

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062724\
 Data File : VD079276.D
 Acq On : 27 Jun 2024 15:31
 Operator : RP/MD
 Sample : VSTDICV025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 28 06:34:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM062724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 28 06:29:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	204161	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	197040	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	101281	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	147384	25.284	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.120%
7) Chloroethane-d5	2.793	69	123922	24.113	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.440%
11) 1,1-Dichloroethene-d2	3.911	65	28874	25.190	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.760%
21) 2-Butanone-d5	6.987	46	31475	46.113	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.220%
24) Chloroform-d	7.563	84	146356	23.332	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.320%
26) 1,2-Dichloroethane-d4	8.228	65	69437	23.105	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	8.199	84	299866	25.187	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.760%
36) 1,2-Dichloropropane-d6	9.210	67	88036	24.636	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.560%
41) Toluene-d8	10.269	98	280994	26.076	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.320%
43) trans-1,3-Dichloroprop...	10.522	79	36979	23.723	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.880%
47) 2-Hexanone-d5	10.875	63	29064	49.800	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.600%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	86179	24.670	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.680%
66) 1,2-Dichlorobenzene-d4	13.810	152	89637	22.806	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	82828	23.486	ug/L	99
3) Chloromethane	2.146	50	111103	22.453	ug/L	99
5) Vinyl chloride	2.275	62	151350	23.101	ug/L	97
6) Bromomethane	2.687	94	96270	21.523	ug/L	98
8) Chloroethane	2.828	64	97595	22.332	ug/L	98
9) Trichlorofluoromethane	3.169	101	113972	23.384	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	72349	23.224	ug/L	95
12) 1,1-Dichloroethene	3.940	96	63231	22.391	ug/L	97
13) Acetone	4.022	43	34023	65.194	ug/L	99
14) Carbon disulfide	4.264	76	234633	22.981	ug/L	100
15) Methyl Acetate	4.552	43	11465	9.264	ug/L #	66
16) Methylene chloride	4.793	84	96857	18.997	ug/L	97
17) trans-1,2-Dichloroethene	5.305	96	69787	22.302	ug/L	93
18) Methyl tert-butyl Ether	5.322	73	133253	20.642	ug/L	99
19) 1,1-Dichloroethane	6.110	63	114009	21.627	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	76757	21.887	ug/L	96
22) 2-Butanone	7.075	43	38774	50.111	ug/L	98
23) Bromochloromethane	7.422	128	36975	21.077	ug/L	95
25) Chloroform	7.593	83	125288	21.107	ug/L	93

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 Response via : Initial Calibration

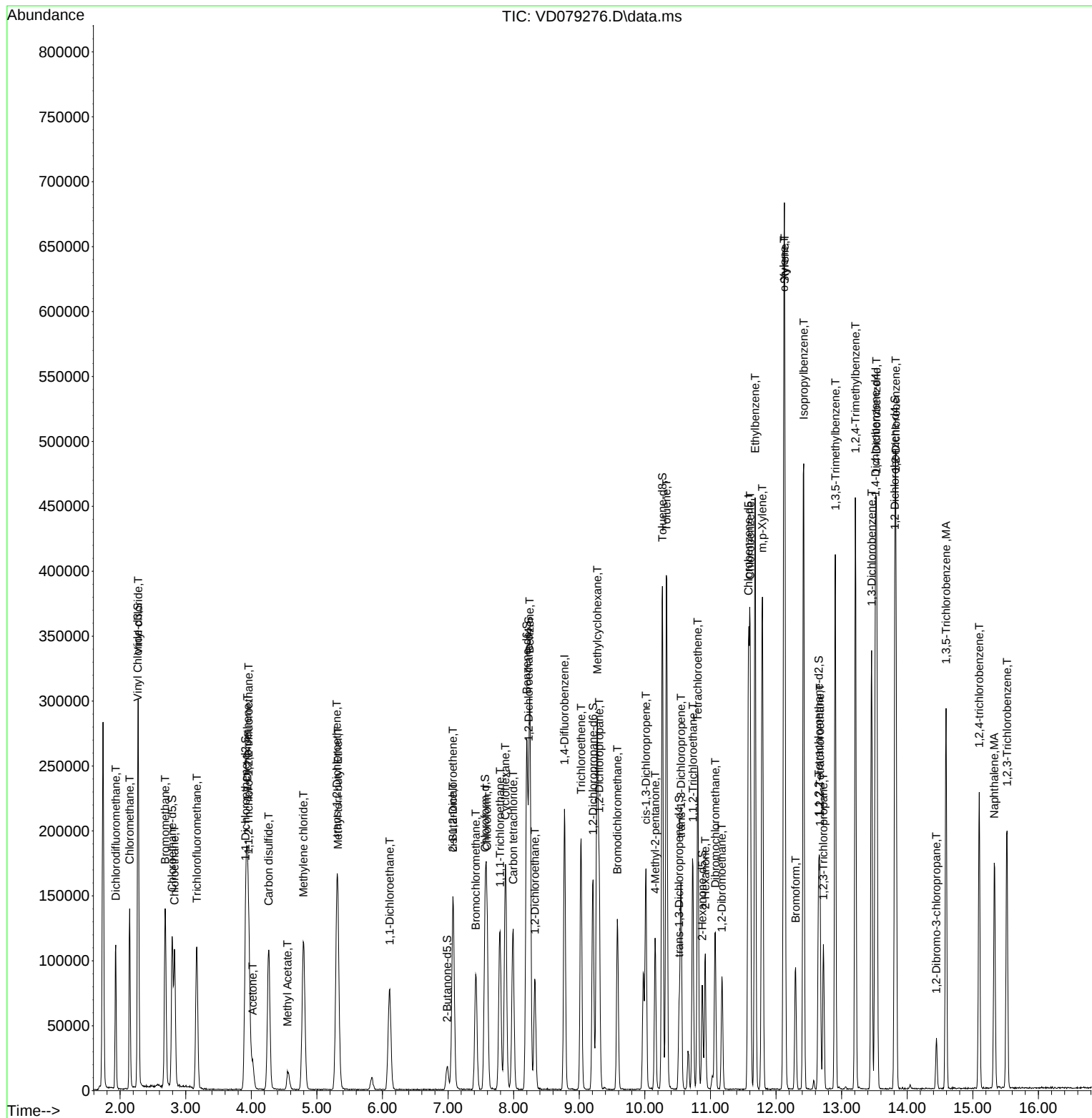
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	71950	21.268	ug/L	98
29) Cyclohexane	7.875	56	89023	25.647	ug/L	95
30) 1,1,1-Trichloroethane	7.793	97	105004	24.614	ug/L	99
31) Carbon tetrachloride	7.993	117	95648	24.839	ug/L	100
33) Benzene	8.246	78	290661	23.610	ug/L	100
34) Trichloroethene	9.028	95	70401	23.397	ug/L	92
35) Methylcyclohexane	9.275	83	121098	26.104	ug/L	99
37) 1,2-Dichloropropane	9.304	63	74296	23.097	ug/L	99
38) Bromodichloromethane	9.581	83	91768	22.273	ug/L	95
39) cis-1,3-Dichloropropene	10.016	75	110453	23.399	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	70986	46.554	ug/L	97
42) Toluene	10.328	91	321431	24.536	ug/L	97
44) trans-1,3-Dichloropropene	10.551	75	94574	22.931	ug/L	92
45) 1,1,2-Trichloroethane	10.734	97	61871	22.384	ug/L	97
46) Tetrachloroethene	10.804	164	59063	24.651	ug/L	92
48) 2-Hexanone	10.922	43	59691	53.627	ug/L	98
49) Dibromochloromethane	11.075	129	66533	22.289	ug/L	96
50) 1,2-Dibromoethane	11.175	107	57367	22.062	ug/L	95
51) Chlorobenzene	11.604	112	201638	22.713	ug/L	96
52) Ethylbenzene	11.681	91	332432	24.587	ug/L	100
53) m,p-Xylene	11.793	106	135620	25.432	ug/L	96
54) o-Xylene	12.122	106	123786	23.096	ug/L	91
55) Styrene	12.134	104	231362	24.136	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.669	83	74240	22.026	ug/L #	96
59) Bromoform	12.298	173	43919	22.097	ug/L	99
60) Isopropylbenzene	12.422	105	327545	24.780	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	46073	21.446	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	225233	23.947	ug/L	97
63) 1,2,4-Trimethylbenzene	13.210	105	241368	23.570	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	152738	23.014	ug/L	95
65) 1,4-Dichlorobenzene	13.534	146	161167	23.030	ug/L	100
67) 1,2-Dichlorobenzene	13.828	146	142363	22.206	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.445	75	9796	22.087	ug/L	96
69) 1,3,5-Trichlorobenzene	14.592	180	94774	22.880	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	76300	22.215	ug/L	99
71) Naphthalene	15.328	128	160094	21.473	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	73581	22.535	ug/L	99

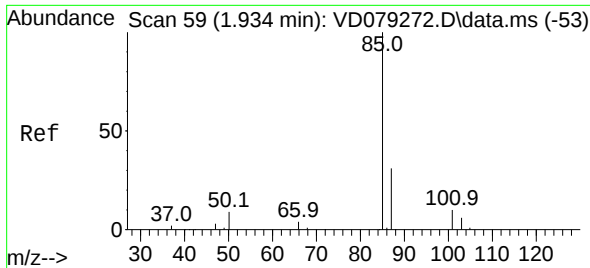
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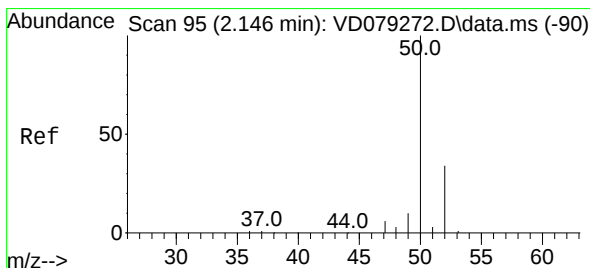
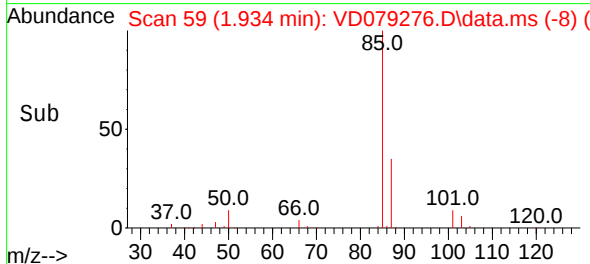
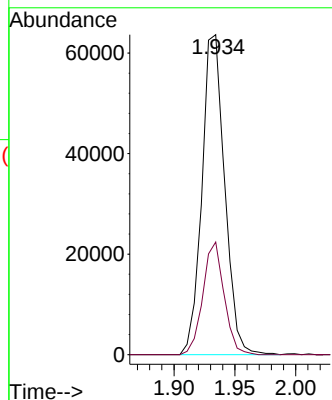
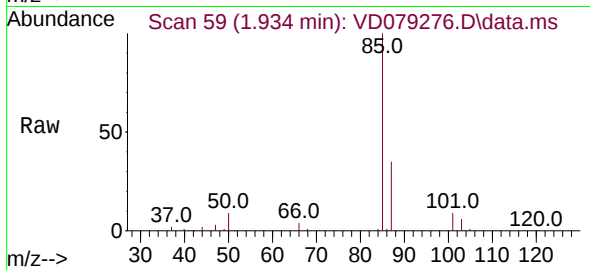




#2
 Dichlorodifluoromethane
 Concen: 23.486 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD079276.D
 Acq: 27 Jun 2024 15:31

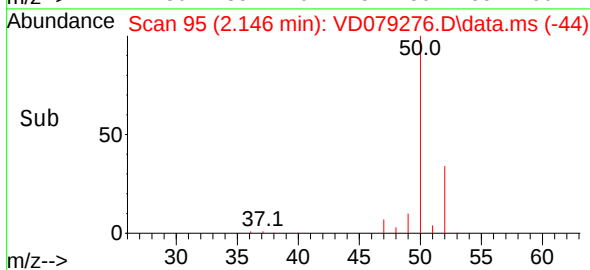
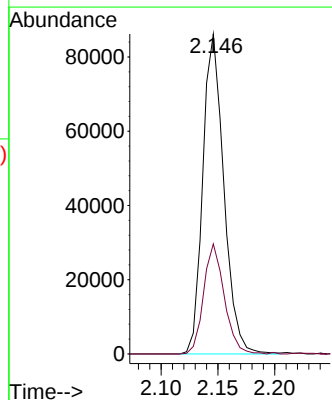
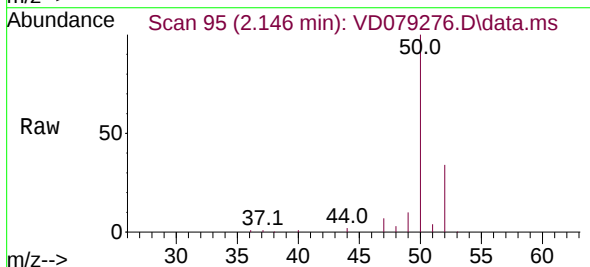
Instrument :
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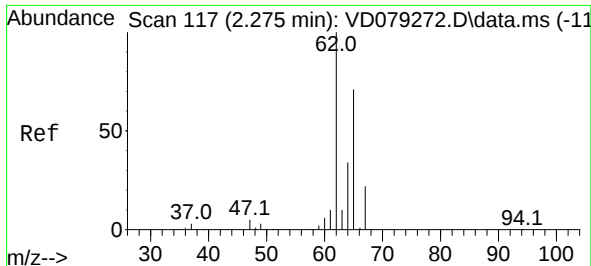
Tgt Ion: 85 Resp: 82828
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.6 38.4



#3
 Chloromethane
 Concen: 22.453 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD079276.D
 Acq: 27 Jun 2024 15:31

Tgt Ion: 50 Resp: 111103
 Ion Ratio Lower Upper
 50 100
 52 34.4 23.7 44.1

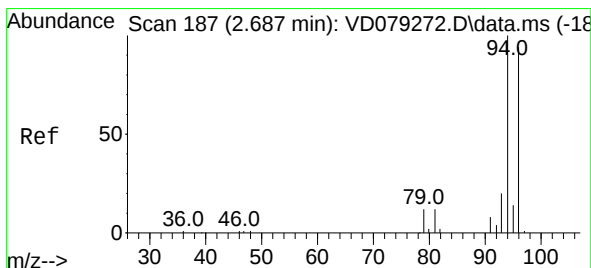
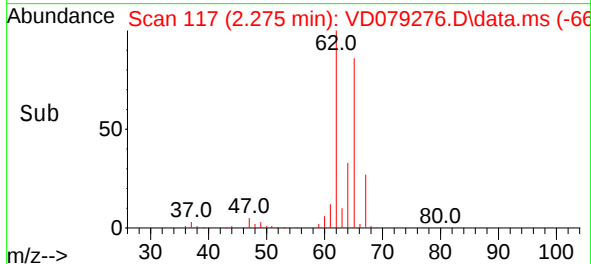
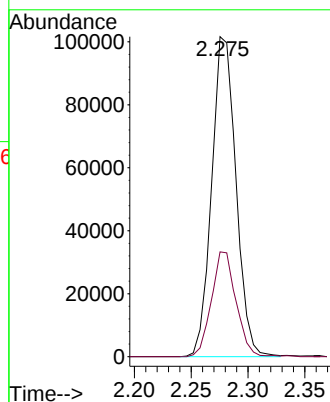
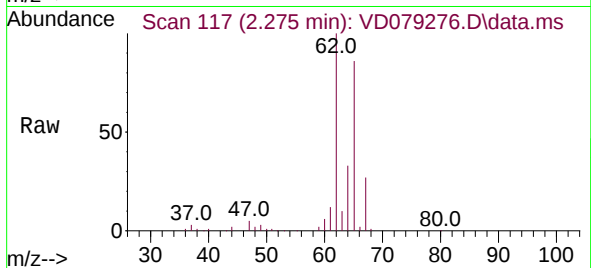




#5
 Vinyl chloride
 Concen: 23.101 ug/L
 RT: 2.275 min Scan# 117
 Delta R.T. -0.000 min
 Lab File: VD079276.D
 Acq: 27 Jun 2024 15:31

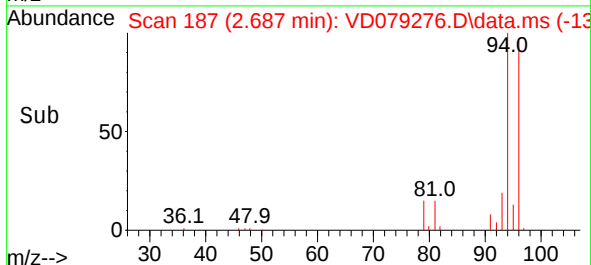
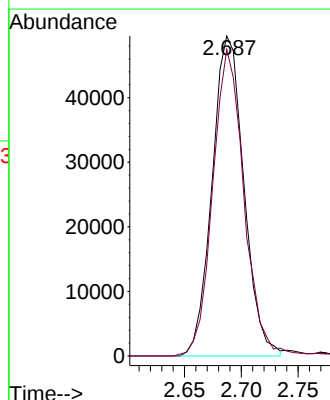
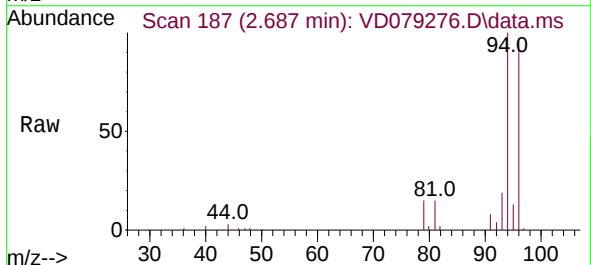
Instrument :
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 ClientSampleId :

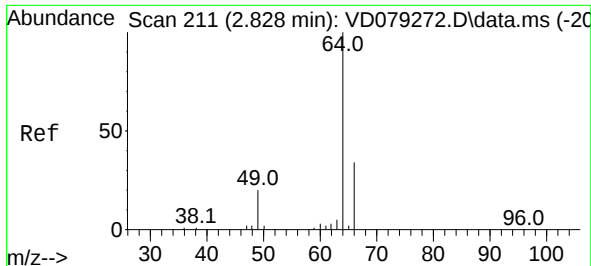
Tgt Ion: 62 Resp: 151350
 Ion Ratio Lower Upper
 62 100
 64 32.7 24.1 44.7



#6
 Bromomethane
 Concen: 21.523 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.000 min
 Lab File: VD079276.D
 Acq: 27 Jun 2024 15:31

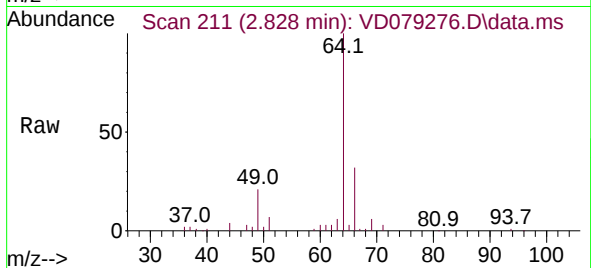
Tgt Ion: 94 Resp: 96270
 Ion Ratio Lower Upper
 94 100
 96 95.8 65.9 122.5



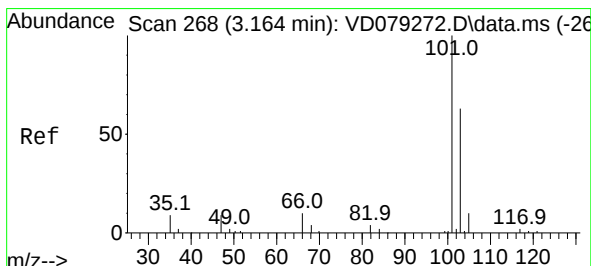
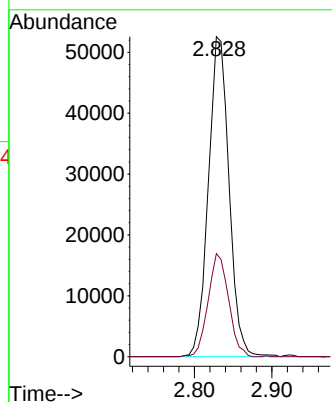
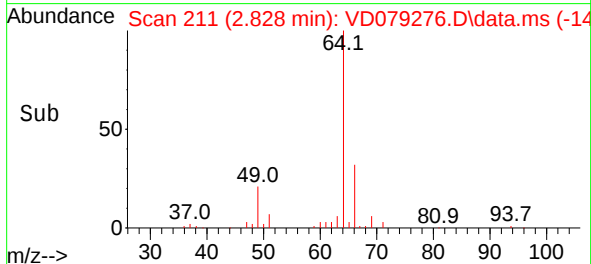


#8
Chloroethane
Concen: 22.332 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD079276.D
Acq: 27 Jun 2024 15:31

Instrument :
MSVOA_D
ClientSampleId :

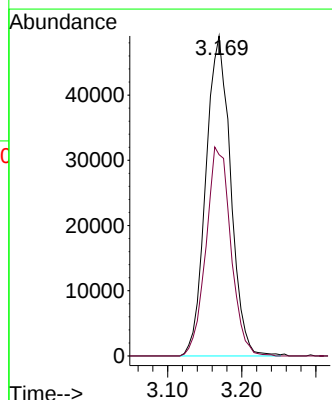
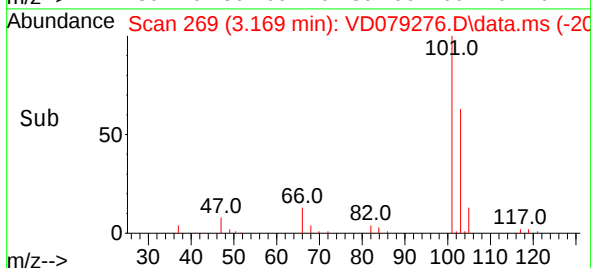
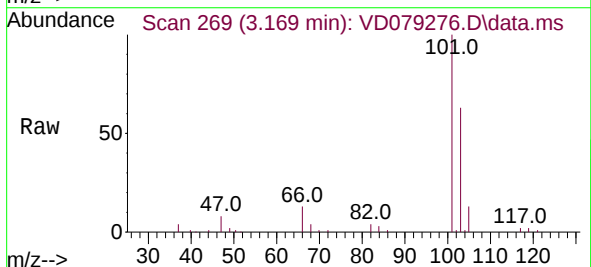


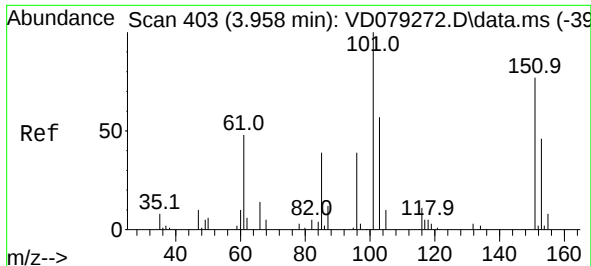
Tgt Ion: 64 Resp: 97595
Ion Ratio Lower Upper
64 100
66 32.2 23.4 43.6



#9
Trichlorofluoromethane
Concen: 23.384 ug/L
RT: 3.169 min Scan# 269
Delta R.T. 0.006 min
Lab File: VD079276.D
Acq: 27 Jun 2024 15:31

Tgt Ion:101 Resp: 113972
Ion Ratio Lower Upper
101 100
103 65.4 52.6 79.0





#10

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

Concen: 23.224 ug/L

RT: 3.958 min Scan# 403

Delta R.T. -0.000 min

Lab File: VD079276.D

Acq: 27 Jun 2024 15:31

Instrument :

MSVOA_D

ClientSampleId :

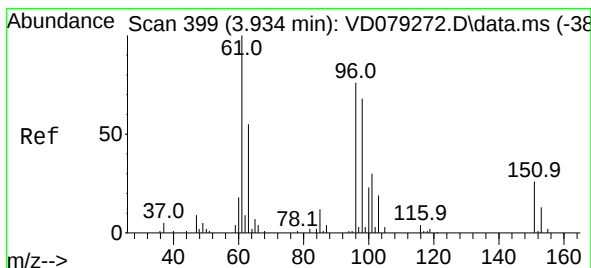
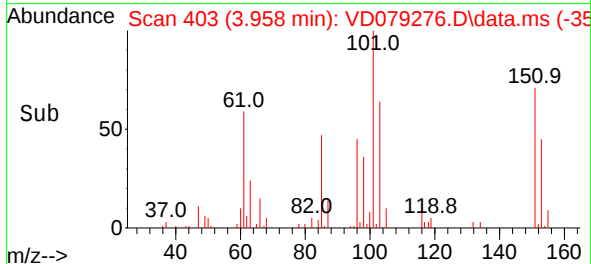
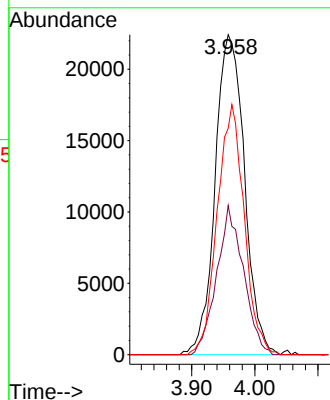
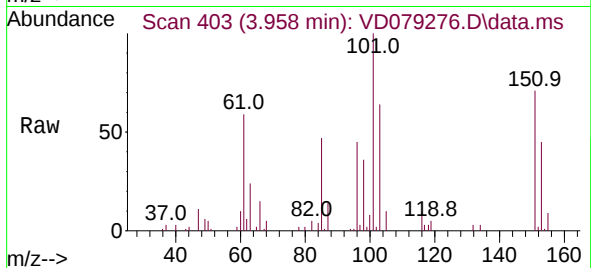
Tgt Ion:101 Resp: 72349

Ion Ratio Lower Upper

101 100

85 42.6 33.0 49.6

151 71.9 61.7 92.5



#12

1,1-Dichloroethene

Concen: 22.391 ug/L

RT: 3.940 min Scan# 400

Delta R.T. 0.006 min

Lab File: VD079276.D

Acq: 27 Jun 2024 15:31

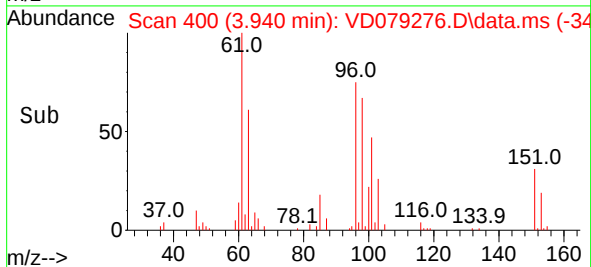
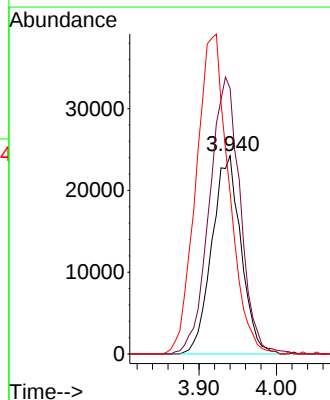
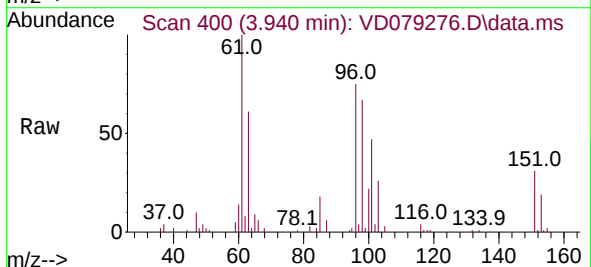
Tgt Ion: 96 Resp: 63231

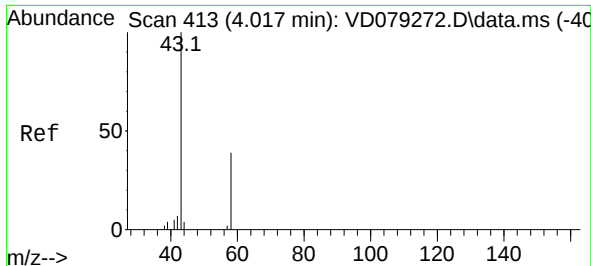
Ion Ratio Lower Upper

96 100

61 134.0 93.7 173.9

63 81.3 61.2 113.8





#13

Acetone

Concen: 65.194 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.006 min

Lab File: VD079276.D

Acq: 27 Jun 2024 15:31

Instrument :

MSVOA_D

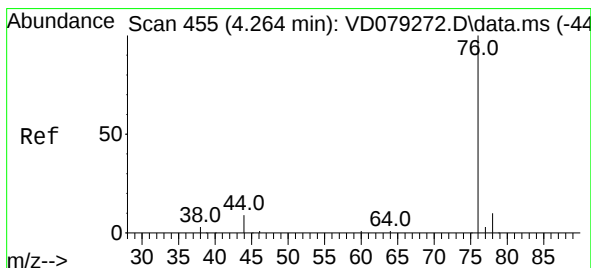
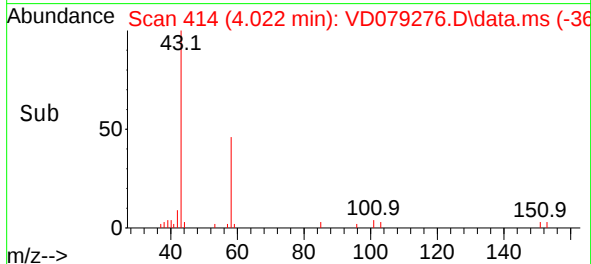
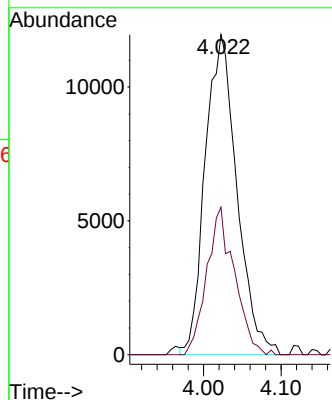
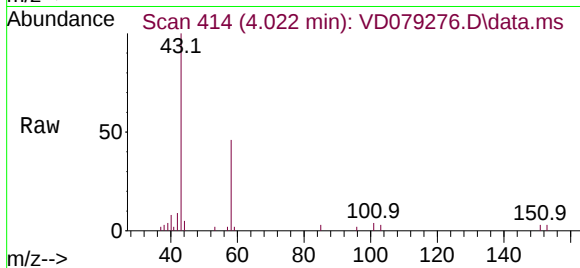
ClientSampleId :

Tgt Ion: 43 Resp: 34023

Ion Ratio Lower Upper

43 100

58 40.1 0.0 81.4



#14

Carbon disulfide

Concen: 22.981 ug/L

RT: 4.264 min Scan# 455

Delta R.T. -0.000 min

Lab File: VD079276.D

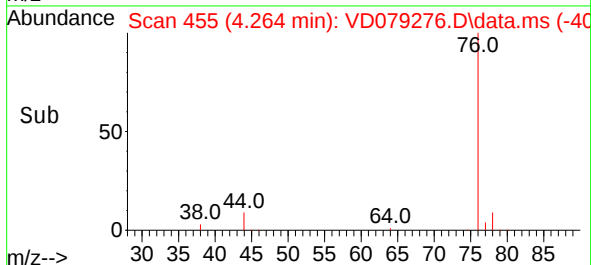
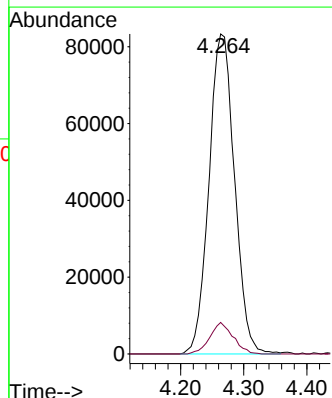
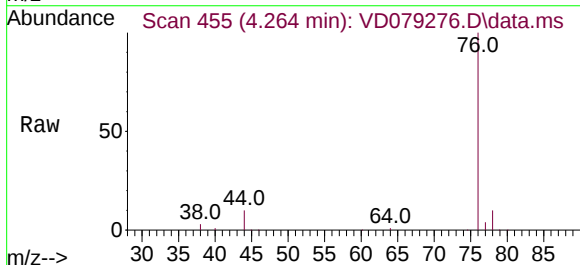
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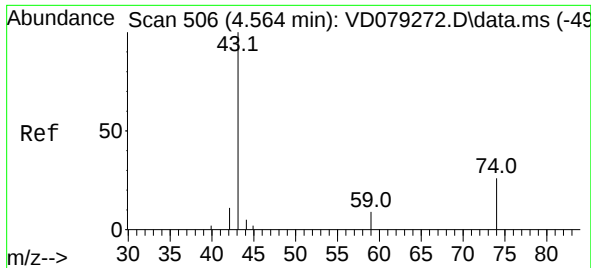
Tgt Ion: 76 Resp: 234633

Ion Ratio Lower Upper

76 100

78 9.9 7.8 11.6

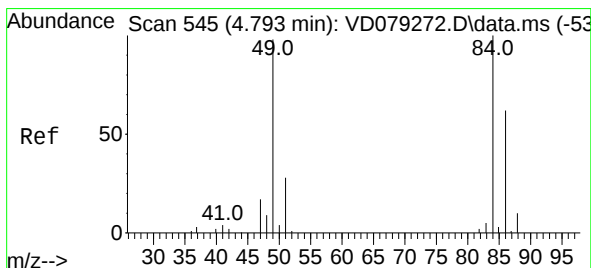
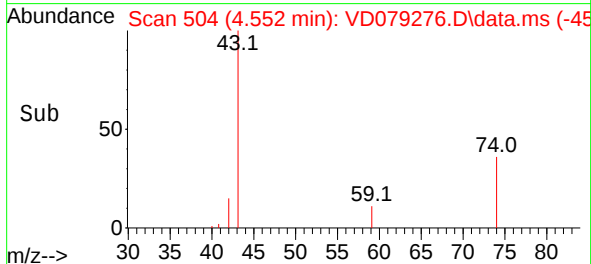
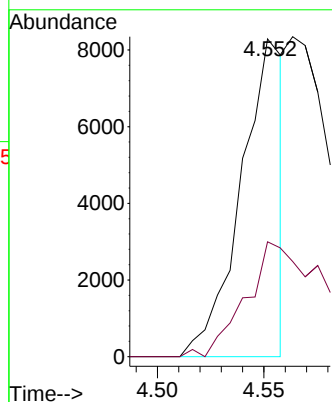
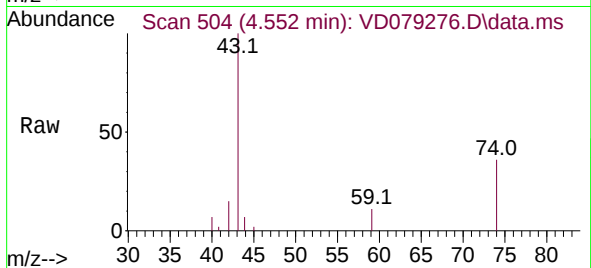




#15
Methyl Acetate
Concen: 9.264 ug/L
RT: 4.552 min Scan# 506
Delta R.T. -0.012 min
Lab File: VD079276.D
Acq: 27 Jun 2024 15:31

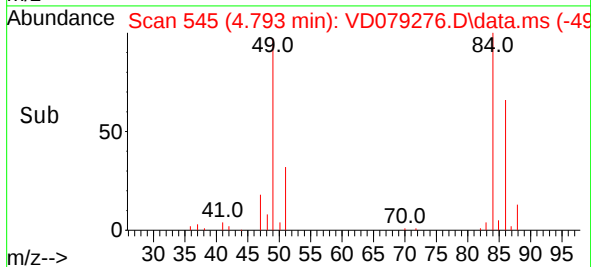
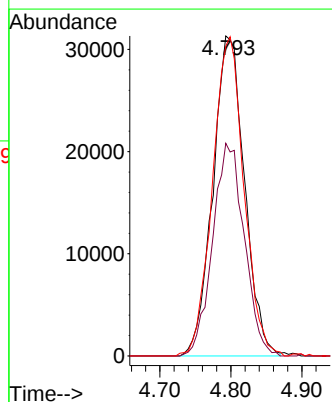
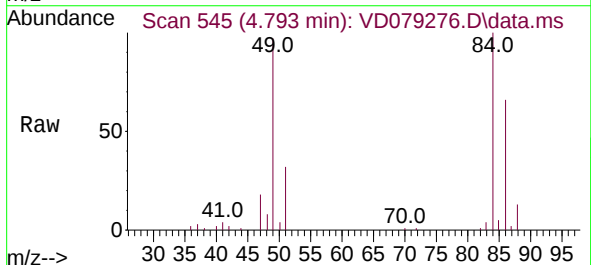
Instrument :
MSVOA_D
ClientSampleId :

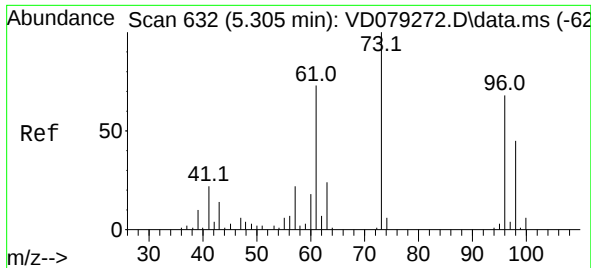
Tgt Ion: 43 Resp: 11465
Ion Ratio Lower Upper
43 100
74 45.9 22.4 33.6#



#16
Methylene chloride
Concen: 18.997 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD079276.D
Acq: 27 Jun 2024 15:31

Tgt Ion: 84 Resp: 96857
Ion Ratio Lower Upper
84 100
86 66.4 43.8 81.3
49 96.8 69.1 128.3

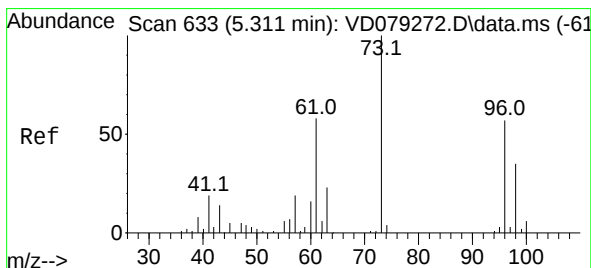
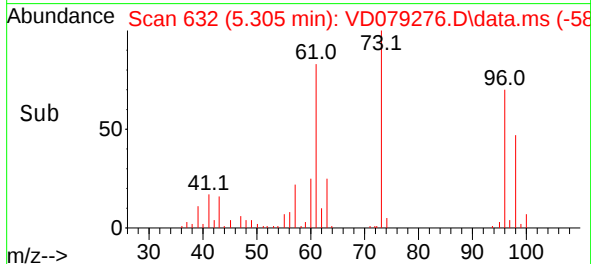
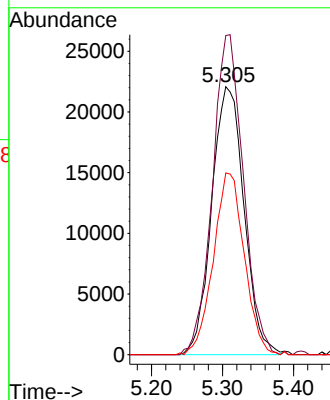
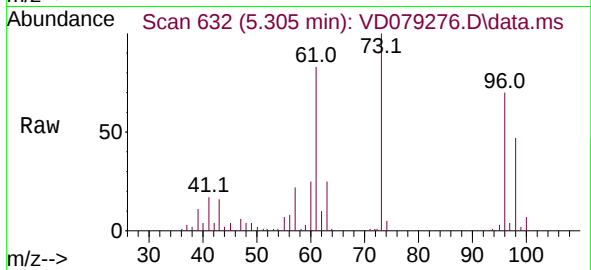




#17
trans-1,2-Dichloroethene
Concen: 22.302 ug/L
RT: 5.305 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079276.D
Acq: 27 Jun 2024 15:31

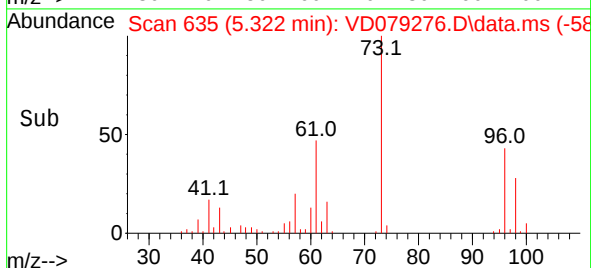
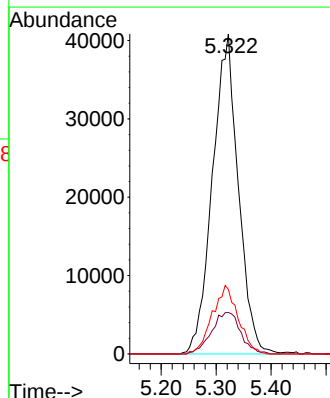
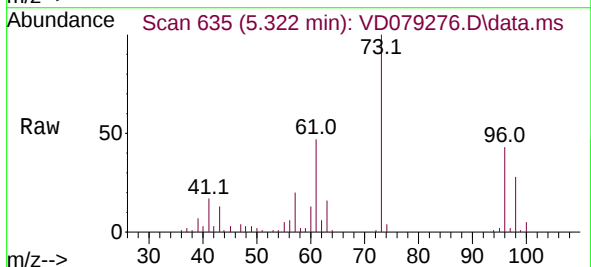
Instrument :
MSVOA_D
ClientSampleId :

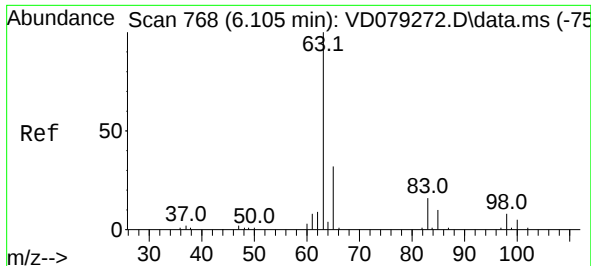
Tgt Ion: 96 Resp: 69787
Ion Ratio Lower Upper
96 100
61 119.1 75.8 140.8
98 67.8 46.6 86.6



#18
Methyl tert-butyl Ether
Concen: 20.642 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.012 min
Lab File: VD079276.D
Acq: 27 Jun 2024 15:31

Tgt Ion: 73 Resp: 133253
Ion Ratio Lower Upper
73 100
43 14.5 11.4 17.0
57 21.5 16.6 24.8

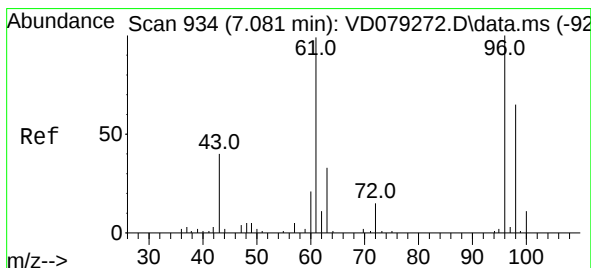
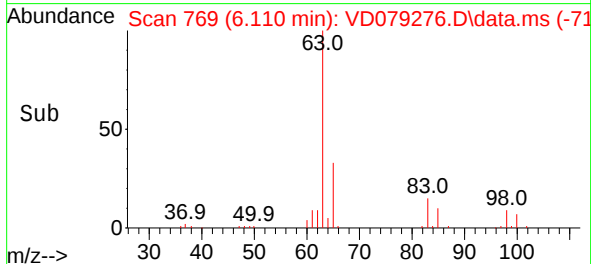
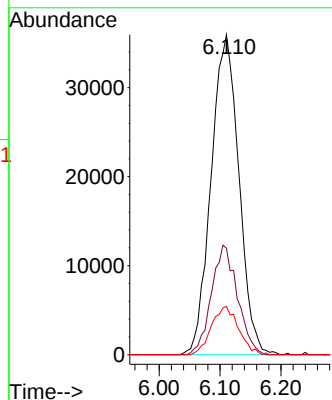
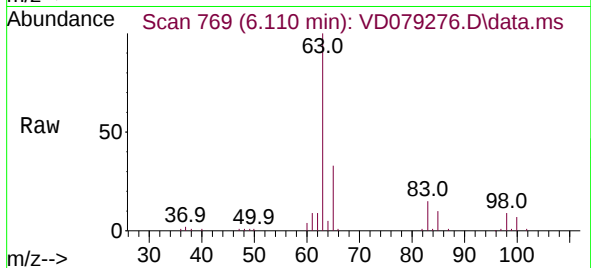




#19
1,1-Dichloroethane
Concen: 21.627 ug/L
RT: 6.110 min Scan# 769
Delta R.T. 0.006 min
Lab File: VD079276.D
Acq: 27 Jun 2024 15:31

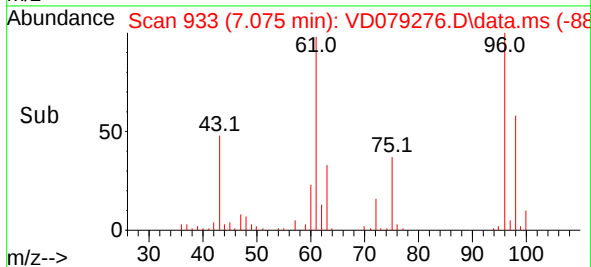
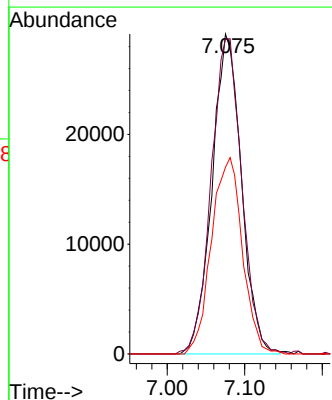
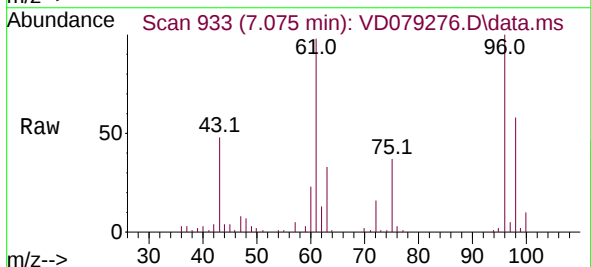
Instrument :
MSVOA_D
ClientSampleId :

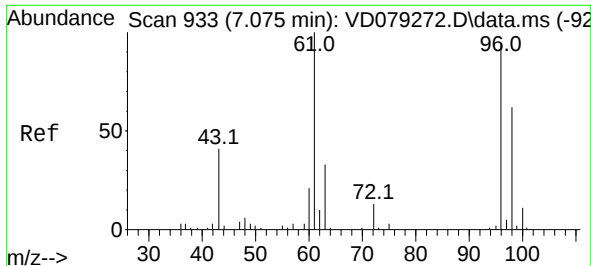
Tgt Ion: 63 Resp: 114009
Ion Ratio Lower Upper
63 100
65 33.3 22.3 41.3
83 15.1 11.4 21.2



#20
cis-1,2-Dichloroethene
Concen: 21.887 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD079276.D
Acq: 27 Jun 2024 15:31

Tgt Ion: 96 Resp: 76757
Ion Ratio Lower Upper
96 100
61 98.4 69.7 129.5
98 58.4 45.6 84.8

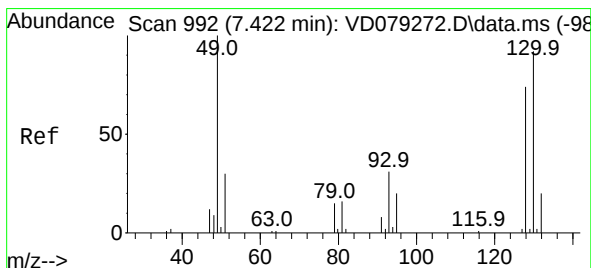
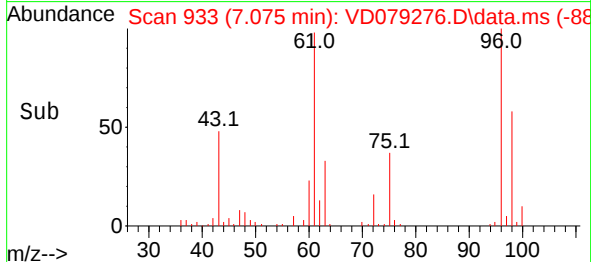
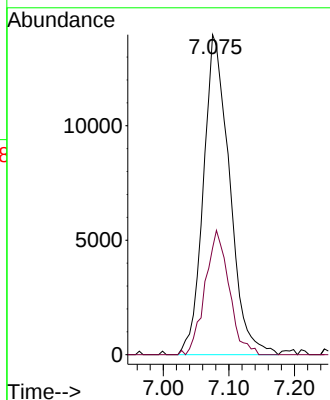
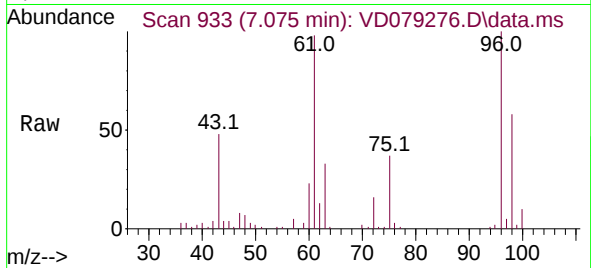




#22
2-Butanone
Concen: 50.111 ug/L
RT: 7.075 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079276.D
Acq: 27 Jun 2024 15:31

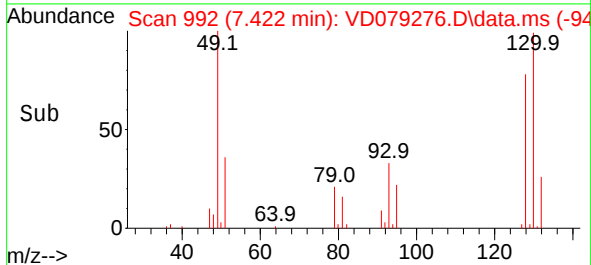
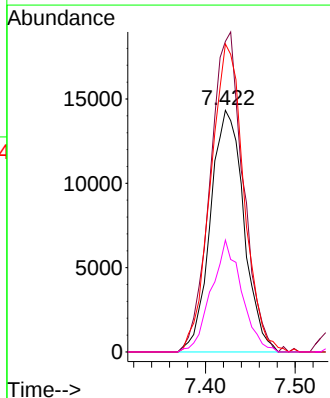
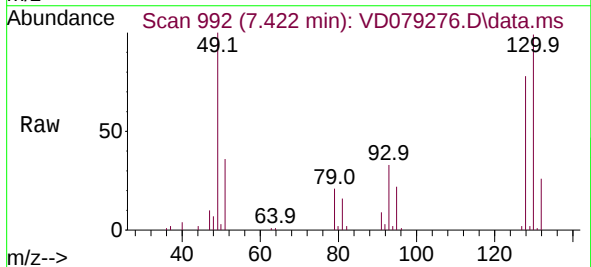
Instrument :
MSVOA_D
ClientSampleId :

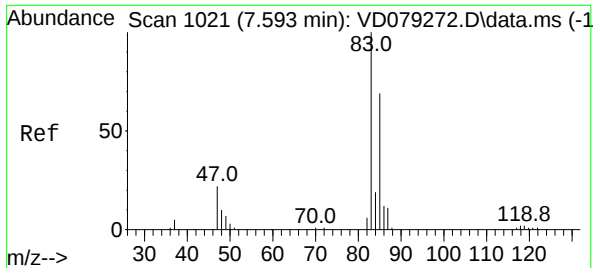
Tgt Ion: 43 Resp: 38774
Ion Ratio Lower Upper
43 100
72 34.7 16.8 50.4



#23
Bromochloromethane
Concen: 21.077 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.000 min
Lab File: VD079276.D
Acq: 27 Jun 2024 15:31

Tgt Ion:128 Resp: 36975
Ion Ratio Lower Upper
128 100
49 128.5 94.4 175.4
130 127.4 87.0 161.6
51 46.3 32.0 48.0

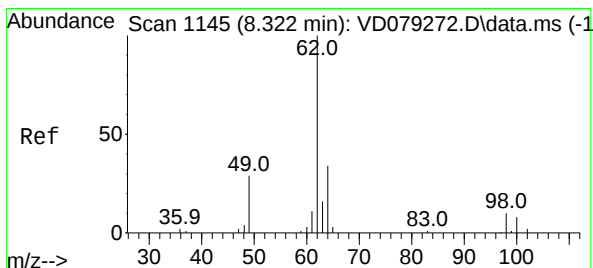
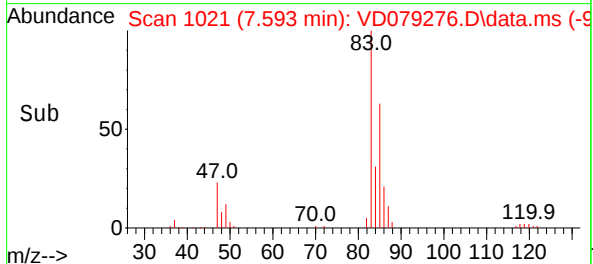
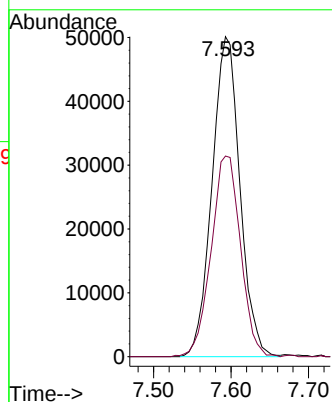
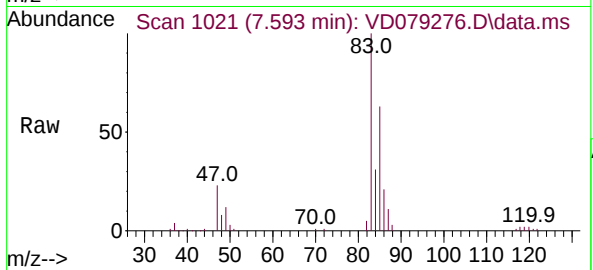




#25
Chloroform
Concen: 21.107 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD079276.D
Acq: 27 Jun 2024 15:31

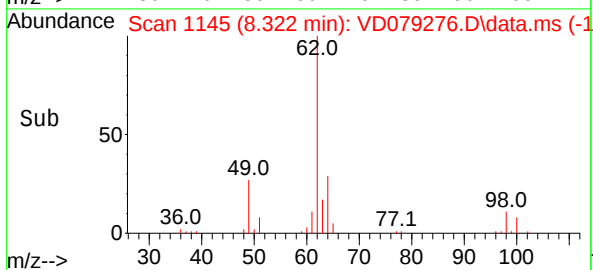
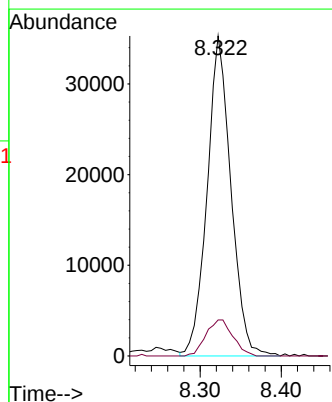
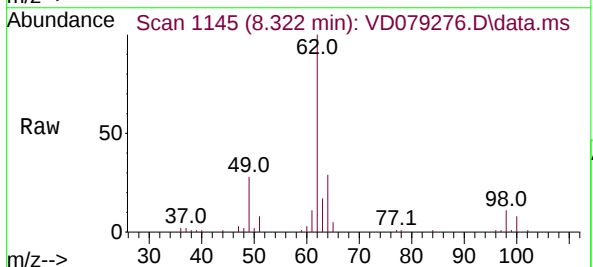
Instrument :
MSVOA_D
ClientSampleId :

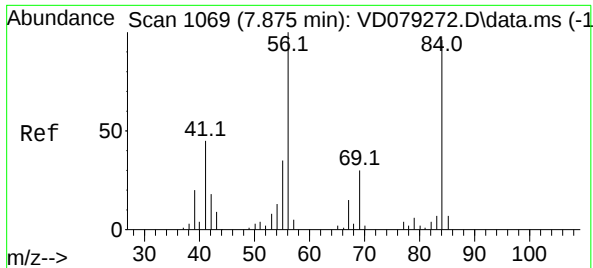
Tgt Ion: 83 Resp: 125288
Ion Ratio Lower Upper
83 100
85 62.7 48.2 89.4



#27
1,2-Dichloroethane
Concen: 21.268 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD079276.D
Acq: 27 Jun 2024 15:31

Tgt Ion: 62 Resp: 71950
Ion Ratio Lower Upper
62 100
98 11.2 8.3 12.5





#29

Cyclohexane

Concen: 25.647 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD079276.D

Acq: 27 Jun 2024 15:31

Instrument :

MSVOA_D

ClientSampleId :

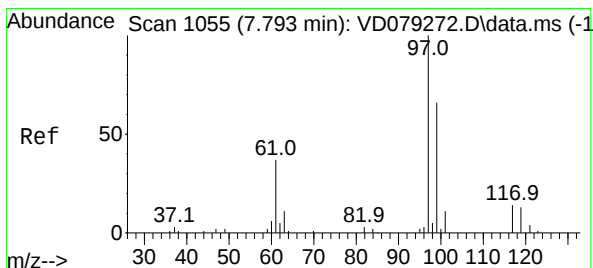
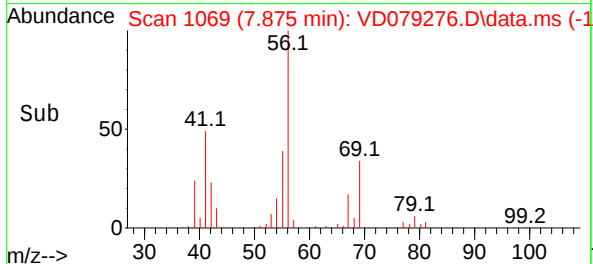
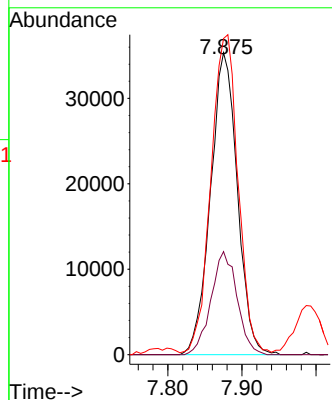
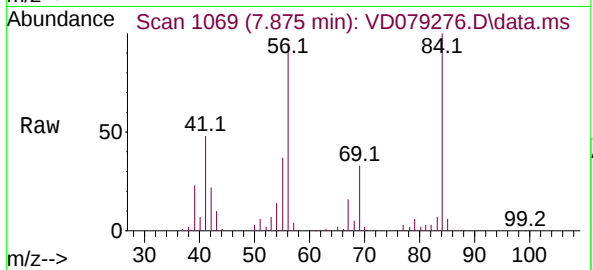
Tgt Ion: 56 Resp: 89023

Ion Ratio Lower Upper

56 100

69 33.1 25.0 37.4

84 107.5 81.7 122.5



#30

1,1,1-Trichloroethane

Concen: 24.614 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD079276.D

Acq: 27 Jun 2024 15:31

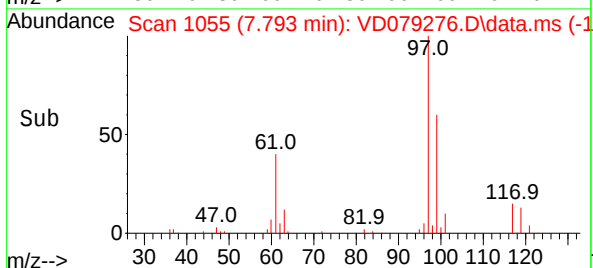
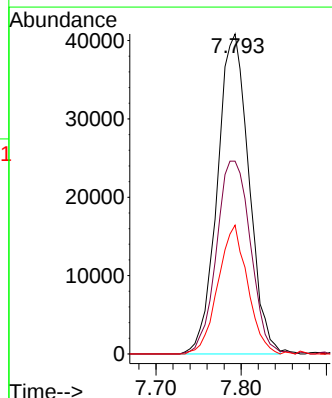
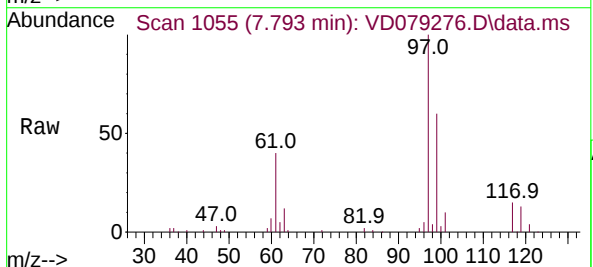
Tgt Ion: 97 Resp: 105004

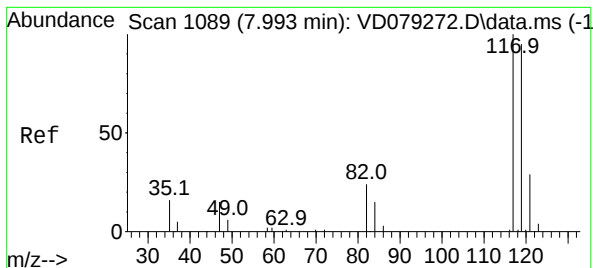
Ion Ratio Lower Upper

97 100

99 65.0 52.2 78.4

61 37.7 31.3 46.9





#31

Carbon tetrachloride

Concen: 24.839 ug/L

RT: 7.993 min Scan# 110

Delta R.T. -0.000 min

Lab File: VD079276.D

Acq: 27 Jun 2024 15:31

Instrument :

MSVOA_D

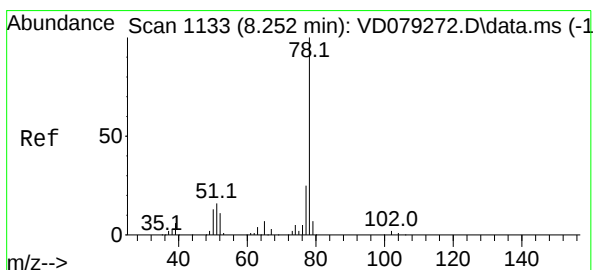
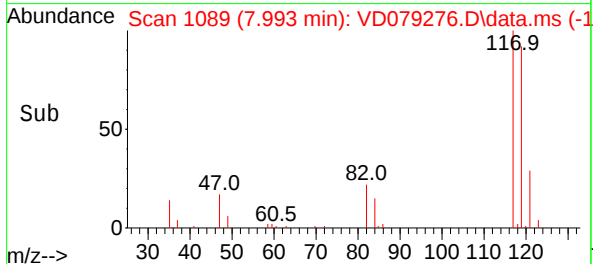
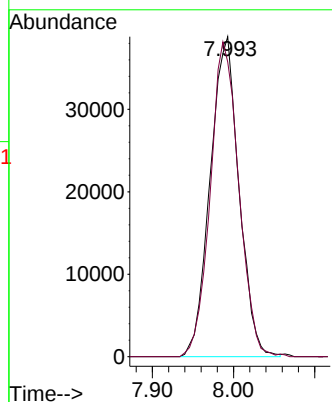
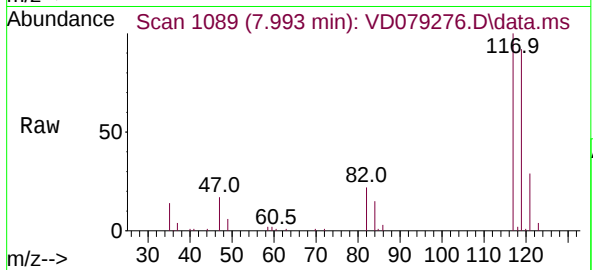
ClientSampleId :

Tgt Ion:117 Resp: 95648

Ion Ratio Lower Upper

117 100

119 97.2 77.8 116.8



#33

Benzene

Concen: 23.610 ug/L

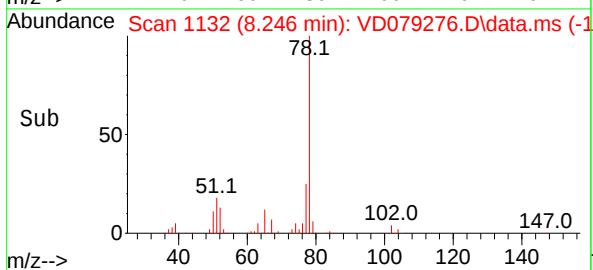
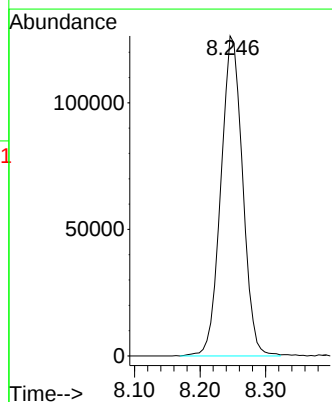
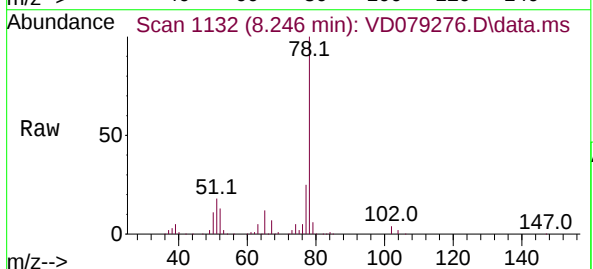
RT: 8.246 min Scan# 1132

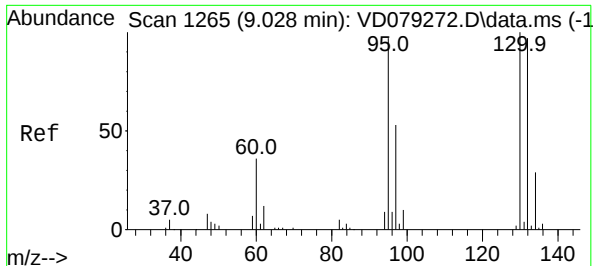
Delta R.T. -0.006 min

Lab File: VD079276.D

Acq: 27 Jun 2024 15:31

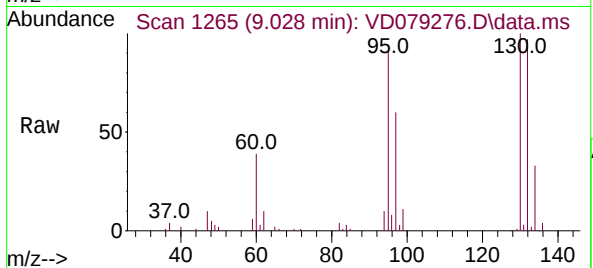
Tgt Ion: 78 Resp: 290661





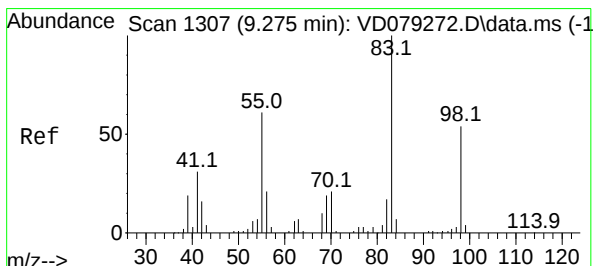
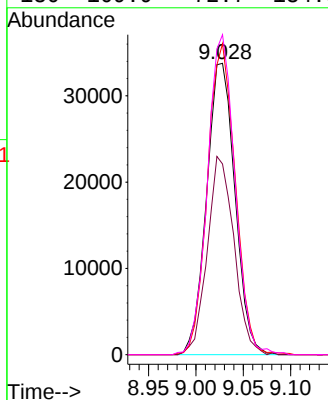
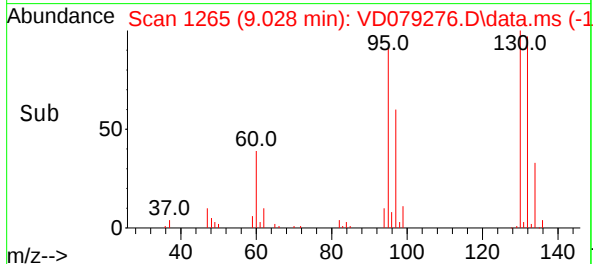
#34
Trichloroethene
Concen: 23.397 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD079276.D
Acq: 27 Jun 2024 15:31

Instrument :
MSVOA_D
ClientSampleId :

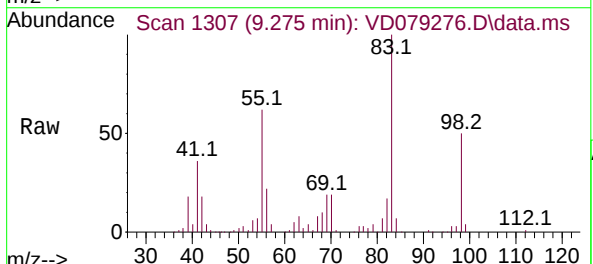


Tgt Ion: 95 Resp: 70401

Ion	Ratio	Lower	Upper
95	100		
97	65.5	38.4	71.2
132	106.8	70.0	130.0
130	109.9	72.7	134.9

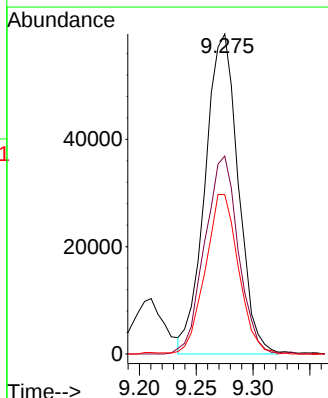
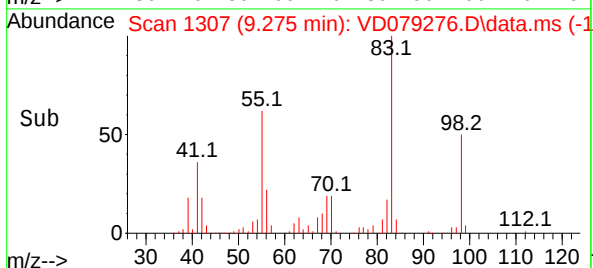


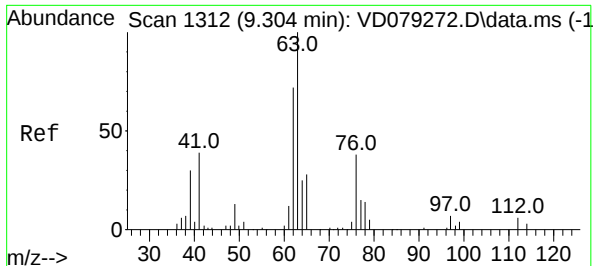
#35
Methylcyclohexane
Concen: 26.104 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD079276.D
Acq: 27 Jun 2024 15:31



Tgt Ion: 83 Resp: 121098

Ion	Ratio	Lower	Upper
83	100		
55	62.6	50.9	76.3
98	49.8	39.9	59.9

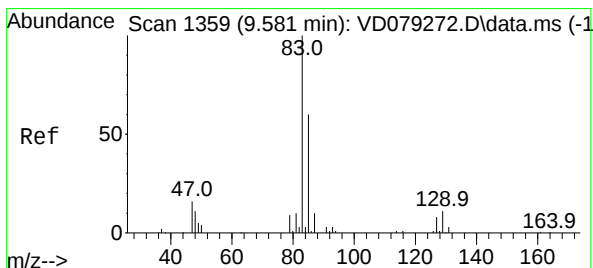
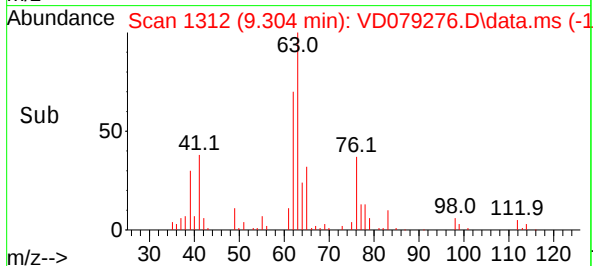
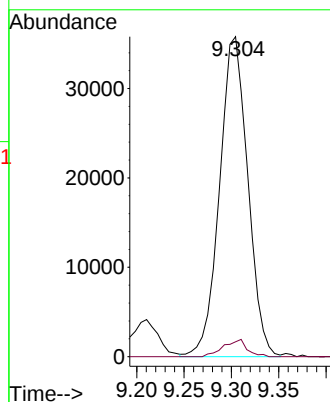
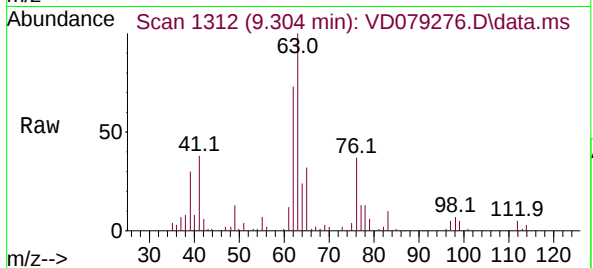




#37
1,2-Dichloropropane
Concen: 23.097 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD079276.D
Acq: 27 Jun 2024 15:31

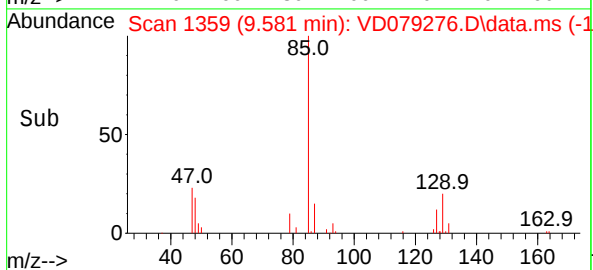
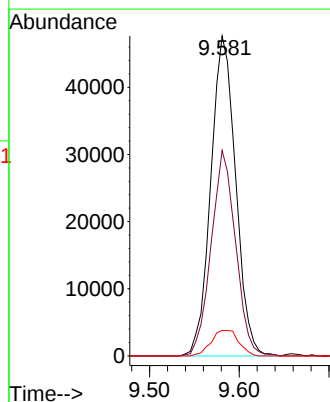
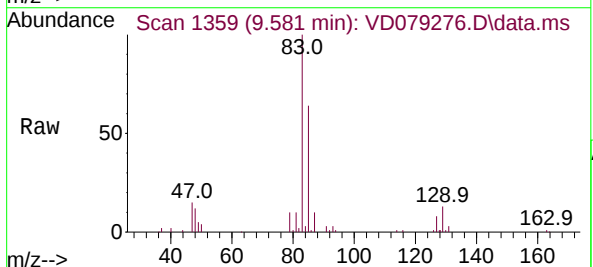
Instrument :
MSVOA_D
ClientSampleId :

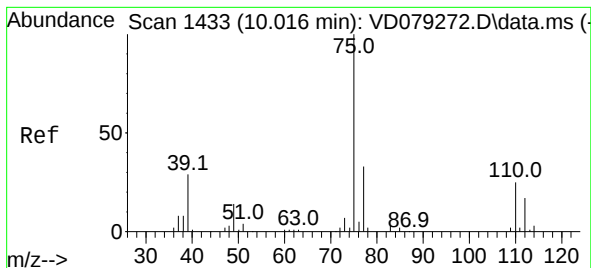
Tgt Ion: 63 Resp: 74296
Ion Ratio Lower Upper
63 100
112 4.5 3.9 5.9



#38
Bromodichloromethane
Concen: 22.273 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD079276.D
Acq: 27 Jun 2024 15:31

Tgt Ion: 83 Resp: 91768
Ion Ratio Lower Upper
83 100
85 64.2 41.8 77.6
127 8.0 6.1 9.1

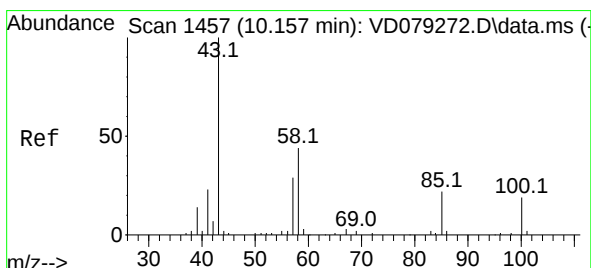
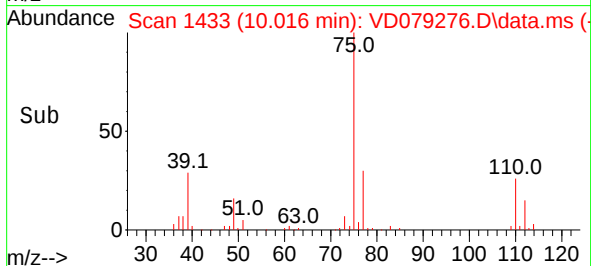
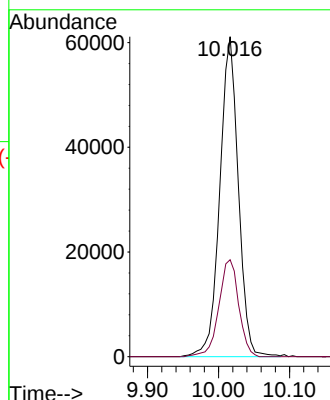
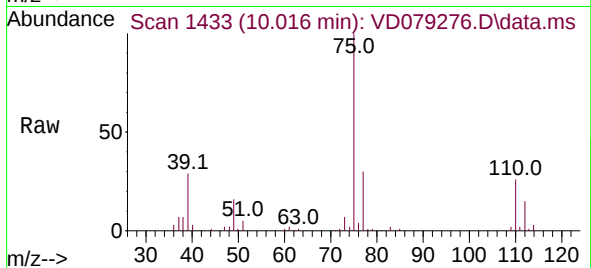




#39
cis-1,3-Dichloropropene
Concen: 23.399 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD079276.D
Acq: 27 Jun 2024 15:31

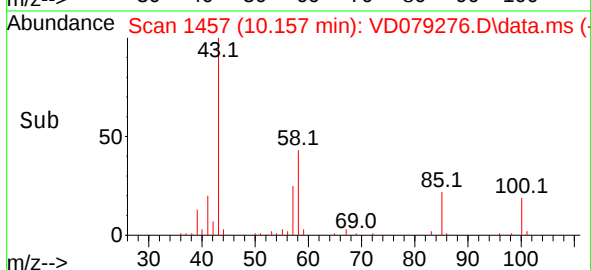
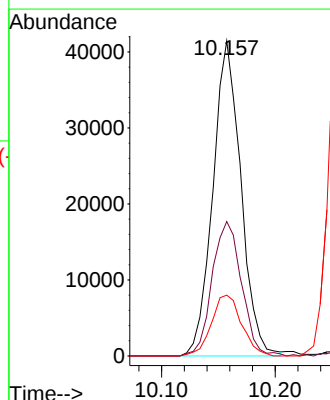
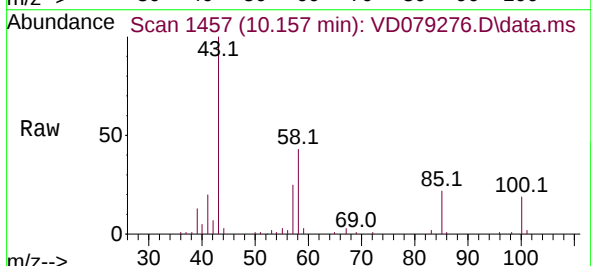
Instrument :
MSVOA_D
ClientSampleId :

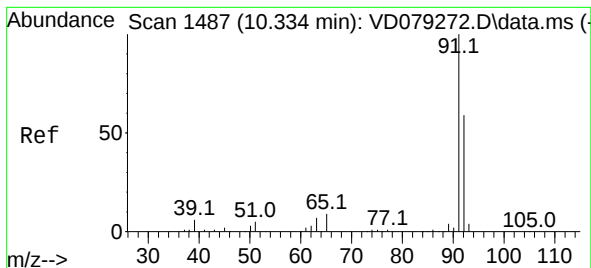
Tgt Ion: 75 Resp: 110453
Ion Ratio Lower Upper
75 100
77 30.3 22.8 42.4



#40
4-Methyl-2-pentanone
Concen: 46.554 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079276.D
Acq: 27 Jun 2024 15:31

Tgt Ion: 43 Resp: 70986
Ion Ratio Lower Upper
43 100
58 44.3 37.5 56.3
100 20.8 17.4 26.0





#42

Toluene

Concen: 24.536 ug/L

RT: 10.328 min Scan# 1486

Delta R.T. -0.006 min

Lab File: VD079276.D

Acq: 27 Jun 2024 15:31

Instrument :

MSVOA_D

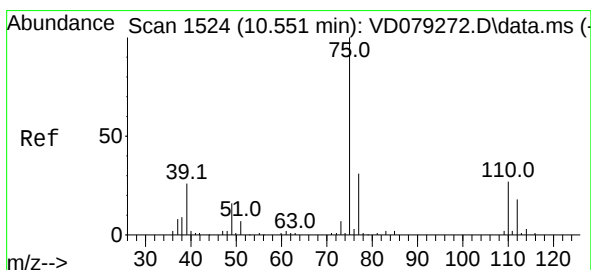
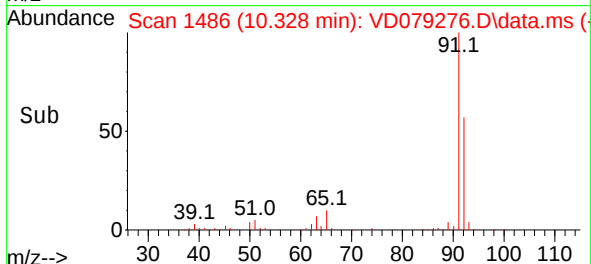
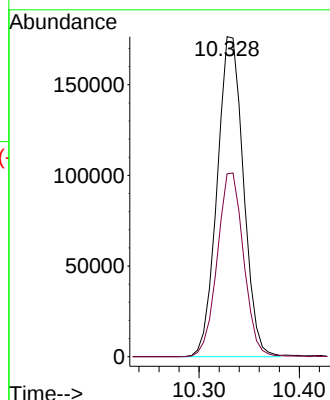
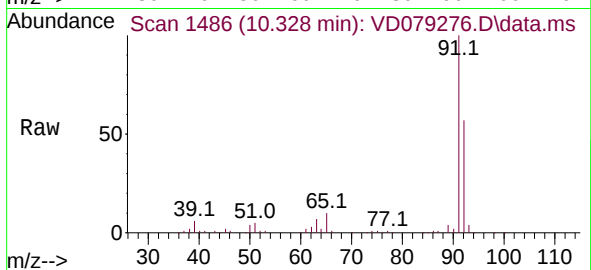
ClientSampleId :

Tgt Ion: 91 Resp: 321431

Ion Ratio Lower Upper

91 100

92 57.2 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 22.931 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD079276.D

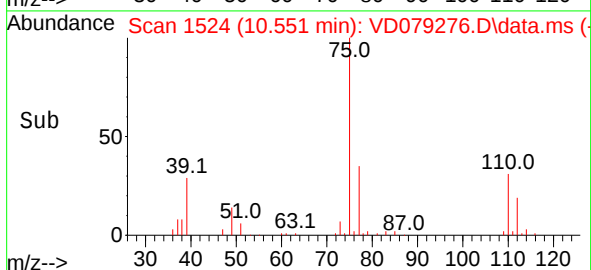
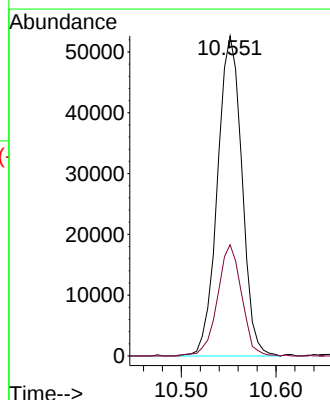
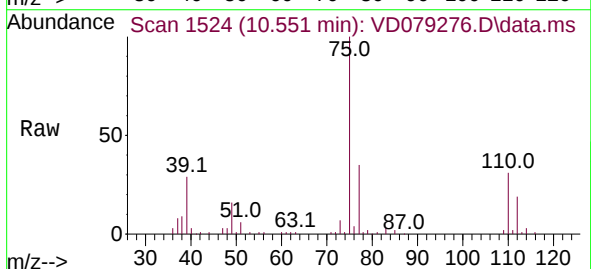
Acq: 27 Jun 2024 15:31

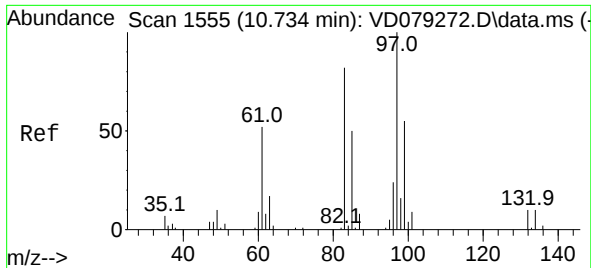
Tgt Ion: 75 Resp: 94574

Ion Ratio Lower Upper

75 100

77 34.7 21.3 39.6

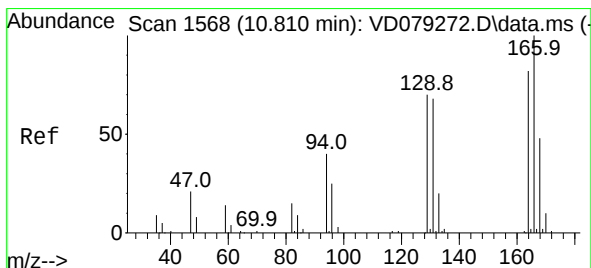
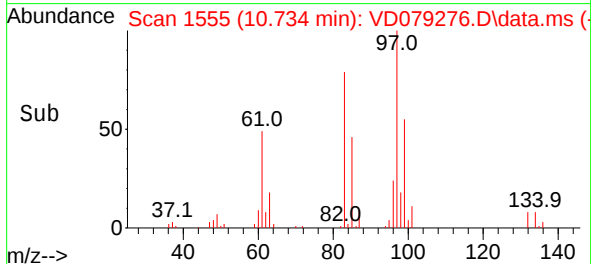
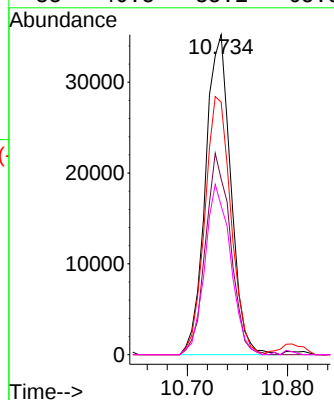
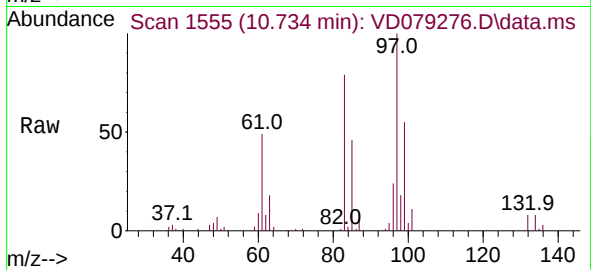




#45
1,1,2-Trichloroethane
Concen: 22.384 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD079276.D
Acq: 27 Jun 2024 15:31

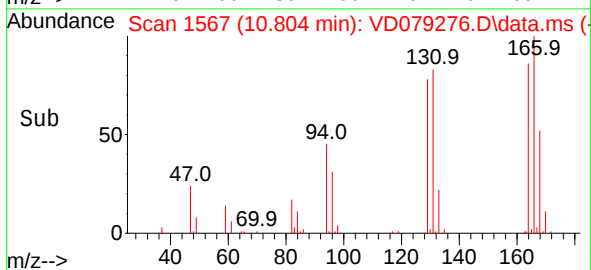
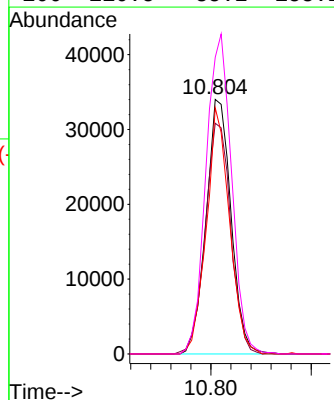
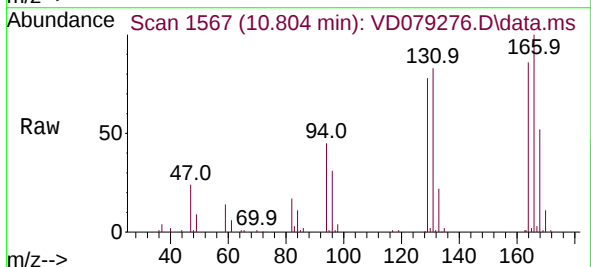
Instrument :
MSVOA_D
ClientSampleId :

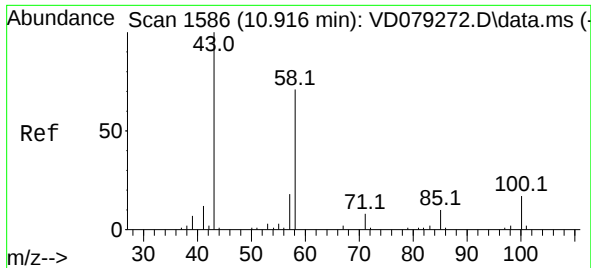
Tgt Ion: 97	Resp: 61871
Ion Ratio	Lower Upper
97 100	
99 54.9	38.7 71.9
83 79.0	57.1 106.1
85 46.5	35.1 65.3



#46
Tetrachloroethene
Concen: 24.651 ug/L
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD079276.D
Acq: 27 Jun 2024 15:31

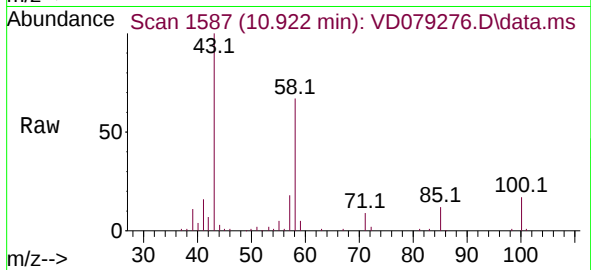
Tgt	Ion:164	Resp:	59063
Ion	Ratio	Lower	Upper
164	100		
129	90.6	60.0	111.4
131	96.6	57.7	107.1
166	116.5	85.2	158.2



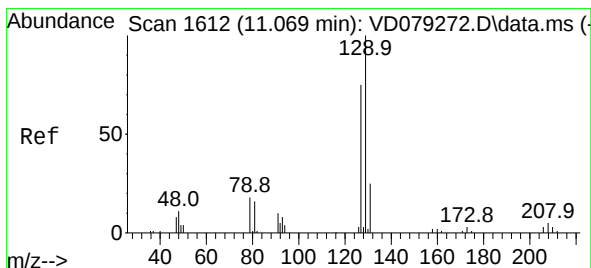
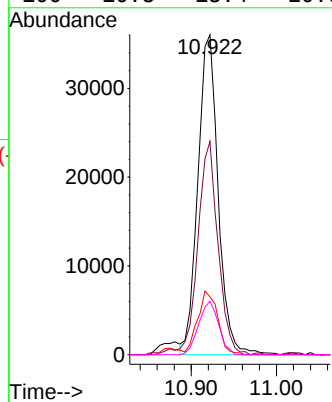
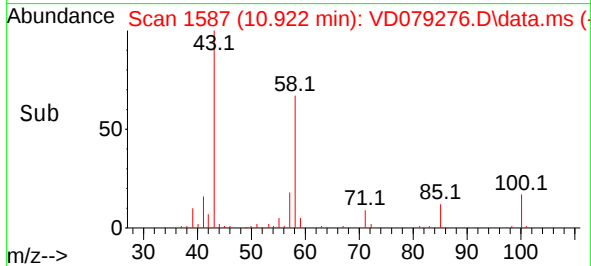


#48
2-Hexanone
Concen: 53.627 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD079276.D
Acq: 27 Jun 2024 15:31

Instrument :
MSVOA_D
ClientSampleId :

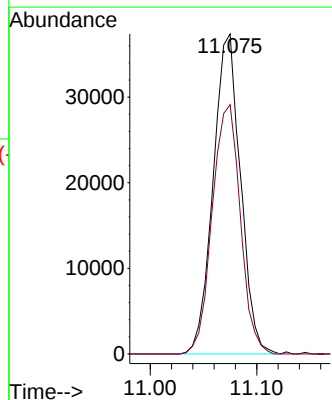
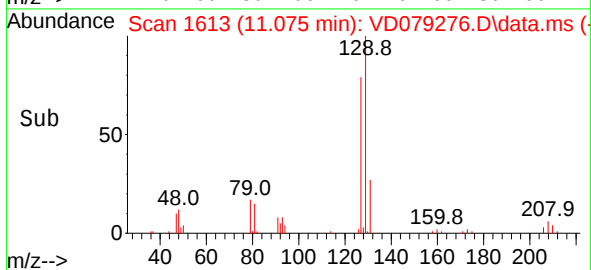
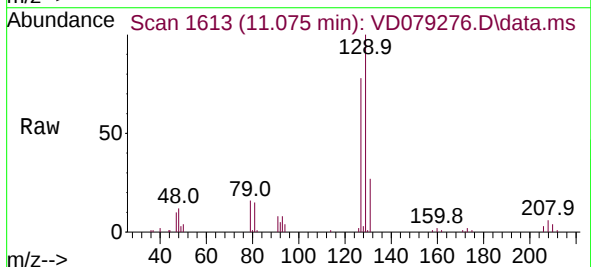


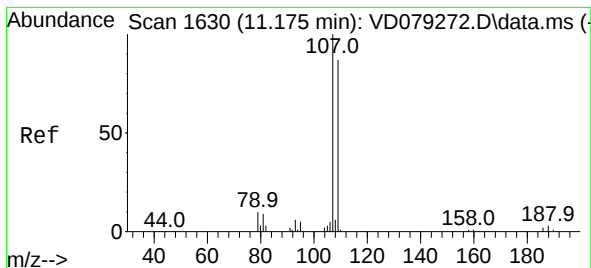
Tgt Ion: 43 Resp: 59691
Ion Ratio Lower Upper
43 100
58 65.4 53.4 80.2
57 19.7 15.0 22.4
100 16.3 13.4 20.0



#49
Dibromochloromethane
Concen: 22.289 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD079276.D
Acq: 27 Jun 2024 15:31

Tgt Ion: 129 Resp: 66533
Ion Ratio Lower Upper
129 100
127 77.9 52.2 97.0





#50

1,2-Dibromoethane

Concen: 22.062 ug/L

RT: 11.175 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079276.D

Acq: 27 Jun 2024 15:31

Instrument :

MSVOA_D

ClientSampleId :

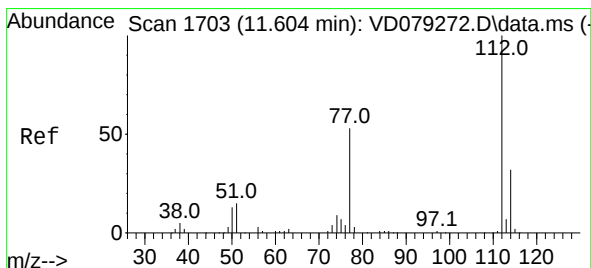
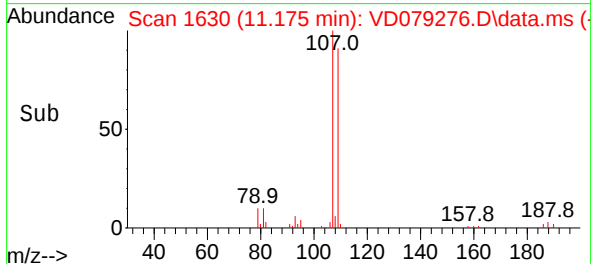
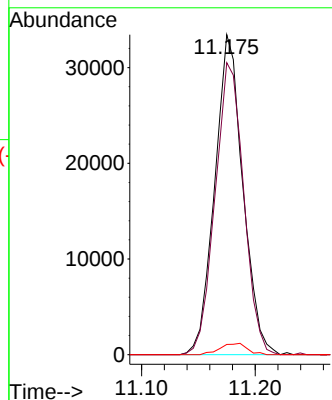
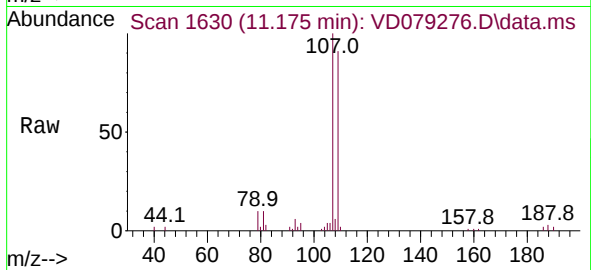
Tgt Ion:107 Resp: 57367

Ion Ratio Lower Upper

107 100

109 91.2 60.6 112.6

188 3.2 2.7 4.1



#51

Chlorobenzene

Concen: 22.713 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VD079276.D

Acq: 27 Jun 2024 15:31

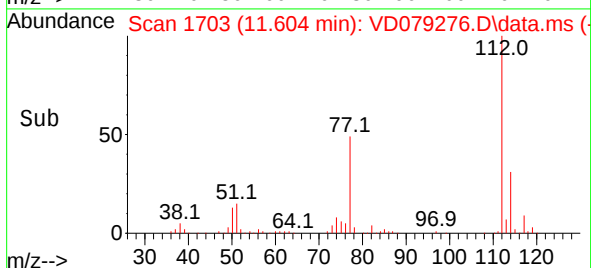
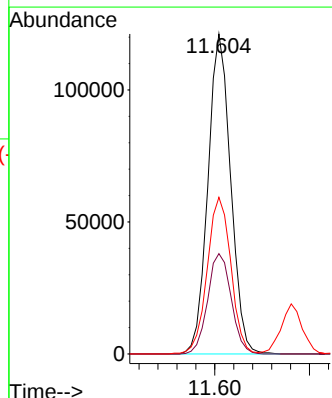
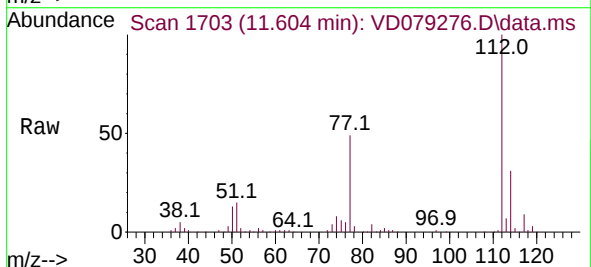
Tgt Ion:112 Resp: 201638

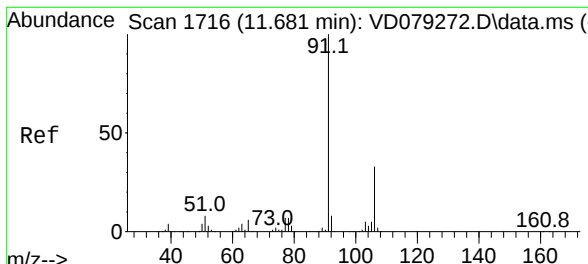
Ion Ratio Lower Upper

112 100

114 31.3 22.5 41.7

77 49.0 42.6 64.0

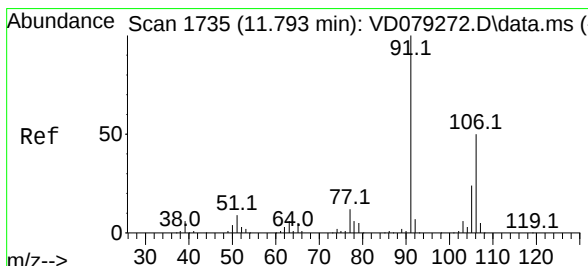
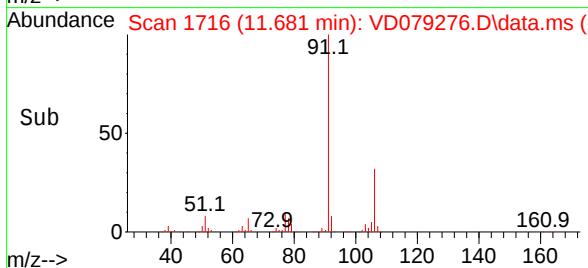
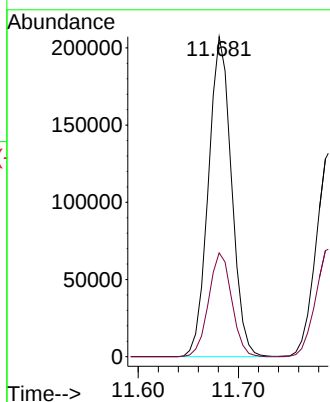
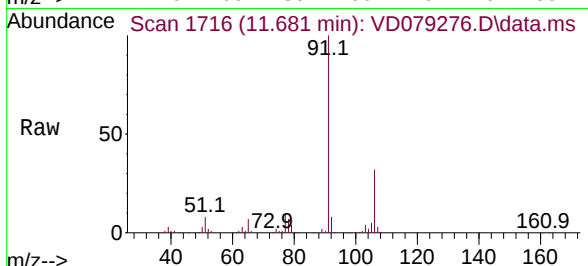




#52
Ethylbenzene
Concen: 24.587 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079276.D
Acq: 27 Jun 2024 15:31

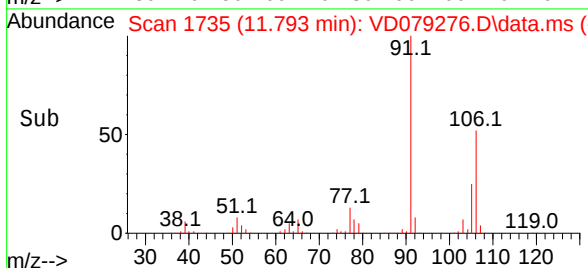
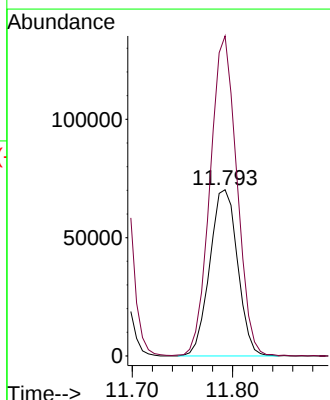
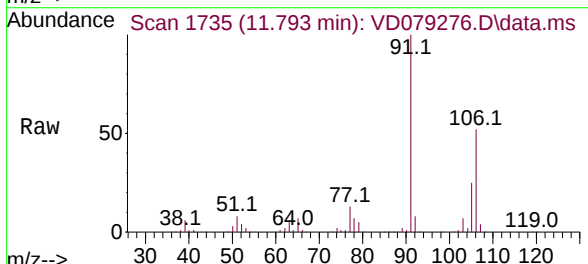
Instrument :
MSVOA_D
ClientSampleId :

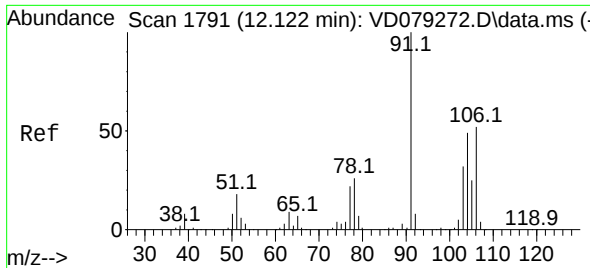
Tgt Ion: 91 Resp: 332432
Ion Ratio Lower Upper
91 100
106 32.4 22.8 42.4



#53
m,p-Xylene
Concen: 25.432 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079276.D
Acq: 27 Jun 2024 15:31

Tgt Ion: 106 Resp: 135620
Ion Ratio Lower Upper
106 100
91 192.4 138.9 257.9

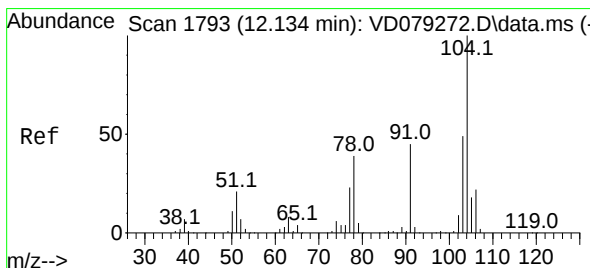
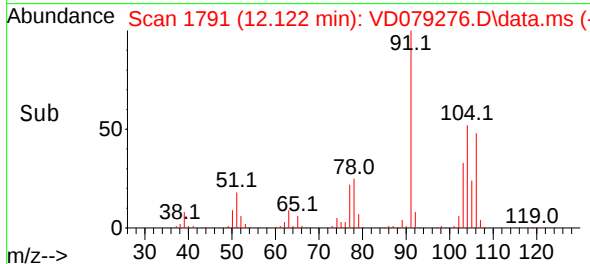
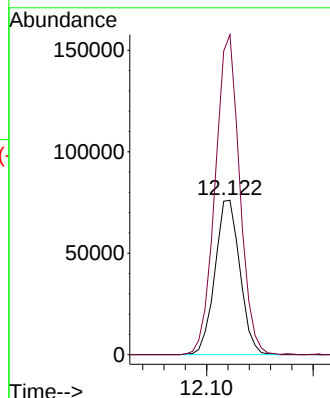
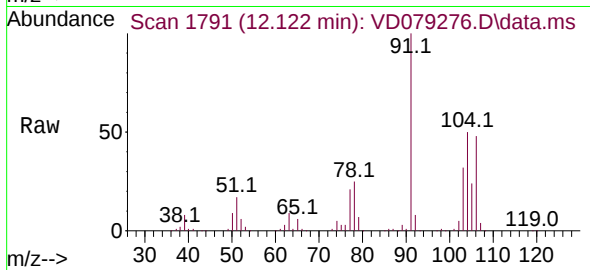




#54
o-Xylene
Concen: 23.096 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD079276.D
Acq: 27 Jun 2024 15:31

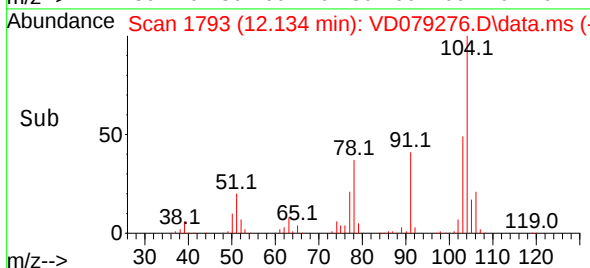
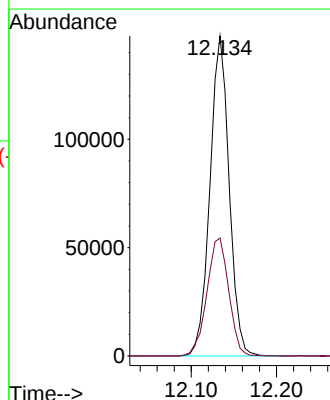
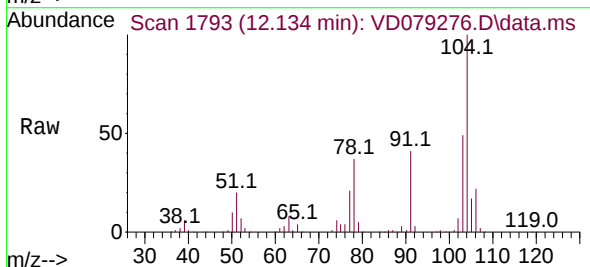
Instrument :
MSVOA_D
ClientSampleId :

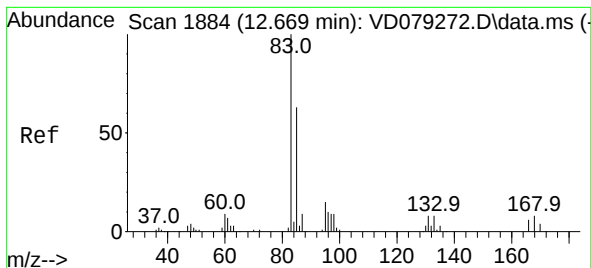
Tgt Ion:106 Resp: 123786
Ion Ratio Lower Upper
106 100
91 207.3 135.6 251.8



#55
Styrene
Concen: 24.136 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079276.D
Acq: 27 Jun 2024 15:31

Tgt Ion:104 Resp: 231362
Ion Ratio Lower Upper
104 100
78 36.8 27.4 50.8





#57

1,1,2,2-Tetrachloroethane

Concen: 22.026 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VD079276.D

Acq: 27 Jun 2024 15:31

Instrument :

MSVOA_D

ClientSampleId :

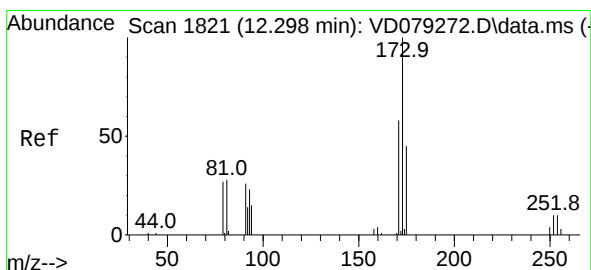
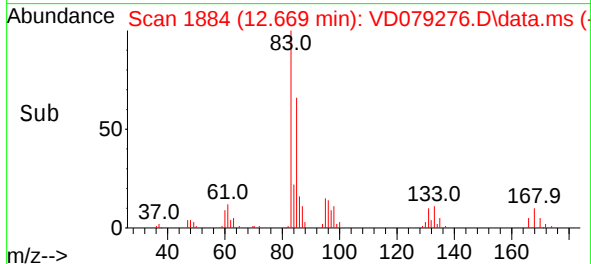
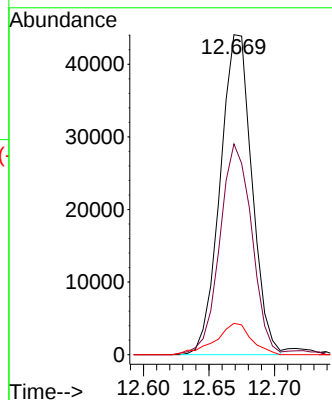
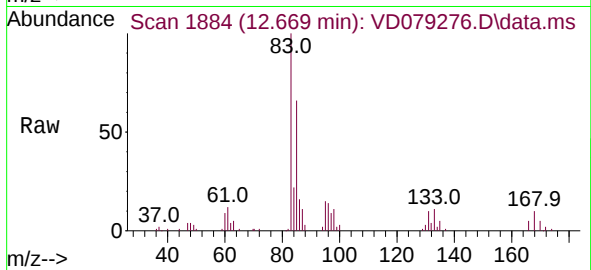
Tgt Ion: 83 Resp: 74240

Ion Ratio Lower Upper

83 100

85 65.9 44.0 81.8

131 9.8 6.0 9.0#



#59

Bromoform

Concen: 22.097 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD079276.D

Acq: 27 Jun 2024 15:31

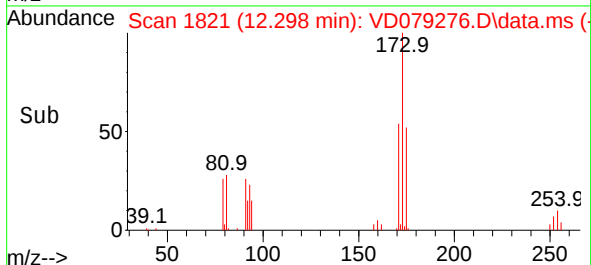
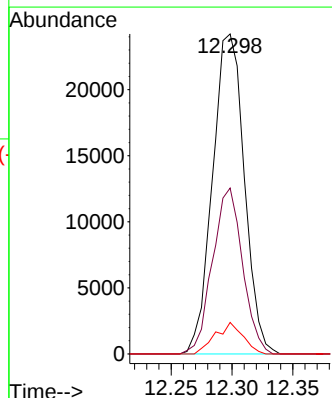
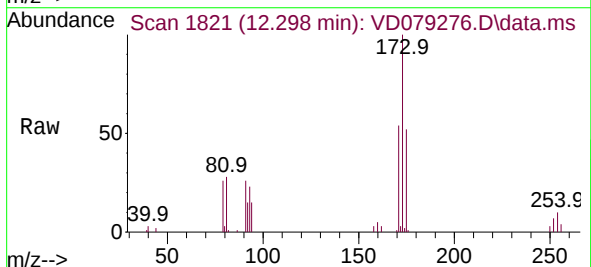
Tgt Ion:173 Resp: 43919

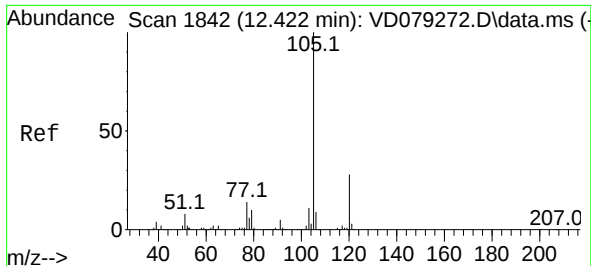
Ion Ratio Lower Upper

173 100

175 49.1 39.1 58.7

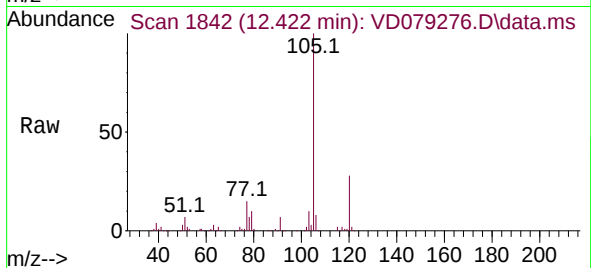
254 8.6 7.3 10.9



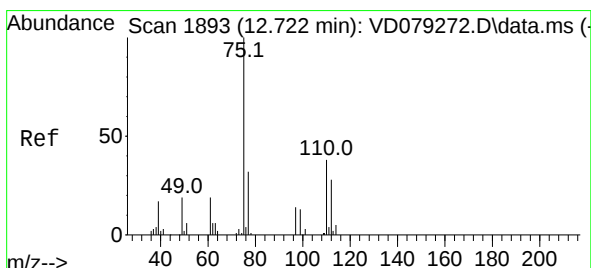
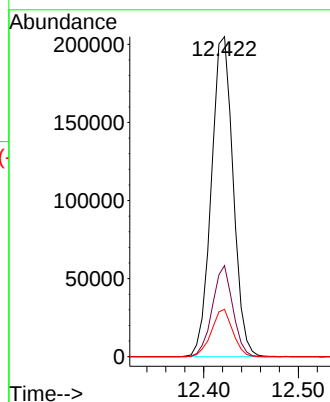
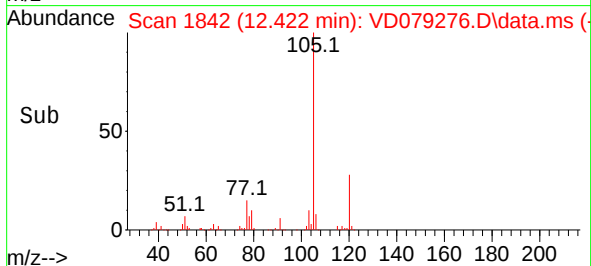


#60
Isopropylbenzene
Concen: 24.780 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD079276.D
Acq: 27 Jun 2024 15:31

Instrument :
MSVOA_D
ClientSampleId :

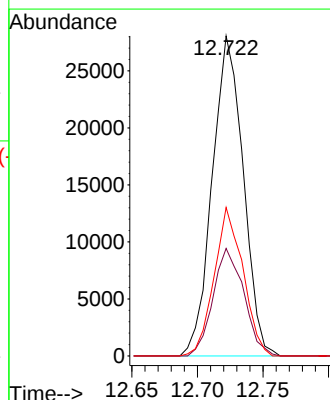
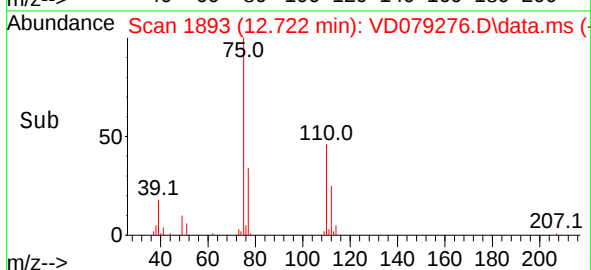
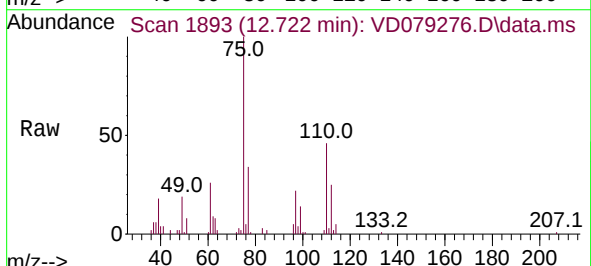


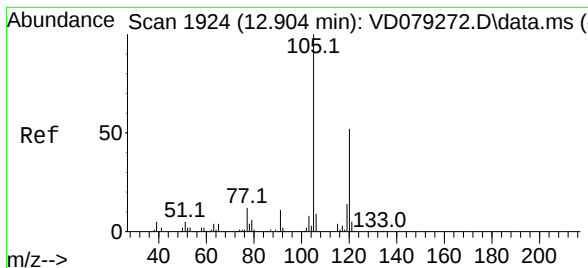
Tgt Ion:105 Resp: 327545
Ion Ratio Lower Upper
105 100
120 26.8 21.9 32.9
77 14.5 11.2 16.8



#61
1,2,3-Trichloropropane
Concen: 21.446 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD079276.D
Acq: 27 Jun 2024 15:31

Tgt Ion: 75 Resp: 46073
Ion Ratio Lower Upper
75 100
77 33.4 27.3 40.9
110 43.2 34.0 51.0





#62

1,3,5-Trimethylbenzene

Concen: 23.947 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD079276.D

Acq: 27 Jun 2024 15:31

Instrument :

MSVOA_D

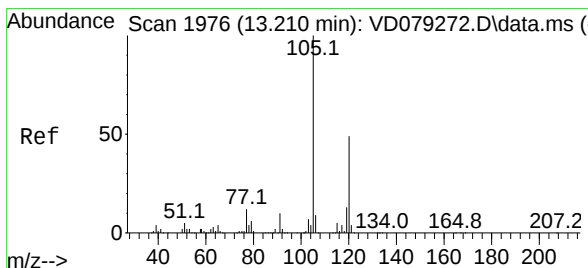
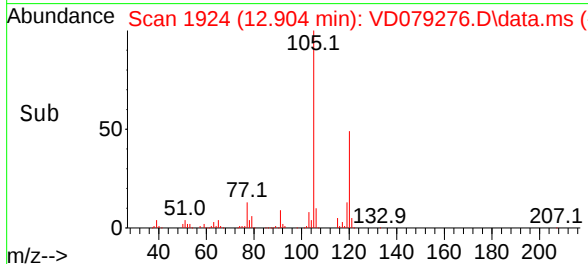
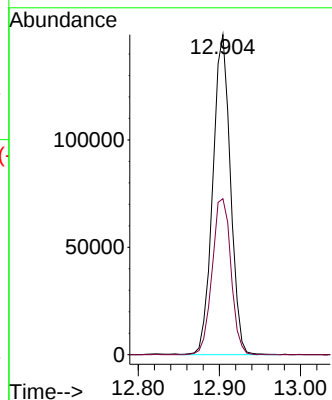
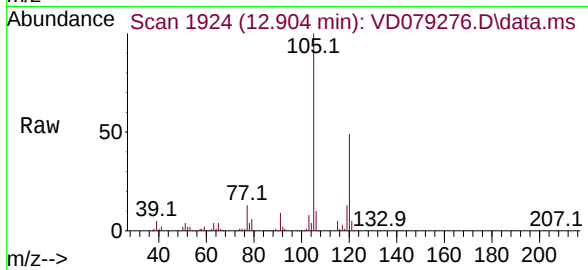
ClientSampleId :

Tgt Ion:105 Resp: 225233

Ion Ratio Lower Upper

105 100

120 51.8 40.0 60.0



#63

1,2,4-Trimethylbenzene

Concen: 23.570 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD079276.D

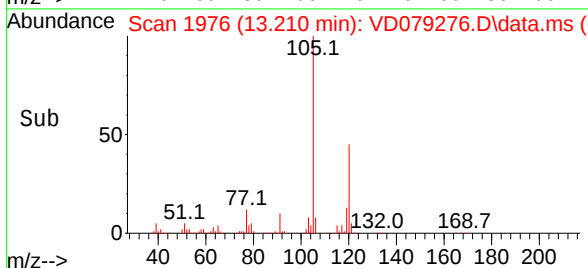
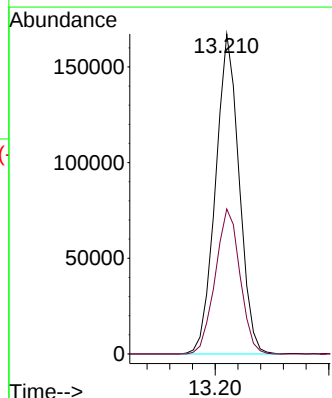
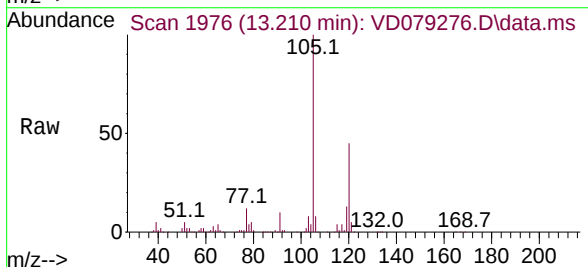
Acq: 27 Jun 2024 15:31

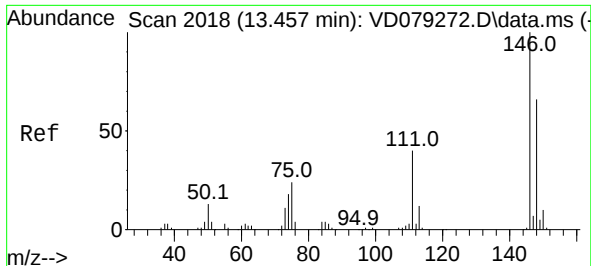
Tgt Ion:105 Resp: 241368

Ion Ratio Lower Upper

105 100

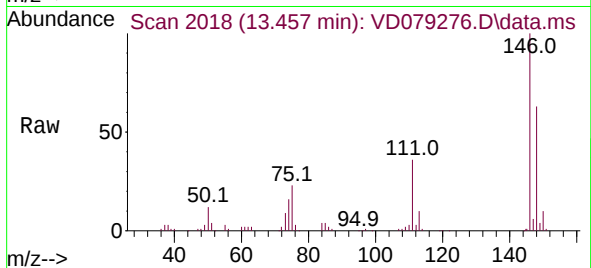
120 47.4 38.1 57.1



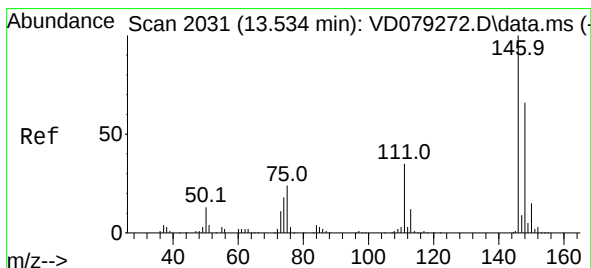
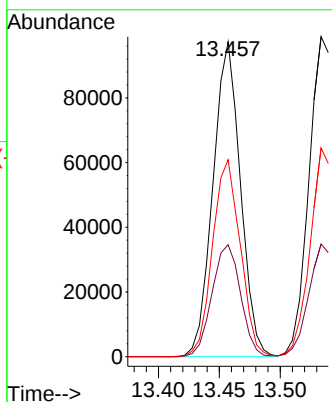
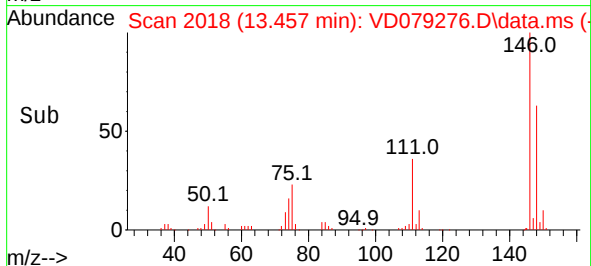


#64
1,3-Dichlorobenzene
Concen: 23.014 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD079276.D
Acq: 27 Jun 2024 15:31

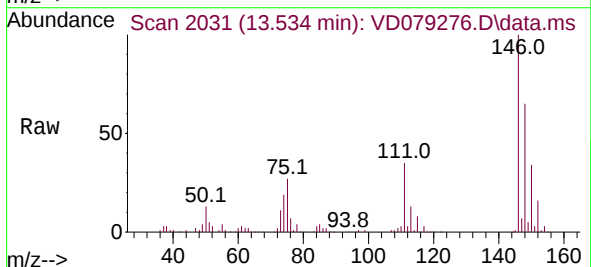
Instrument :
MSVOA_D
ClientSampleId :



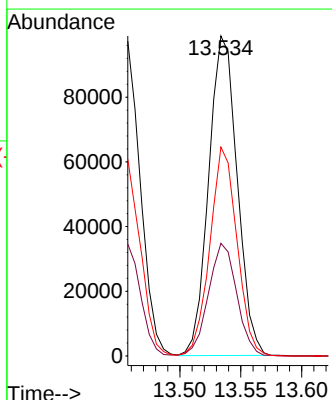
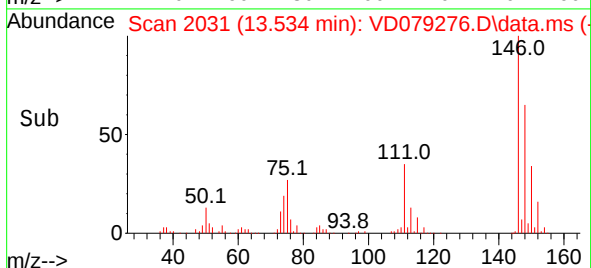
Tgt Ion:146 Resp: 152738
Ion Ratio Lower Upper
146 100
111 35.6 27.7 51.5
148 62.6 45.9 85.3

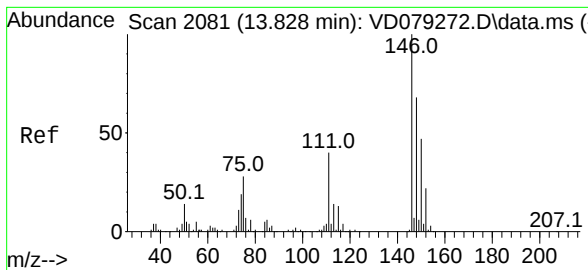


#65
1,4-Dichlorobenzene
Concen: 23.030 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD079276.D
Acq: 27 Jun 2024 15:31



Tgt Ion:146 Resp: 161167
Ion Ratio Lower Upper
146 100
111 35.2 24.8 46.1
148 65.3 45.9 85.3

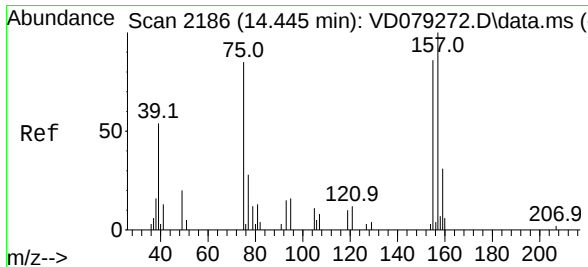
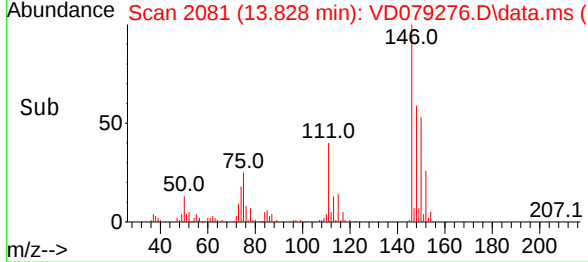
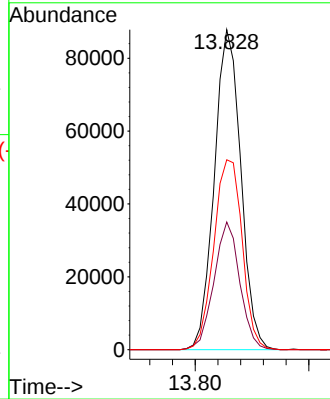
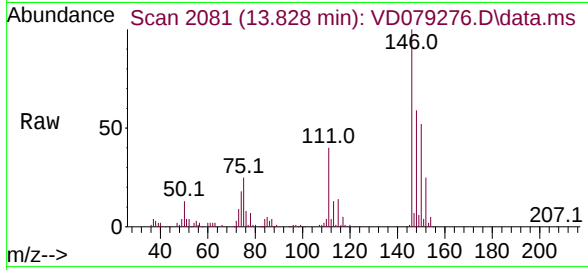




#67
1,2-Dichlorobenzene
Concen: 22.206 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD079276.D
Acq: 27 Jun 2024 15:31

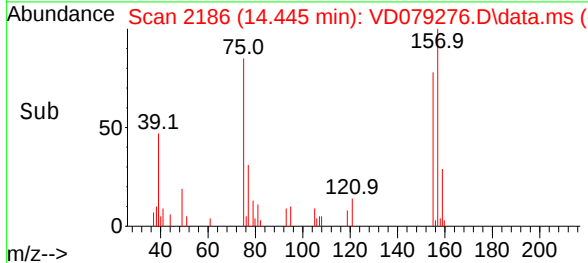
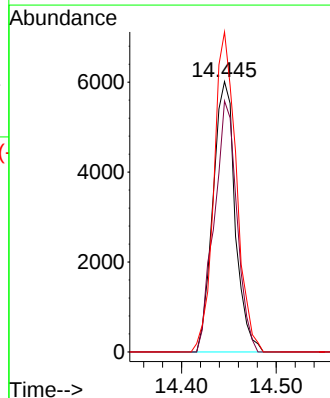
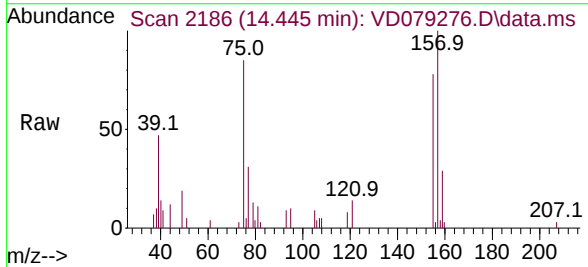
Instrument :
MSVOA_D
ClientSampleId :

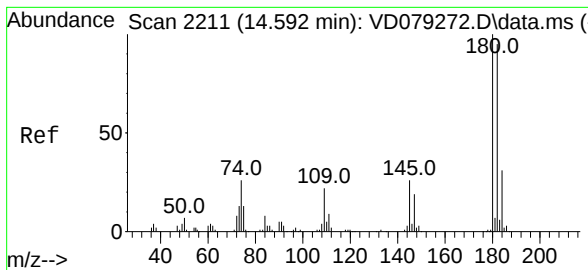
Tgt Ion:146 Resp: 142363
Ion Ratio Lower Upper
146 100
111 39.9 31.9 47.9
148 59.3 54.2 81.4



#68
1,2-Dibromo-3-chloropropane
Concen: 22.087 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD079276.D
Acq: 27 Jun 2024 15:31

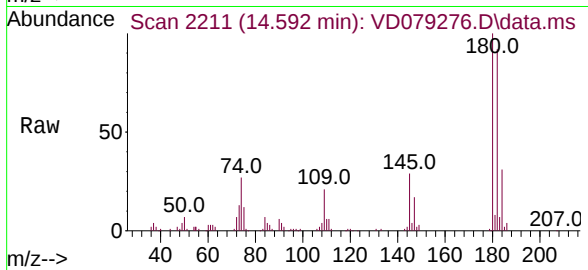
Tgt Ion: 75 Resp: 9796
Ion Ratio Lower Upper
75 100
155 92.9 80.5 120.7
157 118.3 93.6 140.4



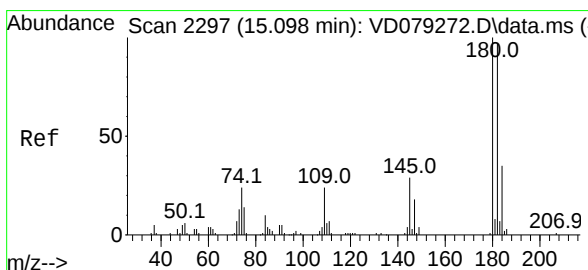
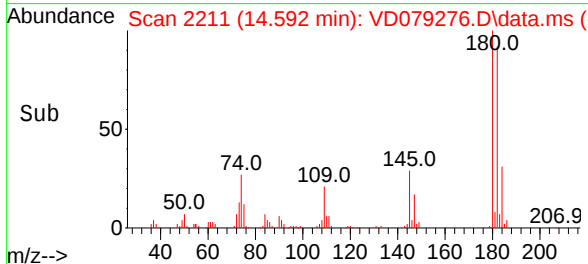
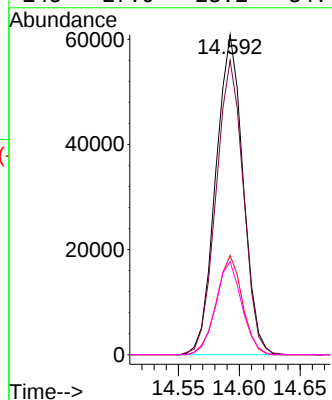


#69
 1,3,5-Trichlorobenzene
 Concen: 22.880 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. -0.000 min
 Lab File: VD079276.D
 Acq: 27 Jun 2024 15:31

Instrument :
 MSVOA_D
 ClientSampleId :

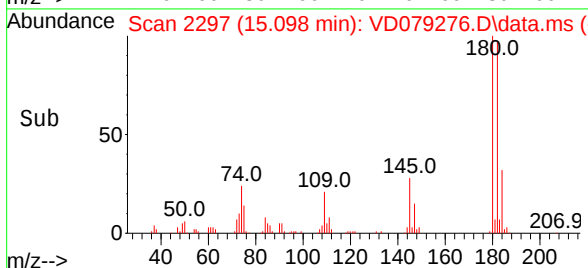
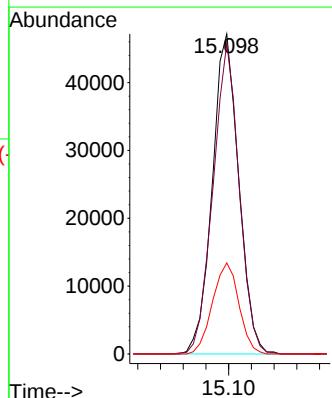
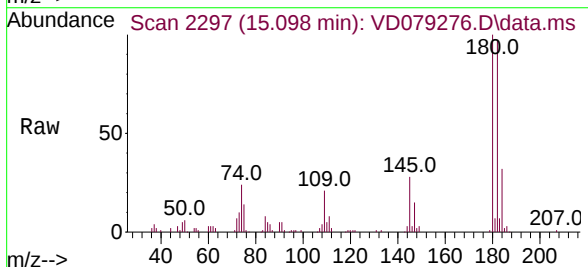


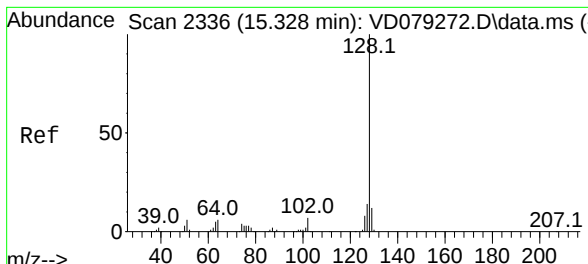
Tgt Ion:180 Resp: 94774
 Ion Ratio Lower Upper
 180 100
 182 92.1 76.5 114.7
 184 29.4 23.8 35.8
 145 27.9 23.1 34.7



#70
 1,2,4-trichlorobenzene
 Concen: 22.215 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VD079276.D
 Acq: 27 Jun 2024 15:31

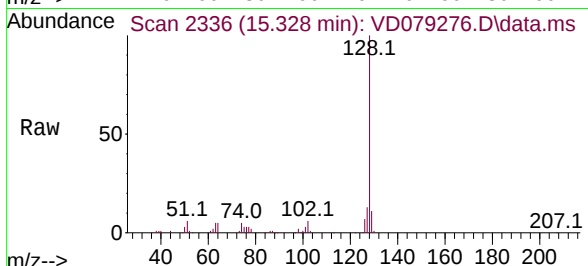
Tgt Ion:180 Resp: 76300
 Ion Ratio Lower Upper
 180 100
 182 95.5 75.1 112.7
 145 28.3 22.6 33.8



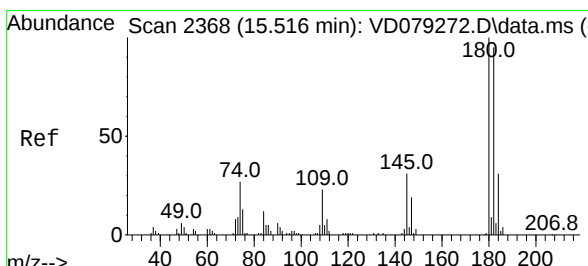
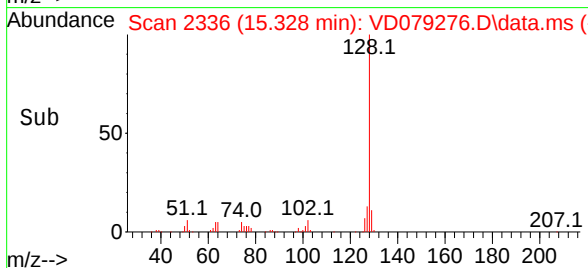
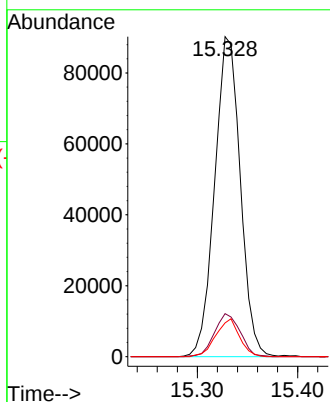


#71
Naphthalene
Concen: 21.473 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD079276.D
Acq: 27 Jun 2024 15:31

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	128	Resp:	160094
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.9	16.3
129	10.9	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 22.535 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD079276.D
Acq: 27 Jun 2024 15:31

Tgt Ion:	180	Resp:	73581
Ion Ratio	Lower	Upper	
180	100		
182	93.8	76.0	114.0
145	31.3	25.0	37.4

