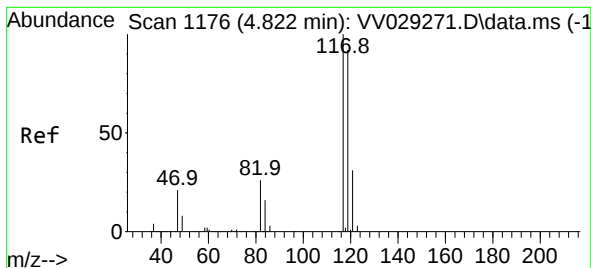
Ion Ratio Lower Upper

56 100

69 29.1 23.4 35.0

84 79.4 64.6 97.0





#31

Carbon tetrachloride

Concen: 4.939 ug/L

RT: 4.818 min Scan# 1175

Delta R.T. -0.003 min

Lab File: VV029295.D

Acq: 23 Nov 2022 04:43

Instrument :

MSVOA_V

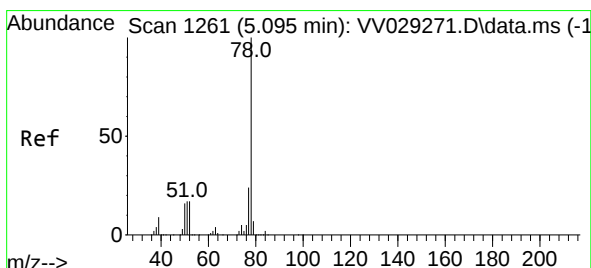
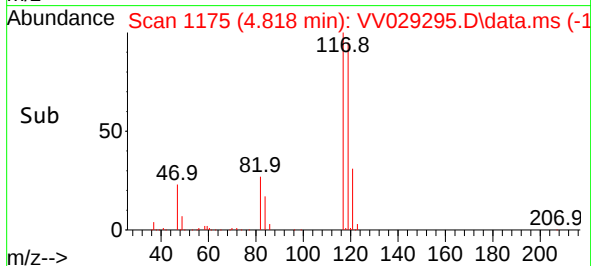
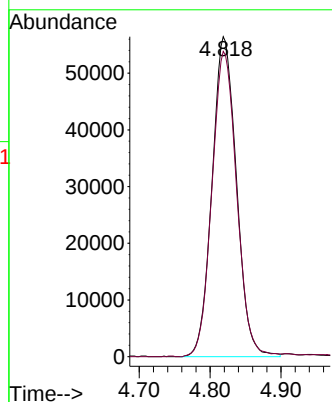
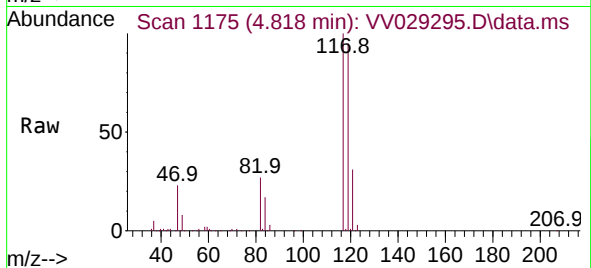
ClientSampleId :

Tgt Ion:117 Resp: 135006

Ion Ratio Lower Upper

117 100

119 96.8 75.1 112.7



#33

Benzene

Concen: 5.155 ug/L

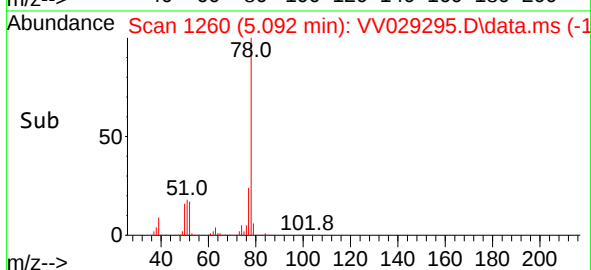
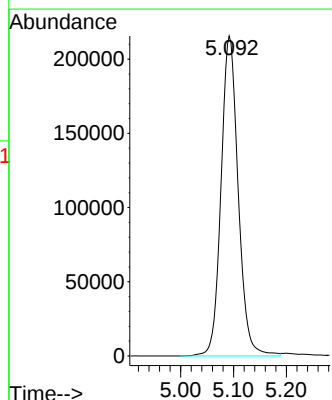
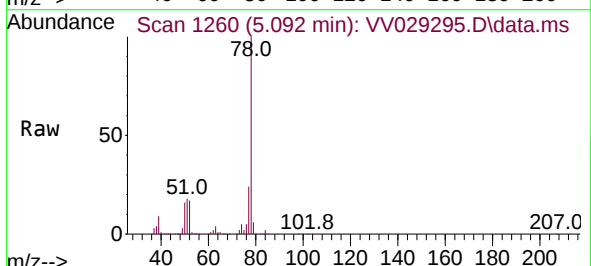
RT: 5.092 min Scan# 1260

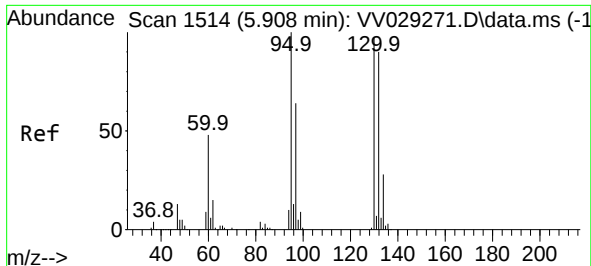
Delta R.T. -0.003 min

Lab File: VV029295.D

Acq: 23 Nov 2022 04:43

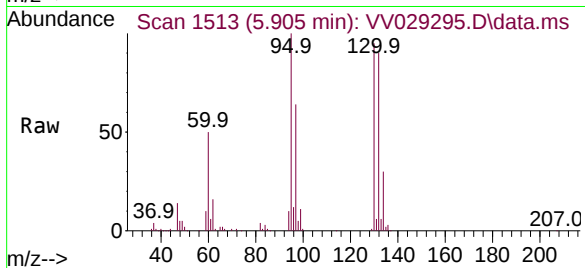
Tgt Ion: 78 Resp: 486022





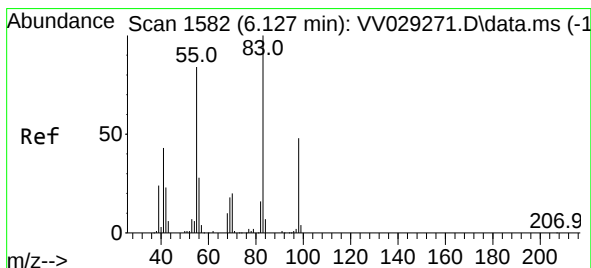
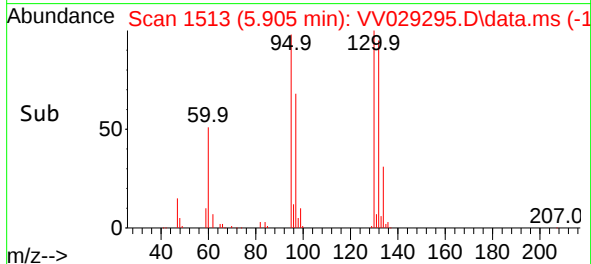
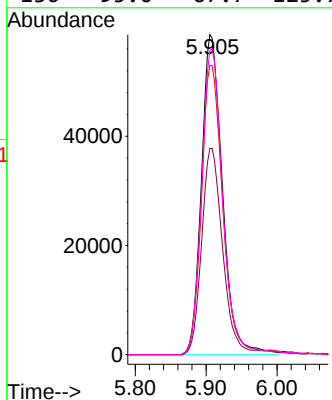
#34
 Trichloroethene
 Concen: 4.872 ug/L
 RT: 5.905 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VV029295.D
 Acq: 23 Nov 2022 04:43

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 95 Resp: 120880

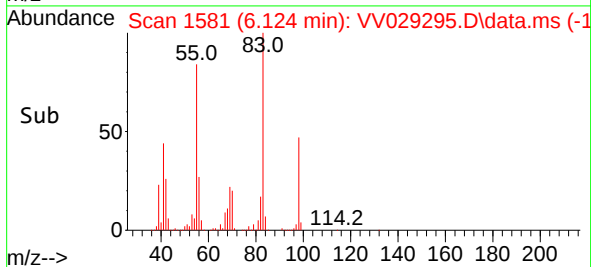
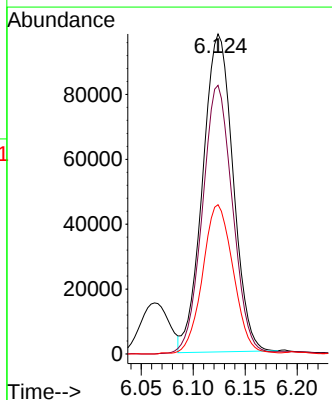
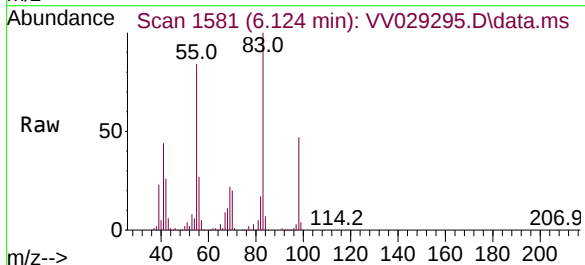
Ion	Ratio	Lower	Upper
95	100		
97	64.4	46.7	86.7
132	90.4	65.7	122.1
130	95.0	67.7	125.7

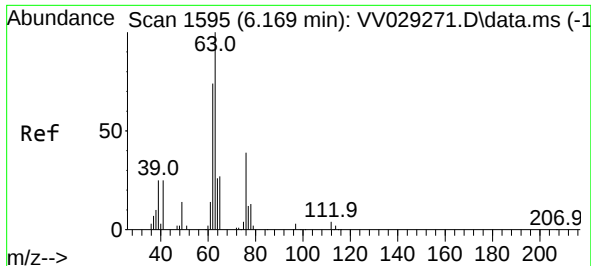


#35
 Methylcyclohexane
 Concen: 4.971 ug/L
 RT: 6.124 min Scan# 1581
 Delta R.T. -0.003 min
 Lab File: VV029295.D
 Acq: 23 Nov 2022 04:43

Tgt Ion: 83 Resp: 199336

Ion	Ratio	Lower	Upper
83	100		
55	84.1	65.7	98.5
98	46.7	37.7	56.5





#37

1,2-Dichloropropane

Concen: 5.302 ug/L

RT: 6.166 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV029295.D

Acq: 23 Nov 2022 04:43

Instrument :

MSVOA_V

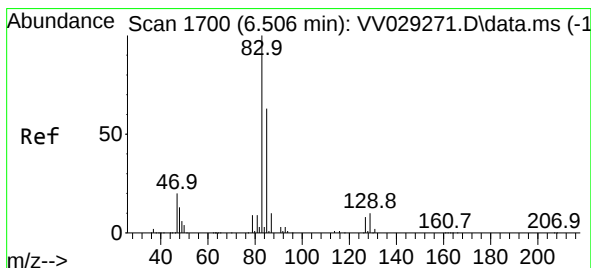
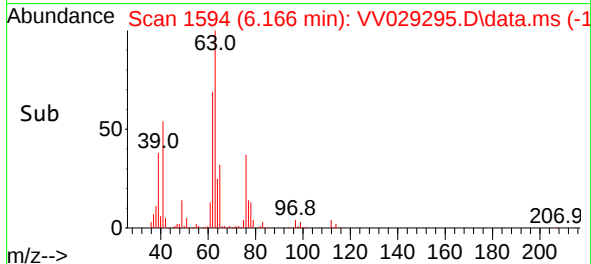
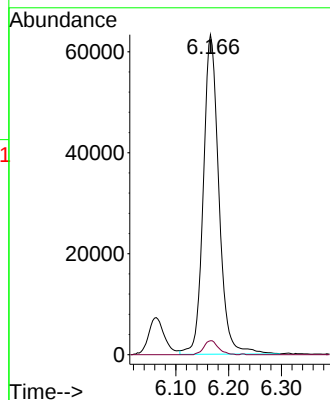
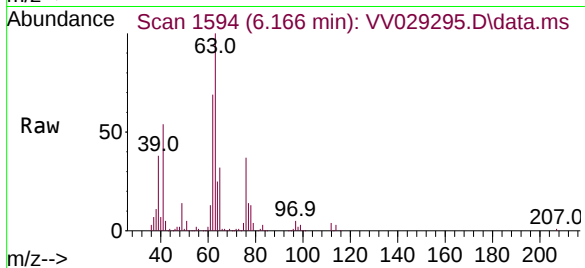
ClientSampleId :

Tgt Ion: 63 Resp: 129595

Ion Ratio Lower Upper

63 100

112 4.1 3.2 4.8



#38

Bromodichloromethane

Concen: 5.083 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VV029295.D

Acq: 23 Nov 2022 04:43

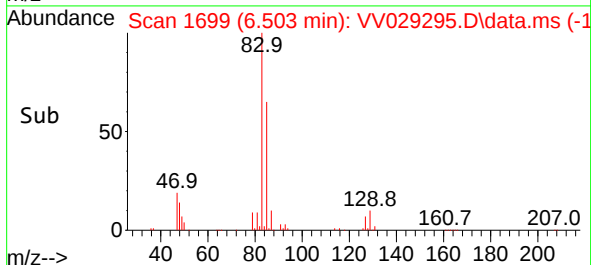
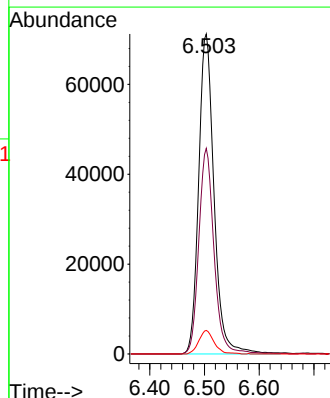
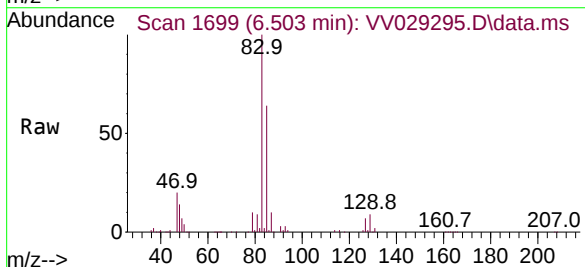
Tgt Ion: 83 Resp: 139023

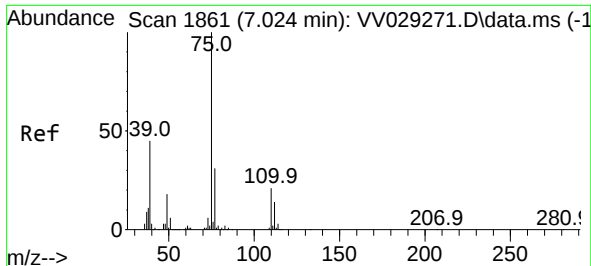
Ion Ratio Lower Upper

83 100

85 64.2 45.1 83.7

127 7.4 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 5.171 ug/L

RT: 7.021 min Scan# 1860

Delta R.T. -0.003 min

Lab File: VV029295.D

Acq: 23 Nov 2022 04:43

Instrument :

MSVOA_V

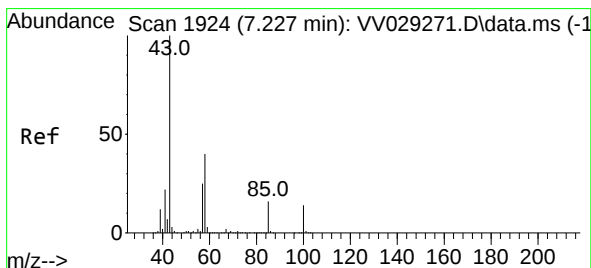
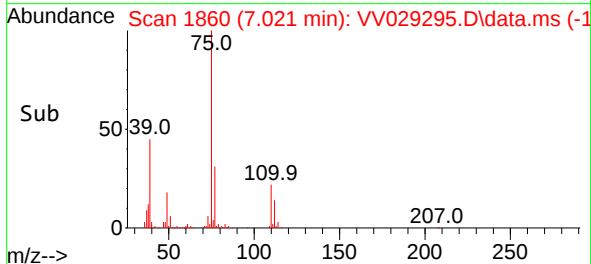
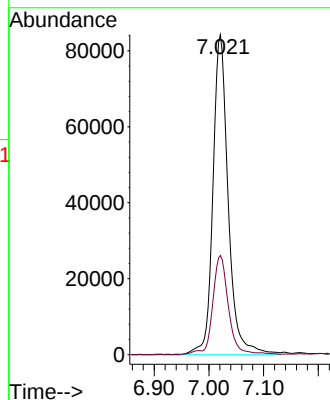
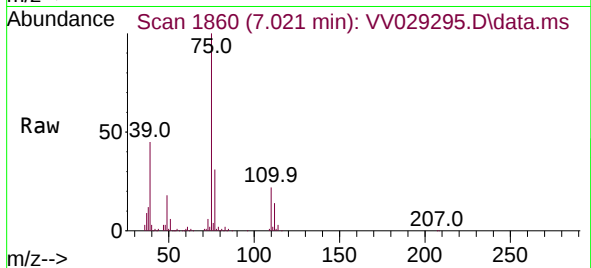
ClientSampleId :

Tgt Ion: 75 Resp: 163649

Ion Ratio Lower Upper

75 100

77 31.0 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 56.093 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV029295.D

Acq: 23 Nov 2022 04:43

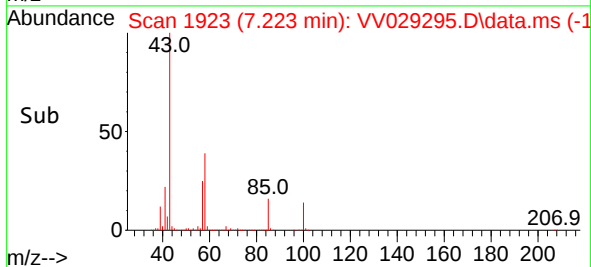
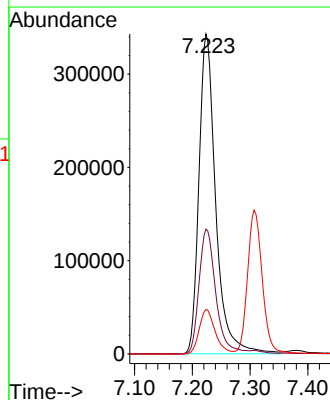
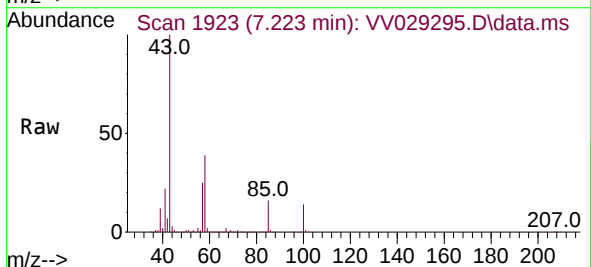
Tgt Ion: 43 Resp: 692282

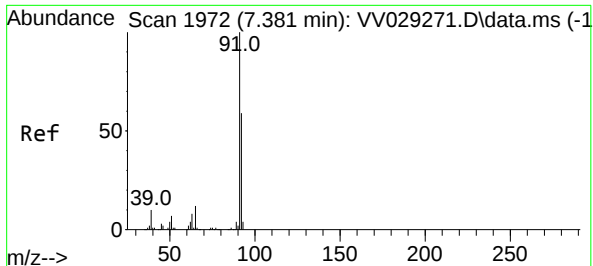
Ion Ratio Lower Upper

43 100

58 39.1 31.8 47.8

100 13.3 11.0 16.6





#42

Toluene

Concen: 5.162 ug/L

RT: 7.381 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VV029295.D

Acq: 23 Nov 2022 04:43

Instrument :

MSVOA_V

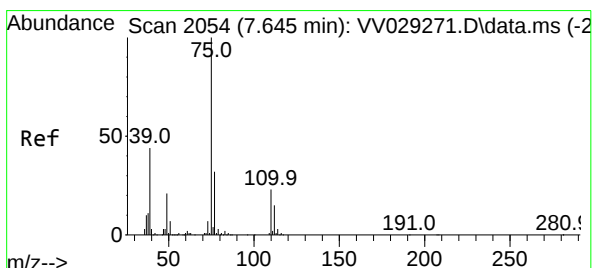
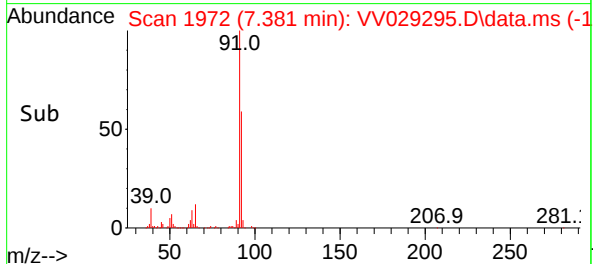
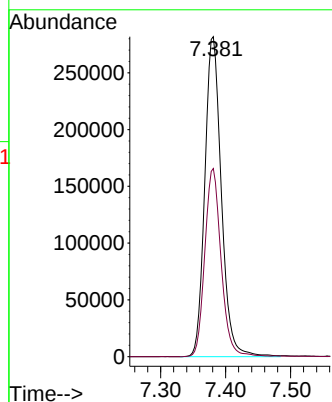
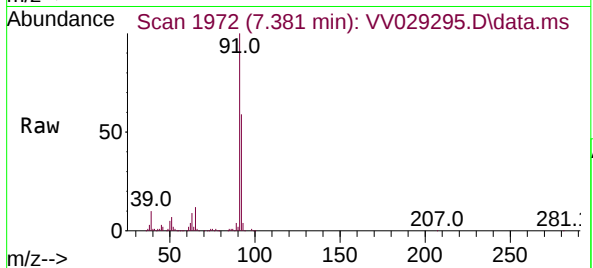
ClientSampleId :

Tgt Ion: 91 Resp: 500336

Ion Ratio Lower Upper

91 100

92 58.8 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.090 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. 0.000 min

Lab File: VV029295.D

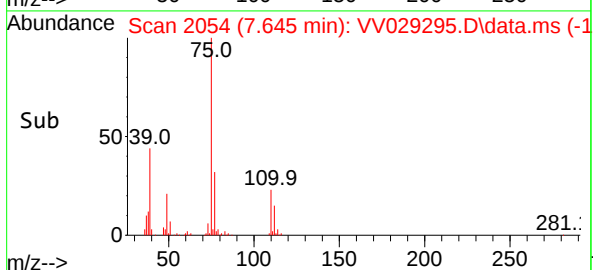
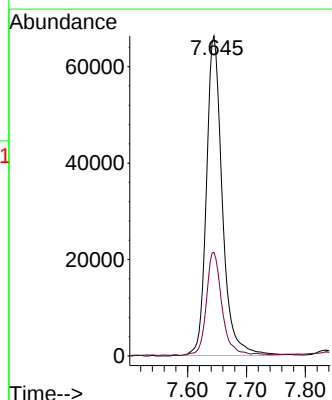
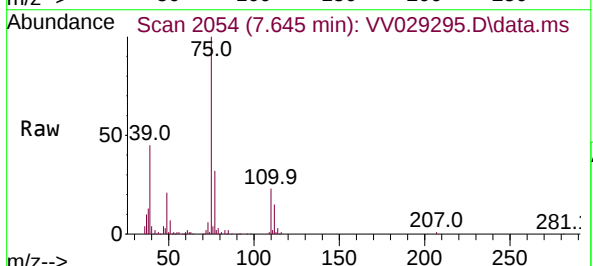
Acq: 23 Nov 2022 04:43

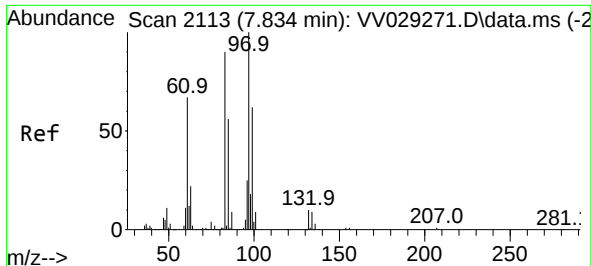
Tgt Ion: 75 Resp: 124079

Ion Ratio Lower Upper

75 100

77 32.4 22.4 41.6

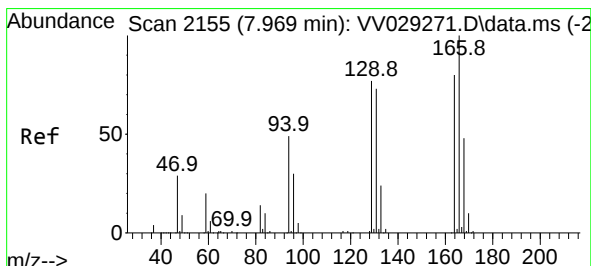
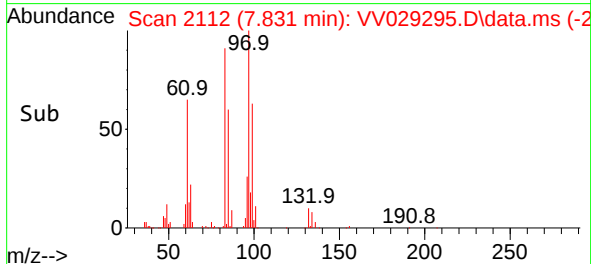
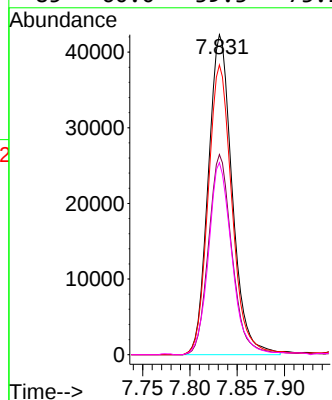
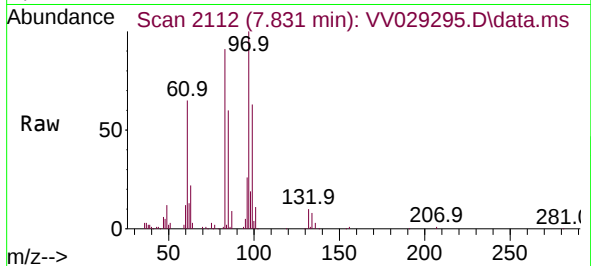




#45
1,1,2-Trichloroethane
Concen: 5.140 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. -0.003 min
Lab File: VV029295.D
Acq: 23 Nov 2022 04:43

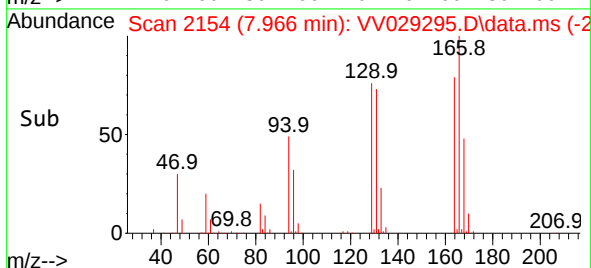
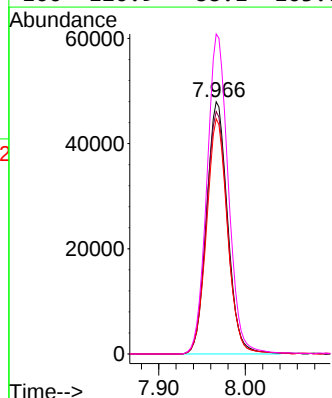
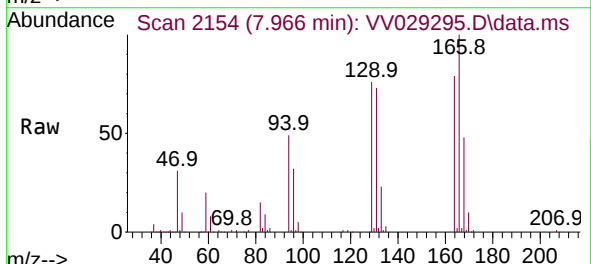
Instrument :
MSVOA_V
ClientSampleId :

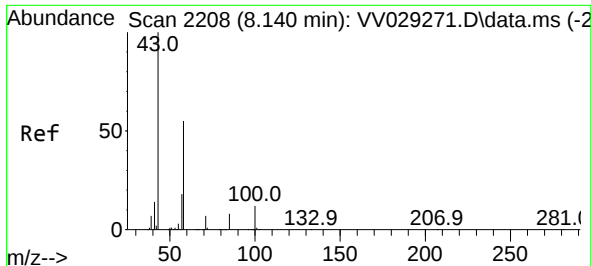
Tgt Ion: 97	Resp: 74558
Ion Ratio	Lower Upper
97 100	
99 62.6	42.8 79.6
83 90.6	61.4 114.0
85 60.0	39.3 73.1



#47
Tetrachloroethene
Concen: 4.974 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.003 min
Lab File: VV029295.D
Acq: 23 Nov 2022 04:43

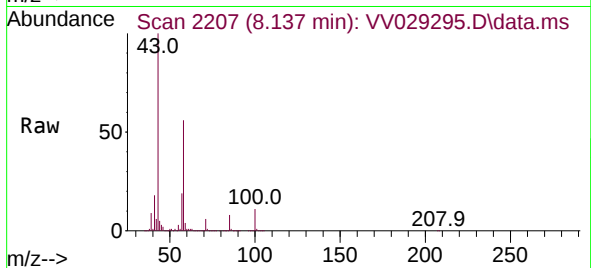
Tgt	Ion:164	Resp:	81041
Ion	Ratio	Lower	Upper
164	100		
129	96.1	68.3	126.8
131	93.2	65.2	121.0
166	126.9	88.1	163.7



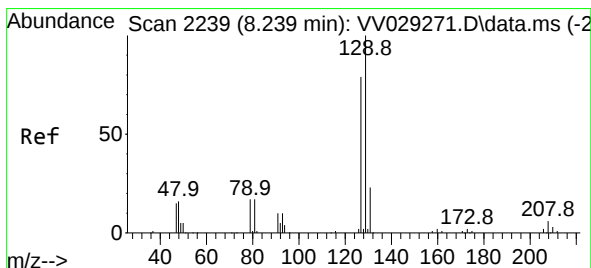
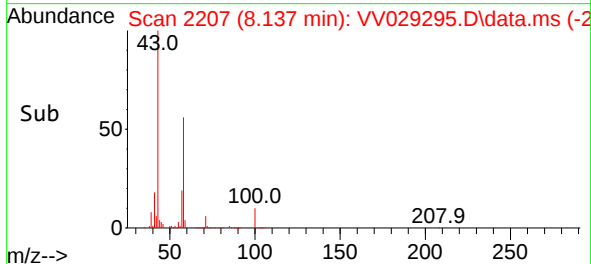
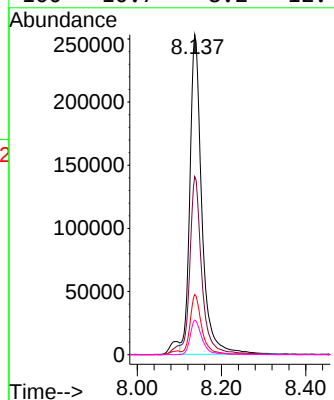


#48
2-Hexanone
Concen: 53.572 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV029295.D
Acq: 23 Nov 2022 04:43

Instrument :
MSVOA_V
ClientSampleId :

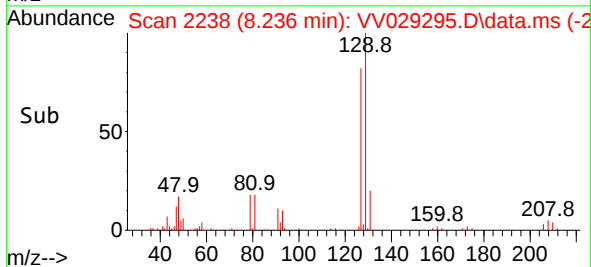
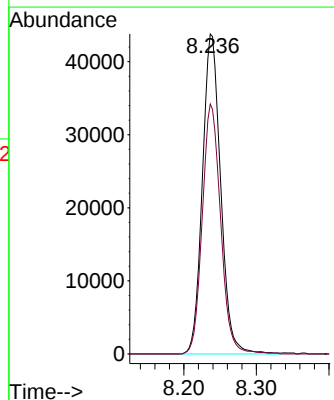
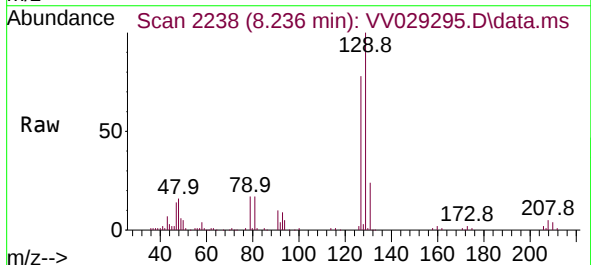


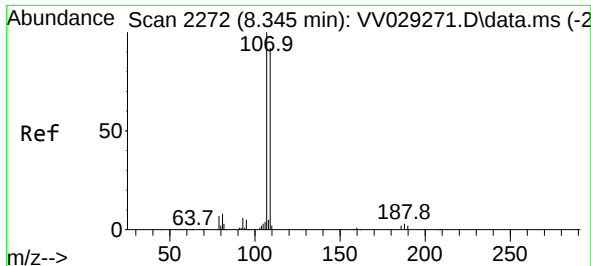
Tgt Ion: 43 Resp: 500189
Ion Ratio Lower Upper
43 100
58 57.7 45.3 67.9
57 18.0 15.4 23.2
100 10.7 8.2 12.4



#49
Dibromochloromethane
Concen: 5.052 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. -0.003 min
Lab File: VV029295.D
Acq: 23 Nov 2022 04:43

Tgt Ion: 129 Resp: 76583
Ion Ratio Lower Upper
129 100
127 78.1 54.7 101.5





#50

1,2-Dibromoethane

Concen: 5.337 ug/L

RT: 8.346 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV029295.D

Acq: 23 Nov 2022 04:43

Instrument :

MSVOA_V

ClientSampleId :

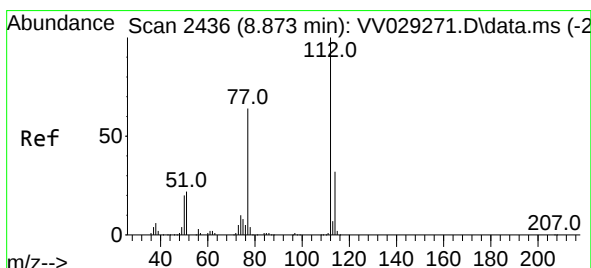
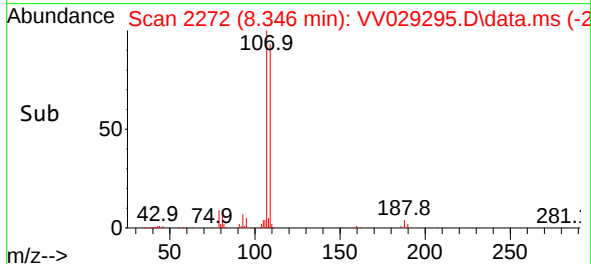
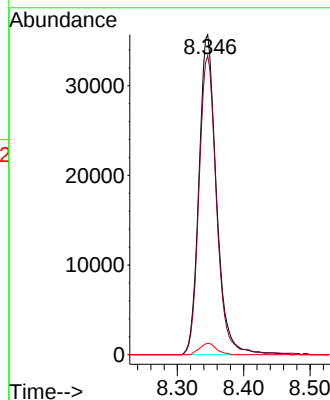
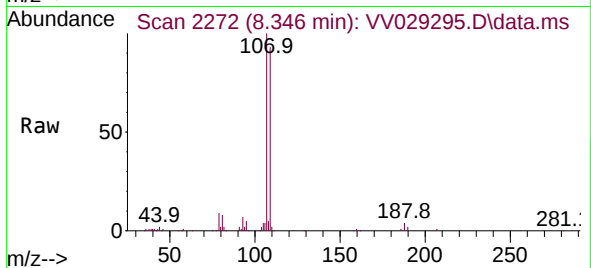
Tgt Ion:107 Resp: 65505

Ion Ratio Lower Upper

107 100

109 93.4 64.3 119.3

188 3.5 3.0 4.6



#51

Chlorobenzene

Concen: 5.081 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. 0.000 min

Lab File: VV029295.D

Acq: 23 Nov 2022 04:43

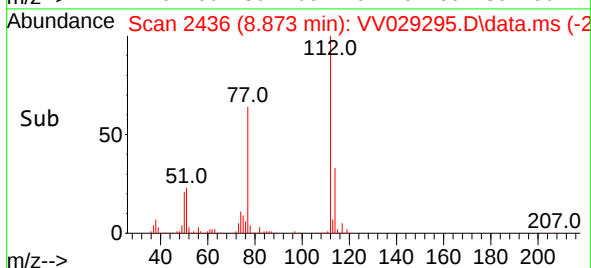
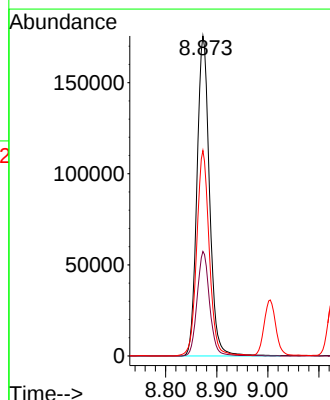
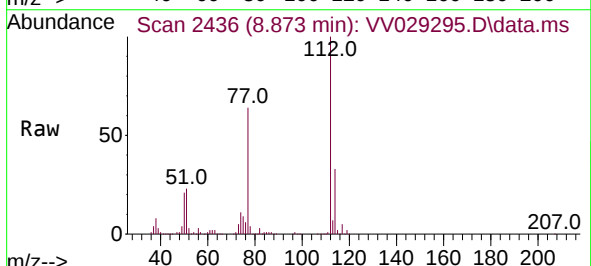
Tgt Ion:112 Resp: 299222

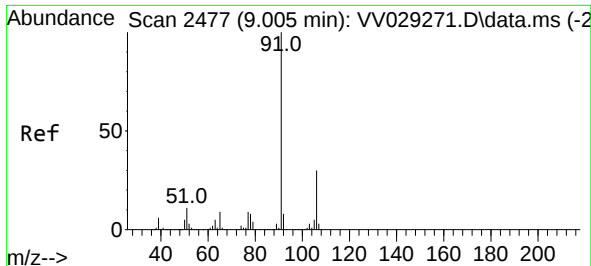
Ion Ratio Lower Upper

112 100

114 32.7 22.3 41.3

77 64.2 49.8 74.6

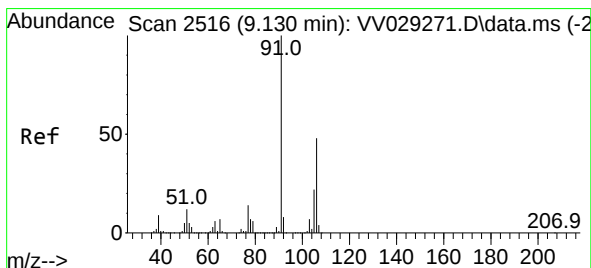
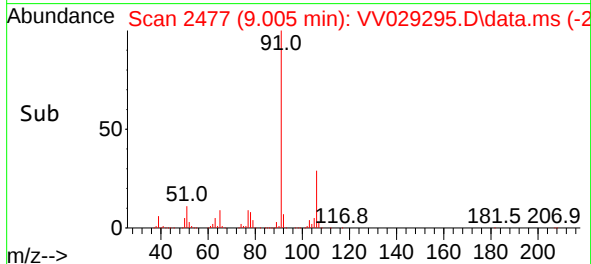
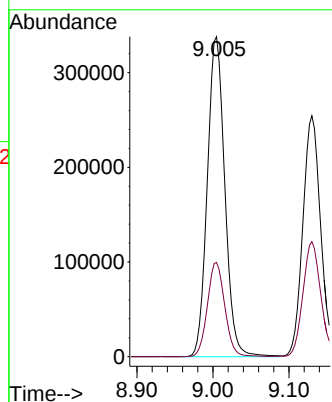
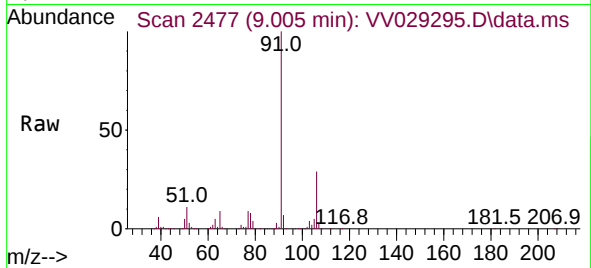




#52
Ethylbenzene
Concen: 5.181 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. 0.000 min
Lab File: VV029295.D
Acq: 23 Nov 2022 04:43

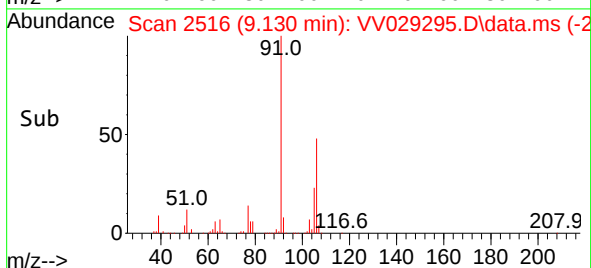
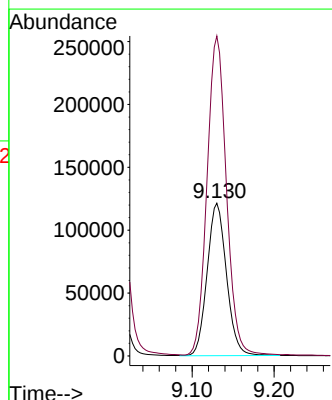
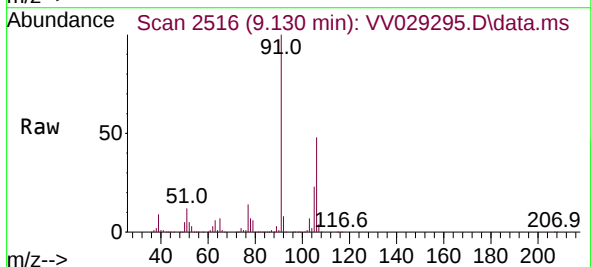
Instrument :
MSVOA_V
ClientSampleId :

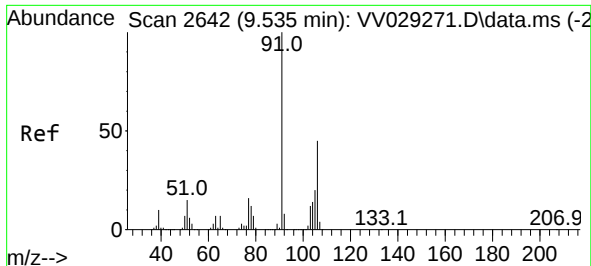
Tgt Ion: 91 Resp: 540471
Ion Ratio Lower Upper
91 100
106 29.5 20.6 38.4



#53
m,p-Xylene
Concen: 5.128 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. 0.000 min
Lab File: VV029295.D
Acq: 23 Nov 2022 04:43

Tgt Ion:106 Resp: 198569
Ion Ratio Lower Upper
106 100
91 209.5 147.3 273.6

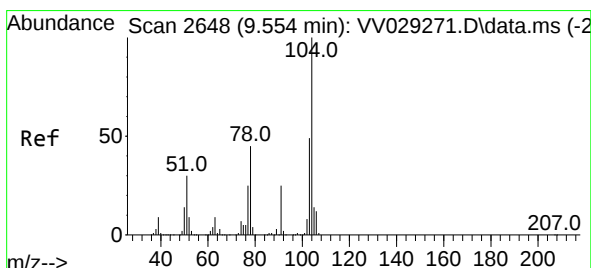
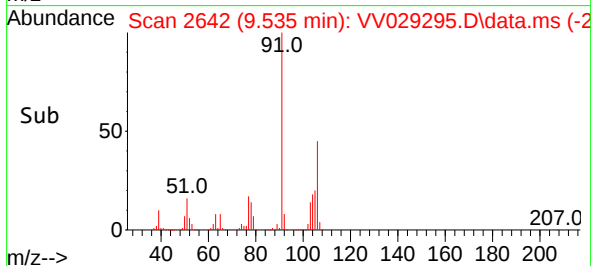
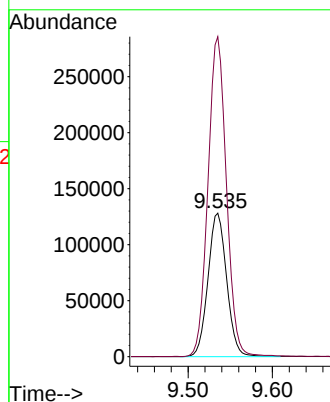
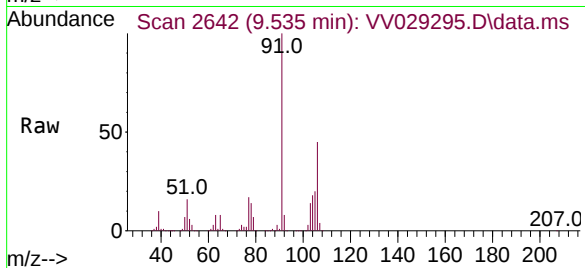




#54
o-Xylene
Concen: 5.225 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV029295.D
Acq: 23 Nov 2022 04:43

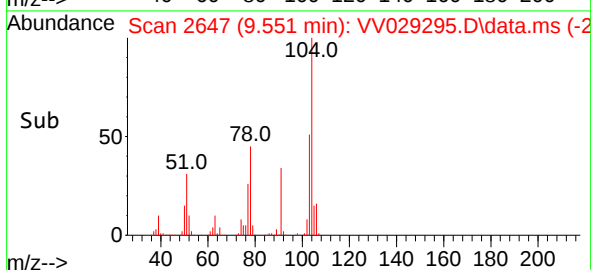
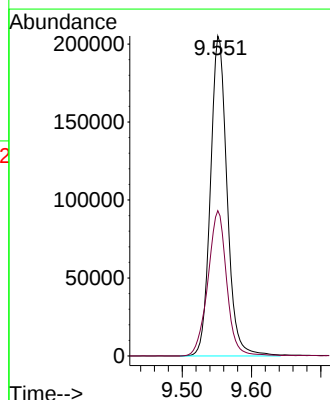
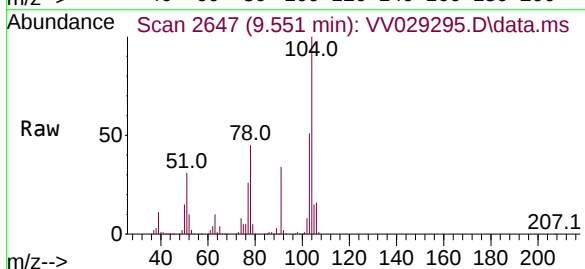
Instrument :
MSVOA_V
ClientSampleId :

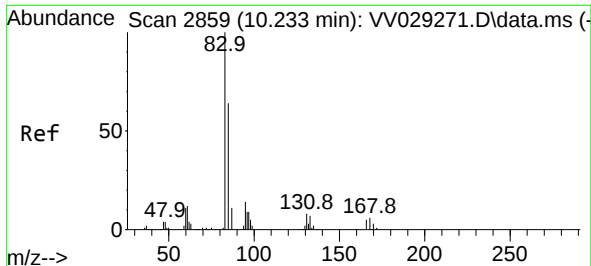
Tgt Ion:106 Resp: 197981
Ion Ratio Lower Upper
106 100
91 222.9 154.6 287.2



#55
Styrene
Concen: 5.266 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.003 min
Lab File: VV029295.D
Acq: 23 Nov 2022 04:43

Tgt Ion:104 Resp: 341193
Ion Ratio Lower Upper
104 100
78 45.4 31.9 59.2





#57

1,1,2,2-Tetrachloroethane

Concen: 6.159 ug/L

RT: 10.233 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV029295.D

Acq: 23 Nov 2022 04:43

Instrument :

MSVOA_V

ClientSampleId :

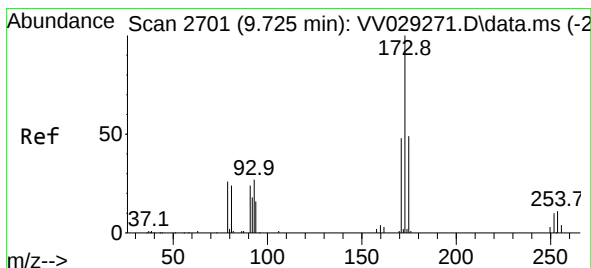
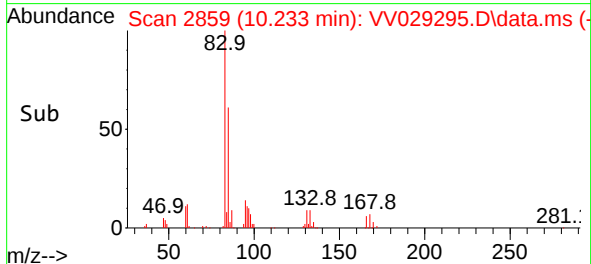
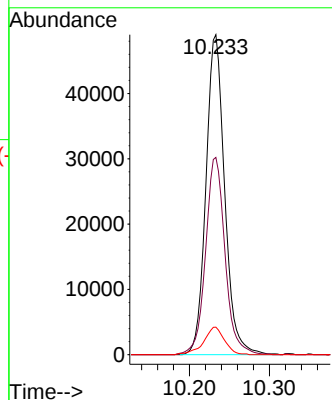
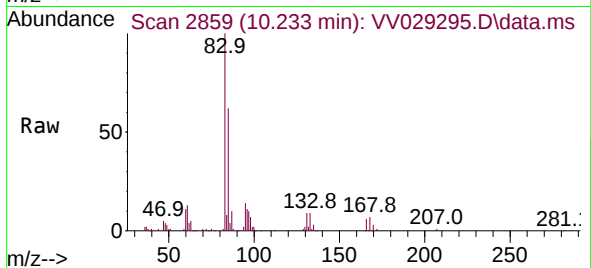
Tgt Ion: 83 Resp: 79836

Ion Ratio Lower Upper

83 100

85 61.6 43.9 81.5

131 8.6 6.9 10.3



#59

Bromoform

Concen: 4.845 ug/L

RT: 9.722 min Scan# 2700

Delta R.T. -0.003 min

Lab File: VV029295.D

Acq: 23 Nov 2022 04:43

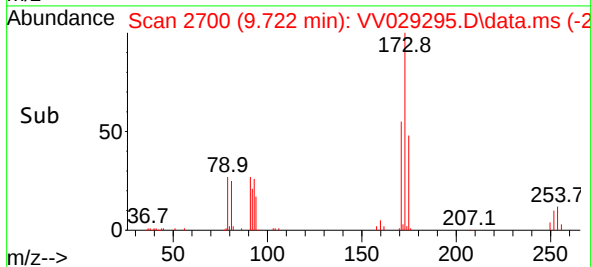
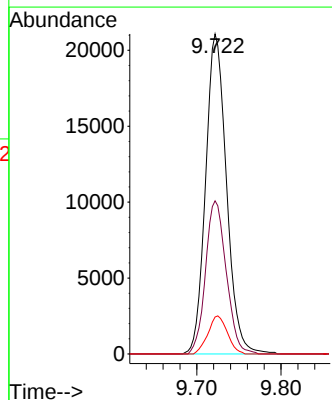
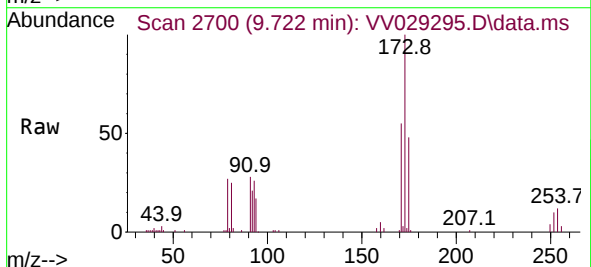
Tgt Ion: 173 Resp: 36409

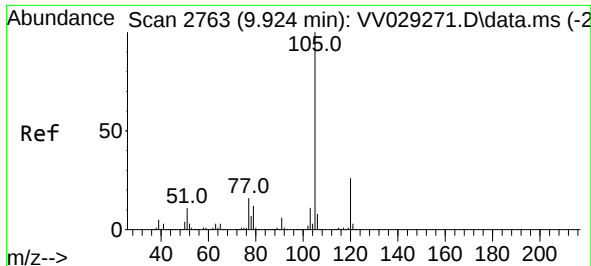
Ion Ratio Lower Upper

173 100

175 47.4 39.4 59.2

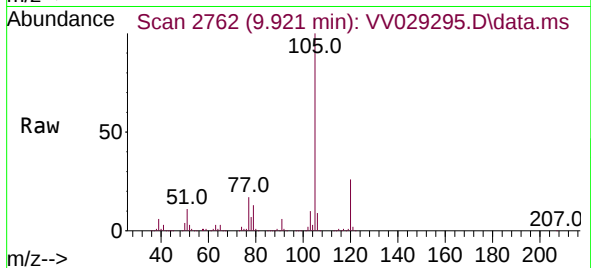
254 11.0 8.2 12.2



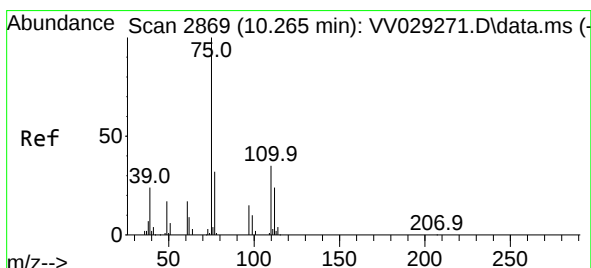
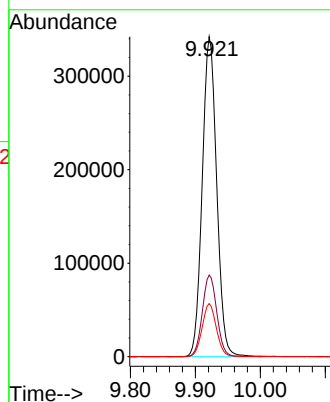
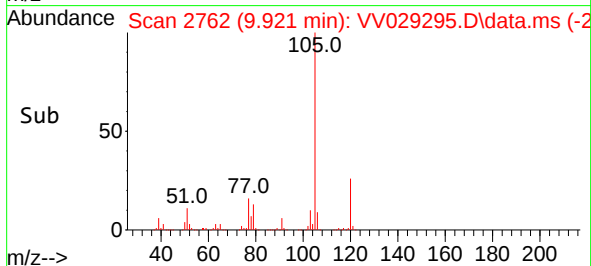


#60
Isopropylbenzene
Concen: 5.134 ug/L
RT: 9.921 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV029295.D
Acq: 23 Nov 2022 04:43

Instrument :
MSVOA_V
ClientSampleId :

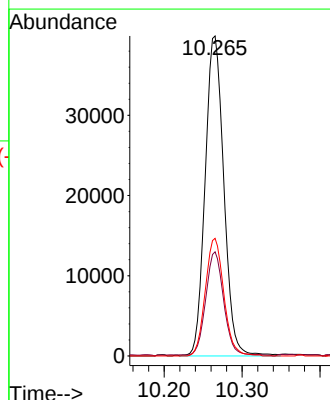
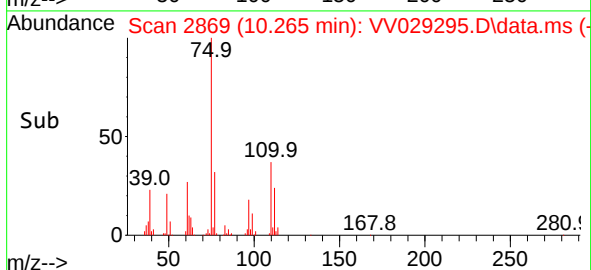
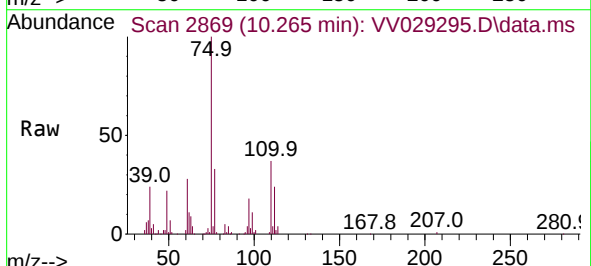


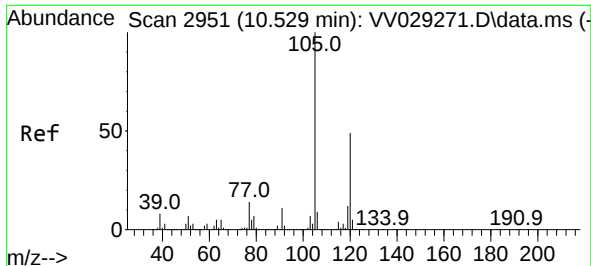
Tgt Ion:105 Resp: 530345
Ion Ratio Lower Upper
105 100
120 25.6 20.3 30.5
77 16.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.427 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV029295.D
Acq: 23 Nov 2022 04:43

Tgt Ion: 75 Resp: 66514
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
110 36.4 29.6 44.4

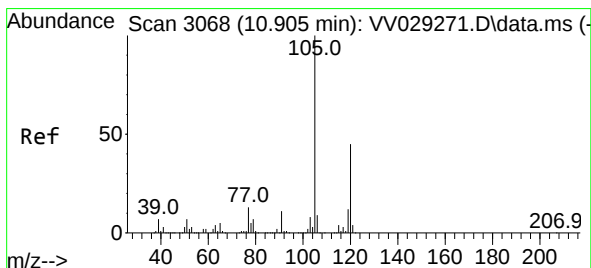
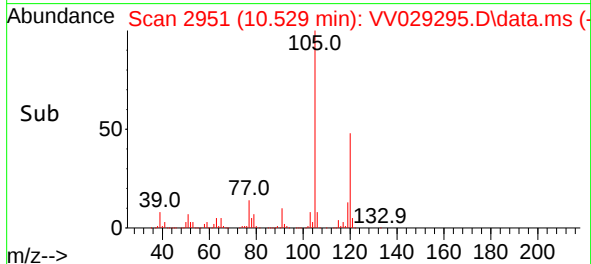
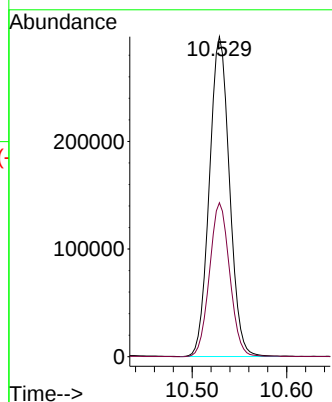
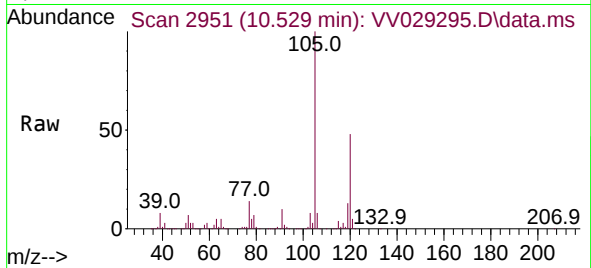




#62
 1,3,5-Trimethylbenzene
 Concen: 5.013 ug/L
 RT: 10.529 min Scan# 2951
 Delta R.T. 0.000 min
 Lab File: VV029295.D
 Acq: 23 Nov 2022 04:43

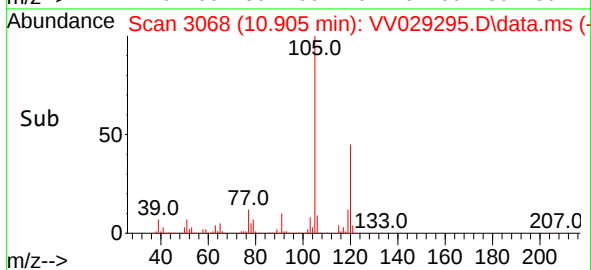
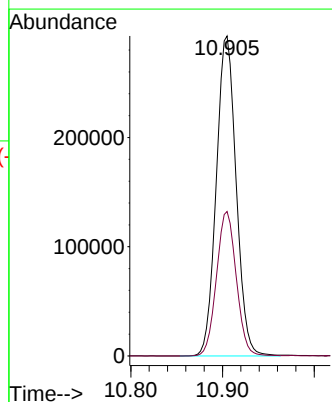
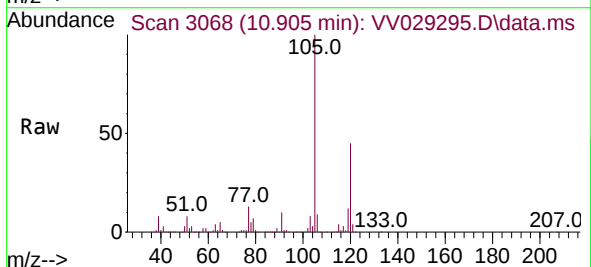
Instrument :
 MSVOA_V
 ClientSampleId :

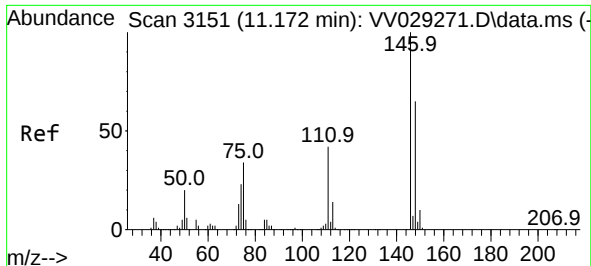
Tgt Ion:105 Resp: 439819
 Ion Ratio Lower Upper
 105 100
 120 48.3 39.0 58.4



#63
 1,2,4-Trimethylbenzene
 Concen: 5.055 ug/L
 RT: 10.905 min Scan# 3068
 Delta R.T. 0.000 min
 Lab File: VV029295.D
 Acq: 23 Nov 2022 04:43

Tgt Ion:105 Resp: 441093
 Ion Ratio Lower Upper
 105 100
 120 45.0 35.6 53.4

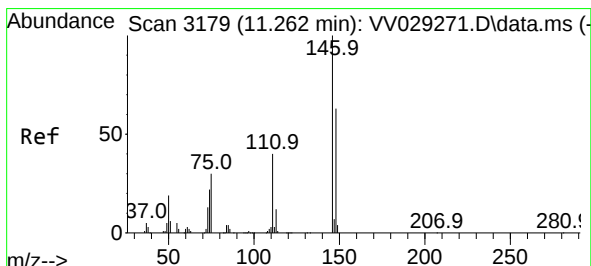
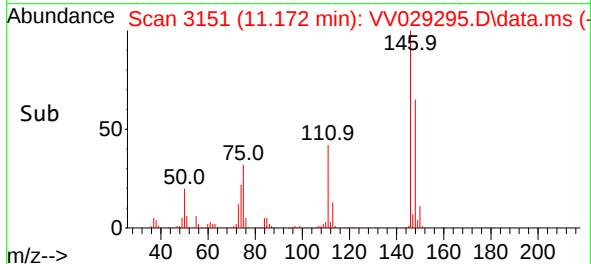
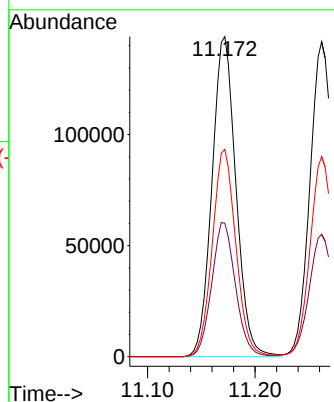
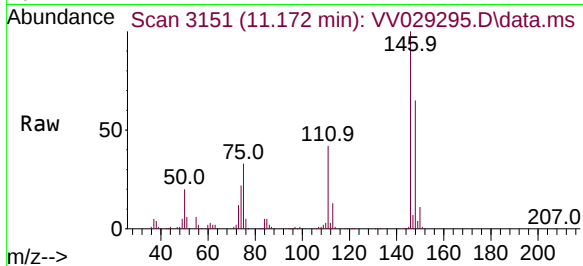




#64
1,3-Dichlorobenzene
Concen: 4.939 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV029295.D
Acq: 23 Nov 2022 04:43

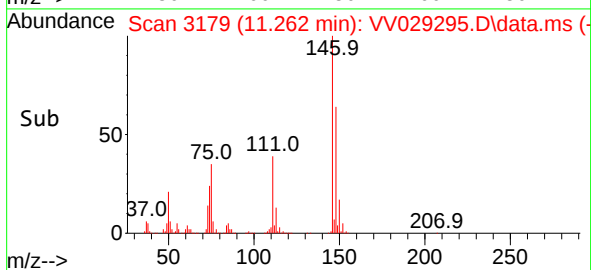
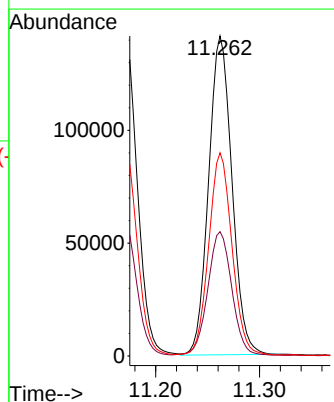
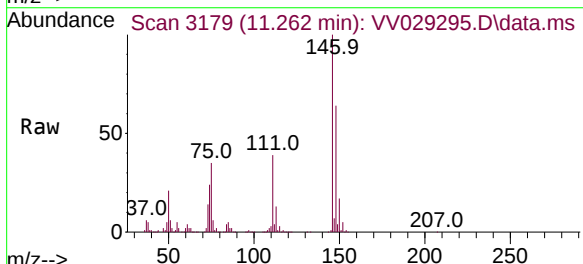
Instrument :
MSVOA_V
ClientSampleId :

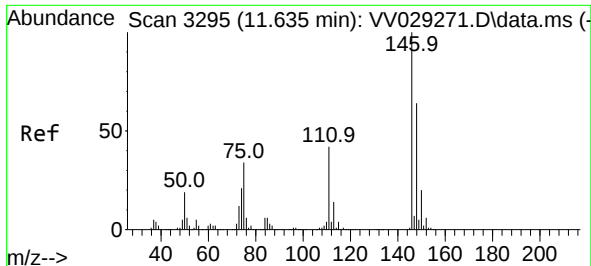
Tgt Ion:146 Resp: 223282
Ion Ratio Lower Upper
146 100
111 41.7 28.6 53.0
148 64.8 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 4.963 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VV029295.D
Acq: 23 Nov 2022 04:43

Tgt Ion:146 Resp: 219809
Ion Ratio Lower Upper
146 100
111 38.9 28.5 52.9
148 63.5 44.9 83.5

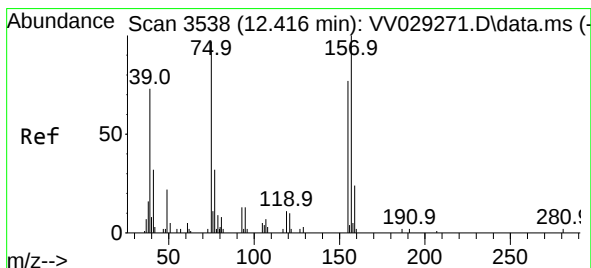
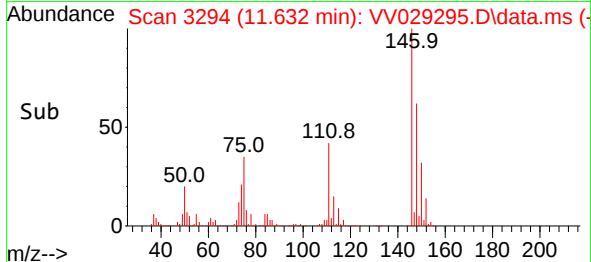
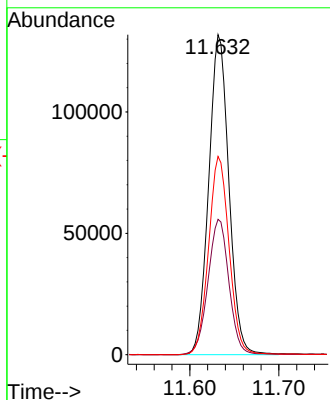
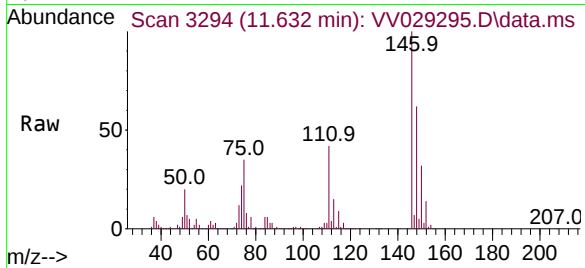




#67
1,2-Dichlorobenzene
Concen: 5.057 ug/L
RT: 11.632 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV029295.D
Acq: 23 Nov 2022 04:43

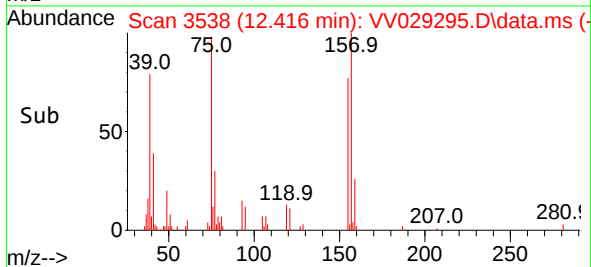
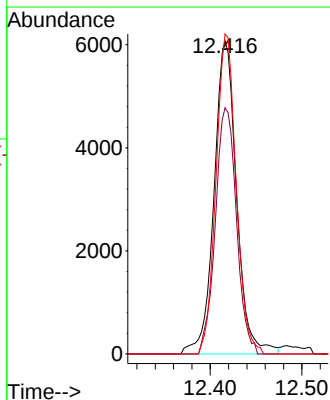
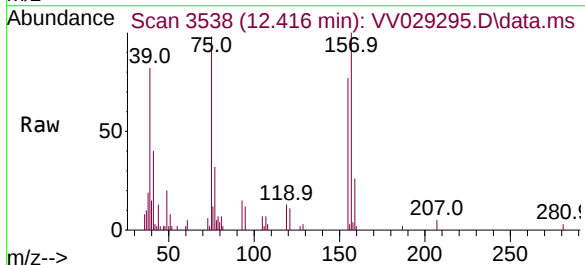
Instrument :
MSVOA_V
ClientSampleId :

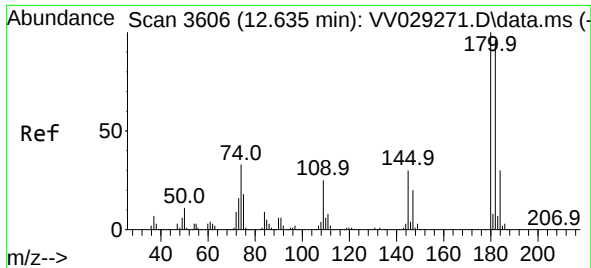
Tgt Ion:146 Resp: 207107
Ion Ratio Lower Upper
146 100
111 42.3 35.6 53.4
148 62.0 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 5.628 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. 0.000 min
Lab File: VV029295.D
Acq: 23 Nov 2022 04:43

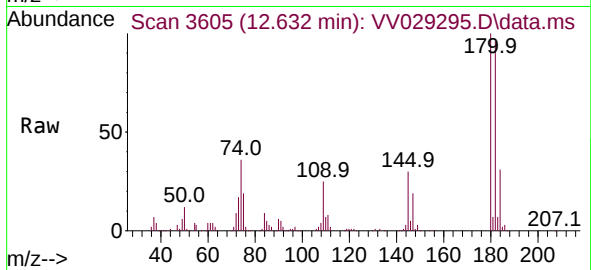
Tgt Ion: 75 Resp: 10359
Ion Ratio Lower Upper
75 100
155 78.7 58.4 87.6
157 102.2 75.5 113.3



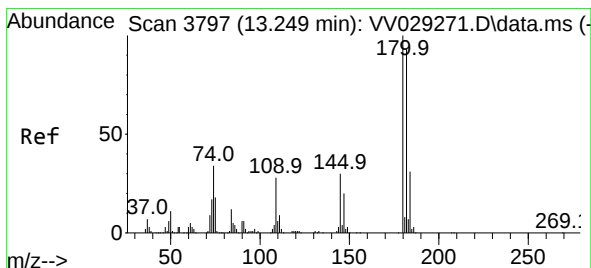
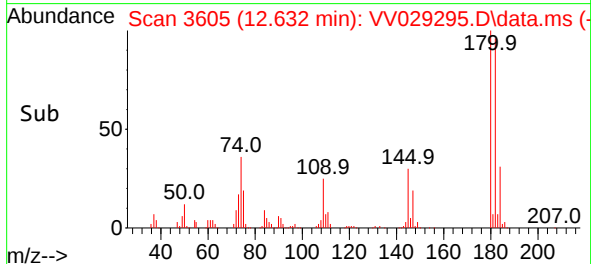
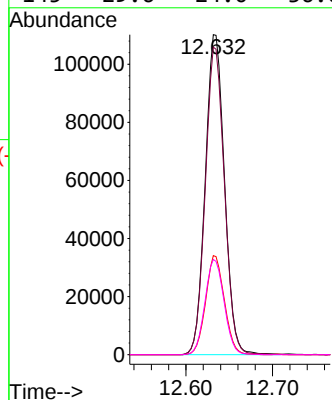


#69
 1,3,5-Trichlorobenzene
 Concen: 4.826 ug/L
 RT: 12.632 min Scan# 3606
 Delta R.T. -0.003 min
 Lab File: VV029295.D
 Acq: 23 Nov 2022 04:43

Instrument :
 MSVOA_V
 ClientSampleId :

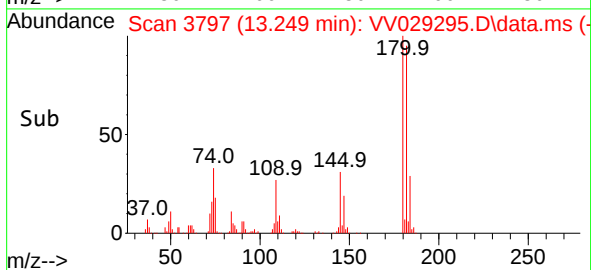
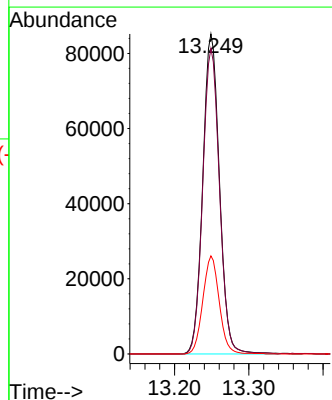
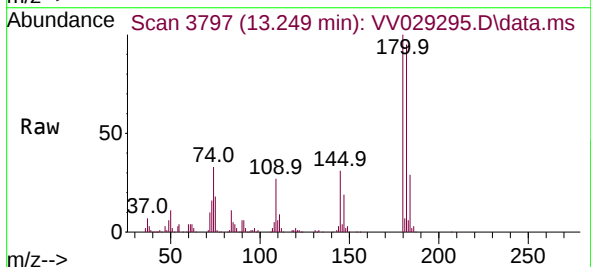


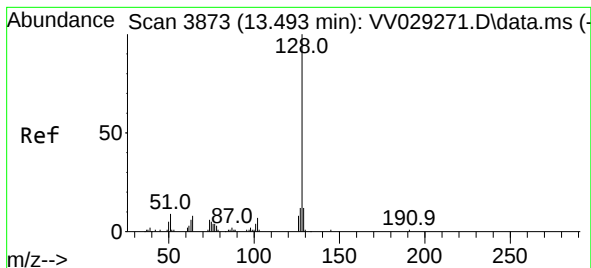
Tgt Ion:180 Resp: 169901
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.9 115.3
 184 30.2 23.9 35.9
 145 29.6 24.0 36.0



#70
 1,2,4-trichlorobenzene
 Concen: 4.865 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. 0.000 min
 Lab File: VV029295.D
 Acq: 23 Nov 2022 04:43

Tgt Ion:180 Resp: 132929
 Ion Ratio Lower Upper
 180 100
 182 95.9 75.4 113.2
 145 30.1 25.0 37.6





#71

Naphthalene

Concen: 4.379 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. 0.000 min

Lab File: VV029295.D

Acq: 23 Nov 2022 04:43

Instrument :

MSVOA_V

ClientSampleId :

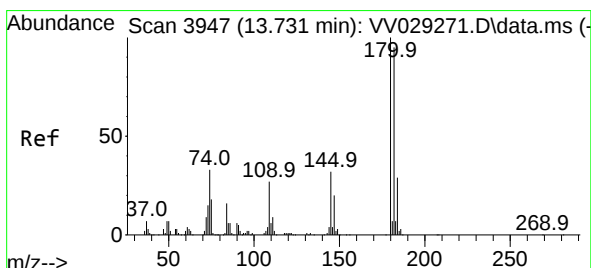
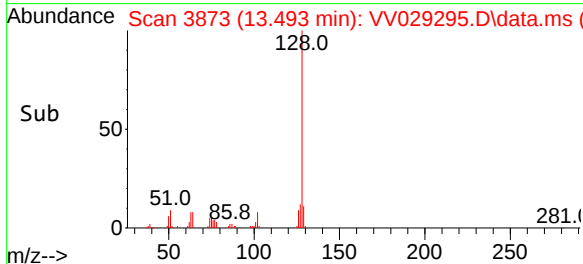
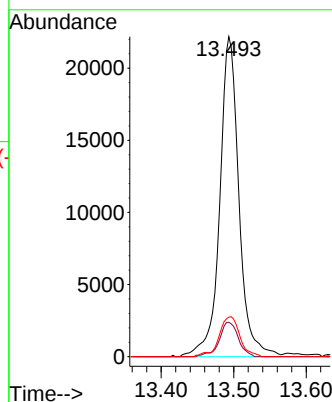
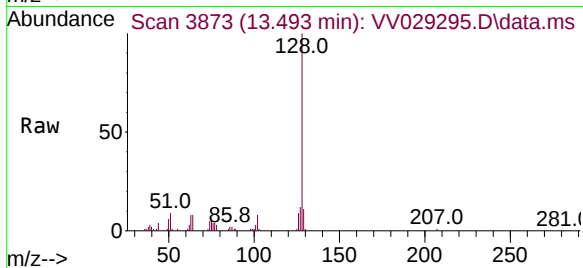
Tgt Ion:128 Resp: 40788

Ion Ratio Lower Upper

128 100

129 10.8 8.4 12.6

127 13.5 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 4.945 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. 0.000 min

Lab File: VV029295.D

Acq: 23 Nov 2022 04:43

Tgt Ion:180 Resp: 108777

Ion Ratio Lower Upper

180 100

182 96.3 76.2 114.2

145 32.4 26.3 39.5

