

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110821\
 Data File : VW023291.D
 Acq On : 08 Nov 2021 20:05
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 09 05:18:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 05:13:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	126719	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	125083	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71313	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33635	4.237	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.565	69	30023	4.640	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.108	63	68762	4.627	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.600%
20) 2-Butanone-d5	3.889	46	94123	68.821	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	137.640%#
24) Chloroform-d	4.349	84	83958	4.963	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.037	65	38129	5.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.053	84	157704	4.914	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.069	67	47485	5.026	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.317	98	145157	4.827	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	7.625	79	17725	4.948	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.000%
46) 2-Hexanone-d5	8.088	63	73047	55.421	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.840%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36024	5.302	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	55856	4.704	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	63429	5.133	ug/L	98
3) Chloromethane	1.240	50	57038	5.429	ug/L	98
5) Vinyl chloride	1.307	62	56946	5.427	ug/L	98
6) Bromomethane	1.520	94	30736	4.583	ug/L	100
8) Chloroethane	1.584	64	33022	5.454	ug/L	99
9) Trichlorofluoromethane	1.751	101	83212	5.278	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	42068	5.301	ug/L	98
12) 1,1-Dichloroethene	2.118	96	40723	5.389	ug/L	86
13) Acetone	2.179	43	55994	67.004	ug/L	89
14) Carbon disulfide	2.294	76	144436	5.065	ug/L	99
15) Methyl Acetate	2.439	43	15924	6.733	ug/L	94
16) Methylene chloride	2.507	84	52963	4.803	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	86585	5.205	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	48382	5.208	ug/L	98
19) 1,1-Dichloroethane	3.188	63	83692	5.336	ug/L	98
21) 2-Butanone	3.976	43	90332	66.859	ug/L	99
22) cis-1,2-Dichloroethene	3.912	96	49295	5.514	ug/L #	88
23) Bromochloromethane	4.249	128	22760	5.521	ug/L #	81
25) Chloroform	4.375	83	89478	5.352	ug/L	97

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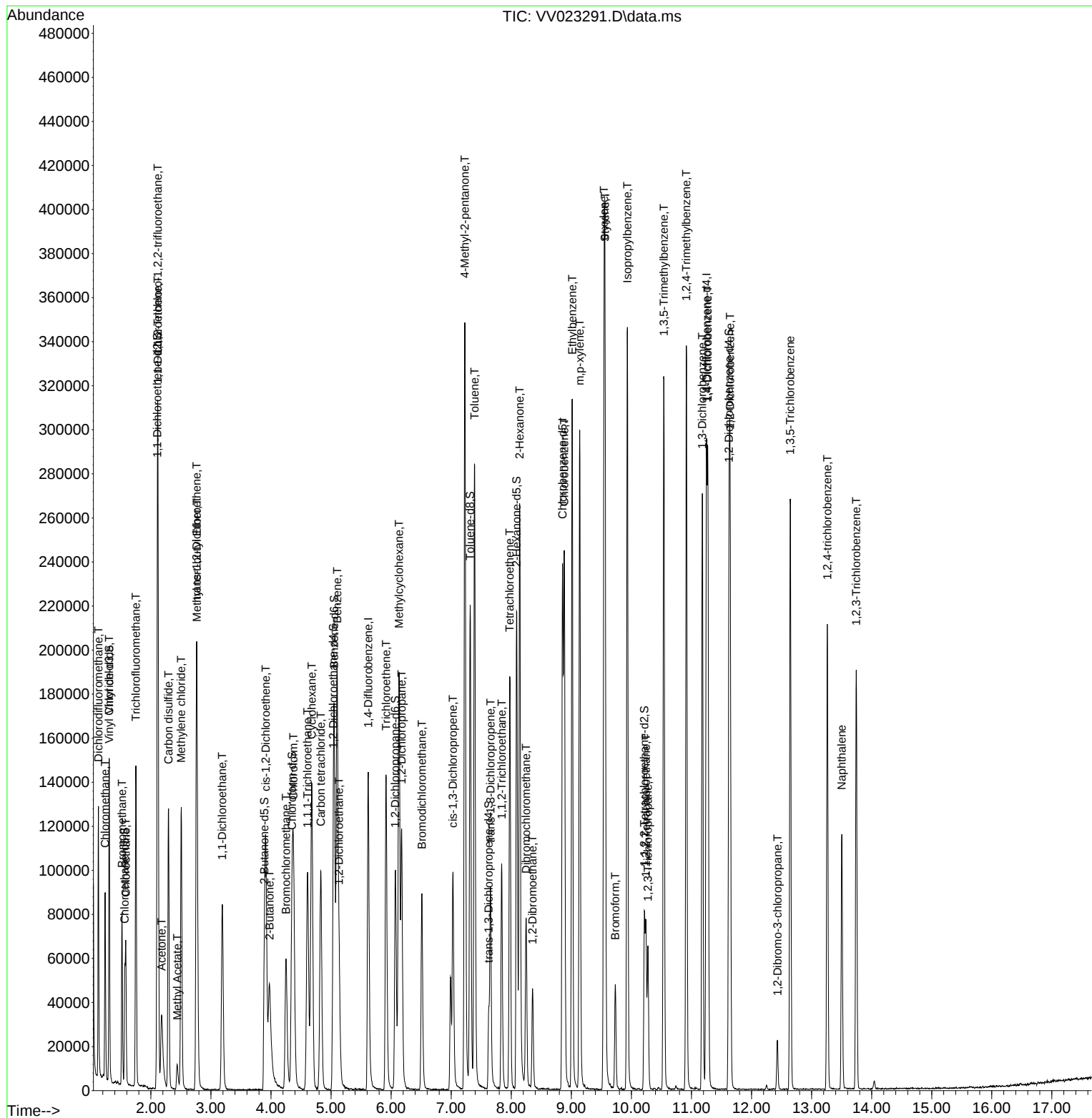
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	49342	5.549	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	80633	5.308	ug/L	100
30) Cyclohexane	4.680	56	70922	5.210	ug/L	98
31) Carbon tetrachloride	4.828	117	73798	5.409	ug/L	96
33) Benzene	5.101	78	191264	5.471	ug/L	100
34) Trichloroethene	5.915	95	49426	5.316	ug/L	99
35) Methylcyclohexane	6.133	83	73436	5.004	ug/L	96
37) 1,2-Dichloropropane	6.175	63	46816	5.736	ug/L	97
38) Bromodichloromethane	6.513	83	59190	5.412	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	60364	5.142	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	223420	59.022	ug/L	99
42) Toluene	7.387	91	209635	5.606	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	51914	5.330	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	30963	5.280	ug/L	95
47) Tetrachloroethene	7.976	164	42819	5.314	ug/L	98
48) 2-Hexanone	8.140	43	161877	61.029	ug/L	98
49) Dibromochloromethane	8.246	129	40009	5.384	ug/L	100
50) 1,2-Dibromoethane	8.355	107	29824	5.488	ug/L #	99
51) Chlorobenzene	8.883	112	134141	5.397	ug/L	100
52) Ethylbenzene	9.014	91	210848	5.346	ug/L	99
53) m,p-xylene	9.140	106	85791	5.543	ug/L	97
54) o-xylene	9.545	106	78493	5.406	ug/L	96
55) Styrene	9.561	104	142087	5.712	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	34440	5.360	ug/L	94
59) Bromoform	9.731	173	21712	5.097	ug/L	99
60) Isopropylbenzene	9.934	105	215562	5.268	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	25092	5.297	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	173384	5.110	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	178174	5.276	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	109672	5.245	ug/L	95
65) 1,4-Dichlorobenzene	11.272	146	110845	5.191	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	96864	5.177	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.432	75	5328	5.279	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	81991	5.008	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	64410	4.913	ug/L	97
71) Naphthalene	13.503	128	91129	4.714	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	58669	5.115	ug/L	99

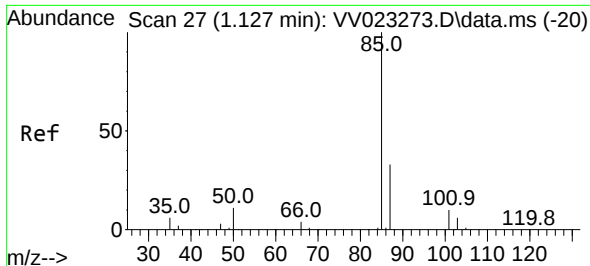
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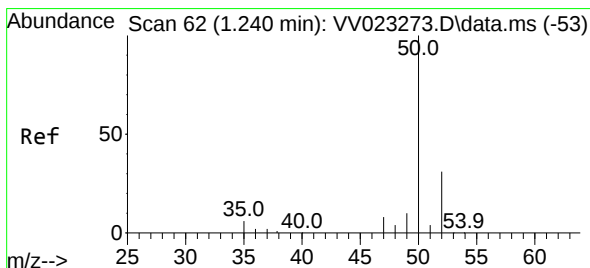
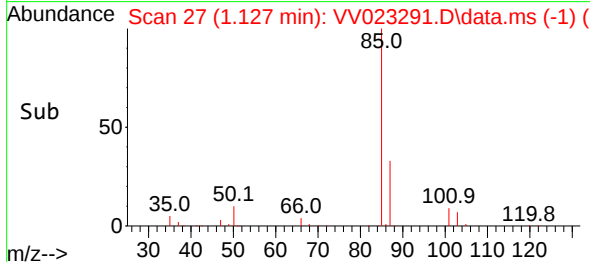
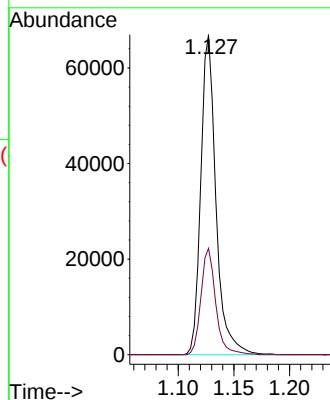
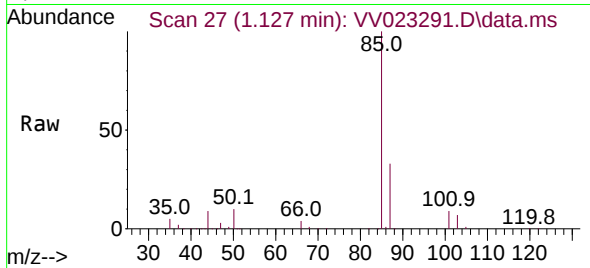




#2
 Dichlorodifluoromethane
 Concen: 5.133 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023291.D
 Acq: 08 Nov 2021 20:05

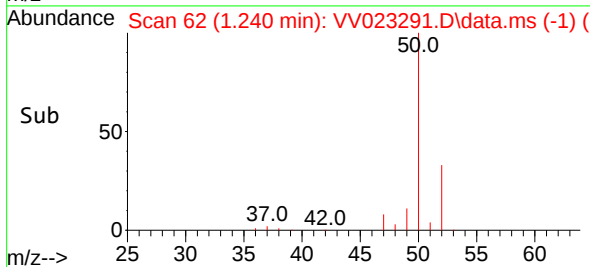
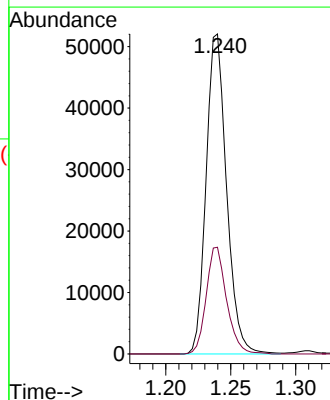
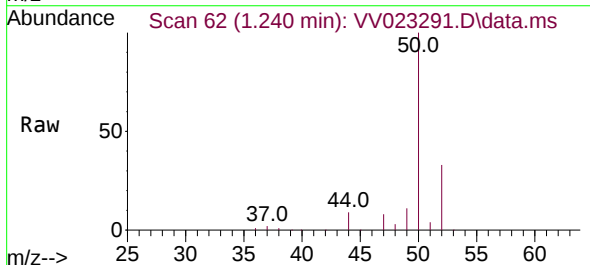
Instrument :
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 ClientSampleId :

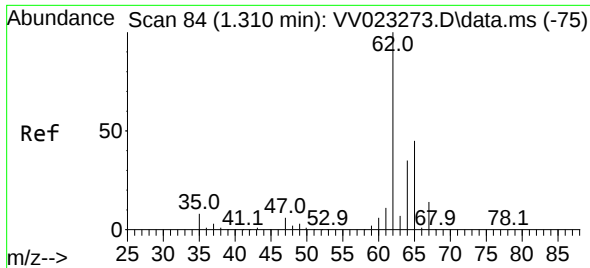
Tgt Ion: 85 Resp: 63429
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.6 39.8



#3
 Chloromethane
 Concen: 5.429 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023291.D
 Acq: 08 Nov 2021 20:05

Tgt Ion: 50 Resp: 57038
 Ion Ratio Lower Upper
 50 100
 52 33.3 24.3 45.1

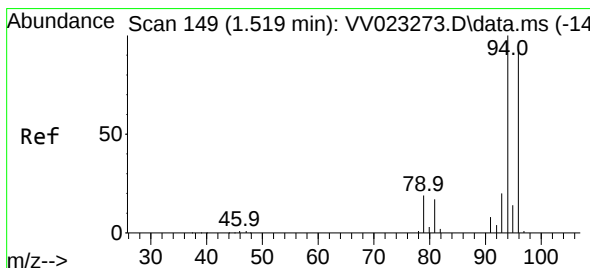
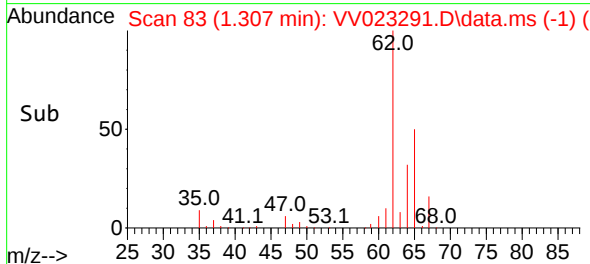
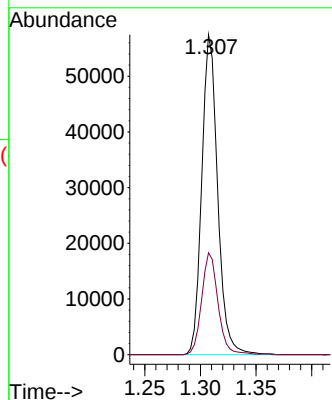
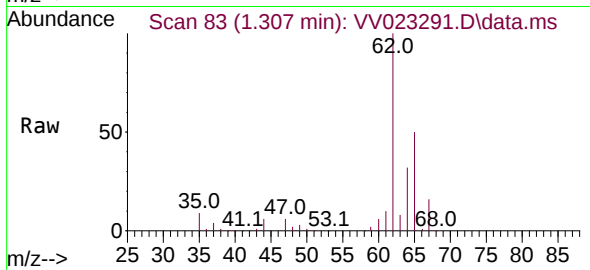




#5
 Vinyl chloride
 Concen: 5.427 ug/L
 RT: 1.307 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV023291.D
 Acq: 08 Nov 2021 20:05

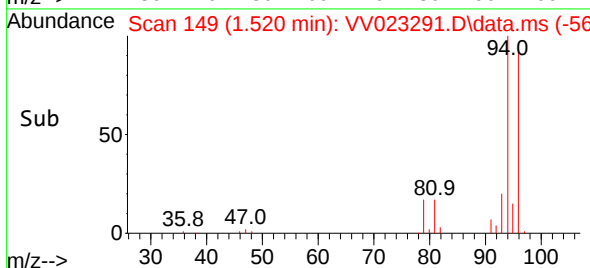
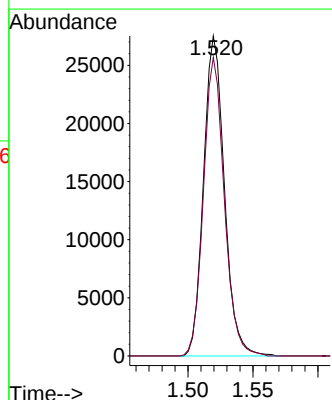
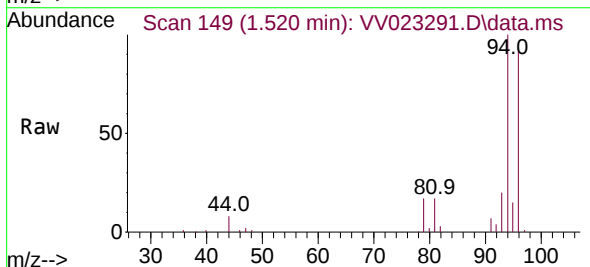
Instrument :
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 ClientSampleId :

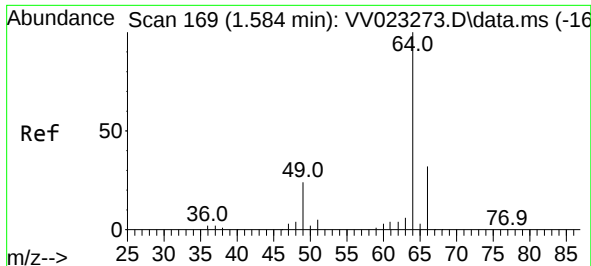
Tgt Ion: 62 Resp: 56946
 Ion Ratio Lower Upper
 62 100
 64 31.9 23.1 42.9



#6
 Bromomethane
 Concen: 4.583 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV023291.D
 Acq: 08 Nov 2021 20:05

Tgt Ion: 94 Resp: 30736
 Ion Ratio Lower Upper
 94 100
 96 93.3 65.0 120.8

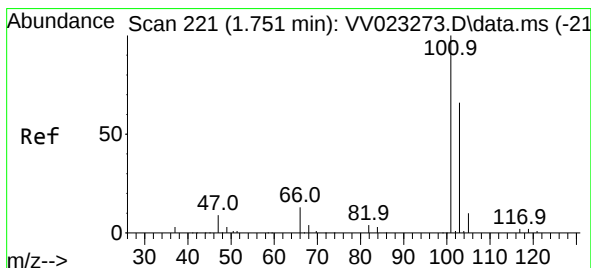
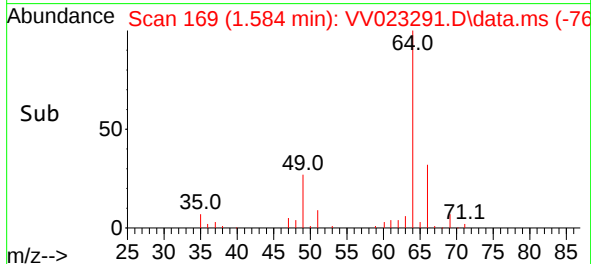
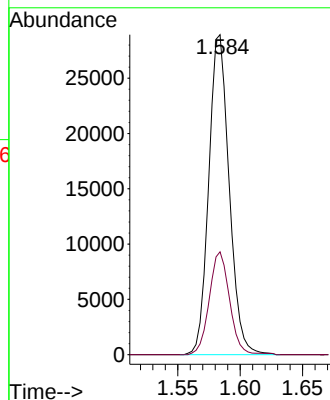
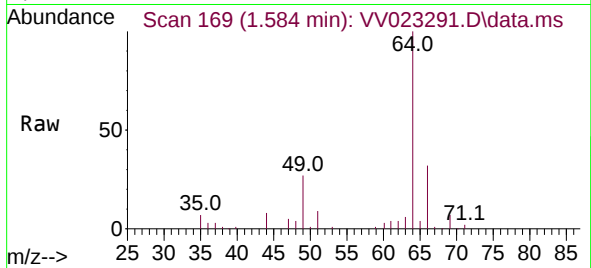




#8
Chloroethane
Concen: 5.454 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV023291.D
Acq: 08 Nov 2021 20:05

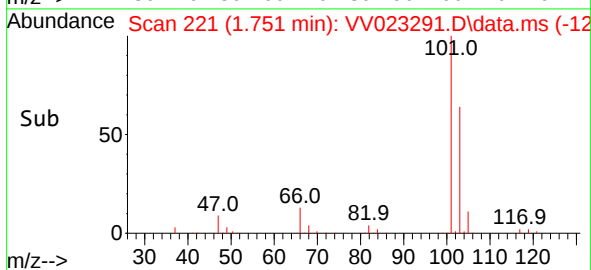
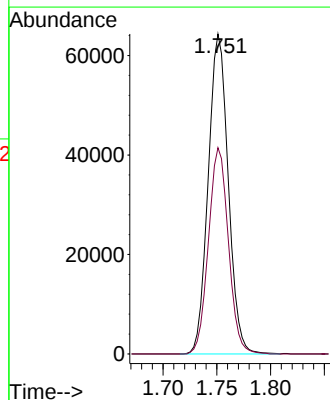
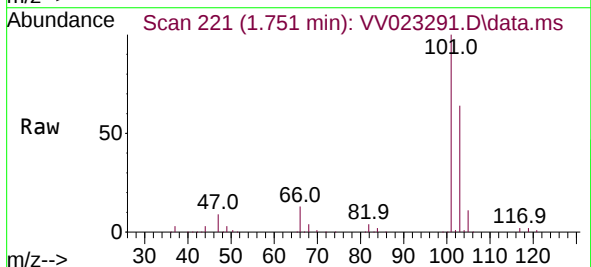
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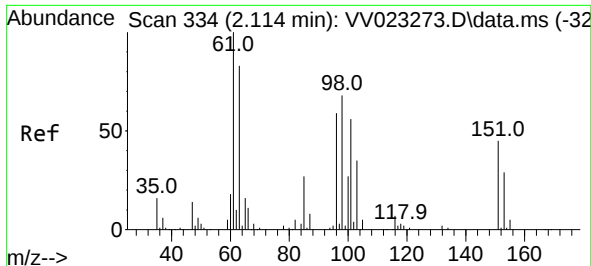
Tgt Ion: 64 Resp: 33022
Ion Ratio Lower Upper
64 100
66 32.2 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.278 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV023291.D
Acq: 08 Nov 2021 20:05

Tgt Ion:101 Resp: 83212
Ion Ratio Lower Upper
101 100
103 64.2 52.6 79.0

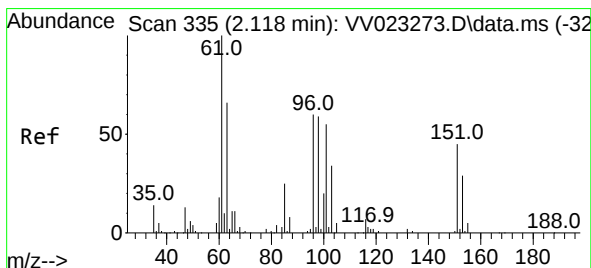
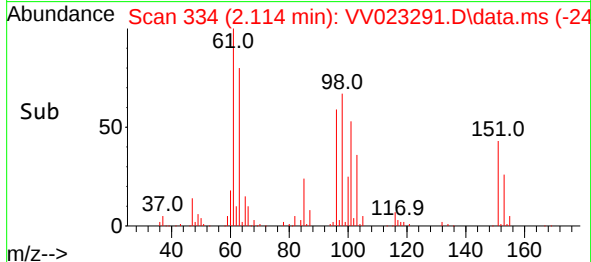
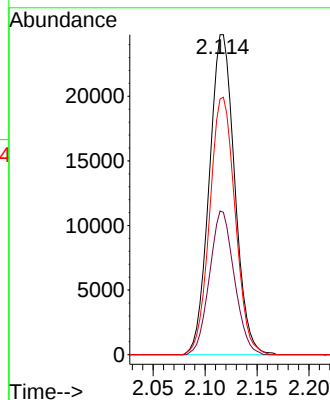
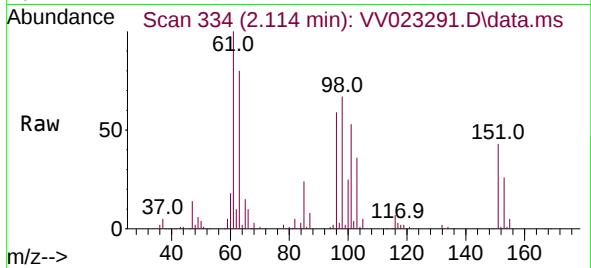




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.301 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV023291.D
 Acq: 08 Nov 2021 20:05

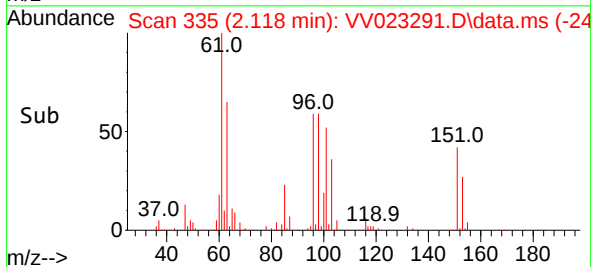
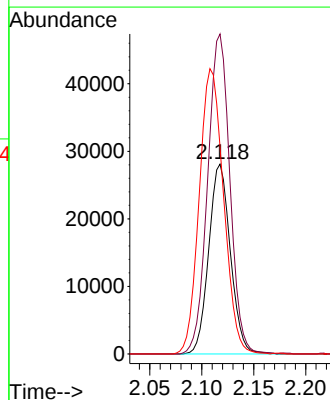
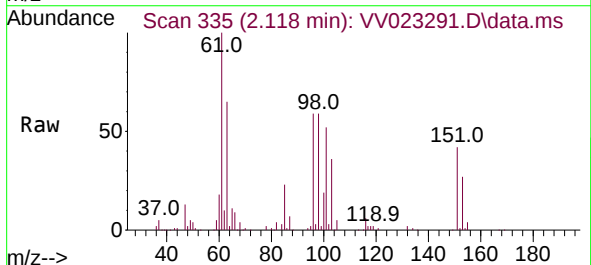
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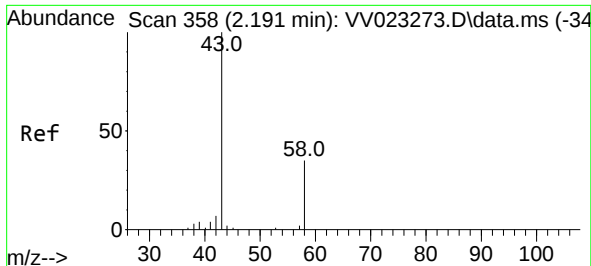
Tgt Ion:101 Resp: 42068
 Ion Ratio Lower Upper
 101 100
 85 43.8 35.3 52.9
 151 80.6 62.2 93.2



#12
 1,1-Dichloroethene
 Concen: 5.389 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV023291.D
 Acq: 08 Nov 2021 20:05

Tgt Ion: 96 Resp: 40723
 Ion Ratio Lower Upper
 96 100
 61 168.4 121.5 225.7
 63 109.0 99.6 185.0





#13

Acetone

Concen: 67.004 ug/L

RT: 2.179 min Scan# 3

Delta R.T. -0.013 min

Lab File: VV023291.D

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Instrument :

MSVOA_V

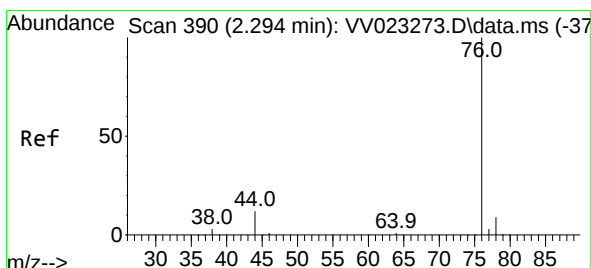
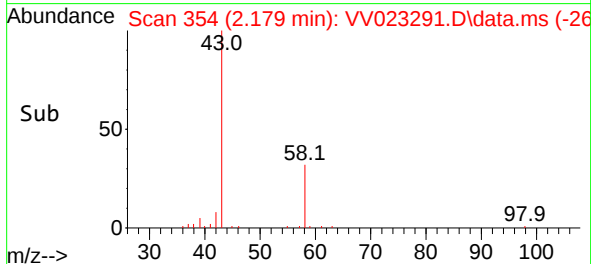
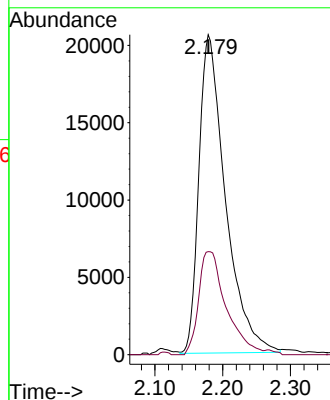
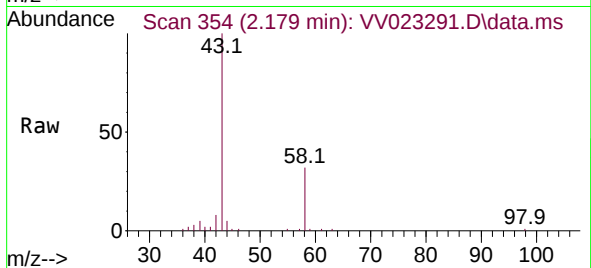
ClientSampleId :

Tgt Ion: 43 Resp: 55994

Ion Ratio Lower Upper

43 100

58 33.4 0.0 55.4



#14

Carbon disulfide

Concen: 5.065 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV023291.D

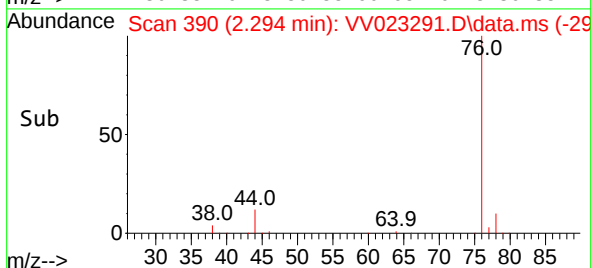
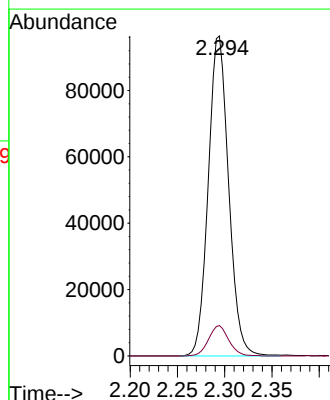
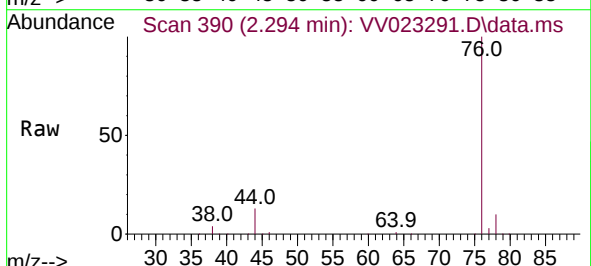
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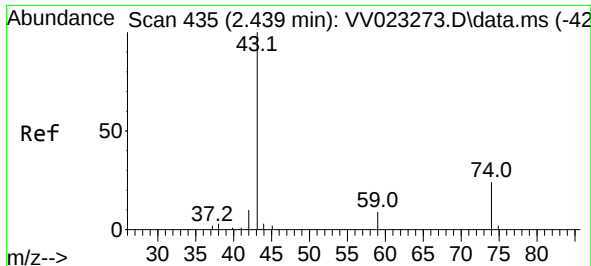
Tgt Ion: 76 Resp: 144436

Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8

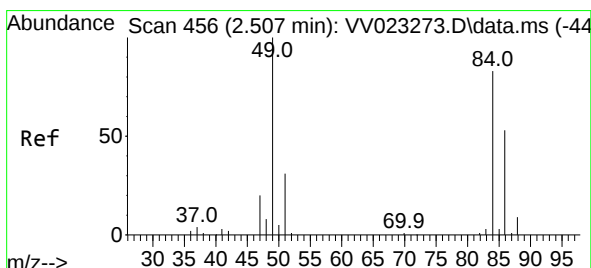
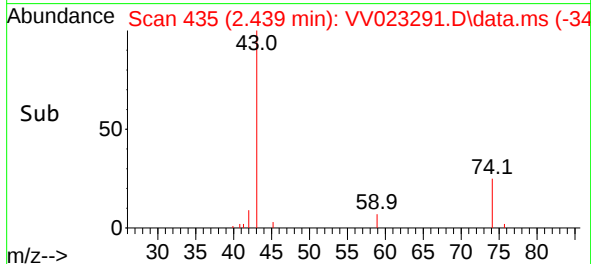
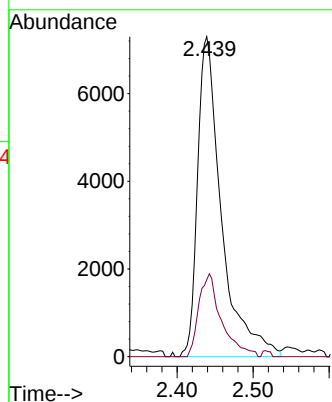
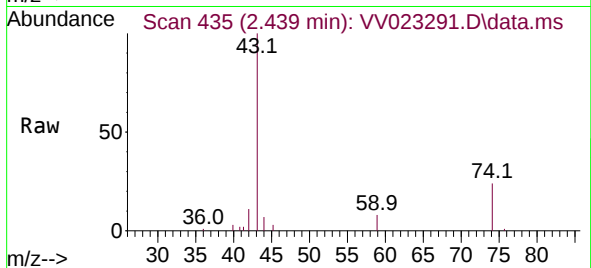




#15
Methyl Acetate
Concen: 6.733 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV023291.D
Acq: 08 Nov 2021 20:05

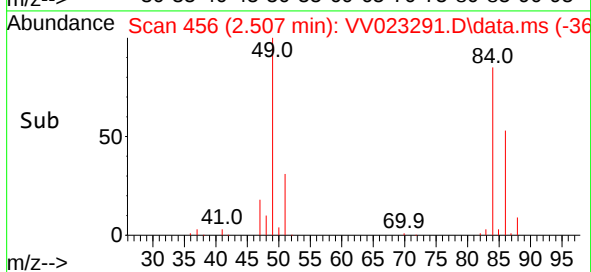
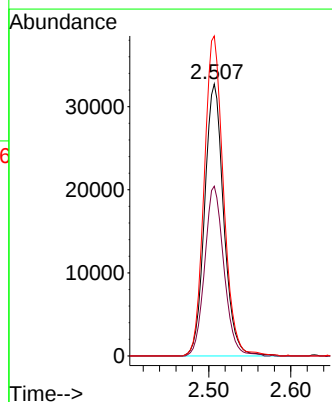
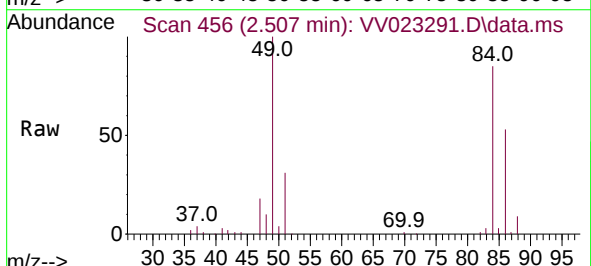
Instrument :
MSVOA_V
ClientSampleId :

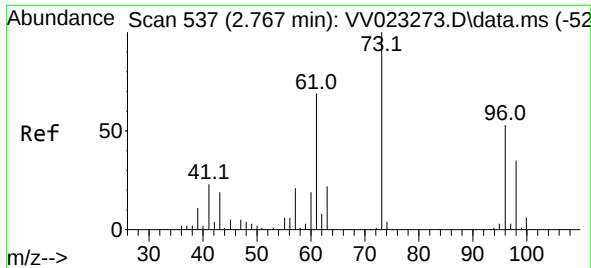
Tgt Ion: 43 Resp: 15924
Ion Ratio Lower Upper
43 100
74 24.5 22.2 33.2



#16
Methylene chloride
Concen: 4.803 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV023291.D
Acq: 08 Nov 2021 20:05

Tgt Ion: 84 Resp: 52963
Ion Ratio Lower Upper
84 100
86 62.4 42.3 78.5
49 117.6 79.7 148.1

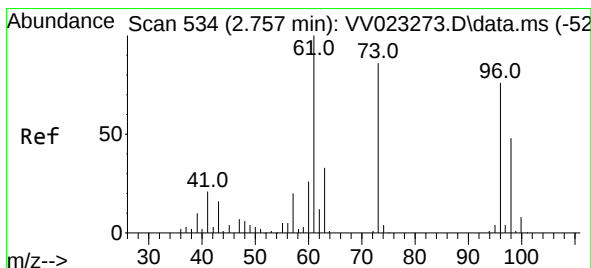
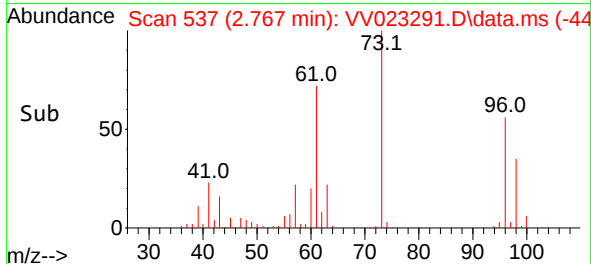
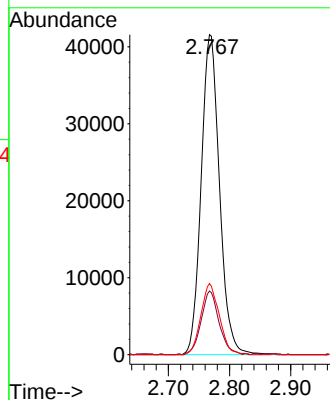
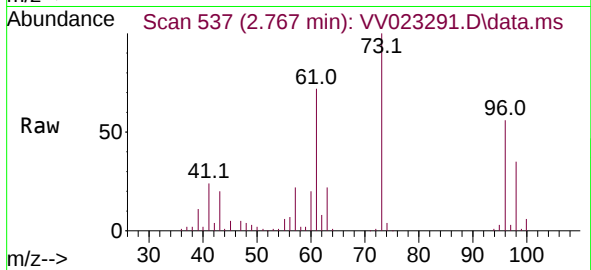




#17
Methyl tert-butyl Ether
Concen: 5.205 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV023291.D
Acq: 08 Nov 2021 20:05

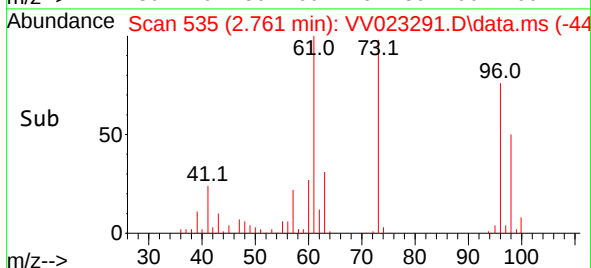
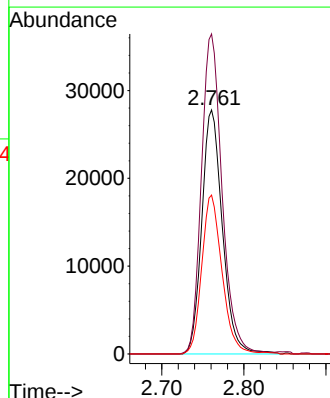
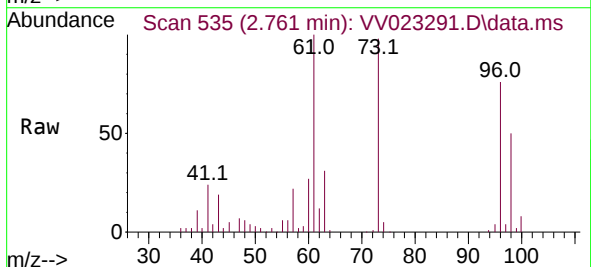
Instrument :
MSVOA_V
ClientSampleId :

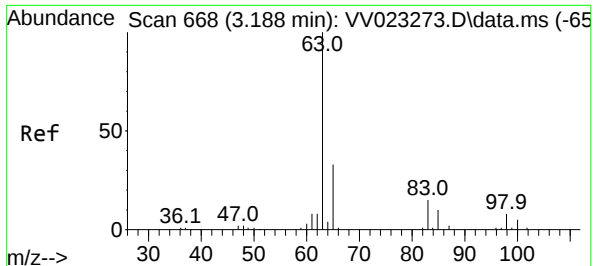
Tgt Ion: 73 Resp: 86585
Ion Ratio Lower Upper
73 100
43 19.6 17.4 26.0
57 22.2 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 5.208 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV023291.D
Acq: 08 Nov 2021 20:05

Tgt Ion: 96 Resp: 48382
Ion Ratio Lower Upper
96 100
61 131.2 93.2 173.2
98 65.1 47.0 87.2





#19

1,1-Dichloroethane

Concen: 5.336 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV023291.D

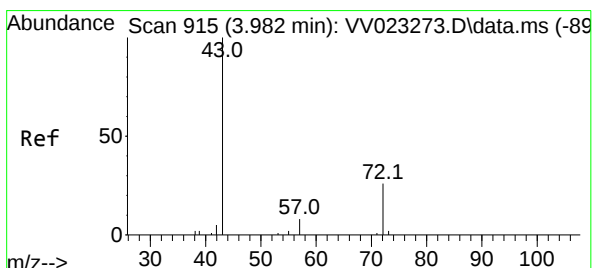
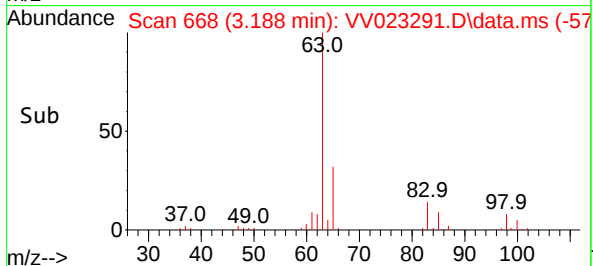
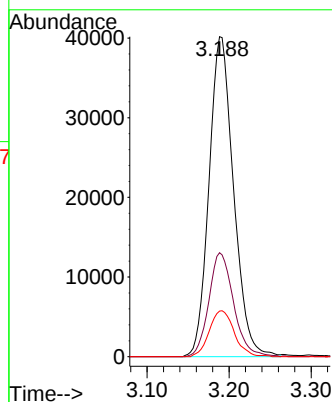
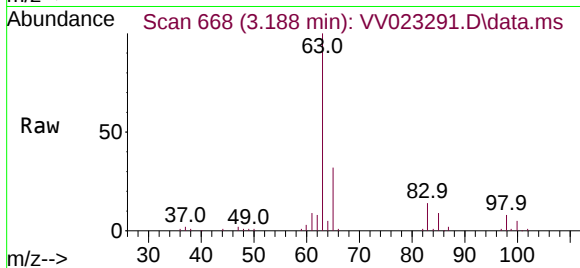
Acq: 08 Nov 2021 20:05

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	83692
Ion	Ratio	Lower	Upper
63	100		
65	32.5	22.6	42.0
83	14.2	11.1	20.7



#21

2-Butanone

Concen: 66.859 ug/L

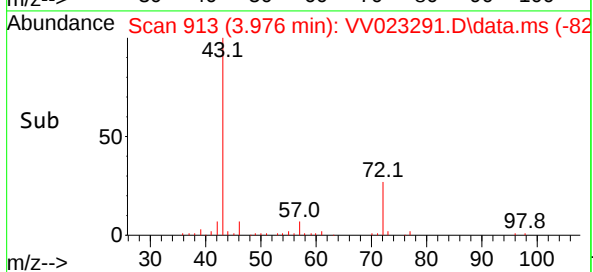
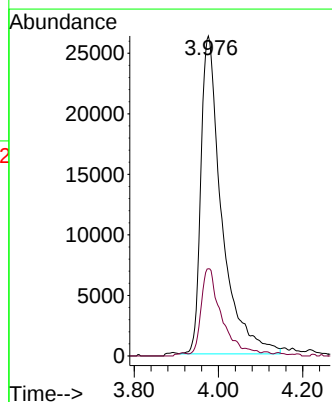
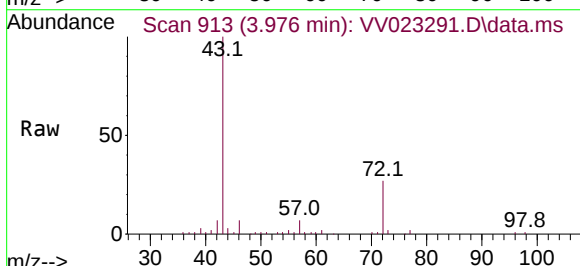
RT: 3.976 min Scan# 913

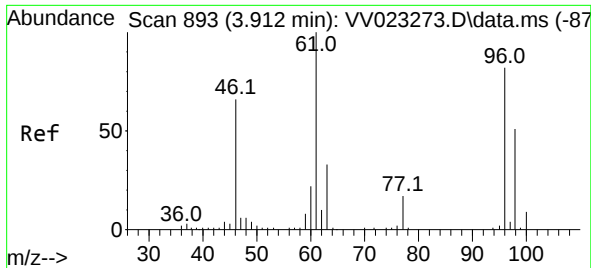
Delta R.T. -0.006 min

Lab File: VV023291.D

Acq: 08 Nov 2021 20:05

Tgt Ion:	43	Resp:	90332
Ion	Ratio	Lower	Upper
43	100		
72	24.6	11.9	35.9

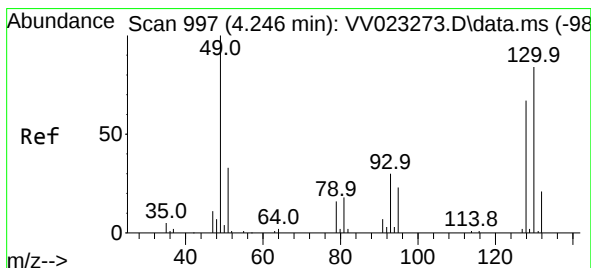
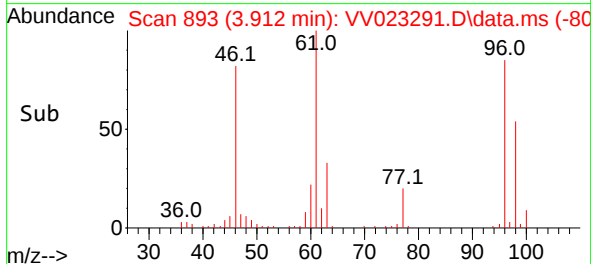
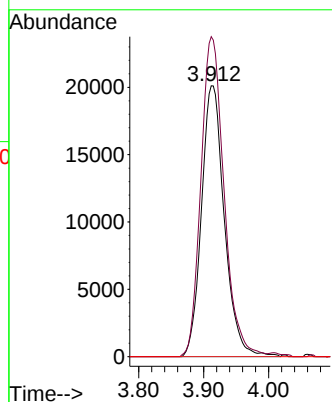
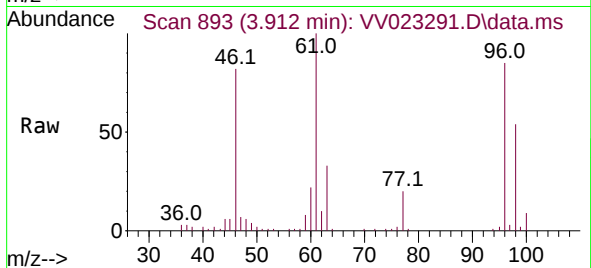




#22
 cis-1,2-Dichloroethene
 Concen: 5.514 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. 0.000 min
 Lab File: VV023291.D
 Acq: 08 Nov 2021 20:05

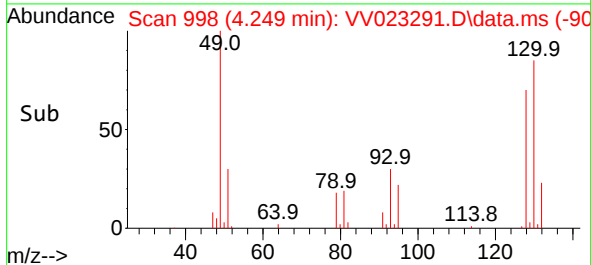
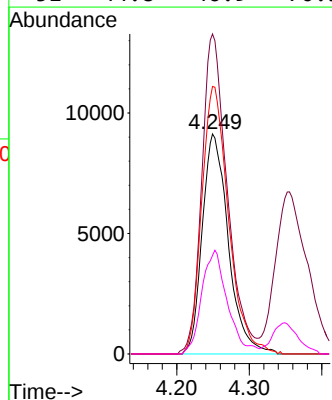
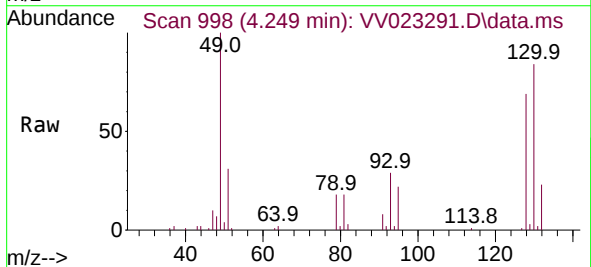
Instrument :
 MSVOA_V
 ClientSampleId :

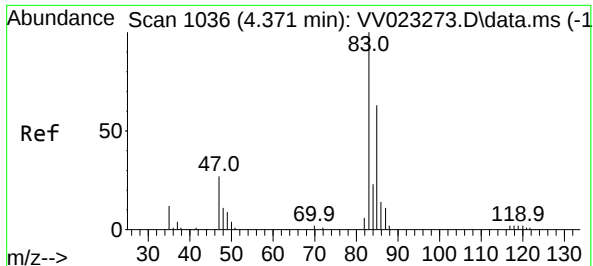
Tgt Ion: 96 Resp: 49295
 Ion Ratio Lower Upper
 96 100
 61 118.1 92.3 171.3
 68 0.0 0.4 0.8#



#23
 Bromochloromethane
 Concen: 5.521 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.003 min
 Lab File: VV023291.D
 Acq: 08 Nov 2021 20:05

Tgt Ion: 128 Resp: 22760
 Ion Ratio Lower Upper
 128 100
 49 145.5 126.1 234.3
 130 121.6 95.2 176.8
 51 44.8 46.9 70.3#





#25

Chloroform

Concen: 5.352 ug/L

RT: 4.375 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV023291.D

Acq: 08 Nov 2021 20:05

Instrument :

MSVOA_V

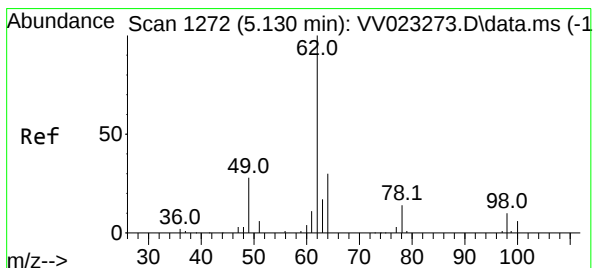
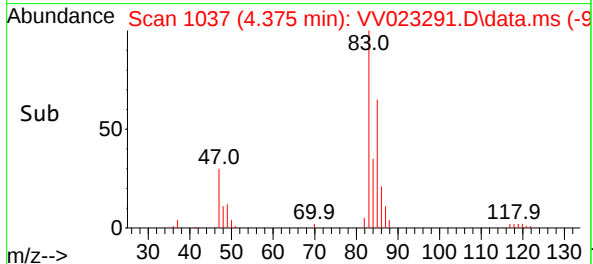
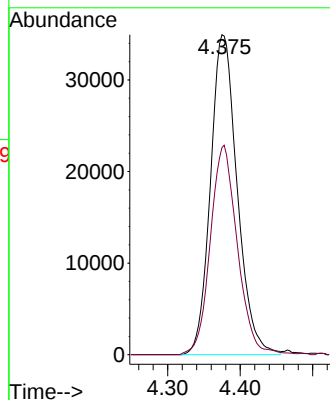
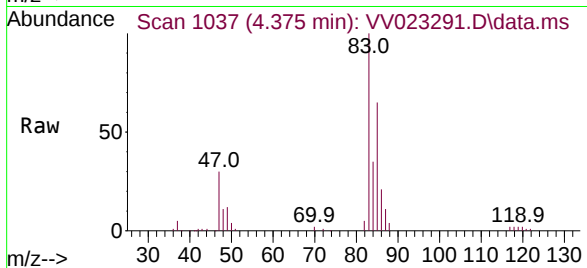
ClientSampleId :

Tgt Ion: 83 Resp: 89478

Ion Ratio Lower Upper

83 100

85 64.7 46.8 86.8



#27

1,2-Dichloroethane

Concen: 5.549 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VV023291.D

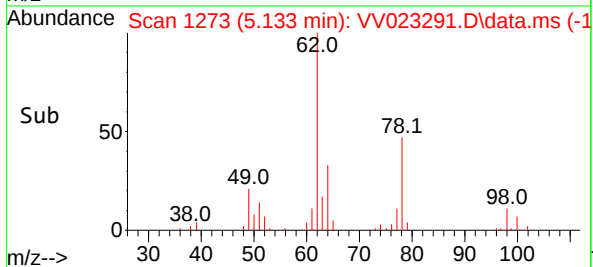
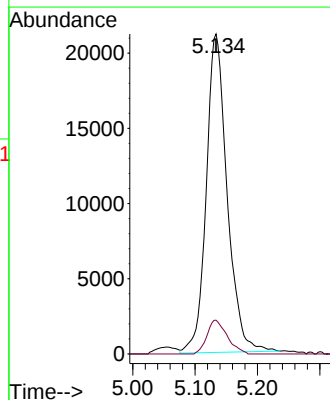
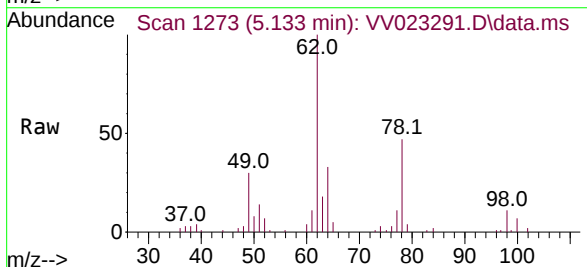
Acq: 08 Nov 2021 20:05

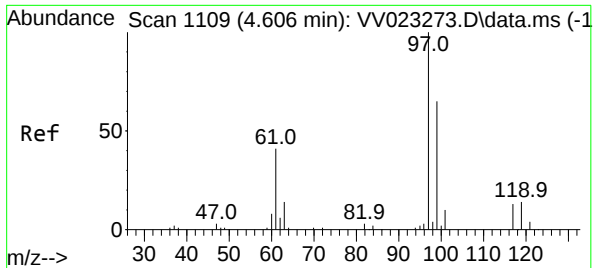
Tgt Ion: 62 Resp: 49342

Ion Ratio Lower Upper

62 100

98 10.6 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 5.308 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV023291.D

Acq: 08 Nov 2021 20:05

Instrument :

MSVOA_V

ClientSampleId :

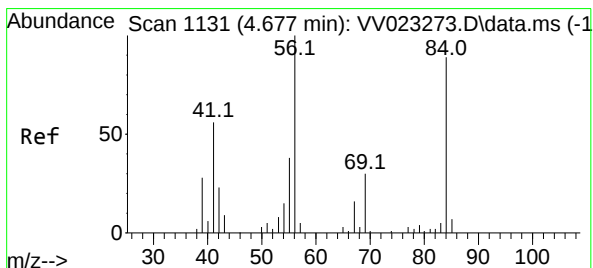
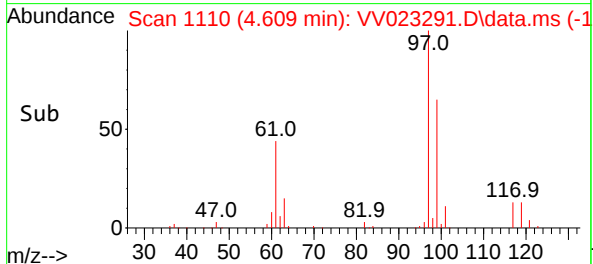
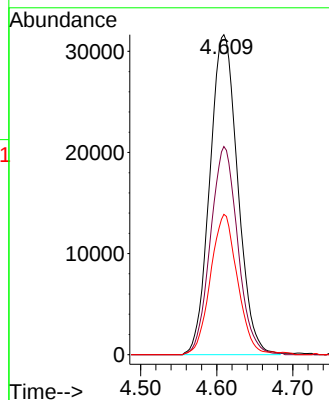
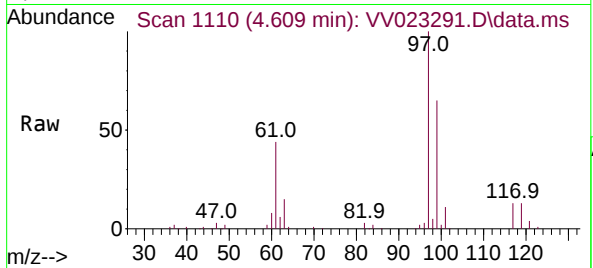
Tgt Ion: 97 Resp: 80633

Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.4

61 42.4 34.1 51.1



#30

Cyclohexane

Concen: 5.210 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VV023291.D

Acq: 08 Nov 2021 20:05

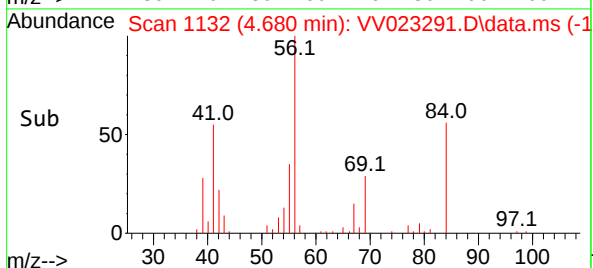
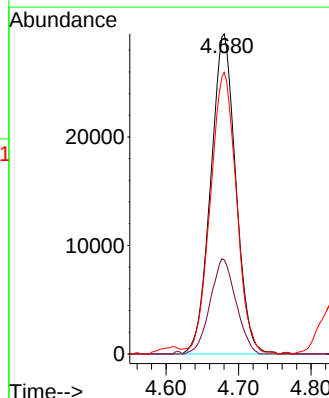
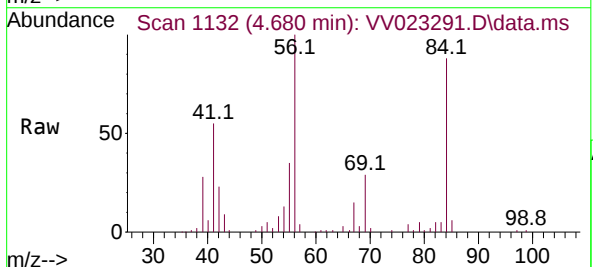
Tgt Ion: 56 Resp: 70922

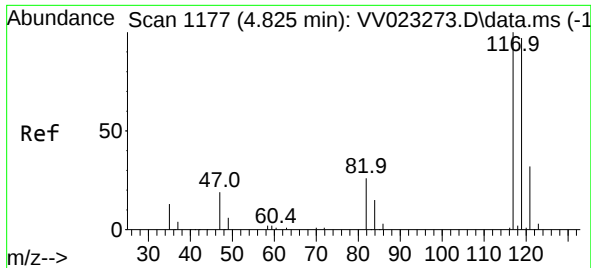
Ion Ratio Lower Upper

56 100

69 30.4 23.5 35.3

84 91.4 71.6 107.4

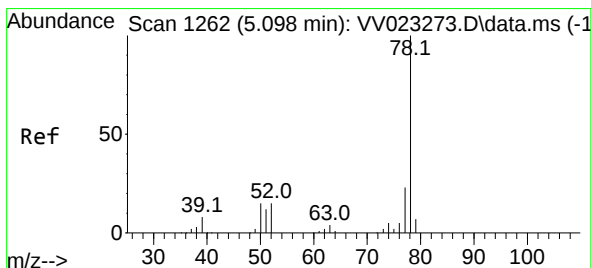
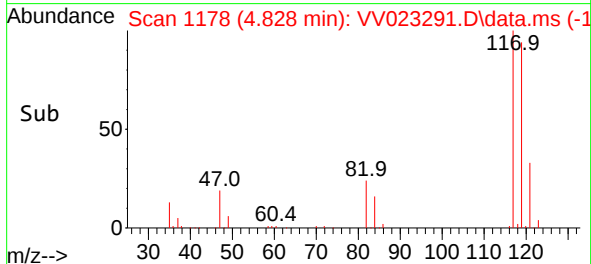
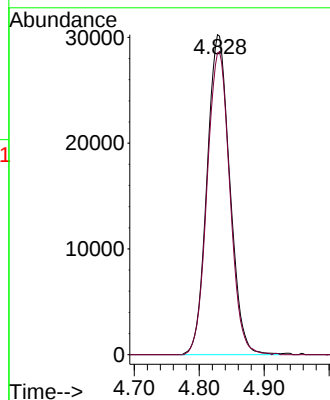
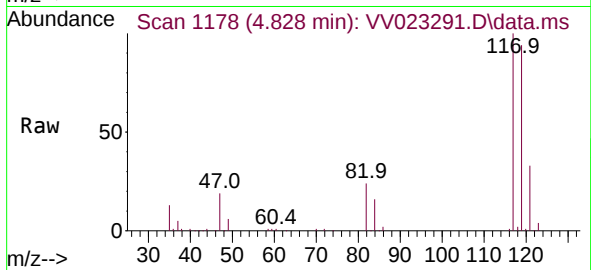




#31
Carbon tetrachloride
Concen: 5.409 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV023291.D
Acq: 08 Nov 2021 20:05

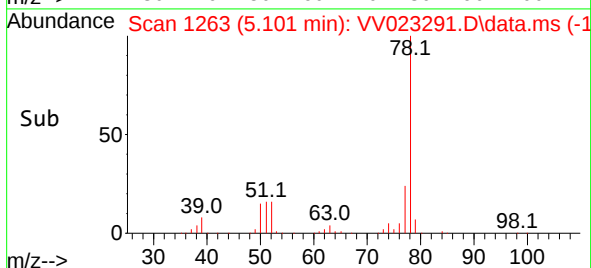
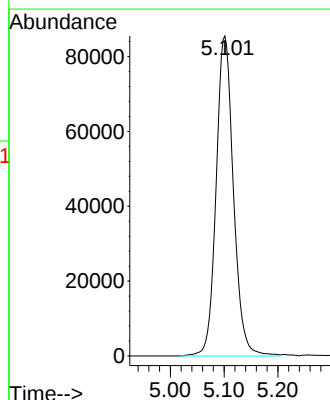
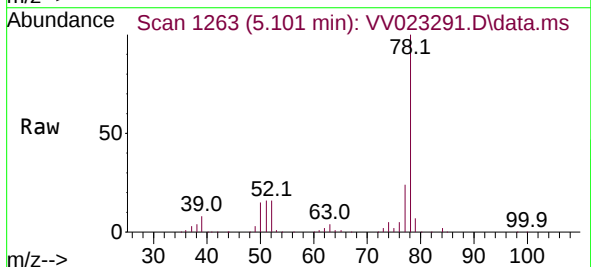
Instrument :
MSVOA_V
ClientSampleId :

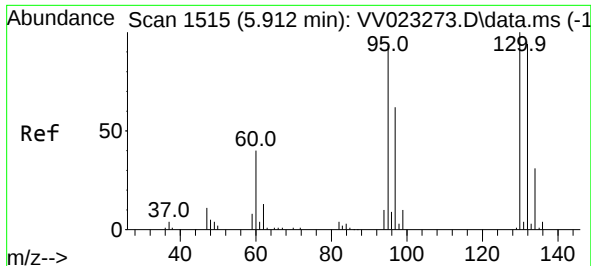
Tgt Ion:117 Resp: 73798
Ion Ratio Lower Upper
117 100
119 94.5 78.8 118.2



#33
Benzene
Concen: 5.471 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV023291.D
Acq: 08 Nov 2021 20:05

Tgt Ion: 78 Resp: 191264

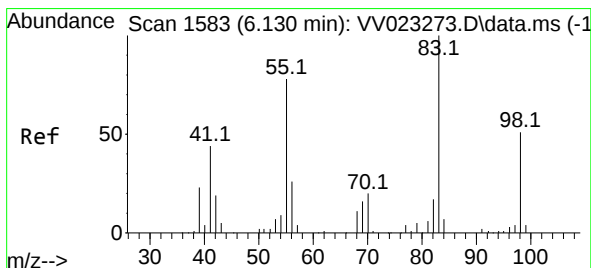
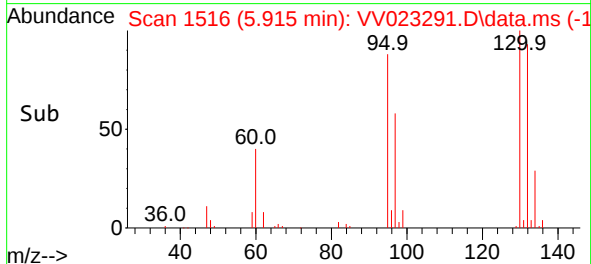
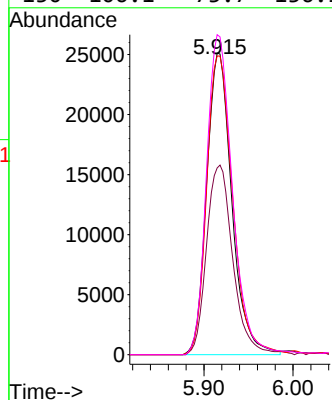
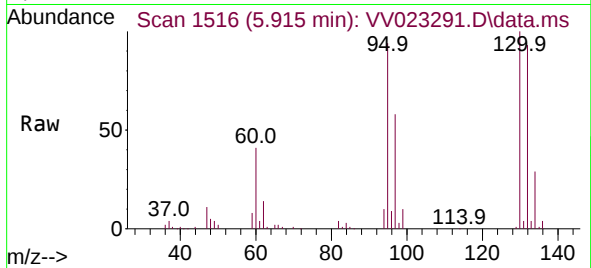




#34
Trichloroethene
Concen: 5.316 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV023291.D
Acq: 08 Nov 2021 20:05

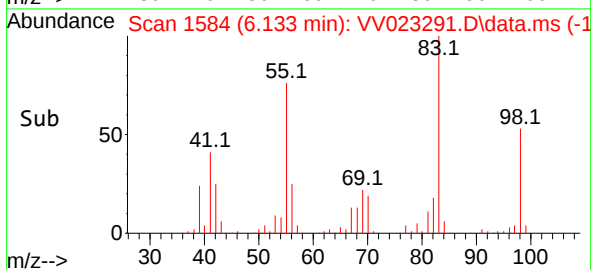
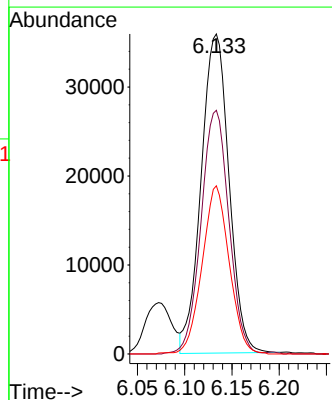
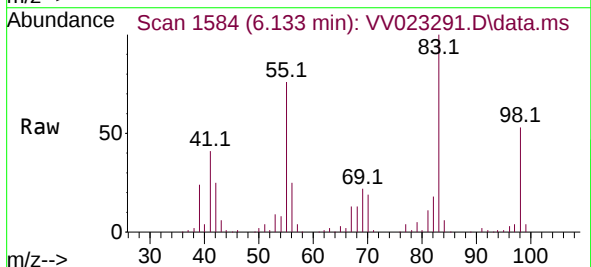
Instrument :
MSVOA_V
ClientSampleId :

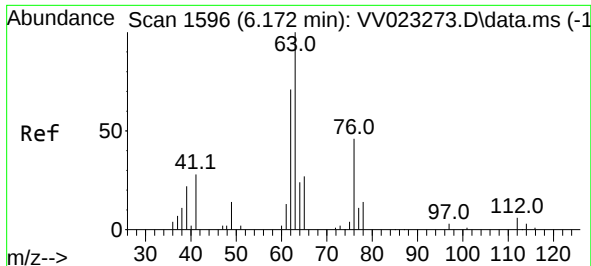
Tgt Ion: 95 Resp: 49426
Ion Ratio Lower Upper
95 100
97 61.9 45.0 83.6
132 99.0 69.7 129.4
130 106.1 73.7 136.9



#35
Methylcyclohexane
Concen: 5.004 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV023291.D
Acq: 08 Nov 2021 20:05

Tgt Ion: 83 Resp: 73436
Ion Ratio Lower Upper
83 100
55 76.4 62.8 94.2
98 51.5 37.9 56.9





#37

1,2-Dichloropropane

Concen: 5.736 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV023291.D

Acq: 08 Nov 2021 20:05

Instrument :

MSVOA_V

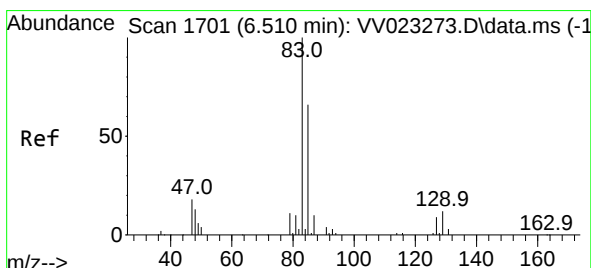
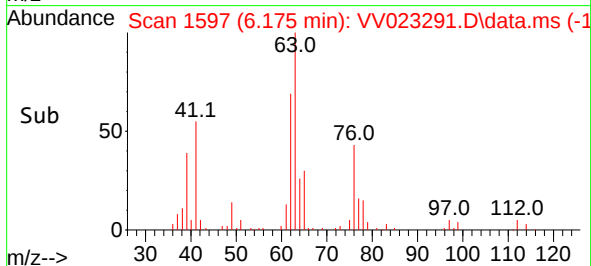
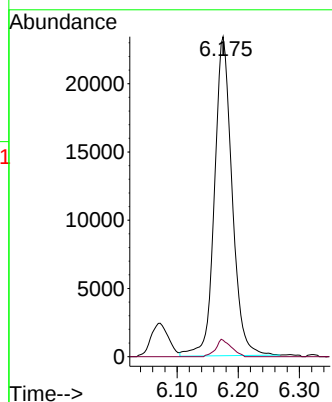
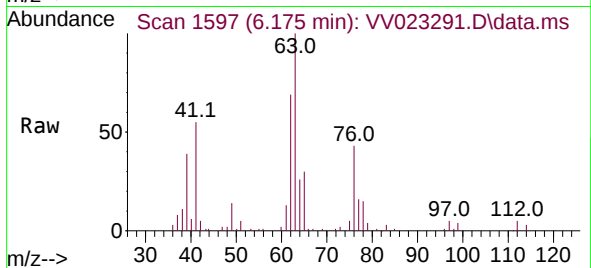
ClientSampleId :

Tgt Ion: 63 Resp: 46816

Ion Ratio Lower Upper

63 100

112 4.8 4.6 6.8



#38

Bromodichloromethane

Concen: 5.412 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.003 min

Lab File: VV023291.D

Acq: 08 Nov 2021 20:05

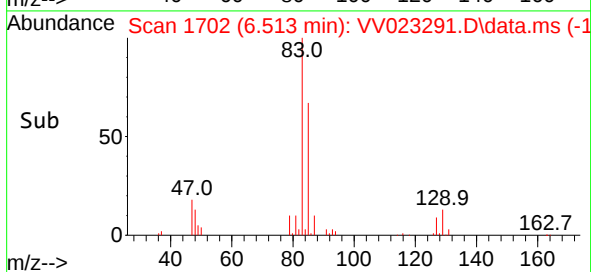
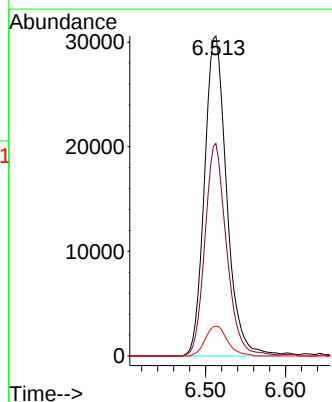
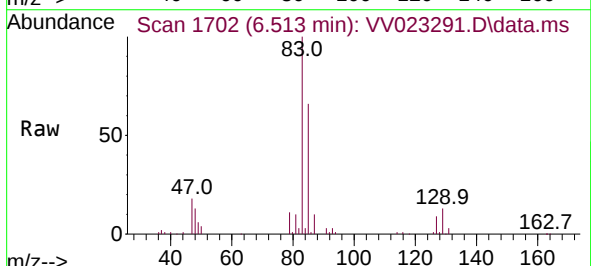
Tgt Ion: 83 Resp: 59190

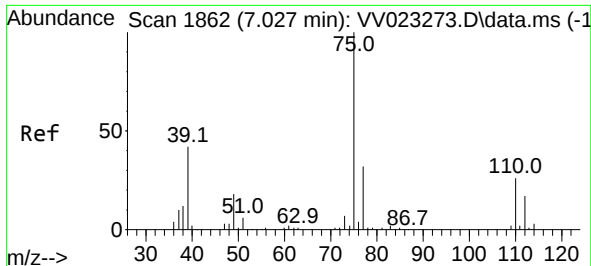
Ion Ratio Lower Upper

83 100

85 66.4 46.1 85.7

127 9.3 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.142 ug/L

RT: 7.031 min Scan# 1863

Delta R.T. 0.003 min

Lab File: VV023291.D

Acq: 08 Nov 2021 20:05

Instrument :

MSVOA_V

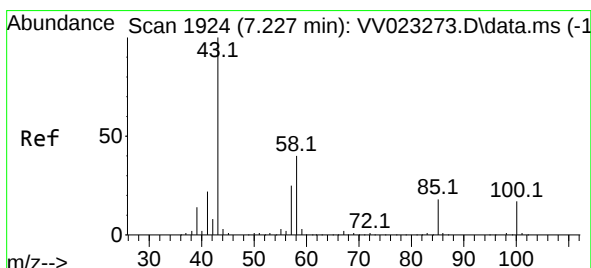
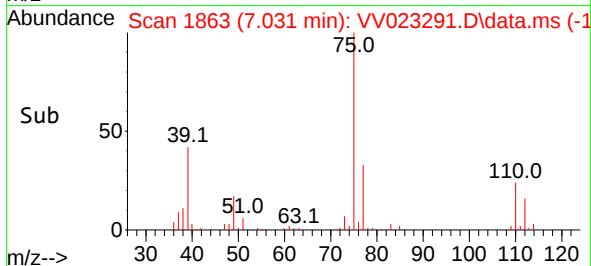
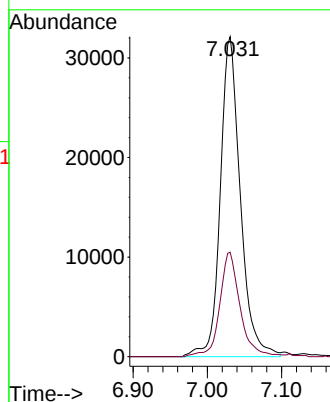
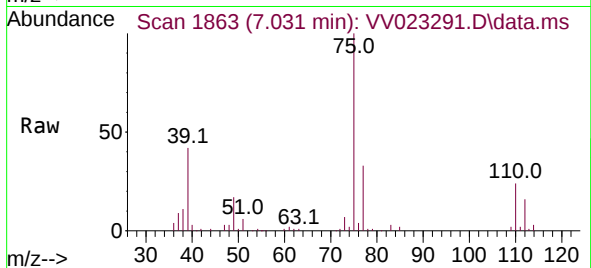
ClientSampleId :

Tgt Ion: 75 Resp: 60364

Ion Ratio Lower Upper

75 100

77 32.6 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 59.022 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV023291.D

Acq: 08 Nov 2021 20:05

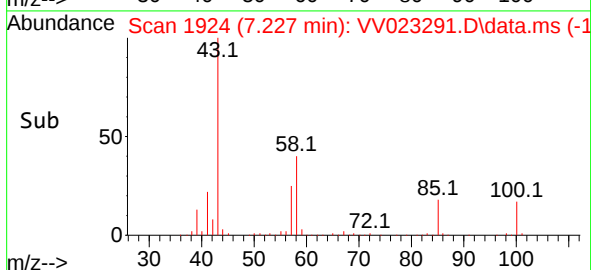
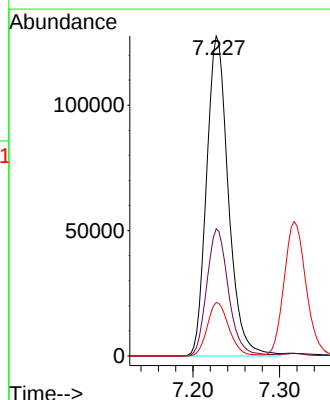
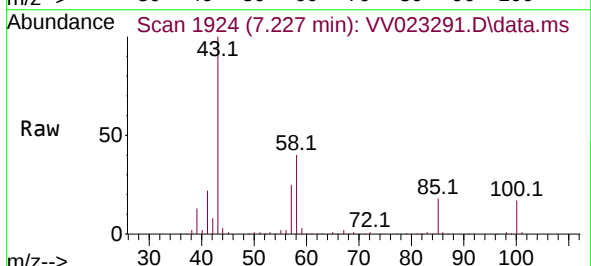
Tgt Ion: 43 Resp: 223420

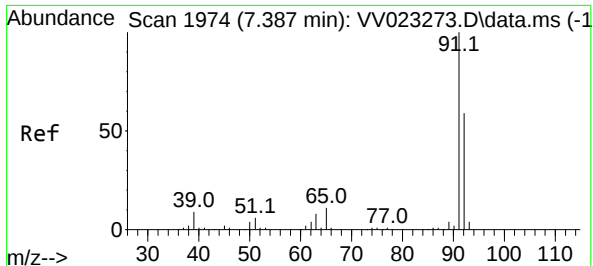
Ion Ratio Lower Upper

43 100

58 39.6 31.1 46.7

100 16.6 12.6 19.0





#42

Toluene

Concen: 5.606 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV023291.D

Acq: 08 Nov 2021 20:05

Instrument :

MSVOA_V

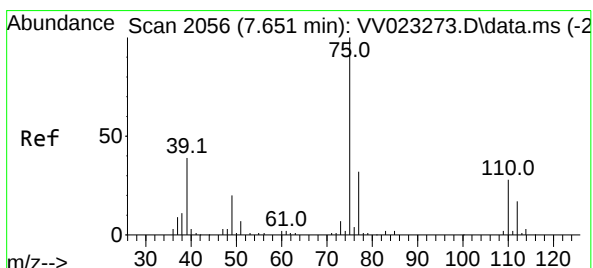
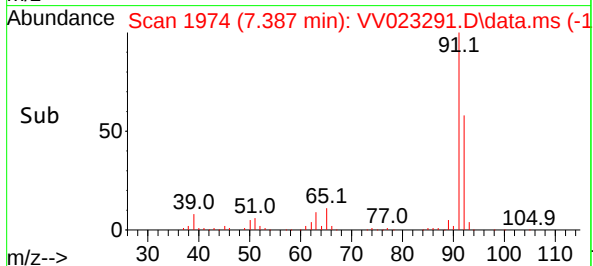
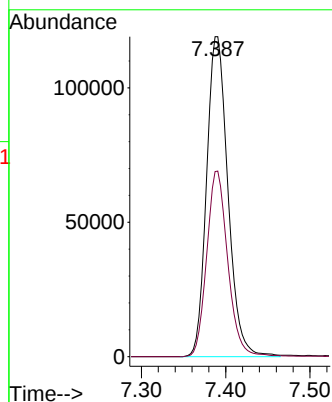
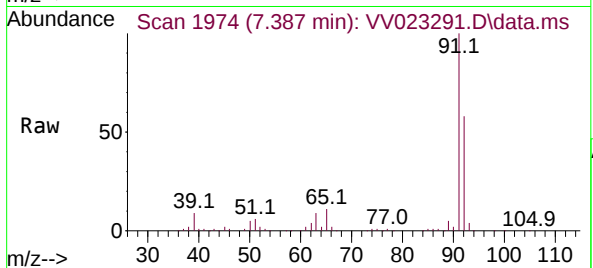
ClientSampleId :

Tgt Ion: 91 Resp: 209635

Ion Ratio Lower Upper

91 100

92 57.8 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 5.330 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV023291.D

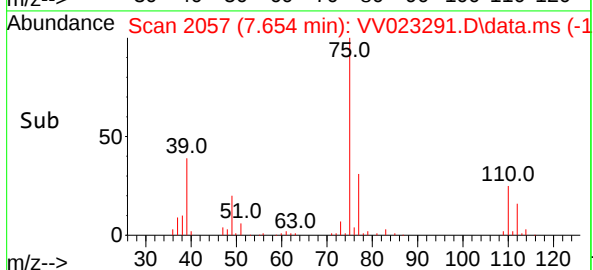
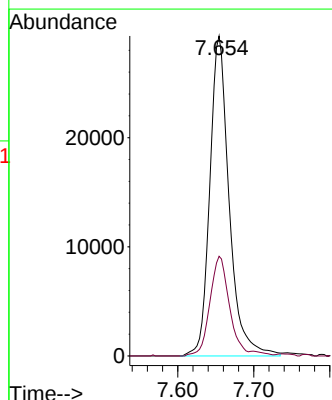
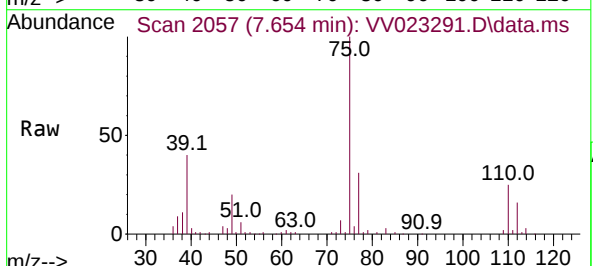
Acq: 08 Nov 2021 20:05

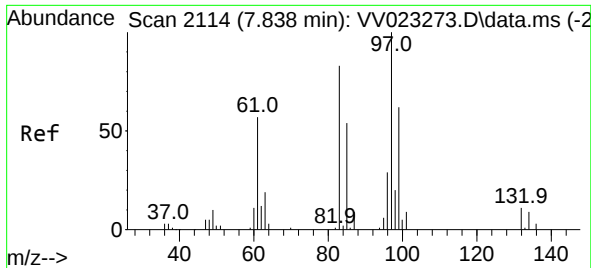
Tgt Ion: 75 Resp: 51914

Ion Ratio Lower Upper

75 100

77 31.1 22.5 41.7

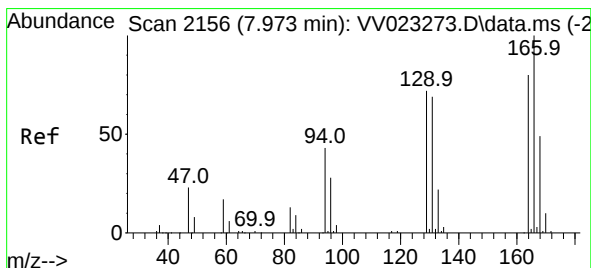
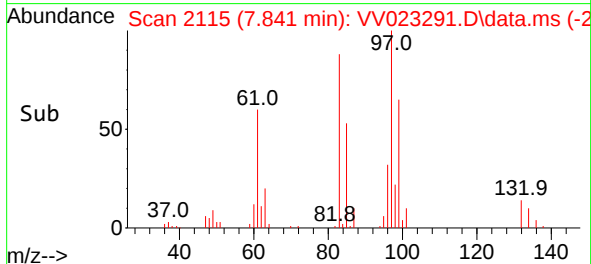
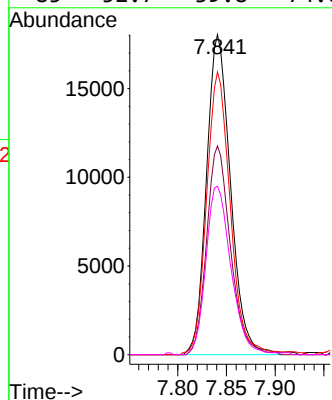
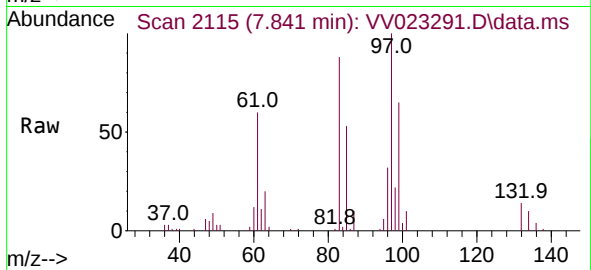




#45
1,1,2-Trichloroethane
Concen: 5.280 ug/L
RT: 7.841 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV023291.D
Acq: 08 Nov 2021 20:05

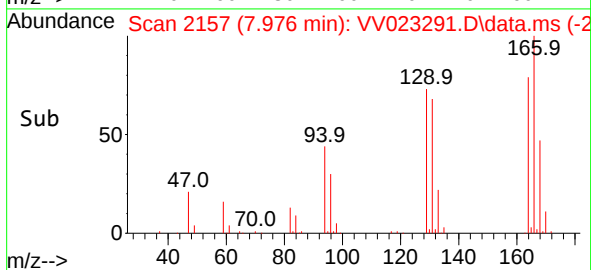
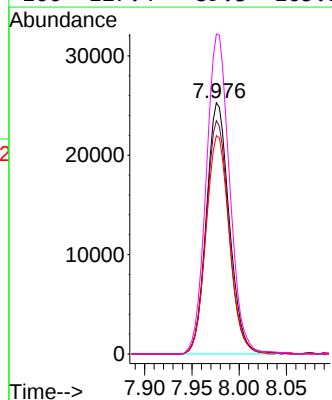
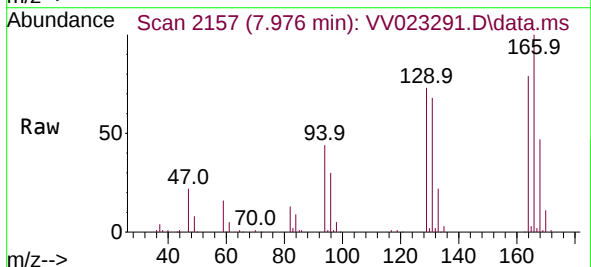
Instrument :
MSVOA_V
ClientSampleId :

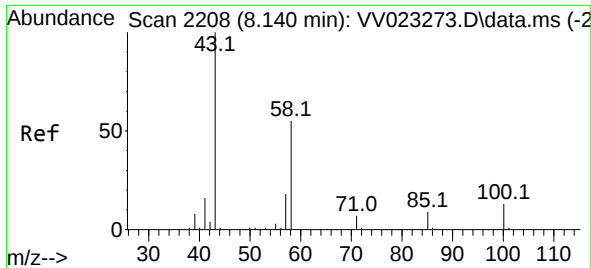
Tgt Ion:	97	Resp:	30963
Ion	Ratio	Lower	Upper
97	100		
99	65.3	43.6	81.0
83	88.3	58.4	108.4
85	52.7	39.8	74.0



#47
Tetrachloroethene
Concen: 5.314 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV023291.D
Acq: 08 Nov 2021 20:05

Tgt Ion:	164	Resp:	42819
Ion	Ratio	Lower	Upper
164	100		
129	92.8	64.0	119.0
131	86.9	63.4	117.8
166	127.4	89.3	165.9

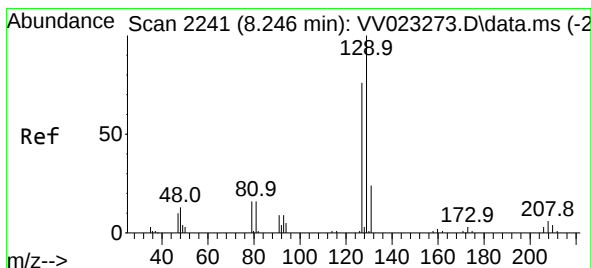
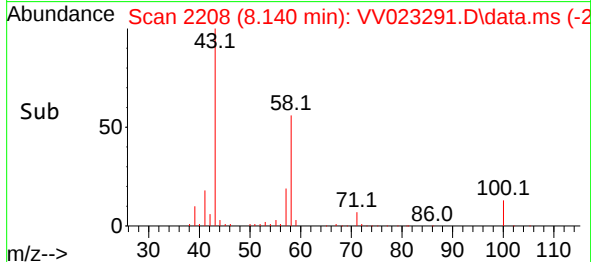
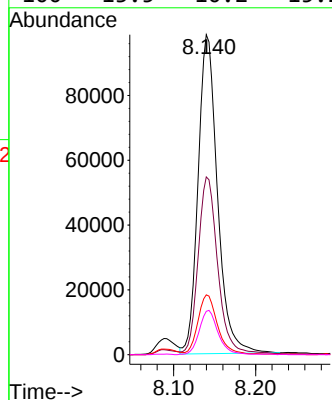
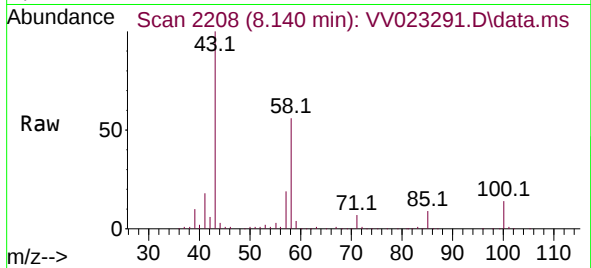




#48
2-Hexanone
Concen: 61.029 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023291.D
Acq: 08 Nov 2021 20:05

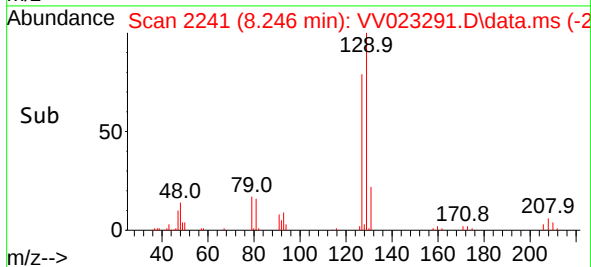
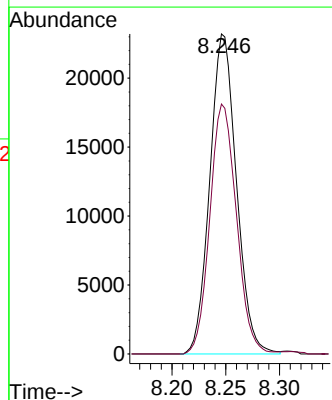
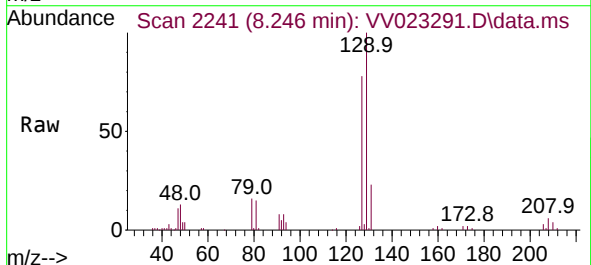
Instrument :
MSVOA_V
ClientSampleId :

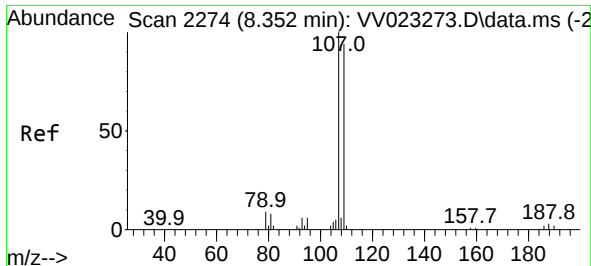
Tgt Ion: 43 Resp: 161877
Ion Ratio Lower Upper
43 100
58 56.0 43.7 65.5
57 18.4 14.1 21.1
100 13.5 10.2 15.2



#49
Dibromochloromethane
Concen: 5.384 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV023291.D
Acq: 08 Nov 2021 20:05

Tgt Ion:129 Resp: 40009
Ion Ratio Lower Upper
129 100
127 78.1 54.7 101.7





#50

1,2-Dibromoethane

Concen: 5.488 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV023291.D

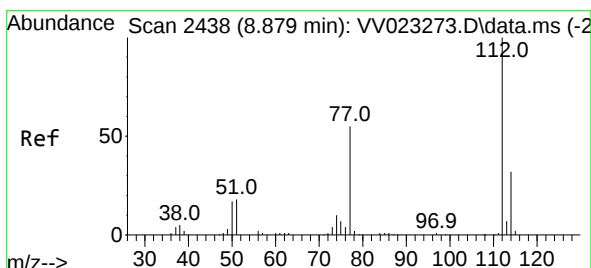
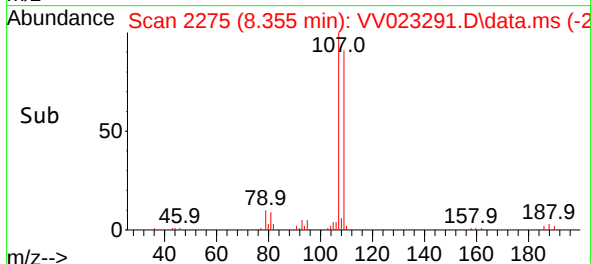
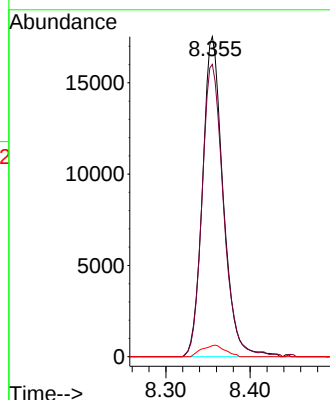
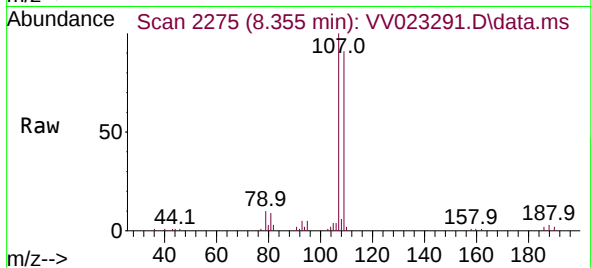
Acq: 08 Nov 2021 20:05

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	29824
Ion	Ratio	Lower	Upper
107	100		
109	91.4	64.7	120.1
188	3.4	3.6	5.4#



#51

Chlorobenzene

Concen: 5.397 ug/L

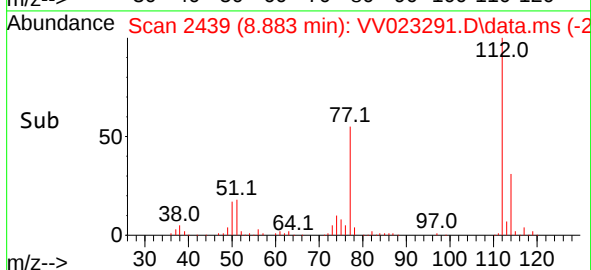
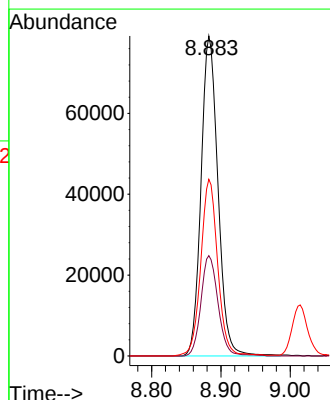
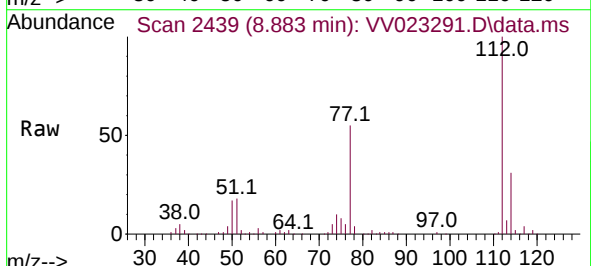
RT: 8.883 min Scan# 2439

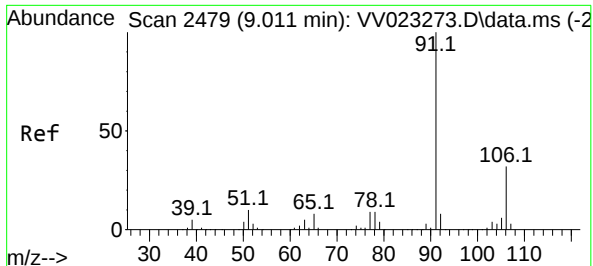
Delta R.T. 0.003 min

Lab File: VV023291.D

Acq: 08 Nov 2021 20:05

Tgt Ion:	112	Resp:	134141
Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.0	40.8
77	55.2	44.4	66.6





#52

Ethylbenzene

Concen: 5.346 ug/L

RT: 9.014 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV023291.D

Acq: 08 Nov 2021 20:05

Instrument :

MSVOA_V

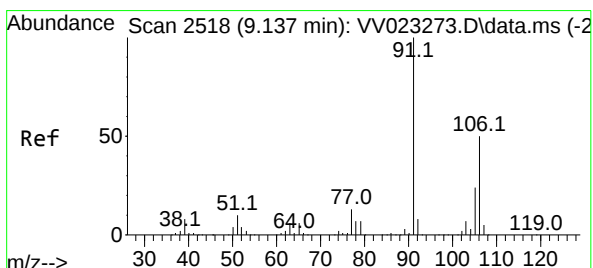
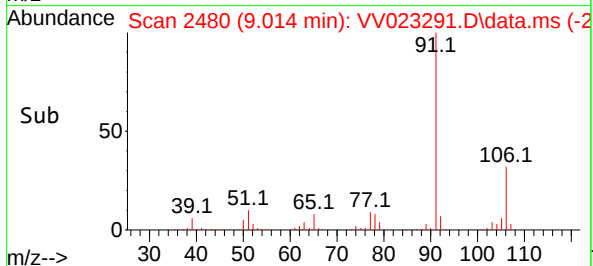
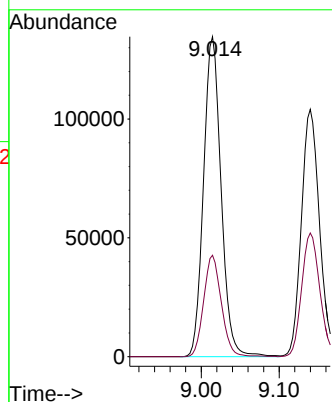
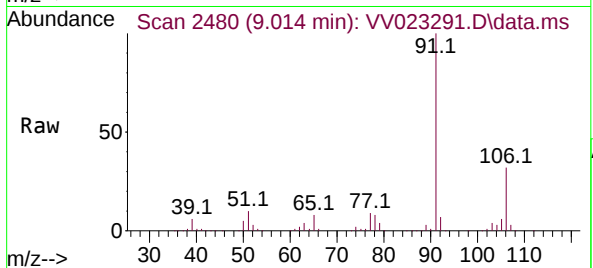
ClientSampleId :

Tgt Ion: 91 Resp: 210848

Ion Ratio Lower Upper

91 100

106 31.7 22.5 41.9



#53

m,p-xylene

Concen: 5.543 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV023291.D

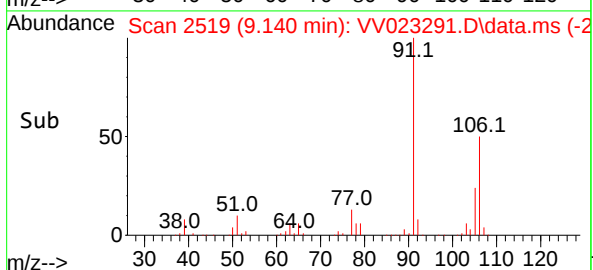
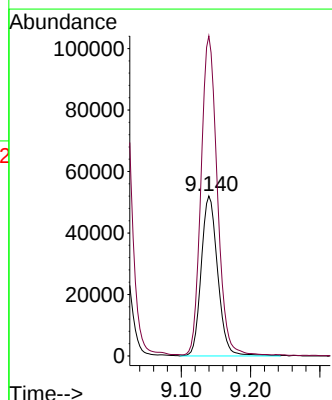
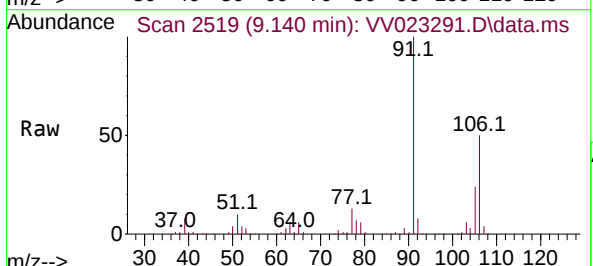
Acq: 08 Nov 2021 20:05

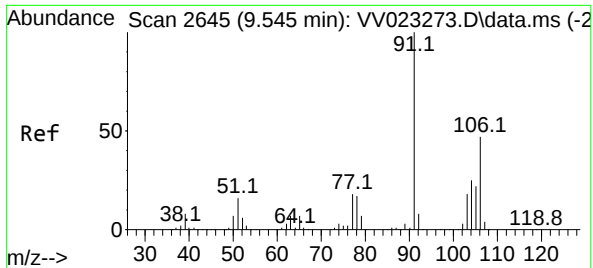
Tgt Ion: 106 Resp: 85791

Ion Ratio Lower Upper

106 100

91 200.1 137.2 254.8

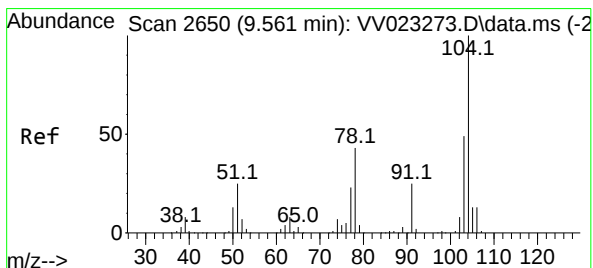
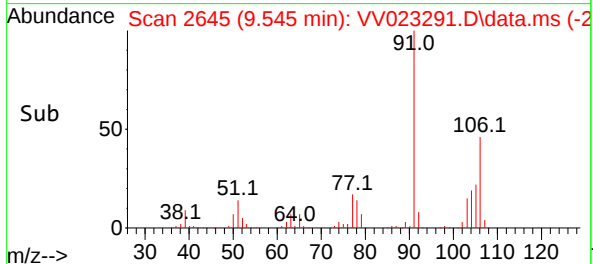
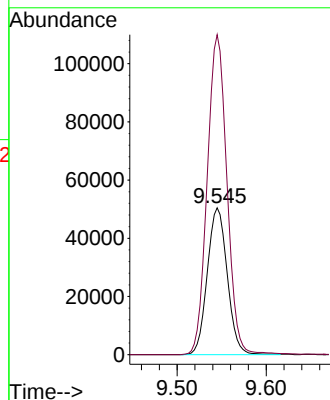
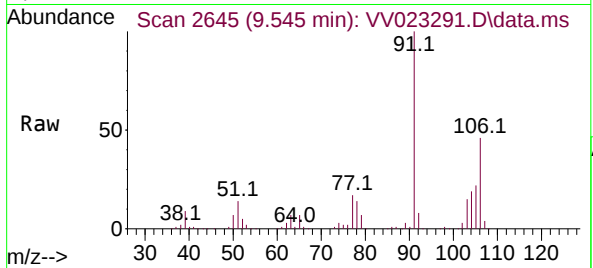




#54
o-xylene
Concen: 5.406 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV023291.D
Acq: 08 Nov 2021 20:05

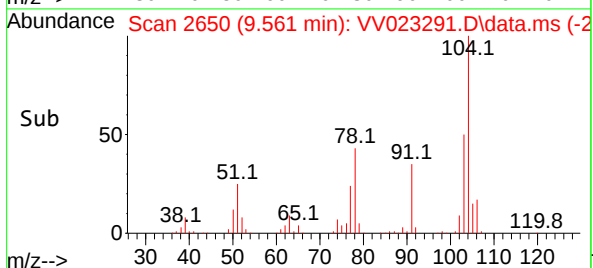
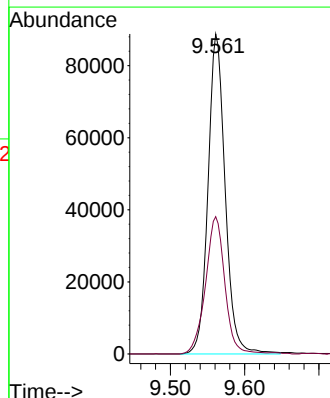
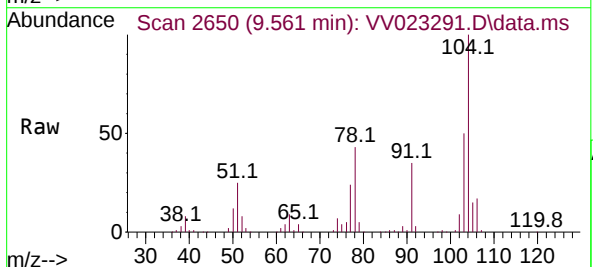
Instrument :
MSVOA_V
ClientSampleId :

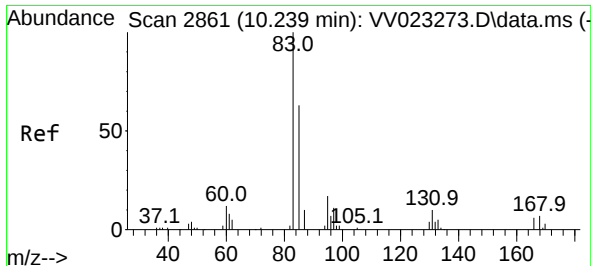
Tgt Ion:106 Resp: 78493
Ion Ratio Lower Upper
106 100
91 217.9 148.3 275.5



#55
Styrene
Concen: 5.712 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV023291.D
Acq: 08 Nov 2021 20:05

Tgt Ion:104 Resp: 142087
Ion Ratio Lower Upper
104 100
78 42.9 29.3 54.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.360 ug/L

RT: 10.243 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV023291.D

Acq: 08 Nov 2021 20:05

Instrument :

MSVOA_V

ClientSampleId :

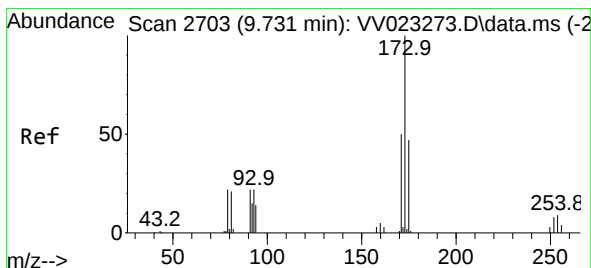
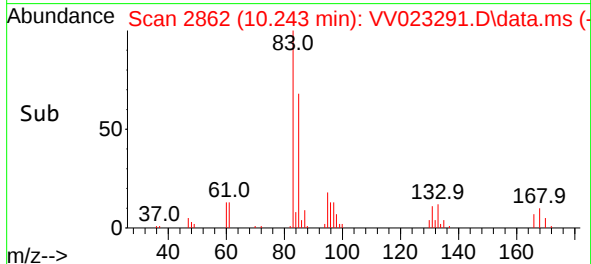
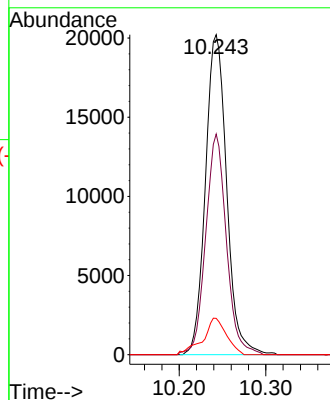
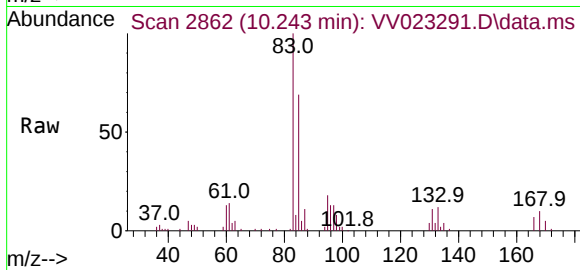
Tgt Ion: 83 Resp: 34440

Ion Ratio Lower Upper

83 100

85 69.0 45.1 83.9

131 11.3 7.8 11.6



#59

Bromoform

Concen: 5.097 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.000 min

Lab File: VV023291.D

Acq: 08 Nov 2021 20:05

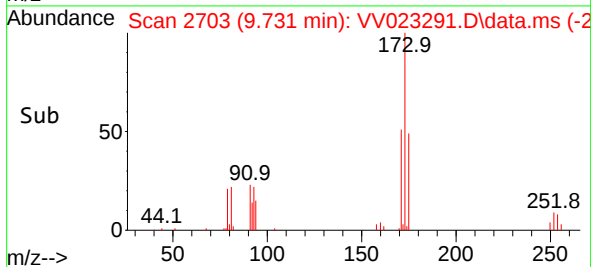
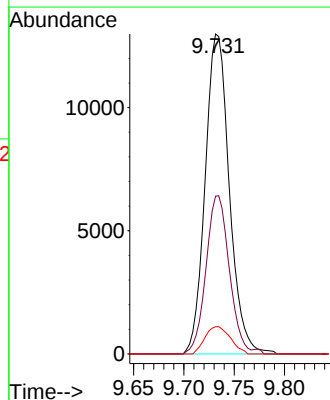
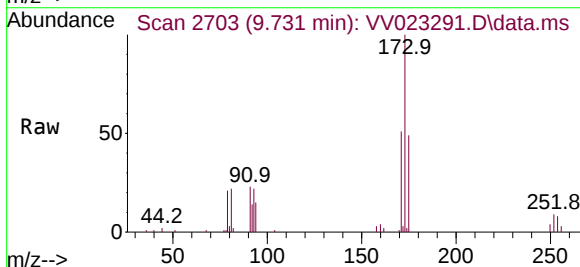
Tgt Ion: 173 Resp: 21712

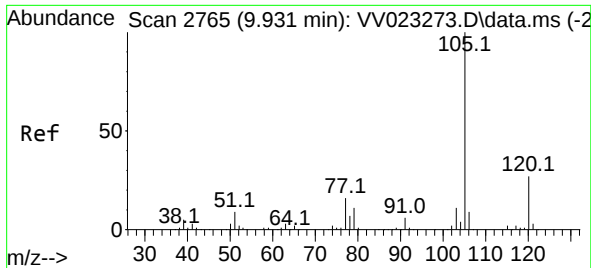
Ion Ratio Lower Upper

173 100

175 48.0 38.2 57.2

254 9.0 6.2 9.2

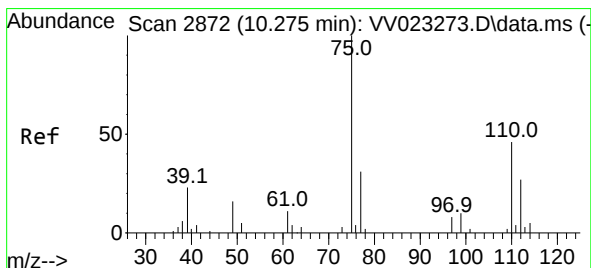
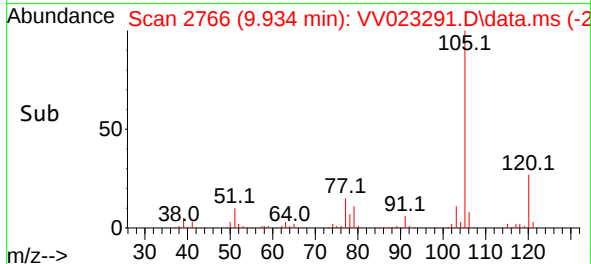
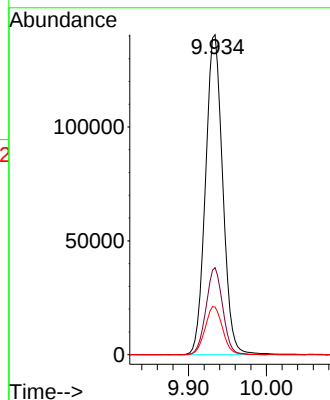
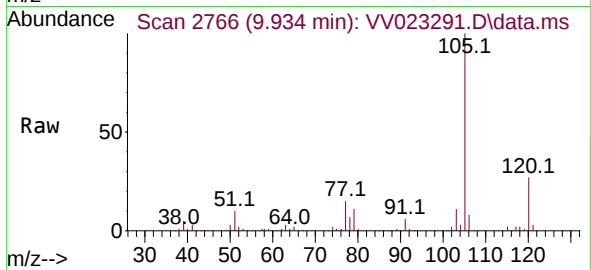




#60
Isopropylbenzene
Concen: 5.268 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023291.D
Acq: 08 Nov 2021 20:05

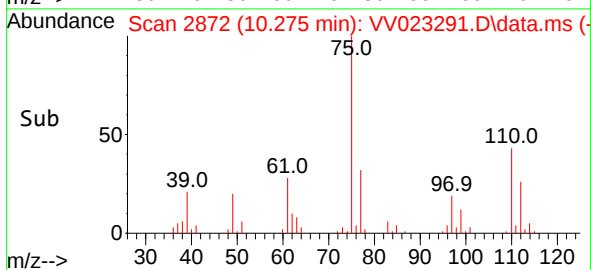
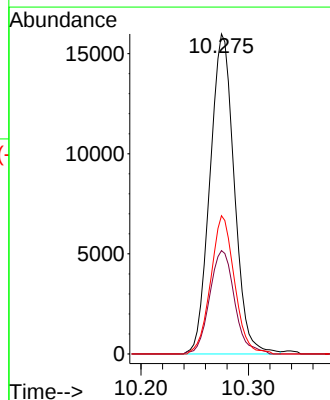
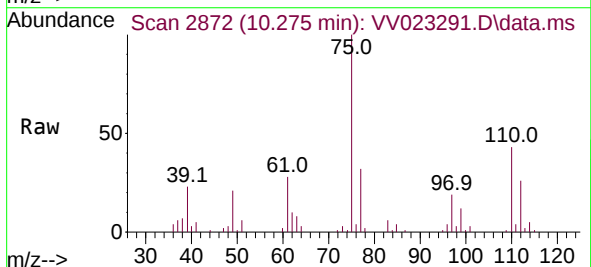
Instrument :
MSVOA_V
ClientSampleId :

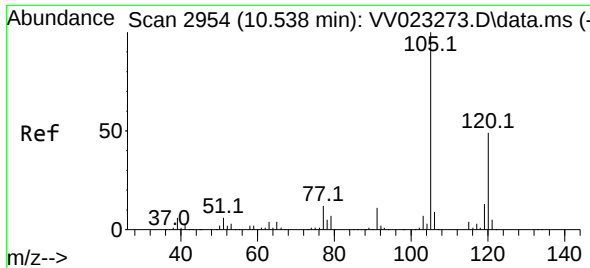
Tgt Ion:105 Resp: 215562
Ion Ratio Lower Upper
105 100
120 26.5 21.7 32.5
77 15.4 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.297 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV023291.D
Acq: 08 Nov 2021 20:05

Tgt Ion: 75 Resp: 25092
Ion Ratio Lower Upper
75 100
77 33.2 26.6 39.8
110 42.3 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 5.110 ug/L

RT: 10.542 min Scan# 2954

Delta R.T. 0.003 min

Lab File: VV023291.D

Acq: 08 Nov 2021 20:05

Instrument :

MSVOA_V

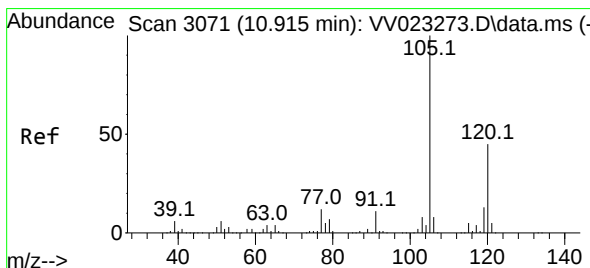
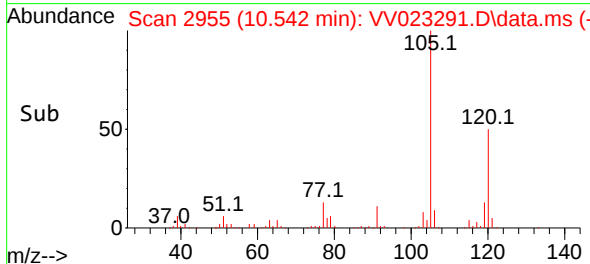
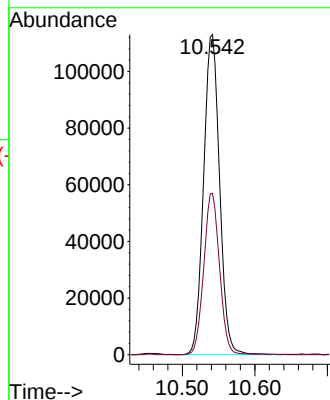
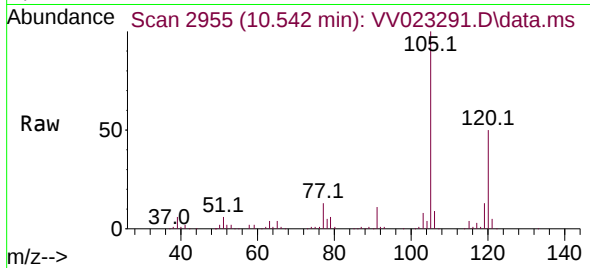
ClientSampleId :

Tgt Ion:105 Resp: 173384

Ion Ratio Lower Upper

105 100

120 49.7 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 5.276 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV023291.D

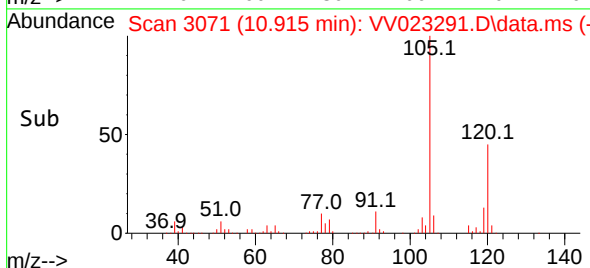
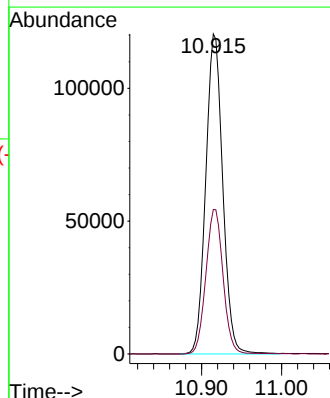
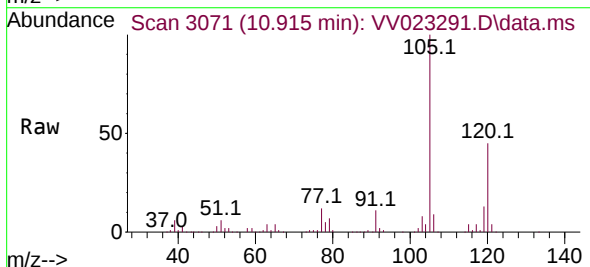
Acq: 08 Nov 2021 20:05

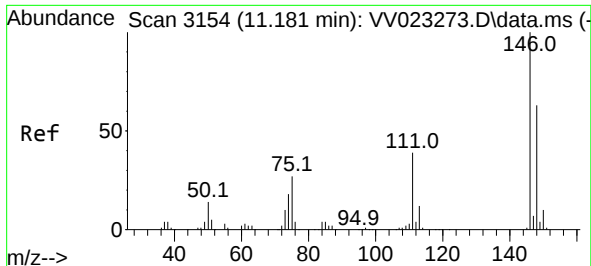
Tgt Ion:105 Resp: 178174

Ion Ratio Lower Upper

105 100

120 45.6 37.4 56.2

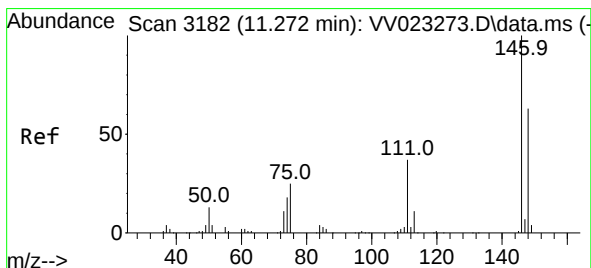
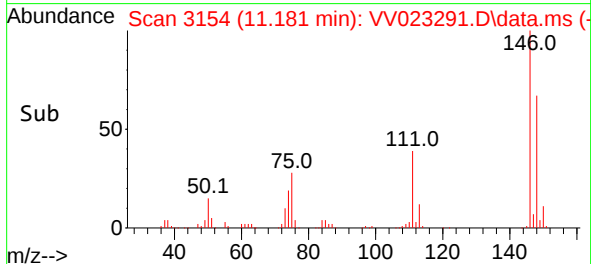
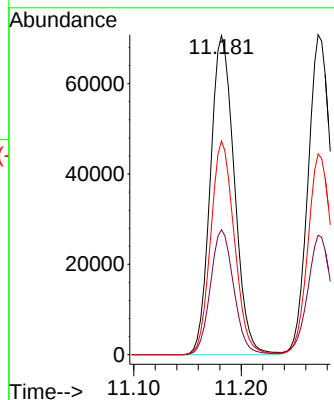
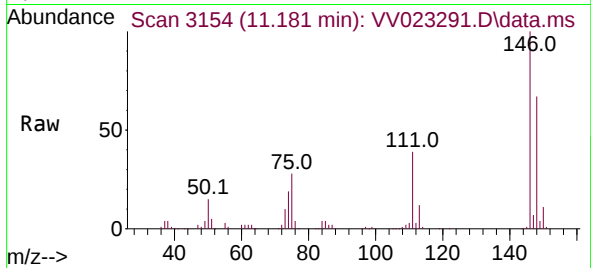




#64
1,3-Dichlorobenzene
Concen: 5.245 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV023291.D
Acq: 08 Nov 2021 20:05

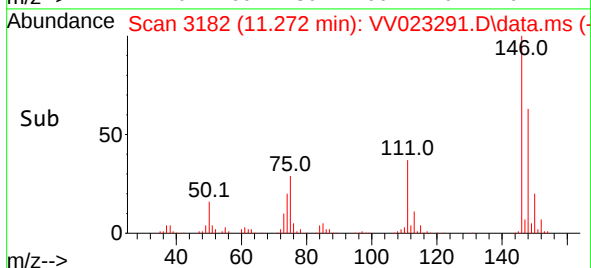
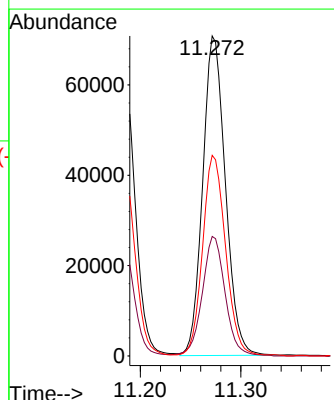
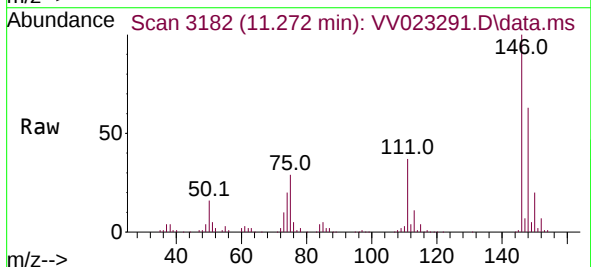
Instrument :
MSVOA_V
ClientSampleId :

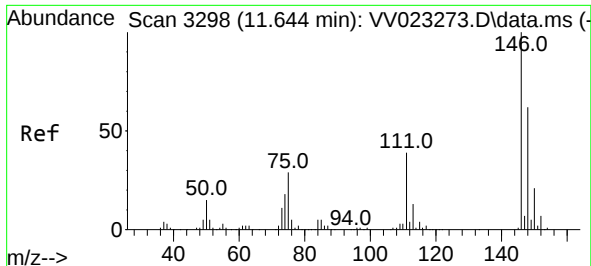
Tgt Ion:146 Resp: 109672
Ion Ratio Lower Upper
146 100
111 39.2 26.7 49.7
148 67.0 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 5.191 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023291.D
Acq: 08 Nov 2021 20:05

Tgt Ion:146 Resp: 110845
Ion Ratio Lower Upper
146 100
111 37.3 26.2 48.8
148 62.7 44.4 82.5

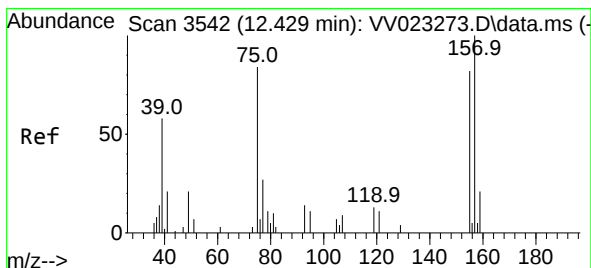
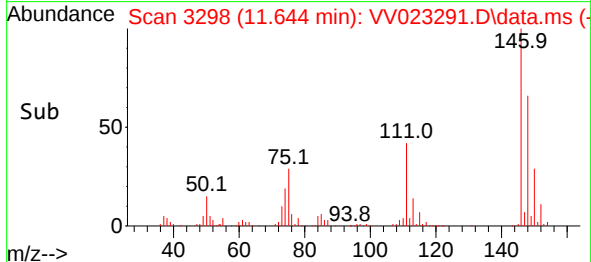
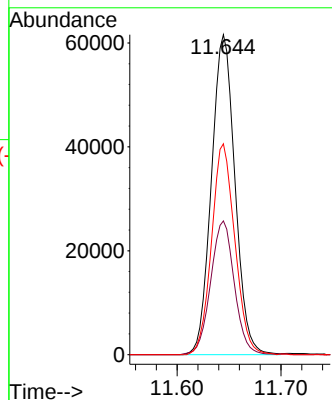
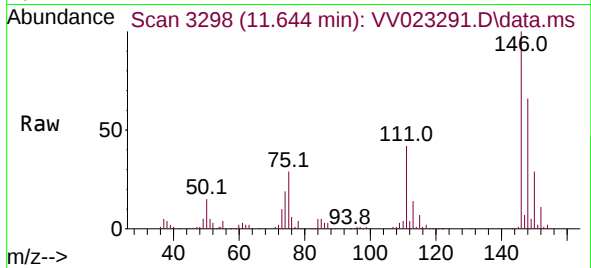




#67
1,2-Dichlorobenzene
Concen: 5.177 ug/L
RT: 11.644 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV023291.D
Acq: 08 Nov 2021 20:05

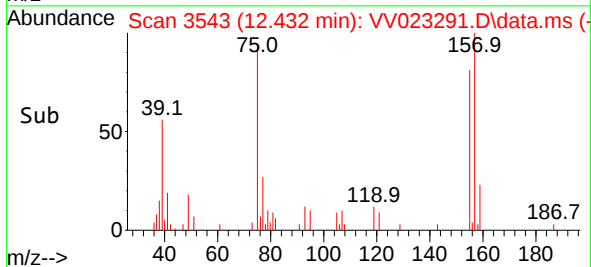
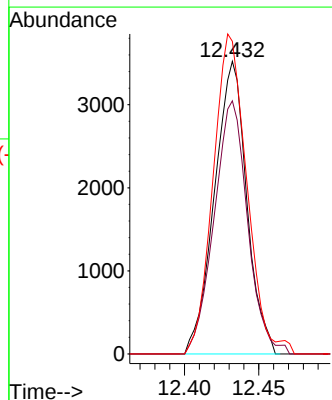
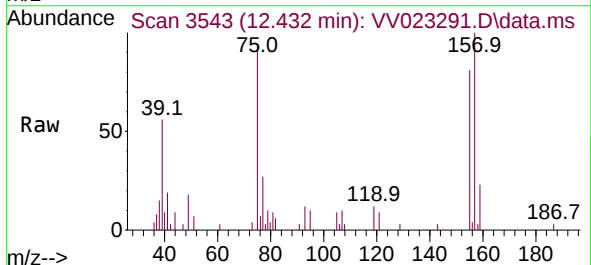
Instrument :
MSVOA_V
ClientSampleId :

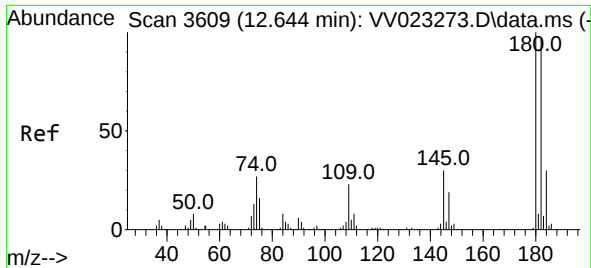
Tgt Ion:146 Resp: 96864
Ion Ratio Lower Upper
146 100
111 41.8 31.6 47.4
148 65.9 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 5.279 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VV023291.D
Acq: 08 Nov 2021 20:05

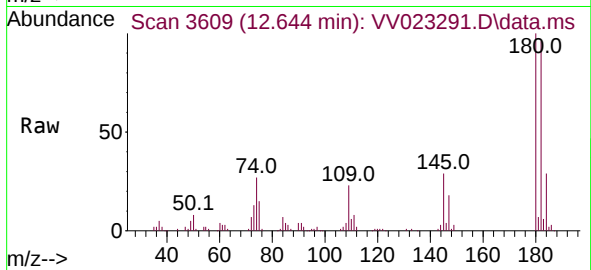
Tgt Ion: 75 Resp: 5328
Ion Ratio Lower Upper
75 100
155 86.5 67.7 101.5
157 106.8 87.9 131.9



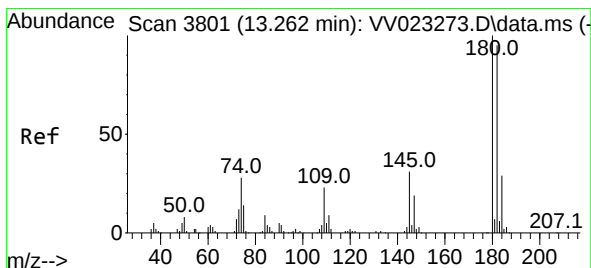
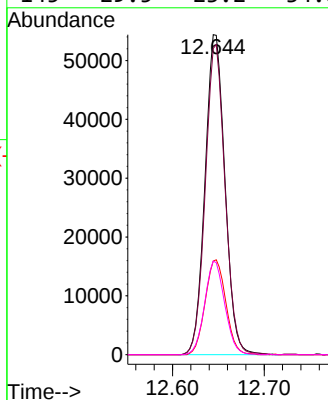
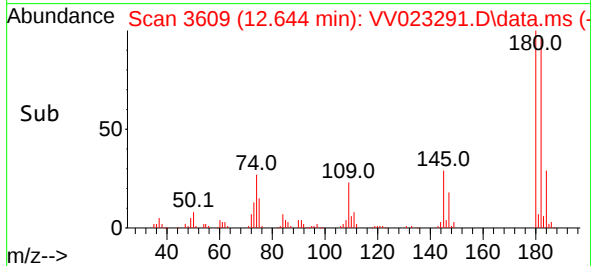


#69
 1,3,5-Trichlorobenzene
 Concen: 5.008 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV023291.D
 Acq: 08 Nov 2021 20:05

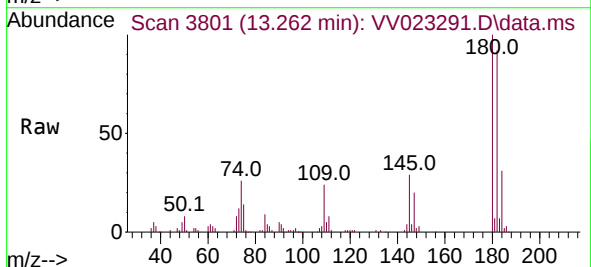
Instrument :
 MSVOA_V
 ClientSampleId :



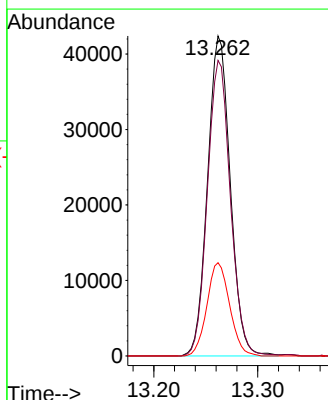
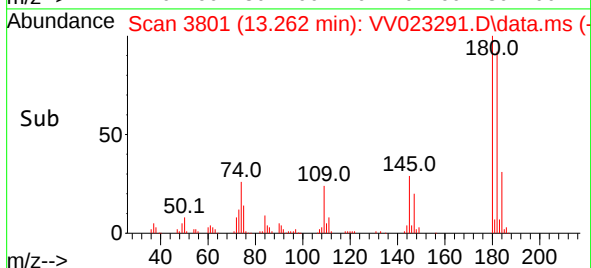
Tgt Ion:180 Resp: 81991
 Ion Ratio Lower Upper
 180 100
 182 96.1 74.9 112.3
 184 30.7 23.8 35.8
 145 29.5 23.2 34.8

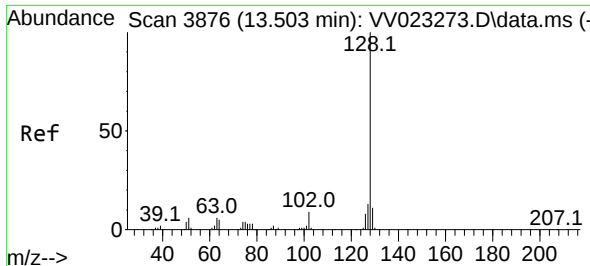


#70
 1,2,4-trichlorobenzene
 Concen: 4.913 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.000 min
 Lab File: VV023291.D
 Acq: 08 Nov 2021 20:05



Tgt Ion:180 Resp: 64410
 Ion Ratio Lower Upper
 180 100
 182 93.6 76.9 115.3
 145 29.1 24.4 36.6

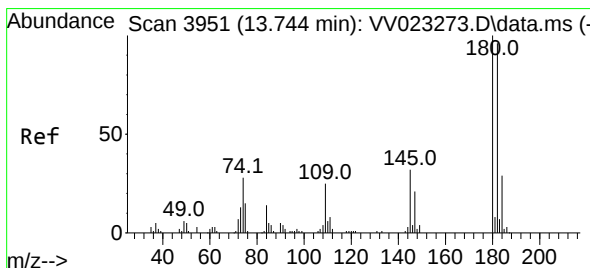
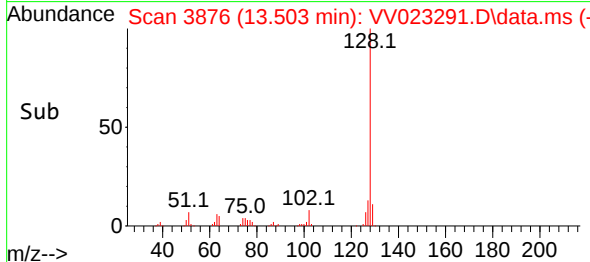
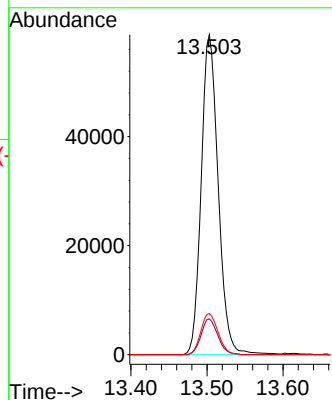
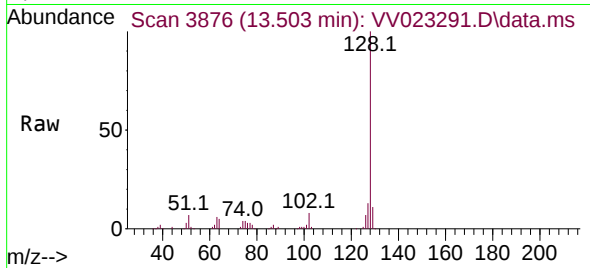




#71
Naphthalene
Concen: 4.714 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV023291.D
Acq: 08 Nov 2021 20:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128	Resp:	91129
Ion Ratio	Lower	Upper
128	100	
129	11.0	8.6 13.0
127	13.0	10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 5.115 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV023291.D
Acq: 08 Nov 2021 20:05

Tgt Ion:180	Resp:	58669
Ion Ratio	Lower	Upper
180	100	
182	95.4	76.7 115.1
145	30.6	25.7 38.5

