

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020724\
 Data File : VD078364.D
 Acq On : 07 Feb 2024 19:05
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 08 00:23:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 08 00:21:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	167856	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	164437	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	80603	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	138575	29.098	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.400%
7) Chloroethane-d5	2.793	69	119138	29.761	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.040%
11) 1,1-Dichloroethene-d2	3.911	65	26429	25.702	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.800%
21) 2-Butanone-d5	7.081	46	417	0.595	ug/L	0.09
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1.180%#
24) Chloroform-d	7.569	84	136065	28.431	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.720%
26) 1,2-Dichloroethane-d4	8.228	65	74108	28.693	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.760%
32) Benzene-d6	8.205	84	274603	28.560	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.240%
36) 1,2-Dichloropropane-d6	9.210	67	85143	28.764	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.040%
41) Toluene-d8	10.269	98	247840	28.698	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	114.800%
43) trans-1,3-Dichloroprop...	10.522	79	37575	28.429	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.720%
47) 2-Hexanone-d5	10.875	63	36218	60.306	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.620%
56) 1,1,2,2-Tetrachloroeth...	12.646	84	79225	28.803	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.200%
66) 1,2-Dichlorobenzene-d4	13.816	152	77849	26.978	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.920%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	81653	24.671	ug/L	97
3) Chloromethane	2.146	50	133827	27.803	ug/L	100
5) Vinyl chloride	2.275	62	162062	27.231	ug/L	97
6) Bromomethane	2.687	94	68792	25.496	ug/L	98
8) Chloroethane	2.828	64	105813	27.926	ug/L	95
9) Trichlorofluoromethane	3.164	101	113100	26.733	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	67317	25.570	ug/L #	80
12) 1,1-Dichloroethene	3.934	96	64046	26.286	ug/L	93
13) Acetone	4.028	43	39986	43.433	ug/L	96
14) Carbon disulfide	4.264	76	216327	24.089	ug/L #	94
15) Methyl Acetate	4.564	43	37481	27.171	ug/L #	75
16) Methylene chloride	4.799	84	80221	24.369	ug/L	97
17) trans-1,2-Dichloroethene	5.305	96	71977	26.809	ug/L	98
18) Methyl tert-butyl Ether	5.316	73	176252	28.225	ug/L	99
19) 1,1-Dichloroethane	6.111	63	133375	28.389	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	81534	27.709	ug/L	95
22) 2-Butanone	7.081	43	55145	49.471	ug/L	99
23) Bromochloromethane	7.422	128	38179	29.374	ug/L	94
25) Chloroform	7.593	83	147695	28.809	ug/L	97

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 QLast Update : Thu Feb 08 00:21:59 2024
 Response via : Initial Calibration

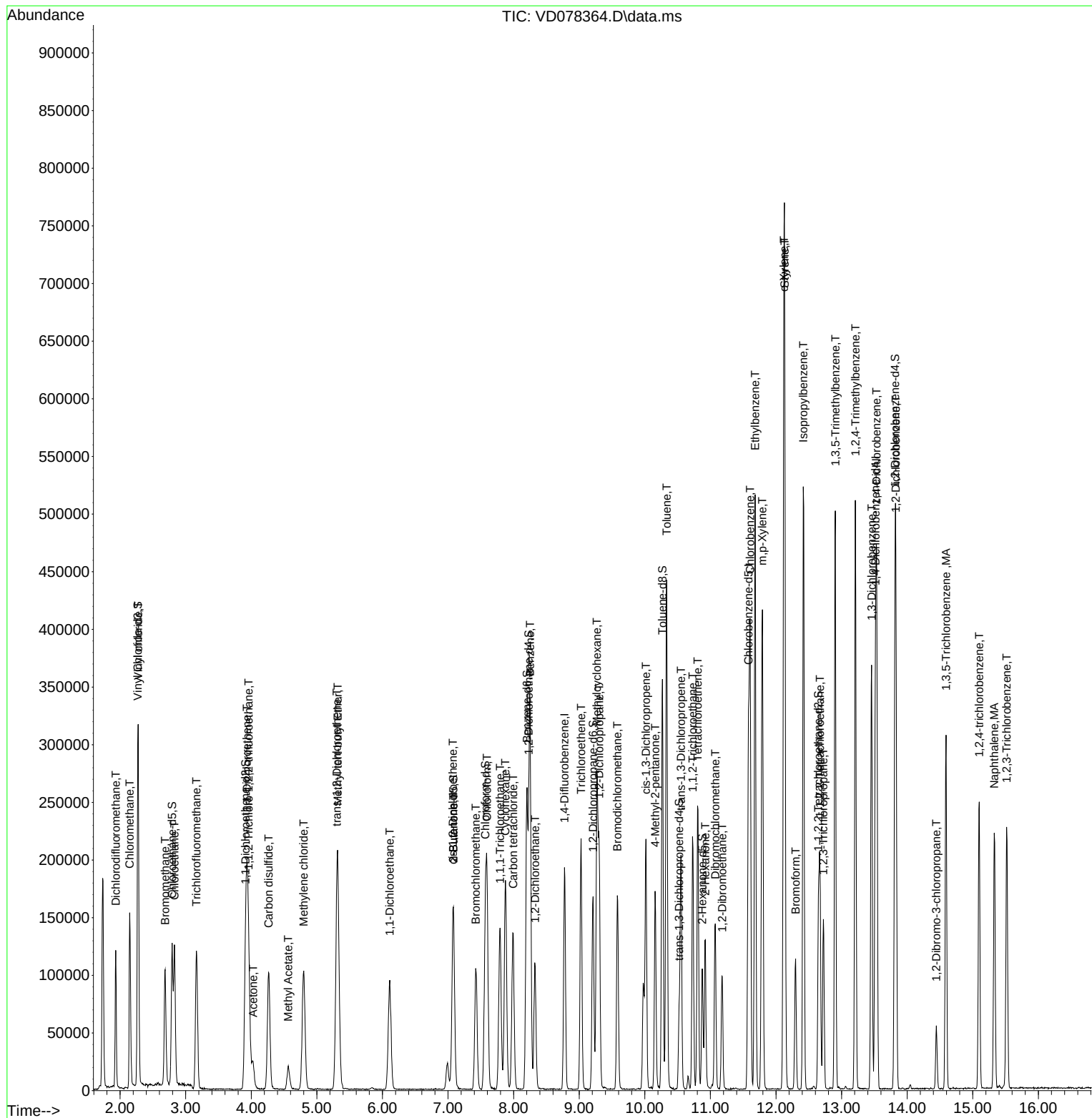
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	93828	28.498	ug/L	95
29) Cyclohexane	7.875	56	95088	25.581	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	114783	28.476	ug/L	99
31) Carbon tetrachloride	7.993	117	97196	27.372	ug/L	100
33) Benzene	8.252	78	316241	28.540	ug/L	100
34) Trichloroethene	9.028	95	73665	26.323	ug/L	95
35) Methylcyclohexane	9.269	83	110877	25.320	ug/L	97
37) 1,2-Dichloropropane	9.305	63	80442	27.551	ug/L	99
38) Bromodichloromethane	9.581	83	112801	29.610	ug/L #	93
39) cis-1,3-Dichloropropene	10.016	75	132188	29.086	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	109259	60.253	ug/L	100
42) Toluene	10.334	91	331936	28.793	ug/L	95
44) trans-1,3-Dichloropropene	10.552	75	114400	28.770	ug/L	99
45) 1,1,2-Trichloroethane	10.728	97	69682	29.941	ug/L	97
46) Tetrachloroethene	10.804	164	53239	27.705	ug/L	93
48) 2-Hexanone	10.922	43	81342	54.994	ug/L	97
49) Dibromochloromethane	11.075	129	74835	28.611	ug/L	96
50) 1,2-Dibromoethane	11.181	107	66720	29.389	ug/L	93
51) Chlorobenzene	11.604	112	210575	28.210	ug/L	96
52) Ethylbenzene	11.681	91	357719	28.886	ug/L	97
53) m,p-Xylene	11.793	106	135420	28.453	ug/L	99
54) o-Xylene	12.122	106	133102	29.001	ug/L	98
55) Styrene	12.134	104	246820	29.813	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.669	83	88279	29.605	ug/L #	89
59) Bromoform	12.298	173	47512	29.379	ug/L	97
60) Isopropylbenzene	12.416	105	339950	27.912	ug/L	98
61) 1,2,3-Trichloropropane	12.722	75	59225	28.806	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	263737	27.684	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	266705	28.265	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	152493	28.058	ug/L	99
65) 1,4-Dichlorobenzene	13.534	146	157502	27.681	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	143809	27.973	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	13502	29.640	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.592	180	87652	26.177	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	76716	26.507	ug/L	97
71) Naphthalene	15.328	128	193465	28.553	ug/L	98
72) 1,2,3-Trichlorobenzene	15.516	180	73174	27.084	ug/L	100

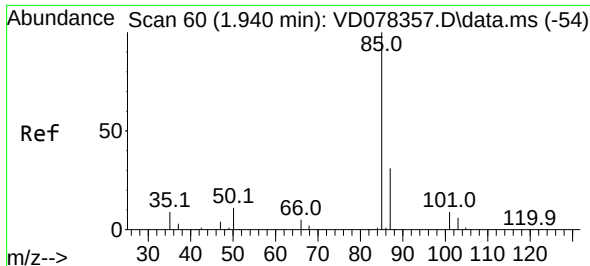
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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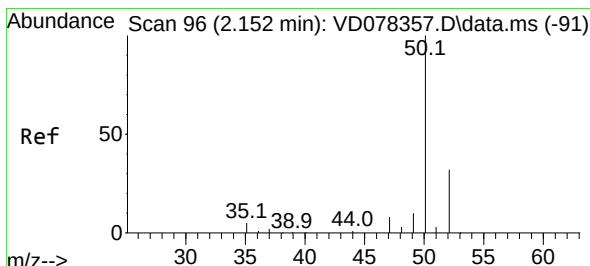
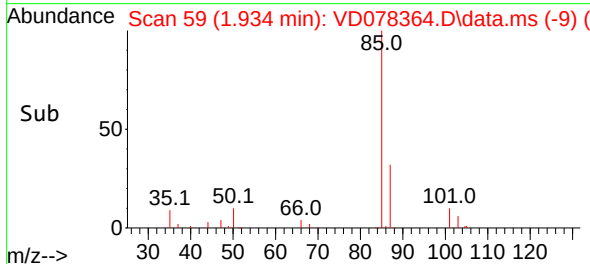
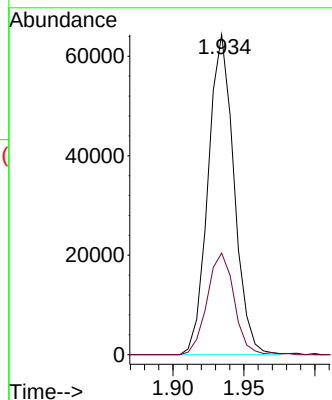
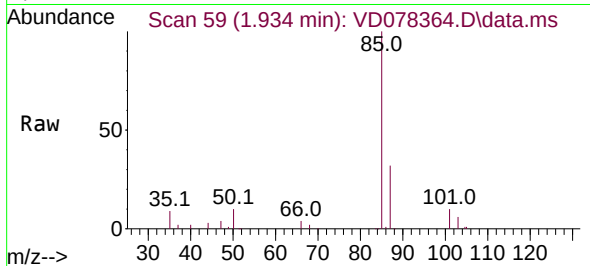




#2
 Dichlorodifluoromethane
 Concen: 24.671 ug/L
 RT: 1.934 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VD078364.D
 Acq: 07 Feb 2024 19:05

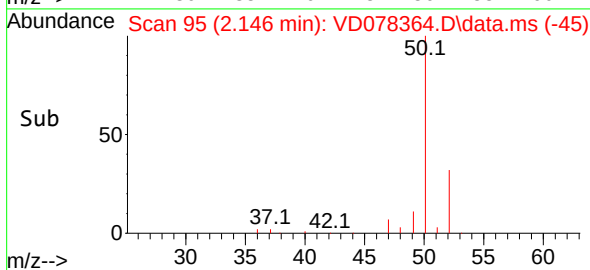
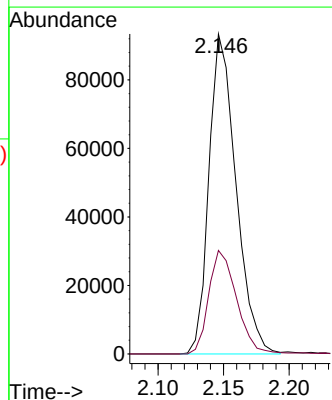
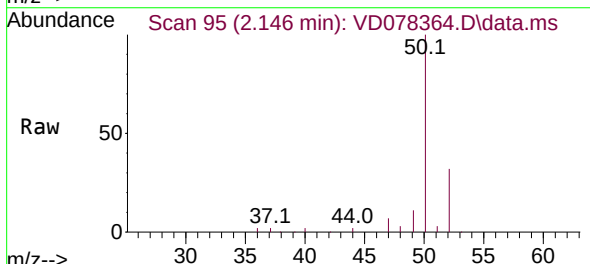
Instrument :
 MSVOA_D
 ClientSampleId :

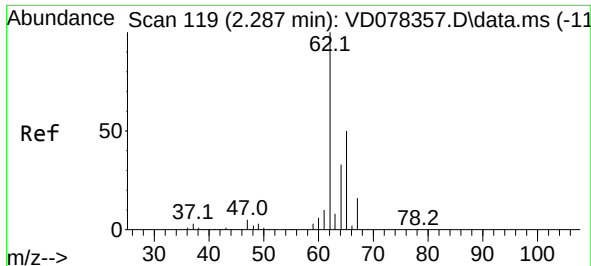
Tgt Ion: 85 Resp: 81653
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.3 37.9



#3
 Chloromethane
 Concen: 27.803 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.006 min
 Lab File: VD078364.D
 Acq: 07 Feb 2024 19:05

Tgt Ion: 50 Resp: 133827
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.7 42.3

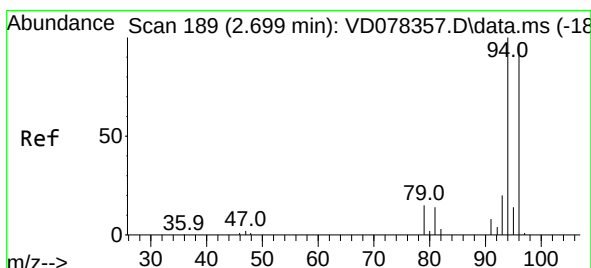
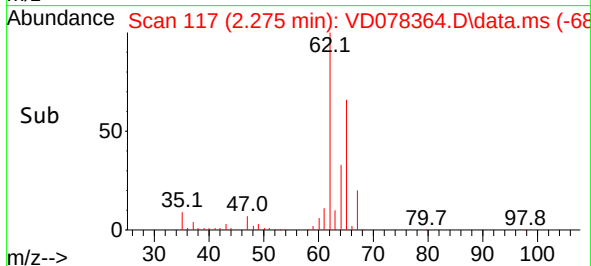
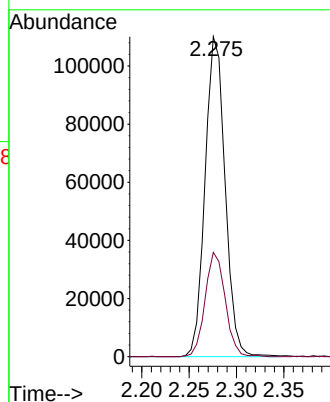
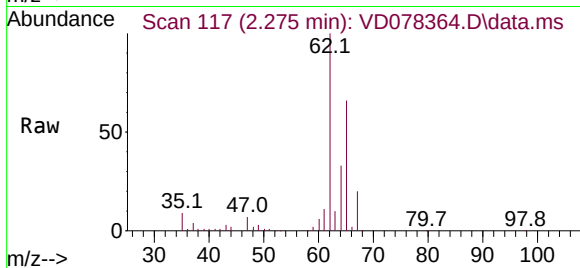




#5
 Vinyl chloride
 Concen: 27.231 ug/L
 RT: 2.275 min Scan# 119
 Delta R.T. -0.011 min
 Lab File: VD078364.D
 Acq: 07 Feb 2024 19:05

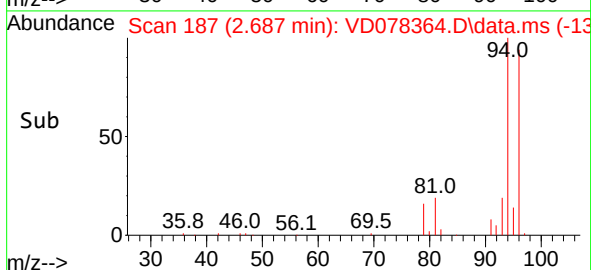
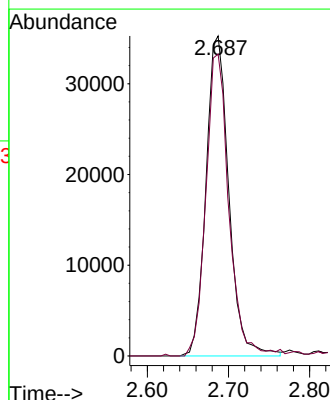
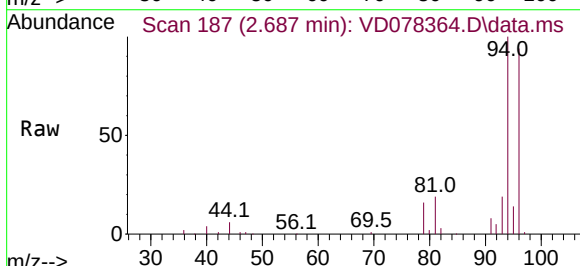
Instrument :
 MSVOA_D
 ClientSampleId :

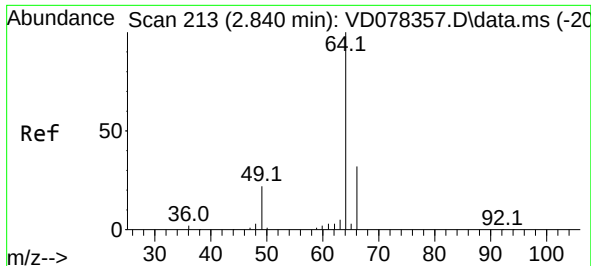
Tgt Ion: 62 Resp: 162062
 Ion Ratio Lower Upper
 62 100
 64 32.6 21.7 40.3



#6
 Bromomethane
 Concen: 25.496 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.012 min
 Lab File: VD078364.D
 Acq: 07 Feb 2024 19:05

Tgt Ion: 94 Resp: 68792
 Ion Ratio Lower Upper
 94 100
 96 94.4 64.8 120.4





#8

Chloroethane

Concen: 27.926 ug/L

RT: 2.828 min Scan# 211

Delta R.T. -0.011 min

Lab File: VD078364.D

Acq: 07 Feb 2024 19:05

Instrument :

MSVOA_D

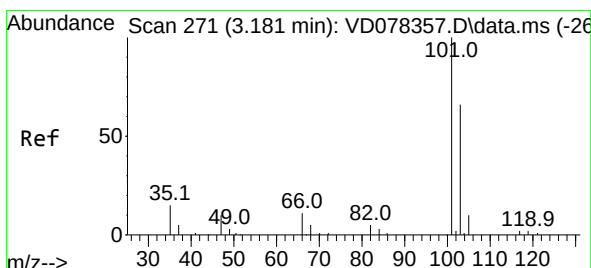
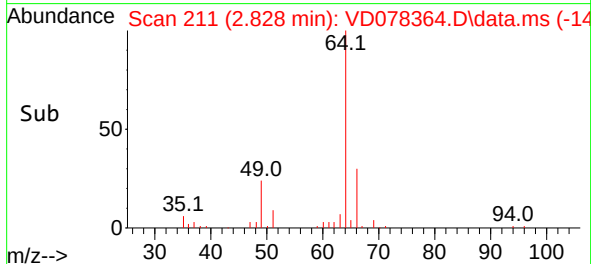
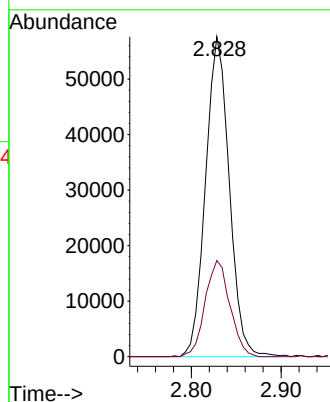
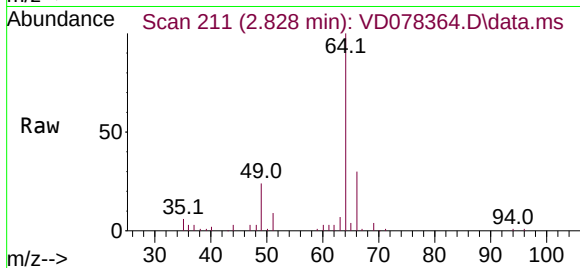
ClientSampleId :

Tgt Ion: 64 Resp: 105813

Ion Ratio Lower Upper

64 100

66 30.1 22.8 42.4



#9

Trichlorofluoromethane

Concen: 26.733 ug/L

RT: 3.164 min Scan# 268

Delta R.T. -0.017 min

Lab File: VD078364.D

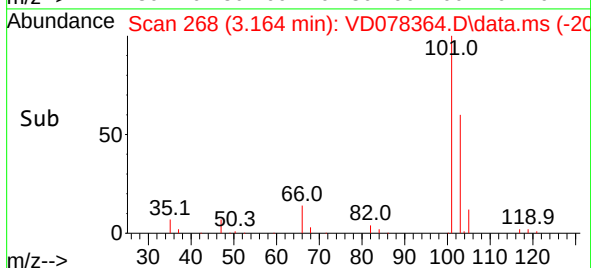
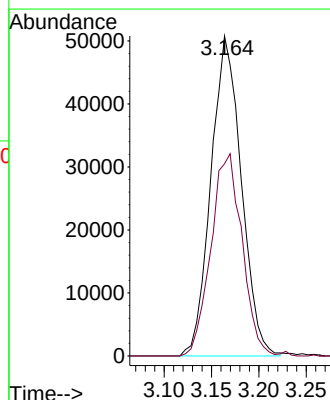
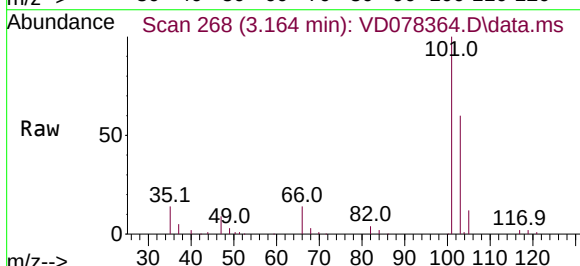
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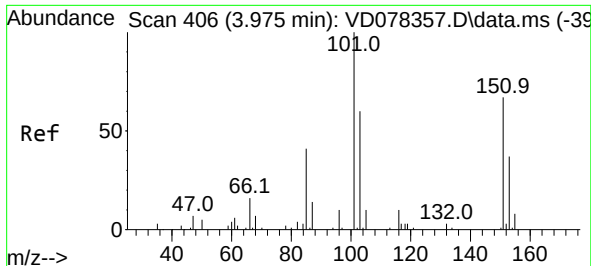
Tgt Ion:101 Resp: 113100

Ion Ratio Lower Upper

101 100

103 64.7 51.1 76.7

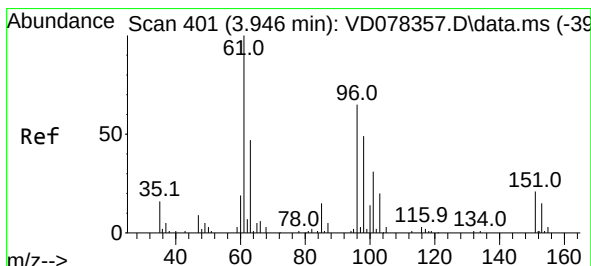
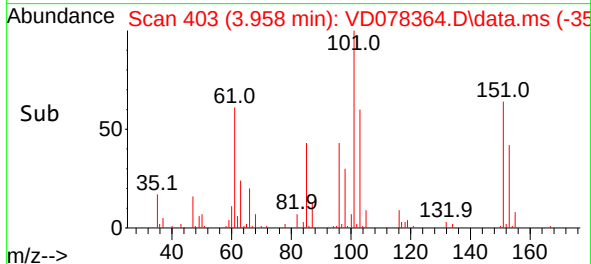
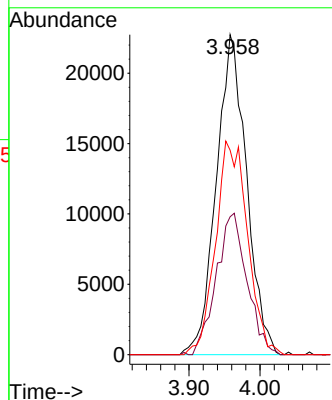
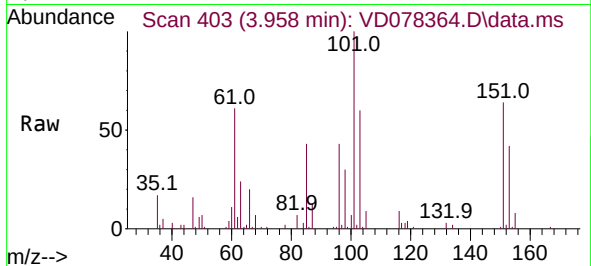




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.570 ug/L
 RT: 3.958 min Scan# 406
 Delta R.T. -0.017 min
 Lab File: VD078364.D
 Acq: 07 Feb 2024 19:05

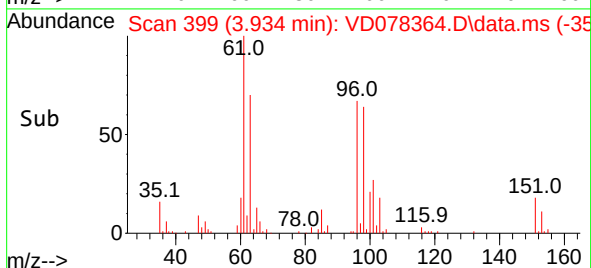
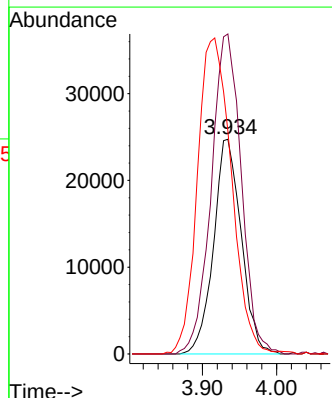
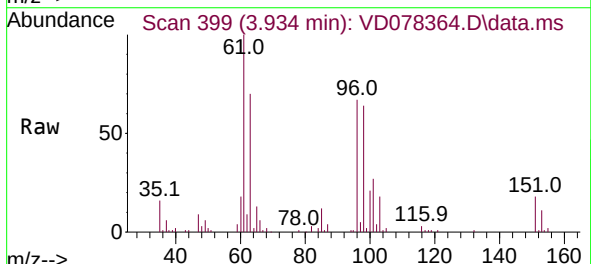
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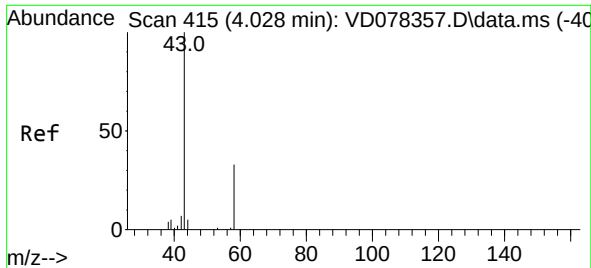
Tgt Ion:101 Resp: 67317
 Ion Ratio Lower Upper
 101 100
 85 44.9 34.6 51.8
 151 42.7 54.6 81.8#



#12
 1,1-Dichloroethene
 Concen: 26.286 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. -0.012 min
 Lab File: VD078364.D
 Acq: 07 Feb 2024 19:05

Tgt Ion: 96 Resp: 64046
 Ion Ratio Lower Upper
 96 100
 61 149.0 108.8 202.2
 63 103.9 65.2 121.0





#13

Acetone

Concen: 43.433 ug/L

RT: 4.028 min Scan# 415

Delta R.T. 0.000 min

Lab File: VD078364.D

Acq: 07 Feb 2024 19:05

Instrument :

MSVOA_D

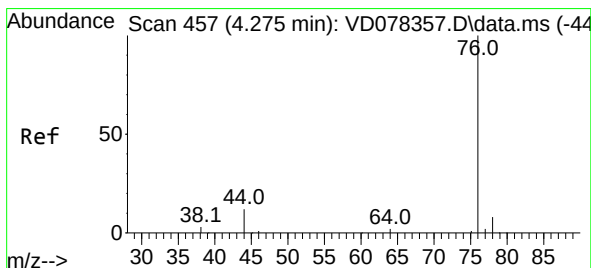
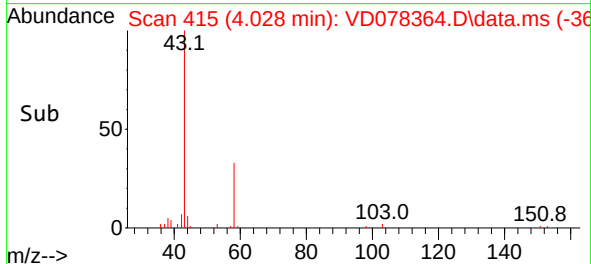
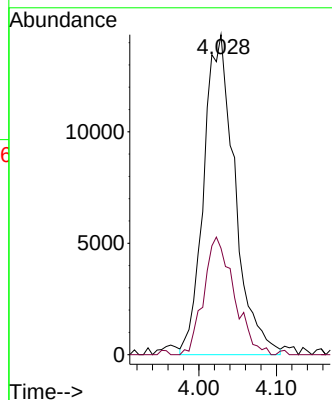
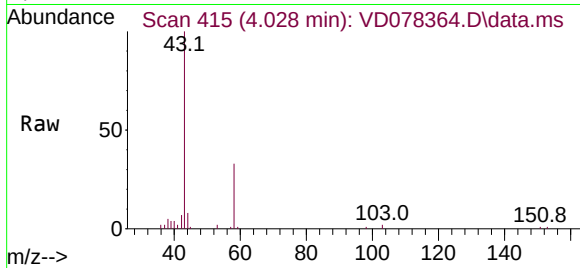
ClientSampleId :

Tgt Ion: 43 Resp: 39986

Ion Ratio Lower Upper

43 100

58 35.8 0.0 67.2



#14

Carbon disulfide

Concen: 24.089 ug/L

RT: 4.264 min Scan# 455

Delta R.T. -0.011 min

Lab File: VD078364.D

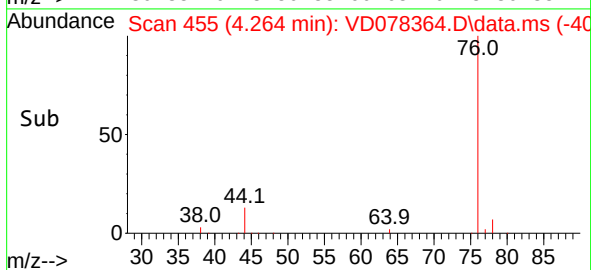
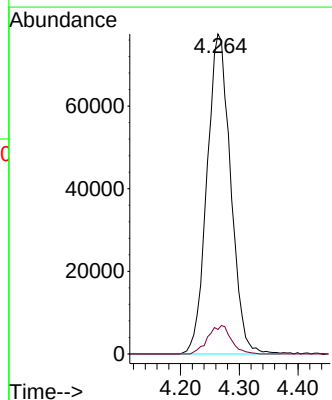
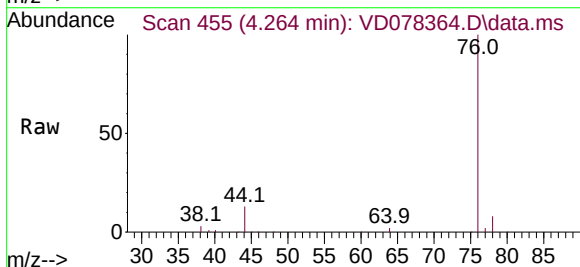
Acq: 07 Feb 2024 19:05

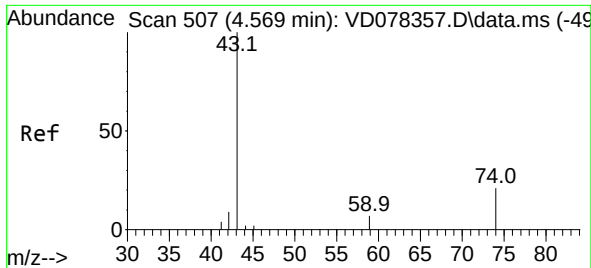
Tgt Ion: 76 Resp: 216327

Ion Ratio Lower Upper

76 100

78 7.6 7.8 11.8#

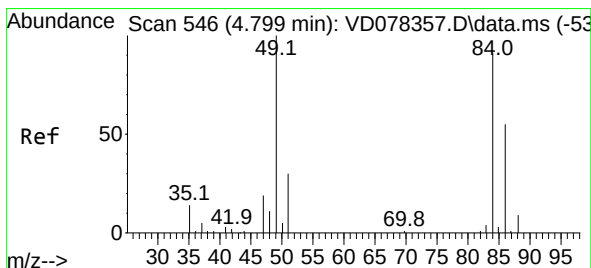
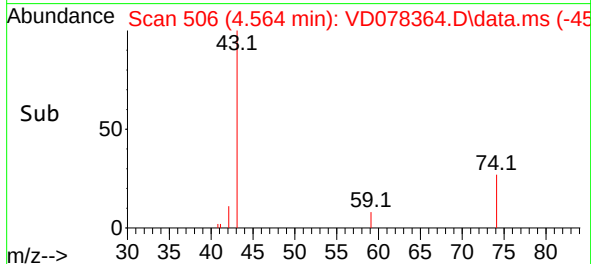
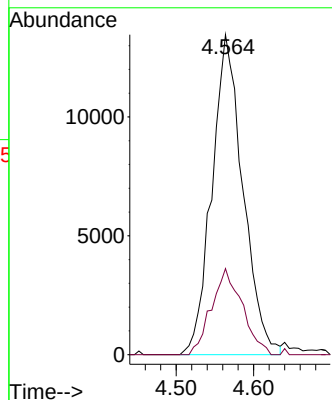
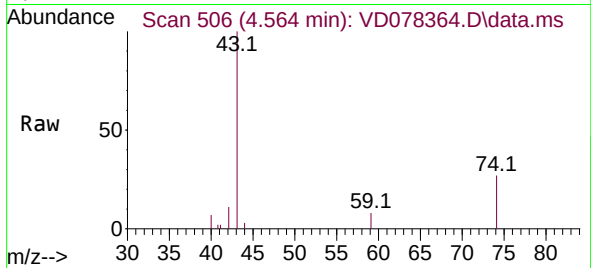




#15
Methyl Acetate
Concen: 27.171 ug/L
RT: 4.564 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD078364.D
Acq: 07 Feb 2024 19:05

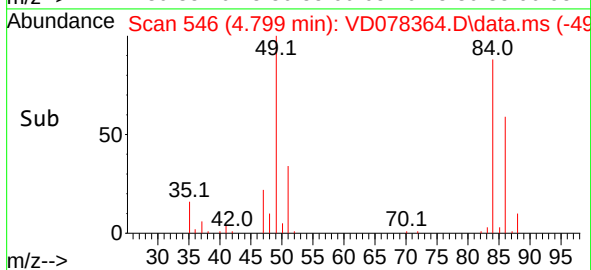
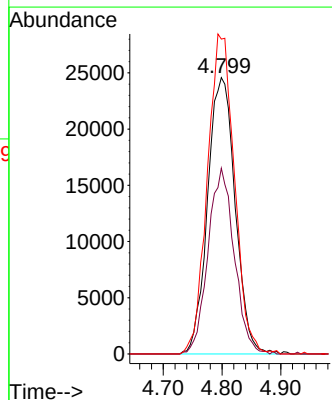
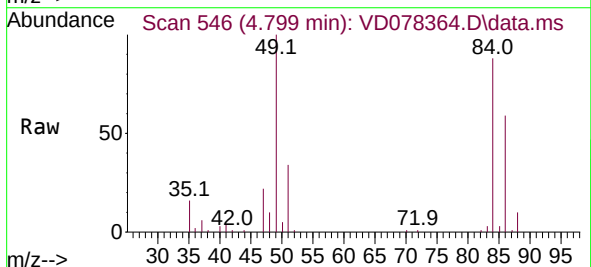
Instrument :
MSVOA_D
ClientSampleId :

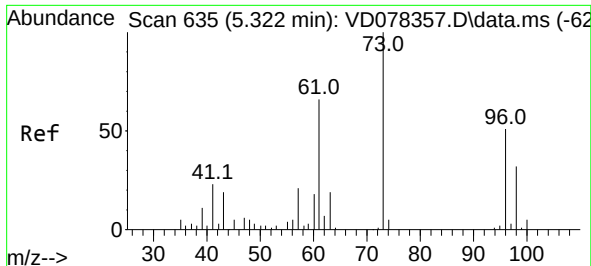
Tgt Ion: 43 Resp: 37481
Ion Ratio Lower Upper
43 100
74 26.6 12.7 19.1#



#16
Methylene chloride
Concen: 24.369 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD078364.D
Acq: 07 Feb 2024 19:05

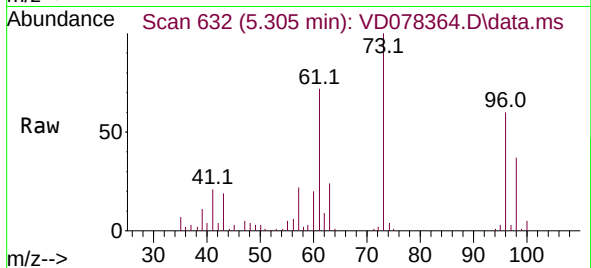
Tgt Ion: 84 Resp: 80221
Ion Ratio Lower Upper
84 100
86 67.2 45.4 84.2
49 113.9 77.3 143.7



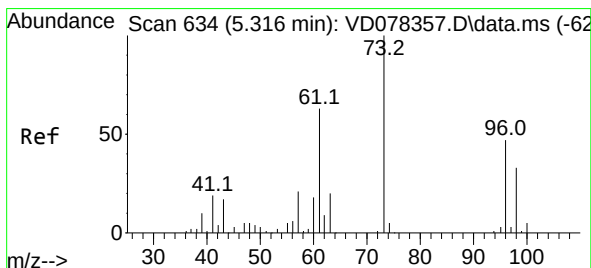
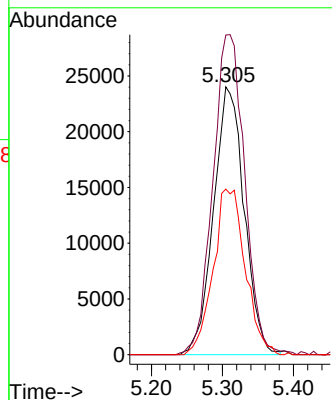
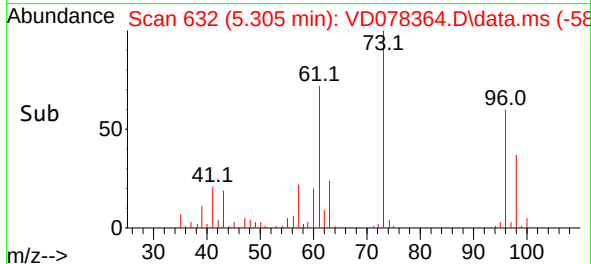


#17
trans-1,2-Dichloroethene
Concen: 26.809 ug/L
RT: 5.305 min Scan# 61
Delta R.T. -0.017 min
Lab File: VD078364.D
Acq: 07 Feb 2024 19:05

Instrument :
MSVOA_D
ClientSampleId :

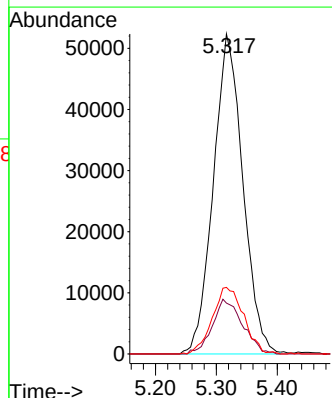
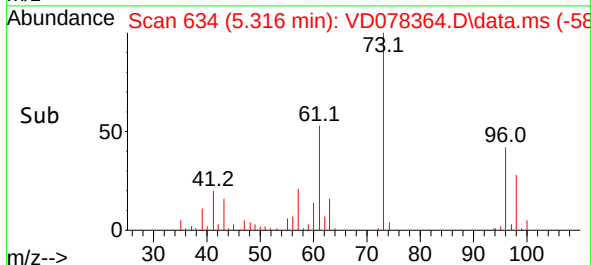
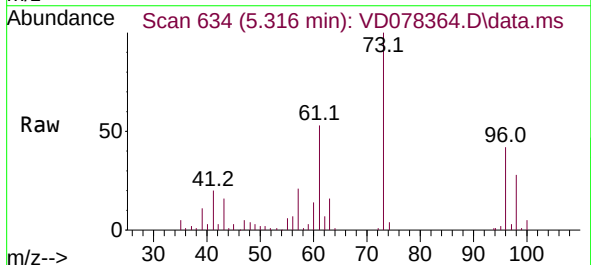


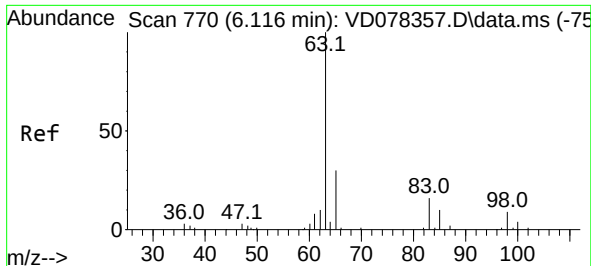
Tgt Ion: 96 Resp: 71977
Ion Ratio Lower Upper
96 100
61 119.3 82.7 153.7
98 61.8 40.7 75.7



#18
Methyl tert-butyl Ether
Concen: 28.225 ug/L
RT: 5.316 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD078364.D
Acq: 07 Feb 2024 19:05

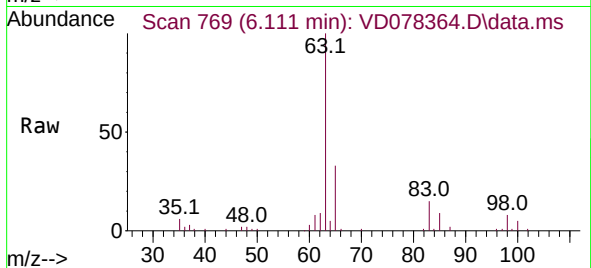
Tgt Ion: 73 Resp: 176252
Ion Ratio Lower Upper
73 100
43 17.2 13.3 19.9
57 21.9 17.2 25.8



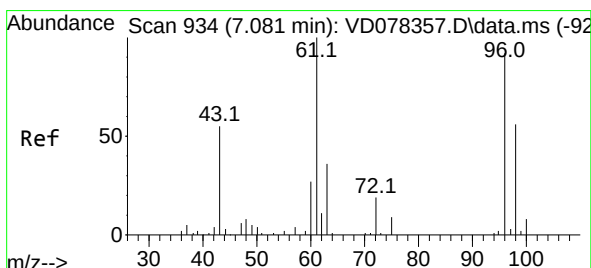
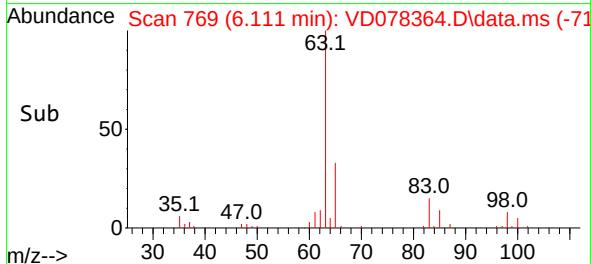
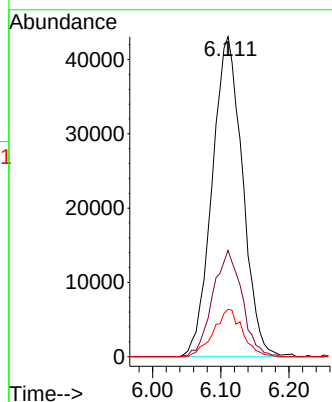


#19
 1,1-Dichloroethane
 Concen: 28.389 ug/L
 RT: 6.111 min Scan# 770
 Delta R.T. -0.006 min
 Lab File: VD078364.D
 Acq: 07 Feb 2024 19:05

Instrument :
 MSVOA_D
 ClientSampleId :

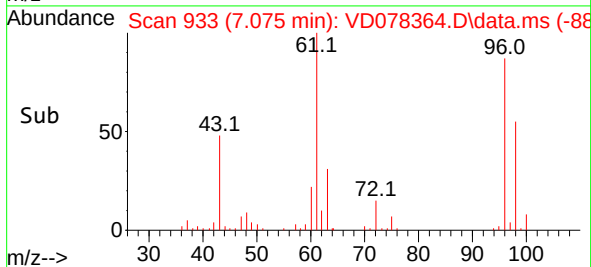
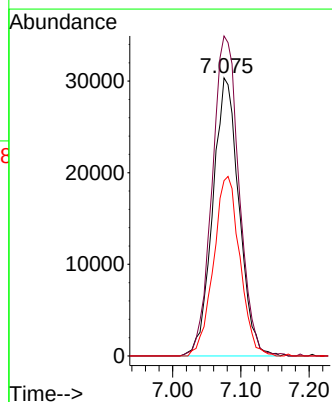
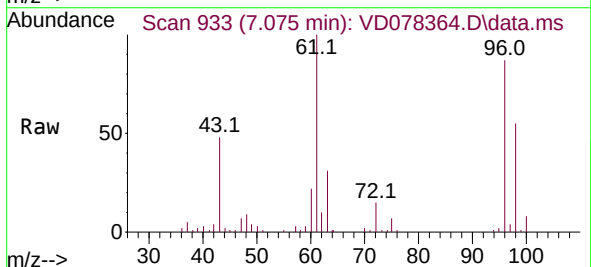


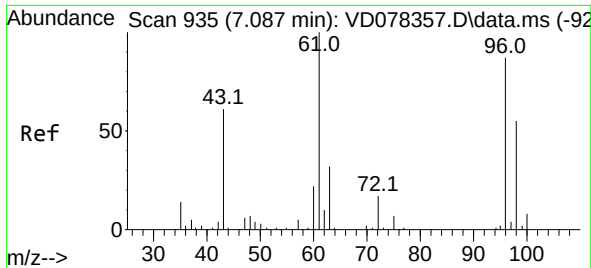
Tgt Ion: 63 Resp: 133375
 Ion Ratio Lower Upper
 63 100
 65 33.2 21.8 40.4
 83 14.8 10.1 18.9



#20
 cis-1,2-Dichloroethene
 Concen: 27.709 ug/L
 RT: 7.075 min Scan# 933
 Delta R.T. -0.006 min
 Lab File: VD078364.D
 Acq: 07 Feb 2024 19:05

Tgt Ion: 96 Resp: 81534
 Ion Ratio Lower Upper
 96 100
 61 115.1 75.6 140.4
 98 63.1 43.1 80.1

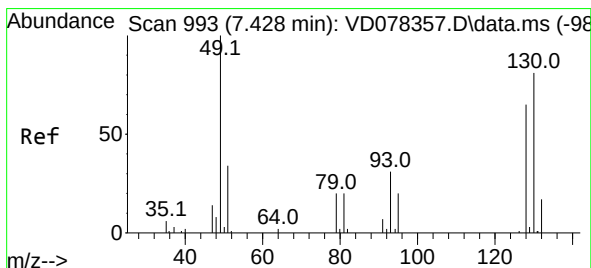
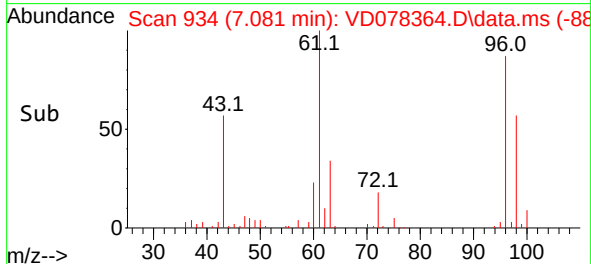
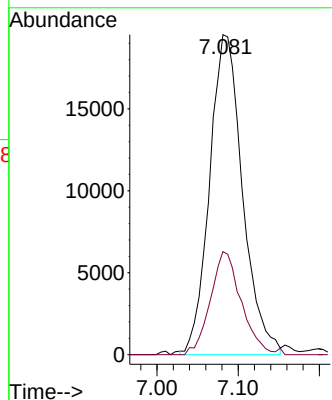
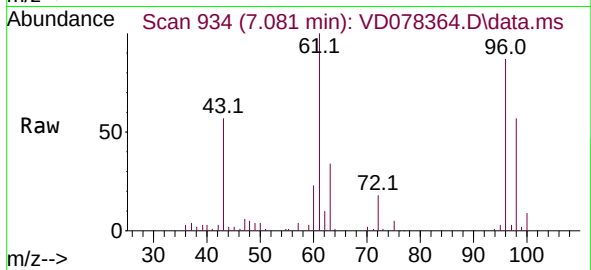




#22
2-Butanone
Concen: 49.471 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078364.D
Acq: 07 Feb 2024 19:05

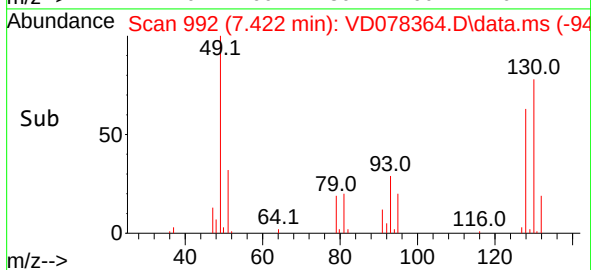
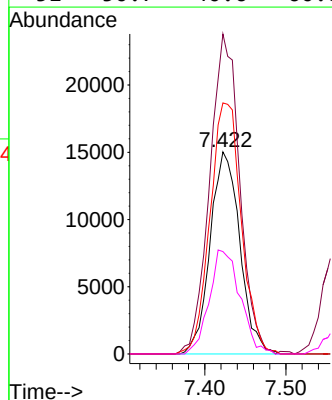
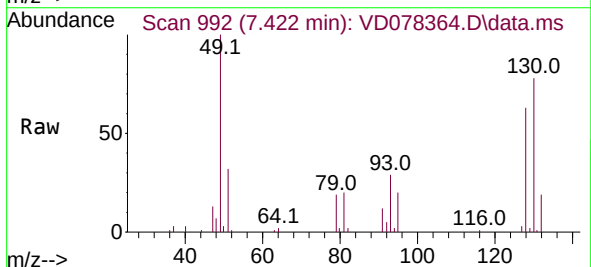
Instrument :
MSVOA_D
ClientSampleId :

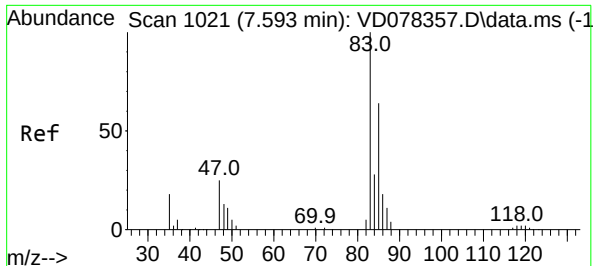
Tgt Ion: 43 Resp: 55145
Ion Ratio Lower Upper
43 100
72 30.1 15.4 46.2



#23
Bromochloromethane
Concen: 29.374 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD078364.D
Acq: 07 Feb 2024 19:05

Tgt Ion:128 Resp: 38179
Ion Ratio Lower Upper
128 100
49 158.3 102.7 190.7
130 124.2 82.6 153.4
51 50.7 40.6 60.8





#25

Chloroform

Concen: 28.809 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD078364.D

Acq: 07 Feb 2024 19:05

Instrument :

MSVOA_D

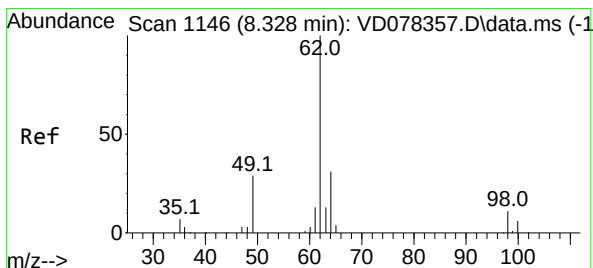
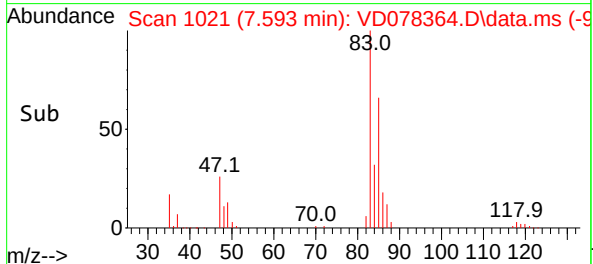
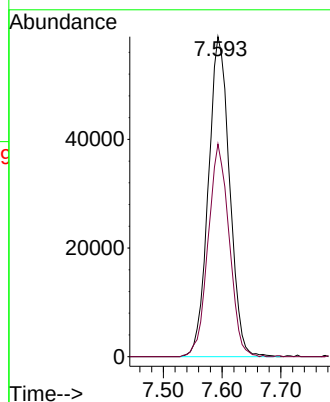
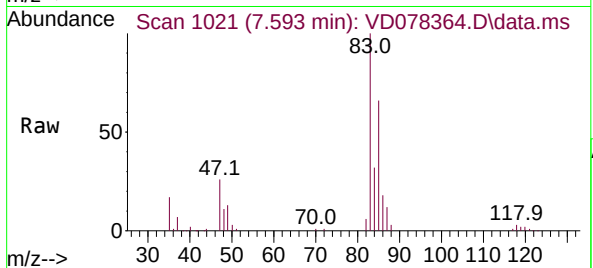
ClientSampleId :

Tgt Ion: 83 Resp: 147695

Ion Ratio Lower Upper

83 100

85 66.4 44.9 83.3



#27

1,2-Dichloroethane

Concen: 28.498 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD078364.D

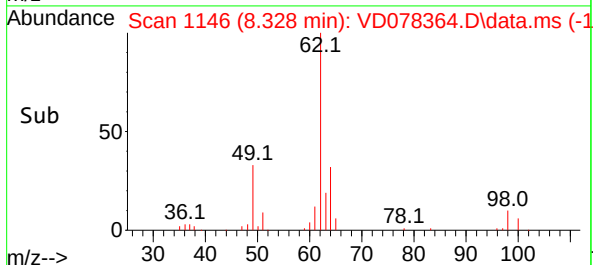
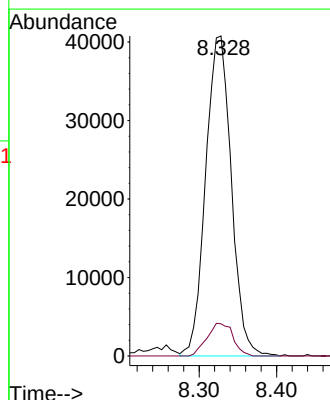
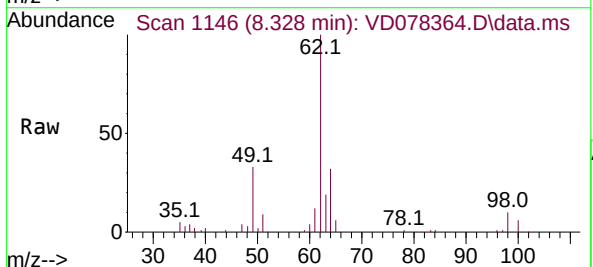
Acq: 07 Feb 2024 19:05

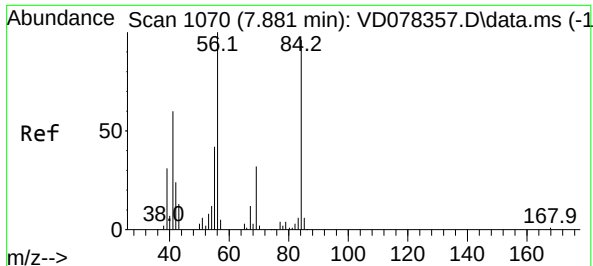
Tgt Ion: 62 Resp: 93828

Ion Ratio Lower Upper

62 100

98 10.0 9.5 14.3





#29

Cyclohexane

Concen: 25.581 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078364.D

Acq: 07 Feb 2024 19:05

Instrument :

MSVOA_D

ClientSampleId :

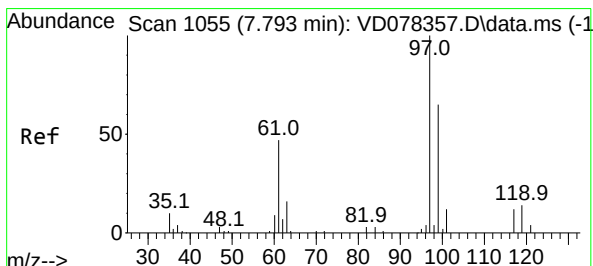
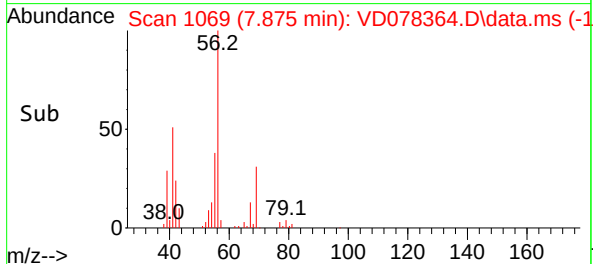
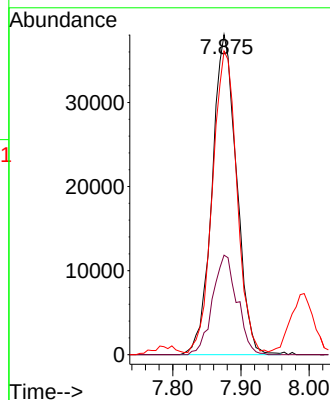
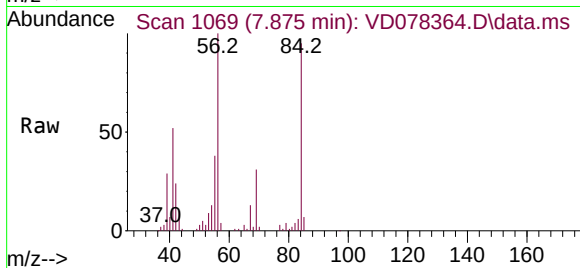
Tgt Ion: 56 Resp: 95088

Ion Ratio Lower Upper

56 100

69 31.2 23.3 34.9

84 95.0 74.7 112.1



#30

1,1,1-Trichloroethane

Concen: 28.476 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD078364.D

Acq: 07 Feb 2024 19:05

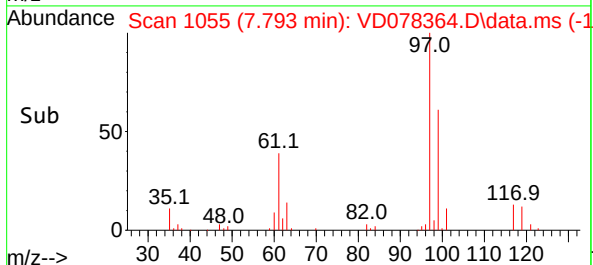
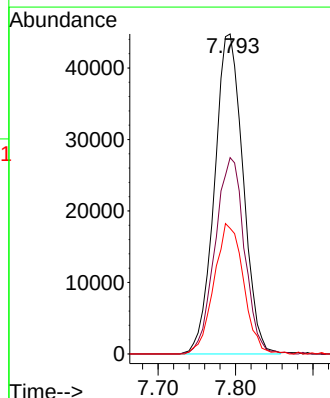
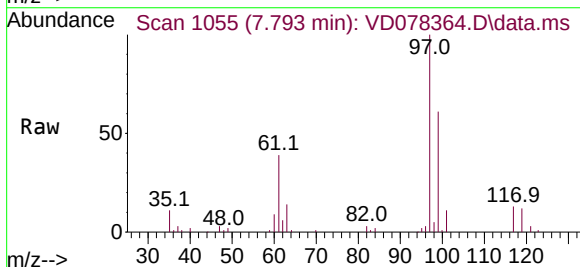
Tgt Ion: 97 Resp: 114783

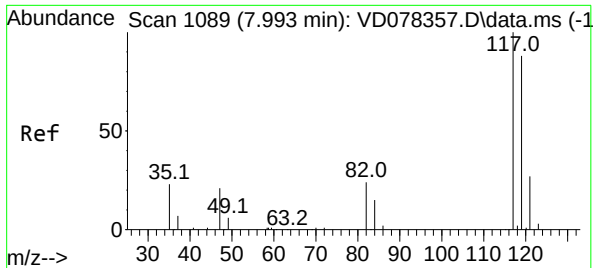
Ion Ratio Lower Upper

97 100

99 63.0 50.7 76.1

61 41.9 34.4 51.6

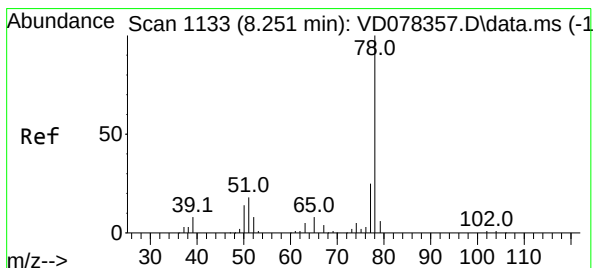
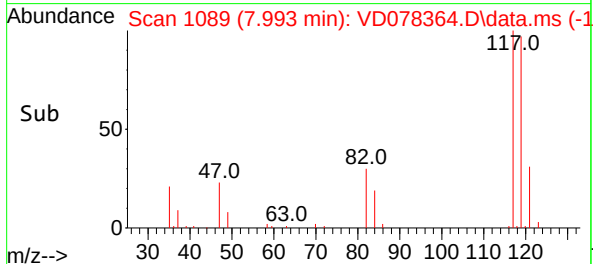
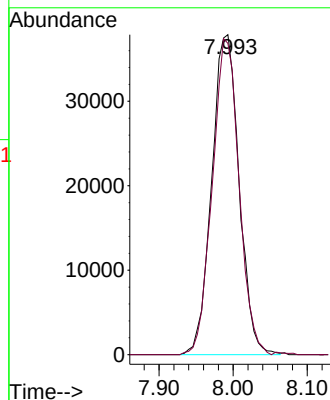
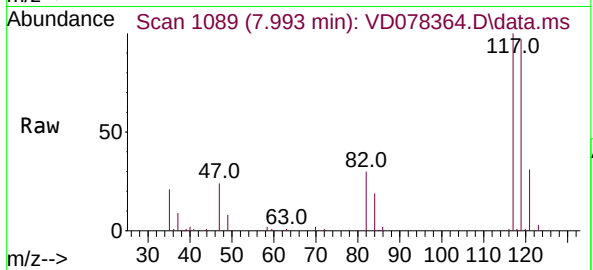




#31
Carbon tetrachloride
Concen: 27.372 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD078364.D
Acq: 07 Feb 2024 19:05

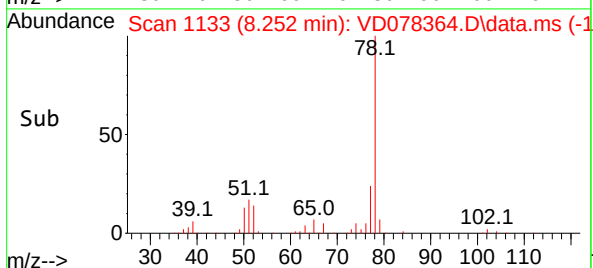
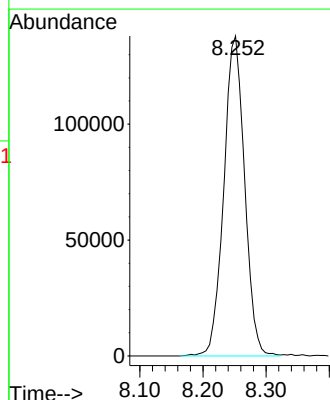
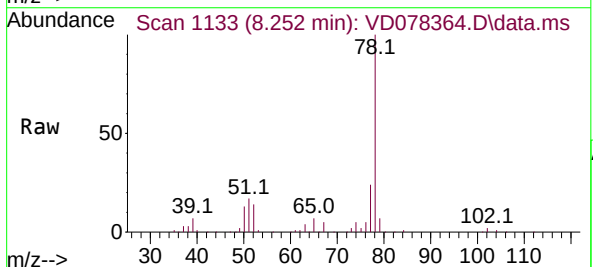
Instrument :
MSVOA_D
ClientSampleId :

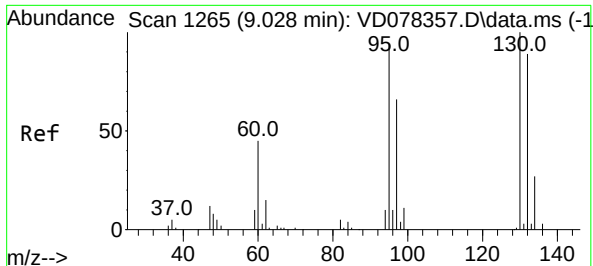
Tgt Ion:117 Resp: 97196
Ion Ratio Lower Upper
117 100
119 96.4 77.0 115.4



#33
Benzene
Concen: 28.540 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078364.D
Acq: 07 Feb 2024 19:05

Tgt Ion: 78 Resp: 316241





#34

Trichloroethene

Concen: 26.323 ug/L

RT: 9.028 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078364.D

Acq: 07 Feb 2024 19:05

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 73665

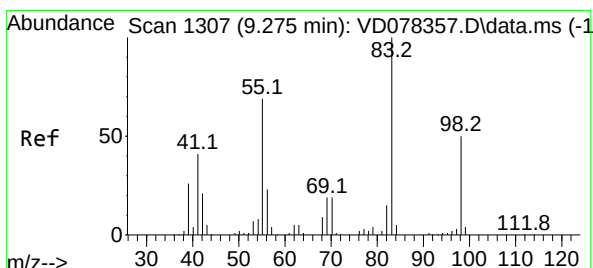
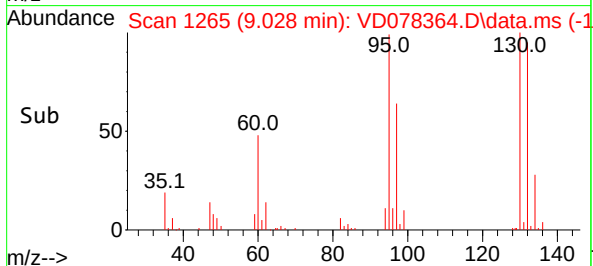
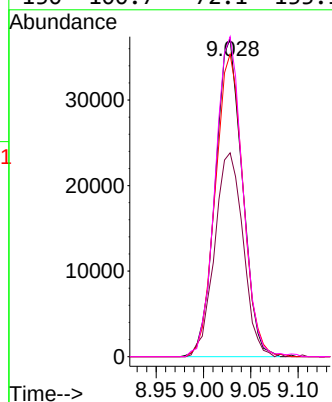
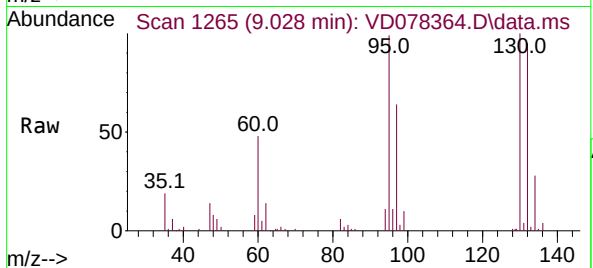
Ion Ratio Lower Upper

95 100

97 64.2 46.9 87.1

132 95.2 73.7 136.9

130 100.7 72.1 133.9



#35

Methylcyclohexane

Concen: 25.320 ug/L

RT: 9.269 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VD078364.D

Acq: 07 Feb 2024 19:05

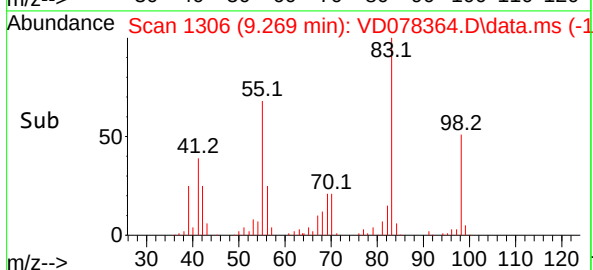
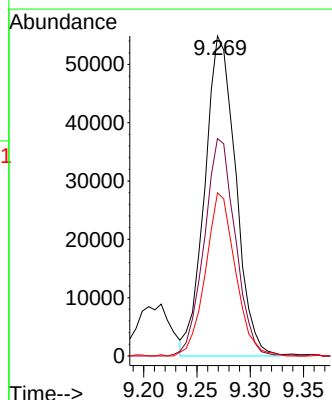
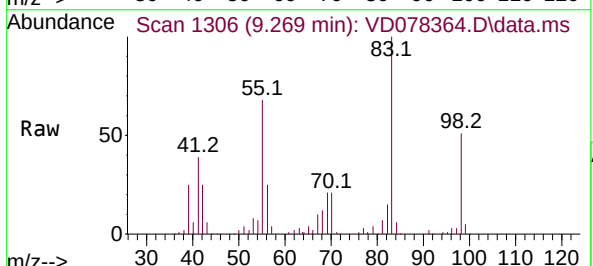
Tgt Ion: 83 Resp: 110877

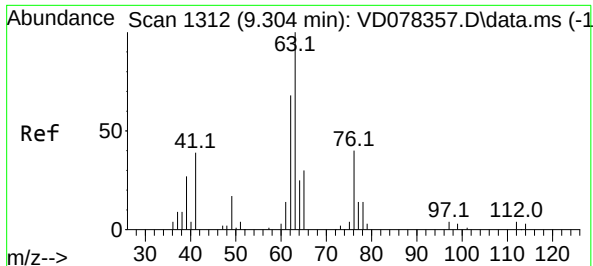
Ion Ratio Lower Upper

83 100

55 68.1 56.2 84.4

98 49.2 41.2 61.8





#37

1,2-Dichloropropane

Concen: 27.551 ug/L

RT: 9.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078364.D

Acq: 07 Feb 2024 19:05

Instrument :

MSVOA_D

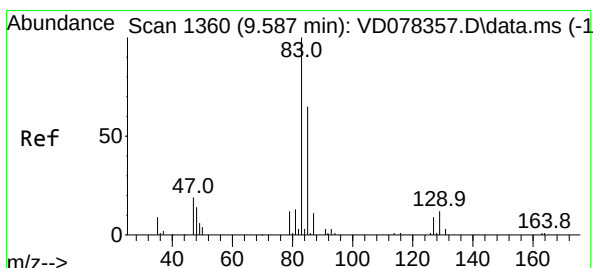
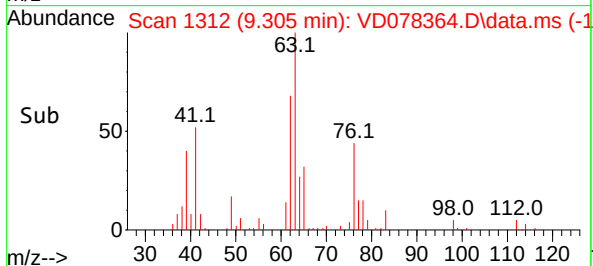
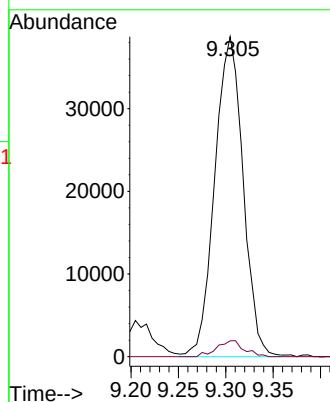
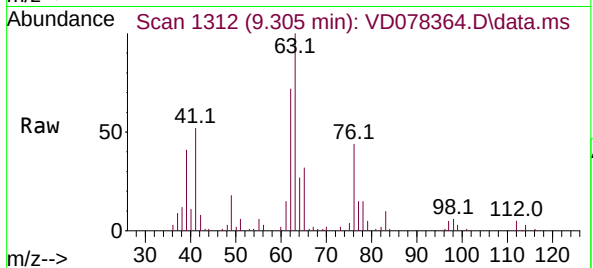
ClientSampleId :

Tgt Ion: 63 Resp: 80442

Ion Ratio Lower Upper

63 100

112 4.5 3.4 5.2



#38

Bromodichloromethane

Concen: 29.610 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD078364.D

Acq: 07 Feb 2024 19:05

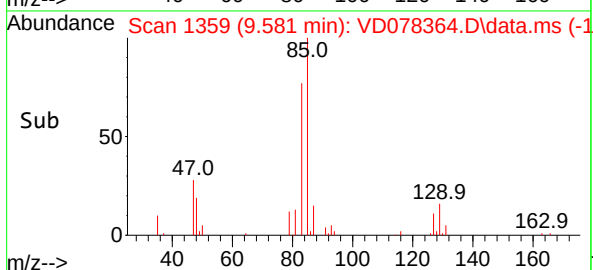
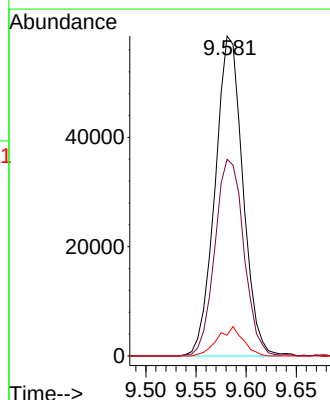
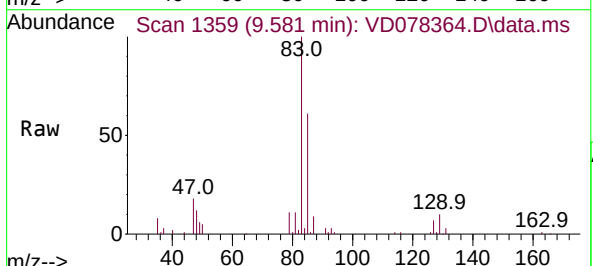
Tgt Ion: 83 Resp: 112801

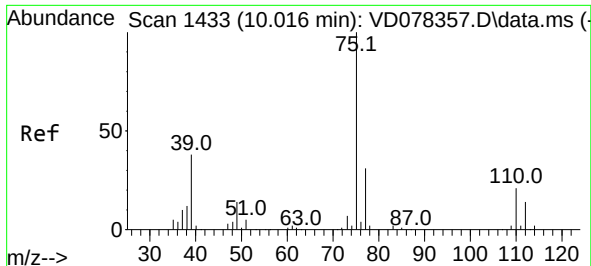
Ion Ratio Lower Upper

83 100

85 61.4 46.6 86.6

127 6.5 8.1 12.1#





#39

cis-1,3-Dichloropropene

Concen: 29.086 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD078364.D

Acq: 07 Feb 2024 19:05

Instrument :

MSVOA_D

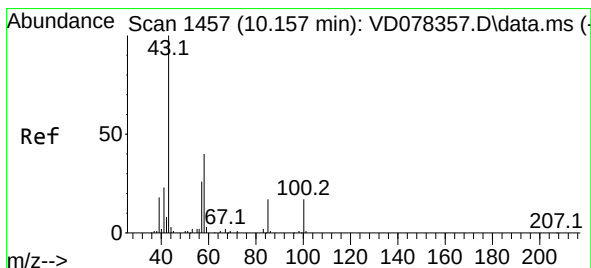
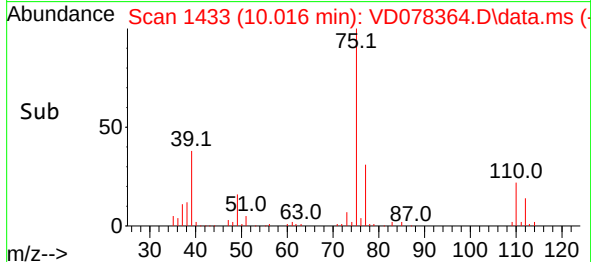
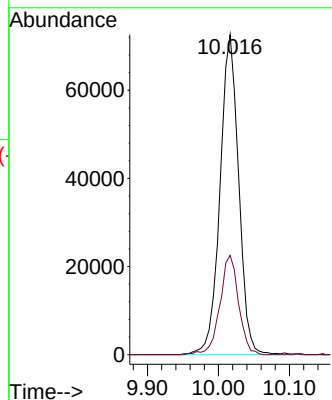
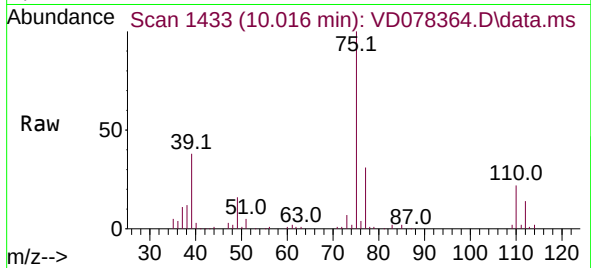
ClientSampleId :

Tgt Ion: 75 Resp: 132188

Ion Ratio Lower Upper

75 100

77 31.1 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 60.253 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD078364.D

Acq: 07 Feb 2024 19:05

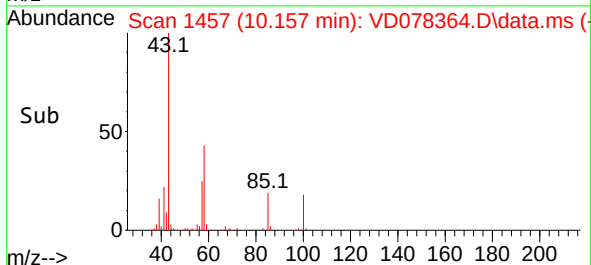
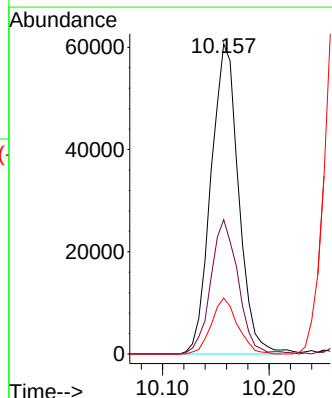
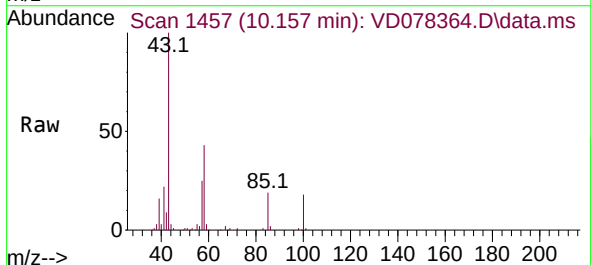
Tgt Ion: 43 Resp: 109259

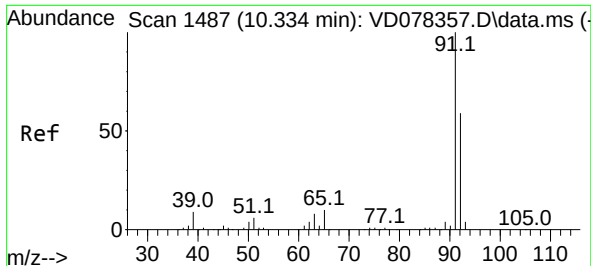
Ion Ratio Lower Upper

43 100

58 42.5 34.0 51.0

100 17.1 13.2 19.8

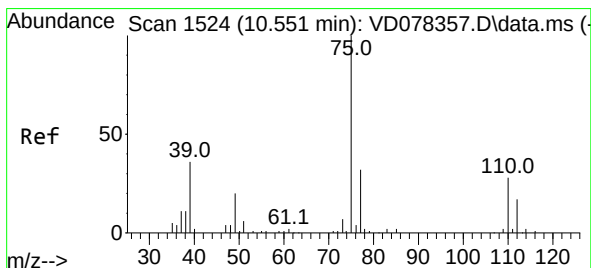
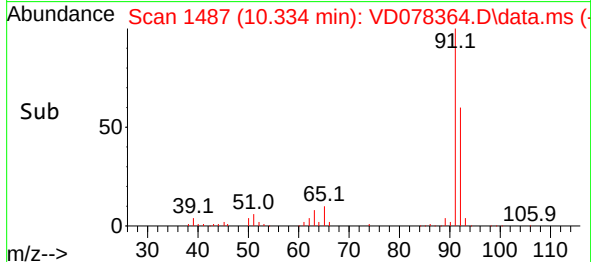
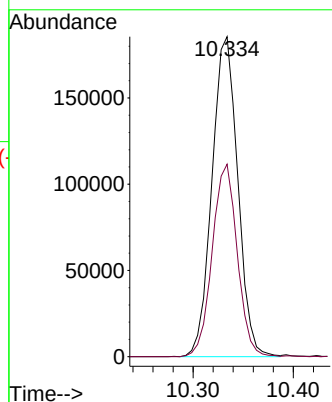
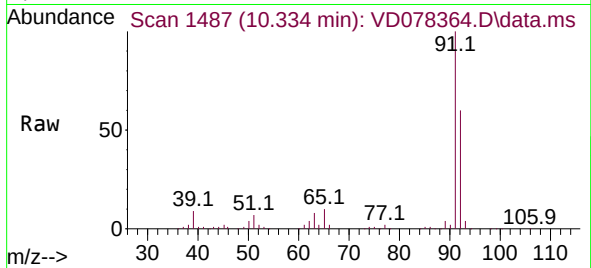




#42
Toluene
Concen: 28.793 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078364.D
Acq: 07 Feb 2024 19:05

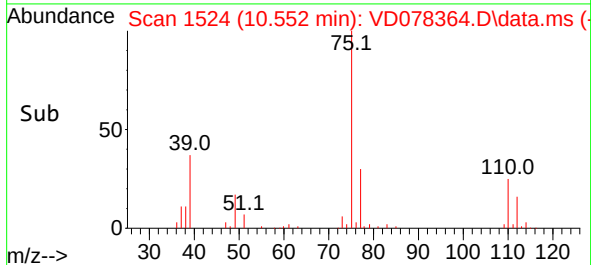
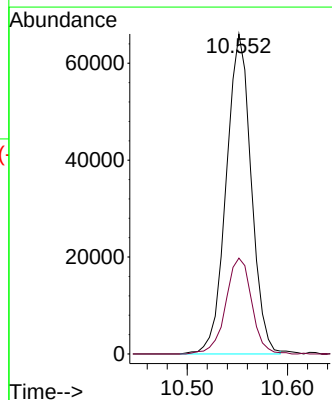
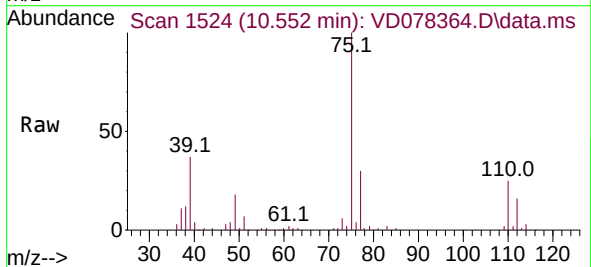
Instrument :
MSVOA_D
ClientSampleId :

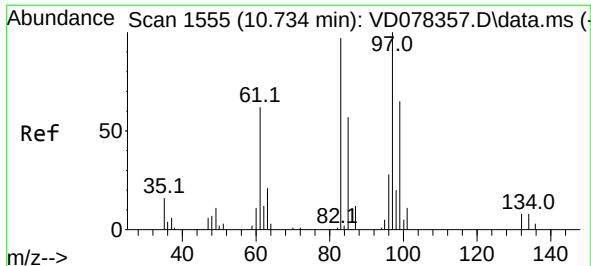
Tgt Ion: 91 Resp: 331936
Ion Ratio Lower Upper
91 100
92 60.1 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 28.770 ug/L
RT: 10.552 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD078364.D
Acq: 07 Feb 2024 19:05

Tgt Ion: 75 Resp: 114400
Ion Ratio Lower Upper
75 100
77 29.9 20.7 38.5

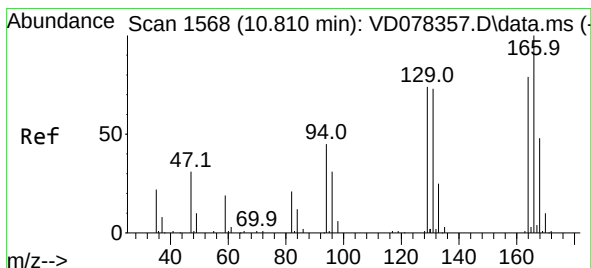
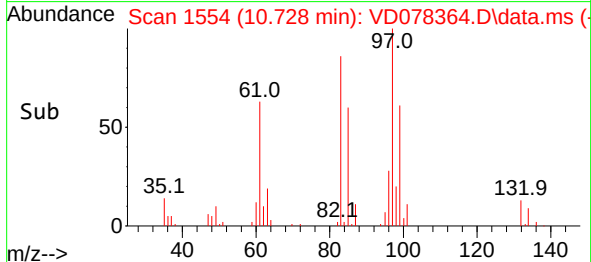
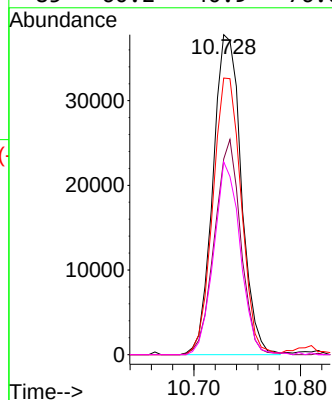
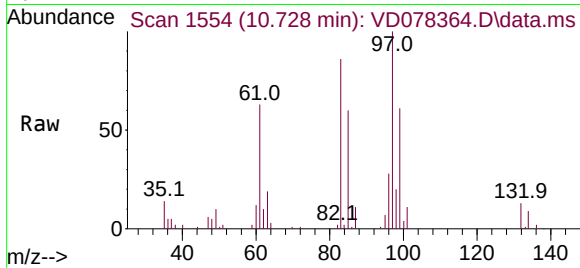




#45
1,1,2-Trichloroethane
Concen: 29.941 ug/L
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD078364.D
Acq: 07 Feb 2024 19:05

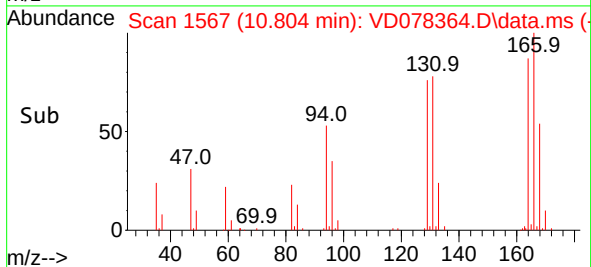
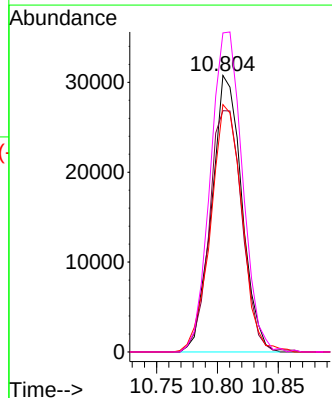
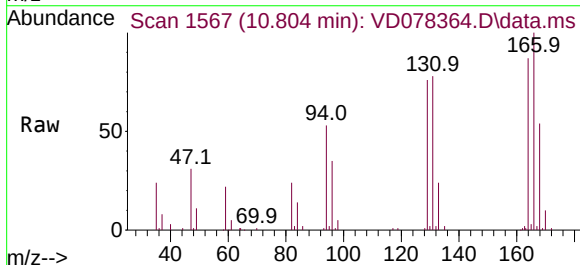
Instrument :
MSVOA_D
ClientSampleId :

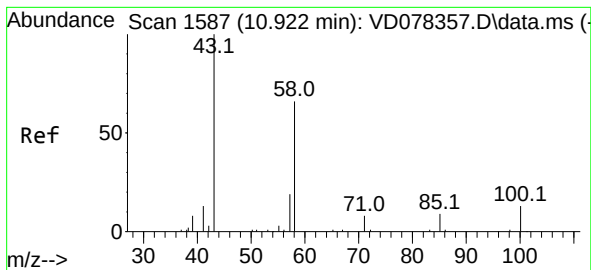
Tgt Ion: 97	Resp: 69682
Ion Ratio	Lower Upper
97 100	
99 61.2	45.4 84.4
83 86.5	59.5 110.5
85 60.2	40.9 76.0



#46
Tetrachloroethene
Concen: 27.705 ug/L
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD078364.D
Acq: 07 Feb 2024 19:05

Tgt	Ion:164	Resp:	53239
Ion	Ratio	Lower	Upper
164	100		
129	87.3	66.7	123.9
131	89.5	65.2	121.0
166	115.4	88.5	164.3

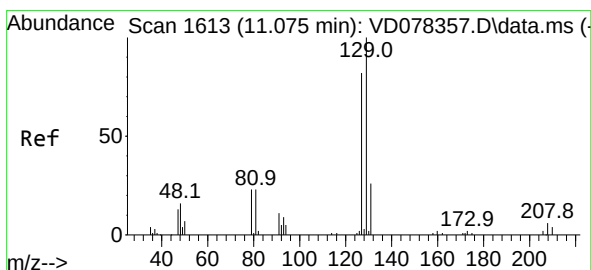
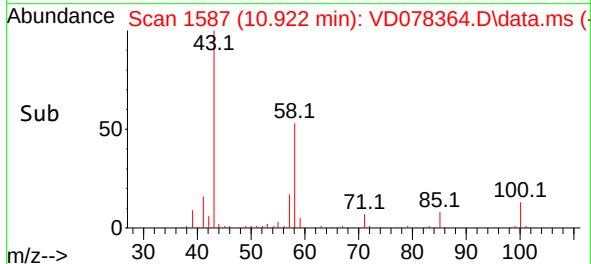
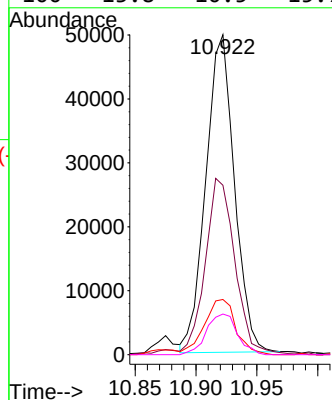
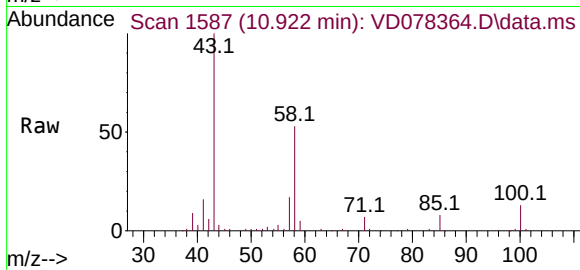




#48
2-Hexanone
Concen: 54.994 ug/L
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078364.D
Acq: 07 Feb 2024 19:05

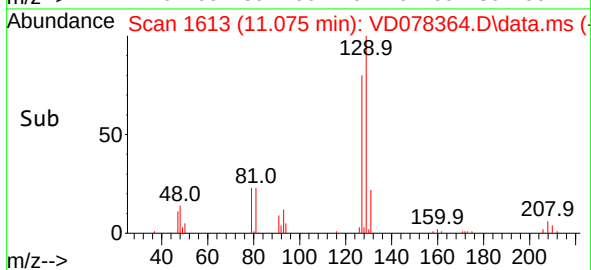
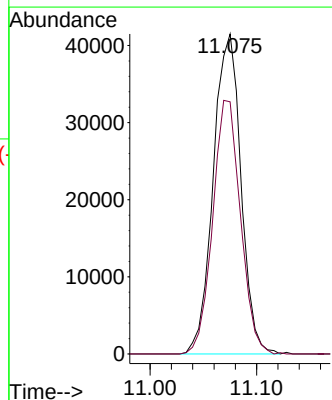
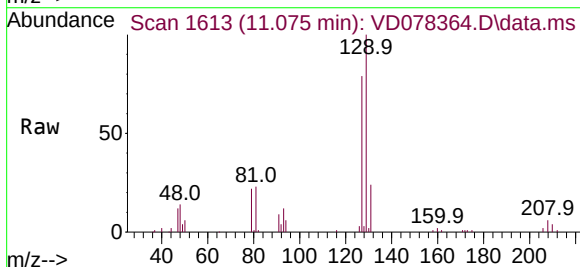
Instrument :
MSVOA_D
ClientSampleId :

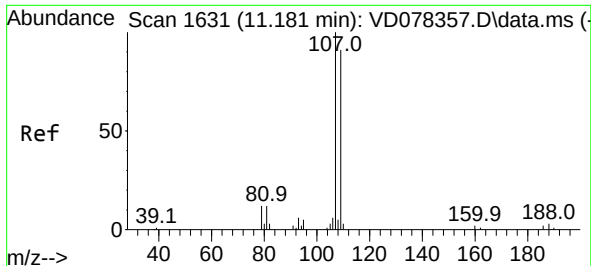
Tgt Ion:	43	Resp:	81342
Ion	Ratio	Lower	Upper
43	100		
58	57.4	48.5	72.7
57	19.1	15.6	23.4
100	13.8	10.5	15.7



#49
Dibromochloromethane
Concen: 28.611 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078364.D
Acq: 07 Feb 2024 19:05

Tgt Ion:	129	Resp:	74835
Ion	Ratio	Lower	Upper
129	100		
127	78.8	52.7	97.9

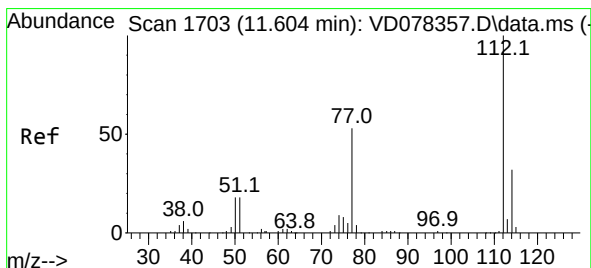
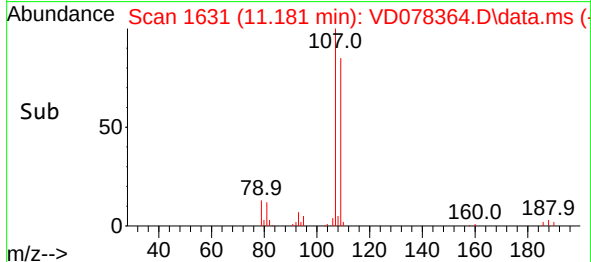
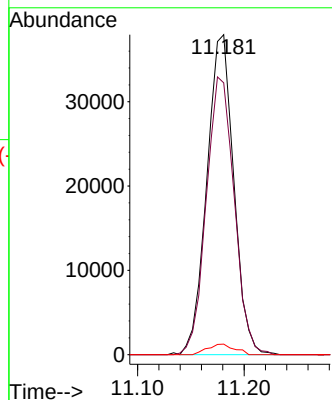
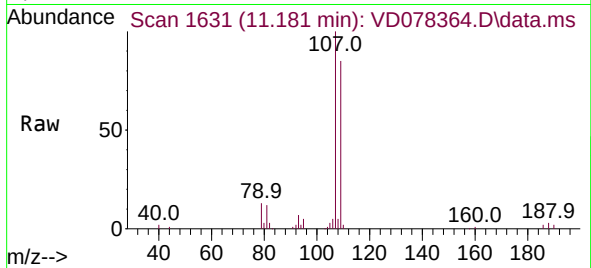




#50
1,2-Dibromoethane
Concen: 29.389 ug/L
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078364.D
Acq: 07 Feb 2024 19:05

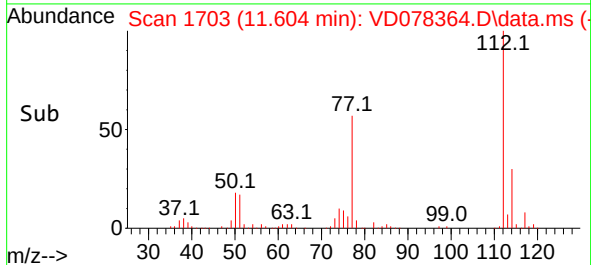
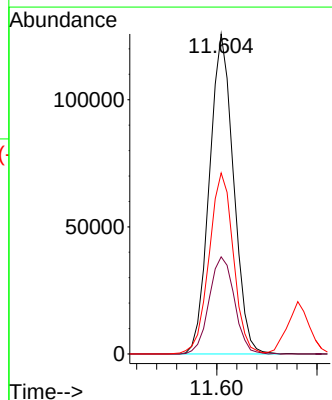
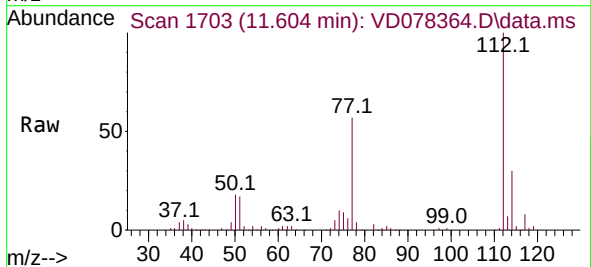
Instrument :
MSVOA_D
ClientSampleId :

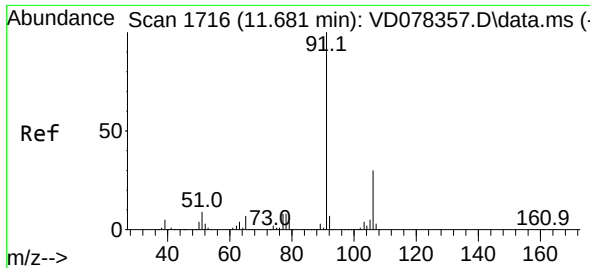
Tgt Ion:107 Resp: 66720
Ion Ratio Lower Upper
107 100
109 85.0 64.0 118.8
188 3.3 3.1 4.7



#51
Chlorobenzene
Concen: 28.210 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078364.D
Acq: 07 Feb 2024 19:05

Tgt Ion:112 Resp: 210575
Ion Ratio Lower Upper
112 100
114 30.3 22.3 41.3
77 56.6 42.3 63.5

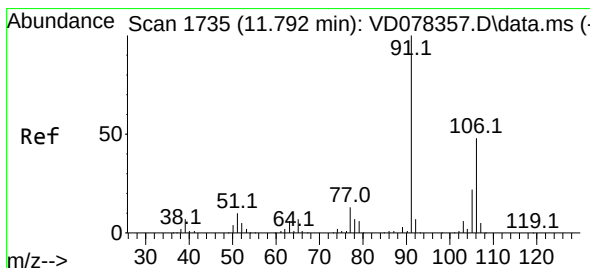
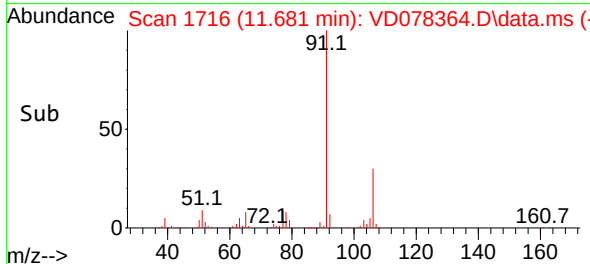
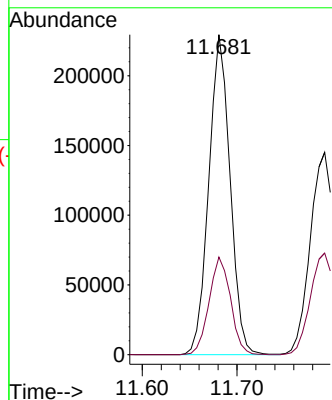
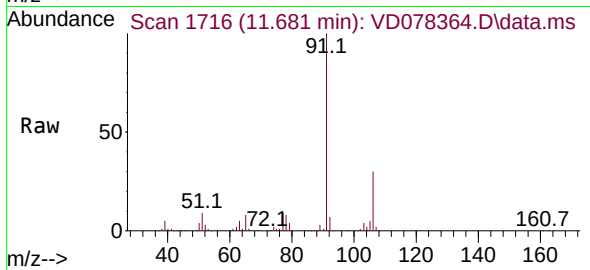




#52
Ethylbenzene
Concen: 28.886 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078364.D
Acq: 07 Feb 2024 19:05

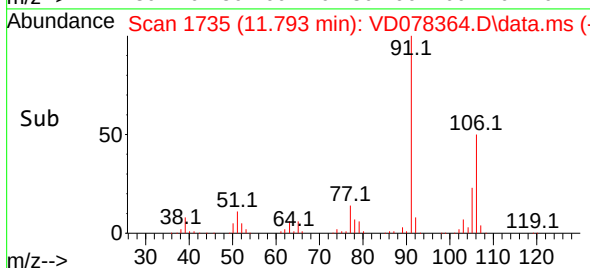
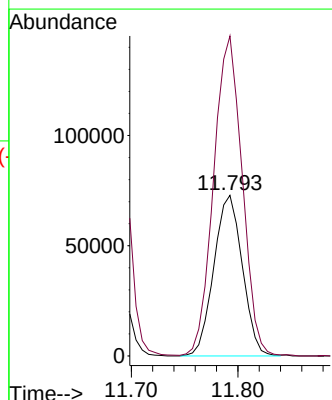
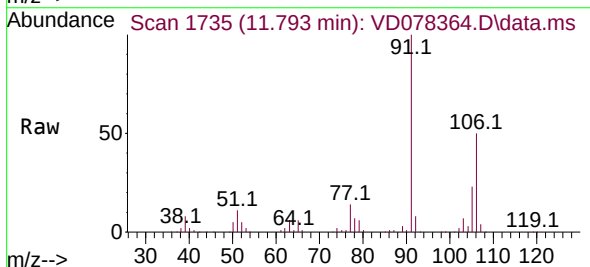
Instrument :
MSVOA_D
ClientSampleId :

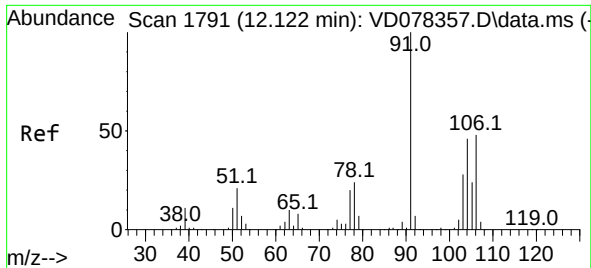
Tgt Ion: 91 Resp: 357719
Ion Ratio Lower Upper
91 100
106 30.5 22.5 41.7



#53
m,p-Xylene
Concen: 28.453 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078364.D
Acq: 07 Feb 2024 19:05

Tgt Ion: 106 Resp: 135420
Ion Ratio Lower Upper
106 100
91 199.1 138.3 256.8

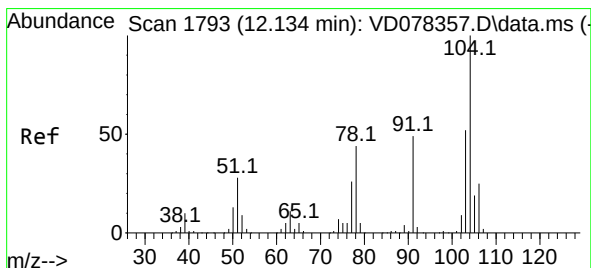
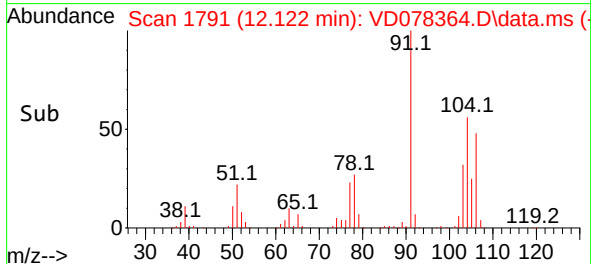
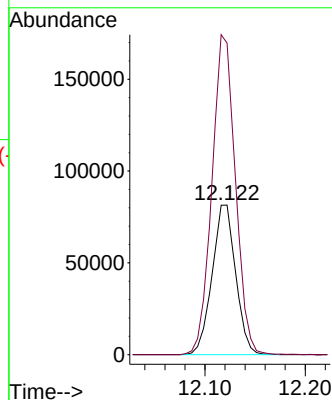
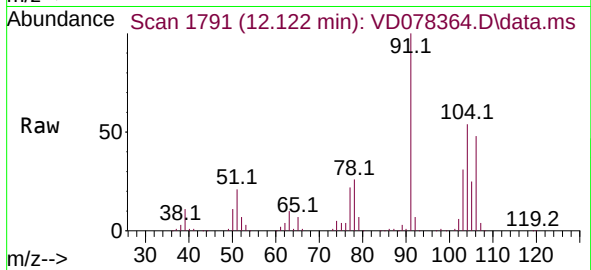




#54
o-Xylene
Concen: 29.001 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078364.D
Acq: 07 Feb 2024 19:05

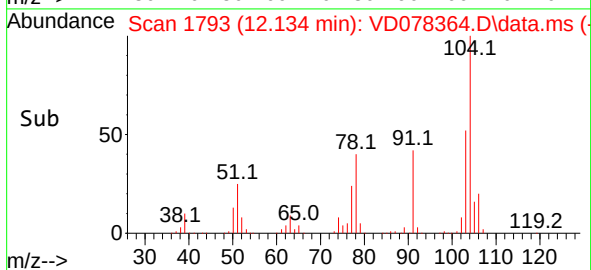
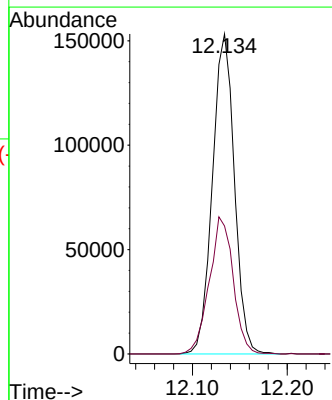
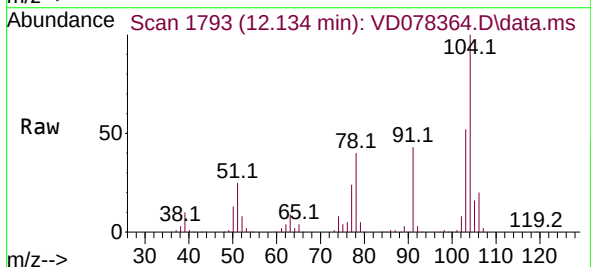
Instrument :
MSVOA_D
ClientSampleId :

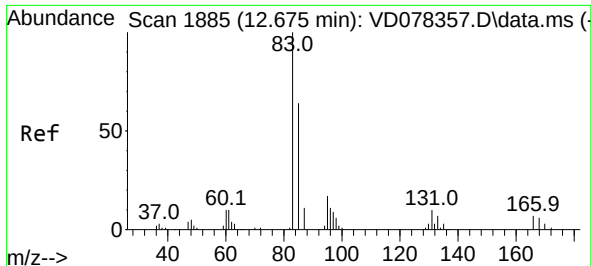
Tgt Ion:106 Resp: 133102
Ion Ratio Lower Upper
106 100
91 208.3 148.0 274.8



#55
Styrene
Concen: 29.813 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078364.D
Acq: 07 Feb 2024 19:05

Tgt Ion:104 Resp: 246820
Ion Ratio Lower Upper
104 100
78 40.0 29.5 54.7





#57

1,1,2,2-Tetrachloroethane

Concen: 29.605 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD078364.D

Acq: 07 Feb 2024 19:05

Instrument :

MSVOA_D

ClientSampleId :

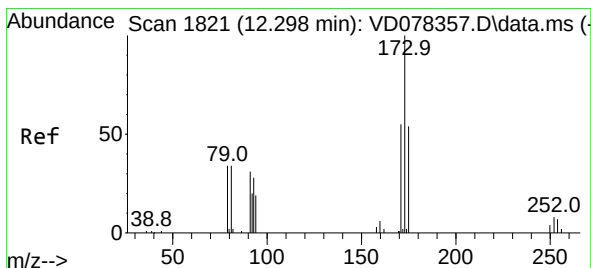
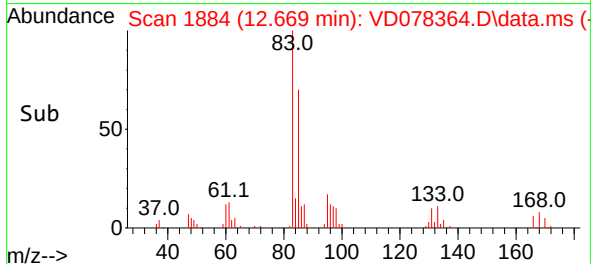
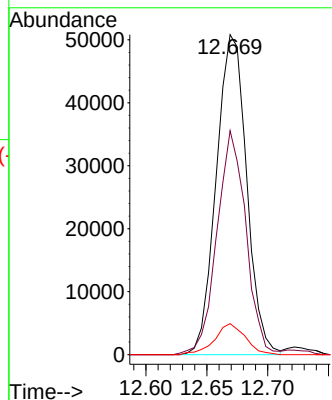
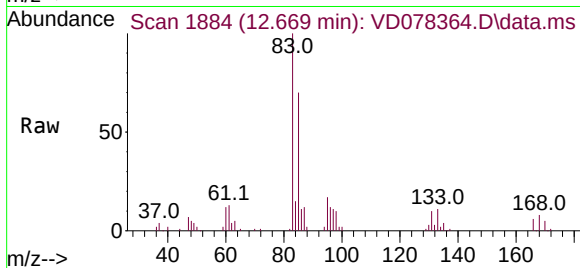
Tgt Ion: 83 Resp: 88279

Ion Ratio Lower Upper

83 100

85 70.0 42.6 79.0

131 9.7 6.0 9.0#



#59

Bromoform

Concen: 29.379 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078364.D

Acq: 07 Feb 2024 19:05

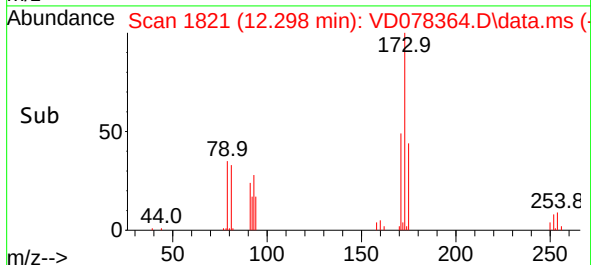
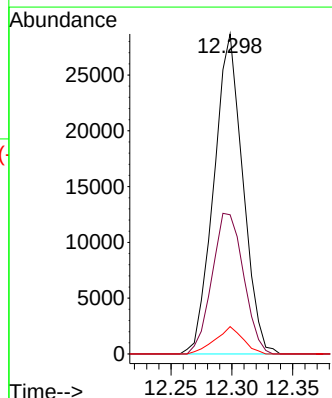
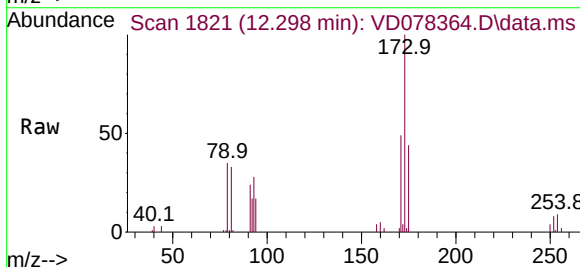
Tgt Ion:173 Resp: 47512

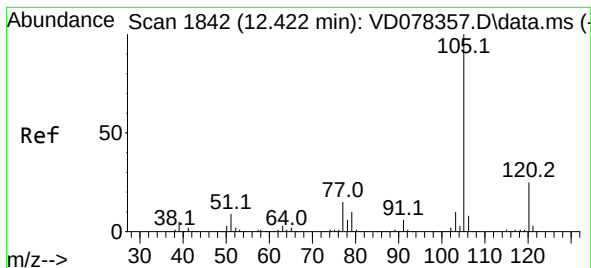
Ion Ratio Lower Upper

173 100

175 47.6 40.2 60.4

254 8.2 6.6 9.8





#60

Isopropylbenzene

Concen: 27.912 ug/L

RT: 12.416 min Scan# 1841

Delta R.T. -0.006 min

Lab File: VD078364.D

Acq: 07 Feb 2024 19:05

Instrument :

MSVOA_D

ClientSampleId :

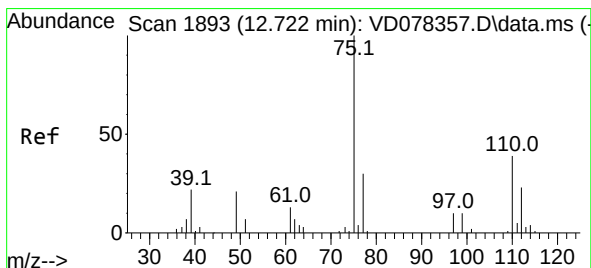
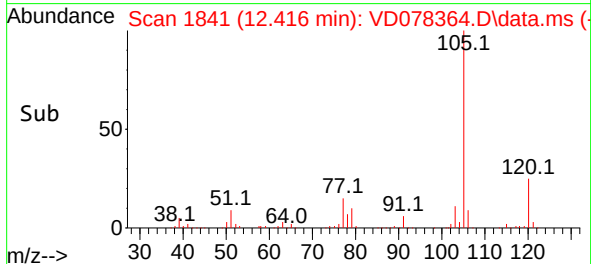
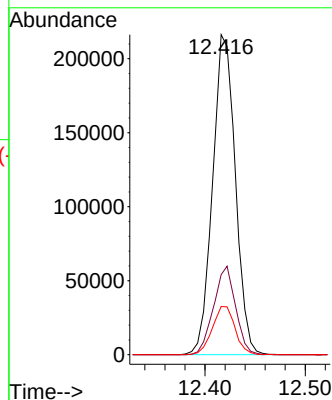
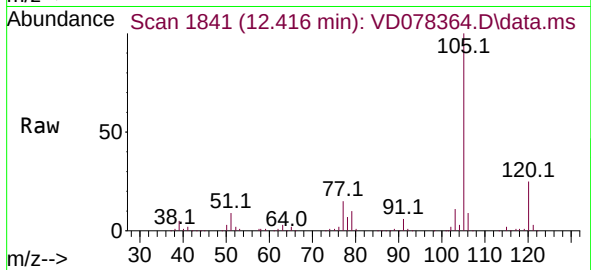
Tgt Ion:105 Resp: 339950

Ion Ratio Lower Upper

105 100

120 26.7 20.4 30.6

77 15.1 12.4 18.6



#61

1,2,3-Trichloropropane

Concen: 28.806 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078364.D

Acq: 07 Feb 2024 19:05

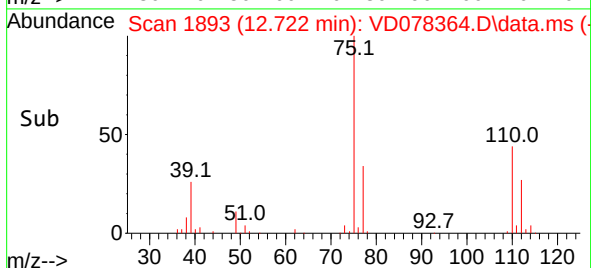
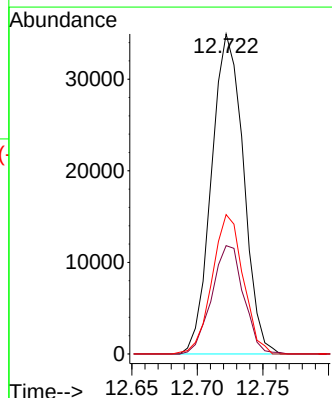
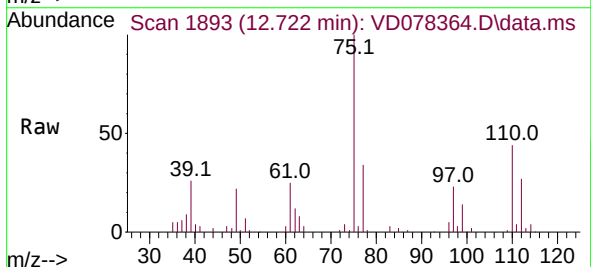
Tgt Ion: 75 Resp: 59225

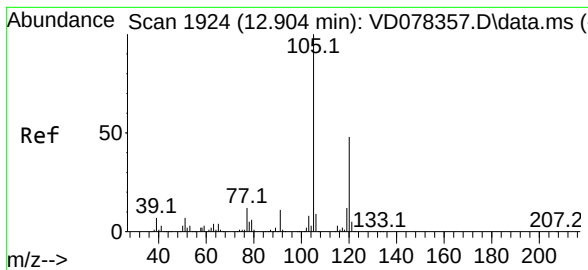
Ion Ratio Lower Upper

75 100

77 33.8 26.5 39.7

110 42.3 31.8 47.8

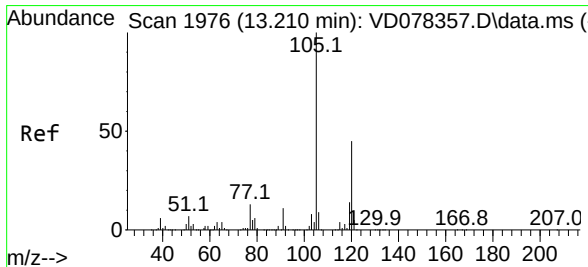
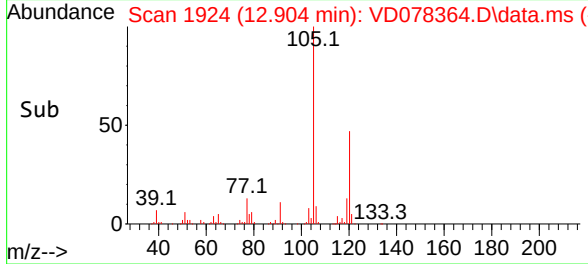
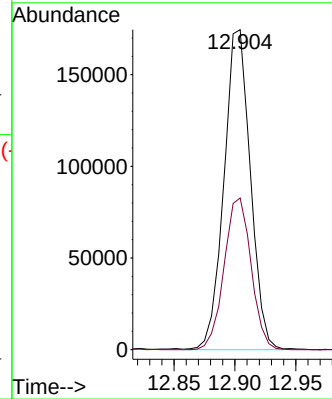
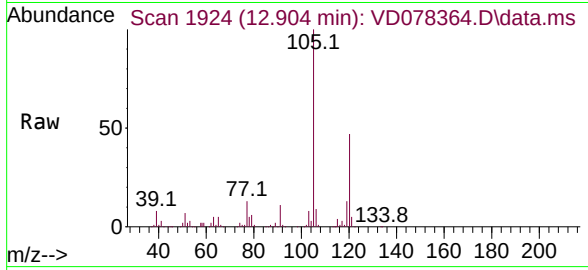




#62
1,3,5-Trimethylbenzene
Concen: 27.684 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078364.D
Acq: 07 Feb 2024 19:05

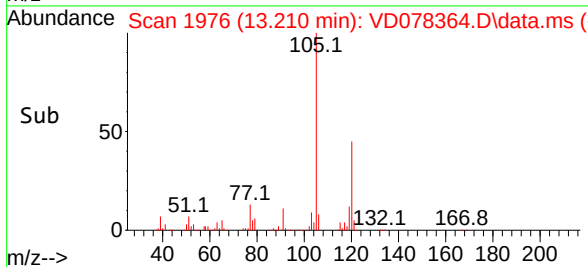
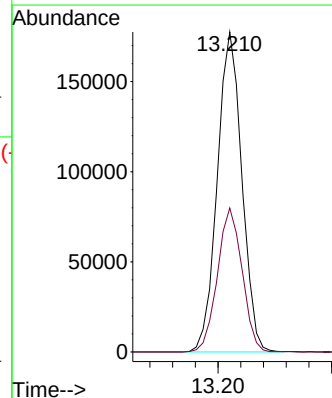
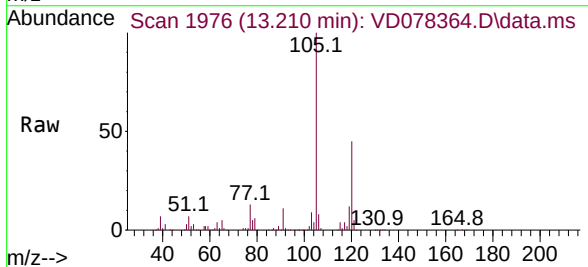
Instrument :
MSVOA_D
ClientSampleId :

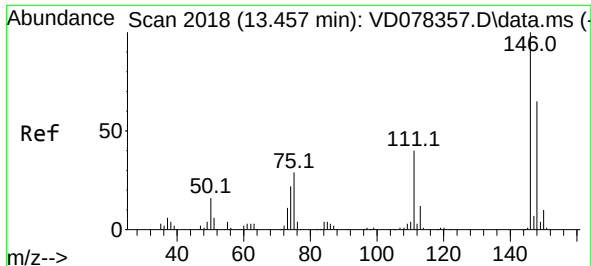
Tgt Ion:105 Resp: 263737
Ion Ratio Lower Upper
105 100
120 48.4 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 28.265 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078364.D
Acq: 07 Feb 2024 19:05

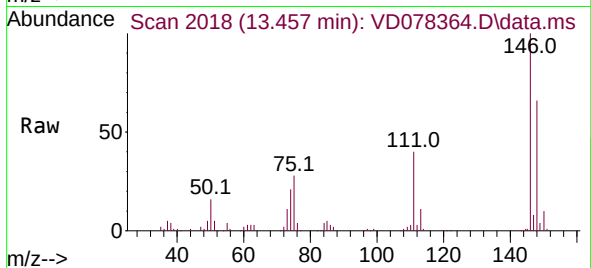
Tgt Ion:105 Resp: 266705
Ion Ratio Lower Upper
105 100
120 45.1 37.0 55.4



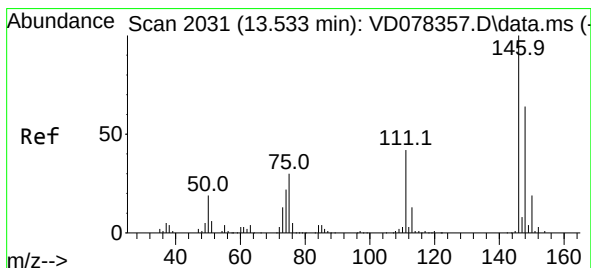
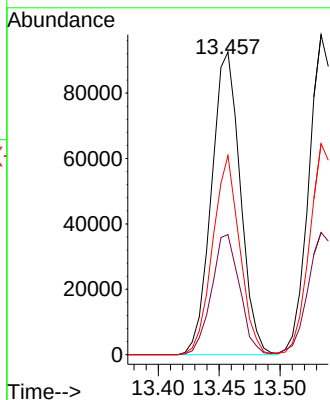
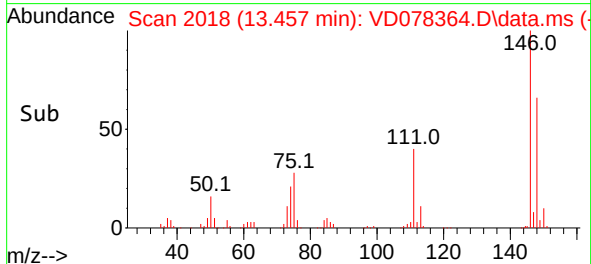


#64
1,3-Dichlorobenzene
Concen: 28.058 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078364.D
Acq: 07 Feb 2024 19:05

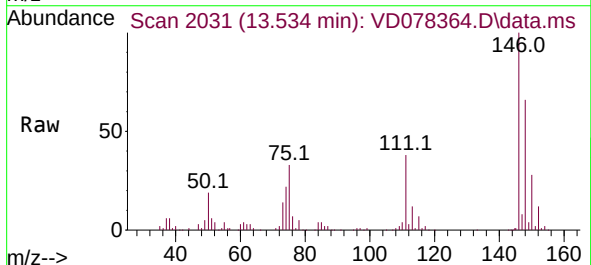
Instrument :
MSVOA_D
ClientSampleId :



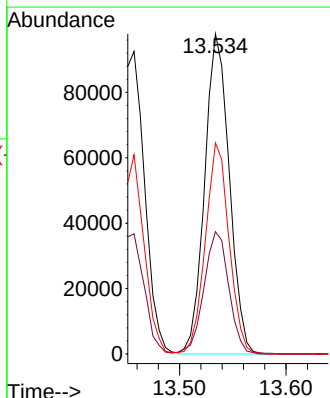
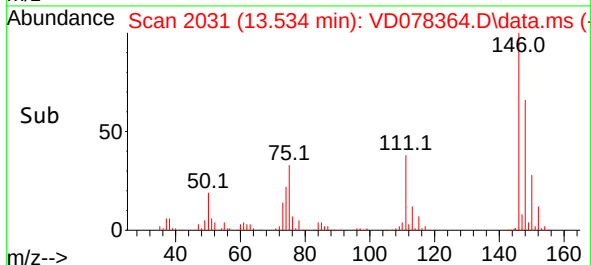
Tgt Ion:146 Resp: 152493
Ion Ratio Lower Upper
146 100
111 39.7 28.6 53.0
148 65.9 46.5 86.3

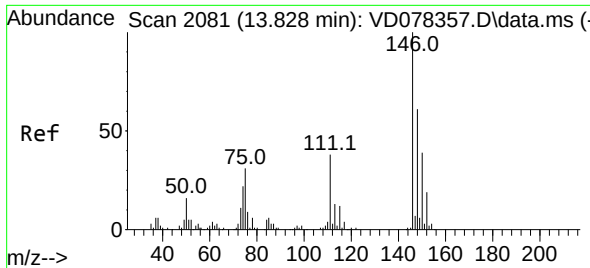


#65
1,4-Dichlorobenzene
Concen: 27.681 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD078364.D
Acq: 07 Feb 2024 19:05



Tgt Ion:146 Resp: 157502
Ion Ratio Lower Upper
146 100
111 38.2 26.4 49.0
148 65.9 44.5 82.7

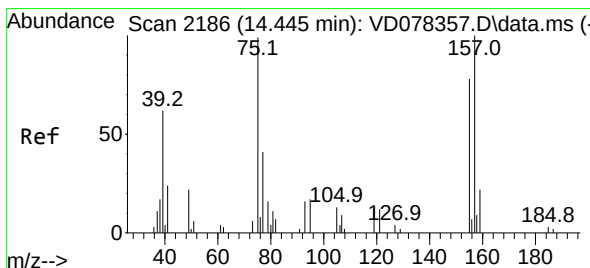
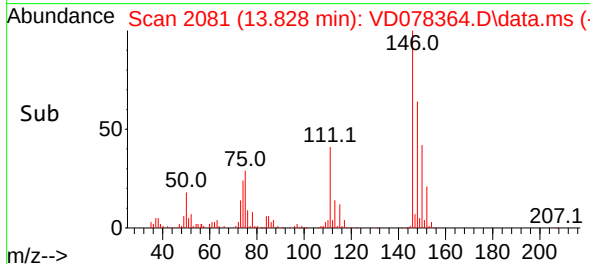
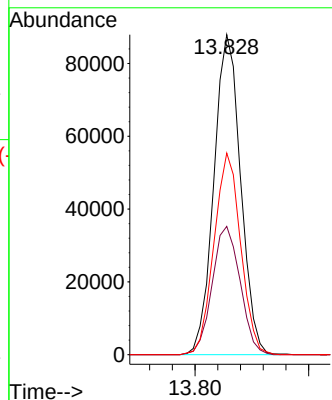
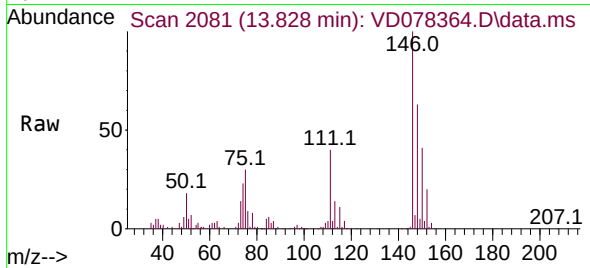




#67
1,2-Dichlorobenzene
Concen: 27.973 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD078364.D
Acq: 07 Feb 2024 19:05

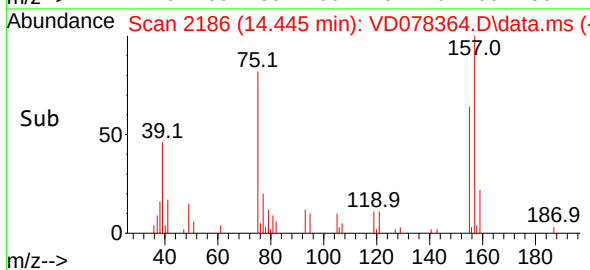
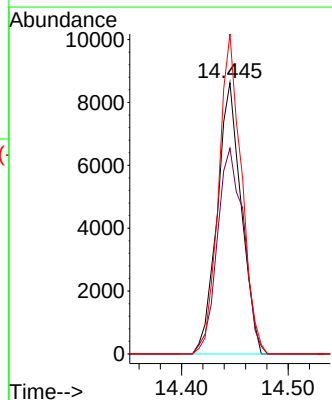
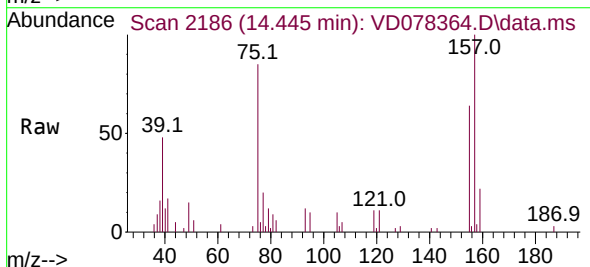
Instrument :
MSVOA_D
ClientSampleId :

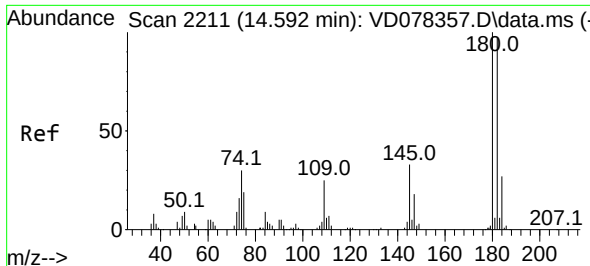
Tgt Ion:146 Resp: 143809
Ion Ratio Lower Upper
146 100
111 40.1 33.6 50.4
148 63.0 48.4 72.6



#68
1,2-Dibromo-3-chloropropane
Concen: 29.640 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD078364.D
Acq: 07 Feb 2024 19:05

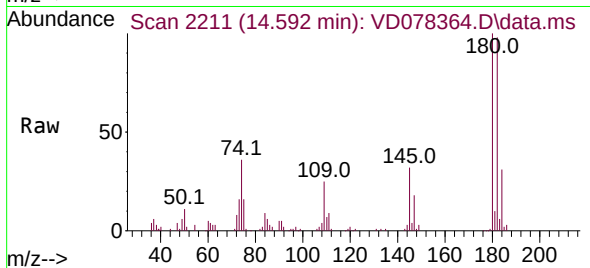
Tgt Ion: 75 Resp: 13502
Ion Ratio Lower Upper
75 100
155 75.9 61.6 92.4
157 118.0 78.1 117.1#



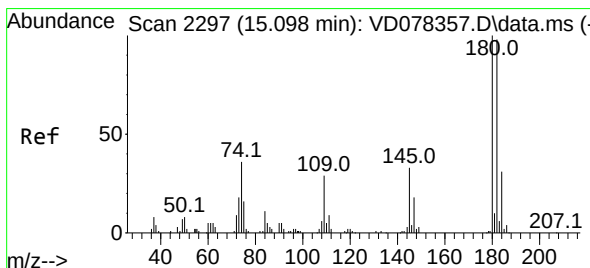
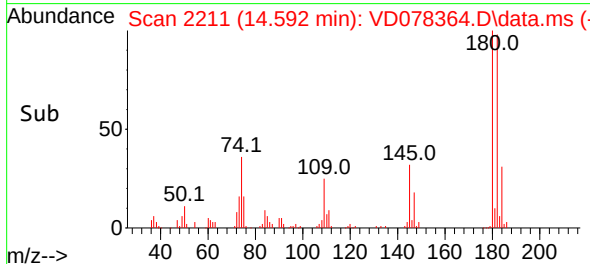
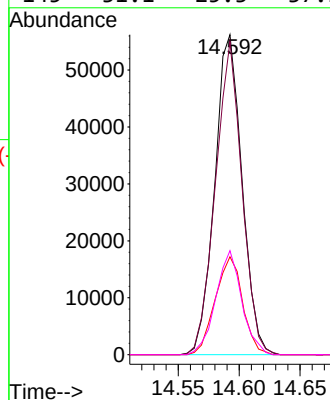


#69
 1,3,5-Trichlorobenzene
 Concen: 26.177 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. 0.000 min
 Lab File: VD078364.D
 Acq: 07 Feb 2024 19:05

Instrument :
 MSVOA_D
 ClientSampleId :

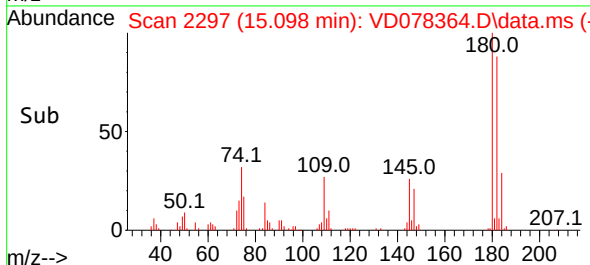
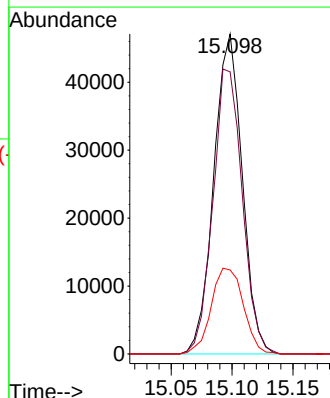
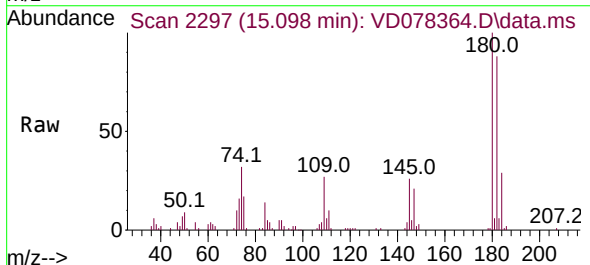


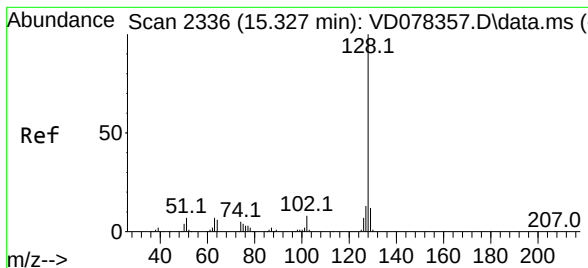
Tgt Ion:180 Resp: 87652
 Ion Ratio Lower Upper
 180 100
 182 95.1 75.6 113.4
 184 30.7 23.2 34.8
 145 31.1 25.3 37.9



#70
 1,2,4-trichlorobenzene
 Concen: 26.507 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD078364.D
 Acq: 07 Feb 2024 19:05

Tgt Ion:180 Resp: 76716
 Ion Ratio Lower Upper
 180 100
 182 91.8 76.2 114.4
 145 30.3 25.0 37.6





#71

Naphthalene

Concen: 28.553 ug/L

RT: 15.328 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078364.D

Acq: 07 Feb 2024 19:05

Instrument :

MSVOA_D

ClientSampleId :

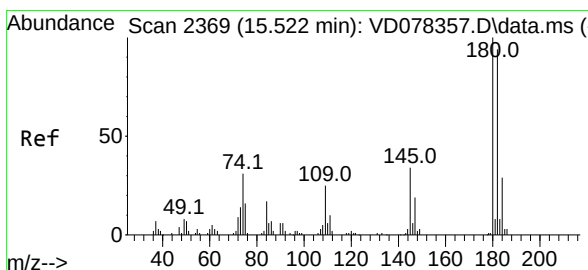
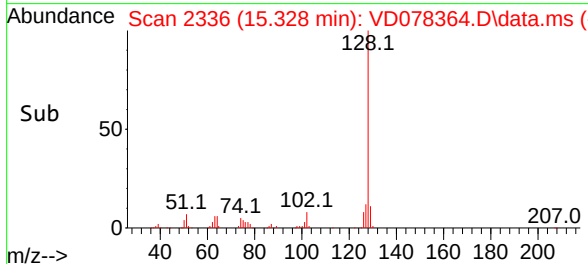
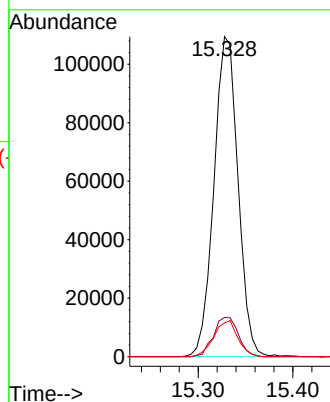
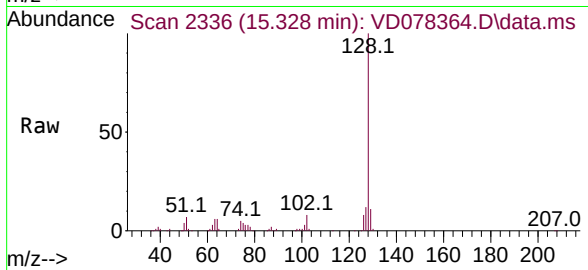
Tgt Ion:128 Resp: 193465

Ion Ratio Lower Upper

128 100

127 12.7 11.0 16.4

129 11.2 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 27.084 ug/L

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD078364.D

Acq: 07 Feb 2024 19:05

Tgt Ion:180 Resp: 73174

Ion Ratio Lower Upper

180 100

182 94.2 75.4 113.0

145 32.8 26.8 40.2

