

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100623\
 Data File : VV032291.D
 Acq On : 06 Oct 2023 10:27
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 07 04:57:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 06 05:25:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	93723	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	97734	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	51115	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	29255	3.838	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.532	69	28056	4.534	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.056	65	12508	3.891	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	3.802	46	90697	47.037	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.080%
24) Chloroform-d	4.249	84	62079	4.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	4.944	65	29279	4.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	4.963	84	115821	4.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	5.989	67	37962	3.984	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.600%
41) Toluene-d8	7.246	98	109065	4.147	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	7.555	79	13643	4.041	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.800%
46) 2-Hexanone-d5	8.030	63	69142	43.524	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.040%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	29573	4.437	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	40732	4.294	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	55251	5.290	ug/L	99
3) Chloromethane	1.217	50	53574	5.088	ug/L	100
5) Vinyl chloride	1.282	62	51020	5.081	ug/L	99
6) Bromomethane	1.487	94	31372	5.172	ug/L	98
8) Chloroethane	1.548	64	32230	5.331	ug/L	97
9) Trichlorofluoromethane	1.712	101	64648	5.368	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	39502	5.413	ug/L	99
12) 1,1-Dichloroethene	2.069	96	35007	5.093	ug/L	88
13) Acetone	2.130	43	74658	50.235	ug/L	99
14) Carbon disulfide	2.240	76	113372	4.718	ug/L	100
15) Methyl Acetate	2.384	43	16498	4.931	ug/L	100
16) Methylene chloride	2.445	84	42113	4.699	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	84648	4.524	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	38346	4.870	ug/L	98
19) 1,1-Dichloroethane	3.111	63	72618	4.903	ug/L	99
21) 2-Butanone	3.883	43	105864	45.551	ug/L	99
22) cis-1,2-Dichloroethene	3.815	96	40598	4.789	ug/L	97
23) Bromochloromethane	4.150	128	17561	4.924	ug/L	96
25) Chloroform	4.278	83	72161	4.966	ug/L	99

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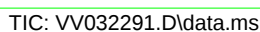
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 Quant Title : TRACE VOA SFAM1.0
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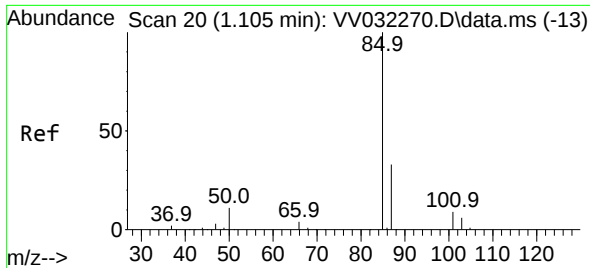
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	40614	4.731	ug/L	97
29) 1,1,1-Trichloroethane	4.510	97	59334	4.465	ug/L	98
30) Cyclohexane	4.584	56	62512	4.281	ug/L	99
31) Carbon tetrachloride	4.735	117	51035	4.539	ug/L	98
33) Benzene	5.011	78	154241	4.482	ug/L	100
34) Trichloroethene	5.834	95	44597	4.748	ug/L	97
35) Methylcyclohexane	6.050	83	67728	4.659	ug/L	98
37) 1,2-Dichloropropane	6.095	63	42494	4.618	ug/L	99
38) Bromodichloromethane	6.436	83	51111	4.674	ug/L	100
39) cis-1,3-Dichloropropene	6.957	75	57507	4.391	ug/L	97
40) 4-Methyl-2-pentanone	7.162	43	255100	43.805	ug/L	100
42) Toluene	7.317	91	171241	4.668	ug/L	97
44) trans-1,3-Dichloropropene	7.584	75	45737	4.249	ug/L	97
45) 1,1,2-Trichloroethane	7.770	97	29395	4.528	ug/L	99
47) Tetrachloroethene	7.905	164	32200	4.520	ug/L	98
48) 2-Hexanone	8.079	43	185830	45.228	ug/L	99
49) Dibromochloromethane	8.178	129	30521	4.516	ug/L	98
50) 1,2-Dibromoethane	8.284	107	27805	4.529	ug/L	94
51) Chlorobenzene	8.815	112	107454	4.550	ug/L	99
52) Ethylbenzene	8.947	91	183043	4.481	ug/L	99
53) m,p-Xylene	9.075	106	68137	4.498	ug/L	99
54) o-Xylene	9.481	106	66053	4.525	ug/L	97
55) Styrene	9.497	104	117276	4.757	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.181	83	31866	4.461	ug/L	99
59) Bromoform	9.667	173	16060	4.321	ug/L	99
60) Isopropylbenzene	9.870	105	181632	4.572	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	23992	4.410	ug/L	99
62) 1,3,5-Trimethylbenzene	10.481	105	144809	4.473	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	146692	4.551	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	87023	4.586	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	86399	4.538	ug/L	96
67) 1,2-Dichlorobenzene	11.583	146	79697	4.605	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	4646	4.180	ug/L	90
69) 1,3,5-Trichlorobenzene	12.587	180	63708	4.584	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	53824	4.366	ug/L	99
71) Naphthalene	13.445	128	85229	4.070	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	47670	4.488	ug/L	99

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

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MSVOA_V
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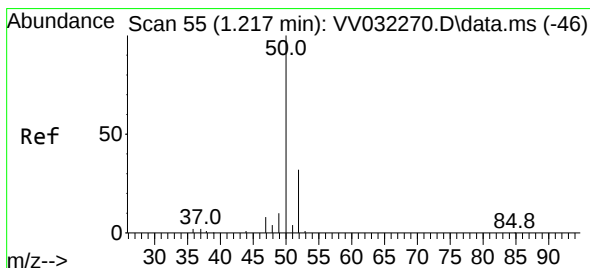
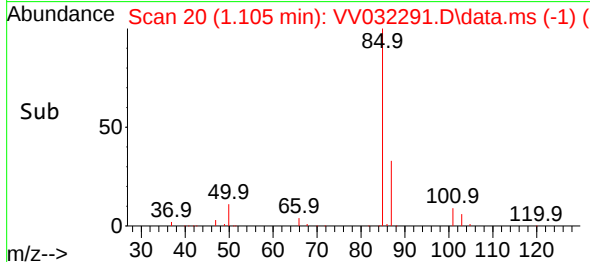
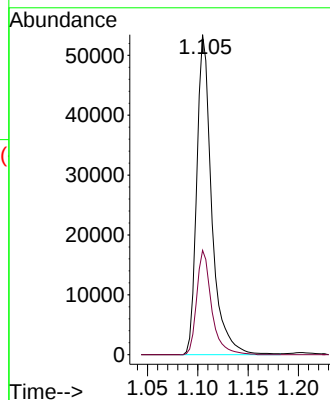
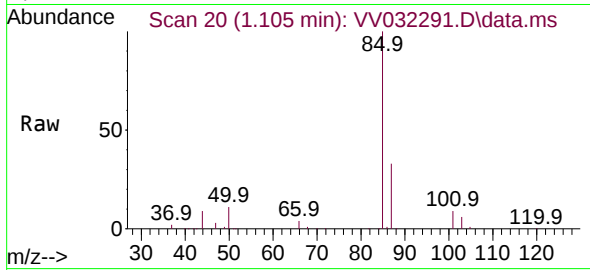




#2
 Dichlorodifluoromethane
 Concen: 5.290 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV032291.D
 Acq: 06 Oct 2023 10:27

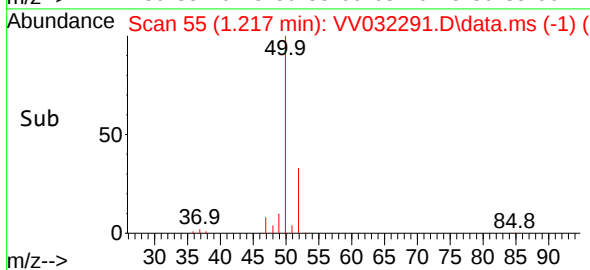
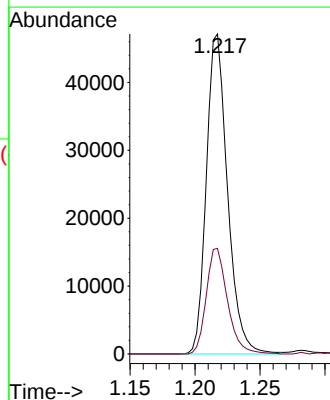
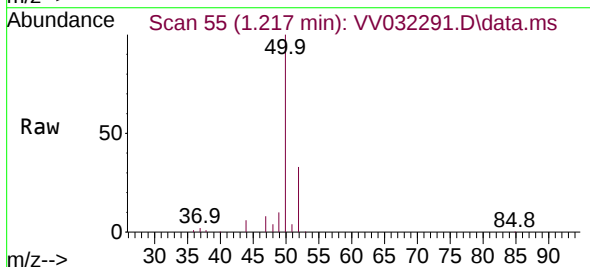
Instrument :
 MSVOA_V
 ClientSampleId :

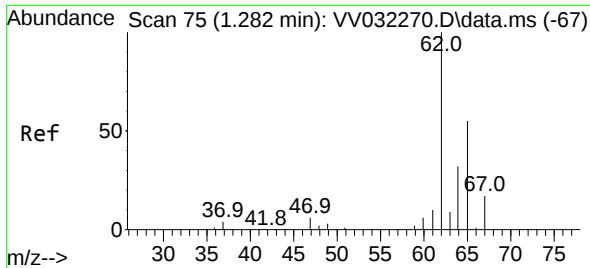
Tgt Ion: 85 Resp: 55251
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.5 38.3



#3
 Chloromethane
 Concen: 5.088 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV032291.D
 Acq: 06 Oct 2023 10:27

Tgt Ion: 50 Resp: 53574
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.0 42.6

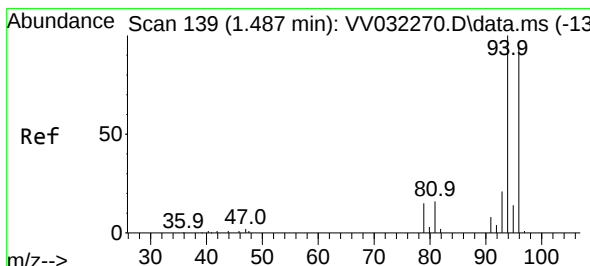
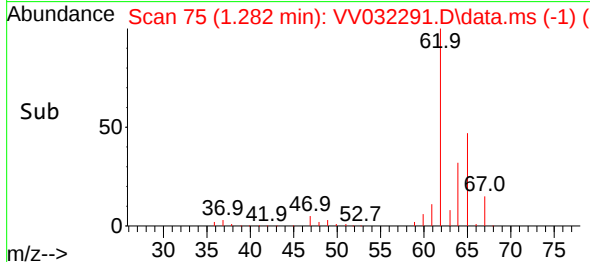
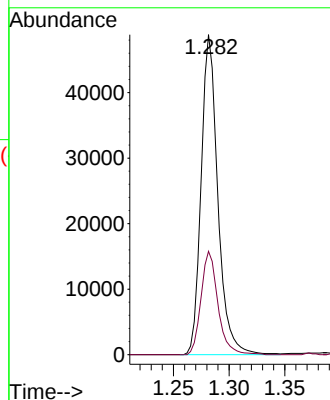
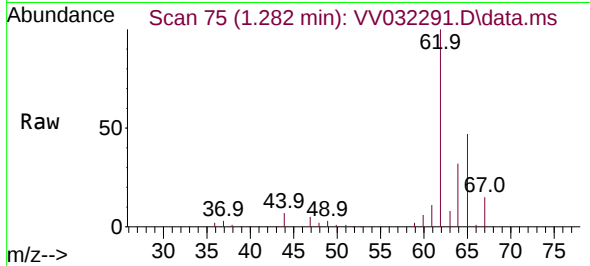




#5
 Vinyl chloride
 Concen: 5.081 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV032291.D
 Acq: 06 Oct 2023 10:27

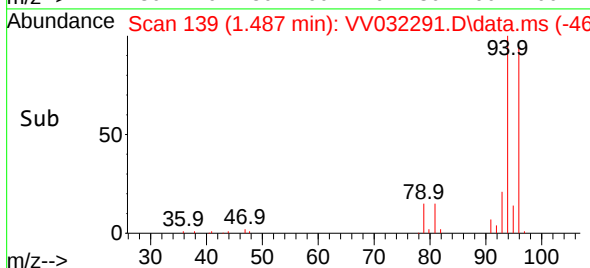
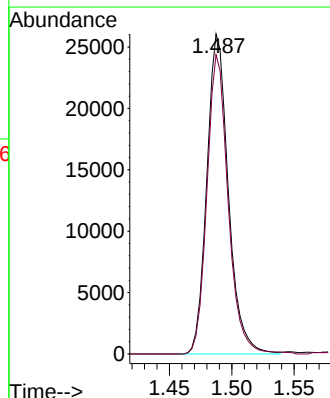
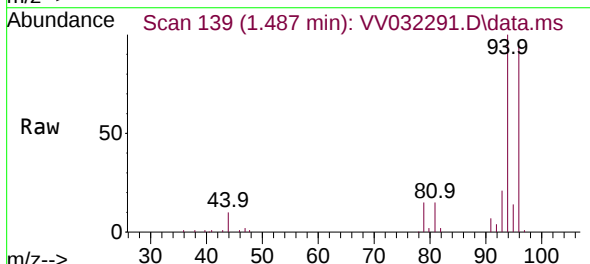
Instrument : MSVOA_V
 ClientSampleId :

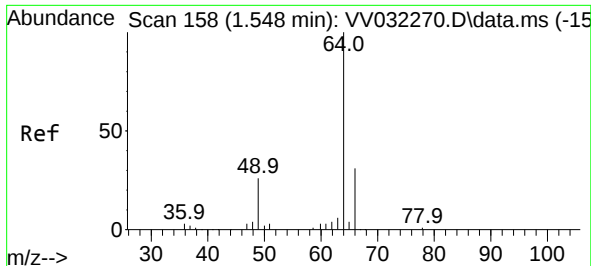
Tgt Ion: 62	Resp: 51020
Ion Ratio	Lower Upper
62	100
64	32.3 23.1 42.9



#6
 Bromomethane
 Concen: 5.172 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV032291.D
 Acq: 06 Oct 2023 10:27

Tgt Ion: 94	Resp: 31372
Ion Ratio	Lower Upper
94	100
96	93.5 66.8 124.2

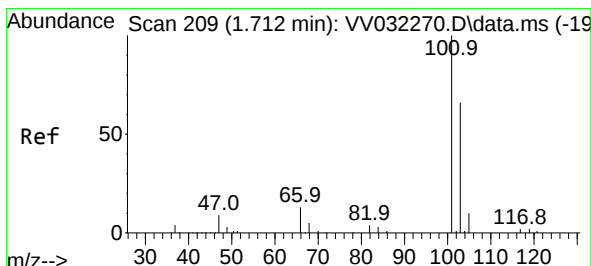
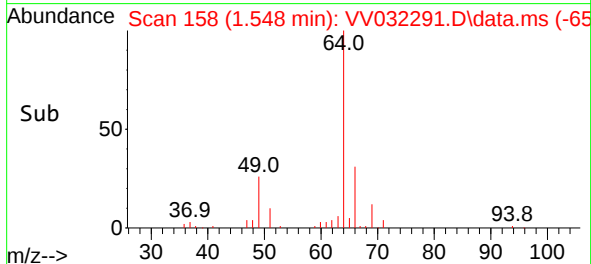
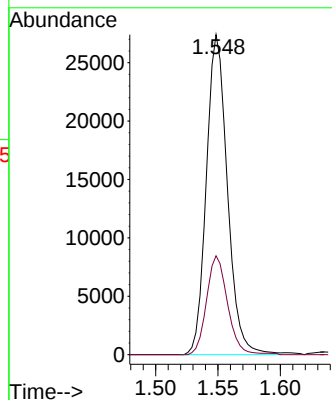
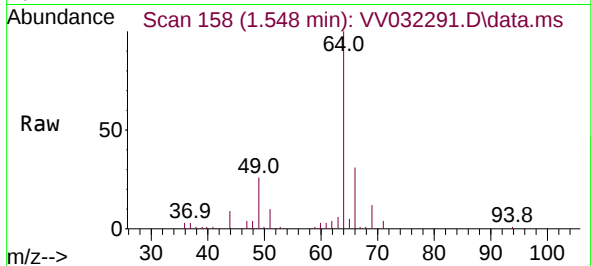




#8
Chloroethane
Concen: 5.331 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032291.D
Acq: 06 Oct 2023 10:27

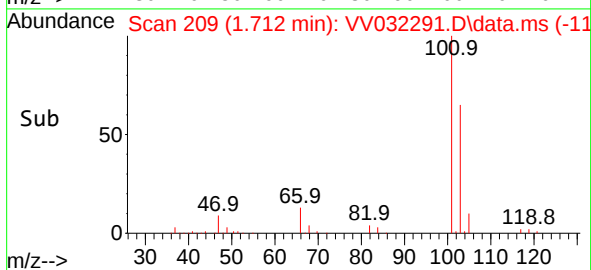
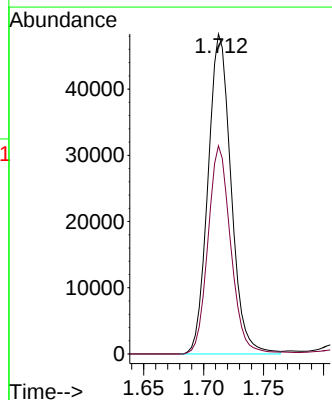
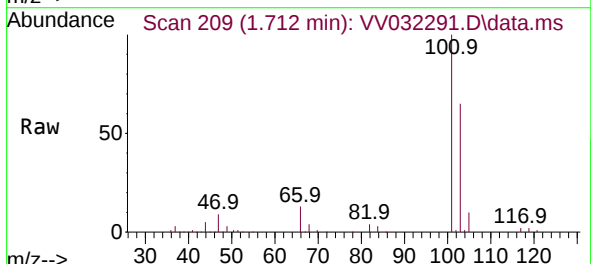
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MSVOA_V
ClientSampleId :

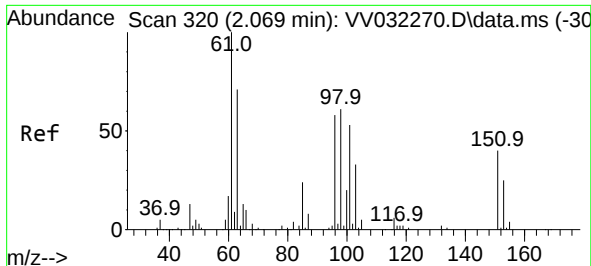
Tgt Ion: 64 Resp: 32230
Ion Ratio Lower Upper
64 100
66 30.9 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.368 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV032291.D
Acq: 06 Oct 2023 10:27

Tgt Ion:101 Resp: 64648
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.413 ug/L

RT: 2.066 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV032291.D

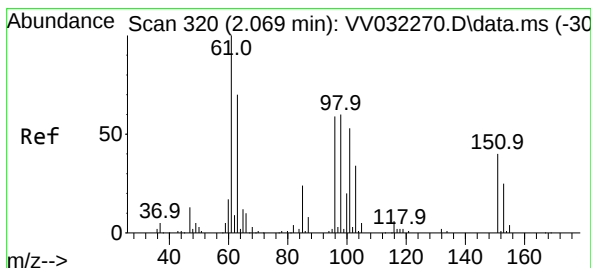
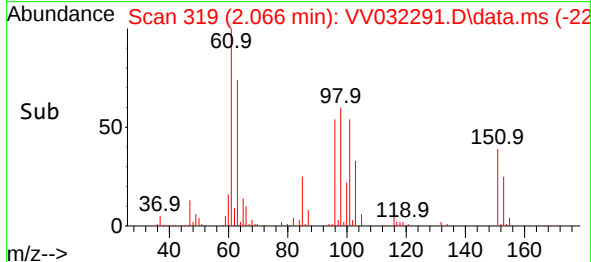
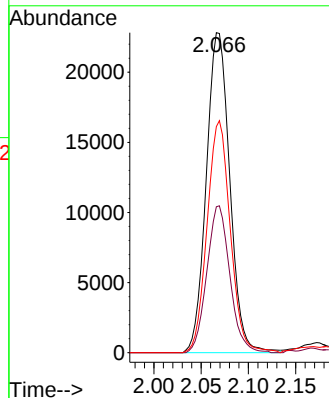
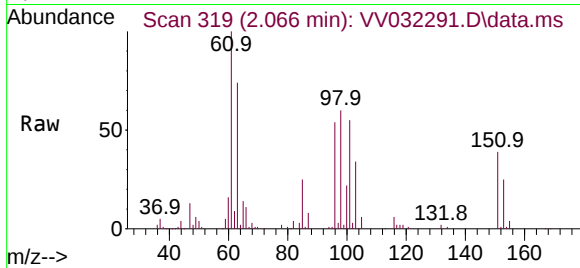
Acq: 06 Oct 2023 10:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	101	Resp:	39502
Ion	Ratio	Lower	Upper
101	100		
85	44.9	35.0	52.6
151	71.5	56.6	84.8



#12

1,1-Dichloroethene

Concen: 5.093 ug/L

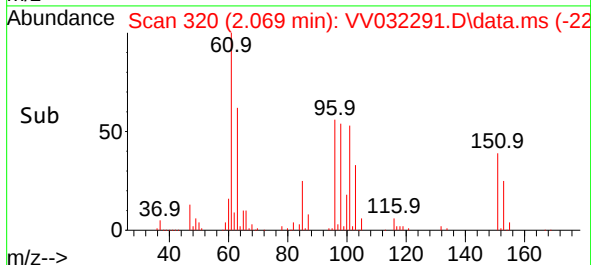
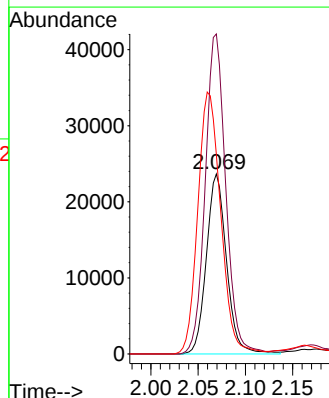
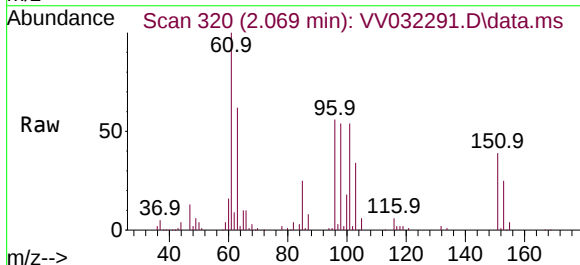
RT: 2.069 min Scan# 320

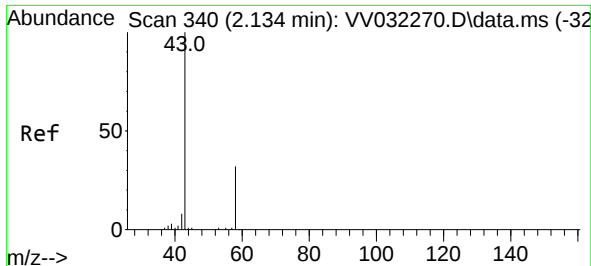
Delta R.T. 0.000 min

Lab File: VV032291.D

Acq: 06 Oct 2023 10:27

Tgt Ion:	96	Resp:	35007
Ion	Ratio	Lower	Upper
96	100		
61	177.8	127.3	236.3
63	110.8	98.3	182.7





#13

Acetone

Concen: 50.235 ug/L

RT: 2.130 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV032291.D

Acq: 06 Oct 2023 10:27

Instrument :

MSVOA_V

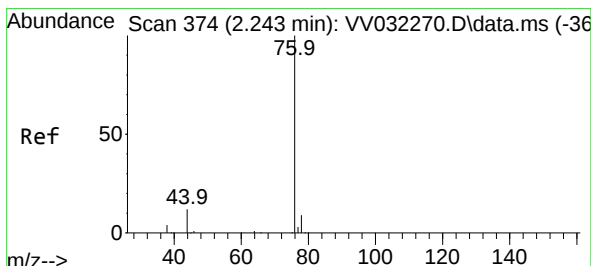
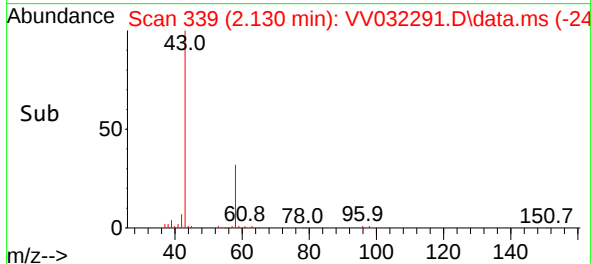
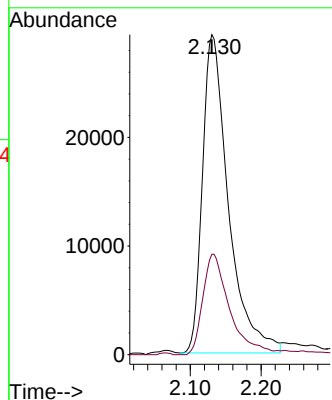
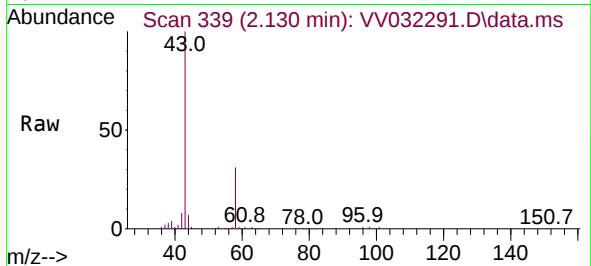
ClientSampleId :

Tgt Ion: 43 Resp: 74658

Ion Ratio Lower Upper

43 100

58 32.4 0.0 66.0



#14

Carbon disulfide

Concen: 4.718 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV032291.D

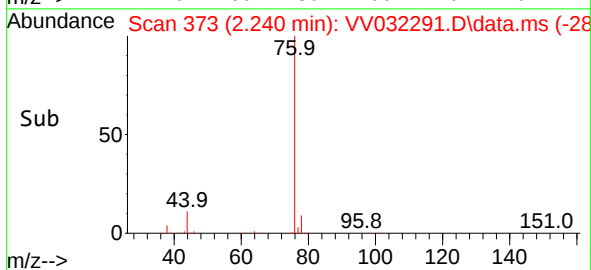
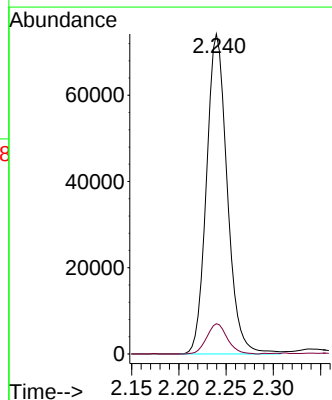
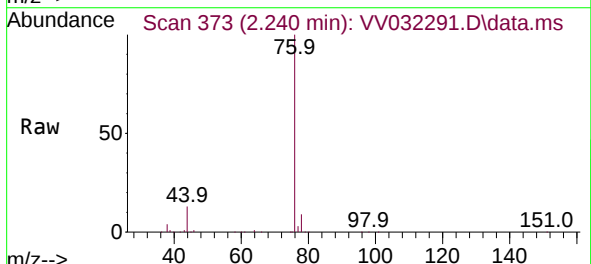
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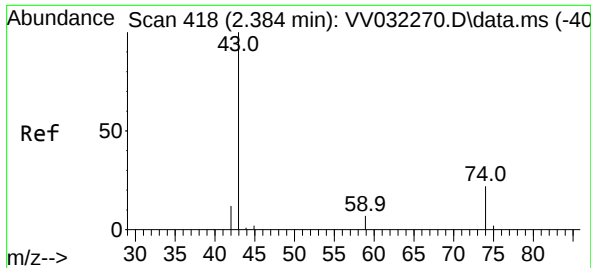
Tgt Ion: 76 Resp: 113372

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.2

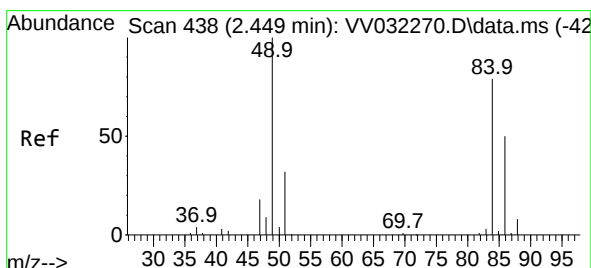
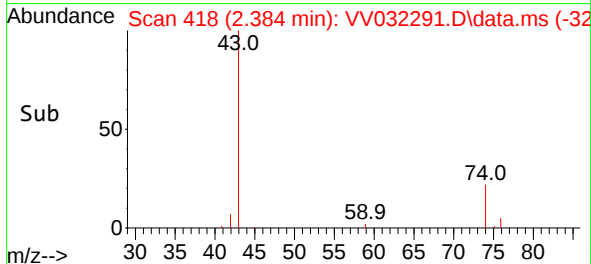
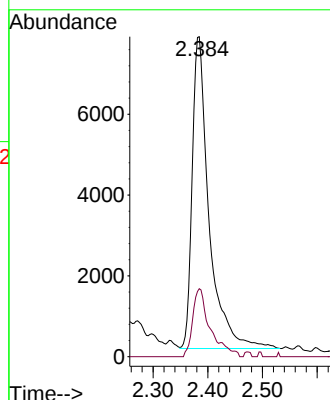
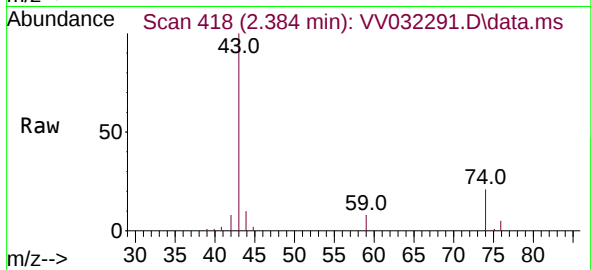




#15
Methyl Acetate
Concen: 4.931 ug/L
RT: 2.384 min Scan# 418
Delta R.T. 0.000 min
Lab File: VV032291.D
Acq: 06 Oct 2023 10:27

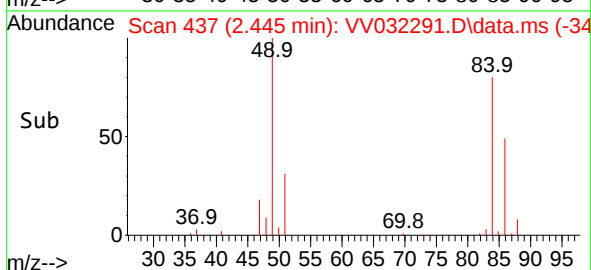
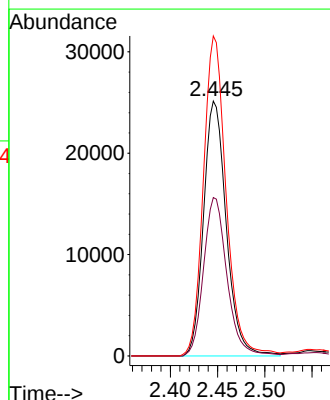
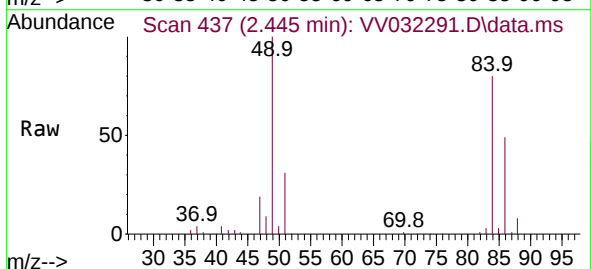
Instrument :
MSVOA_V
ClientSampleId :

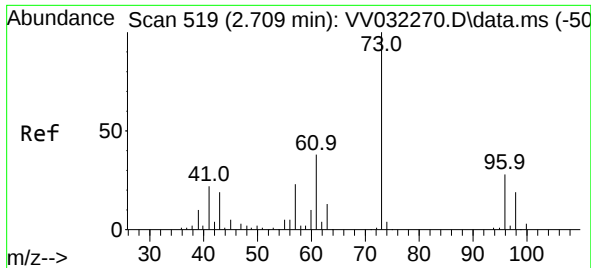
Tgt Ion: 43 Resp: 16498
Ion Ratio Lower Upper
43 100
74 22.5 18.0 27.0



#16
Methylene chloride
Concen: 4.699 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV032291.D
Acq: 06 Oct 2023 10:27

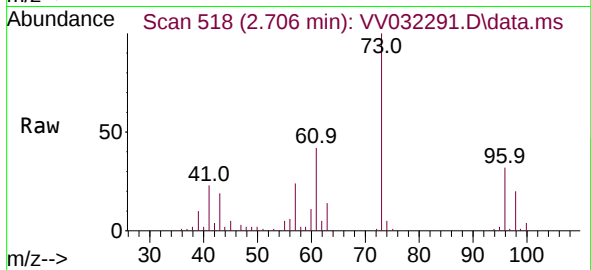
Tgt Ion: 84 Resp: 42113
Ion Ratio Lower Upper
84 100
86 62.1 43.2 80.2
49 125.5 86.3 160.3



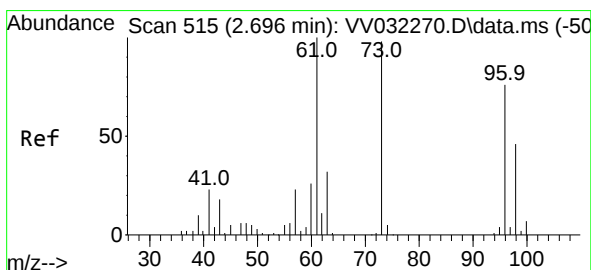
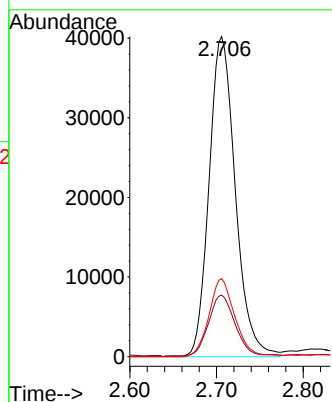
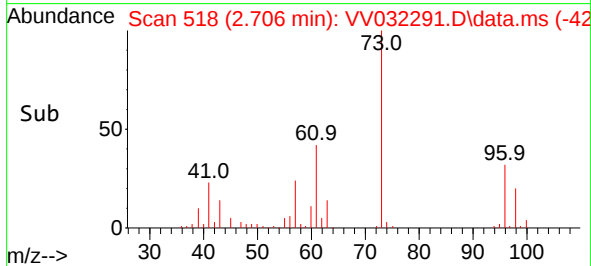


#17
Methyl tert-butyl Ether
Concen: 4.524 ug/L
RT: 2.706 min Scan# 519
Delta R.T. -0.003 min
Lab File: VV032291.D
Acq: 06 Oct 2023 10:27

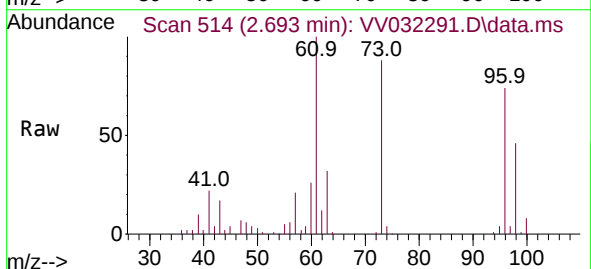
Instrument :
MSVOA_V
ClientSampleId :



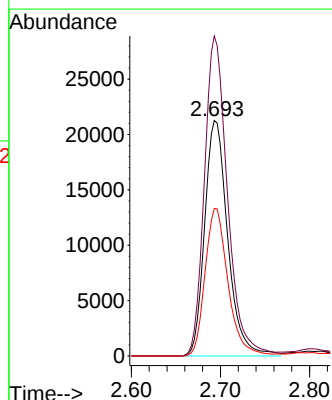
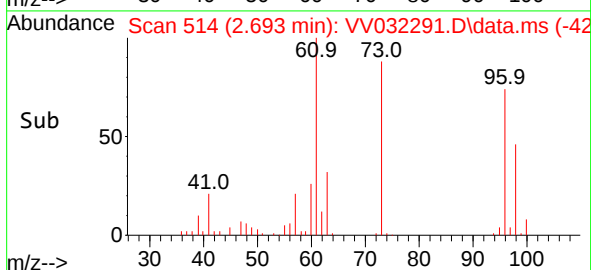
Tgt Ion: 73 Resp: 84648
Ion Ratio Lower Upper
73 100
43 18.7 15.1 22.7
57 24.1 18.3 27.5

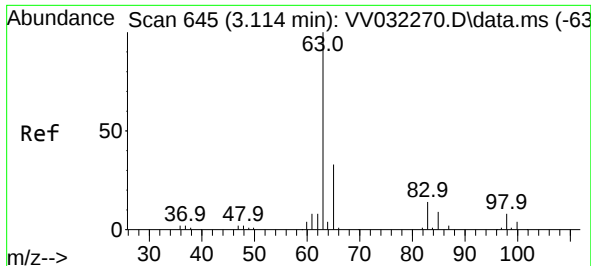


#18
trans-1,2-Dichloroethene
Concen: 4.870 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.003 min
Lab File: VV032291.D
Acq: 06 Oct 2023 10:27



Tgt Ion: 96 Resp: 38346
Ion Ratio Lower Upper
96 100
61 135.9 96.9 180.1
98 62.7 45.3 84.1





#19

1,1-Dichloroethane

Concen: 4.903 ug/L

RT: 3.111 min Scan# 64

Delta R.T. -0.003 min

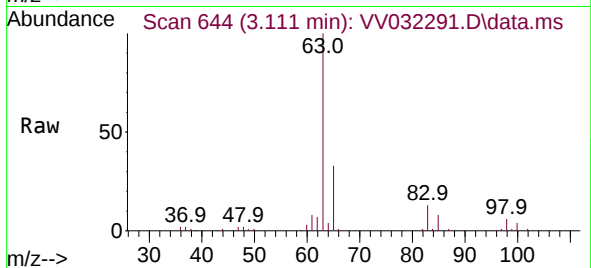
Lab File: VV032291.D

Acq: 06 Oct 2023 10:27

Instrument :

MSVOA_V

ClientSampleId :



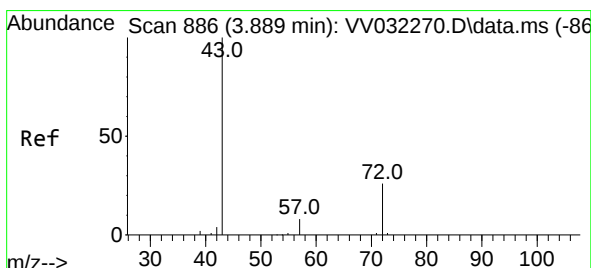
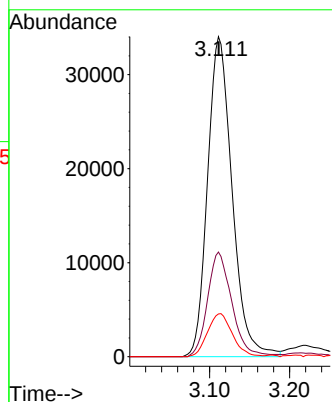
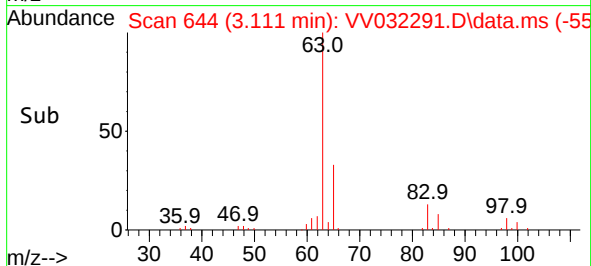
Tgt Ion: 63 Resp: 72618

Ion Ratio Lower Upper

63 100

65 32.7 22.3 41.5

83 13.4 9.0 16.6



#21

2-Butanone

Concen: 45.551 ug/L

RT: 3.883 min Scan# 884

Delta R.T. -0.006 min

Lab File: VV032291.D

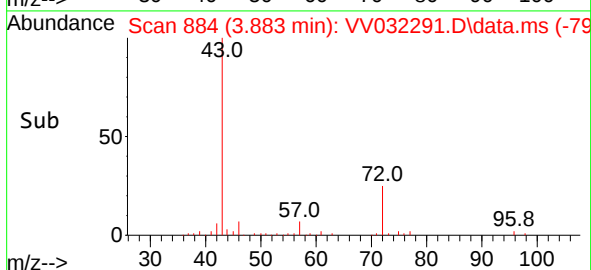
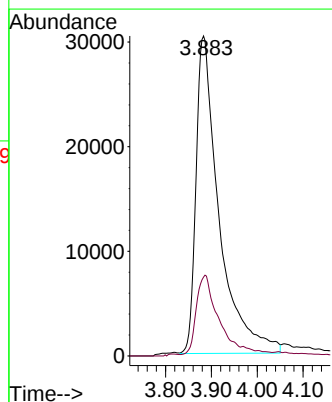
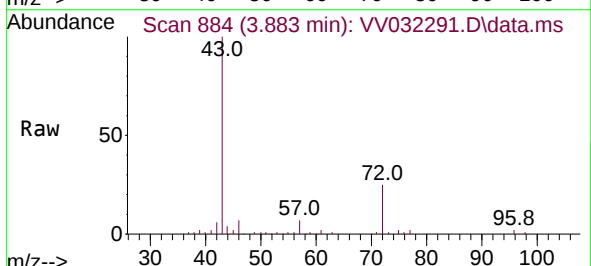
Acq: 06 Oct 2023 10:27

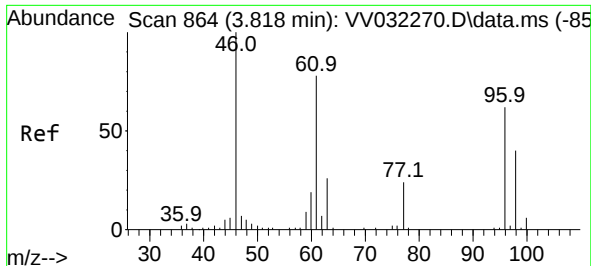
Tgt Ion: 43 Resp: 105864

Ion Ratio Lower Upper

43 100

72 22.8 11.6 34.8





#22

cis-1,2-Dichloroethene

Concen: 4.789 ug/L

RT: 3.815 min Scan# 864

Delta R.T. -0.003 min

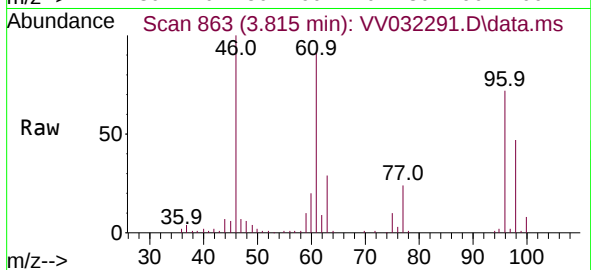
Lab File: VV032291.D

Acq: 06 Oct 2023 10:27

Instrument :

MSVOA_V

ClientSampleId :



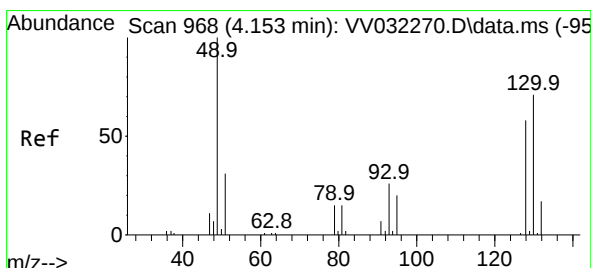
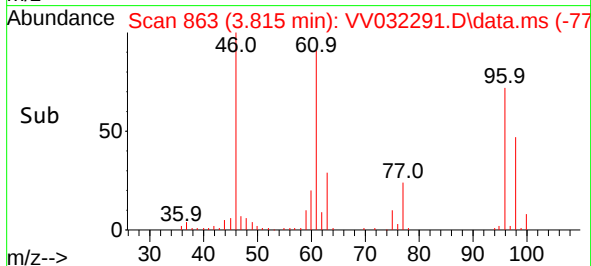
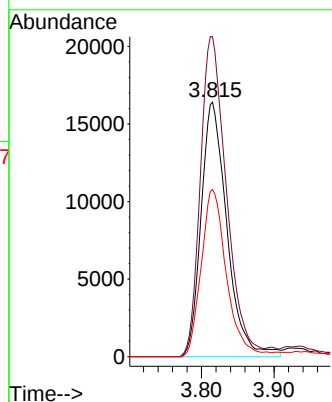
Tgt Ion: 96 Resp: 40598

Ion Ratio Lower Upper

96 100

61 125.7 85.8 159.4

98 65.7 44.0 81.6



#23

Bromochloromethane

Concen: 4.924 ug/L

RT: 4.150 min Scan# 967

Delta R.T. -0.003 min

Lab File: VV032291.D

Acq: 06 Oct 2023 10:27

Tgt Ion: 128 Resp: 17561

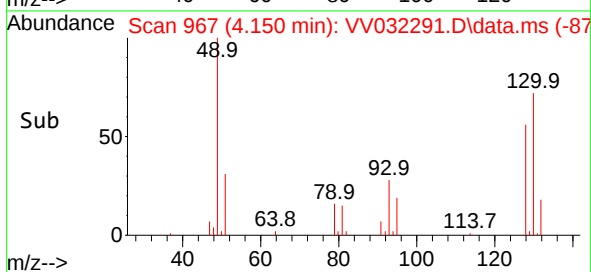
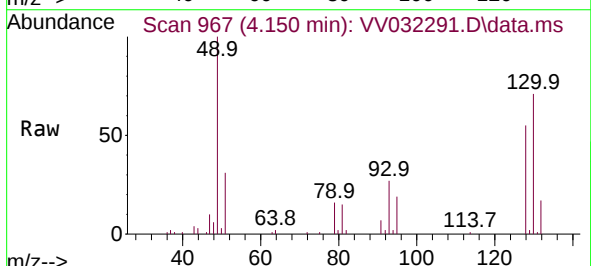
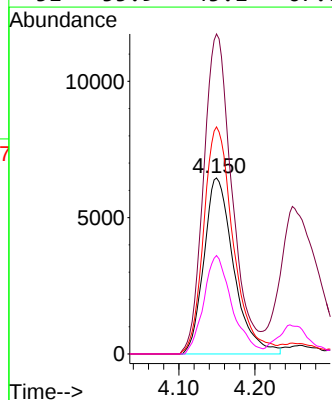
Ion Ratio Lower Upper

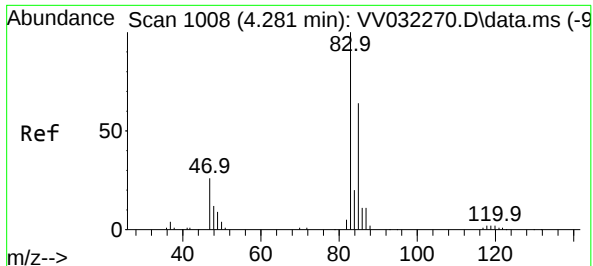
128 100

49 181.9 121.2 225.0

130 129.0 88.2 163.8

51 55.9 45.1 67.7





#25

Chloroform

Concen: 4.966 ug/L

RT: 4.278 min Scan# 10

Delta R.T. -0.003 min

Lab File: VV032291.D

Acq: 06 Oct 2023 10:27

Instrument :

MSVOA_V

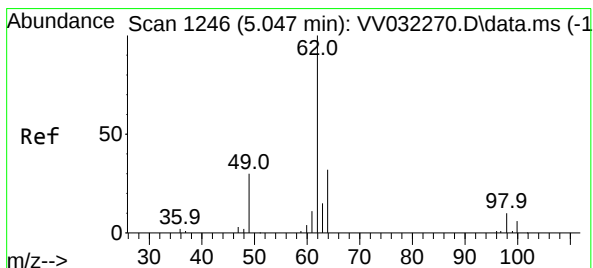
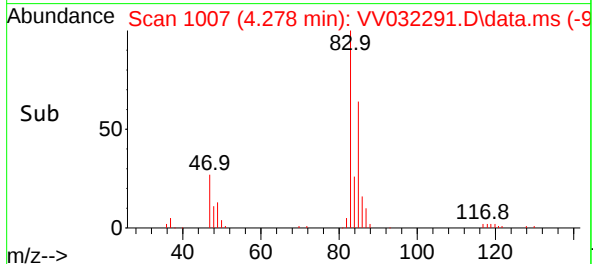
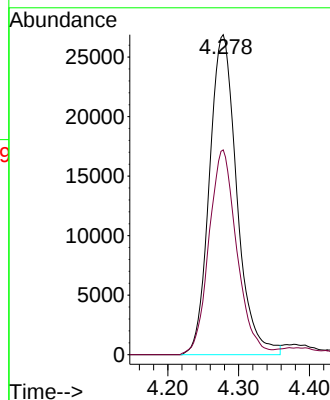
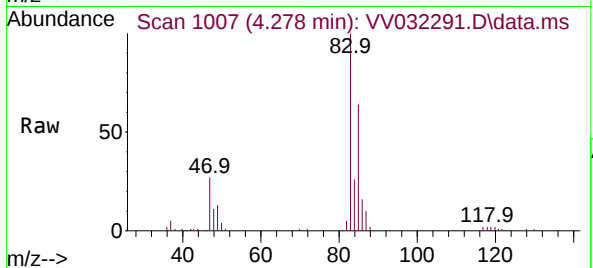
ClientSampleId :

Tgt Ion: 83 Resp: 72161

Ion Ratio Lower Upper

83 100

85 64.0 45.4 84.4



#27

1,2-Dichloroethane

Concen: 4.731 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VV032291.D

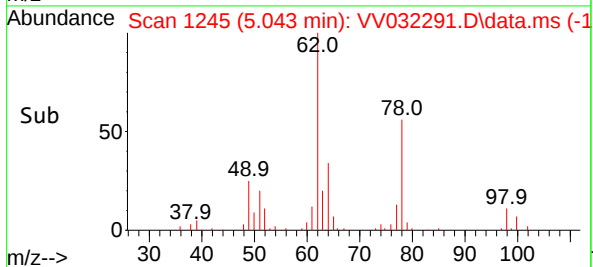
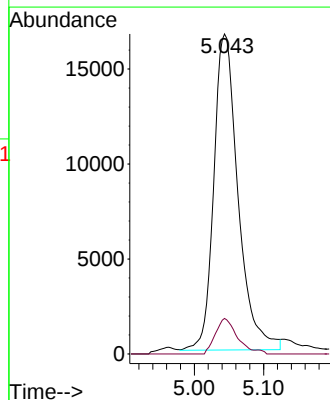
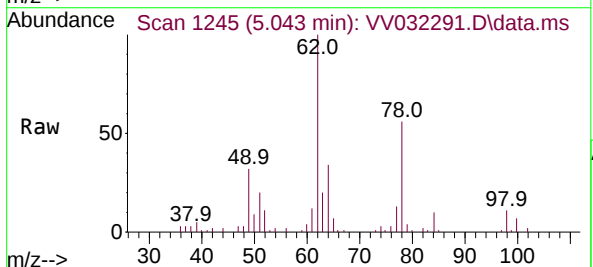
Acq: 06 Oct 2023 10:27

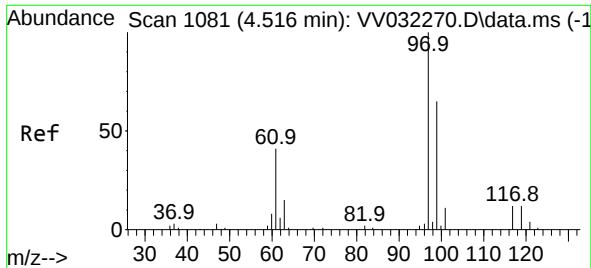
Tgt Ion: 62 Resp: 40614

Ion Ratio Lower Upper

62 100

98 11.1 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.465 ug/L

RT: 4.510 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VV032291.D

Acq: 06 Oct 2023 10:27

Instrument :

MSVOA_V

ClientSampleId :

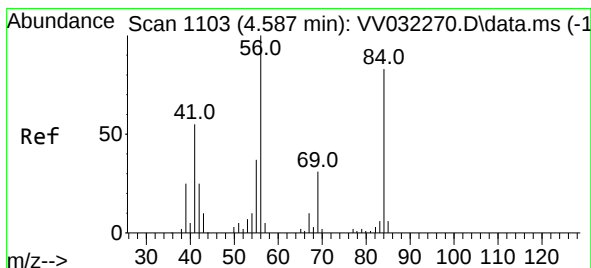
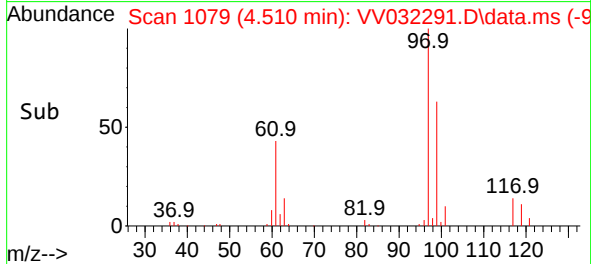
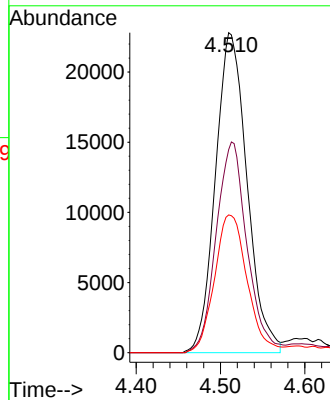
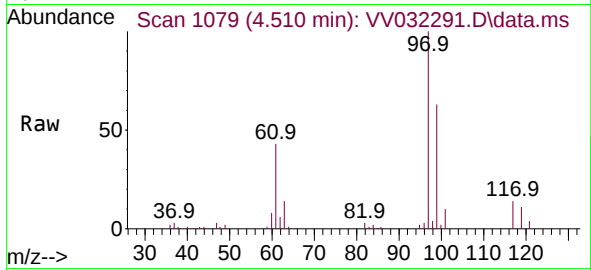
Tgt Ion: 97 Resp: 59334

Ion Ratio Lower Upper

97 100

99 64.5 50.1 75.1

61 44.6 35.1 52.7



#30

Cyclohexane

Concen: 4.281 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. -0.003 min

Lab File: VV032291.D

Acq: 06 Oct 2023 10:27

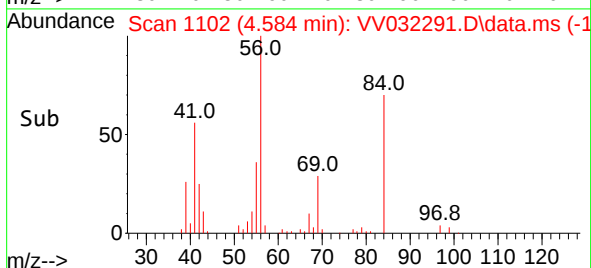
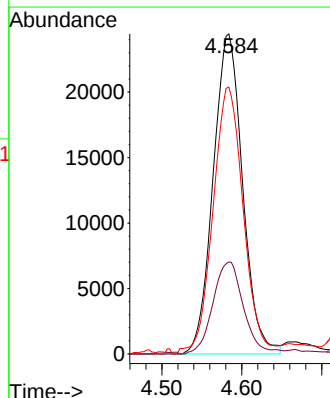
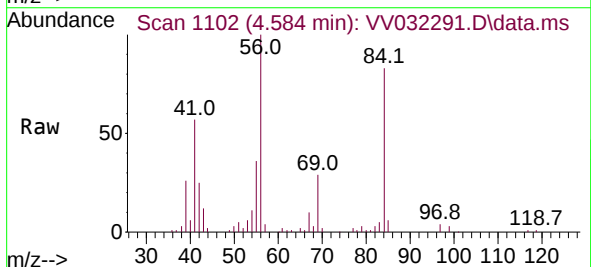
Tgt Ion: 56 Resp: 62512

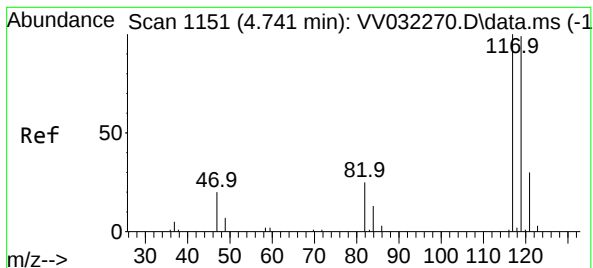
Ion Ratio Lower Upper

56 100

69 29.8 24.2 36.2

84 85.6 68.1 102.1





#31

Carbon tetrachloride

Concen: 4.539 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. -0.006 min

Lab File: VV032291.D

Acq: 06 Oct 2023 10:27

Instrument :

MSVOA_V

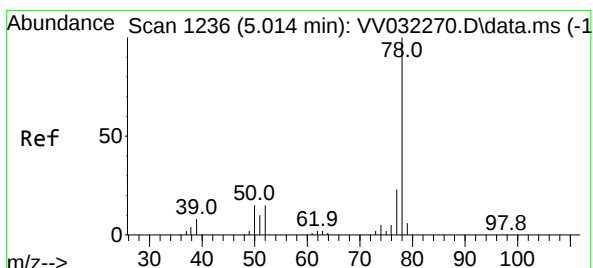
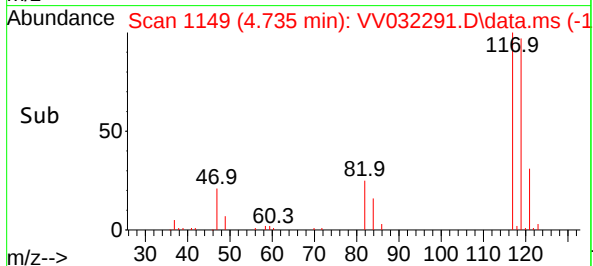
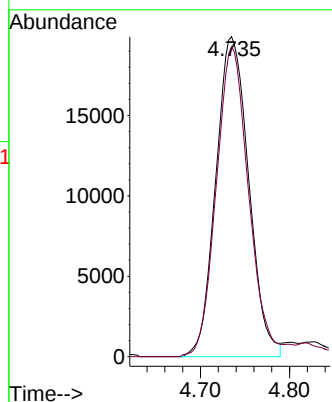
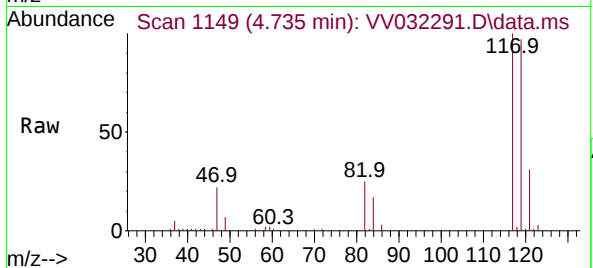
ClientSampleId :

Tgt Ion:117 Resp: 51035

Ion Ratio Lower Upper

117 100

119 94.9 77.6 116.4



#33

Benzene

Concen: 4.482 ug/L

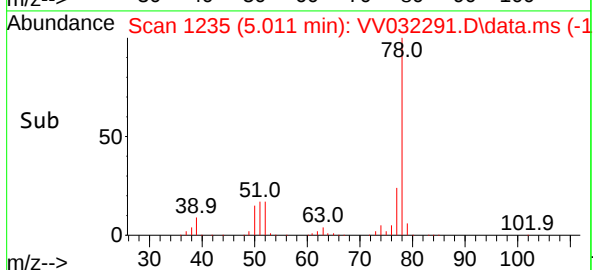
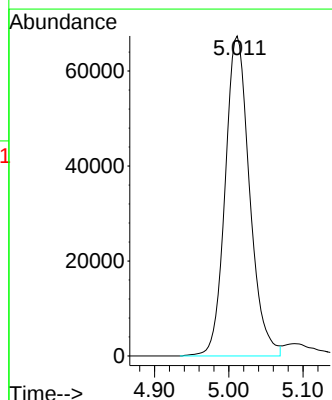
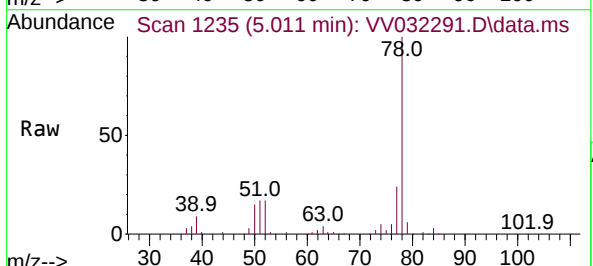
RT: 5.011 min Scan# 1235

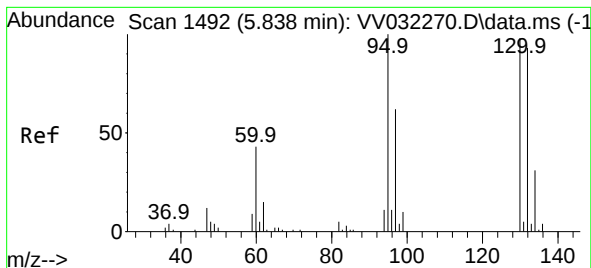
Delta R.T. -0.003 min

Lab File: VV032291.D

Acq: 06 Oct 2023 10:27

Tgt Ion: 78 Resp: 154241





#34

Trichloroethene

Concen: 4.748 ug/L

RT: 5.834 min Scan# 1492

Delta R.T. -0.003 min

Lab File: VV032291.D

Acq: 06 Oct 2023 10:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 44597

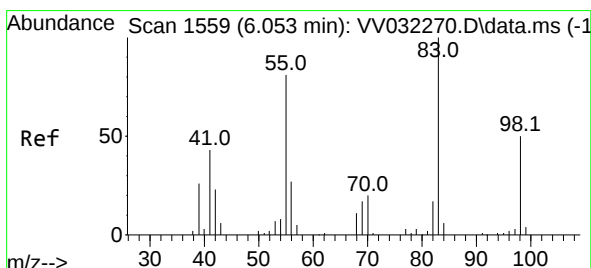
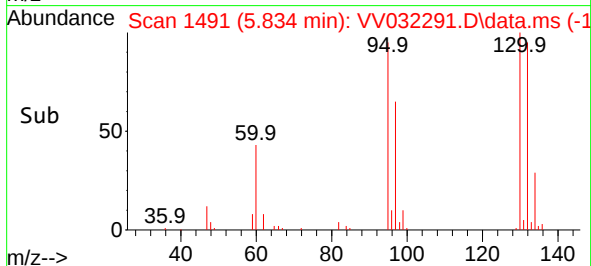
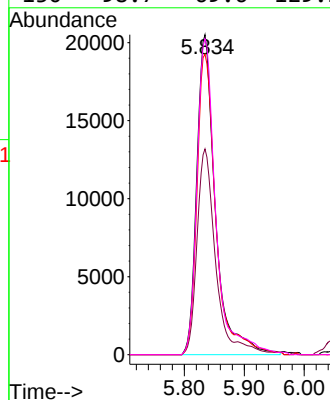
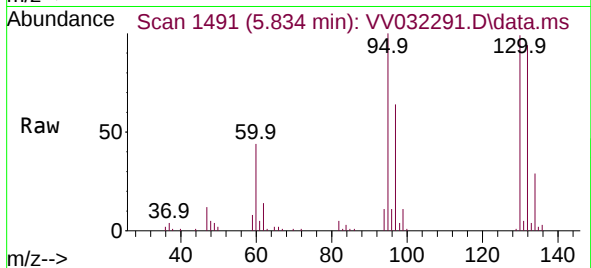
Ion Ratio Lower Upper

95 100

97 64.3 45.7 84.9

132 93.9 70.3 130.5

130 98.7 69.6 129.2



#35

Methylcyclohexane

Concen: 4.659 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.003 min

Lab File: VV032291.D

Acq: 06 Oct 2023 10:27

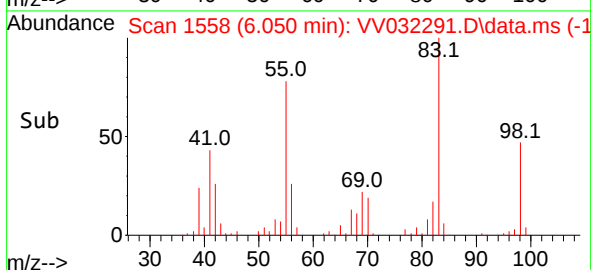
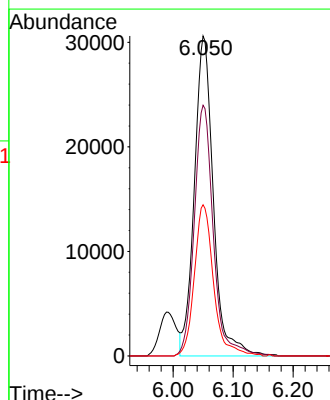
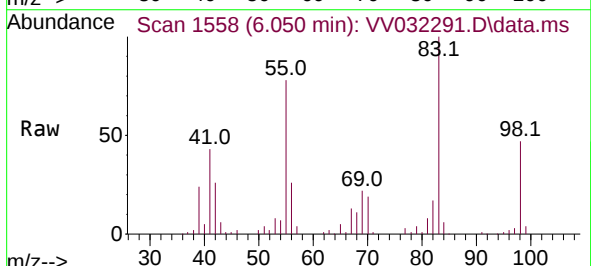
Tgt Ion: 83 Resp: 67728

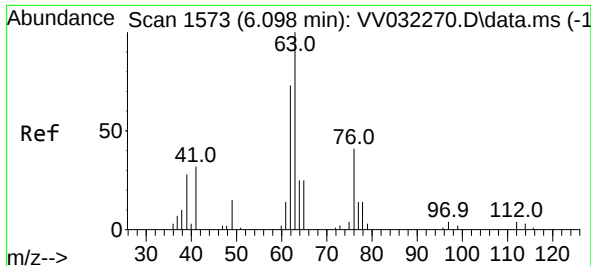
Ion Ratio Lower Upper

83 100

55 78.5 64.2 96.2

98 47.7 39.6 59.4





#37

1,2-Dichloropropane

Concen: 4.618 ug/L

RT: 6.095 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV032291.D

Acq: 06 Oct 2023 10:27

Instrument :

MSVOA_V

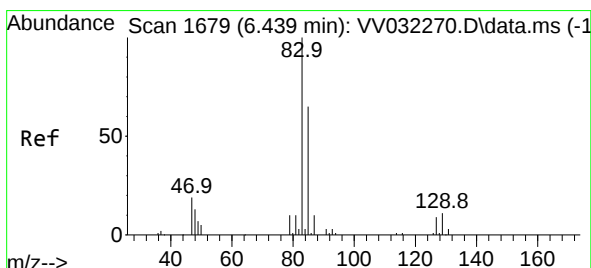
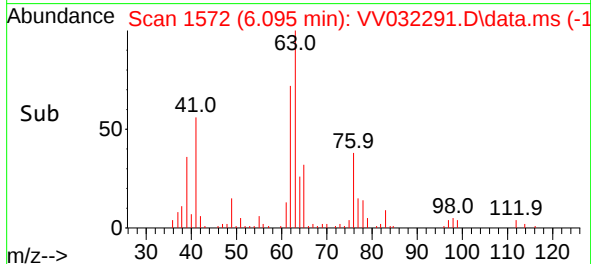
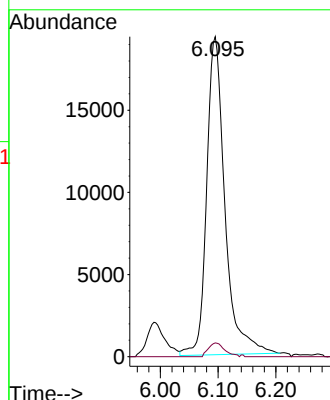
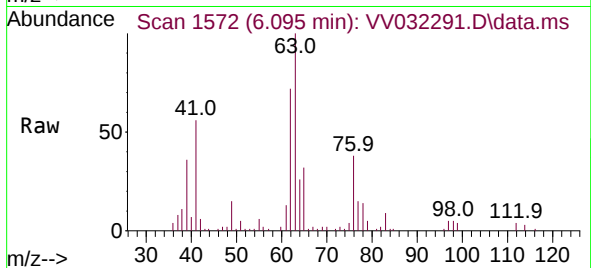
ClientSampleId :

Tgt Ion: 63 Resp: 42494

Ion Ratio Lower Upper

63 100

112 3.8 3.4 5.2



#38

Bromodichloromethane

Concen: 4.674 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. -0.003 min

Lab File: VV032291.D

Acq: 06 Oct 2023 10:27

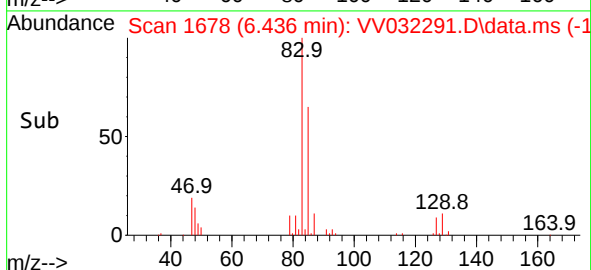
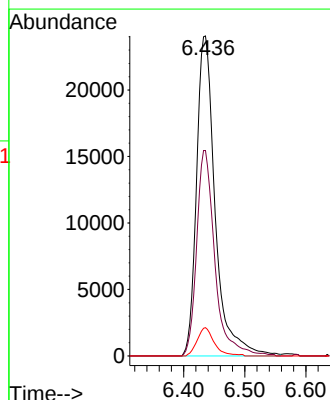
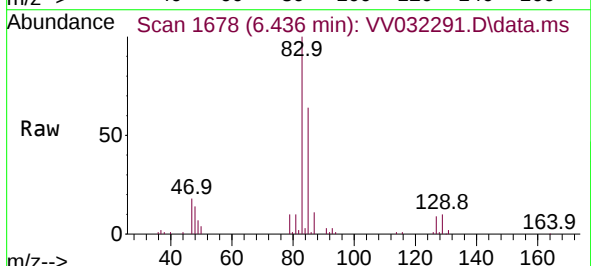
Tgt Ion: 83 Resp: 51111

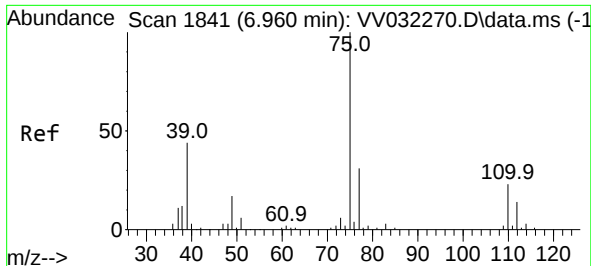
Ion Ratio Lower Upper

83 100

85 64.2 44.9 83.3

127 8.8 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.391 ug/L

RT: 6.957 min Scan# 1841

Delta R.T. -0.003 min

Lab File: VV032291.D

Acq: 06 Oct 2023 10:27

Instrument :

MSVOA_V

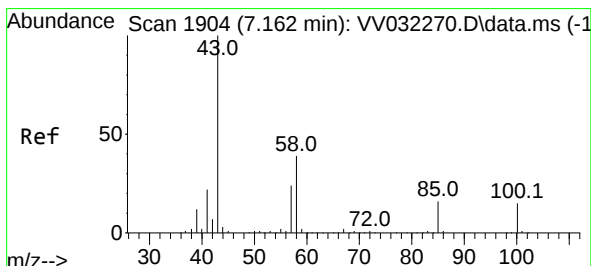
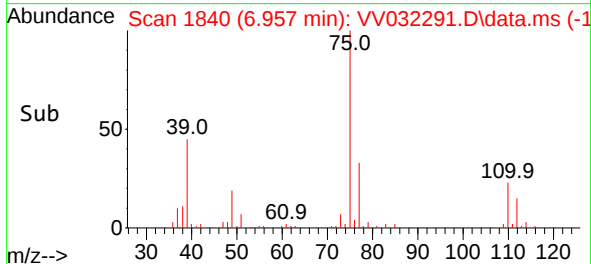
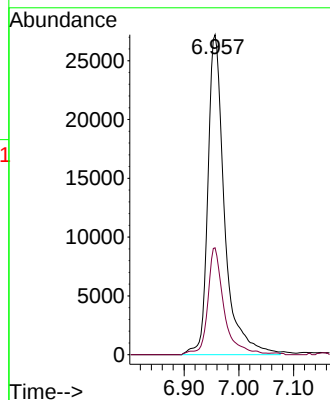
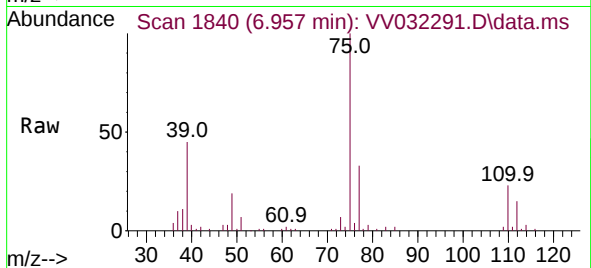
ClientSampleId :

Tgt Ion: 75 Resp: 57507

Ion Ratio Lower Upper

75 100

77 33.4 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 43.805 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VV032291.D

Acq: 06 Oct 2023 10:27

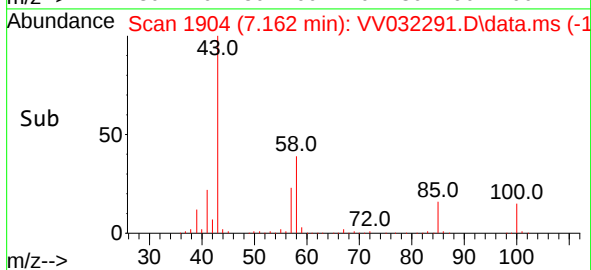
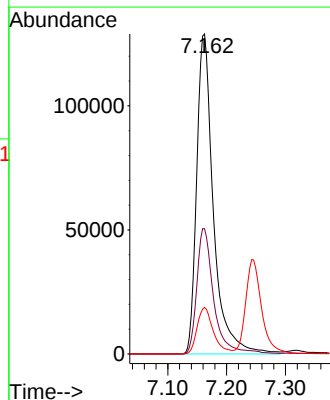
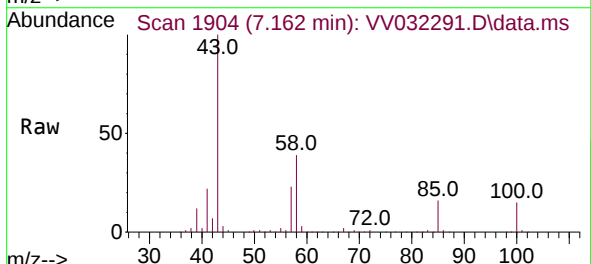
Tgt Ion: 43 Resp: 255100

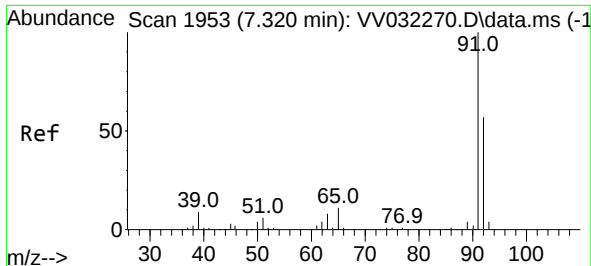
Ion Ratio Lower Upper

43 100

58 39.6 31.9 47.9

100 14.2 11.3 16.9





#42

Toluene

Concen: 4.668 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. -0.003 min

Lab File: VV032291.D

Acq: 06 Oct 2023 10:27

Instrument :

MSVOA_V

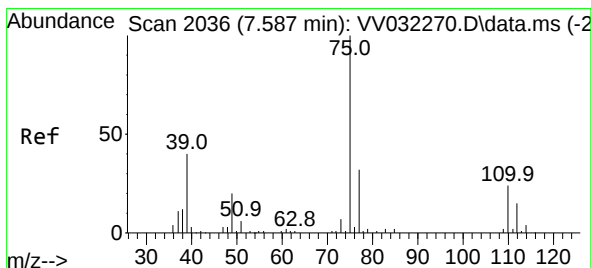
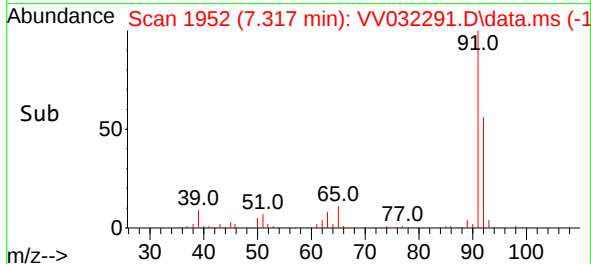
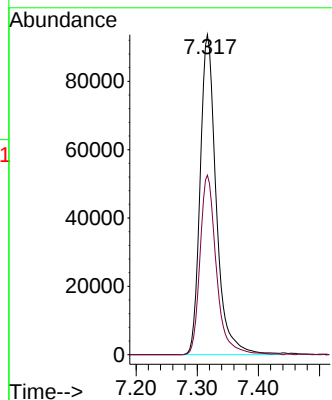
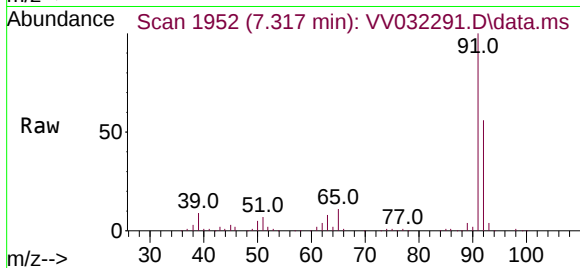
ClientSampleId :

Tgt Ion: 91 Resp: 171241

Ion Ratio Lower Upper

91 100

92 56.1 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.249 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. -0.003 min

Lab File: VV032291.D

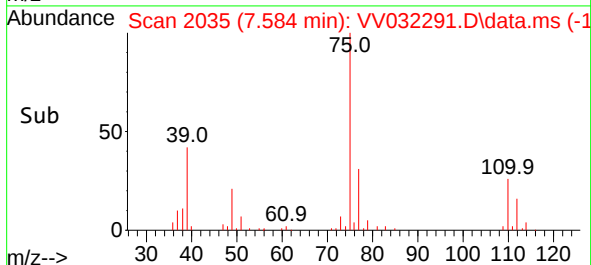
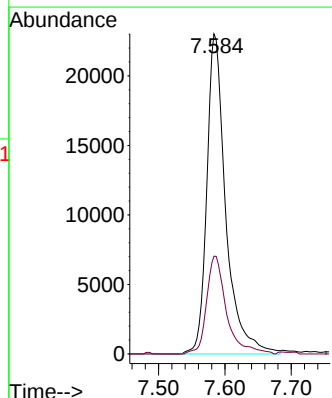
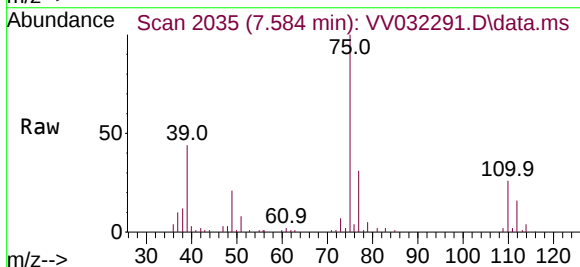
Acq: 06 Oct 2023 10:27

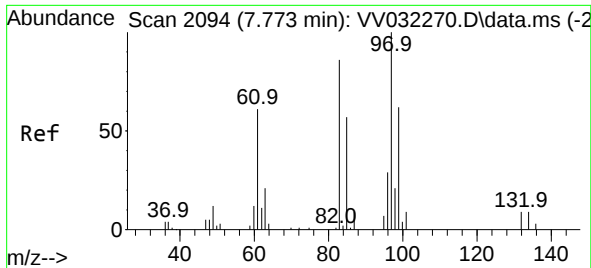
Tgt Ion: 75 Resp: 45737

Ion Ratio Lower Upper

75 100

77 30.6 22.5 41.7

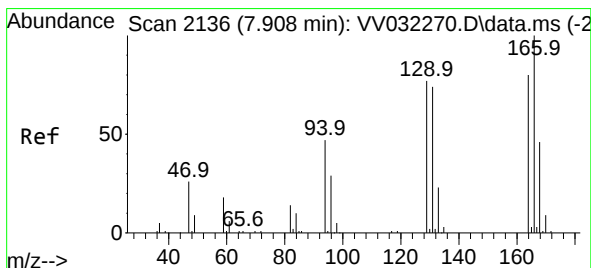
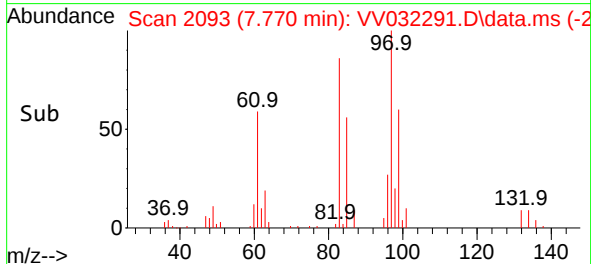
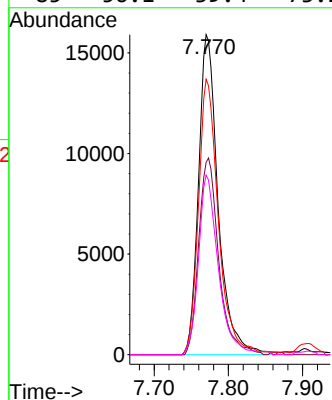
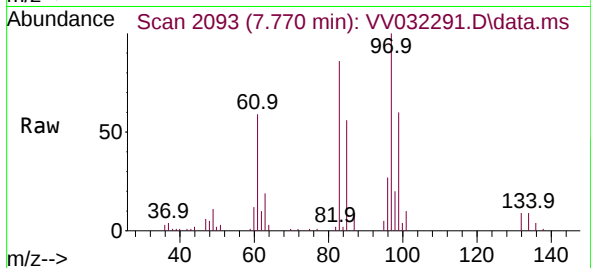




#45
1,1,2-Trichloroethane
Concen: 4.528 ug/L
RT: 7.770 min Scan# 2094
Delta R.T. -0.003 min
Lab File: VV032291.D
Acq: 06 Oct 2023 10:27

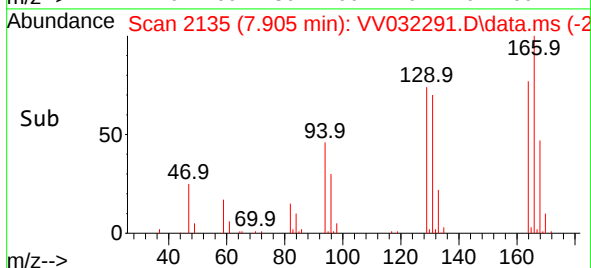
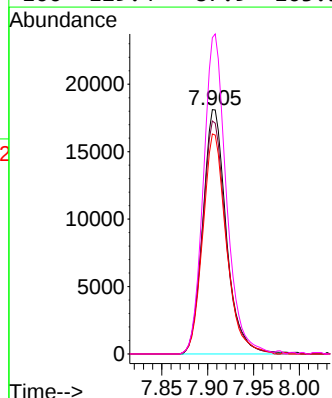
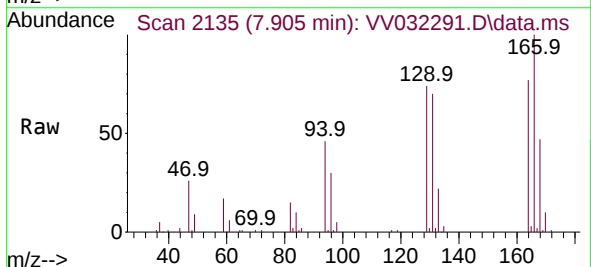
Instrument :
MSVOA_V
ClientSampleId :

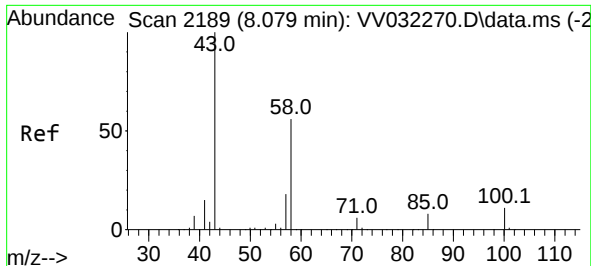
Tgt Ion:	97	Resp:	29395
Ion	Ratio	Lower	Upper
97	100		
99	60.1	42.8	79.4
83	86.1	60.9	113.1
85	56.1	39.4	73.2



#47
Tetrachloroethene
Concen: 4.520 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.003 min
Lab File: VV032291.D
Acq: 06 Oct 2023 10:27

Tgt Ion:	164	Resp:	32200
Ion	Ratio	Lower	Upper
164	100		
129	95.3	66.4	123.4
131	90.0	63.7	118.3
166	129.4	87.9	163.3

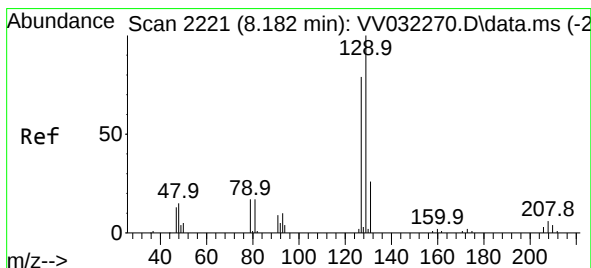
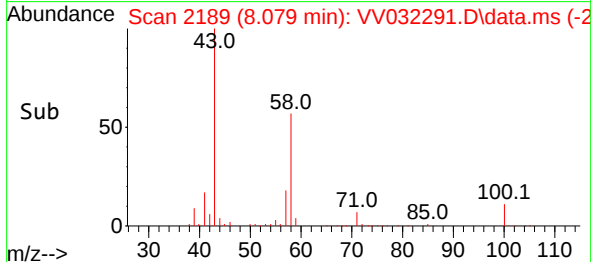
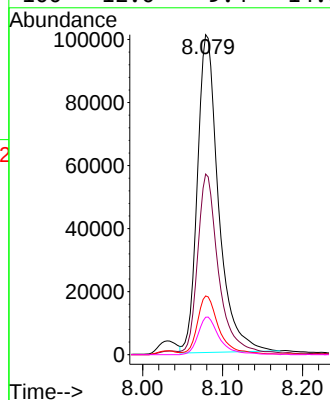
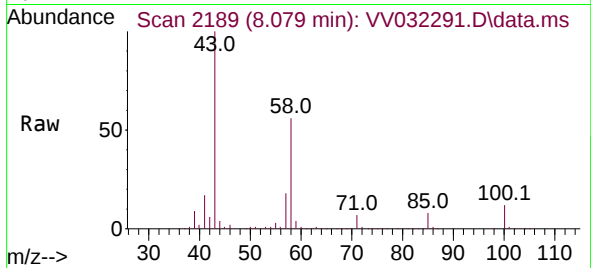




#48
2-Hexanone
Concen: 45.228 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV032291.D
Acq: 06 Oct 2023 10:27

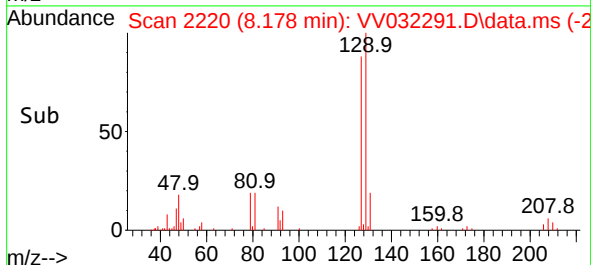
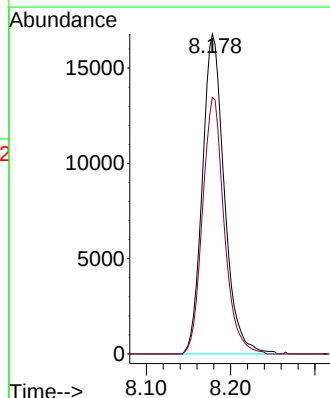
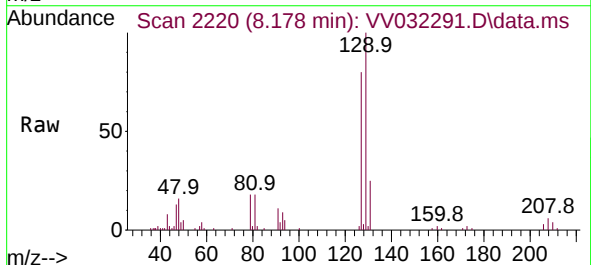
Instrument :
MSVOA_V
ClientSampleId :

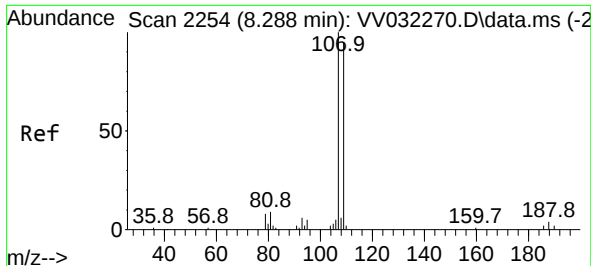
Tgt Ion: 43	Resp: 185830
Ion Ratio	Lower Upper
43 100	
58 55.7	43.6 65.4
57 18.5	14.6 22.0
100 12.0	9.4 14.0



#49
Dibromochloromethane
Concen: 4.516 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. -0.003 min
Lab File: VV032291.D
Acq: 06 Oct 2023 10:27

Tgt Ion:129	Resp:	30521	
Ion	Ratio	Lower	Upper
129	100		
127	80.2	57.2	106.2





#50

1,2-Dibromoethane

Concen: 4.529 ug/L

RT: 8.284 min Scan# 21

Delta R.T. -0.003 min

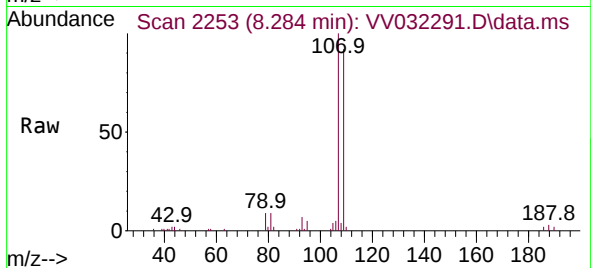
Lab File: VV032291.D

Acq: 06 Oct 2023 10:27

Instrument :

MSVOA_V

ClientSampleId :



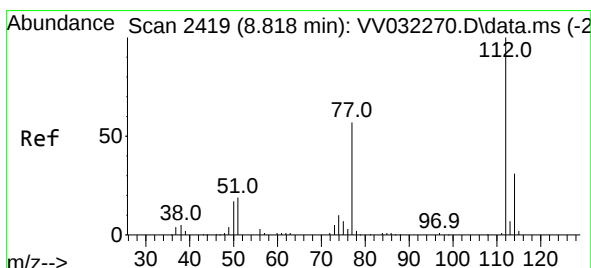
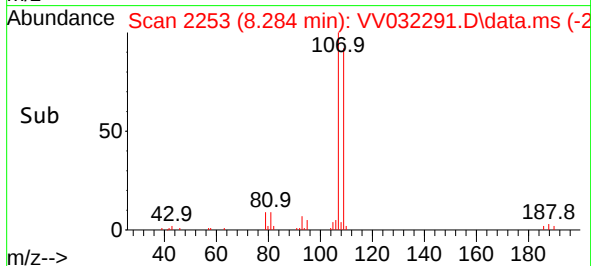
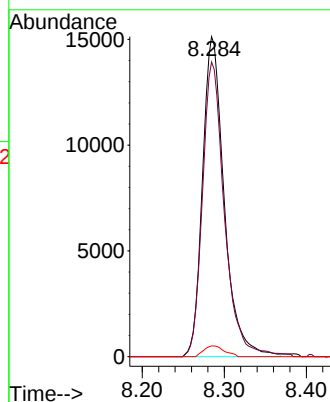
Tgt Ion:107 Resp: 27805

Ion Ratio Lower Upper

107 100

109 92.1 68.4 127.0

188 3.4 3.2 4.8



#51

Chlorobenzene

Concen: 4.550 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. -0.003 min

Lab File: VV032291.D

Acq: 06 Oct 2023 10:27

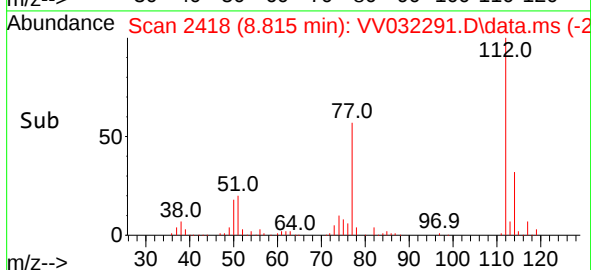
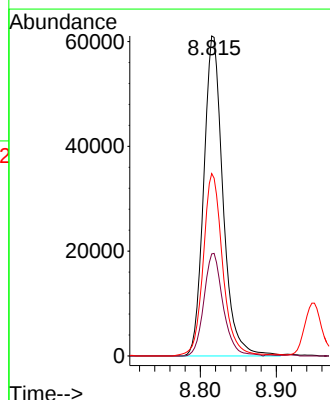
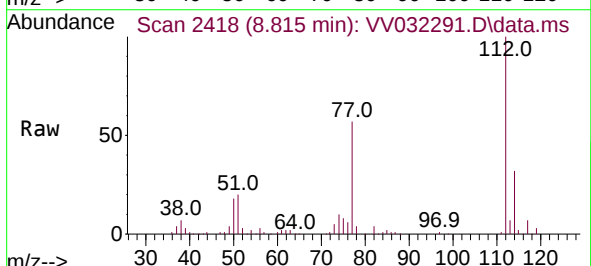
Tgt Ion:112 Resp: 107454

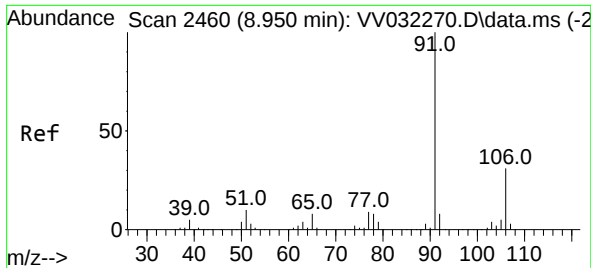
Ion Ratio Lower Upper

112 100

114 31.9 22.1 41.1

77 57.0 46.1 69.1

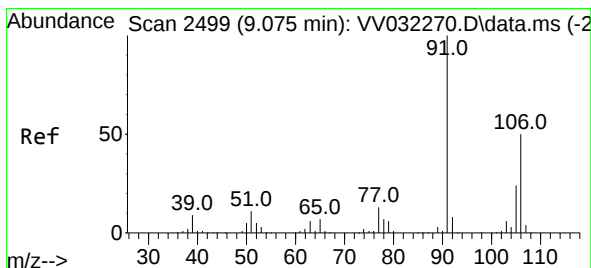
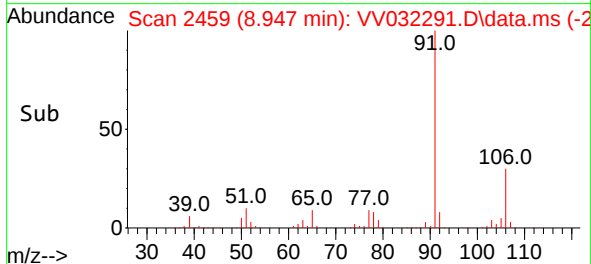
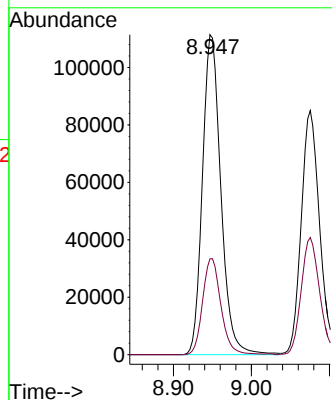
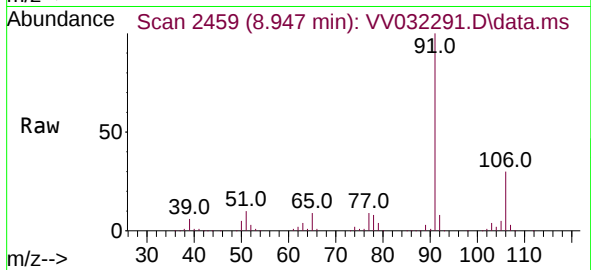




#52
Ethylbenzene
Concen: 4.481 ug/L
RT: 8.947 min Scan# 2460
Delta R.T. -0.003 min
Lab File: VV032291.D
Acq: 06 Oct 2023 10:27

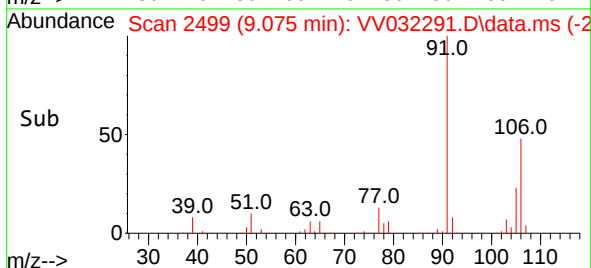
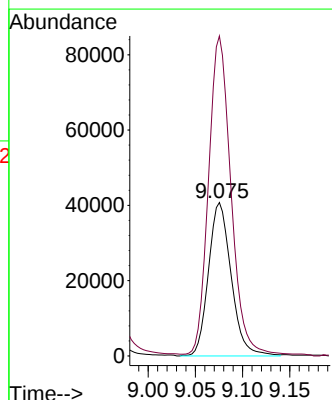
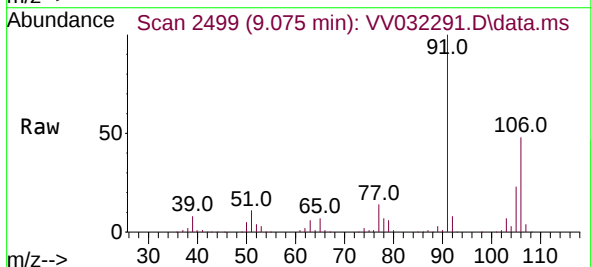
Instrument :
MSVOA_V
ClientSampleId :

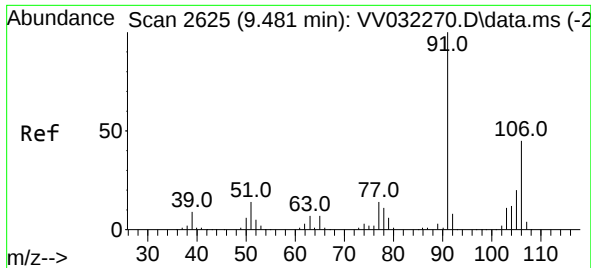
Tgt Ion: 91 Resp: 183043
Ion Ratio Lower Upper
91 100
106 30.0 21.3 39.5



#53
m,p-Xylene
Concen: 4.498 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.000 min
Lab File: VV032291.D
Acq: 06 Oct 2023 10:27

Tgt Ion:106 Resp: 68137
Ion Ratio Lower Upper
106 100
91 208.5 144.5 268.3

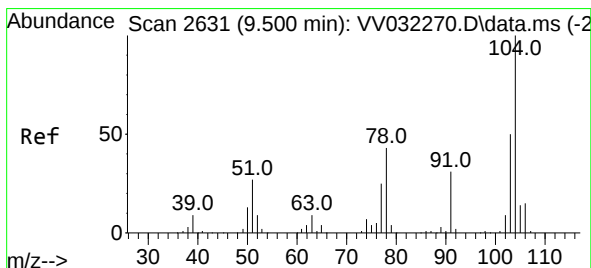
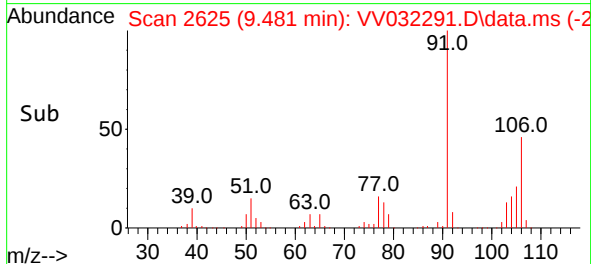
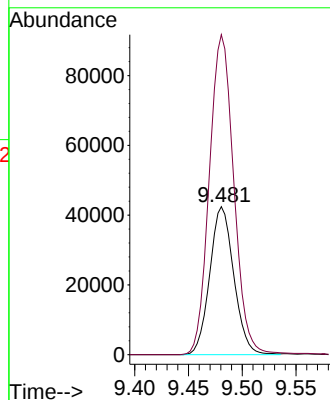
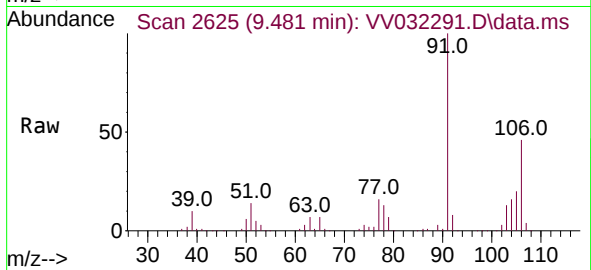




#54
o-Xylene
Concen: 4.525 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032291.D
Acq: 06 Oct 2023 10:27

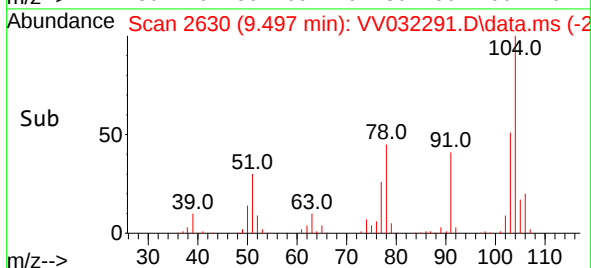
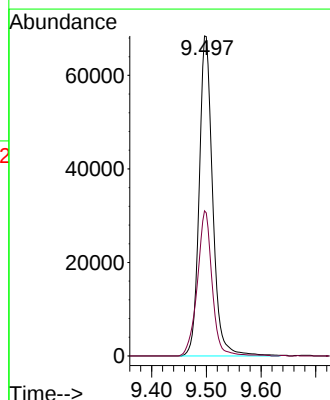
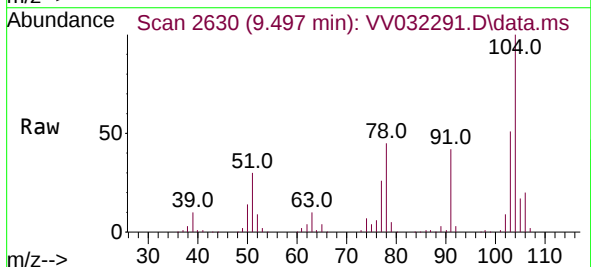
Instrument :
MSVOA_V
ClientSampleId :

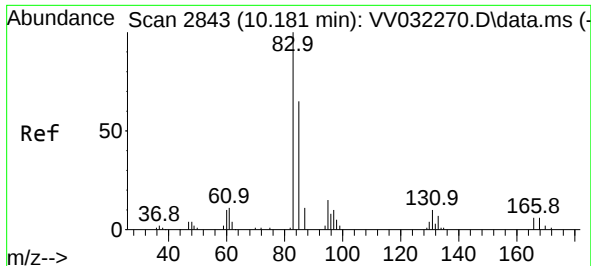
Tgt Ion:106 Resp: 66053
Ion Ratio Lower Upper
106 100
91 216.2 154.8 287.4



#55
Styrene
Concen: 4.757 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. -0.003 min
Lab File: VV032291.D
Acq: 06 Oct 2023 10:27

Tgt Ion:104 Resp: 117276
Ion Ratio Lower Upper
104 100
78 45.3 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 4.461 ug/L

RT: 10.181 min Scan# 2843

Delta R.T. 0.000 min

Lab File: VV032291.D

Acq: 06 Oct 2023 10:27

Instrument :

MSVOA_V

ClientSampleId :

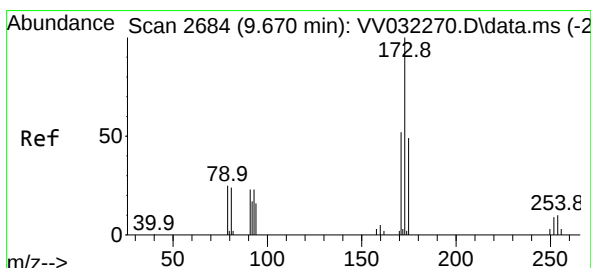
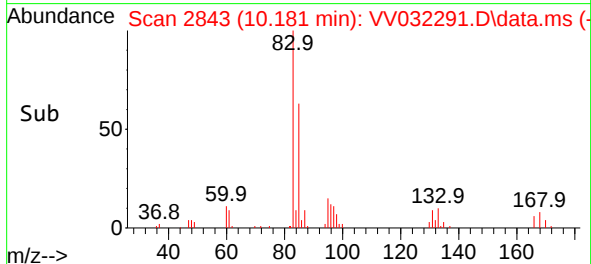
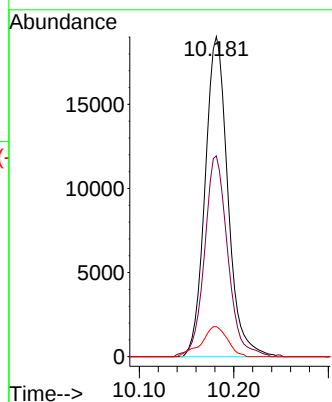
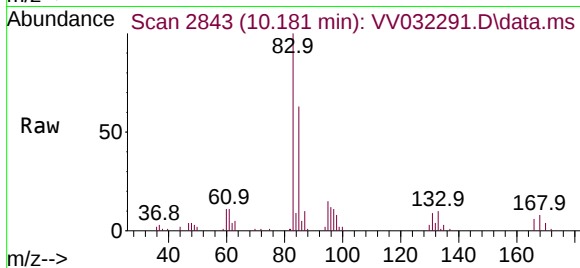
Tgt Ion: 83 Resp: 31866

Ion Ratio Lower Upper

83 100

85 62.7 43.6 81.0

131 9.4 7.0 10.6



#59

Bromoform

Concen: 4.321 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. -0.003 min

Lab File: VV032291.D

Acq: 06 Oct 2023 10:27

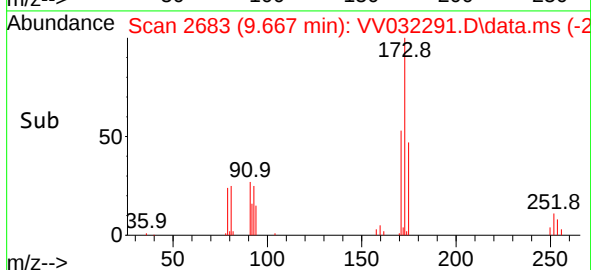
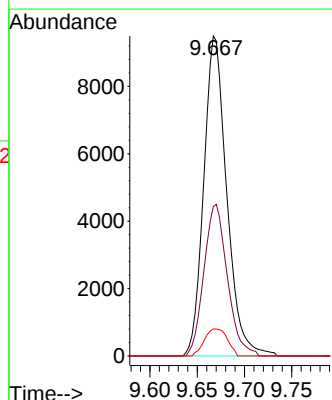
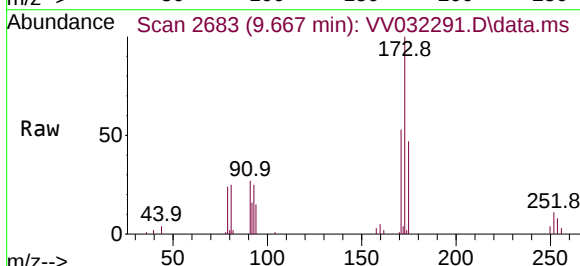
Tgt Ion: 173 Resp: 16060

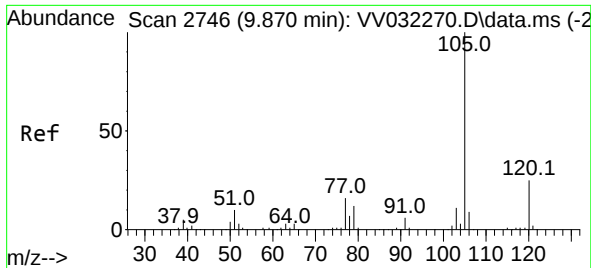
Ion Ratio Lower Upper

173 100

175 48.3 38.2 57.2

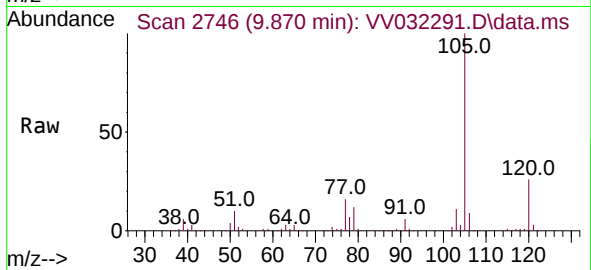
254 8.4 7.0 10.4



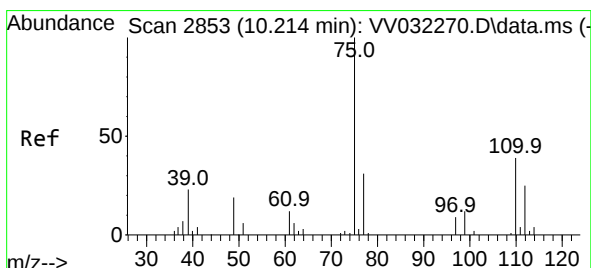
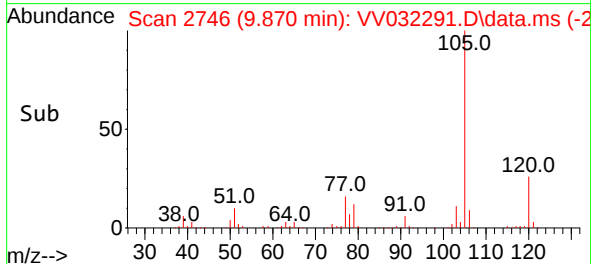
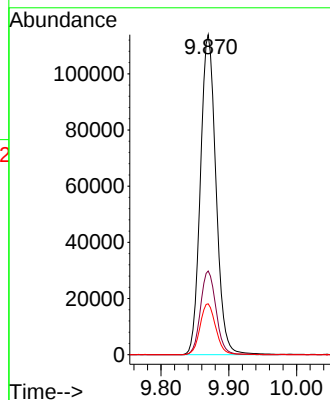


#60
Isopropylbenzene
Concen: 4.572 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032291.D
Acq: 06 Oct 2023 10:27

Instrument :
MSVOA_V
ClientSampleId :

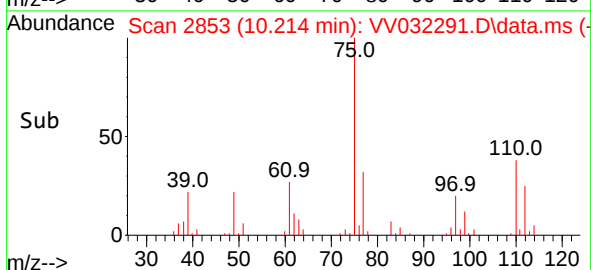
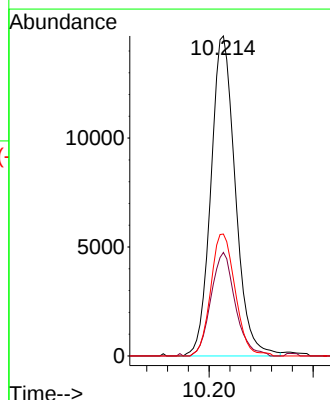
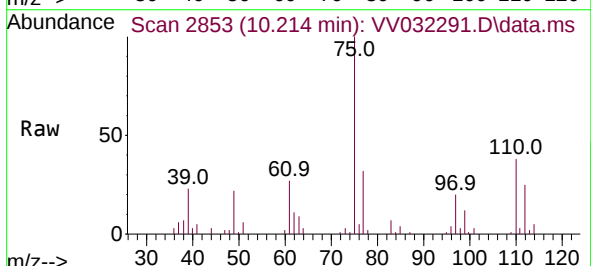


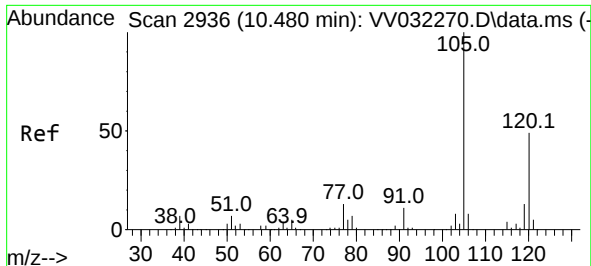
Tgt Ion:105 Resp: 181632
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.6
77 16.1 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.410 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV032291.D
Acq: 06 Oct 2023 10:27

Tgt Ion: 75 Resp: 23992
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.2
110 38.1 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 4.473 ug/L

RT: 10.481 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VV032291.D

Acq: 06 Oct 2023 10:27

Instrument :

MSVOA_V

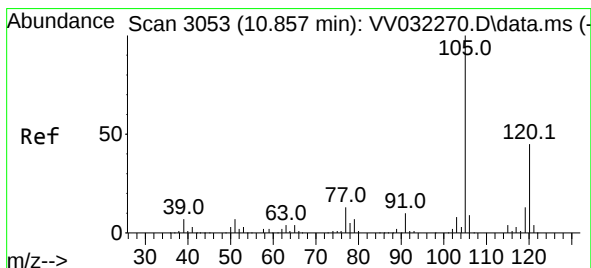
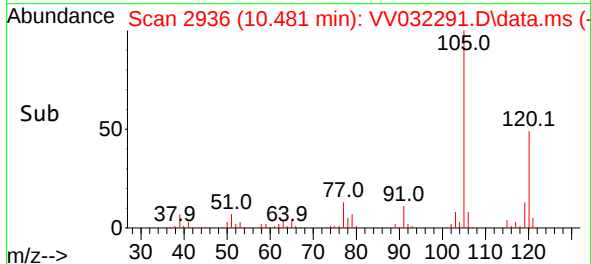
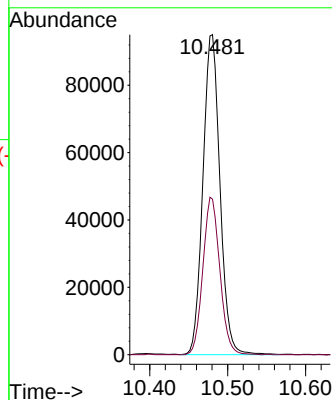
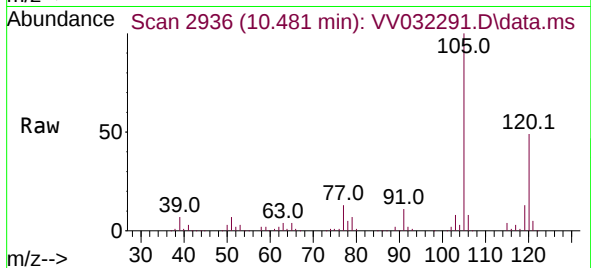
ClientSampleId :

Tgt Ion:105 Resp: 144809

Ion Ratio Lower Upper

105 100

120 48.9 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 4.551 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. -0.003 min

Lab File: VV032291.D

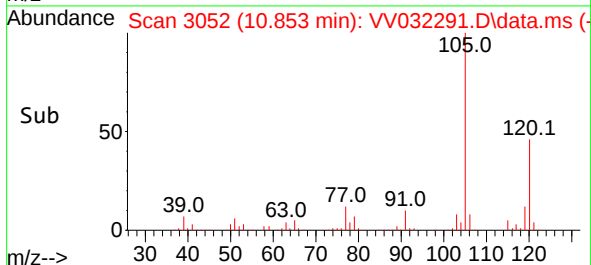
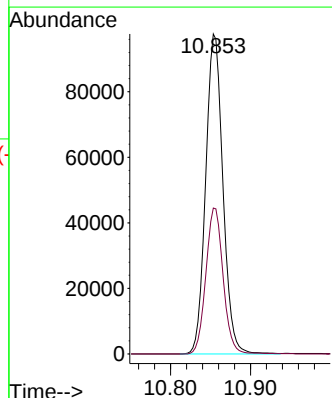
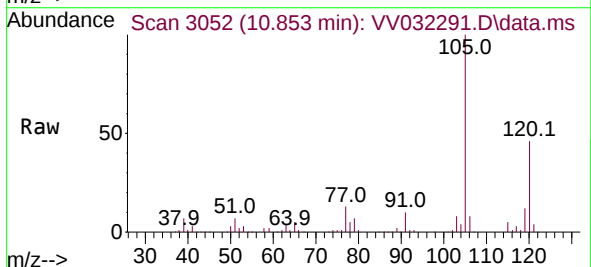
Acq: 06 Oct 2023 10:27

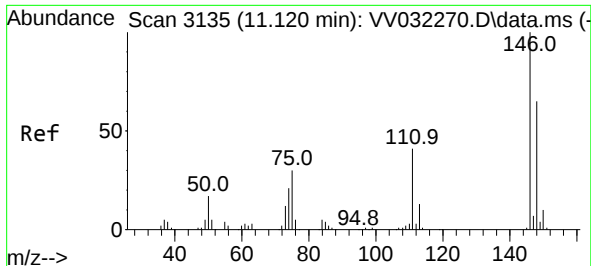
Tgt Ion:105 Resp: 146692

Ion Ratio Lower Upper

105 100

120 45.7 36.2 54.4

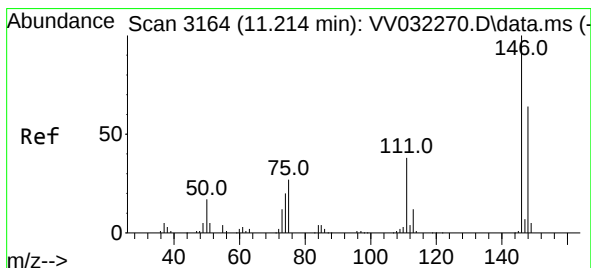
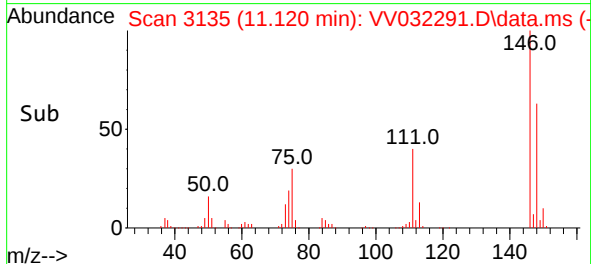
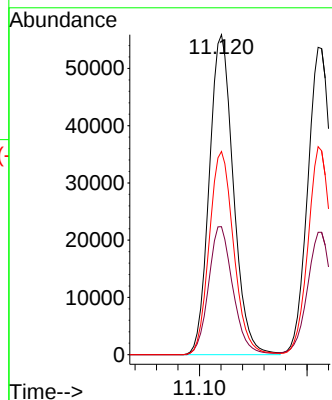
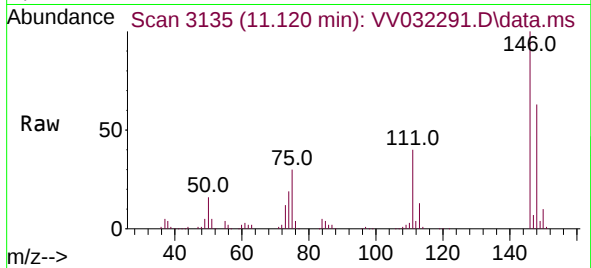




#64
 1,3-Dichlorobenzene
 Concen: 4.586 ug/L
 RT: 11.120 min Scan# 3135
 Delta R.T. 0.000 min
 Lab File: VV032291.D
 Acq: 06 Oct 2023 10:27

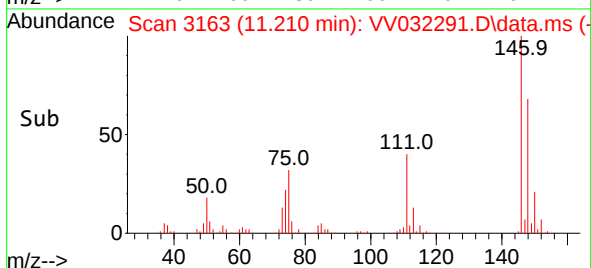
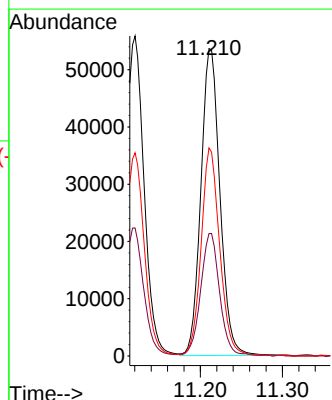
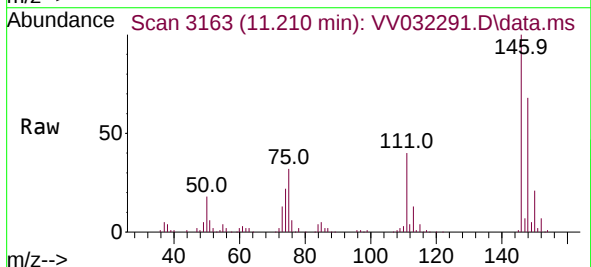
Instrument :
 MSVOA_V
 ClientSampleId :

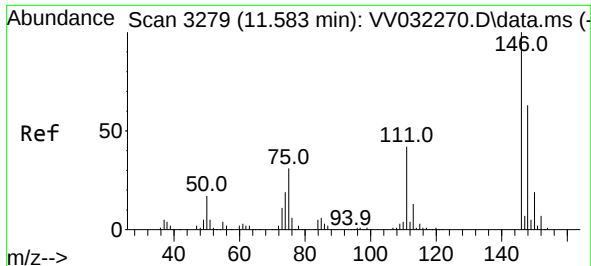
Tgt Ion:146 Resp: 87023
 Ion Ratio Lower Upper
 146 100
 111 40.0 27.8 51.6
 148 63.5 43.7 81.1



#65
 1,4-Dichlorobenzene
 Concen: 4.538 ug/L
 RT: 11.210 min Scan# 3163
 Delta R.T. -0.003 min
 Lab File: VV032291.D
 Acq: 06 Oct 2023 10:27

Tgt Ion:146 Resp: 86399
 Ion Ratio Lower Upper
 146 100
 111 39.8 26.9 49.9
 148 67.7 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 4.605 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032291.D

Acq: 06 Oct 2023 10:27

Instrument :

MSVOA_V

ClientSampleId :

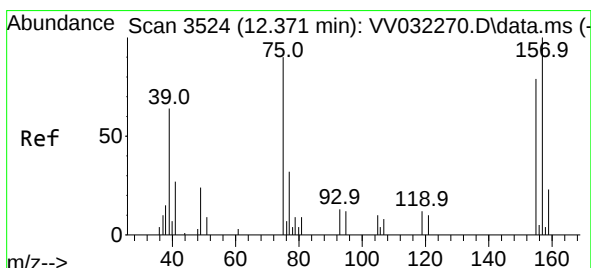
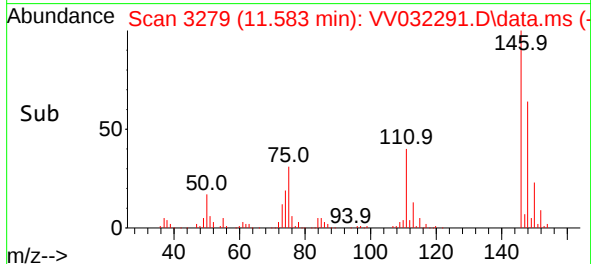
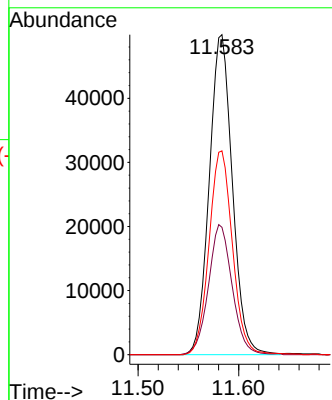
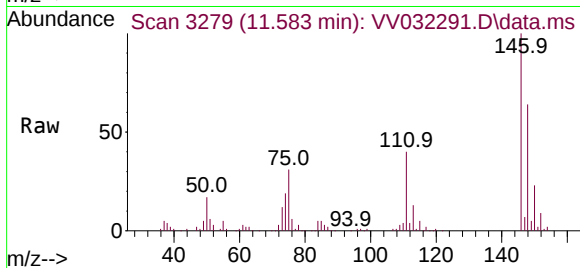
Tgt Ion:146 Resp: 79697

Ion Ratio Lower Upper

146 100

111 39.8 32.8 49.2

148 63.7 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.180 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. -0.003 min

Lab File: VV032291.D

Acq: 06 Oct 2023 10:27

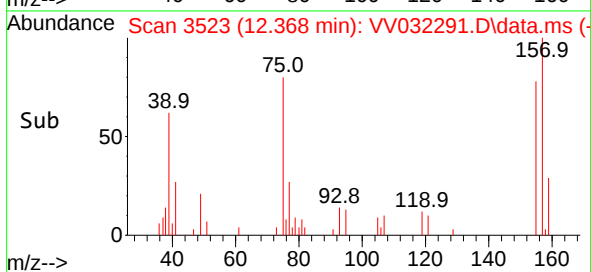
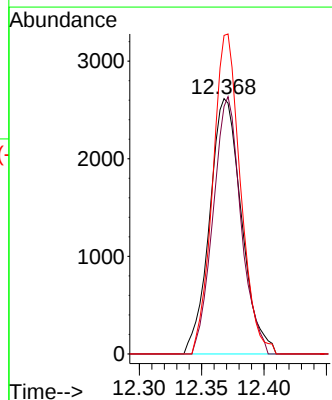
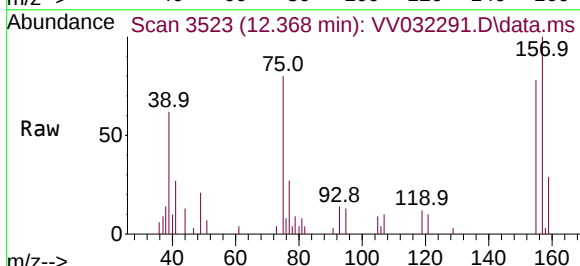
Tgt Ion: 75 Resp: 4646

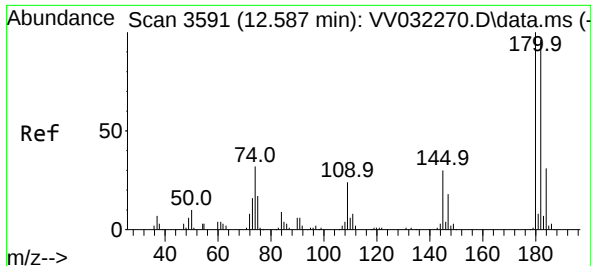
Ion Ratio Lower Upper

75 100

155 96.9 70.2 105.4

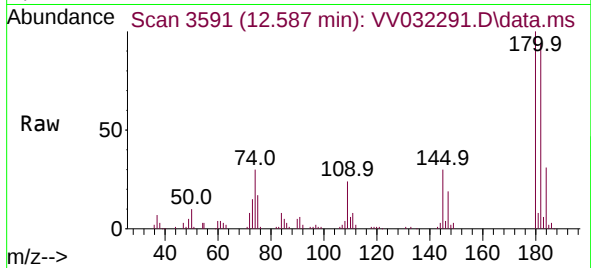
157 124.8 90.6 135.8



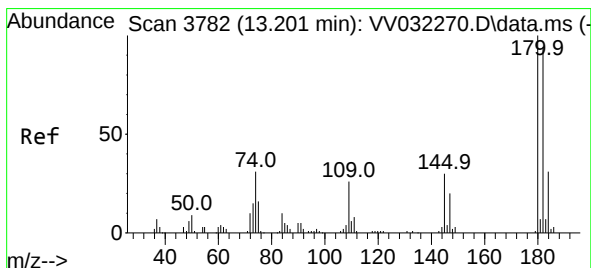
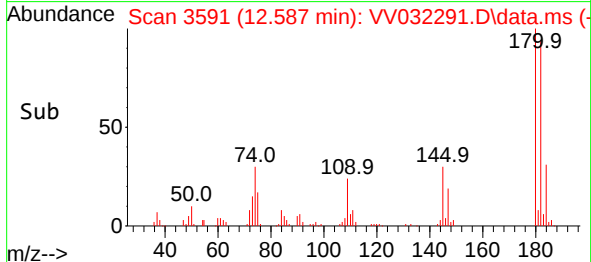
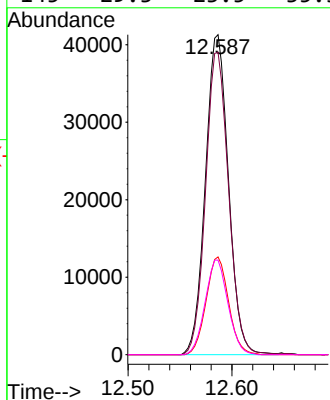


#69
1,3,5-Trichlorobenzene
Concen: 4.584 ug/L
RT: 12.587 min Scan# 3591
Delta R.T. 0.000 min
Lab File: VV032291.D
Acq: 06 Oct 2023 10:27

Instrument :
MSVOA_V
ClientSampleId :

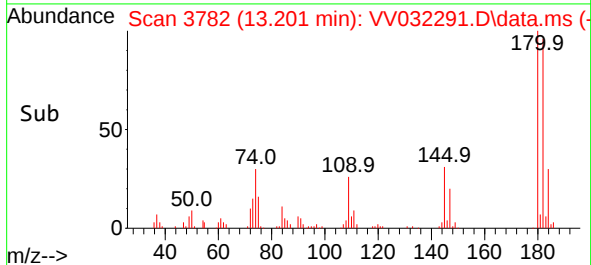
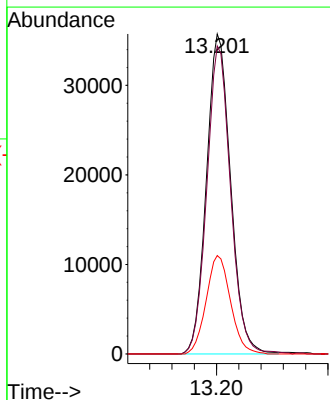
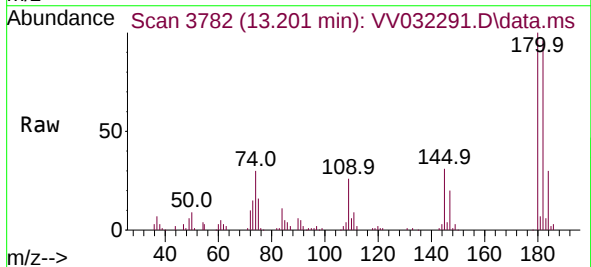


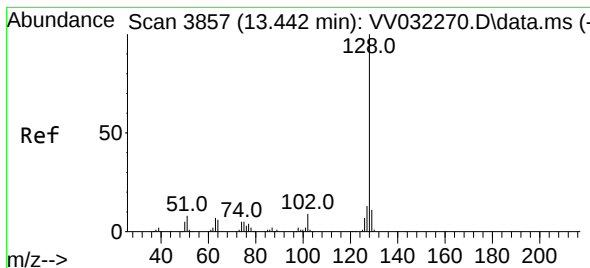
Tgt Ion:180 Resp: 63708
Ion Ratio Lower Upper
180 100
182 94.3 74.6 112.0
184 29.8 24.1 36.1
145 29.3 23.5 35.3



#70
1,2,4-trichlorobenzene
Concen: 4.366 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.000 min
Lab File: VV032291.D
Acq: 06 Oct 2023 10:27

Tgt Ion:180 Resp: 53824
Ion Ratio Lower Upper
180 100
182 94.8 76.5 114.7
145 31.0 24.3 36.5





#71

Naphthalene

Concen: 4.070 ug/L

RT: 13.445 min Scan# 3857

Delta R.T. 0.003 min

Lab File: VV032291.D

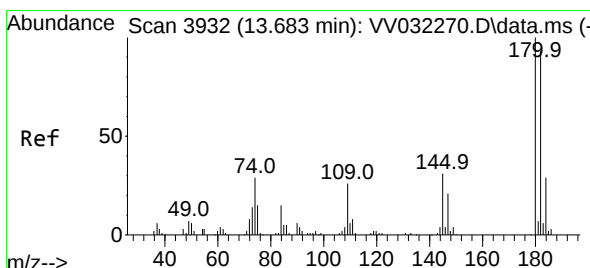
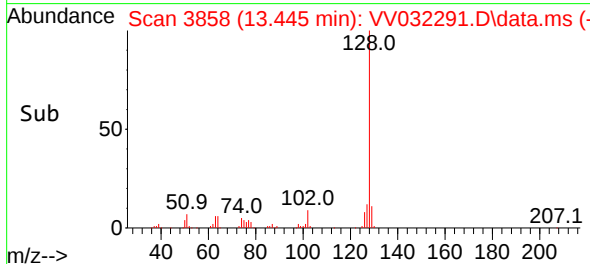
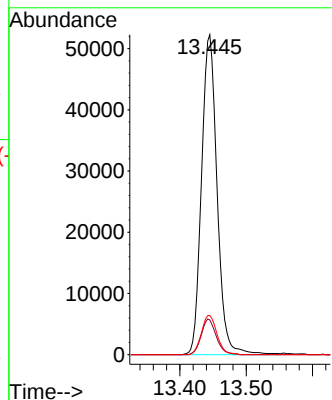
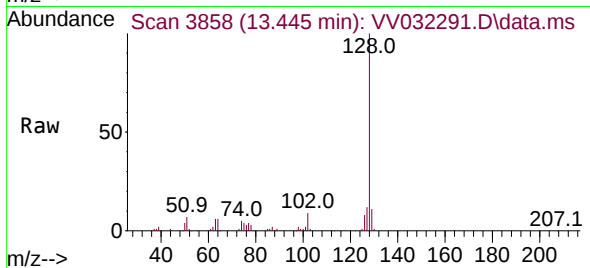
Acq: 06 Oct 2023 10:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	85229
Ion	Ratio	Lower Upper
128	100	
129	10.7	9.0 13.4
127	12.3	10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 4.488 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.000 min

Lab File: VV032291.D

Acq: 06 Oct 2023 10:27

Tgt Ion:180	Resp:	47670
Ion	Ratio	Lower Upper
180	100	
182	95.3	77.0 115.4
145	32.9	25.7 38.5

