

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062824\
 Data File : VD079281.D
 Acq On : 28 Jun 2024 14:26
 Operator : RP/MD
 Sample : VSTDIC020
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 29 06:06:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 05:53:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	152039	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	293403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	276126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	131171	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	41052	25.613	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	51.220%
35) Dibromofluoromethane	7.805	113	42686	22.164	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	44.320%#
50) Toluene-d8	10.263	98	163090	23.539	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	47.080%#
62) 4-Bromofluorobenzene	12.569	95	47288	21.285	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	42.560%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.928	85	35118	20.436	ug/l	98
3) Chloromethane	2.146	50	57485	22.061	ug/l	98
4) Vinyl Chloride	2.281	62	61623	21.208	ug/l	98
5) Bromomethane	2.675	94	58233	23.030	ug/l	98
6) Chloroethane	2.828	64	43987	21.341	ug/l	94
7) Trichlorofluoromethane	3.164	101	70280	21.146	ug/l	94
8) Diethyl Ether	3.593	74	20192	20.655	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.958	101	43345	20.991	ug/l	93
10) Methyl Iodide	4.152	142	28605	18.685	ug/l	97
11) Tert butyl alcohol	5.046	59	10901	107.154	ug/l	97
12) 1,1-Dichloroethene	3.934	96	41136	20.580	ug/l	91
13) Acrolein	3.793	56	21660	107.656	ug/l	98
14) Allyl chloride	4.552	41	53343	20.911	ug/l	84
15) Acrylonitrile	5.258	53	47611	106.853	ug/l	97
16) Acetone	4.022	43	34069	94.414	ug/l	91
17) Carbon Disulfide	4.264	76	147651	21.027	ug/l	98
18) Methyl Acetate	4.558	43	24081	22.971	ug/l	91
19) Methyl tert-butyl Ether	5.322	73	86276	21.067	ug/l	97
20) Methylene Chloride	4.793	84	64218	22.843	ug/l	97
21) trans-1,2-Dichloroethene	5.299	96	47611	21.197	ug/l	94
22) Diisopropyl ether	6.216	45	123252	22.206	ug/l	# 91
23) Vinyl Acetate	6.152	43	447417	106.494	ug/l	93
24) 1,1-Dichloroethane	6.111	63	82433	21.184	ug/l	92
25) 2-Butanone	7.081	43	51650	102.742	ug/l	94
26) 2,2-Dichloropropane	7.069	77	64334	20.942	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	51030	20.738	ug/l	84
28) Bromochloromethane	7.422	49	35175	21.680	ug/l	# 74
29) Tetrahydrofuran	7.446	42	32791	105.000	ug/l	# 87
30) Chloroform	7.593	83	85692	21.347	ug/l	99
31) Cyclohexane	7.875	56	63478	19.641	ug/l	87
32) 1,1,1-Trichloroethane	7.793	97	68860	20.900	ug/l	96
36) 1,1-Dichloropropene	7.999	75	59609	19.922	ug/l	94
37) Ethyl Acetate	7.163	43	23024	20.215	ug/l	98
38) Carbon Tetrachloride	7.987	117	61518	20.246	ug/l	91
39) Methylcyclohexane	9.269	83	67199	19.089	ug/l	# 90
40) Benzene	8.246	78	186369	19.964	ug/l	# 90

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	12261	19.584	ug/l	86
42) 1,2-Dichloroethane	8.322	62	46798	20.844	ug/l	96
43) Isopropyl Acetate	8.357	43	45761	20.818	ug/l #	82
44) Trichloroethene	9.028	130	42148	19.766	ug/l	98
45) 1,2-Dichloropropane	9.304	63	47609	20.946	ug/l	98
46) Dibromomethane	9.393	93	26455	20.521	ug/l	88
47) Bromodichloromethane	9.581	83	66328	21.025	ug/l	99
48) Methyl methacrylate	9.375	41	20099	20.265	ug/l	91
49) 1,4-Dioxane	9.387	88	5431	411.125	ug/l #	81
51) 4-Methyl-2-Pentanone	10.157	43	116669	101.993	ug/l	96
52) Toluene	10.328	92	116274	20.459	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	57206	20.080	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	69245	20.257	ug/l	95
55) 1,1,2-Trichloroethane	10.728	97	33914	20.397	ug/l	93
56) Ethyl methacrylate	10.593	69	40797	20.633	ug/l	93
57) 1,3-Dichloropropane	10.881	76	57510	20.230	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	90859	101.809	ug/l #	88
59) 2-Hexanone	10.916	43	81345	100.138	ug/l	97
60) Dibromochloromethane	11.069	129	43058	20.515	ug/l	99
61) 1,2-Dibromoethane	11.175	107	30907	20.275	ug/l	90
64) Tetrachloroethene	10.804	164	35401	20.577	ug/l	92
65) Chlorobenzene	11.604	112	125843	20.490	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.675	131	43161	20.647	ug/l	97
67) Ethyl Benzene	11.681	91	211882	19.770	ug/l	97
68) m/p-Xylenes	11.793	106	167815	40.596	ug/l	88
69) o-Xylene	12.122	106	73555	19.807	ug/l	84
70) Styrene	12.134	104	135966	20.530	ug/l	95
71) Bromoform	12.298	173	24060	21.223	ug/l #	99
73) Isopropylbenzene	12.416	105	190906	19.578	ug/l	97
74) N-amyl acetate	12.234	43	42243	19.737	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.669	83	40998	20.169	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	48662	37.401	ug/l #	100
77) Bromobenzene	12.698	156	45615	20.796	ug/l	78
78) n-propylbenzene	12.763	91	247693	19.842	ug/l	94
79) 2-Chlorotoluene	12.845	91	140221	20.092	ug/l	92
80) 1,3,5-Trimethylbenzene	12.898	105	164640	19.942	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	13909	19.662	ug/l	91
82) 4-Chlorotoluene	12.945	91	151870	20.712	ug/l	92
83) tert-Butylbenzene	13.163	119	129667	19.389	ug/l	89
84) 1,2,4-Trimethylbenzene	13.210	105	164489	19.906	ug/l	95
85) sec-Butylbenzene	13.340	105	209009	19.642	ug/l	95
86) p-Isopropyltoluene	13.457	119	171741	19.554	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	92807	19.898	ug/l	94
88) 1,4-Dichlorobenzene	13.534	146	94157	20.312	ug/l	94
89) n-Butylbenzene	13.787	91	166389	19.306	ug/l	97
90) Hexachloroethane	14.051	117	38572	19.967	ug/l	87
91) 1,2-Dichlorobenzene	13.828	146	82789	20.625	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.440	75	5515	19.790	ug/l	86
93) 1,2,4-Trichlorobenzene	15.098	180	41624	19.448	ug/l	97
94) Hexachlorobutadiene	15.198	225	22931	19.268	ug/l	99
95) Naphthalene	15.328	128	81950	19.617	ug/l	97
96) 1,2,3-Trichlorobenzene	15.510	180	36626	19.354	ug/l	95

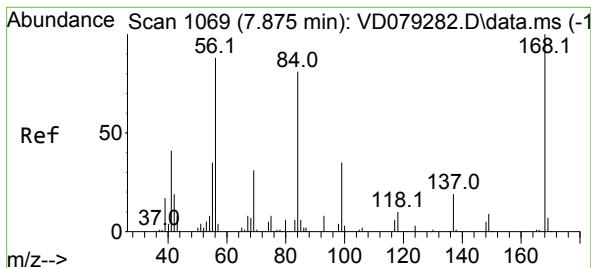
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD079281.D

Acq: 28 Jun 2024 14:26

Instrument :

MSVOA_D

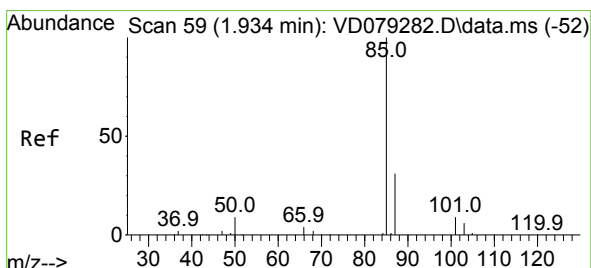
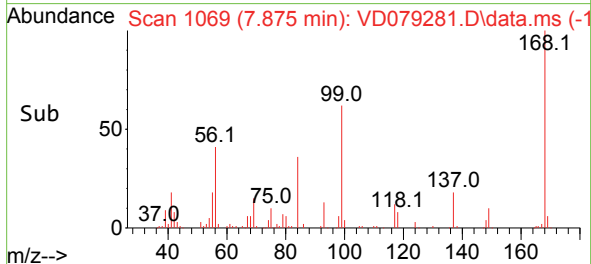
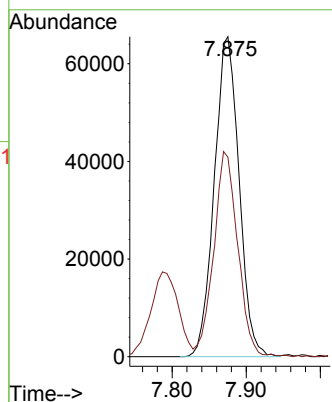
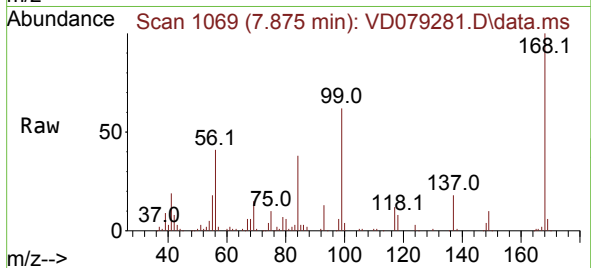
ClientSampleId :

Tgt Ion:168 Resp: 152039

Ion Ratio Lower Upper

168 100

99 62.1 41.1 61.7#



#2

Dichlorodifluoromethane

Concen: 20.436 ug/l

RT: 1.928 min Scan# 58

Delta R.T. -0.000 min

Lab File: VD079281.D

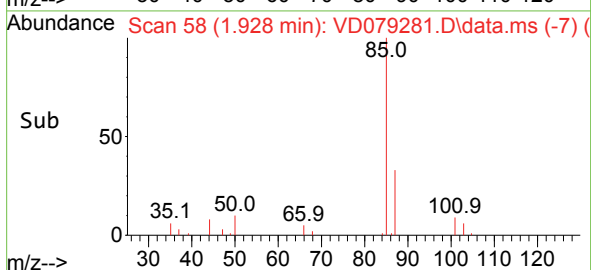
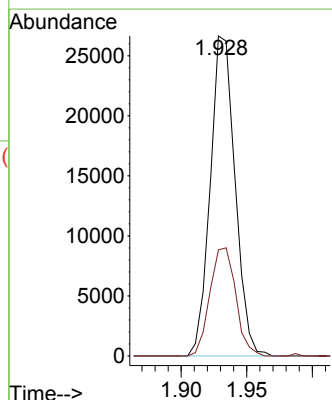
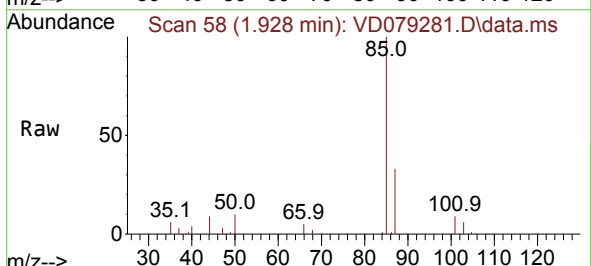
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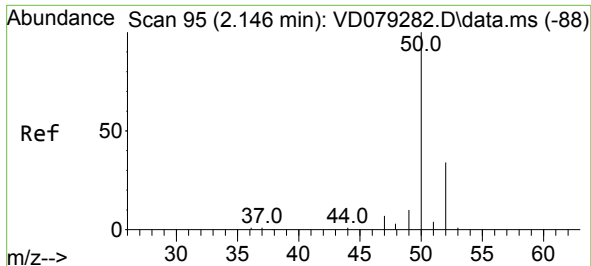
Tgt Ion: 85 Resp: 35118

Ion Ratio Lower Upper

85 100

87 33.1 16.0 48.0

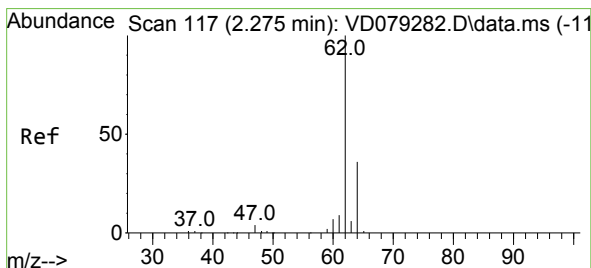
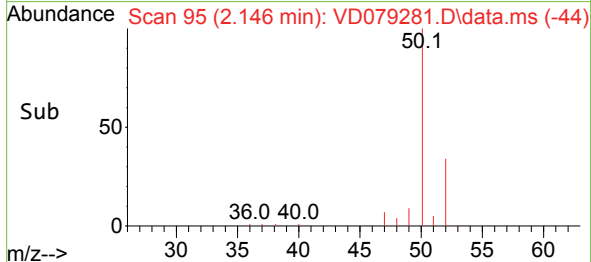
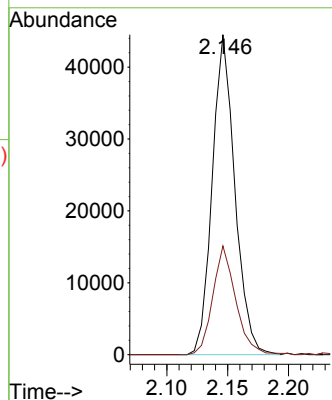
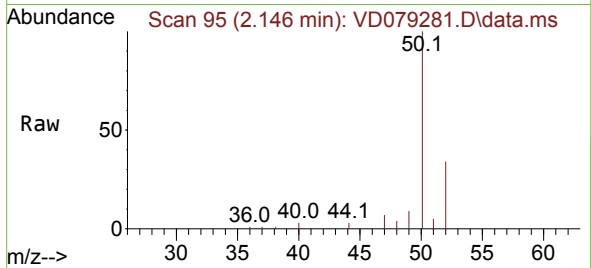




#3
Chloromethane
Concen: 22.061 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

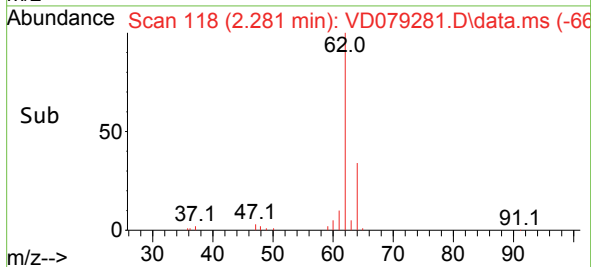
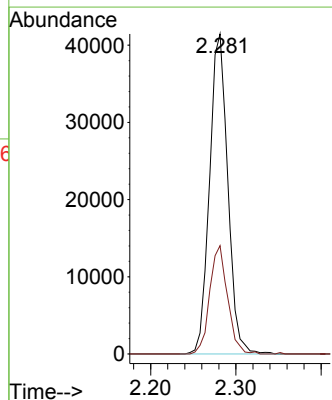
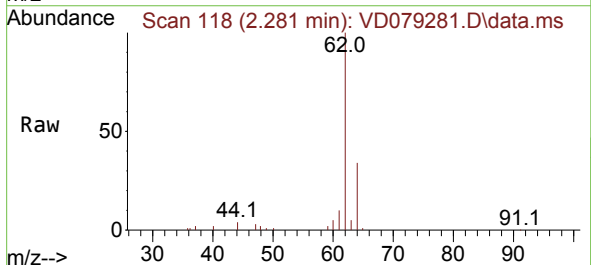
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MSVOA_D
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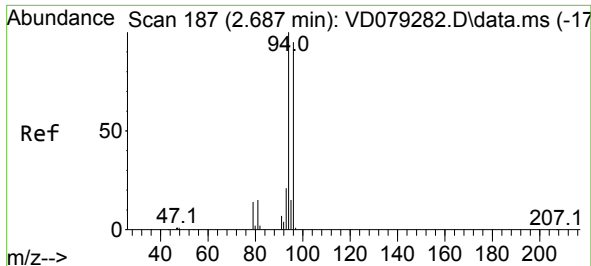
Tgt Ion: 50 Resp: 57485
Ion Ratio Lower Upper
50 100
52 34.0 28.2 42.2



#4
Vinyl Chloride
Concen: 21.208 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.006 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

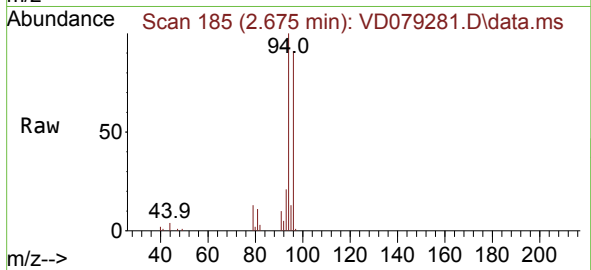
Tgt Ion: 62 Resp: 61623
Ion Ratio Lower Upper
62 100
64 33.8 26.3 39.5



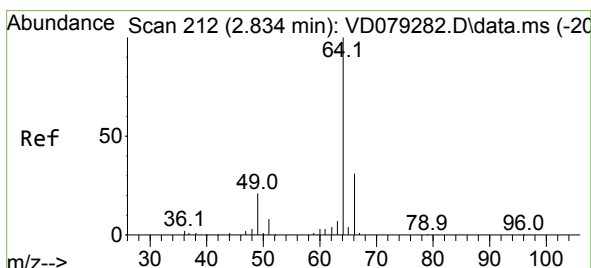
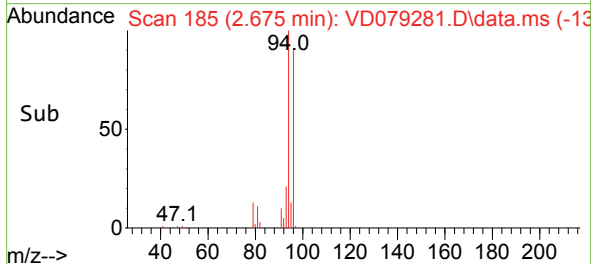
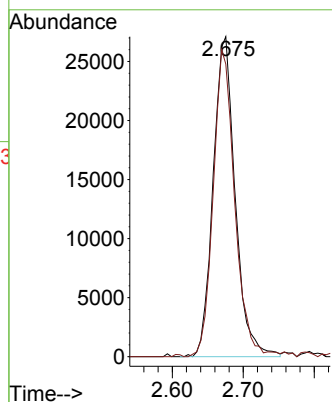


#5
Bromomethane
Concen: 23.030 ug/l
RT: 2.675 min Scan# 11
Delta R.T. 0.017 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

Instrument :
MSVOA_D
ClientSampleId :

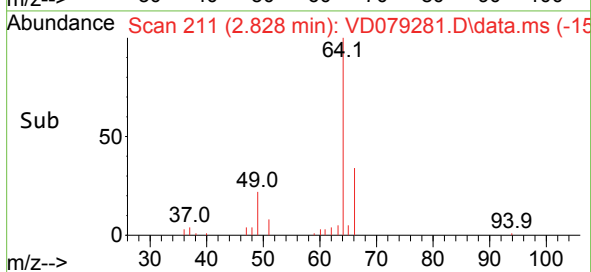
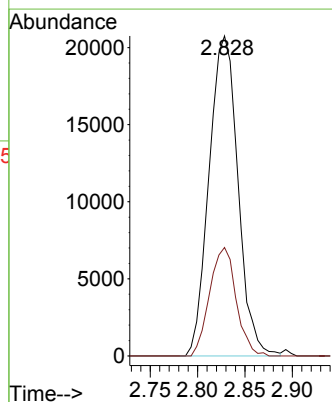
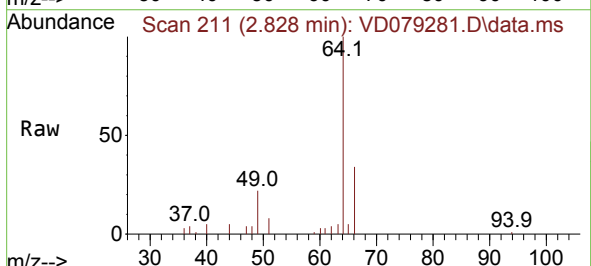


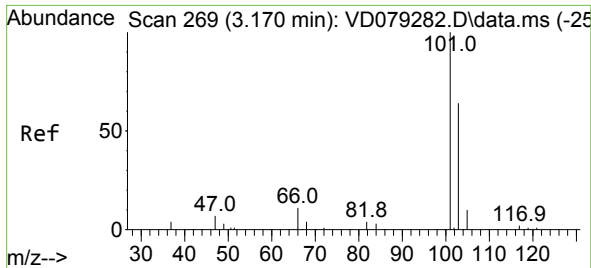
Tgt Ion: 94 Resp: 58233
Ion Ratio Lower Upper
94 100
96 93.9 76.9 115.3



#6
Chloroethane
Concen: 21.341 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.006 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

Tgt Ion: 64 Resp: 43987
Ion Ratio Lower Upper
64 100
66 33.9 24.5 36.7

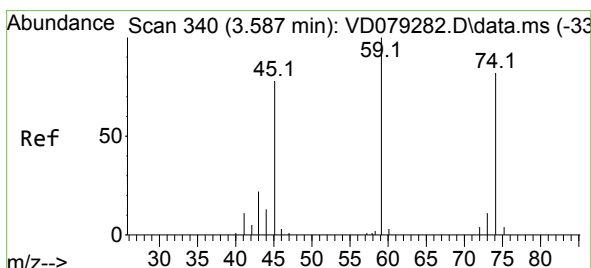
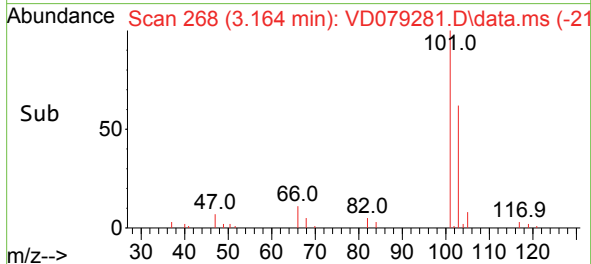
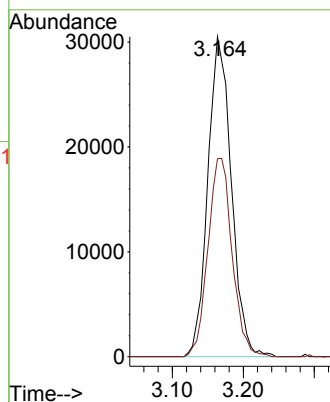
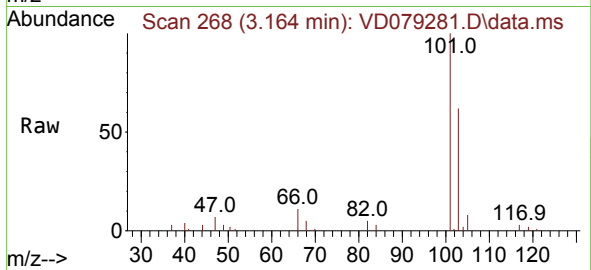




#7
 Trichlorofluoromethane
 Concen: 21.146 ug/l
 RT: 3.164 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD079281.D
 Acq: 28 Jun 2024 14:26

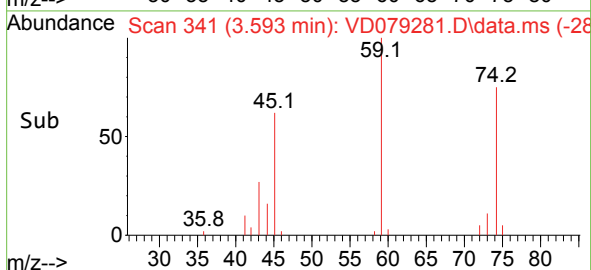
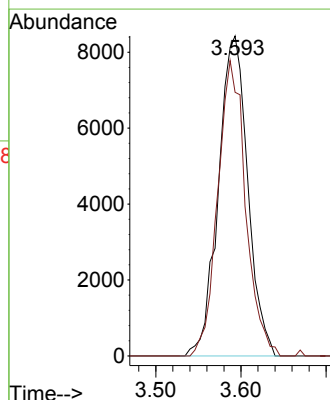
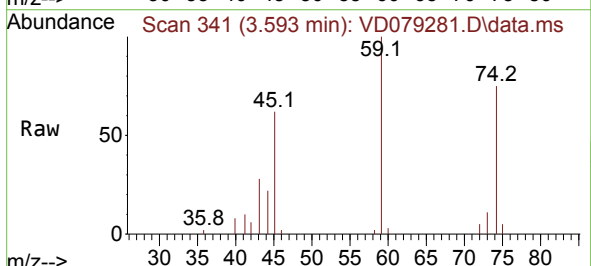
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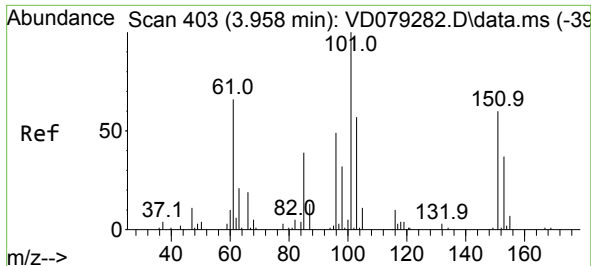
Tgt Ion:101 Resp: 70280
 Ion Ratio Lower Upper
 101 100
 103 61.8 53.2 79.8



#8
 Diethyl Ether
 Concen: 20.655 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VD079281.D
 Acq: 28 Jun 2024 14:26

Tgt Ion: 74 Resp: 20192
 Ion Ratio Lower Upper
 74 100
 45 87.6 37.9 113.6

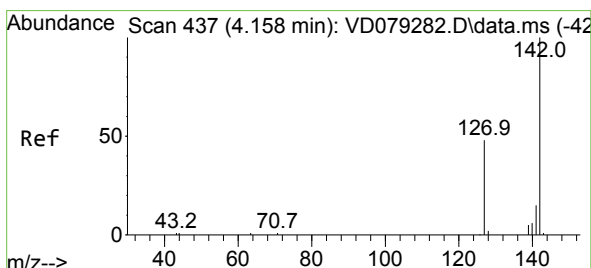
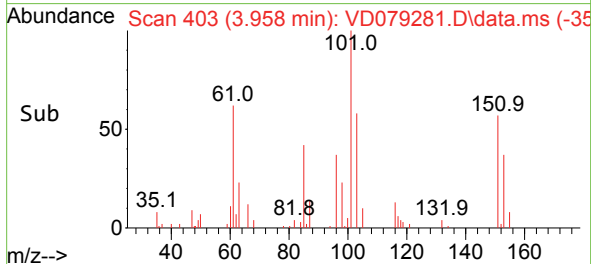
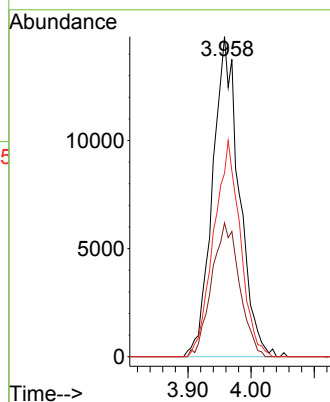
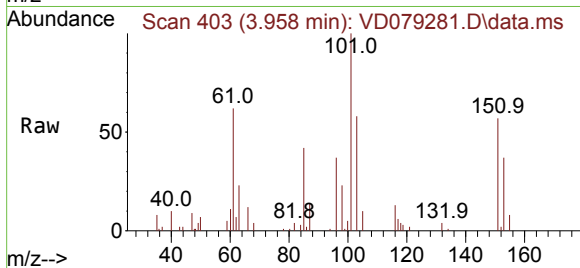




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.991 ug/l
 RT: 3.958 min Scan# 403
 Delta R.T. -0.000 min
 Lab File: VD079281.D
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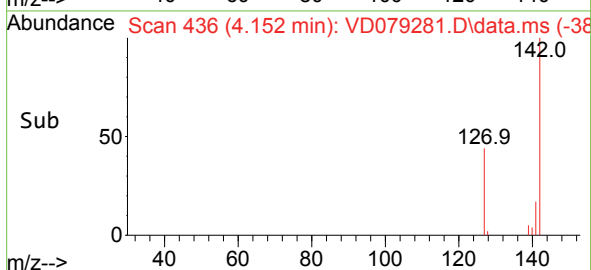
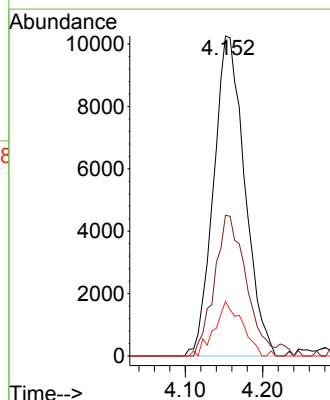
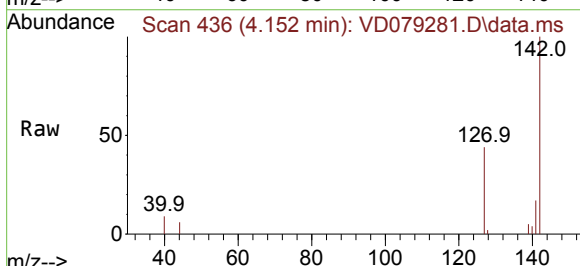
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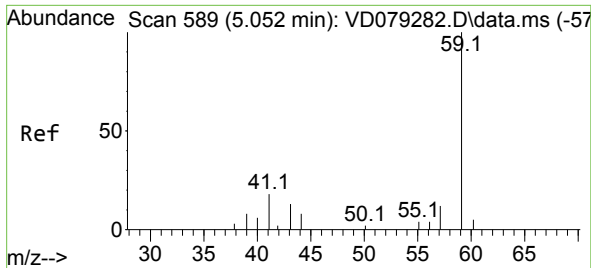
Tgt Ion:101	Resp:	43345
Ion	Ratio	Lower Upper
101	100	
85	43.8	33.5 50.3
151	67.5	60.3 90.5



#10
 Methyl Iodide
 Concen: 18.685 ug/l
 RT: 4.152 min Scan# 436
 Delta R.T. -0.006 min
 Lab File: VD079281.D
 Acq: 28 Jun 2024 14:26

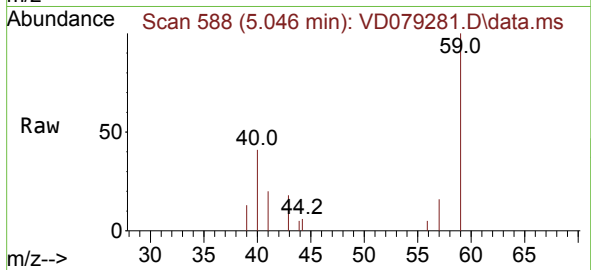
Tgt Ion:142	Resp:	28605
Ion	Ratio	Lower Upper
142	100	
127	44.7	34.2 51.4
141	15.1	11.7 17.5



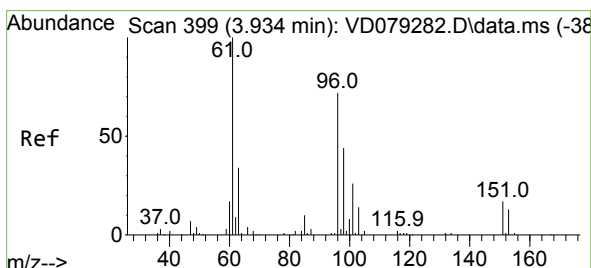
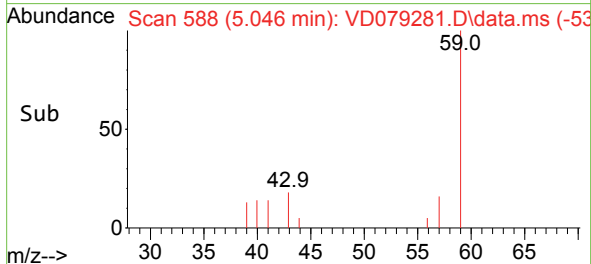
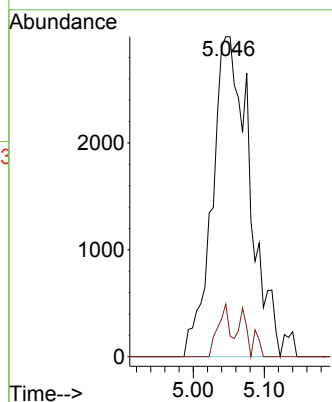


#11
Tert butyl alcohol
Concen: 107.154 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

Instrument :
MSVOA_D
ClientSampleId :

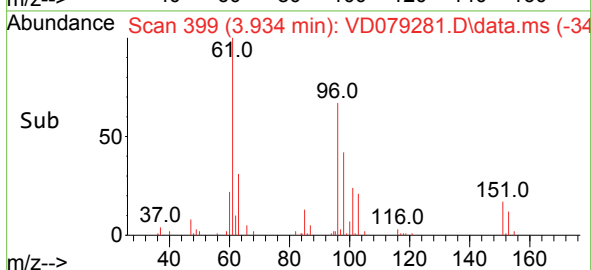
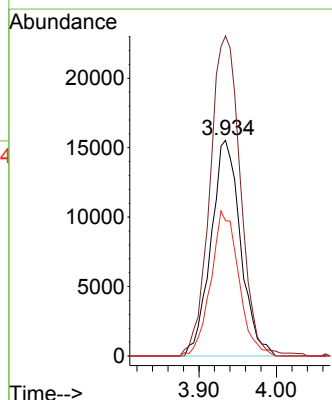
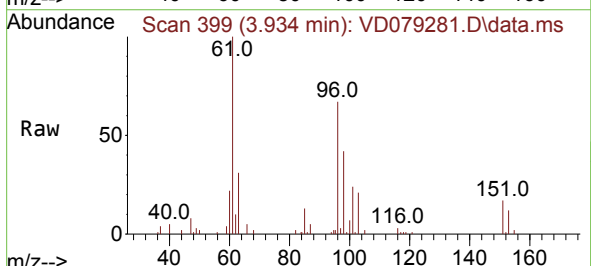


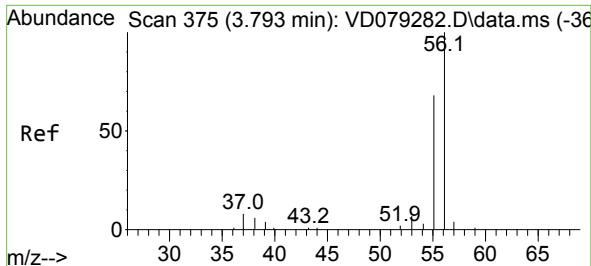
Tgt Ion: 59 Resp: 10901
Ion Ratio Lower Upper
59 100
57 5.4 3.6 5.4



#12
1,1-Dichloroethene
Concen: 20.580 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.000 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

Tgt Ion: 96 Resp: 41136
Ion Ratio Lower Upper
96 100
61 148.4 107.3 160.9
98 62.7 51.7 77.5





#13

Acrolein

Concen: 107.656 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD079281.D

Acq: 28 Jun 2024 14:26

Instrument :

MSVOA_D

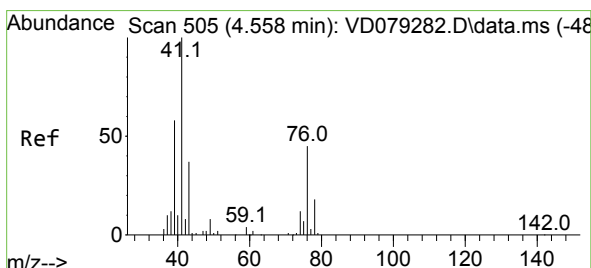
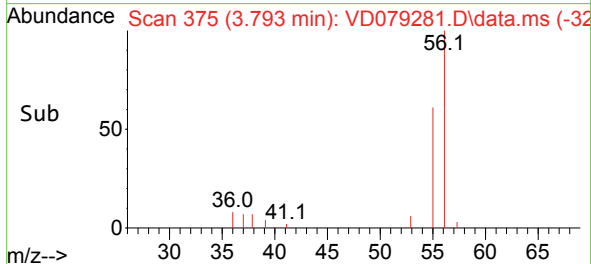
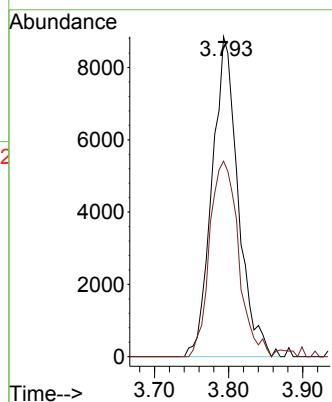
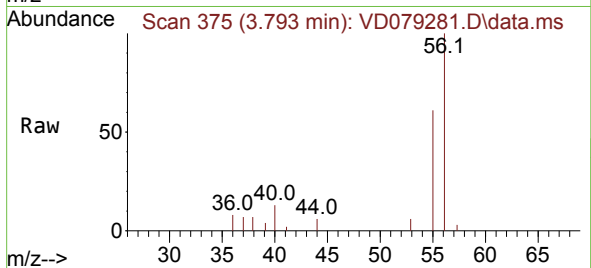
ClientSampleId :

Tgt Ion: 56 Resp: 21660

Ion Ratio Lower Upper

56 100

55 67.4 55.3 82.9



#14

Allyl chloride

Concen: 20.911 ug/l

RT: 4.552 min Scan# 504

Delta R.T. -0.000 min

Lab File: VD079281.D

Acq: 28 Jun 2024 14:26

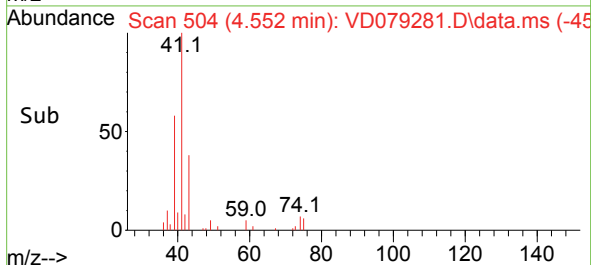
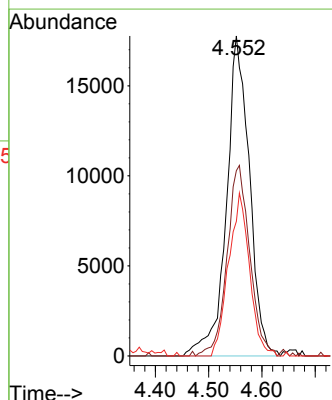
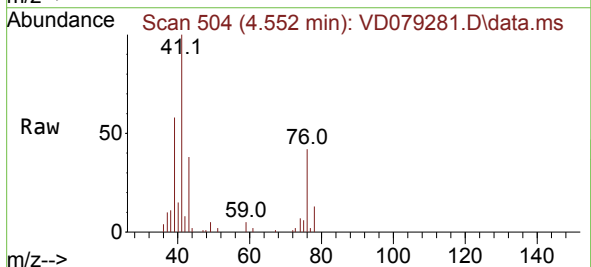
Tgt Ion: 41 Resp: 53343

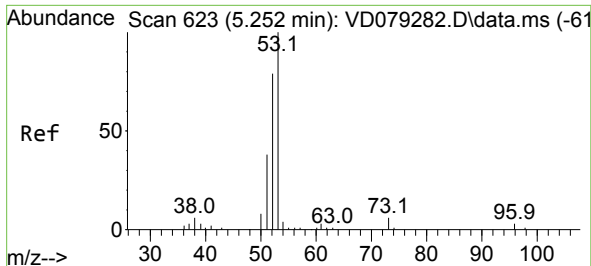
Ion Ratio Lower Upper

41 100

39 58.8 58.0 87.0

76 46.3 45.9 68.9

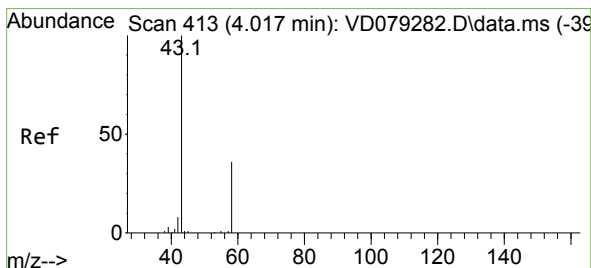
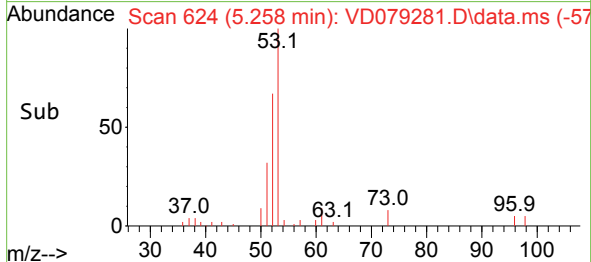
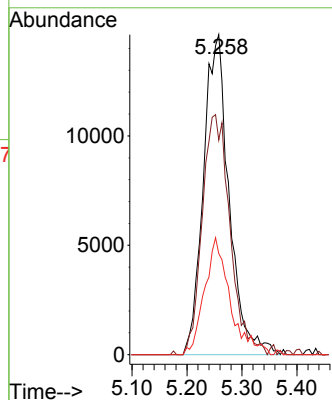
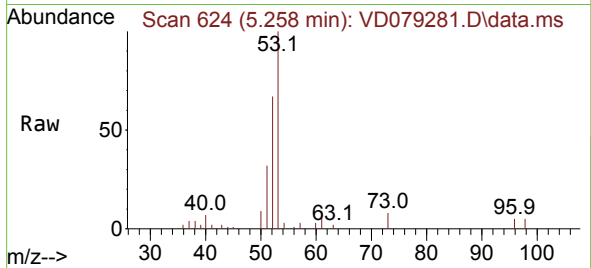




#15
Acrylonitrile
Concen: 106.853 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

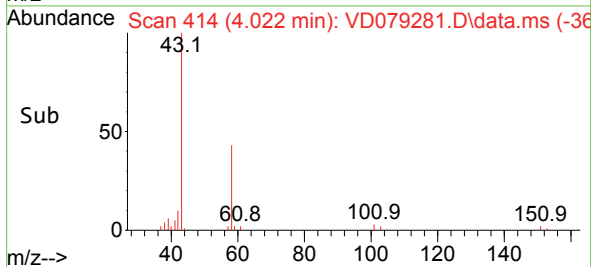
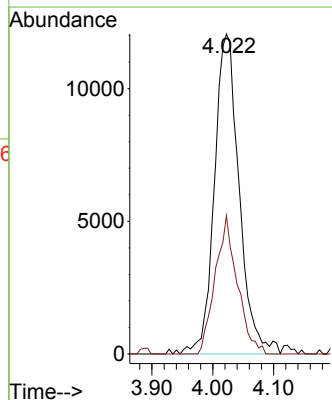
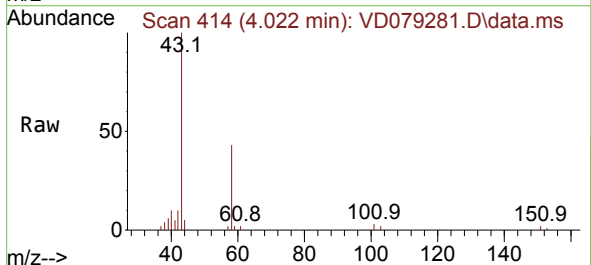
Instrument :
MSVOA_D
ClientSampleId :

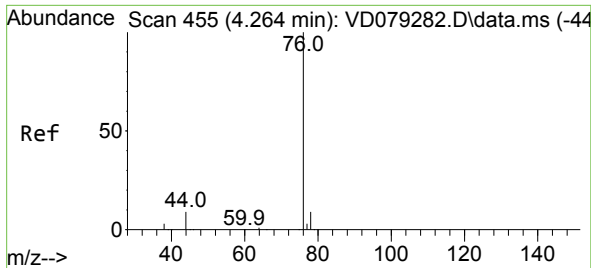
Tgt Ion: 53 Resp: 47611
Ion Ratio Lower Upper
53 100
52 80.8 67.7 101.5
51 36.3 28.6 42.8



#16
Acetone
Concen: 94.414 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

Tgt Ion: 43 Resp: 34069
Ion Ratio Lower Upper
43 100
58 43.2 30.4 45.6

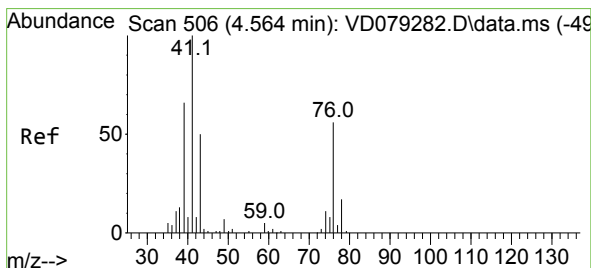
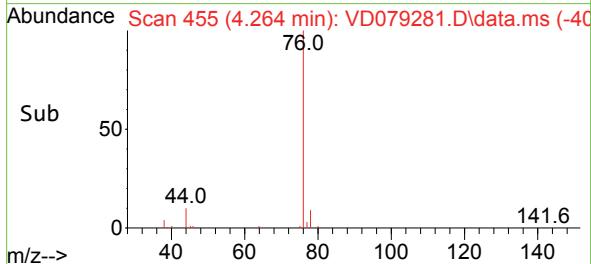
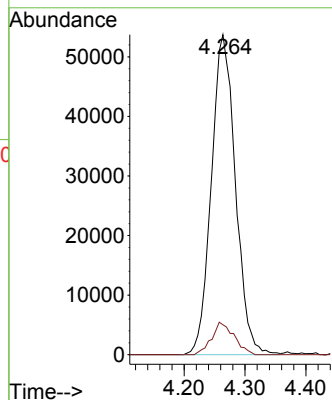
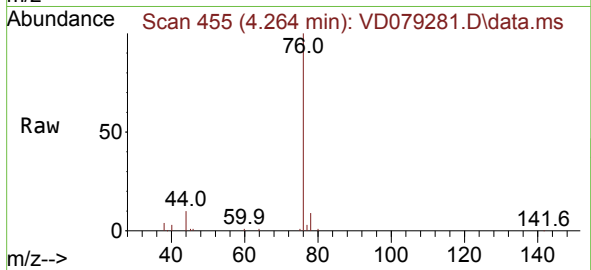




#17
Carbon Disulfide
Concen: 21.027 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

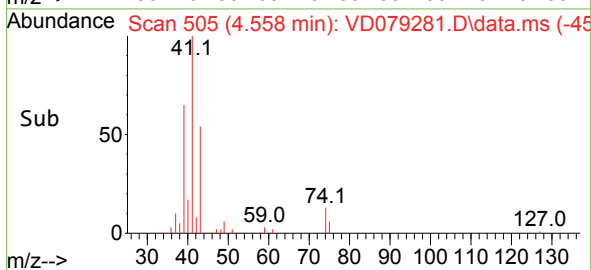
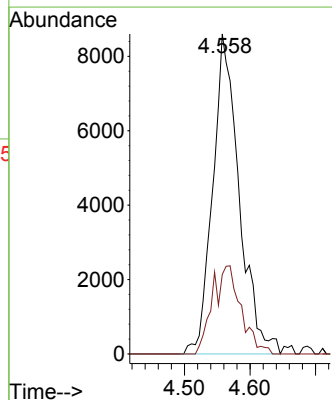
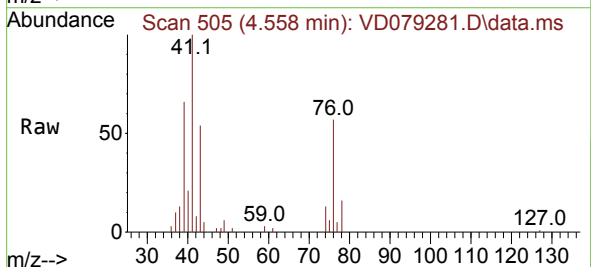
Instrument :
MSVOA_D
ClientSampleId :

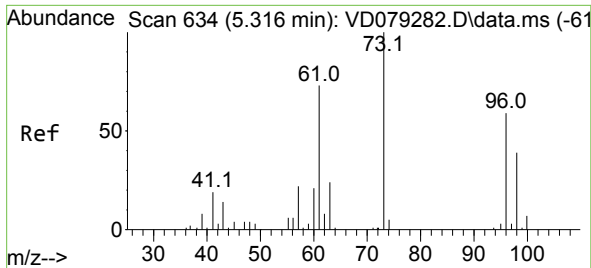
Tgt Ion: 76 Resp: 147651
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3



#18
Methyl Acetate
Concen: 22.971 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

Tgt Ion: 43 Resp: 24081
Ion Ratio Lower Upper
43 100
74 29.7 28.1 42.1





#19

Methyl tert-butyl Ether

Concen: 21.067 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.012 min

Lab File: VD079281.D

Acq: 28 Jun 2024 14:26

Instrument :

MSVOA_D

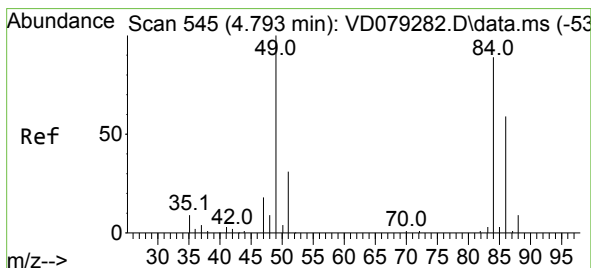
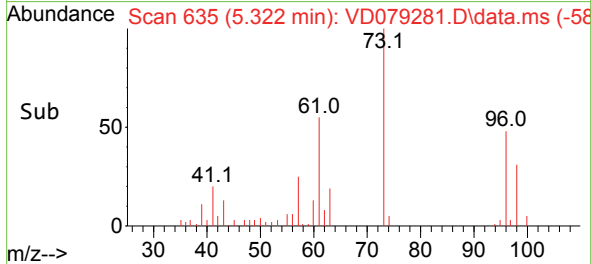
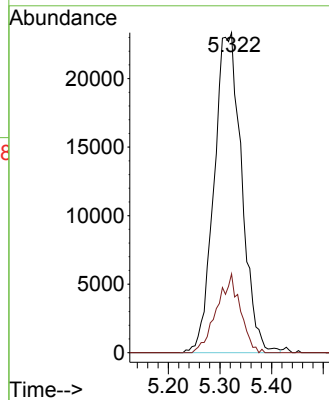
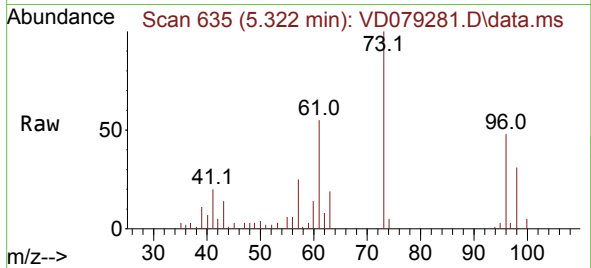
ClientSampleId :

Tgt Ion: 73 Resp: 86276

Ion Ratio Lower Upper

73 100

57 24.6 18.3 27.5



#20

Methylene Chloride

Concen: 22.843 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.000 min

Lab File: VD079281.D

Acq: 28 Jun 2024 14:26

Tgt Ion: 84 Resp: 64218

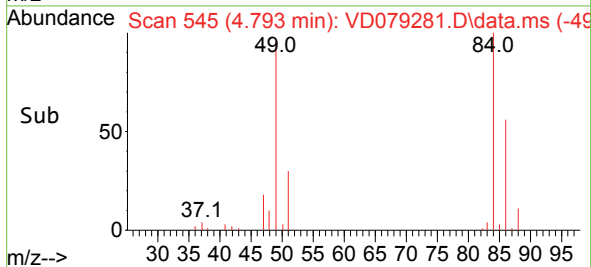
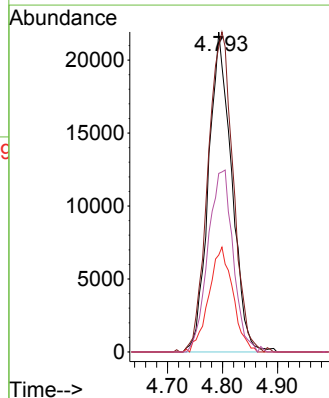
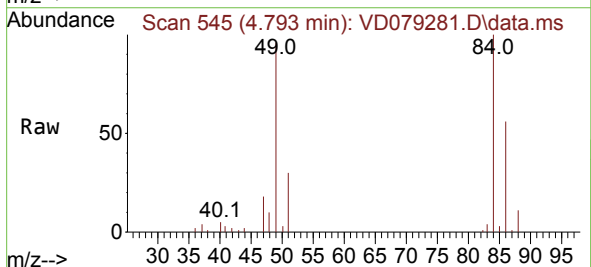
Ion Ratio Lower Upper

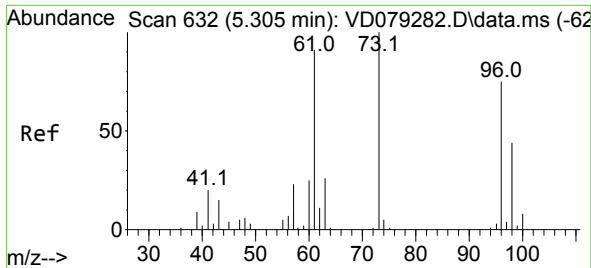
84 100

49 95.5 75.6 113.4

51 30.3 24.2 36.2

86 55.8 49.2 73.8

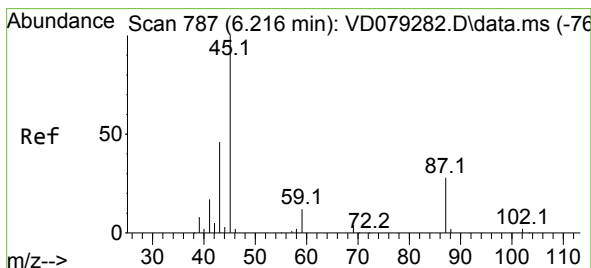
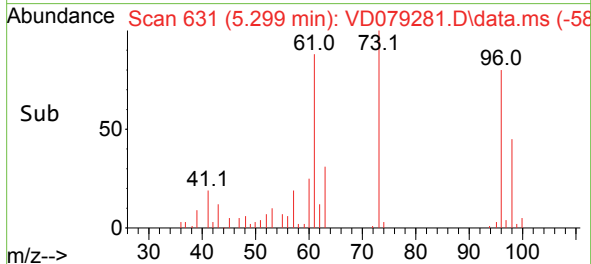
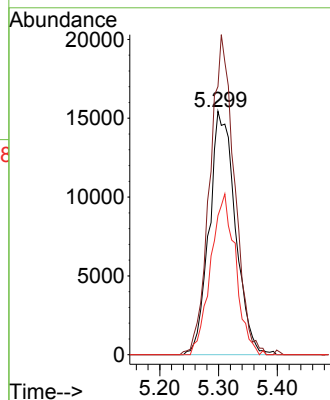
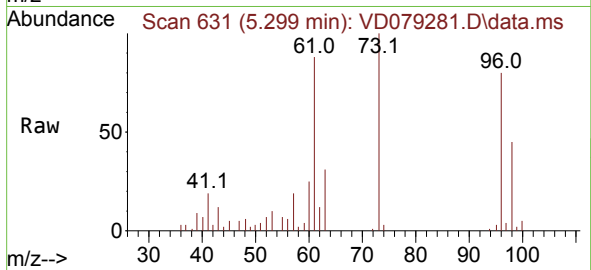




#21
trans-1,2-Dichloroethene
Concen: 21.197 ug/l
RT: 5.299 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

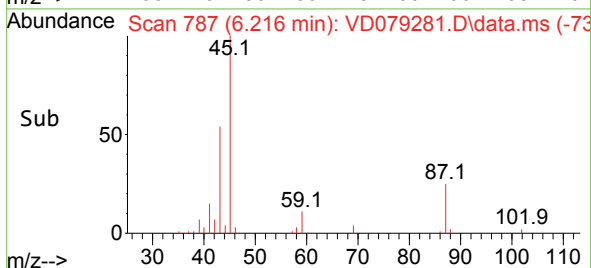
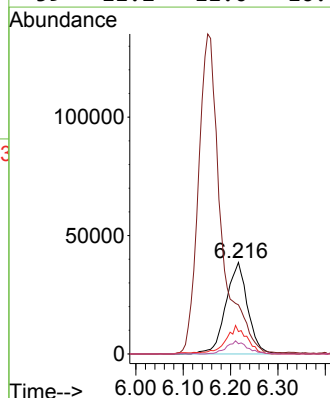
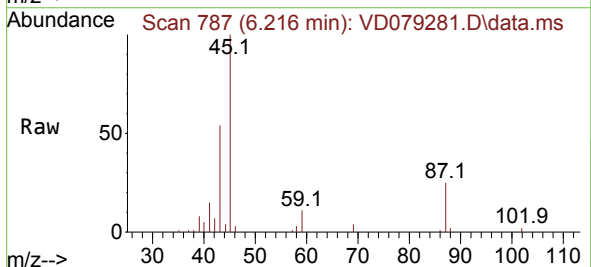
Instrument :
MSVOA_D
ClientSampleId :

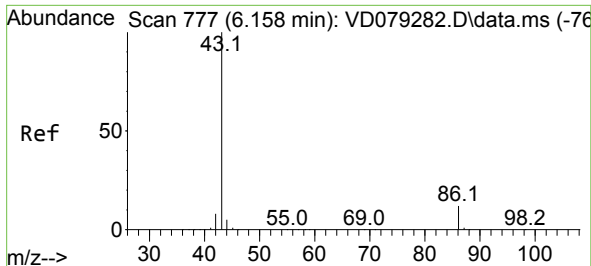
Tgt Ion: 96 Resp: 47611
Ion Ratio Lower Upper
96 100
61 110.2 84.5 126.7
98 57.2 50.5 75.7



#22
Diisopropyl ether
Concen: 22.206 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

Tgt Ion: 45 Resp: 123252
Ion Ratio Lower Upper
45 100
43 52.3 41.7 62.5
87 24.6 30.2 45.2#
59 11.2 11.0 16.6

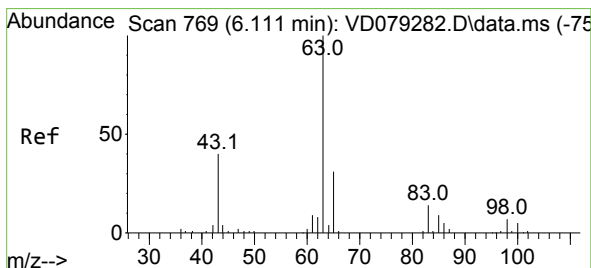
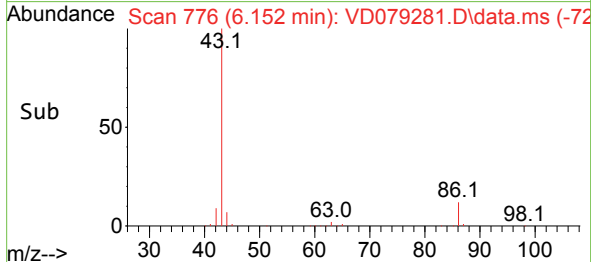
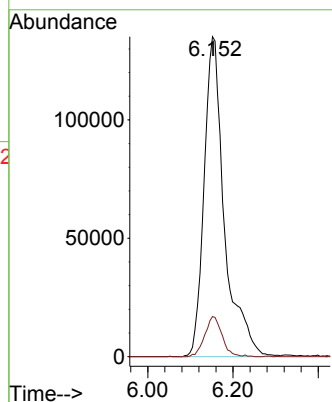
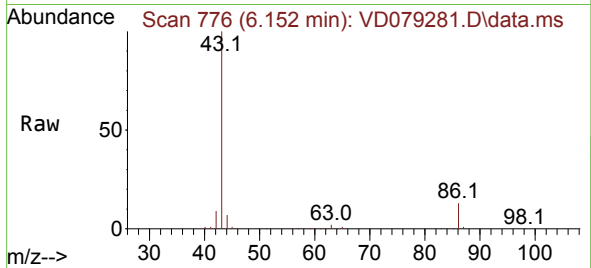




#23
 Vinyl Acetate
 Concen: 106.494 ug/l
 RT: 6.152 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD079281.D
 Acq: 28 Jun 2024 14:26

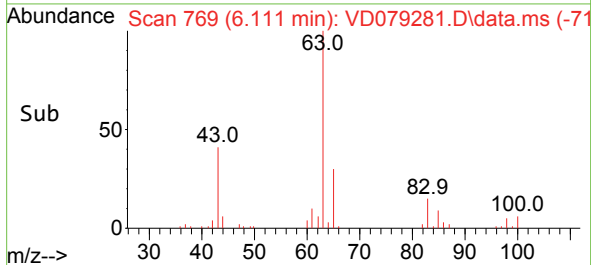
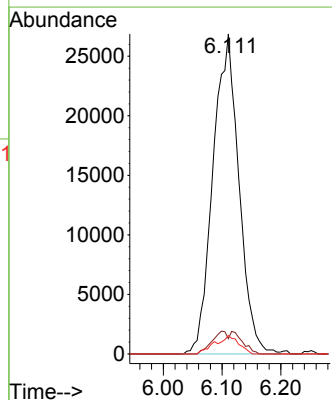
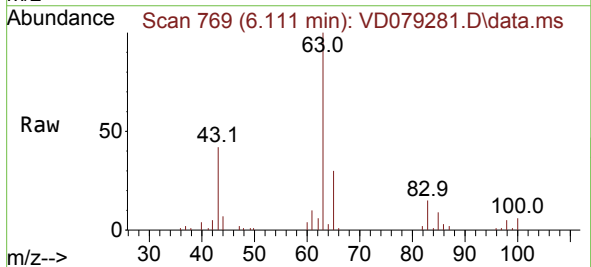
Instrument :
 MSVOA_D
 ClientSampleId :

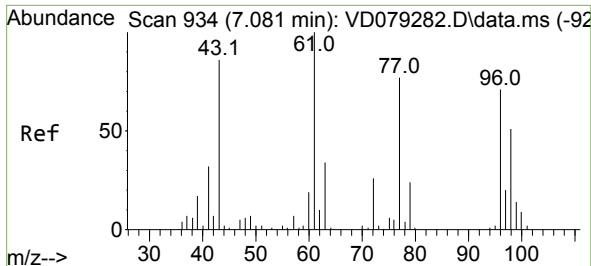
Tgt Ion: 43 Resp: 447417
 Ion Ratio Lower Upper
 43 100
 86 12.5 12.3 18.5



#24
 1,1-Dichloroethane
 Concen: 21.184 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD079281.D
 Acq: 28 Jun 2024 14:26

Tgt Ion: 63 Resp: 82433
 Ion Ratio Lower Upper
 63 100
 98 4.7 4.7 14.0
 100 5.7 2.9 8.6

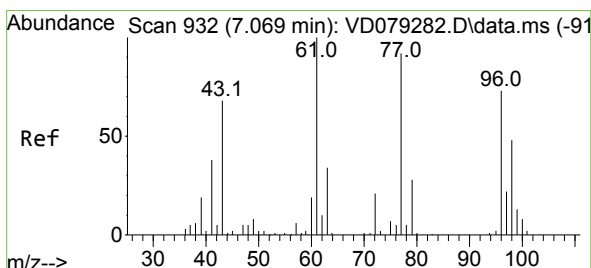
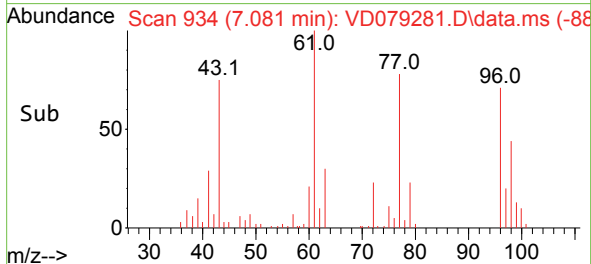
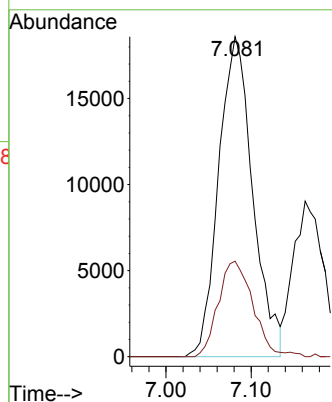
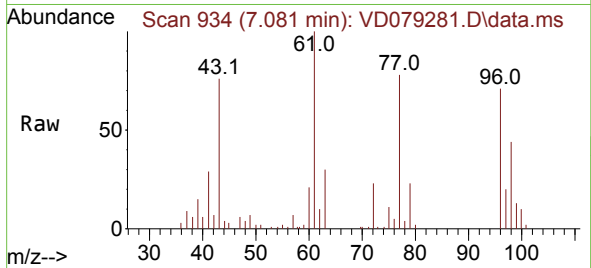




#25
2-Butanone
Concen: 102.742 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

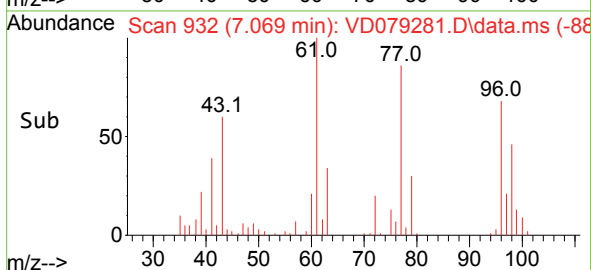
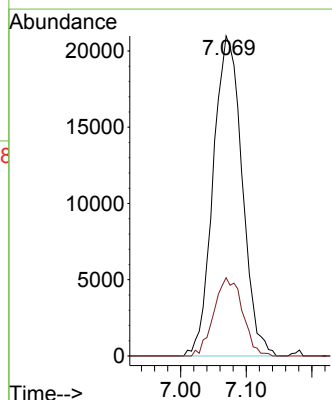
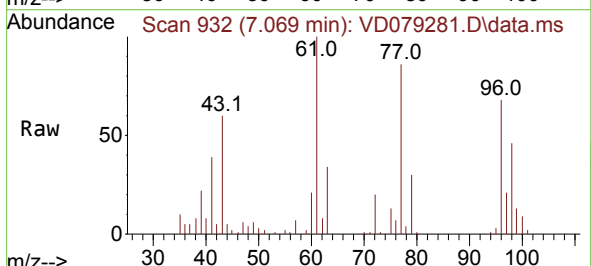
Instrument :
MSVOA_D
ClientSampleId :

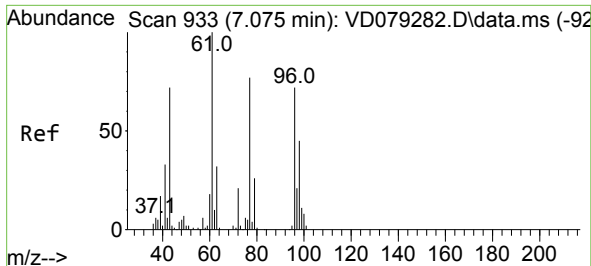
Tgt Ion: 43 Resp: 51650
Ion Ratio Lower Upper
43 100
72 29.8 26.4 39.6



#26
2,2-Dichloropropane
Concen: 20.942 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.000 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

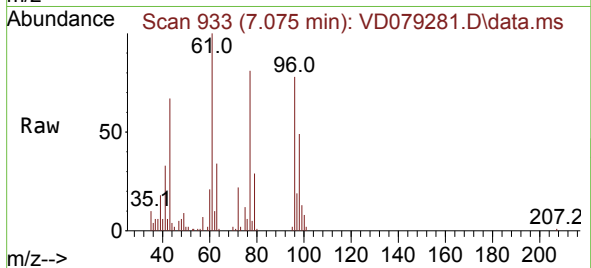
Tgt Ion: 77 Resp: 64334
Ion Ratio Lower Upper
77 100
97 24.2 12.4 37.2



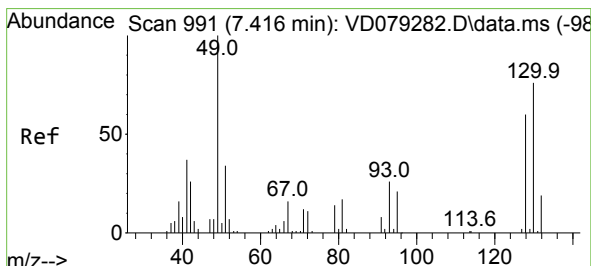
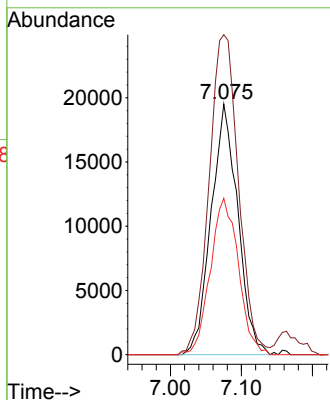
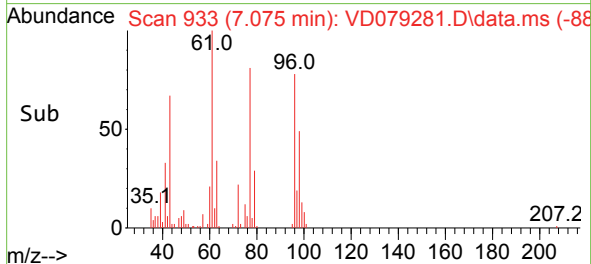


#27
 cis-1,2-Dichloroethene
 Concen: 20.738 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD079281.D
 Acq: 28 Jun 2024 14:26

Instrument :
 MSVOA_D
 ClientSampleId :

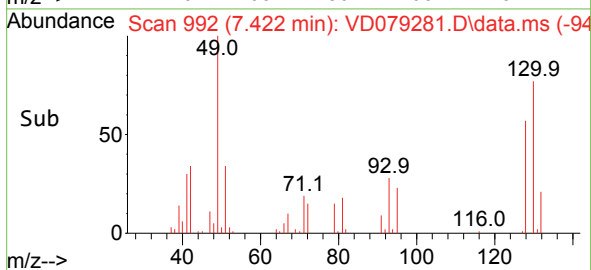
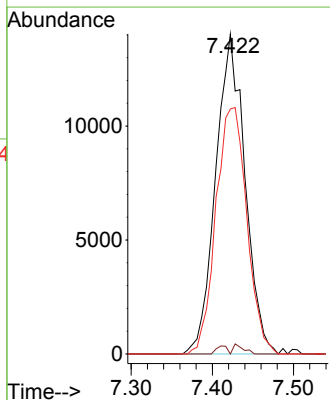
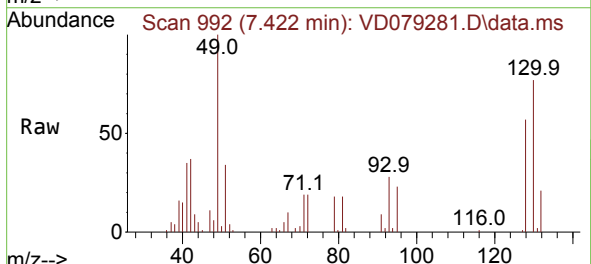


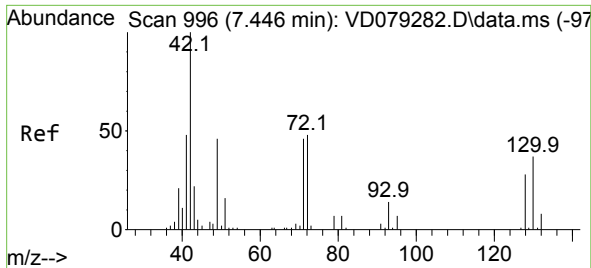
Tgt Ion: 96 Resp: 51030
 Ion Ratio Lower Upper
 96 100
 61 140.0 0.0 229.0
 98 65.6 0.0 127.2



#28
 Bromochloromethane
 Concen: 21.680 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.000 min
 Lab File: VD079281.D
 Acq: 28 Jun 2024 14:26

Tgt Ion: 49 Resp: 35175
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 7.0
 130 81.4 87.7 131.5#





#29

Tetrahydrofuran

Concen: 105.000 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.006 min

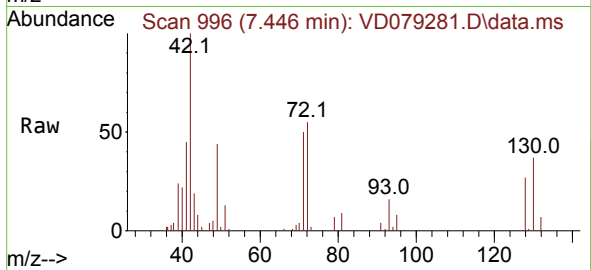
Lab File: VD079281.D

Acq: 28 Jun 2024 14:26

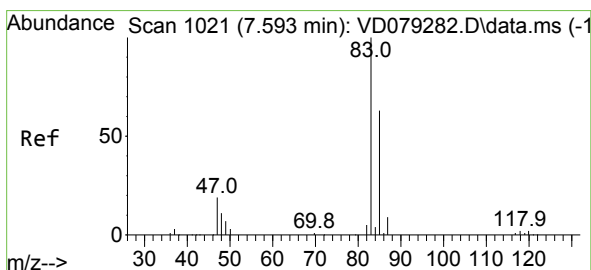
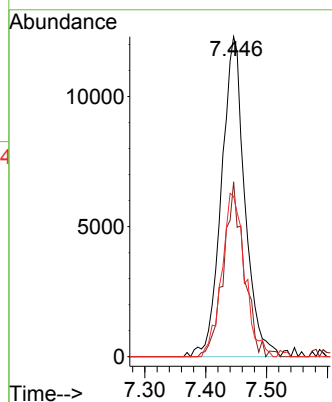
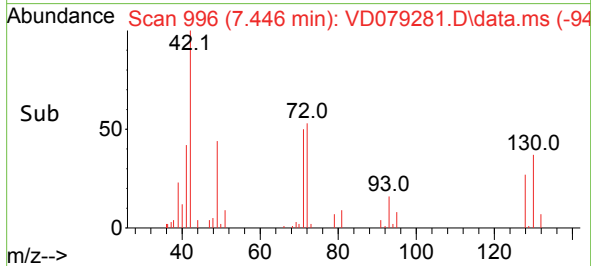
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	32791
Ion Ratio	Lower	Upper	
42	100		
72	48.2	49.4	74.0#
71	50.3	45.0	67.6



#30

Chloroform

Concen: 21.347 ug/l

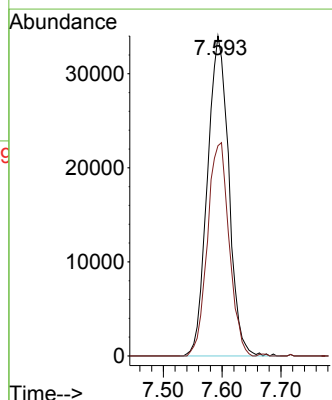
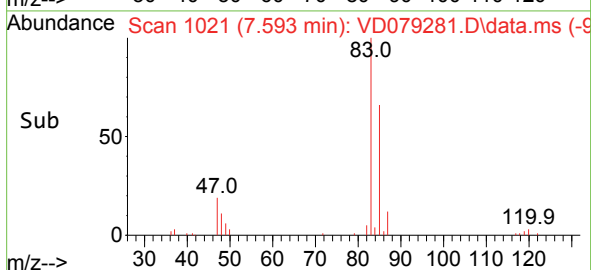
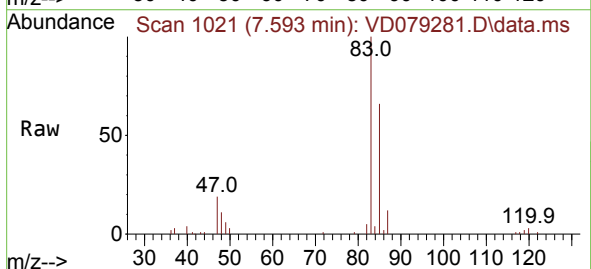
RT: 7.593 min Scan# 1021

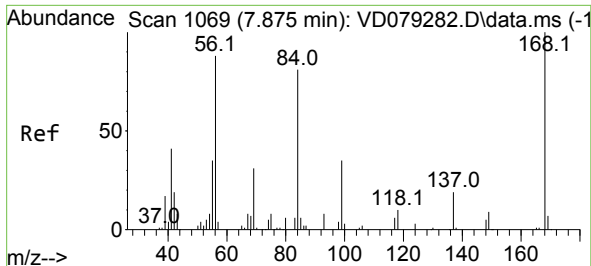
Delta R.T. -0.000 min

Lab File: VD079281.D

Acq: 28 Jun 2024 14:26

Tgt Ion:	83	Resp:	85692
Ion Ratio	Lower	Upper	
83	100		
85	65.7	51.8	77.6





#31

Cyclohexane

Concen: 19.641 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

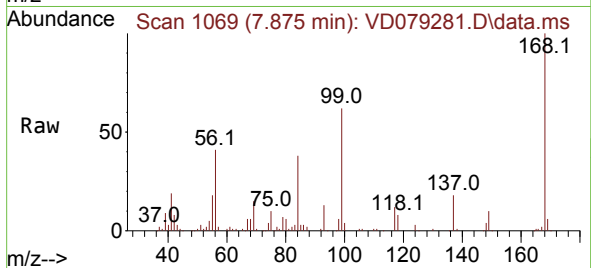
Lab File: VD079281.D

Acq: 28 Jun 2024 14:26

Instrument :

MSVOA_D

ClientSampleId :



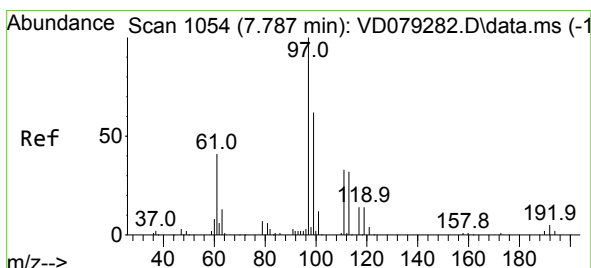
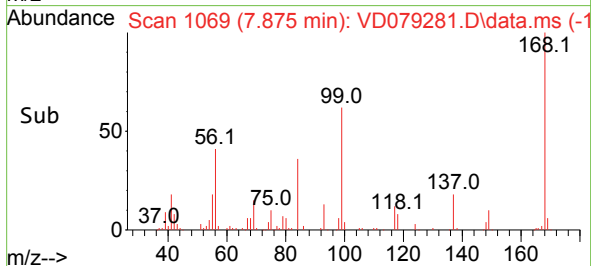
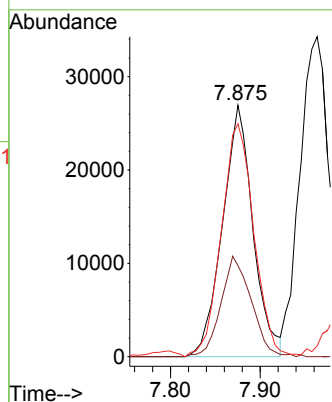
Tgt Ion: 56 Resp: 63478

Ion Ratio Lower Upper

56 100

69 36.2 28.0 42.0

84 91.6 87.4 131.0



#32

1,1,1-Trichloroethane

Concen: 20.900 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VD079281.D

Acq: 28 Jun 2024 14:26

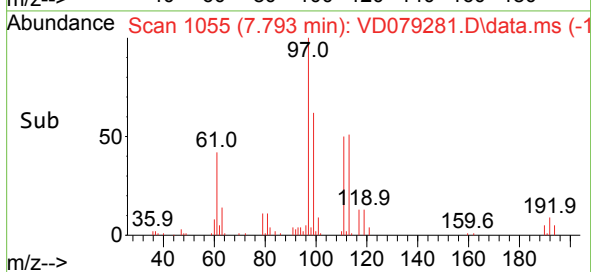
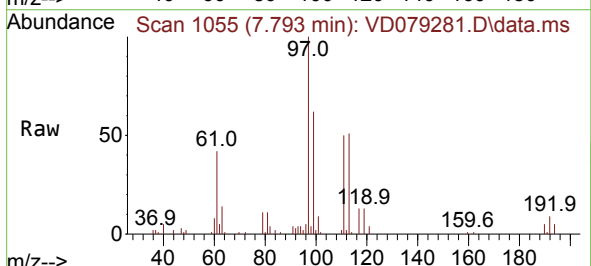
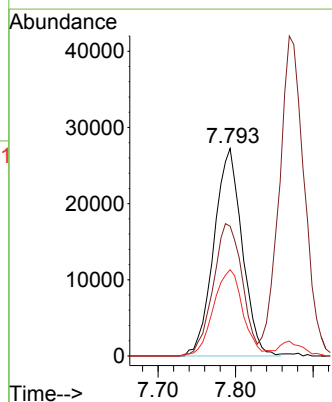
Tgt Ion: 97 Resp: 68860

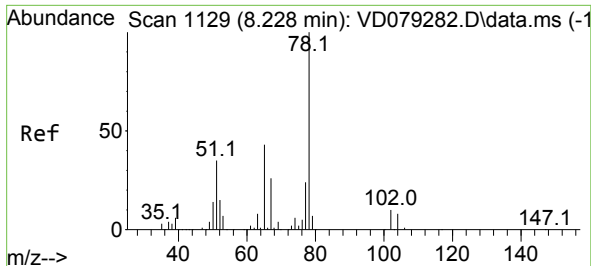
Ion Ratio Lower Upper

97 100

99 65.7 51.3 76.9

61 43.8 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 25.613 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079281.D

Acq: 28 Jun 2024 14:26

Instrument :

MSVOA_D

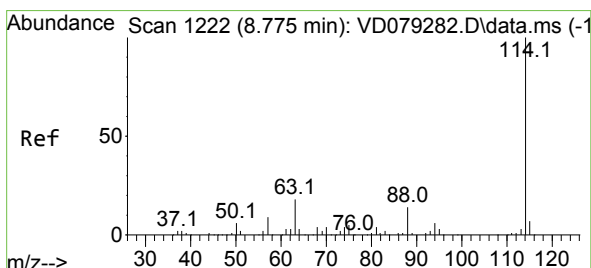
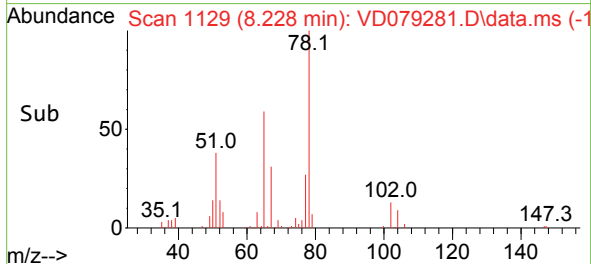
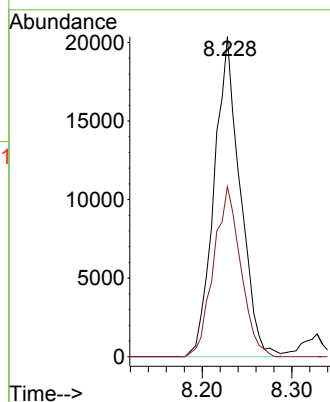
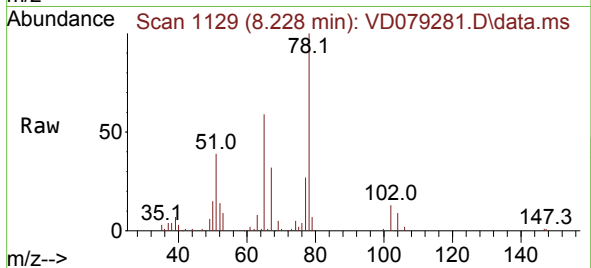
ClientSampleId :

Tgt Ion: 65 Resp: 41052

Ion Ratio Lower Upper

65 100

67 55.2 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079281.D

Acq: 28 Jun 2024 14:26

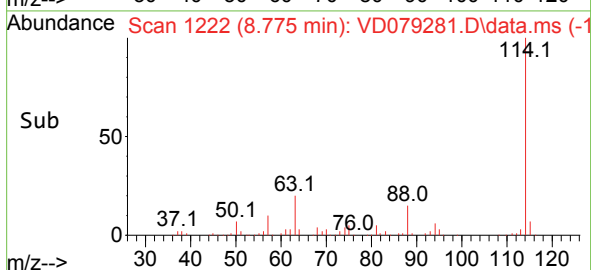
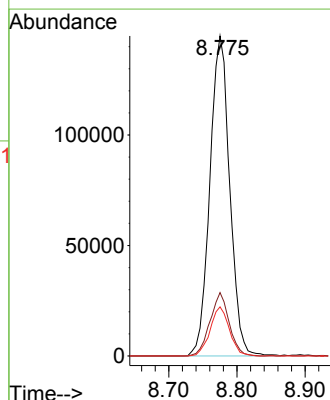
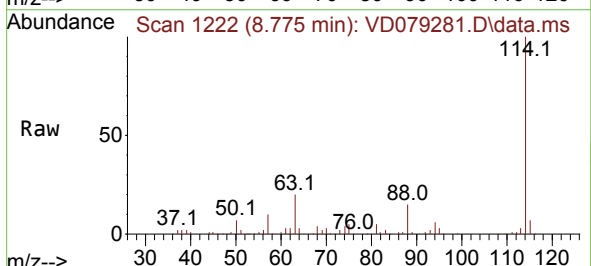
Tgt Ion: 114 Resp: 293403

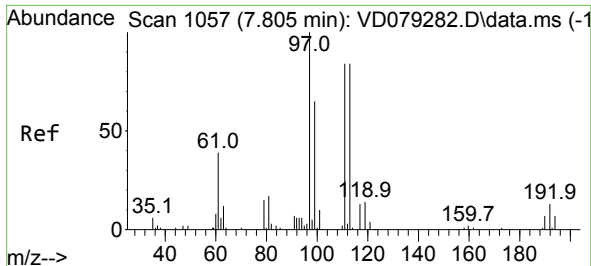
Ion Ratio Lower Upper

114 100

63 19.8 0.0 34.0

88 15.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 22.164 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079281.D

Acq: 28 Jun 2024 14:26

Instrument :

MSVOA_D

ClientSampleId :

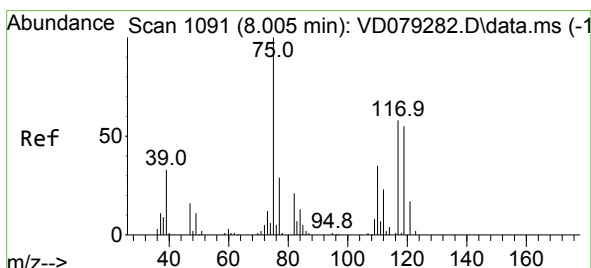
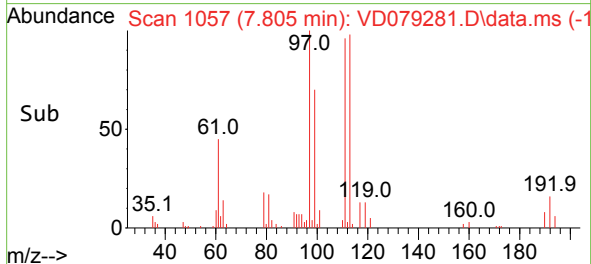
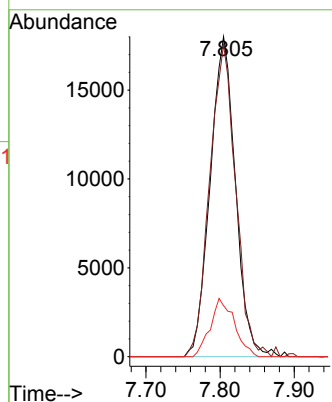
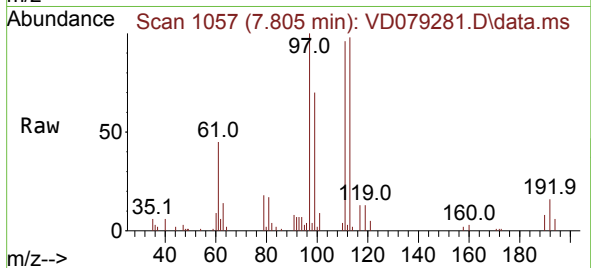
Tgt Ion:113 Resp: 42686

Ion Ratio Lower Upper

113 100

111 99.8 84.0 126.0

192 17.4 15.4 23.0



#36

1,1-Dichloropropene

Concen: 19.922 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD079281.D

Acq: 28 Jun 2024 14:26

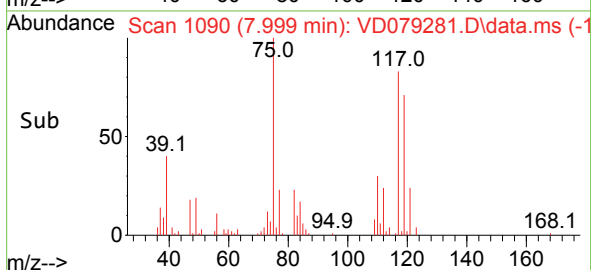
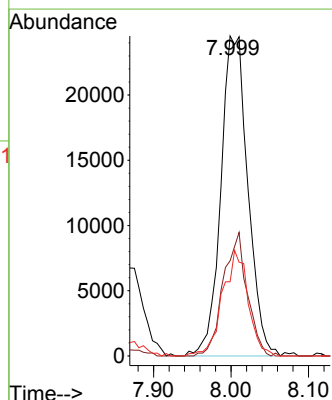
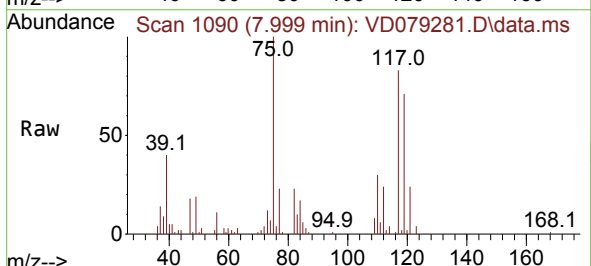
Tgt Ion: 75 Resp: 59609

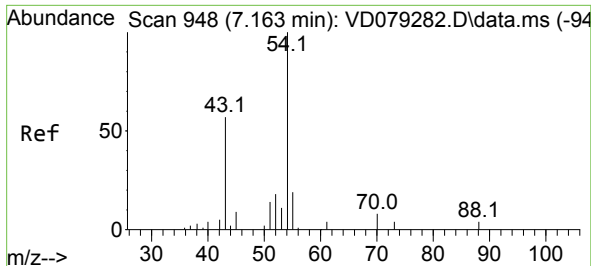
Ion Ratio Lower Upper

75 100

110 34.1 19.6 58.7

77 31.2 26.1 39.1

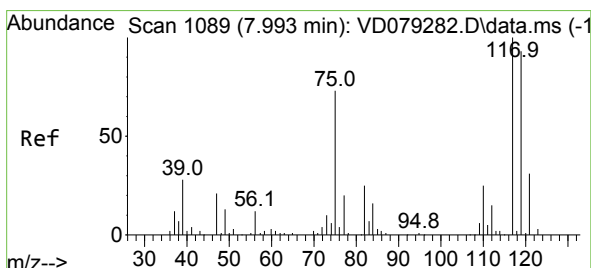
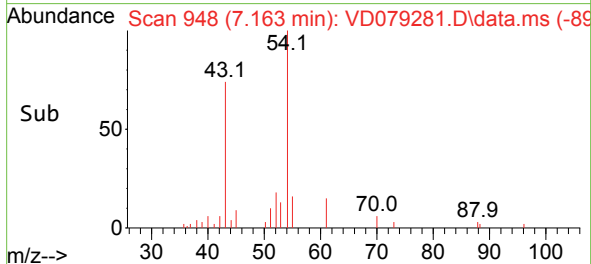
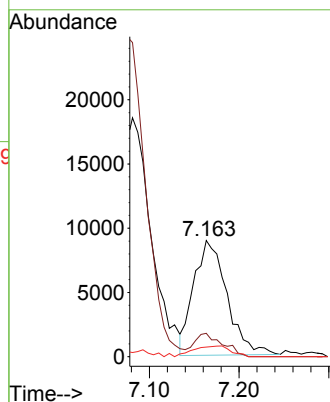
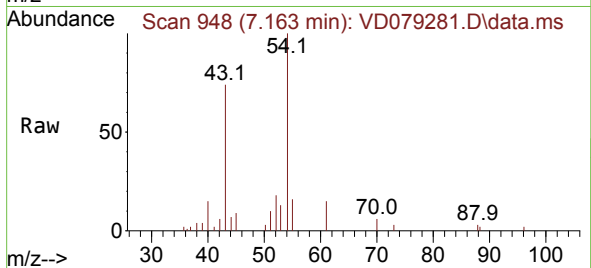




#37
Ethyl Acetate
Concen: 20.215 ug/l
RT: 7.163 min Scan# 948
Delta R.T. -0.000 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

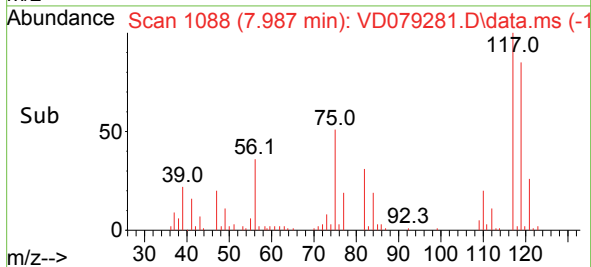
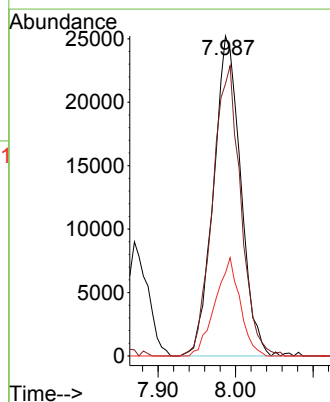
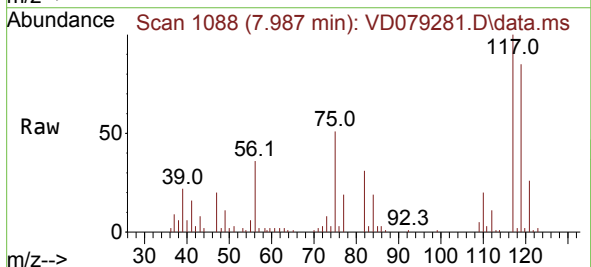
Instrument :
MSVOA_D
ClientSampleId :

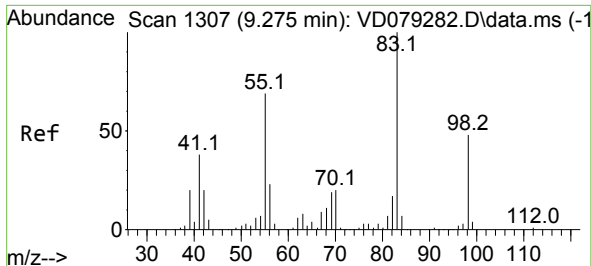
Tgt Ion: 43 Resp: 23024
Ion Ratio Lower Upper
43 100
61 17.2 13.9 20.9
70 10.5 9.8 14.6



#38
Carbon Tetrachloride
Concen: 20.246 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

Tgt Ion: 117 Resp: 61518
Ion Ratio Lower Upper
117 100
119 85.0 75.4 113.0
121 26.0 25.0 37.4





#39

Methylcyclohexane

Concen: 19.089 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.000 min

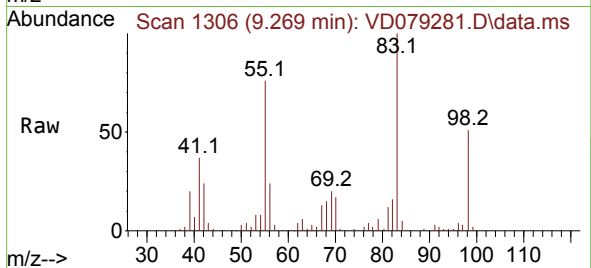
Lab File: VD079281.D

Acq: 28 Jun 2024 14:26

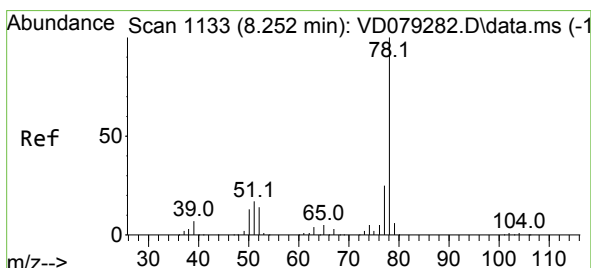
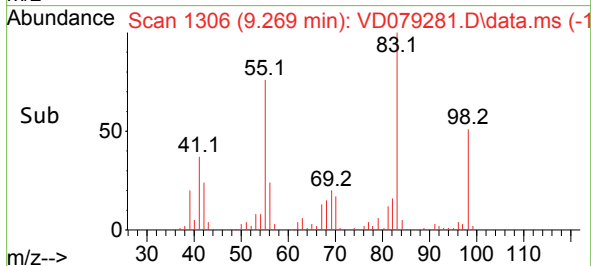
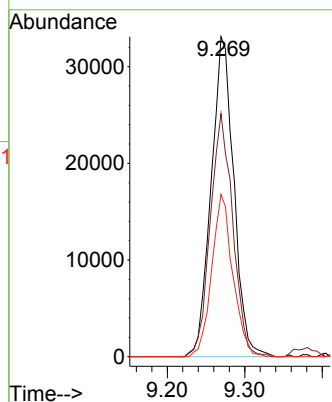
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	83	Resp:	67199
Ion	Ratio	Lower	Upper
83	100		
55	75.9	50.1	75.1#
98	50.7	41.9	62.9



#40

Benzene

Concen: 19.964 ug/l

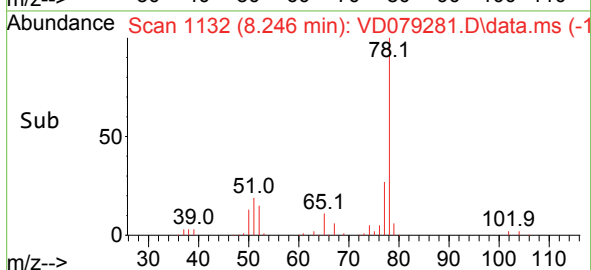
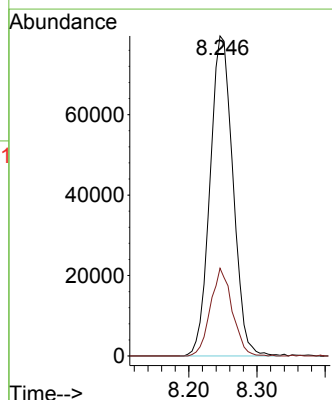
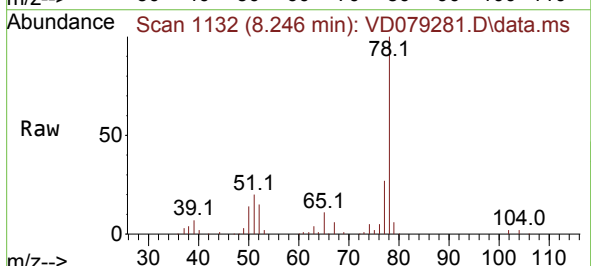
RT: 8.246 min Scan# 1132

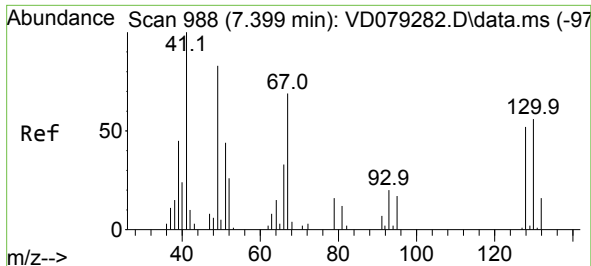
Delta R.T. -0.000 min

Lab File: VD079281.D

Acq: 28 Jun 2024 14:26

Tgt Ion:	78	Resp:	186369
Ion	Ratio	Lower	Upper
78	100		
77	27.4	18.1	27.1#

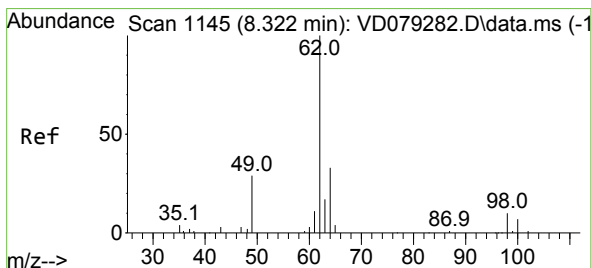
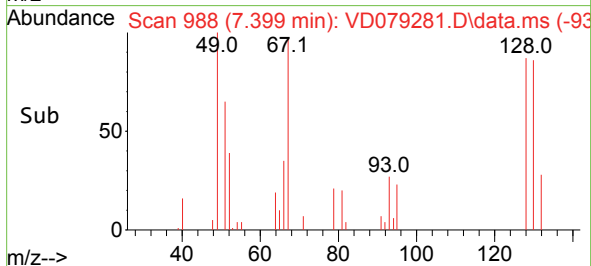
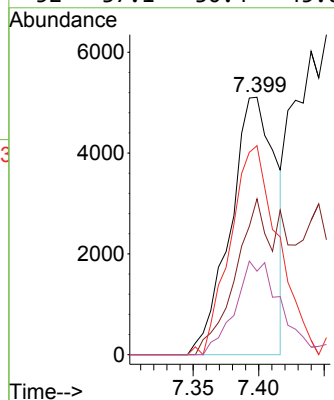
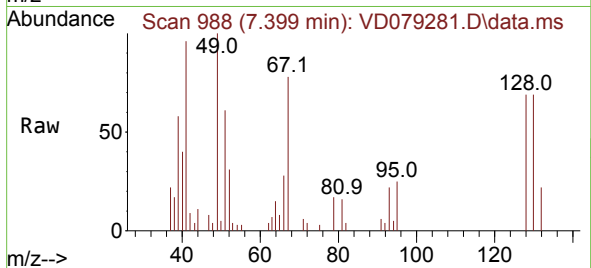




#41
Methacrylonitrile
Concen: 19.584 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

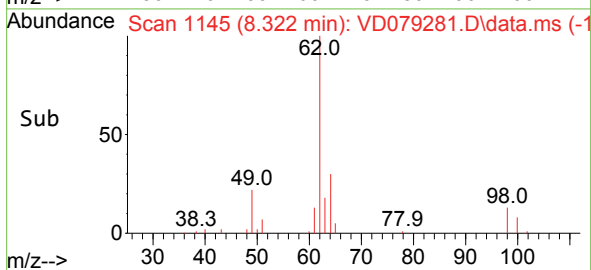
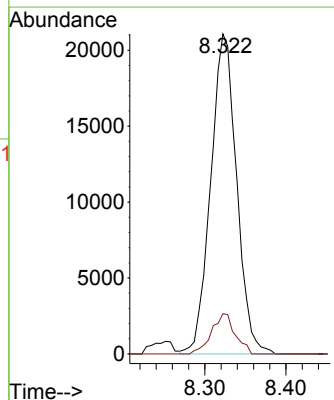
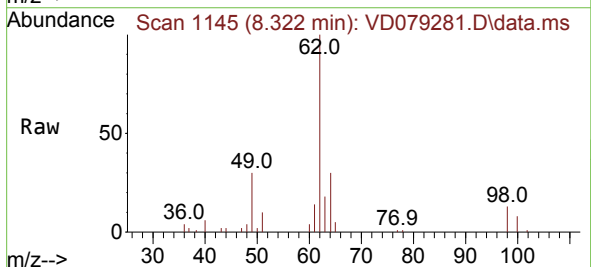
Instrument :
MSVOA_D
ClientSampleId :

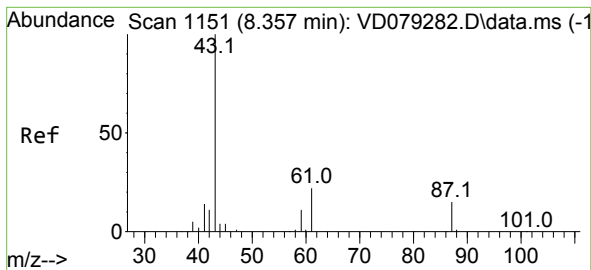
Tgt Ion: 41	Resp: 12261
Ion Ratio	Lower Upper
41 100	
39 46.1	41.4 62.0
67 85.8	85.8 128.6
52 37.1	30.4 45.6



#42
1,2-Dichloroethane
Concen: 20.844 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

Tgt Ion: 62	Resp: 46798
Ion Ratio	Lower Upper
62 100	
98 11.4	0.0 25.8





#43

Isopropyl Acetate

Concen: 20.818 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.000 min

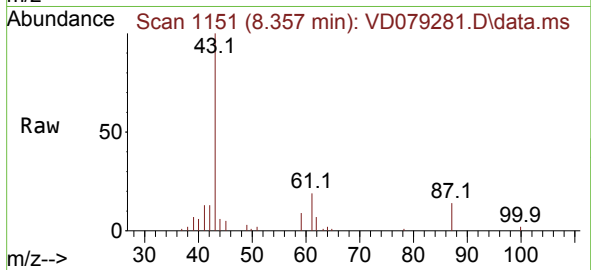
Lab File: VD079281.D

Acq: 28 Jun 2024 14:26

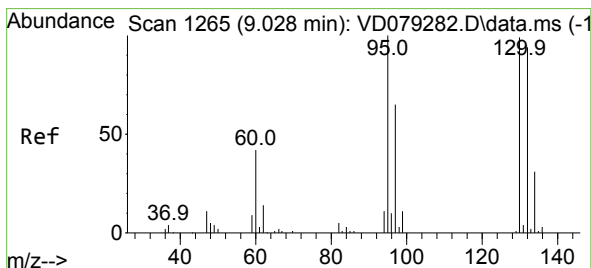
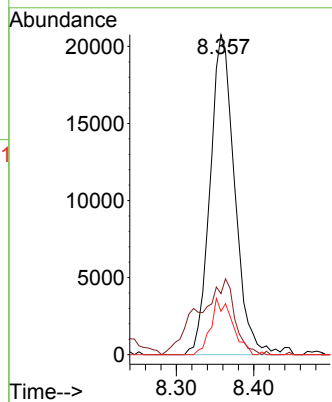
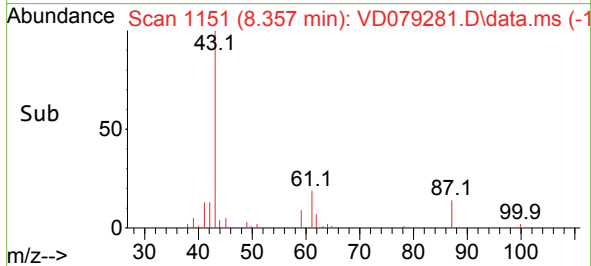
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	43	Resp:	45761
Ion	Ratio	Lower	Upper
43	100		
61	22.8	29.3	43.9#
87	15.4	14.9	22.3



#44

Trichloroethene

Concen: 19.766 ug/l

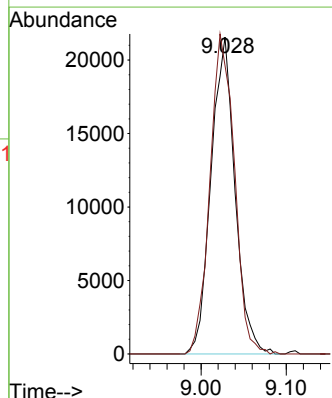
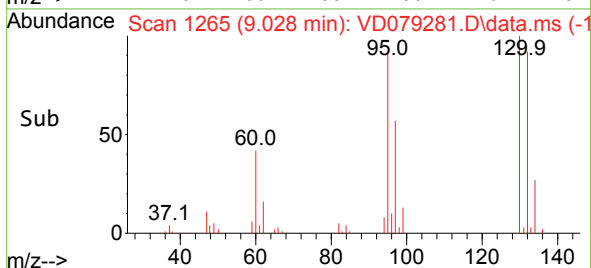
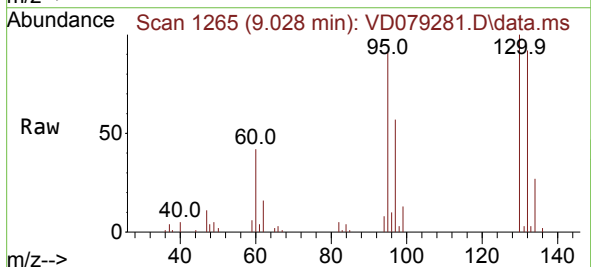
RT: 9.028 min Scan# 1265

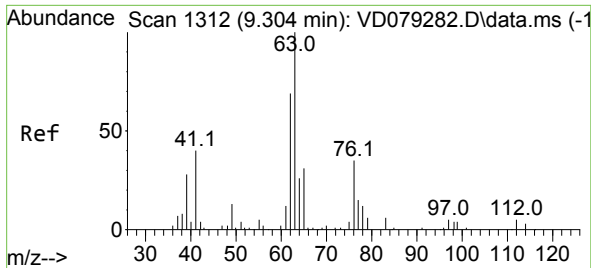
Delta R.T. -0.000 min

Lab File: VD079281.D

Acq: 28 Jun 2024 14:26

Tgt Ion:	130	Resp:	42148
Ion	Ratio	Lower	Upper
130	100		
95	91.1	0.0	177.8

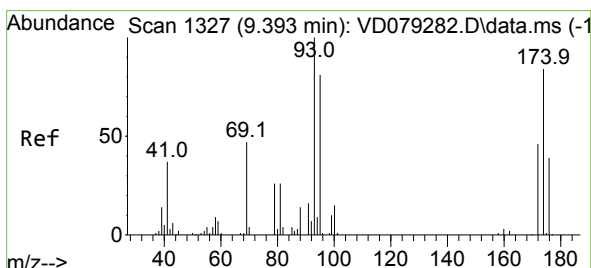
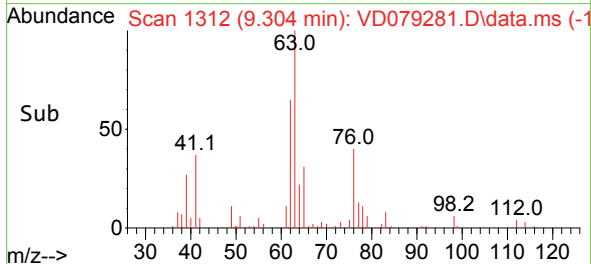
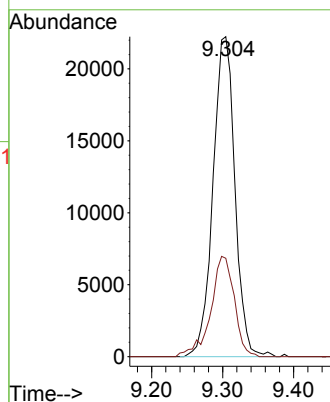
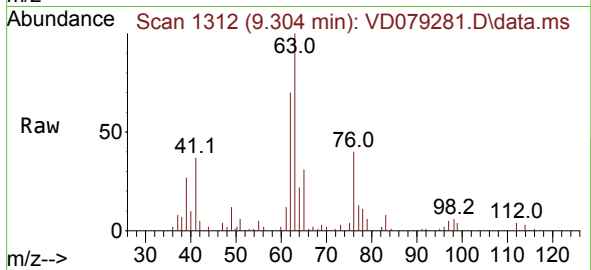




#45
1,2-Dichloropropane
Concen: 20.946 ug/l
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

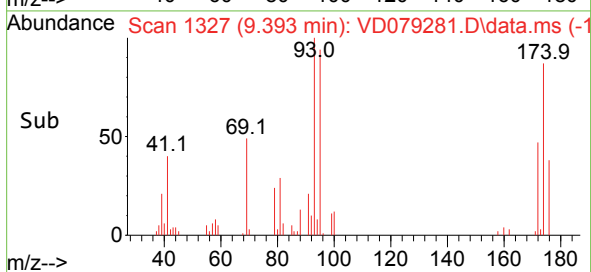
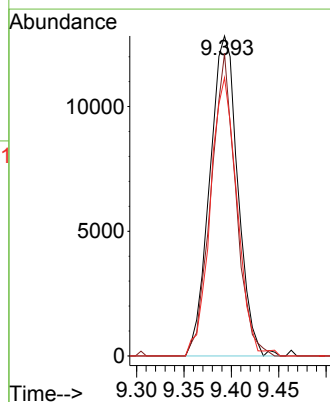
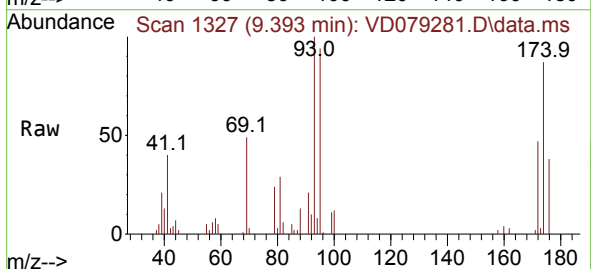
Instrument :
MSVOA_D
ClientSampleId :

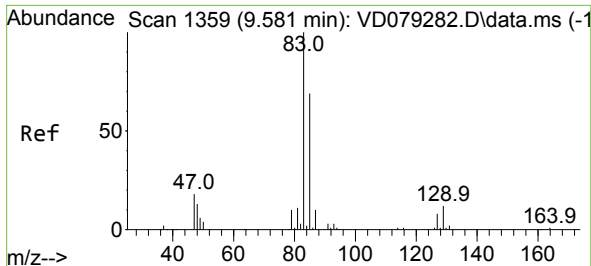
Tgt Ion: 63 Resp: 47609
Ion Ratio Lower Upper
63 100
65 30.7 23.8 35.8



#46
Dibromomethane
Concen: 20.521 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

Tgt Ion: 93 Resp: 26455
Ion Ratio Lower Upper
93 100
95 84.2 65.6 98.4
174 82.9 82.3 123.5

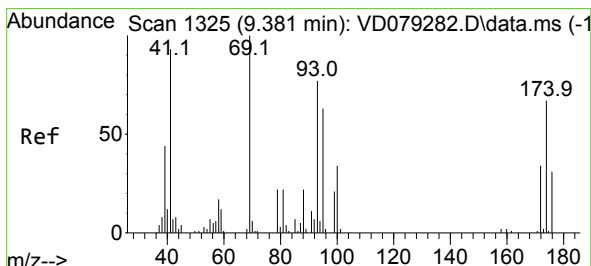
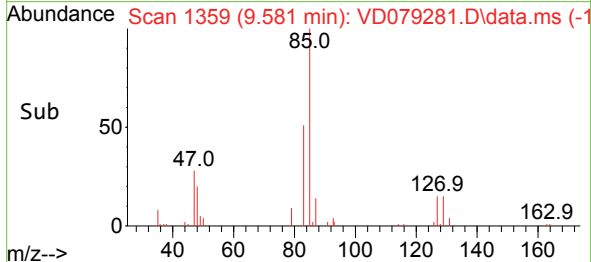
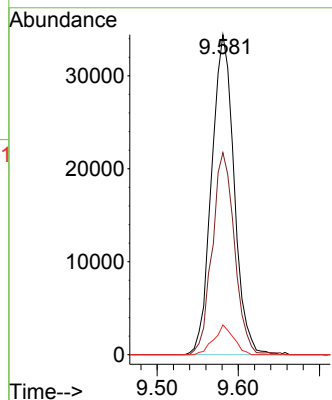
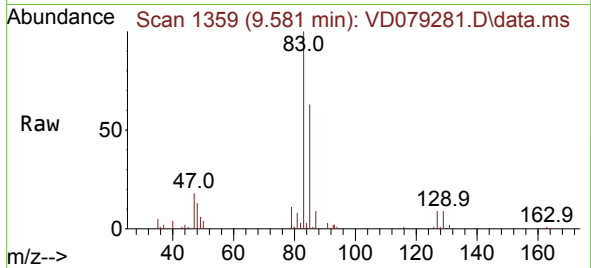




#47
Bromodichloromethane
Concen: 21.025 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

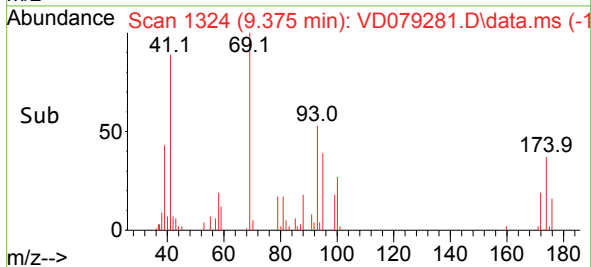
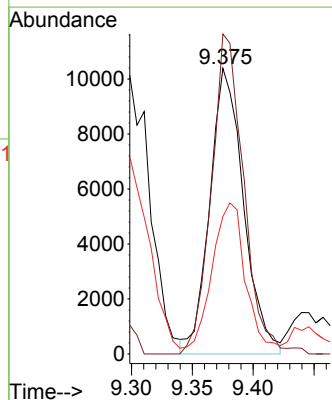
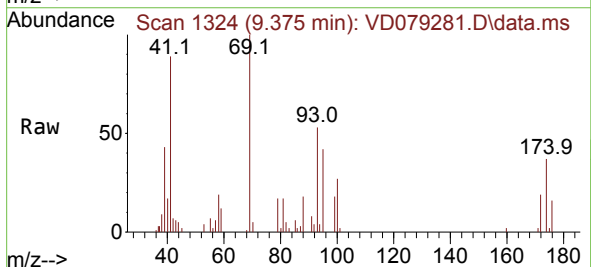
Instrument :
MSVOA_D
ClientSampleId :

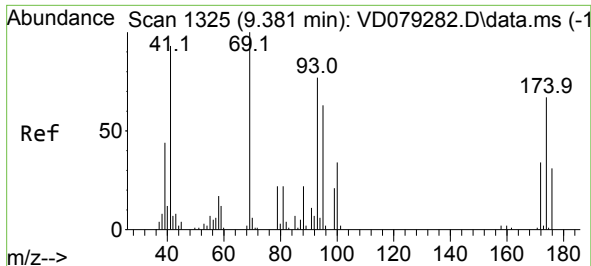
Tgt Ion: 83 Resp: 66328
Ion Ratio Lower Upper
83 100
85 63.1 50.1 75.1
127 9.3 6.8 10.2



#48
Methyl methacrylate
Concen: 20.265 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.000 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

Tgt Ion: 41 Resp: 20099
Ion Ratio Lower Upper
41 100
69 107.0 96.7 145.1
39 53.4 43.8 65.6





#49

1,4-Dioxane

Concen: 411.125 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

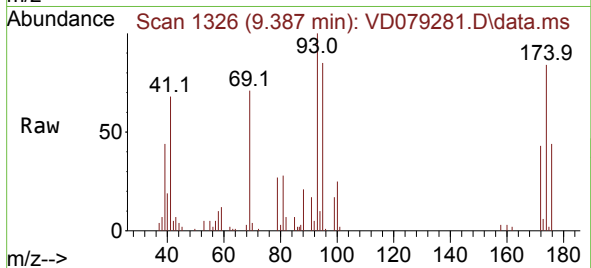
Lab File: VD079281.D

Acq: 28 Jun 2024 14:26

Instrument :

MSVOA_D

ClientSampleId :



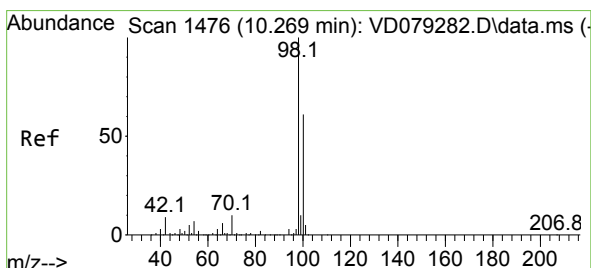
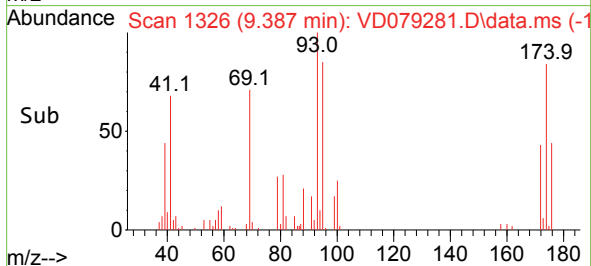
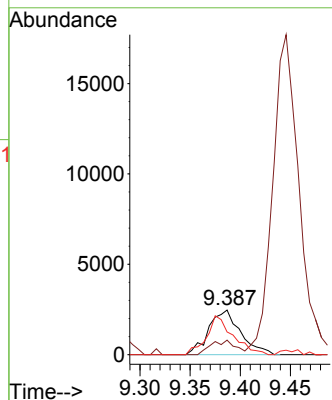
Tgt Ion: 88 Resp: 5431

Ion Ratio Lower Upper

88 100

43 25.4 21.5 32.3

58 72.2 42.2 63.4#



#50

Toluene-d8

Concen: 23.539 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VD079281.D

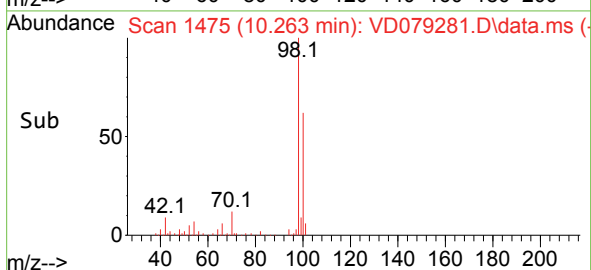
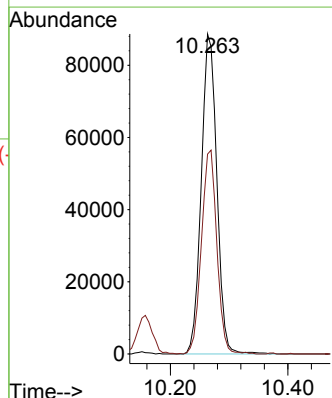
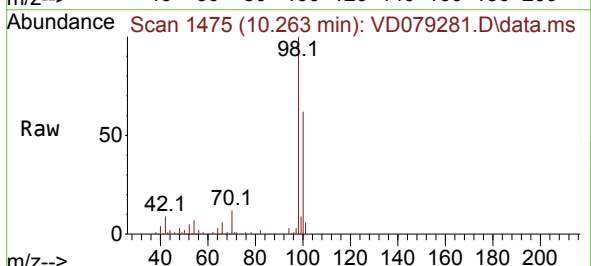
Acq: 28 Jun 2024 14:26

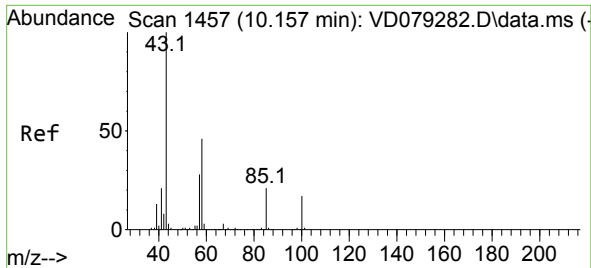
Tgt Ion: 98 Resp: 163090

Ion Ratio Lower Upper

98 100

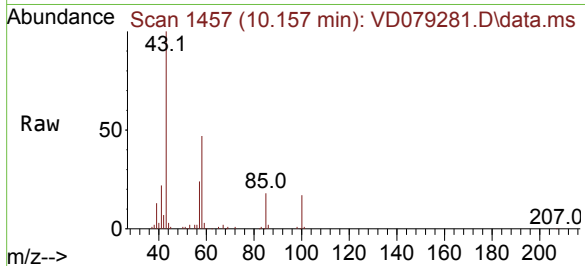
100 63.3 51.6 77.4



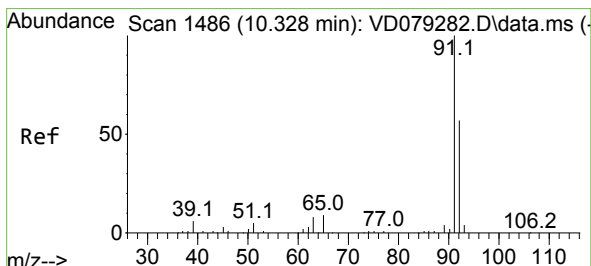
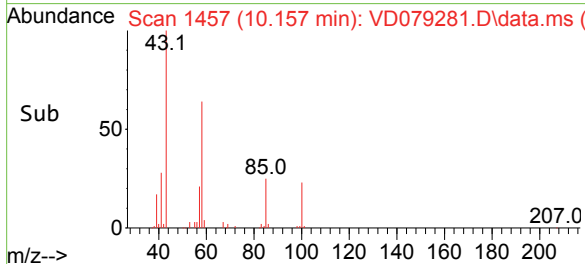
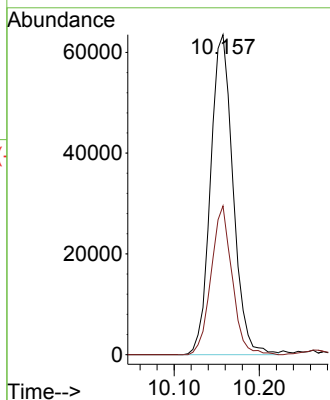


#51
4-Methyl-2-Pentanone
Concen: 101.993 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

Instrument :
MSVOA_D
ClientSampleId :

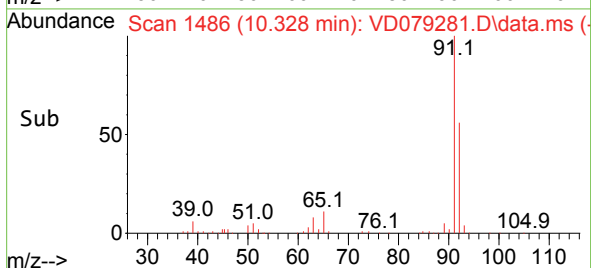
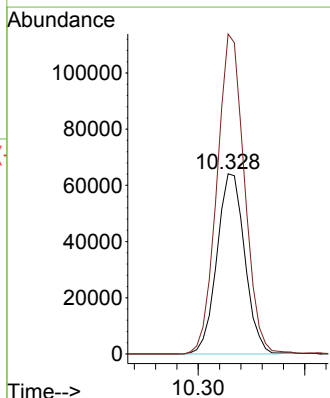
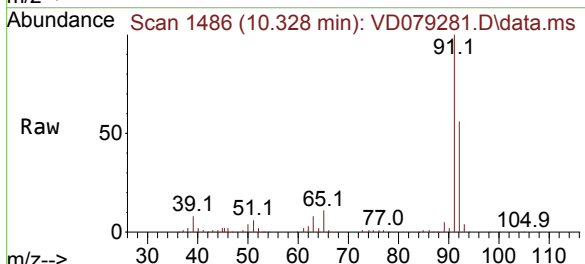


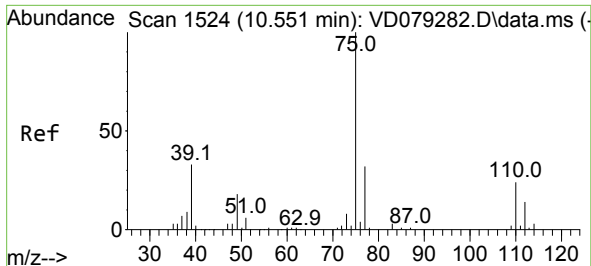
Tgt Ion: 43 Resp: 116669
Ion Ratio Lower Upper
43 100
58 43.3 36.6 55.0



#52
Toluene
Concen: 20.459 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

Tgt Ion: 92 Resp: 116274
Ion Ratio Lower Upper
92 100
91 175.7 141.7 212.5

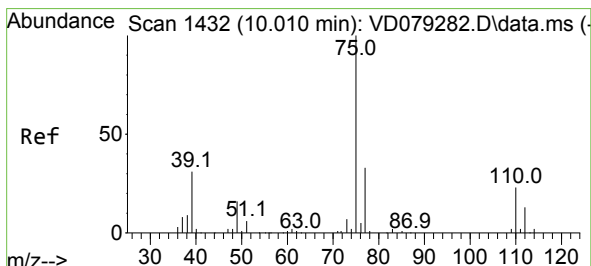
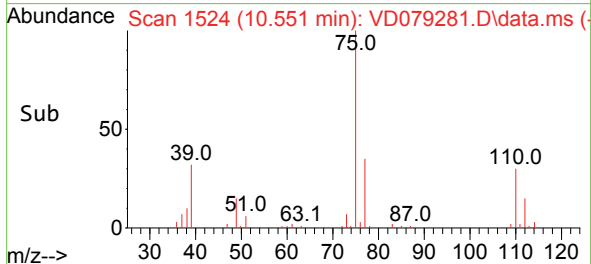
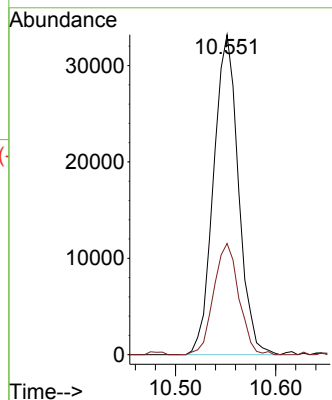
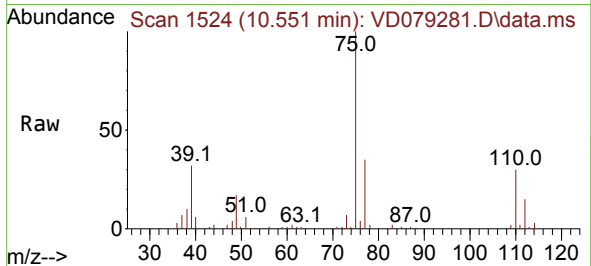




#53
 t-1,3-Dichloropropene
 Concen: 20.080 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.000 min
 Lab File: VD079281.D
 Acq: 28 Jun 2024 14:26

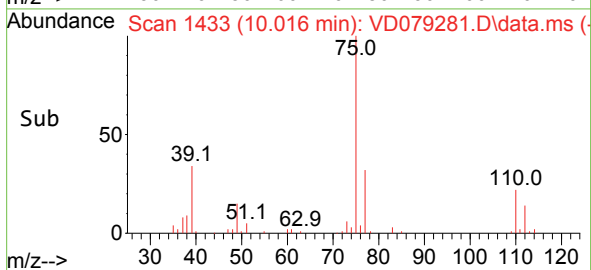
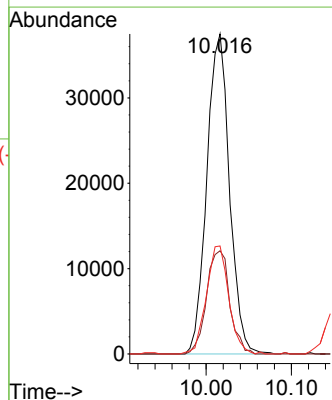
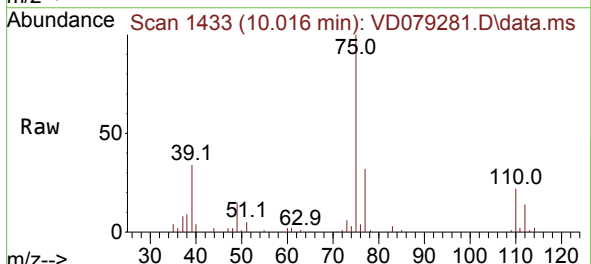
Instrument :
 MSVOA_D
 ClientSampleId :

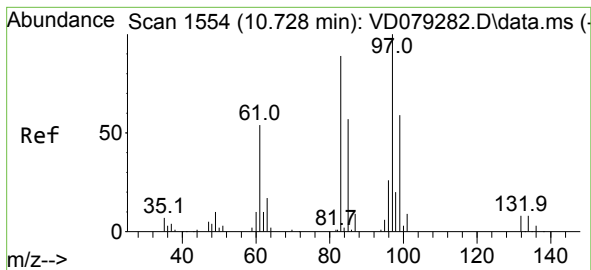
Tgt Ion: 75 Resp: 57206
 Ion Ratio Lower Upper
 75 100
 77 34.8 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 20.257 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD079281.D
 Acq: 28 Jun 2024 14:26

Tgt Ion: 75 Resp: 69245
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.4 36.6
 39 33.8 24.2 36.2





#55

1,1,2-Trichloroethane

Concen: 20.397 ug/l

RT: 10.728 min Scan# 1554

Delta R.T. -0.000 min

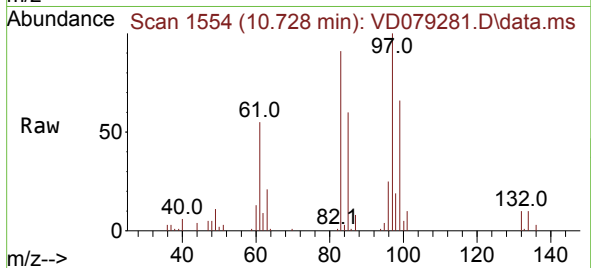
Lab File: VD079281.D

Acq: 28 Jun 2024 14:26

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 33914

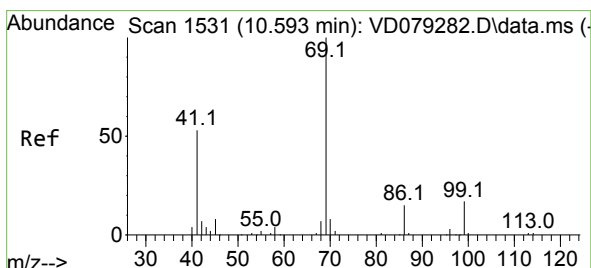
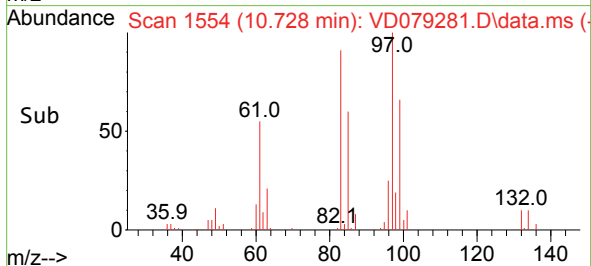
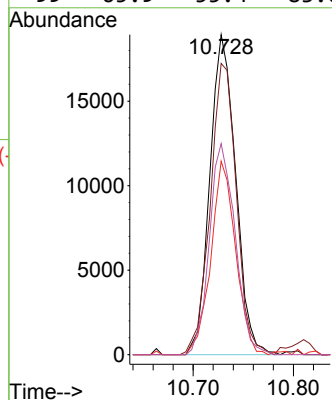
Ion Ratio Lower Upper

97 100

83 91.0 65.8 98.8

85 60.5 43.8 65.8

99 65.9 55.4 83.0



#56

Ethyl methacrylate

Concen: 20.633 ug/l

RT: 10.593 min Scan# 1531

Delta R.T. -0.000 min

Lab File: VD079281.D

Acq: 28 Jun 2024 14:26

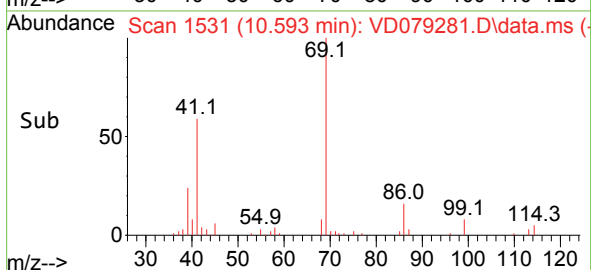
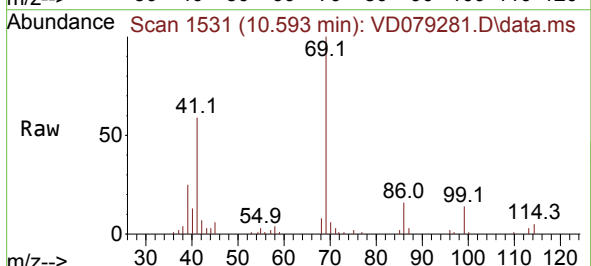
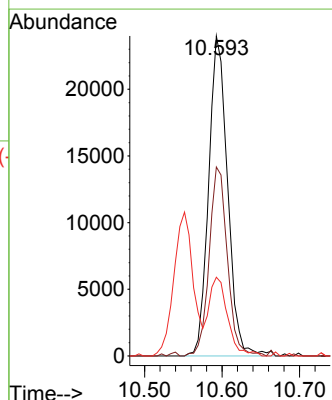
Tgt Ion: 69 Resp: 40797

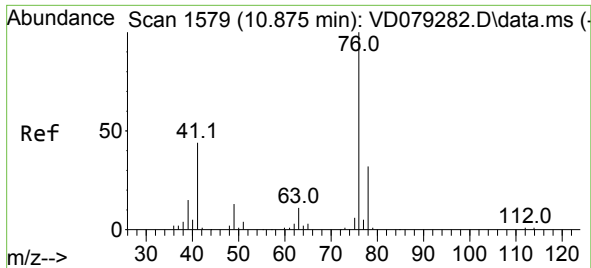
Ion Ratio Lower Upper

69 100

41 56.7 39.8 59.6

39 24.3 20.2 30.4





#57

1,3-Dichloropropane

Concen: 20.230 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.006 min

Lab File: VD079281.D

Acq: 28 Jun 2024 14:26

Instrument :

MSVOA_D

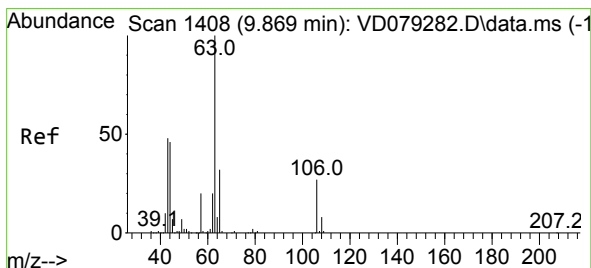
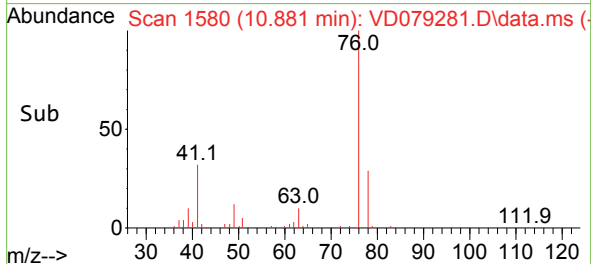
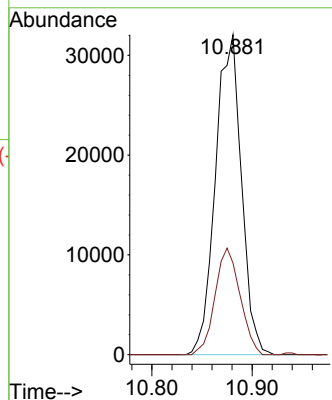
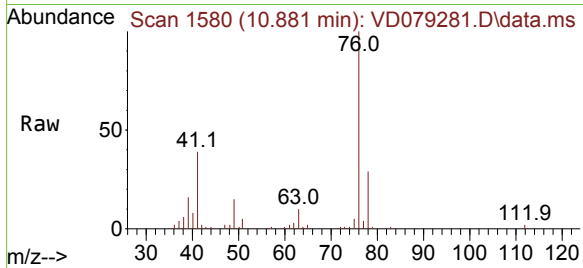
ClientSampleId :

Tgt Ion: 76 Resp: 57510

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 101.809 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD079281.D

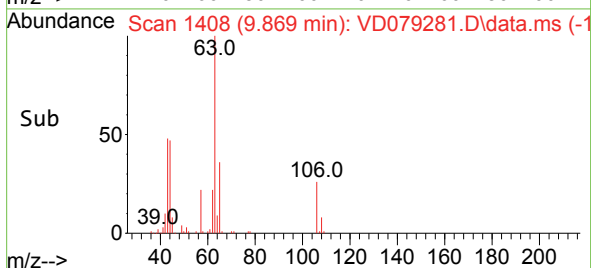
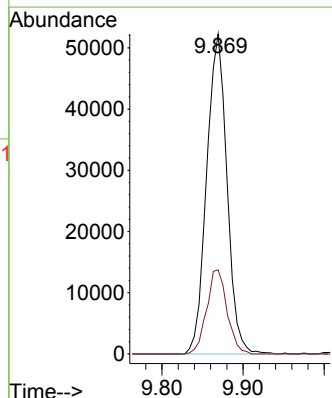
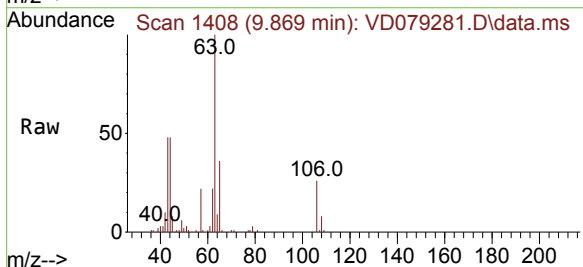
Acq: 28 Jun 2024 14:26

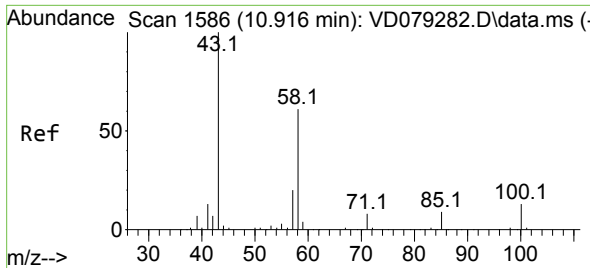
Tgt Ion: 63 Resp: 90859

Ion Ratio Lower Upper

63 100

106 26.3 26.4 39.6#

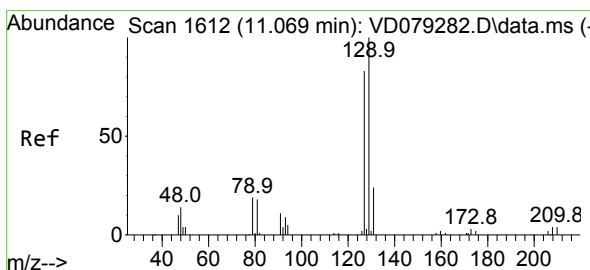
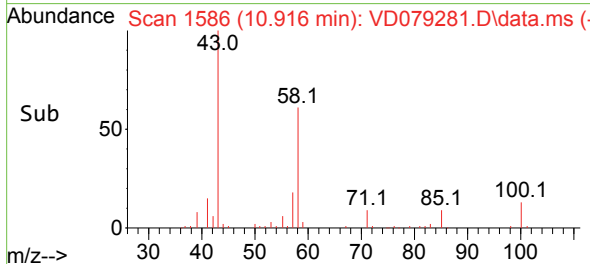
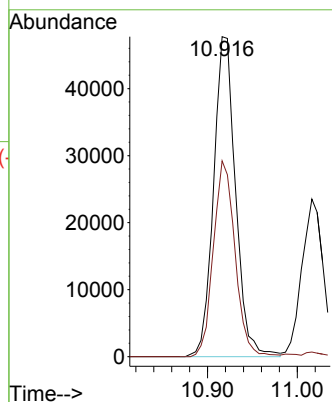
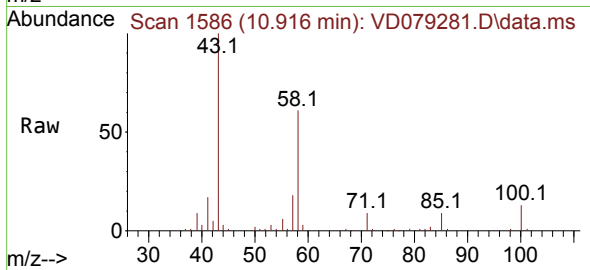




#59
2-Hexanone
Concen: 100.138 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

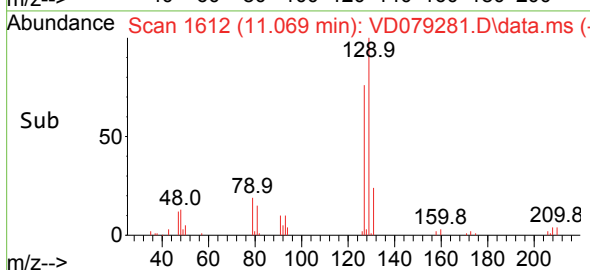
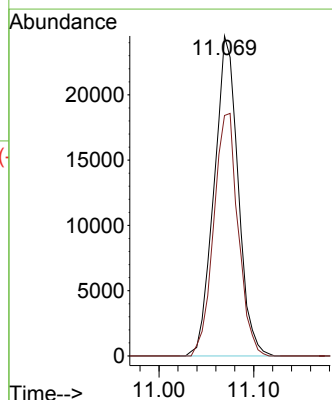
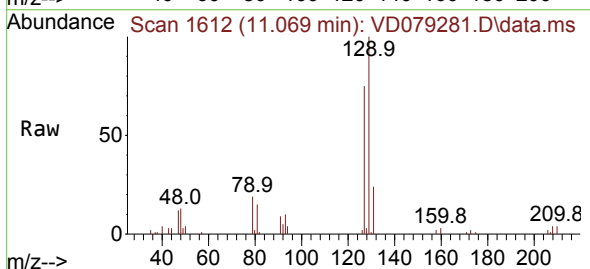
Instrument :
MSVOA_D
ClientSampleId :

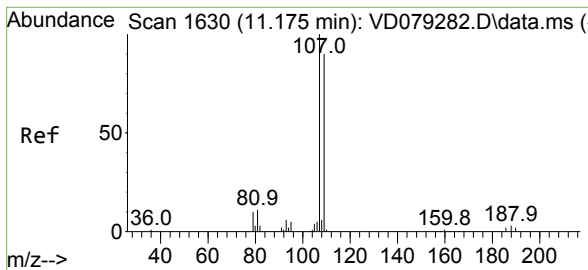
Tgt Ion: 43 Resp: 81345
Ion Ratio Lower Upper
43 100
58 60.3 31.1 93.5



#60
Dibromochloromethane
Concen: 20.515 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

Tgt Ion: 129 Resp: 43058
Ion Ratio Lower Upper
129 100
127 77.2 38.0 113.9

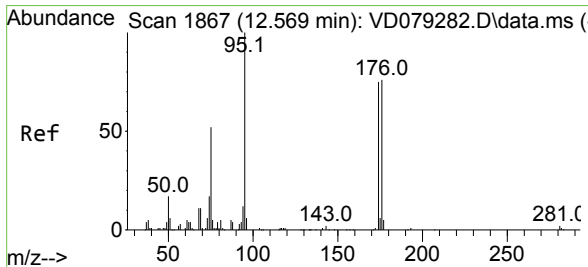
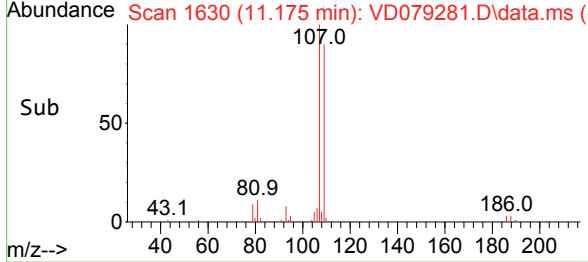
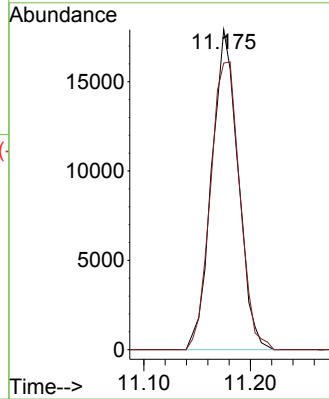
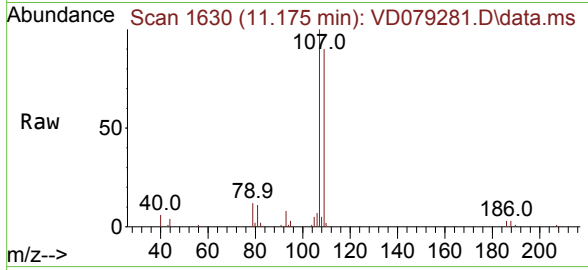




#61
1,2-Dibromoethane
Concen: 20.275 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

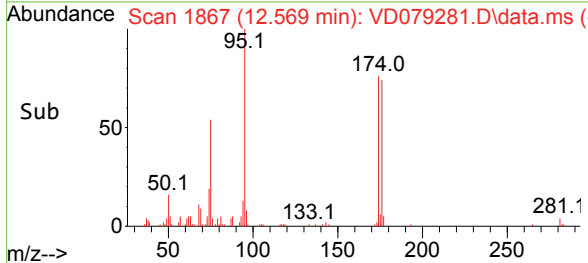
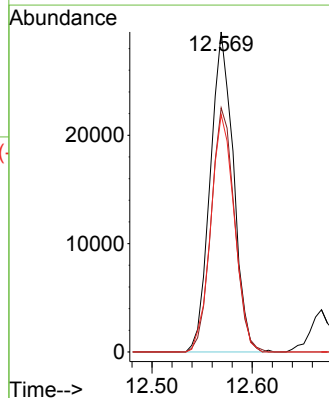
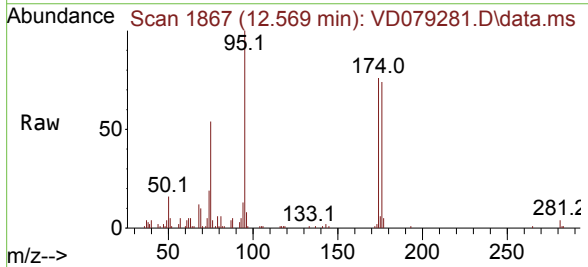
Instrument :
MSVOA_D
ClientSampleId :

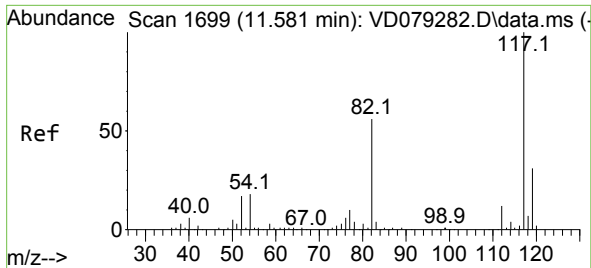
Tgt Ion:107 Resp: 30907
Ion Ratio Lower Upper
107 100
109 99.5 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 21.285 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

Tgt Ion: 95 Resp: 47288
Ion Ratio Lower Upper
95 100
174 77.1 0.0 195.4
176 75.9 0.0 192.6

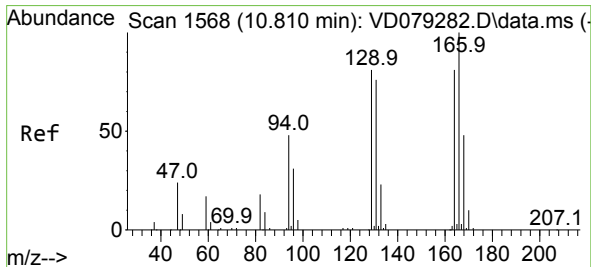
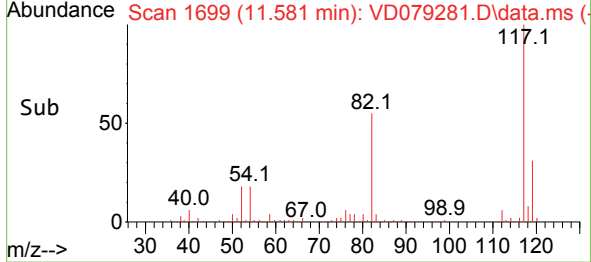
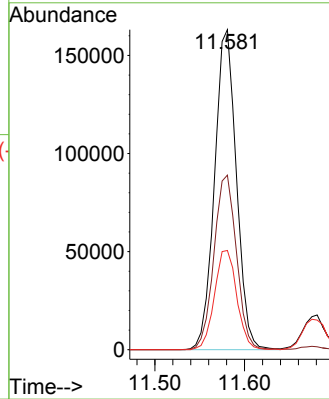
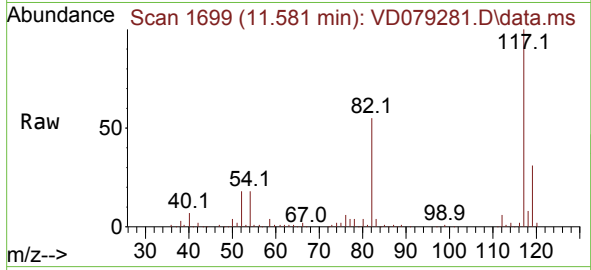




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

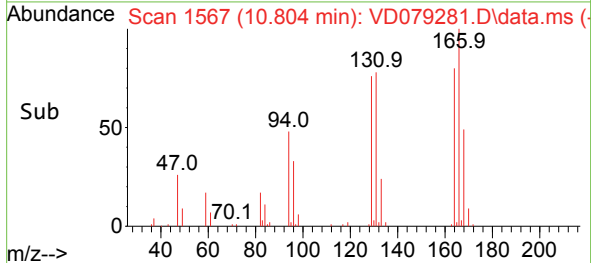
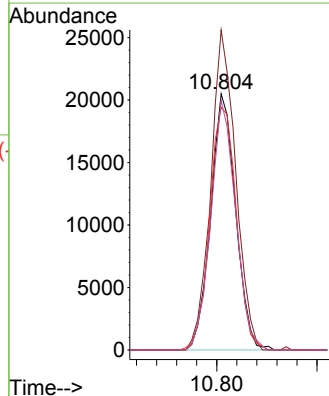
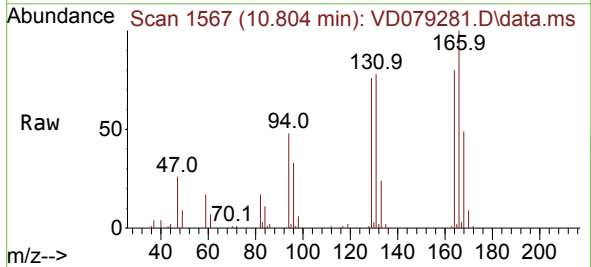
Instrument :
MSVOA_D
ClientSampleId :

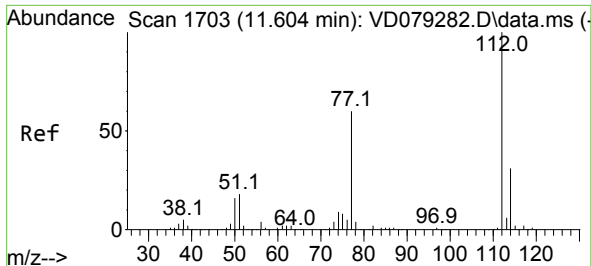
Tgt Ion:117 Resp: 276126
Ion Ratio Lower Upper
117 100
82 54.6 39.8 59.6
119 31.0 25.7 38.5



#64
Tetrachloroethene
Concen: 20.577 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

Tgt Ion:164 Resp: 35401
Ion Ratio Lower Upper
164 100
166 124.9 108.6 163.0
129 94.7 74.6 112.0
131 97.4 68.6 103.0

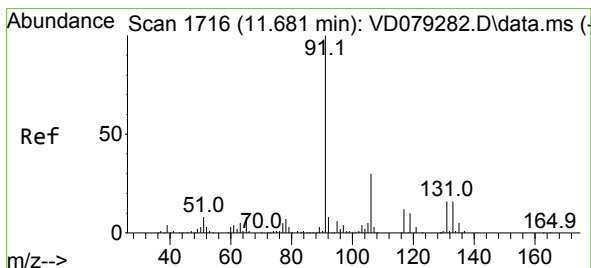
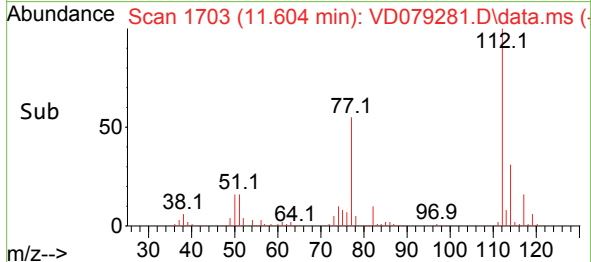
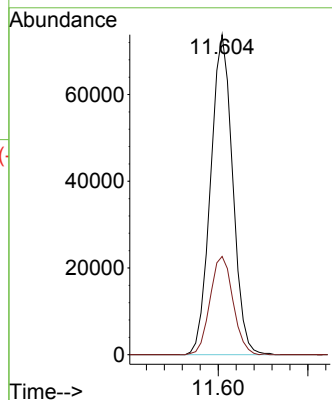
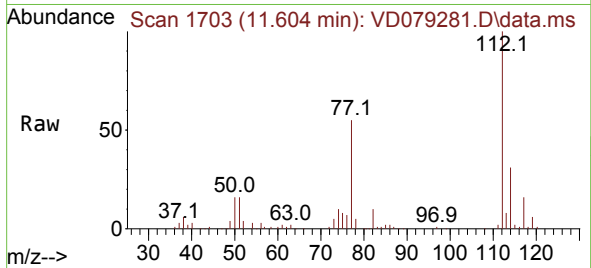




#65
Chlorobenzene
Concen: 20.490 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

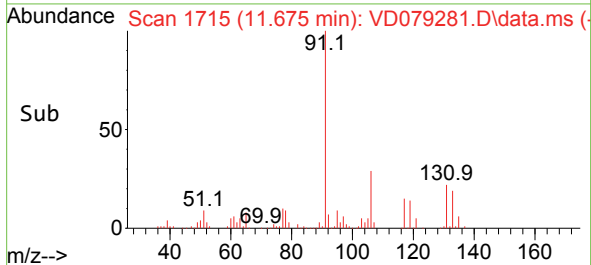
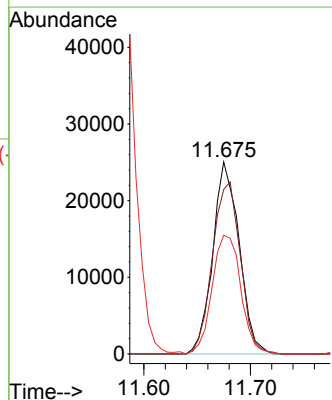
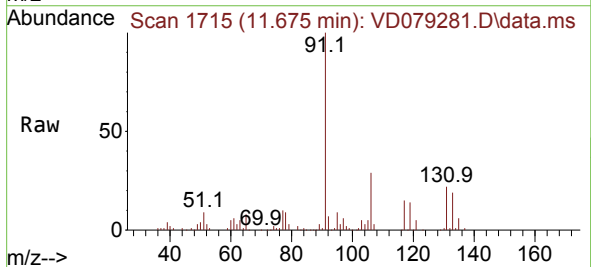
Instrument :
MSVOA_D
ClientSampleId :

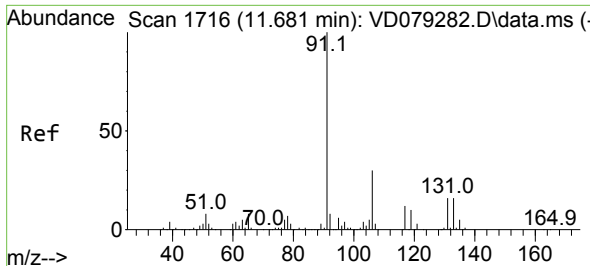
Tgt Ion:112 Resp: 125843
Ion Ratio Lower Upper
112 100
114 30.7 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.647 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

Tgt Ion:131 Resp: 43161
Ion Ratio Lower Upper
131 100
133 94.3 49.2 147.6
119 67.0 33.4 100.2

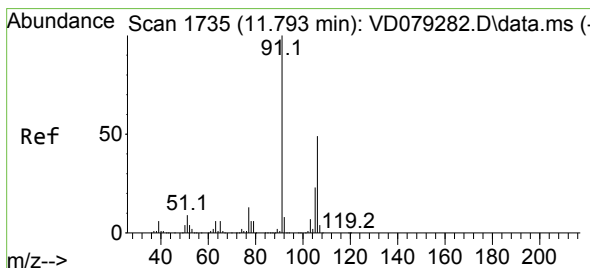
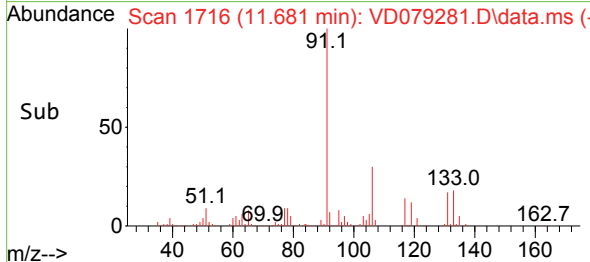
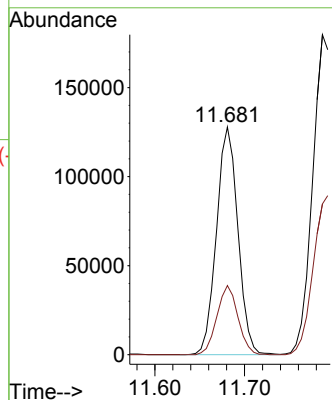
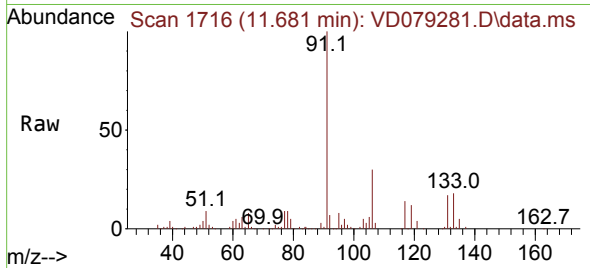




#67
Ethyl Benzene
Concen: 19.770 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

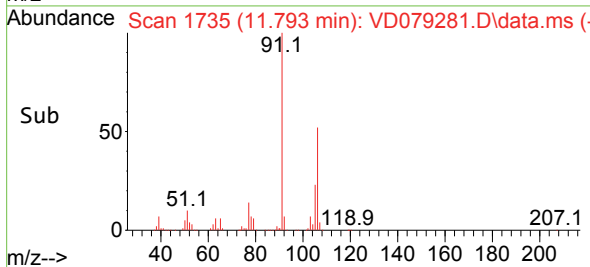
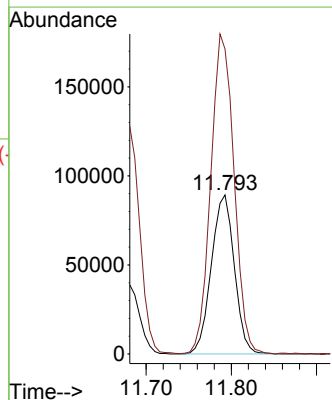
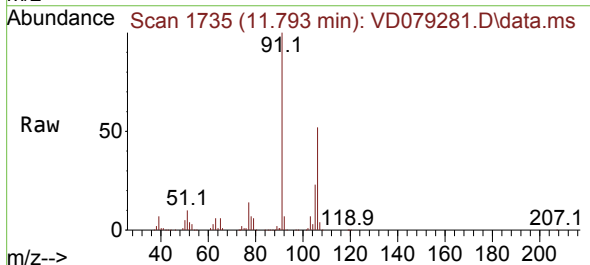
Instrument :
MSVOA_D
ClientSampleId :

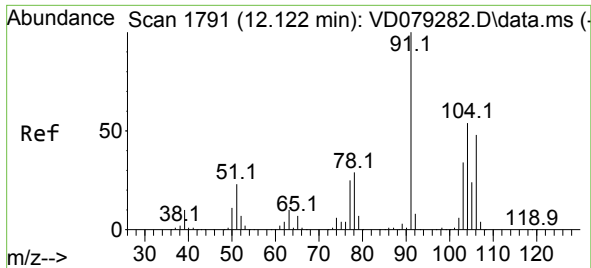
Tgt Ion: 91 Resp: 211882
Ion Ratio Lower Upper
91 100
106 30.3 25.8 38.6



#68
m/p-Xylenes
Concen: 40.596 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

Tgt Ion:106 Resp: 167815
Ion Ratio Lower Upper
106 100
91 203.4 148.5 222.7

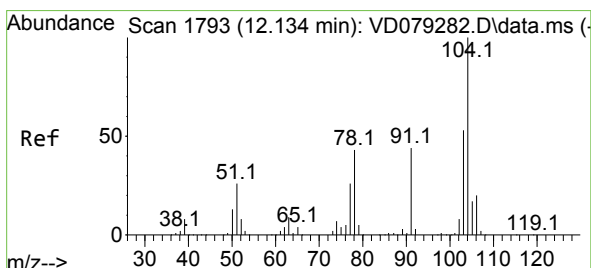
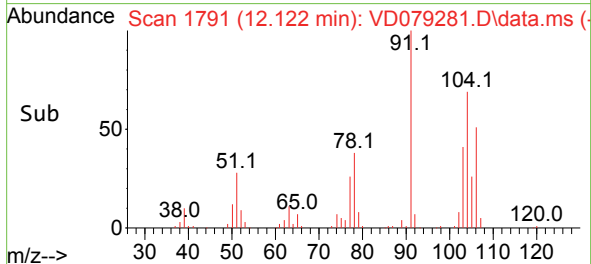
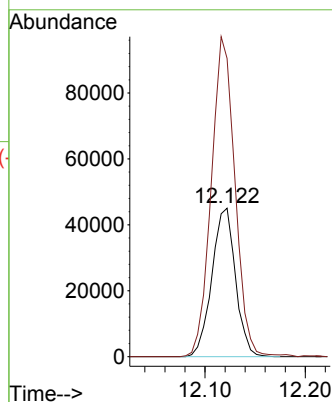
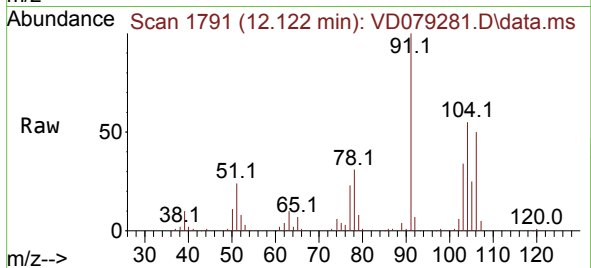




#69
o-Xylene
Concen: 19.807 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

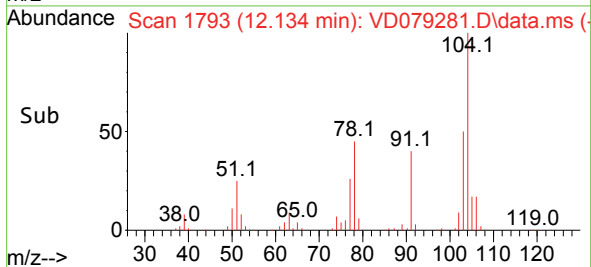
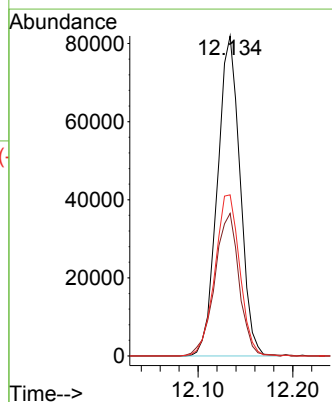
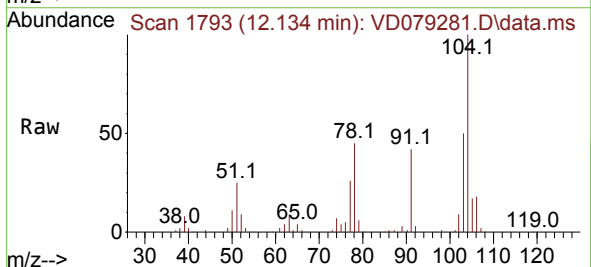
Instrument :
MSVOA_D
ClientSampleId :

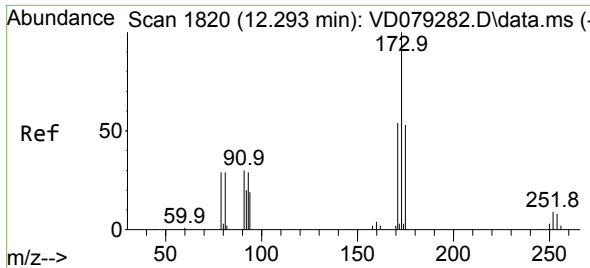
Tgt Ion:106 Resp: 73555
Ion Ratio Lower Upper
106 100
91 216.7 96.7 290.1



#70
Styrene
Concen: 20.530 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

Tgt Ion:104 Resp: 135966
Ion Ratio Lower Upper
104 100
78 48.3 33.0 49.6
103 55.3 44.2 66.4

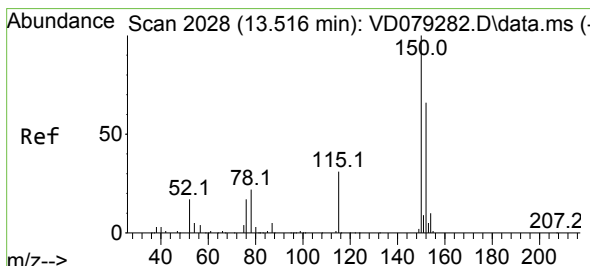
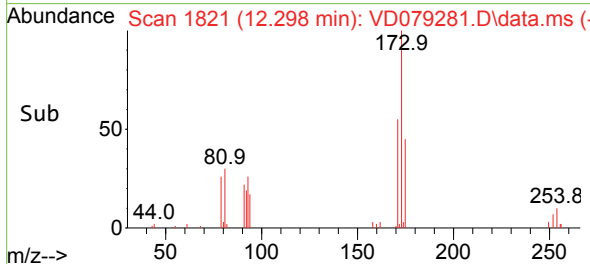
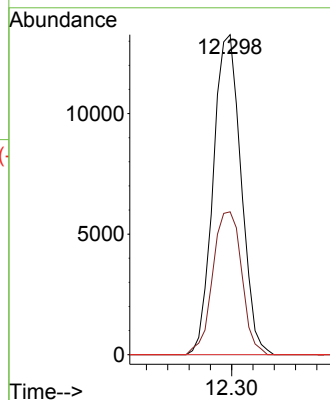
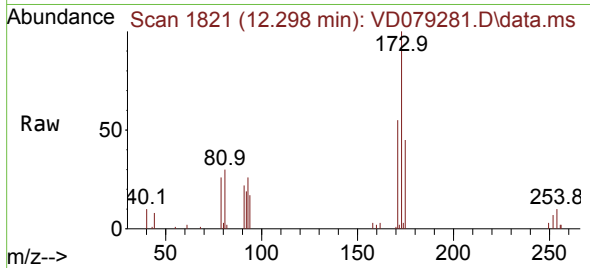




#71
Bromoform
Concen: 21.223 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

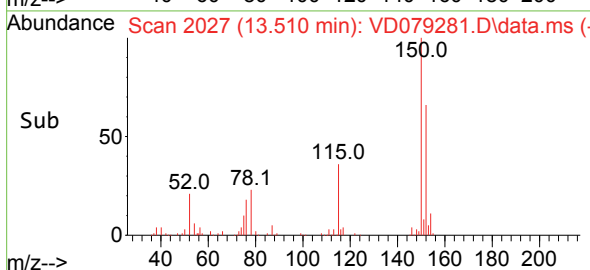
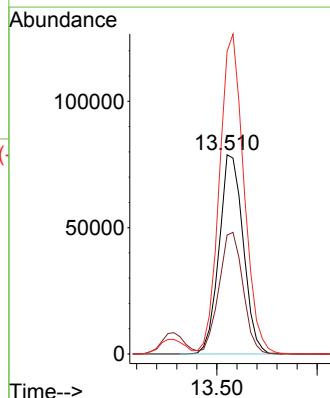
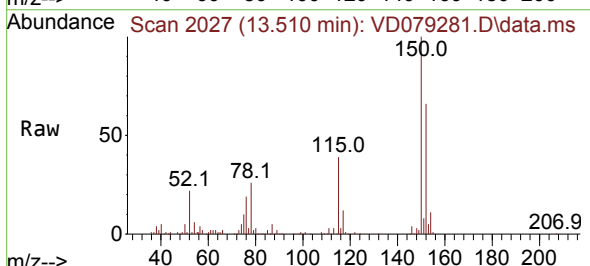
Instrument :
MSVOA_D
ClientSampleId :

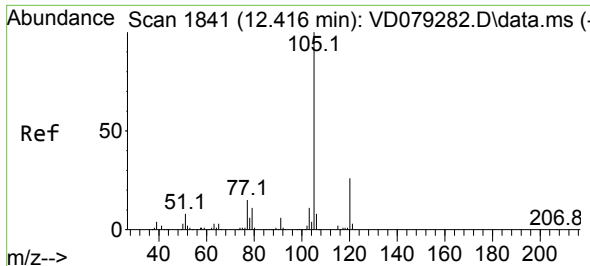
Tgt Ion:173 Resp: 24060
Ion Ratio Lower Upper
173 100
175 46.5 23.7 71.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.006 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

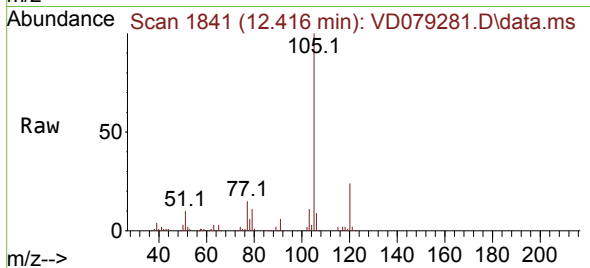
Tgt Ion:152 Resp: 131171
Ion Ratio Lower Upper
152 100
115 61.3 26.5 79.5
150 163.4 0.0 341.6



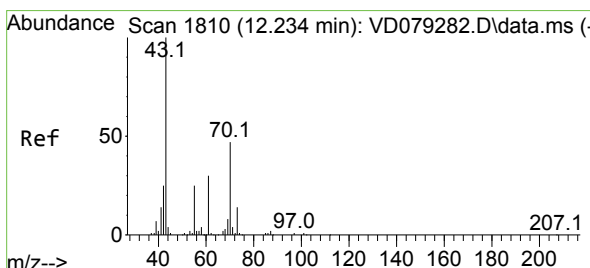
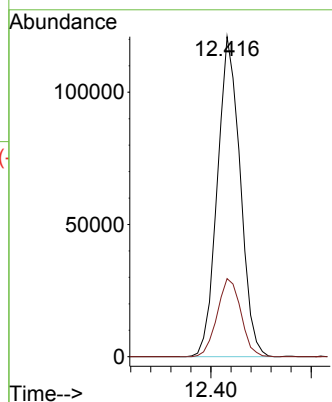
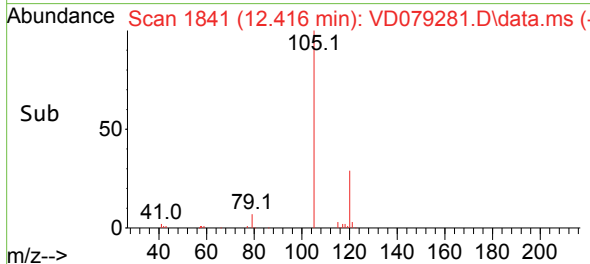


#73
Isopropylbenzene
Concen: 19.578 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

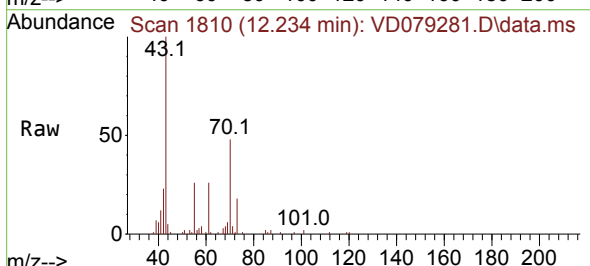
Instrument :
MSVOA_D
ClientSampleId :



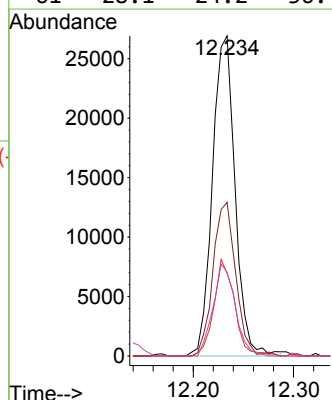
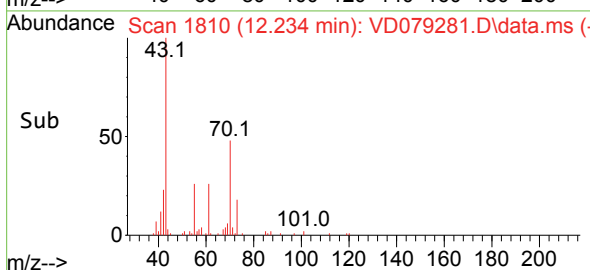
Tgt Ion:105 Resp: 190906
Ion Ratio Lower Upper
105 100
120 25.3 13.6 40.7

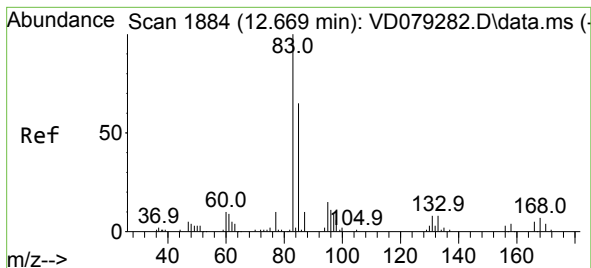


#74
N-ethyl acetate
Concen: 19.737 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26



Tgt Ion: 43 Resp: 42243
Ion Ratio Lower Upper
43 100
70 47.9 44.3 66.5
55 27.6 23.2 34.8
61 28.1 24.2 36.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.169 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VD079281.D

Acq: 28 Jun 2024 14:26

Instrument :

MSVOA_D

ClientSampleId :

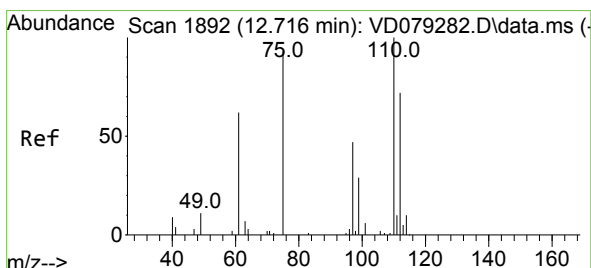
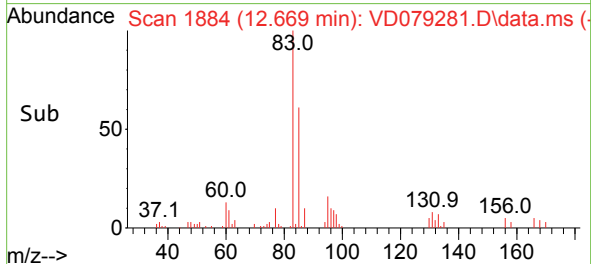
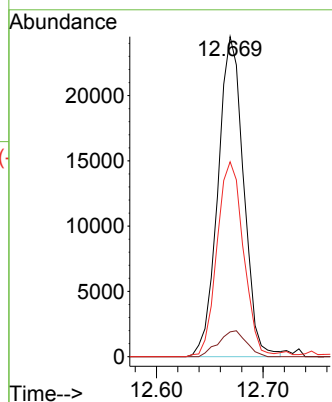
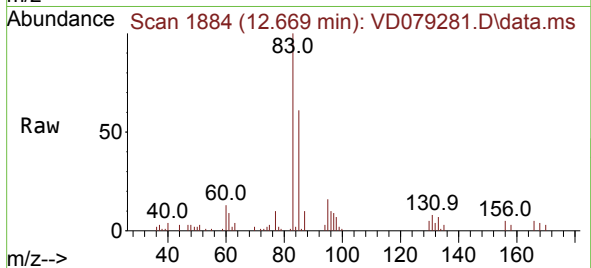
Tgt Ion: 83 Resp: 40998

Ion Ratio Lower Upper

83 100

131 8.8 5.5 16.5

85 62.8 33.8 101.3



#76

1,2,3-Trichloropropane

Concen: 37.401 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD079281.D

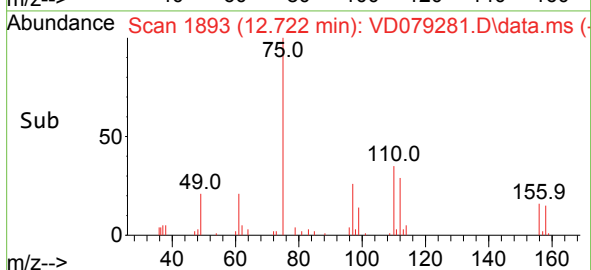
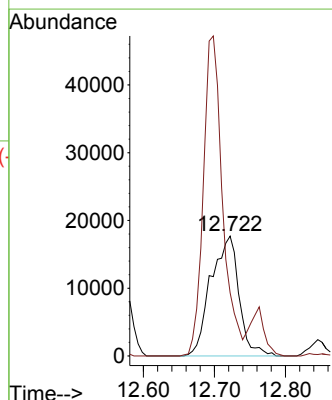
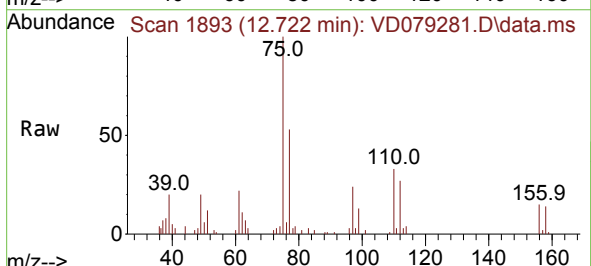
Acq: 28 Jun 2024 14:26

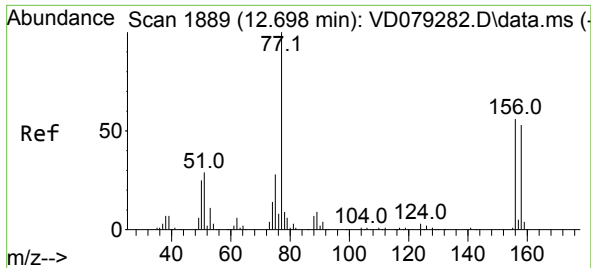
Tgt Ion: 75 Resp: 48662

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

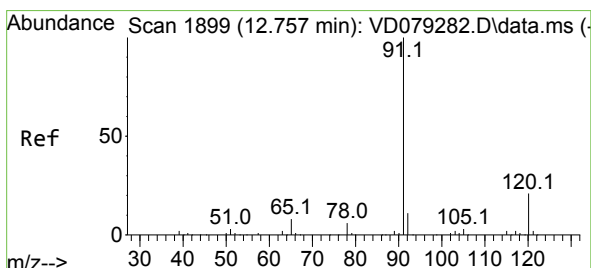
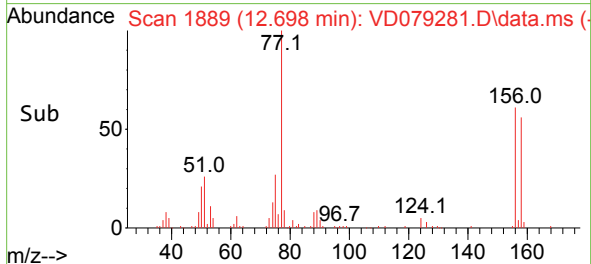
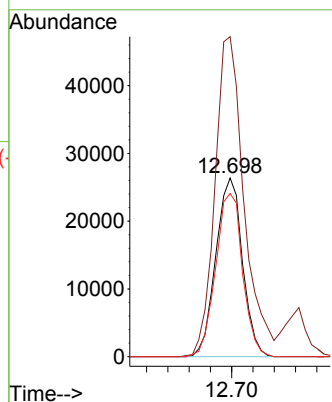
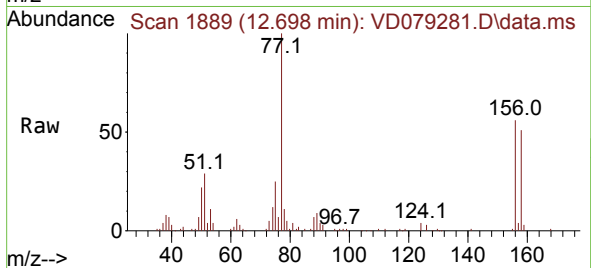




#77
Bromobenzene
Concen: 20.796 ug/l
RT: 12.698 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

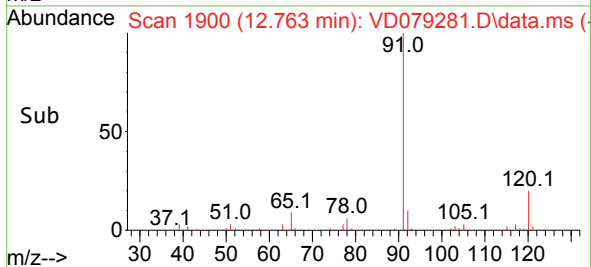
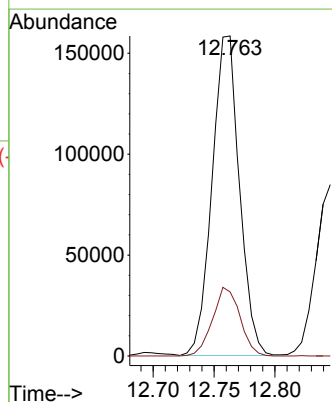
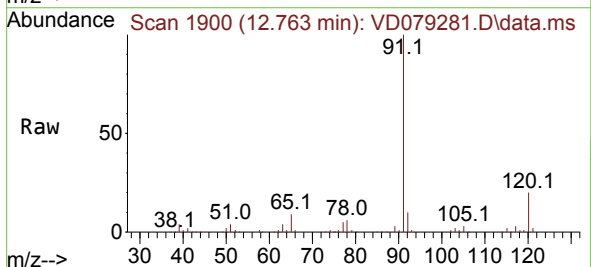
Instrument :
MSVOA_D
ClientSampleId :

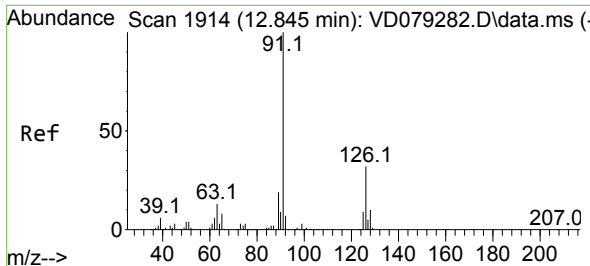
Tgt Ion	Resp	Lower	Upper
156	45615		
77	195.6	77.3	231.9
158	92.5	49.6	149.0



#78
n-propylbenzene
Concen: 19.842 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

Tgt Ion	Resp	Lower	Upper
91	247693		
120	21.5	12.3	36.8

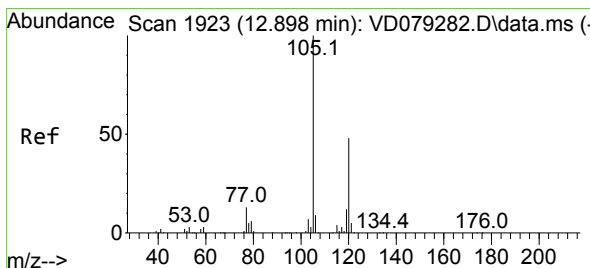
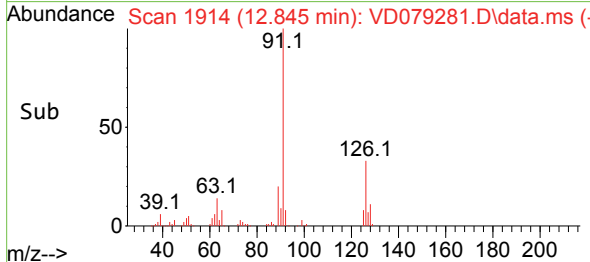
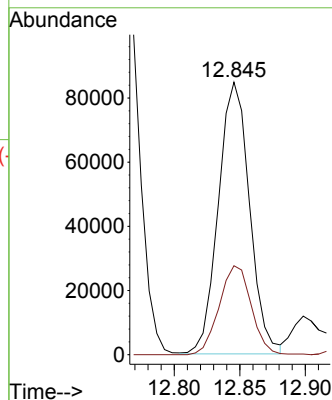
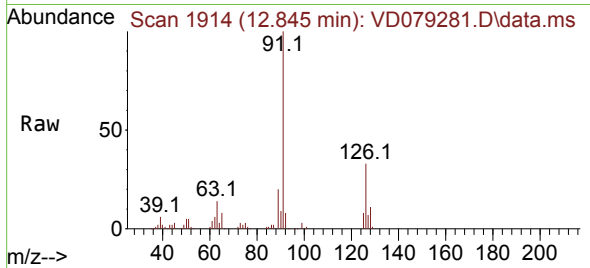




#79
2-Chlorotoluene
Concen: 20.092 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

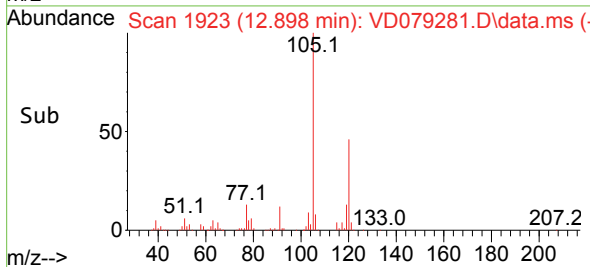
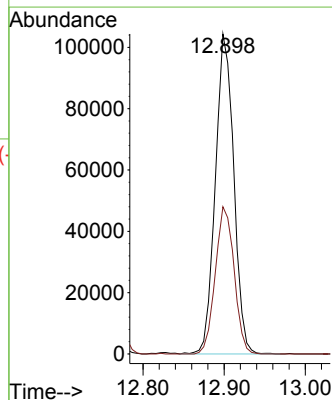
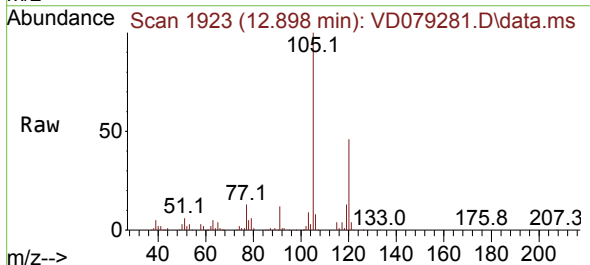
Instrument :
MSVOA_D
ClientSampleId :

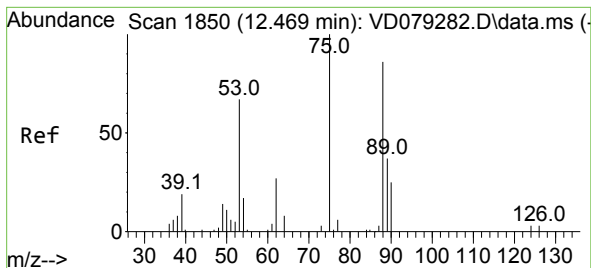
Tgt Ion: 91 Resp: 140221
Ion Ratio Lower Upper
91 100
126 33.6 19.3 57.8



#80
1,3,5-Trimethylbenzene
Concen: 19.942 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. -0.000 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

Tgt Ion: 105 Resp: 164640
Ion Ratio Lower Upper
105 100
120 47.0 25.7 77.1

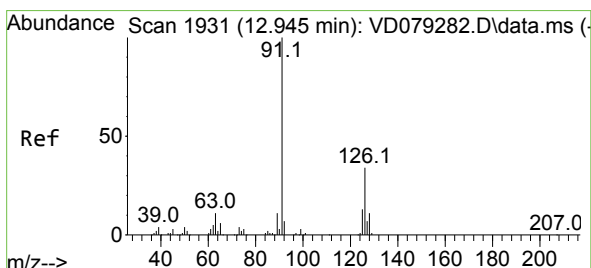
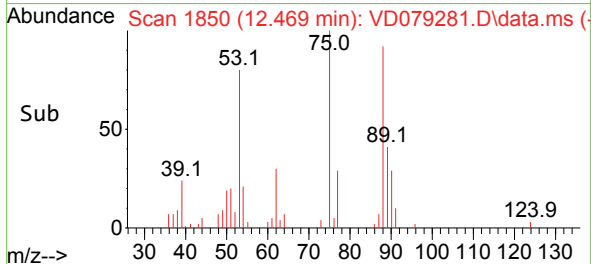
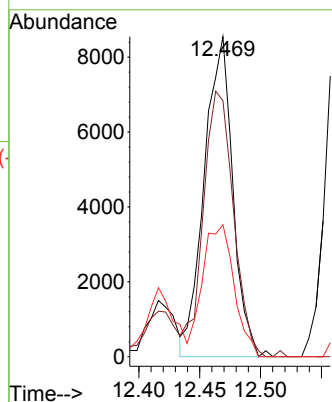
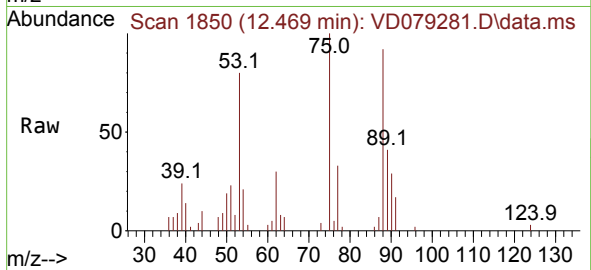




#81
trans-1,4-Dichloro-2-butene
Concen: 19.662 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

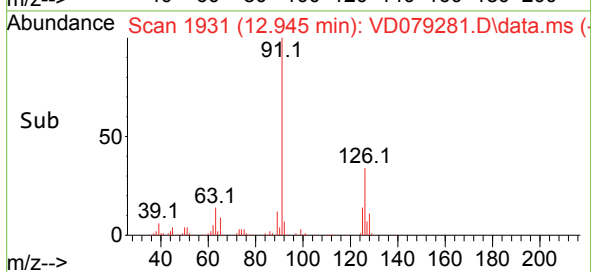
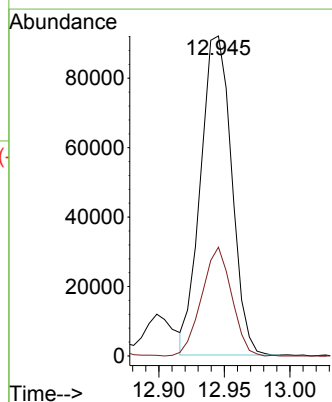
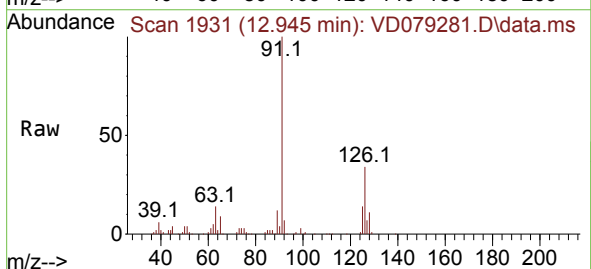
Instrument :
MSVOA_D
ClientSampleId :

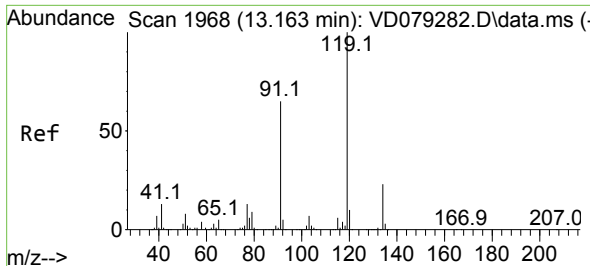
Tgt Ion: 75 Resp: 13909
Ion Ratio Lower Upper
75 100
53 88.1 61.4 92.2
89 45.8 35.4 53.0



#82
4-Chlorotoluene
Concen: 20.712 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

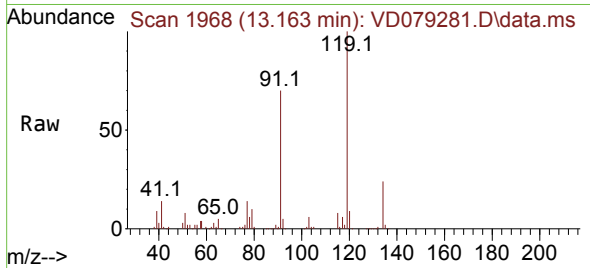
Tgt Ion: 91 Resp: 151870
Ion Ratio Lower Upper
91 100
126 32.9 18.9 56.9



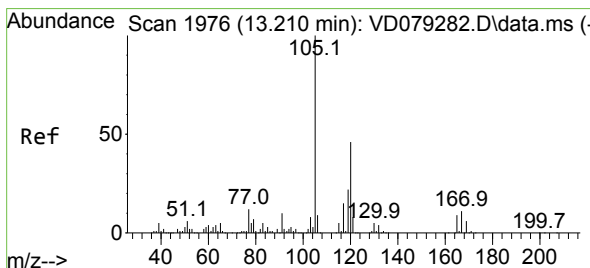
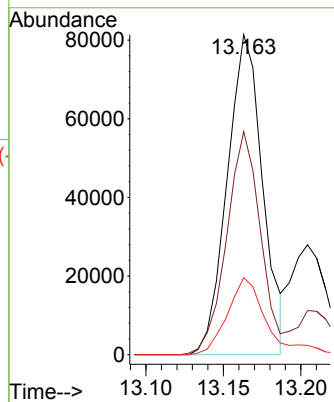
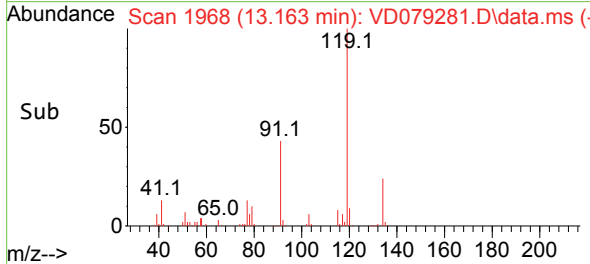


#83
 tert-Butylbenzene
 Concen: 19.389 ug/l
 RT: 13.163 min Scan# 1968
 Delta R.T. -0.000 min
 Lab File: VD079281.D
 Acq: 28 Jun 2024 14:26

Instrument :
 MSVOA_D
 ClientSampleId :

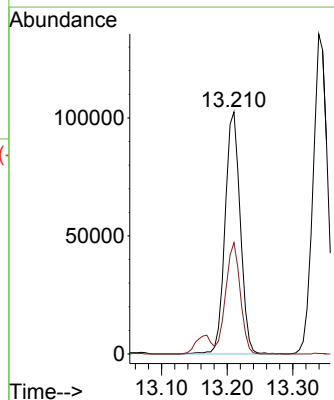
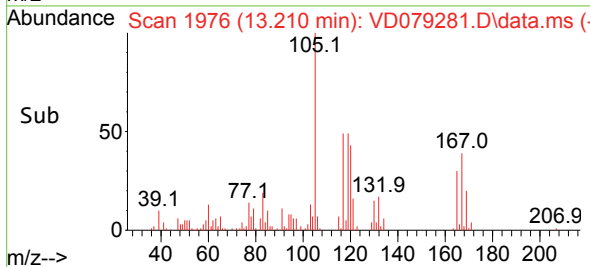
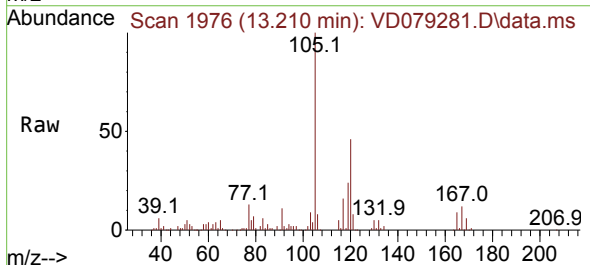


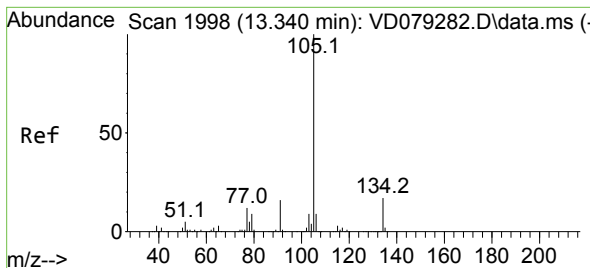
Tgt Ion:119 Resp: 129667
 Ion Ratio Lower Upper
 119 100
 91 67.9 28.2 84.7
 134 26.6 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.906 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VD079281.D
 Acq: 28 Jun 2024 14:26

Tgt Ion:105 Resp: 164489
 Ion Ratio Lower Upper
 105 100
 120 44.0 23.6 71.0





#85

sec-Butylbenzene

Concen: 19.642 ug/l

RT: 13.340 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VD079281.D

Acq: 28 Jun 2024 14:26

Instrument :

MSVOA_D

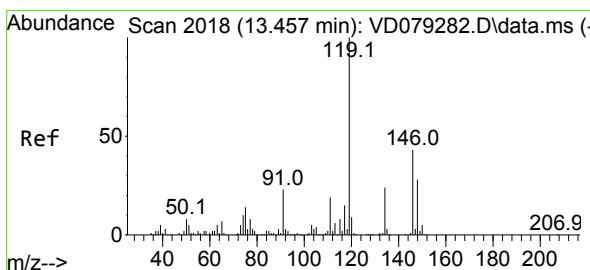
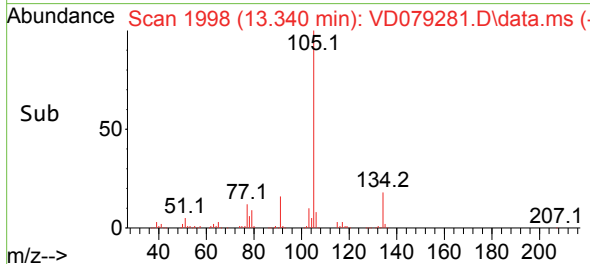
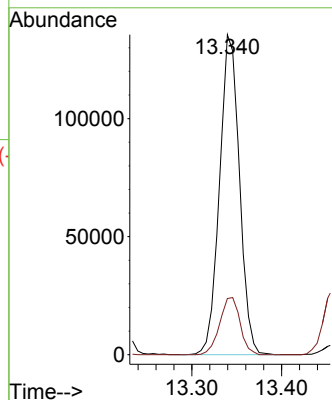
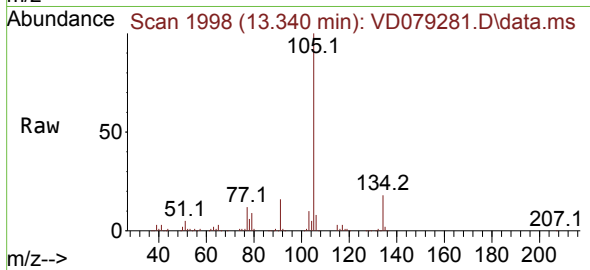
ClientSampleId :

Tgt Ion:105 Resp: 209009

Ion Ratio Lower Upper

105 100

134 18.3 10.3 30.8



#86

p-Isopropyltoluene

Concen: 19.554 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079281.D

Acq: 28 Jun 2024 14:26

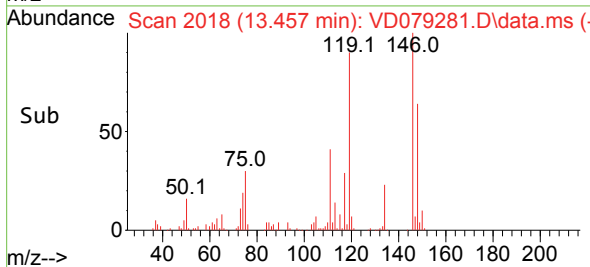
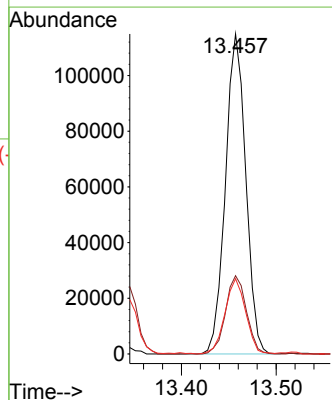
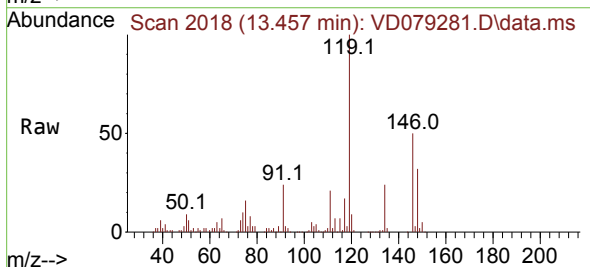
Tgt Ion:119 Resp: 171741

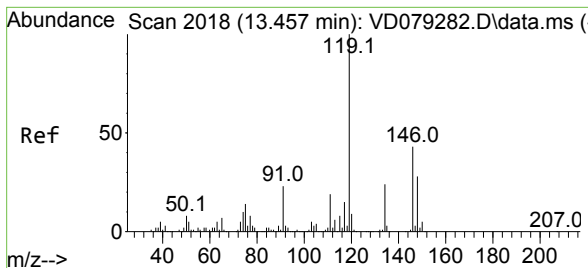
Ion Ratio Lower Upper

119 100

134 25.1 13.7 41.1

91 24.0 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.898 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079281.D

Acq: 28 Jun 2024 14:26

Instrument :

MSVOA_D

ClientSampleId :

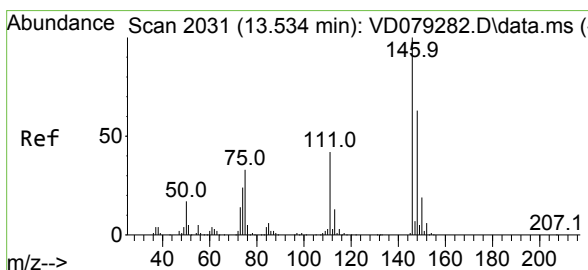
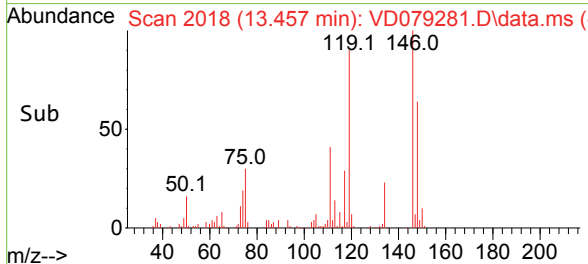
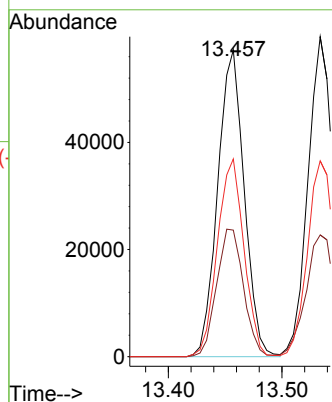
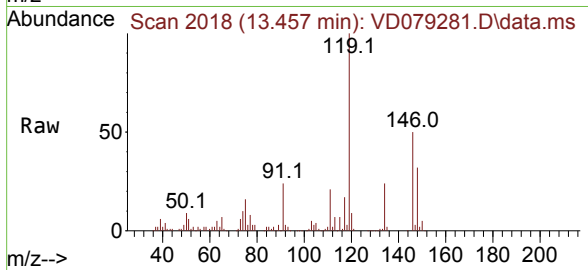
Tgt Ion:146 Resp: 92807

Ion Ratio Lower Upper

146 100

111 42.2 18.5 55.5

148 64.7 30.9 92.8



#88

1,4-Dichlorobenzene

Concen: 20.312 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VD079281.D

Acq: 28 Jun 2024 14:26

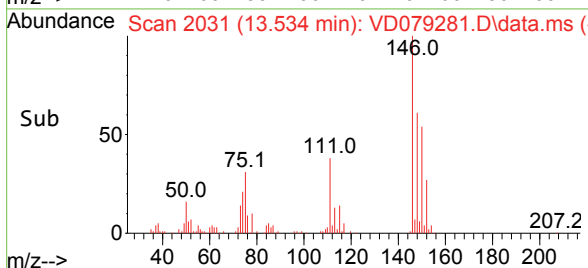
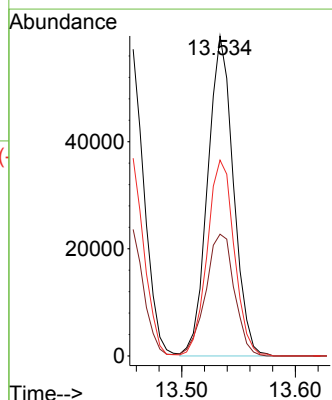
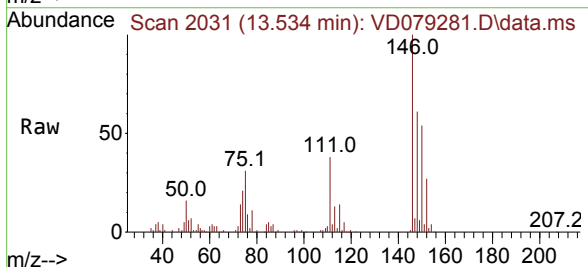
Tgt Ion:146 Resp: 94157

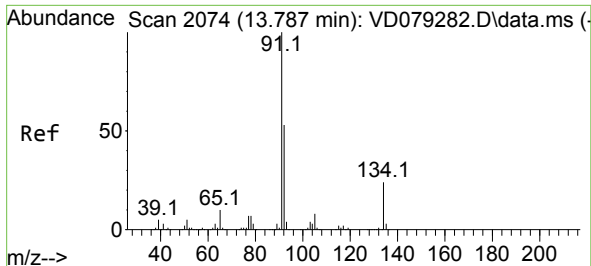
Ion Ratio Lower Upper

146 100

111 42.5 17.5 52.6

148 64.2 31.4 94.2

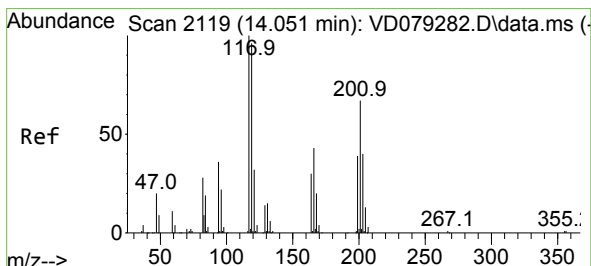
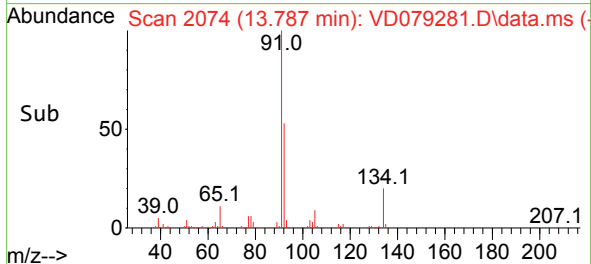
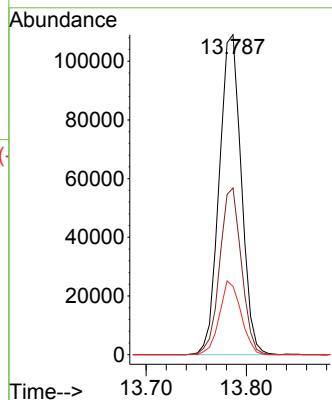
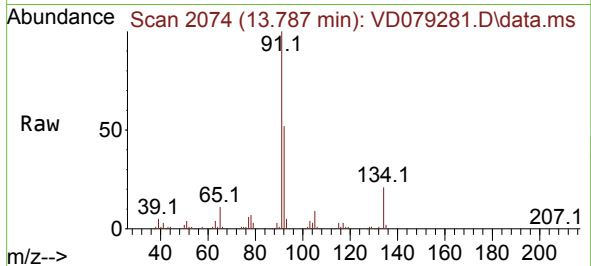




#89
n-Butylbenzene
Concen: 19.306 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

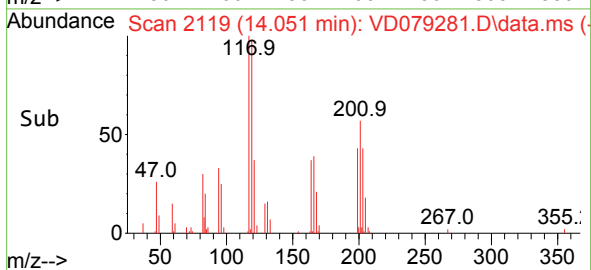
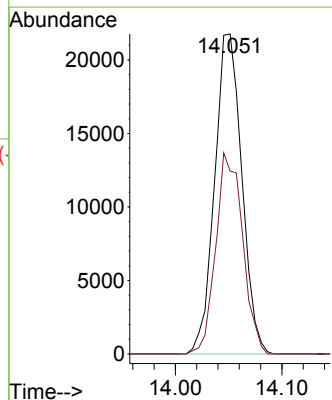
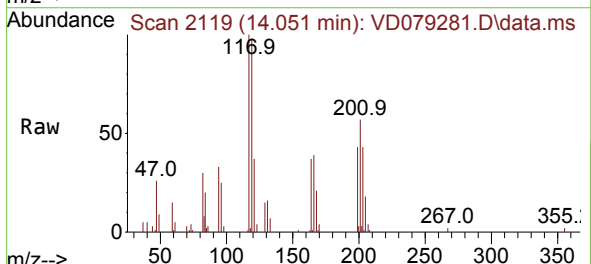
Instrument :
MSVOA_D
ClientSampleId :

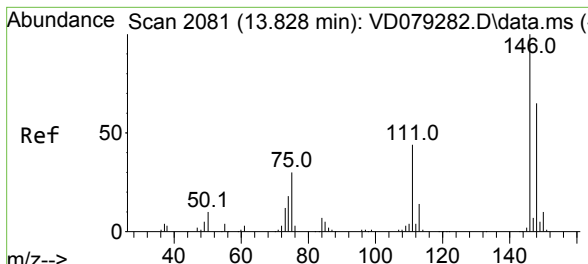
Tgt Ion: 91 Resp: 166389
Ion Ratio Lower Upper
91 100
92 51.3 25.7 77.0
134 22.7 13.6 40.8



#90
Hexachloroethane
Concen: 19.967 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD079281.D
Acq: 28 Jun 2024 14:26

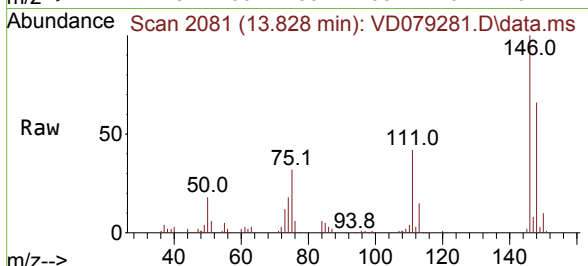
Tgt Ion: 117 Resp: 38572
Ion Ratio Lower Upper
117 100
201 61.7 36.3 108.9



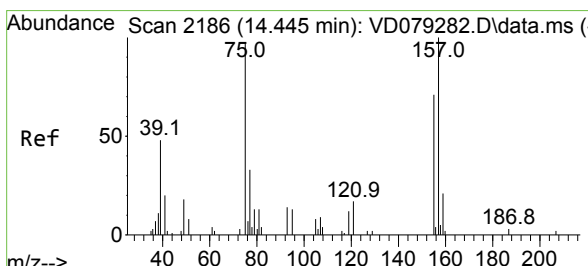
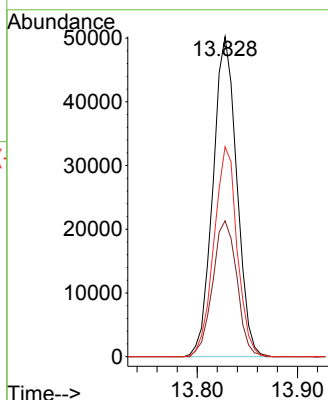
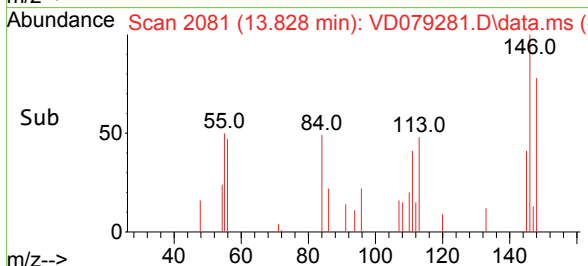


#91
 1,2-Dichlorobenzene
 Concen: 20.625 ug/l
 RT: 13.828 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VD079281.D
 Acq: 28 Jun 2024 14:26

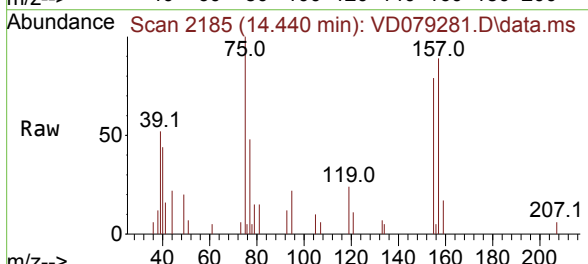
Instrument :
 MSVOA_D
 ClientSampleId :



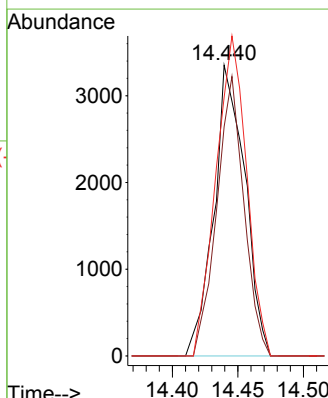
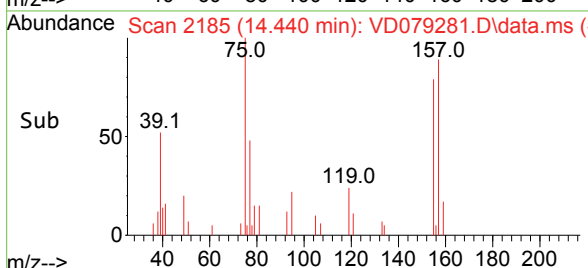
Tgt Ion:146	Resp:	82789
Ion	Ratio	Lower Upper
146	100	
111	43.2	19.1 57.1
148	64.1	31.1 93.5

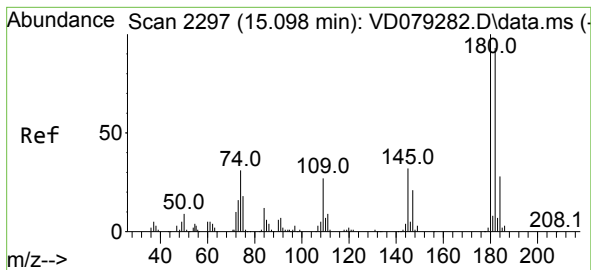


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.790 ug/l
 RT: 14.440 min Scan# 2185
 Delta R.T. -0.006 min
 Lab File: VD079281.D
 Acq: 28 Jun 2024 14:26



Tgt Ion: 75	Resp:	5515
Ion	Ratio	Lower Upper
75	100	
155	84.4	47.7 143.1
157	109.0	63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 19.448 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.006 min

Lab File: VD079281.D

Acq: 28 Jun 2024 14:26

Instrument :

MSVOA_D

ClientSampleId :

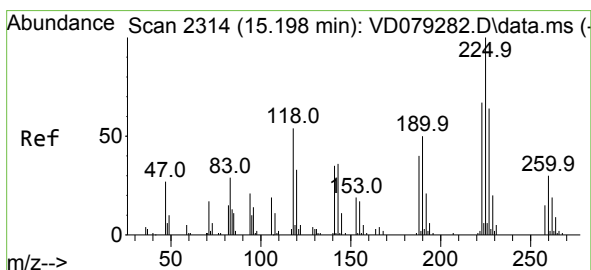
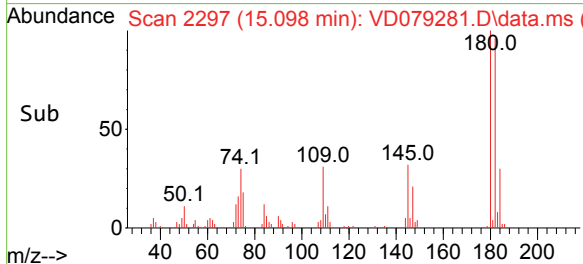
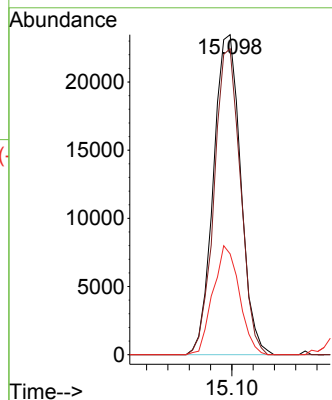
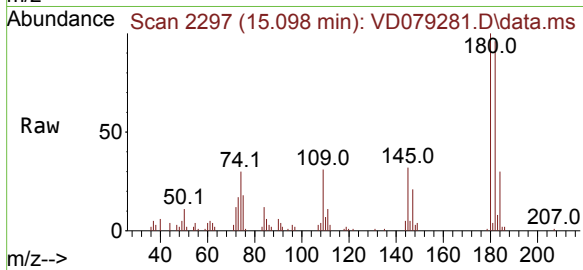
Tgt Ion:180 Resp: 41624

Ion Ratio Lower Upper

180 100

182 92.2 46.9 140.7

145 32.9 14.0 41.9



#94

Hexachlorobutadiene

Concen: 19.268 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.000 min

Lab File: VD079281.D

Acq: 28 Jun 2024 14:26

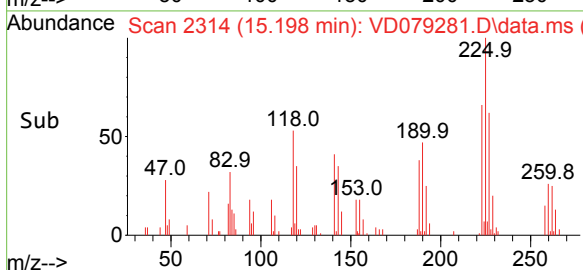
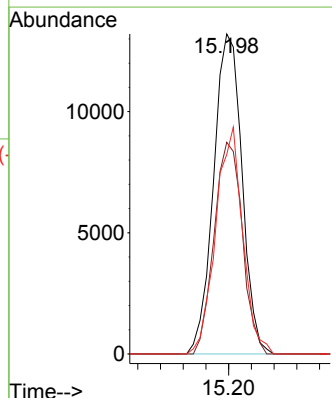
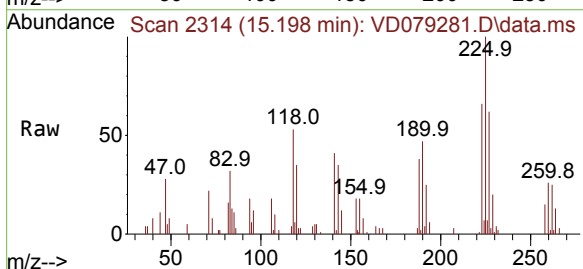
Tgt Ion:225 Resp: 22931

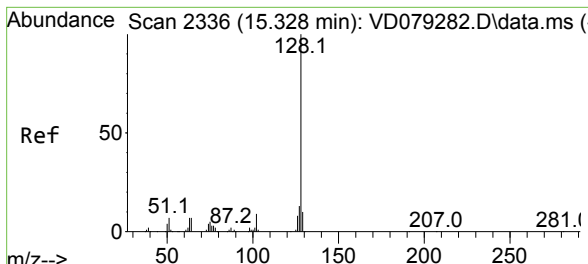
Ion Ratio Lower Upper

225 100

223 65.8 33.3 99.9

227 67.3 33.6 100.6

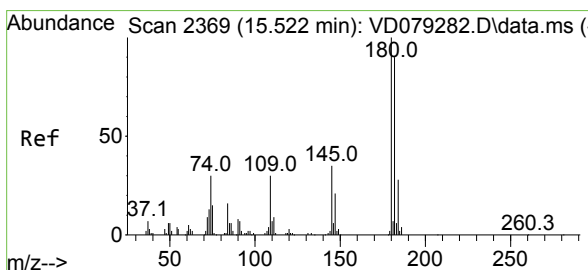
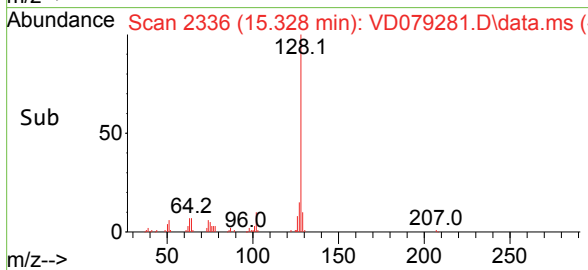
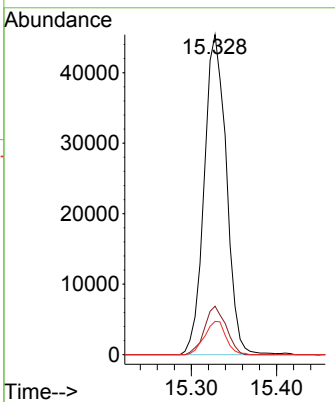
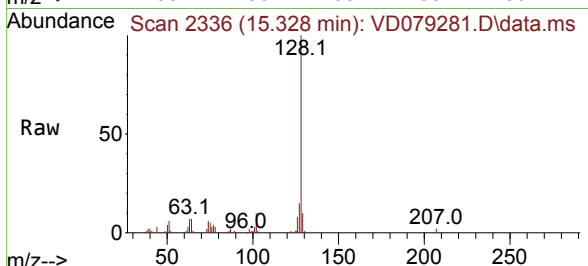




#95
 Naphthalene
 Concen: 19.617 ug/l
 RT: 15.328 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD079281.D
 Acq: 28 Jun 2024 14:26

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:128	Resp:	81950
Ion Ratio	Lower	Upper
128	100	
127	15.1	10.2 15.4
129	10.4	8.5 12.7



#96
 1,2,3-Trichlorobenzene
 Concen: 19.354 ug/l
 RT: 15.510 min Scan# 2367
 Delta R.T. -0.006 min
 Lab File: VD079281.D
 Acq: 28 Jun 2024 14:26

Tgt Ion:180	Resp:	36626
Ion Ratio	Lower	Upper
180	100	
182	98.6	47.8 143.3
145	37.2	16.1 48.2

