

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070224\
 Data File : VD079314.D
 Acq On : 02 Jul 2024 13:02
 Operator : RP/MD
 Sample : VD0702SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0702SBS01

Quant Time: Jul 03 01:20:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	157147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	280523	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	258875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	125117	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	76552	49.797	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.600%
35) Dibromofluoromethane	7.798	113	89754	48.744	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.480%
50) Toluene-d8	10.269	98	299277	45.179	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.360%
62) 4-Bromofluorobenzene	12.569	95	106519	50.146	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.300%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	38316	21.572	ug/l	99
3) Chloromethane	2.146	50	56734	21.065	ug/l	99
4) Vinyl Chloride	2.281	62	71869	23.931	ug/l	100
5) Bromomethane	2.669	94	55646	20.920	ug/l	94
6) Chloroethane	2.828	64	48602	22.814	ug/l	97
7) Trichlorofluoromethane	3.163	101	72724	21.170	ug/l	90
8) Diethyl Ether	3.587	74	20273	20.064	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.958	101	44423	20.814	ug/l	93
10) Methyl Iodide	4.157	142	44513	24.961	ug/l	92
11) Tert butyl alcohol	5.063	59	7707	73.295	ug/l #	85
12) 1,1-Dichloroethene	3.928	96	41988	20.323	ug/l	93
13) Acrolein	3.793	56	21071	101.324	ug/l	97
14) Allyl chloride	4.552	41	54980	20.852	ug/l	87
15) Acrylonitrile	5.252	53	46540	101.054	ug/l	96
16) Acetone	4.016	43	35834	96.077	ug/l	94
17) Carbon Disulfide	4.263	76	143025	19.706	ug/l	99
18) Methyl Acetate	4.552	43	25002	23.074	ug/l	89
19) Methyl tert-butyl Ether	5.316	73	86150	20.352	ug/l	97
20) Methylene Chloride	4.793	84	60502	20.270	ug/l	85
21) trans-1,2-Dichloroethene	5.305	96	47893	20.629	ug/l	83
22) Diisopropyl ether	6.216	45	124433	21.690	ug/l	94
23) Vinyl Acetate	6.152	43	453890	104.509	ug/l #	92
24) 1,1-Dichloroethane	6.110	63	84591	21.032	ug/l	95
25) 2-Butanone	7.081	43	53415	102.799	ug/l	96
26) 2,2-Dichloropropane	7.069	77	68296	21.509	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	51484	20.242	ug/l	84
28) Bromochloromethane	7.422	49	35375	21.094	ug/l #	72
29) Tetrahydrofuran	7.440	42	33675	104.325	ug/l #	84
30) Chloroform	7.593	83	88330	21.289	ug/l	97
31) Cyclohexane	7.881	56	66795	19.995	ug/l	85
32) 1,1,1-Trichloroethane	7.793	97	73055	21.453	ug/l	98
36) 1,1-Dichloropropene	8.004	75	62008	21.675	ug/l	94
37) Ethyl Acetate	7.163	43	25756	23.652	ug/l	97
38) Carbon Tetrachloride	7.987	117	65311	22.481	ug/l	95
39) Methylcyclohexane	9.269	83	68859	20.459	ug/l	90
40) Benzene	8.246	78	187802	21.041	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	11534	19.269	ug/l	95
42) 1,2-Dichloroethane	8.322	62	46184	21.515	ug/l	96
43) Isopropyl Acetate	8.357	43	44499	21.174	ug/l #	84
44) Trichloroethene	9.028	130	41283	20.249	ug/l	70
45) 1,2-Dichloropropane	9.298	63	46132	21.228	ug/l	93
46) Dibromomethane	9.393	93	26117	21.189	ug/l	91
47) Bromodichloromethane	9.581	83	66025	21.890	ug/l #	90
48) Methyl methacrylate	9.381	41	20289	21.396	ug/l	83
49) 1,4-Dioxane	9.387	88	5211	412.583	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	117719	107.636	ug/l	95
52) Toluene	10.334	92	115667	21.287	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	57926	21.266	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	67346	20.606	ug/l	95
55) 1,1,2-Trichloroethane	10.728	97	32808	20.637	ug/l	91
56) Ethyl methacrylate	10.592	69	39794	20.974	ug/l	97
57) 1,3-Dichloropropane	10.875	76	59231	21.792	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	82983	98.125	ug/l	91
59) 2-Hexanone	10.916	43	83314	107.271	ug/l	93
60) Dibromochloromethane	11.069	129	41951	20.905	ug/l	96
61) 1,2-Dibromoethane	11.175	107	31654	21.719	ug/l	93
64) Tetrachloroethene	10.804	164	34264	21.243	ug/l	95
65) Chlorobenzene	11.604	112	123540	21.455	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	41431	21.140	ug/l	98
67) Ethyl Benzene	11.681	91	206959	20.598	ug/l	100
68) m/p-Xylenes	11.792	106	162799	42.007	ug/l	87
69) o-Xylene	12.116	106	71168	20.442	ug/l	81
70) Styrene	12.134	104	131585	21.193	ug/l	95
71) Bromoform	12.292	173	22541	21.208	ug/l #	99
73) Isopropylbenzene	12.416	105	192395	20.685	ug/l	97
74) N-amyl acetate	12.234	43	42815	20.973	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.669	83	41177	21.238	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	48945	39.090	ug/l #	100
77) Bromobenzene	12.698	156	44503	21.270	ug/l	79
78) n-propylbenzene	12.757	91	248060	20.833	ug/l	93
79) 2-Chlorotoluene	12.845	91	139585	20.968	ug/l	90
80) 1,3,5-Trimethylbenzene	12.904	105	165284	20.989	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	14335	21.244	ug/l	99
82) 4-Chlorotoluene	12.945	91	148787	21.273	ug/l	93
83) tert-Butylbenzene	13.163	119	132686	20.800	ug/l	91
84) 1,2,4-Trimethylbenzene	13.210	105	163674	20.765	ug/l	96
85) sec-Butylbenzene	13.339	105	212649	20.951	ug/l	96
86) p-Isopropyltoluene	13.457	119	171169	20.432	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	92121	20.706	ug/l	94
88) 1,4-Dichlorobenzene	13.533	146	92474	20.914	ug/l	96
89) n-Butylbenzene	13.786	91	168825	20.537	ug/l	96
90) Hexachloroethane	14.051	117	36671	19.901	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	80071	20.914	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.439	75	5787	21.771	ug/l	79
93) 1,2,4-Trichlorobenzene	15.092	180	42322	20.731	ug/l	95
94) Hexachlorobutadiene	15.198	225	23804	20.969	ug/l	99
95) Naphthalene	15.328	128	81226	20.384	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	39079	21.649	ug/l	96

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Sat Jun 29 06:28:31 2024
Response via : Initial Calibration

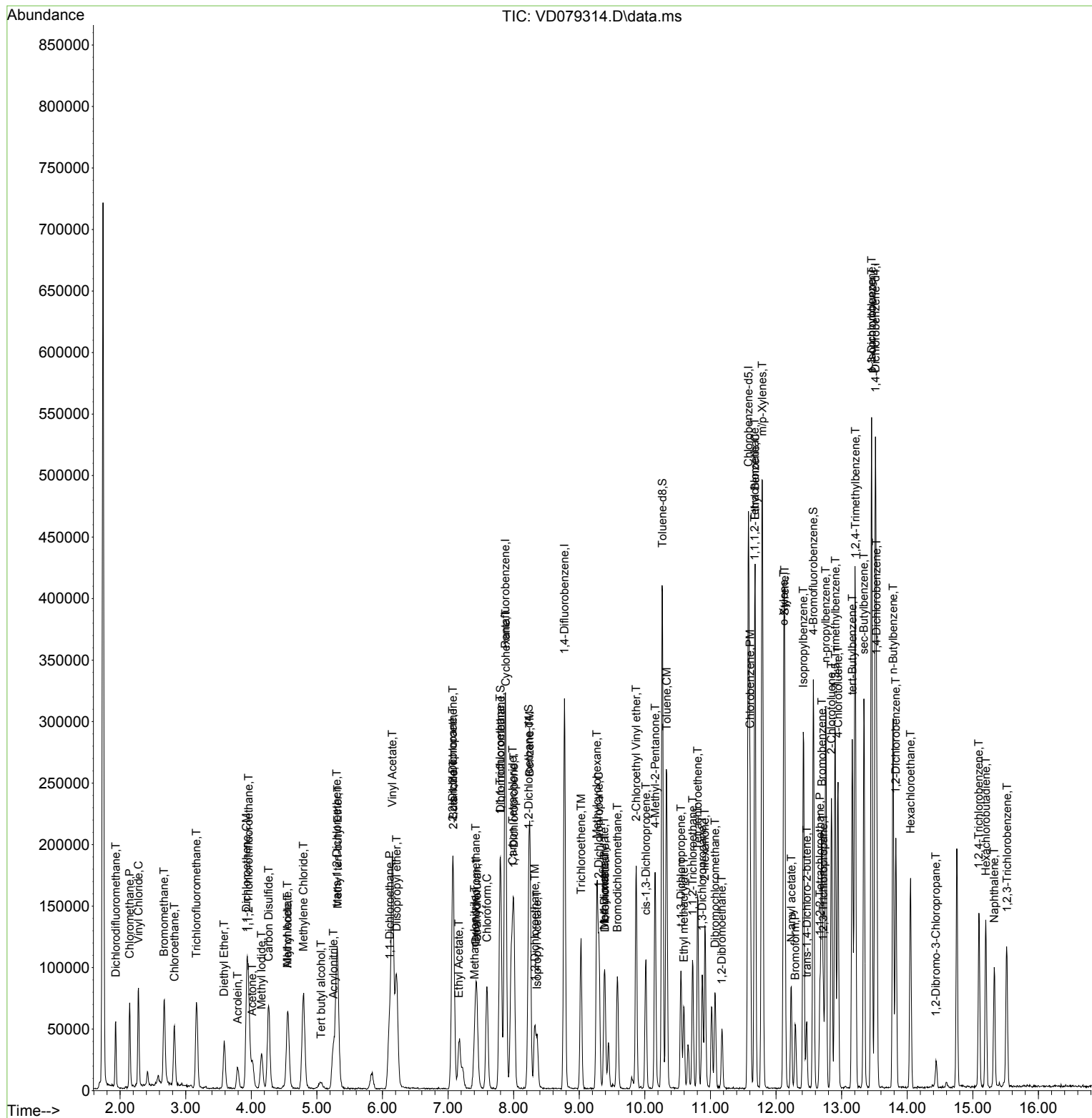
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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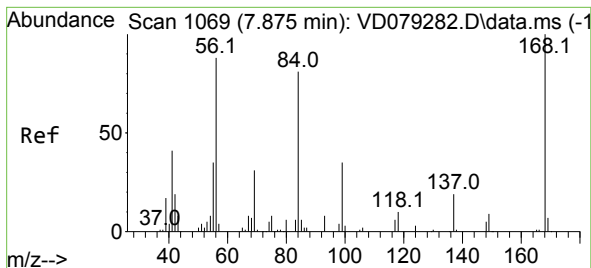
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD079314.D

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Instrument :

MSVOA_D

ClientSampleId :

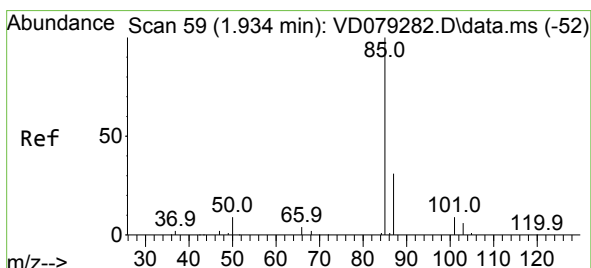
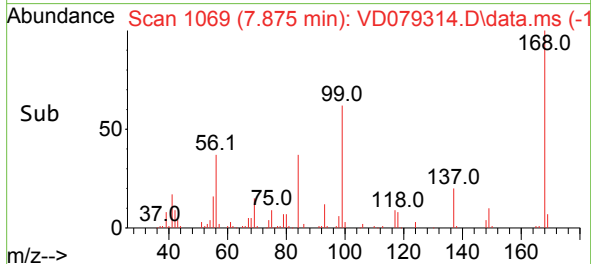
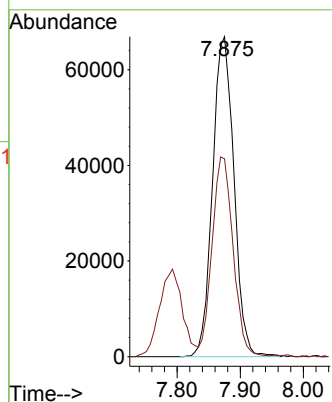
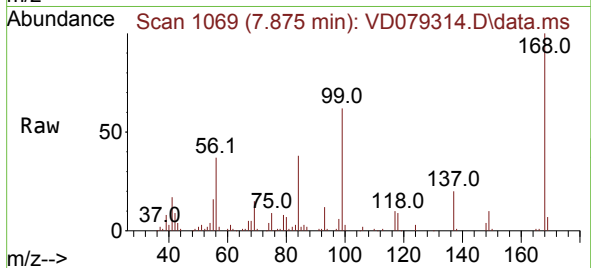
VD0702SBSD01

Tgt Ion:168 Resp: 157147

Ion Ratio Lower Upper

168 100

99 61.5 41.1 61.7



#2

Dichlorodifluoromethane

Concen: 21.572 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.006 min

Lab File: VD079314.D

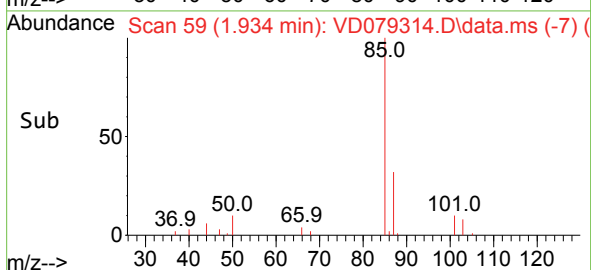
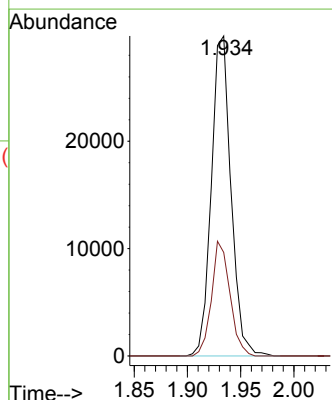
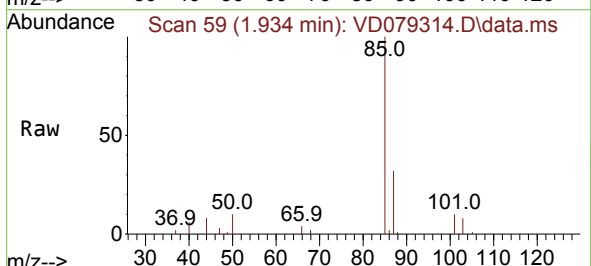
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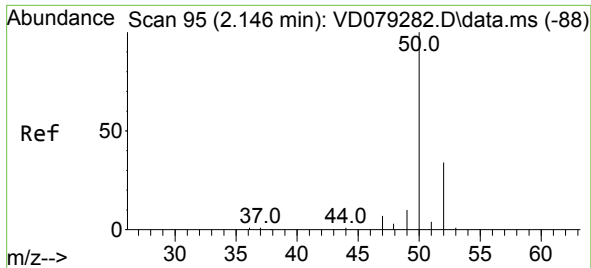
Tgt Ion: 85 Resp: 38316

Ion Ratio Lower Upper

85 100

87 32.4 16.0 48.0

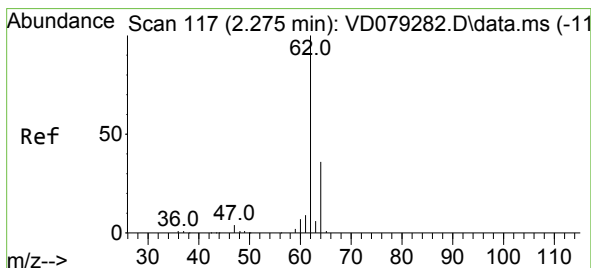
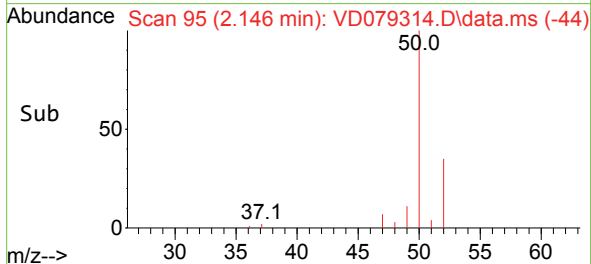
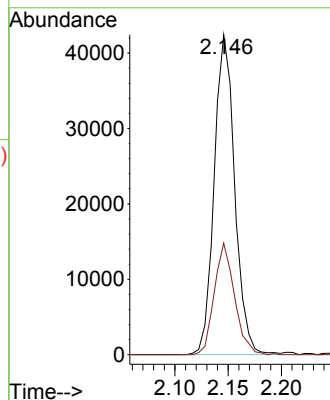
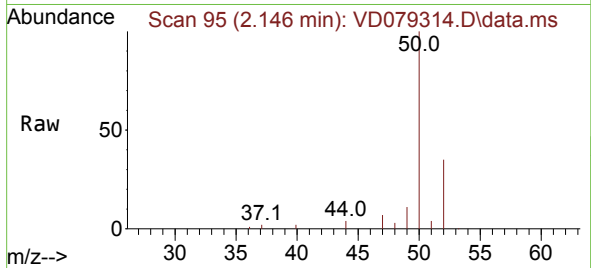




#3
Chloromethane
Concen: 21.065 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

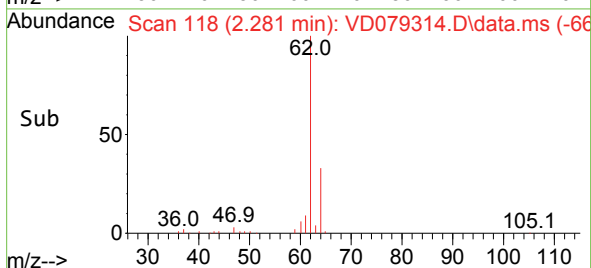
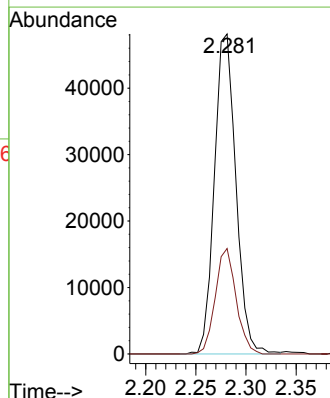
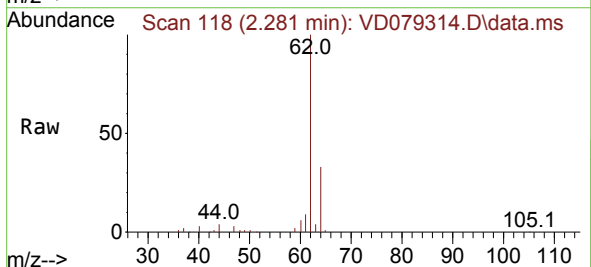
Instrument :
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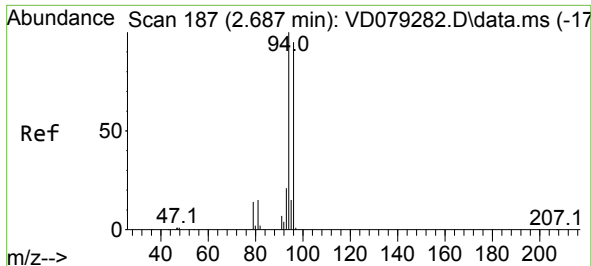
Tgt Ion: 50 Resp: 56734
Ion Ratio Lower Upper
50 100
52 34.9 28.2 42.2



#4
Vinyl Chloride
Concen: 23.931 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.006 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

Tgt Ion: 62 Resp: 71869
Ion Ratio Lower Upper
62 100
64 32.9 26.3 39.5

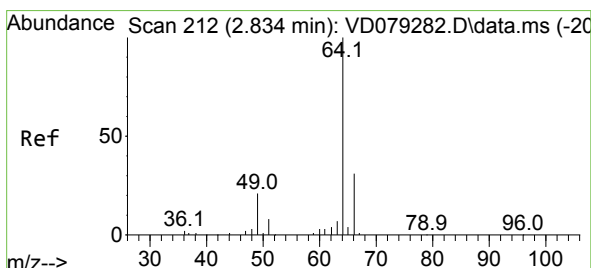
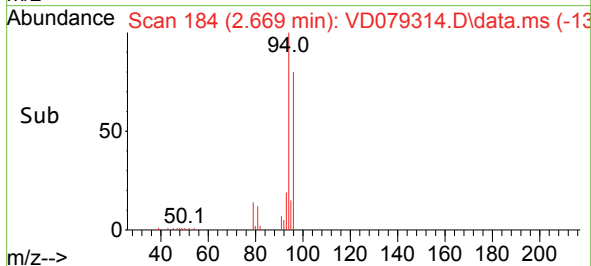
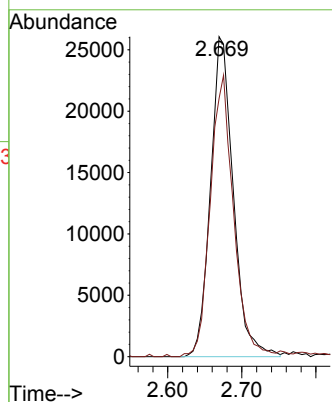
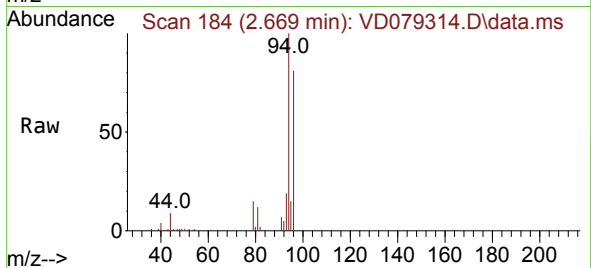




#5
Bromomethane
Concen: 20.920 ug/l
RT: 2.669 min Scan# 11
Delta R.T. 0.011 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

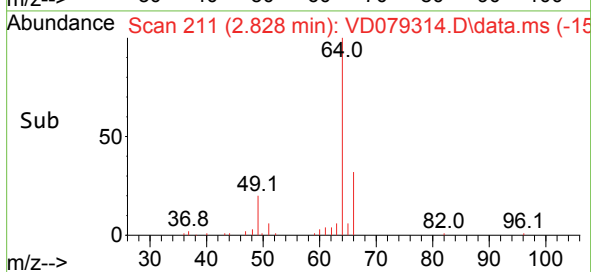
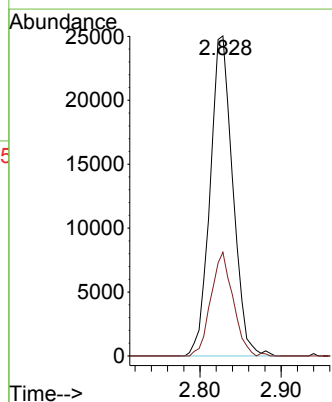
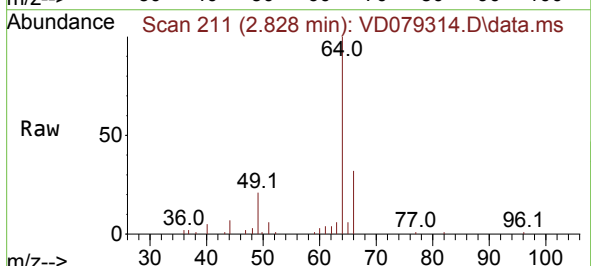
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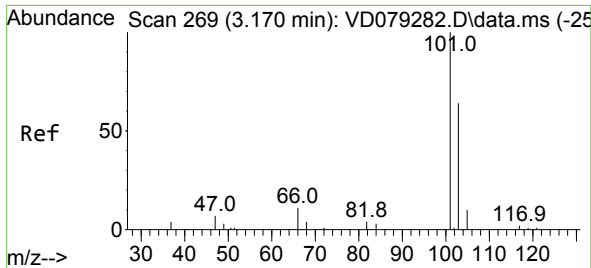
Tgt Ion: 94 Resp: 55646
Ion Ratio Lower Upper
94 100
96 89.8 76.9 115.3



#6
Chloroethane
Concen: 22.814 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.006 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

Tgt Ion: 64 Resp: 48602
Ion Ratio Lower Upper
64 100
66 32.4 24.5 36.7

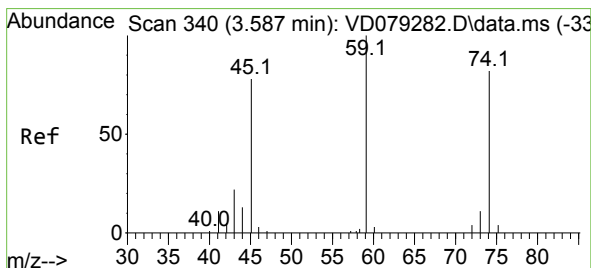
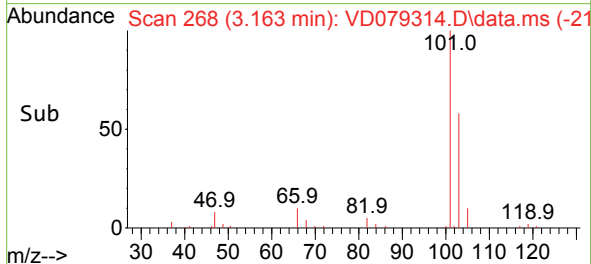
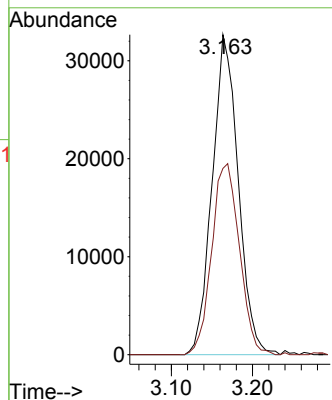
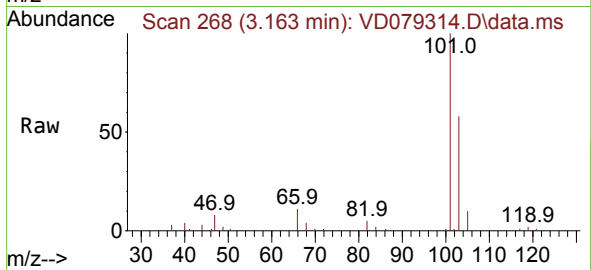




#7
Trichlorofluoromethane
Concen: 21.170 ug/l
RT: 3.163 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

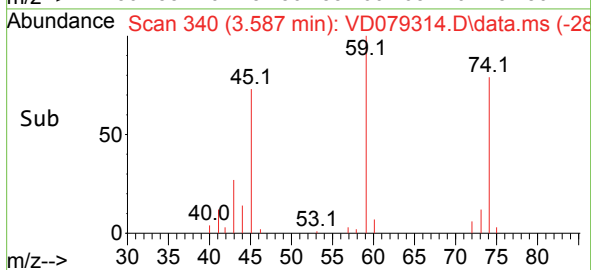
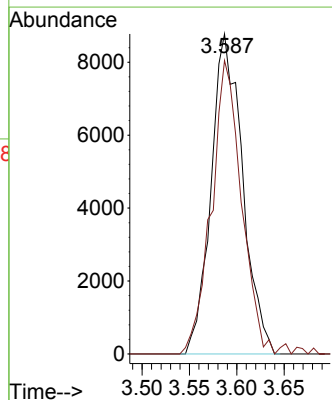
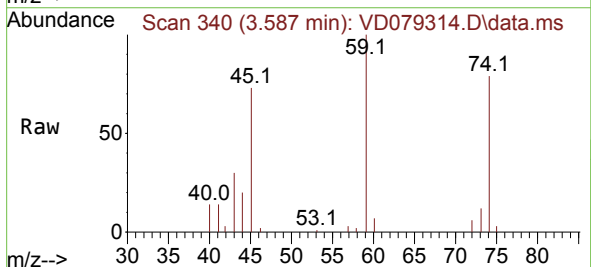
Instrument :
MSVOA_D
ClientSampleId :
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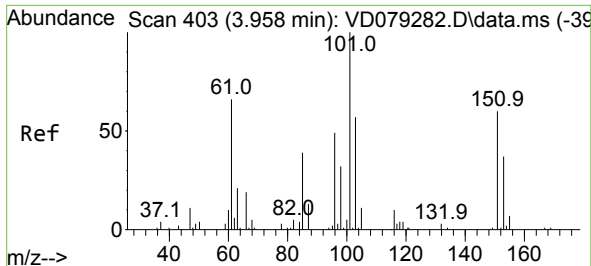
Tgt Ion:101 Resp: 72724
Ion Ratio Lower Upper
101 100
103 58.2 53.2 79.8



#8
Diethyl Ether
Concen: 20.064 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

Tgt Ion: 74 Resp: 20273
Ion Ratio Lower Upper
74 100
45 87.3 37.9 113.6

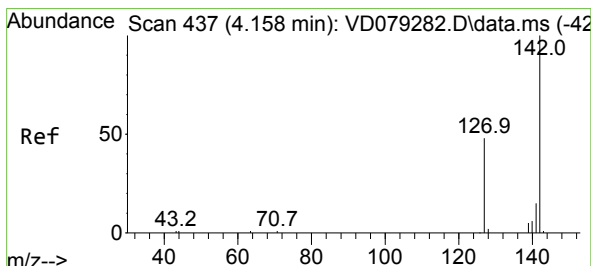
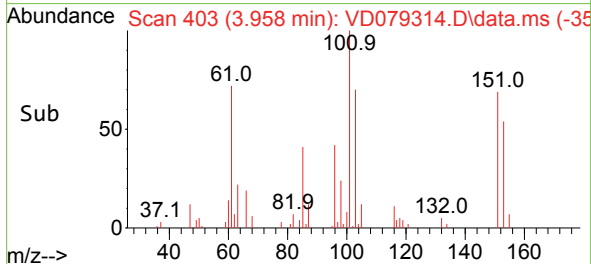
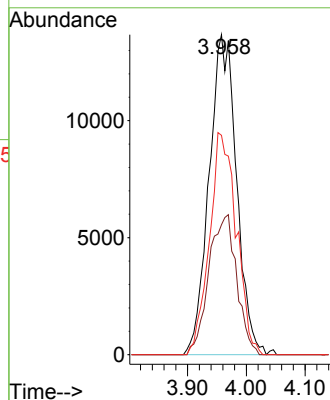
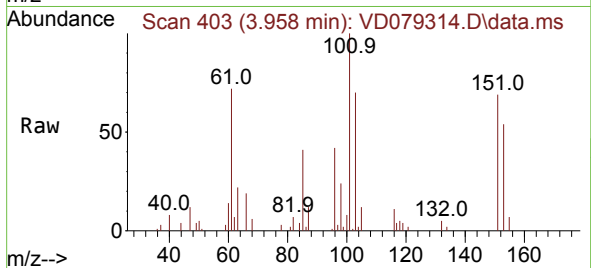




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.814 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

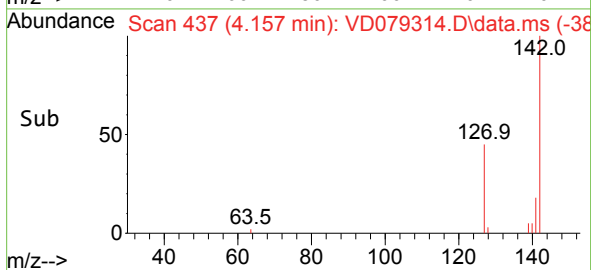
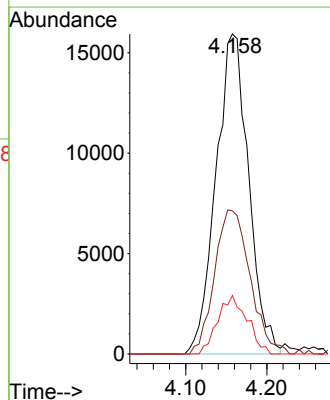
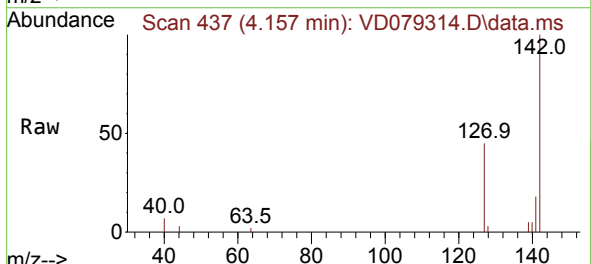
Instrument :
MSVOA_D
ClientSampleId :
VD0702SBSD01

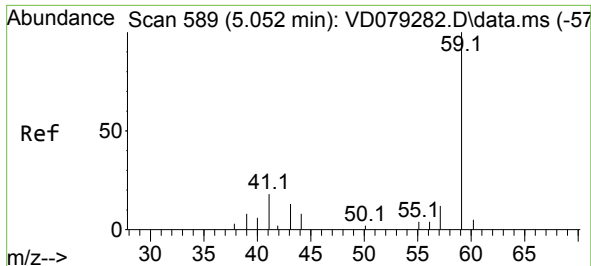
Tgt Ion:101 Resp: 44423
Ion Ratio Lower Upper
101 100
85 44.3 33.5 50.3
151 67.9 60.3 90.5



#10
Methyl Iodide
Concen: 24.961 ug/l
RT: 4.157 min Scan# 437
Delta R.T. -0.001 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

Tgt Ion:142 Resp: 44513
Ion Ratio Lower Upper
142 100
127 49.0 34.2 51.4
141 16.5 11.7 17.5

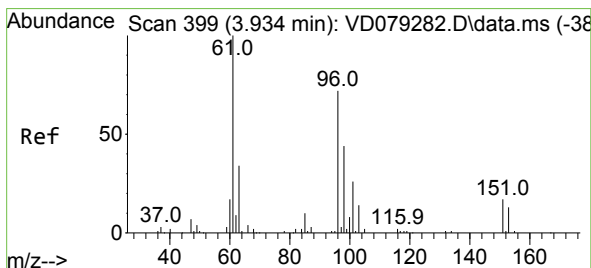
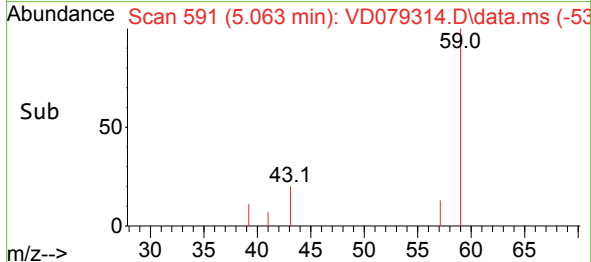
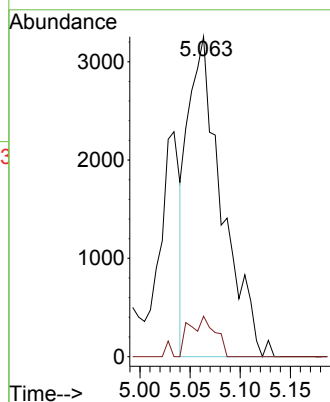
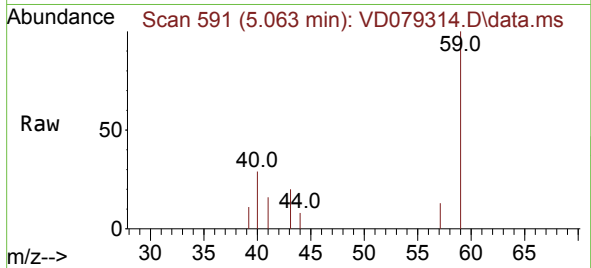




#11
Tert butyl alcohol
Concen: 73.295 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.006 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

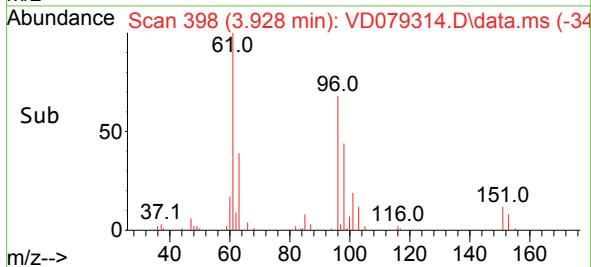
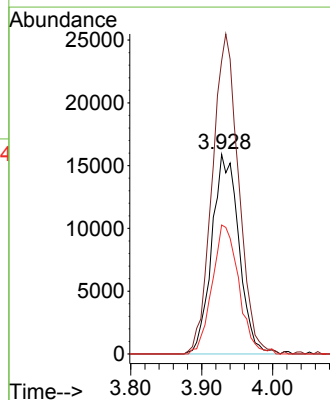
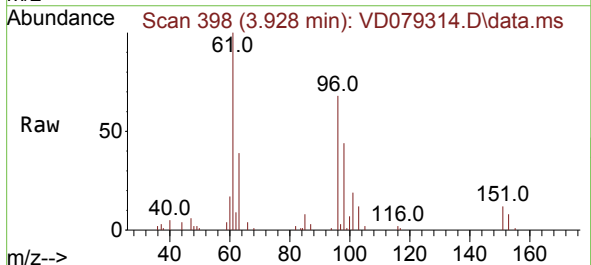
Instrument :
MSVOA_D
ClientSampleId :
VD0702SBSD01

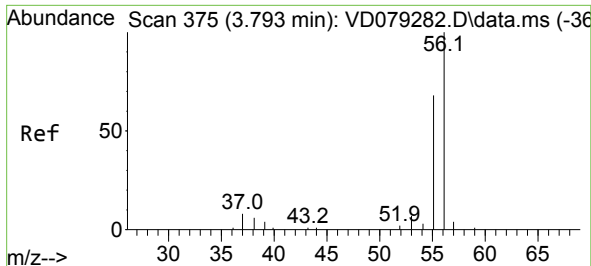
Tgt Ion: 59 Resp: 7707
Ion Ratio Lower Upper
59 100
57 9.6 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 20.323 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.006 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

Tgt Ion: 96 Resp: 41988
Ion Ratio Lower Upper
96 100
61 146.9 107.3 160.9
98 64.7 51.7 77.5

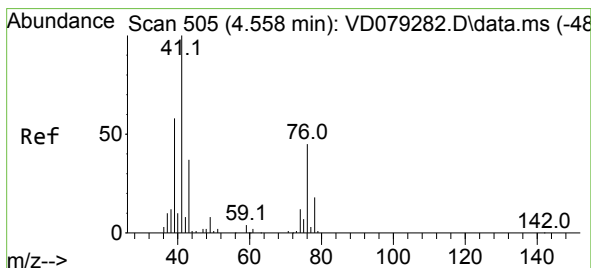
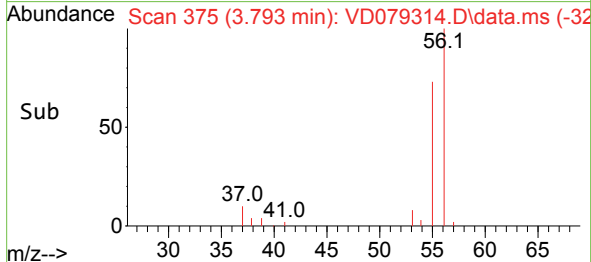
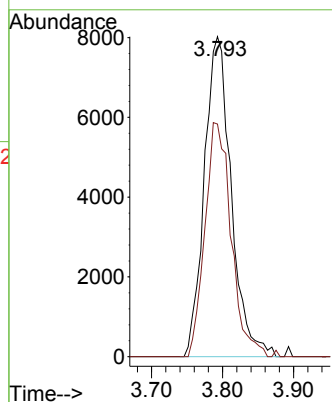
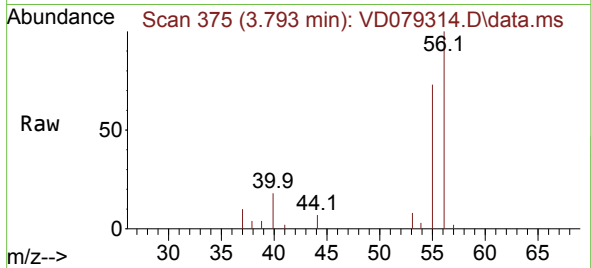




#13
Acrolein
Concen: 101.324 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

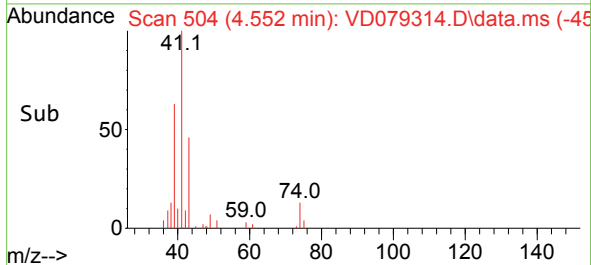
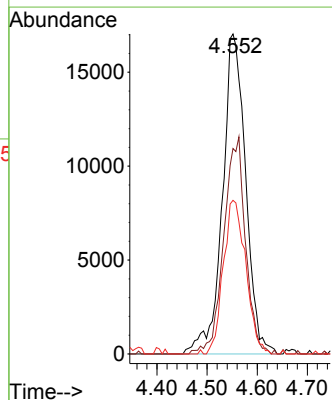
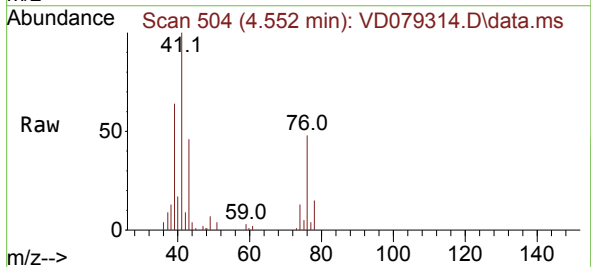
Instrument :
MSVOA_D
ClientSampleId :
VD0702SBSD01

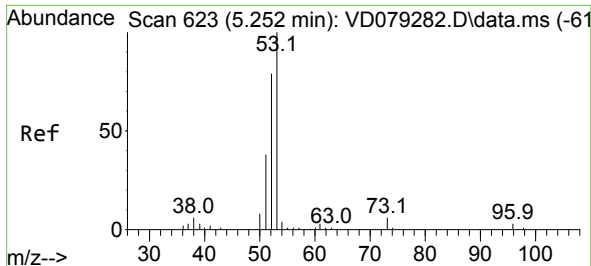
Tgt Ion: 56 Resp: 21071
Ion Ratio Lower Upper
56 100
55 71.3 55.3 82.9



#14
Allyl chloride
Concen: 20.852 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

Tgt Ion: 41 Resp: 54980
Ion Ratio Lower Upper
41 100
39 63.2 58.0 87.0
76 46.5 45.9 68.9

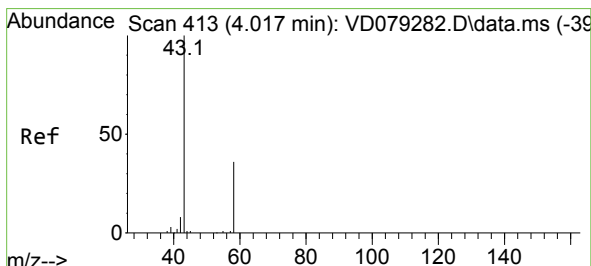
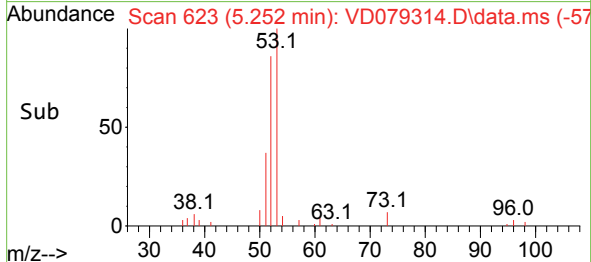
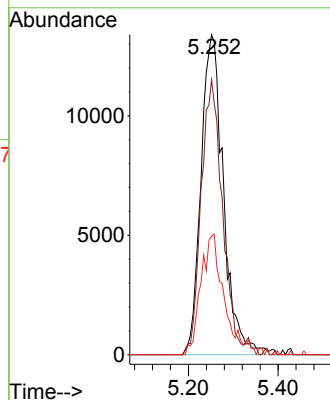
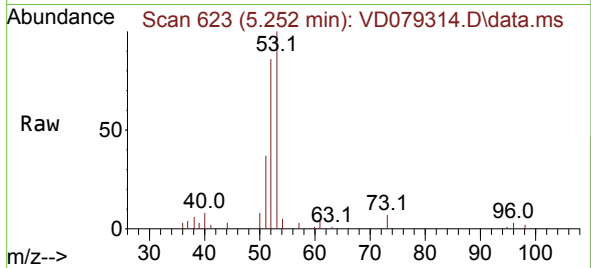




#15
Acrylonitrile
Concen: 101.054 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

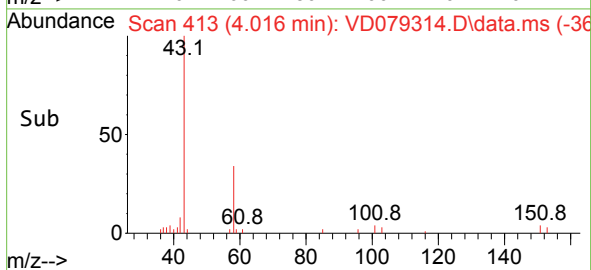
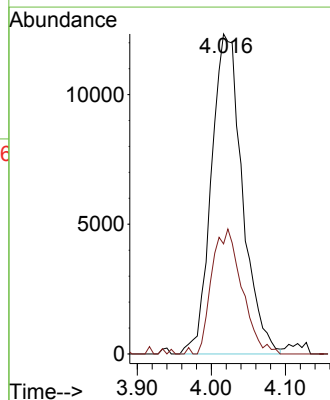
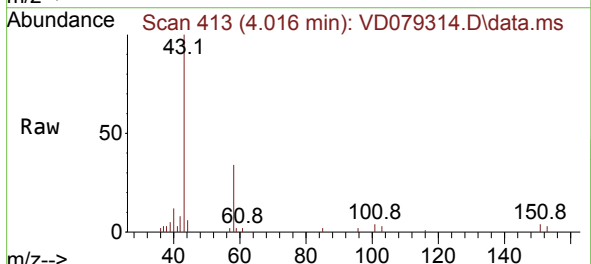
Instrument :
MSVOA_D
ClientSampleId :
VD0702SBSD01

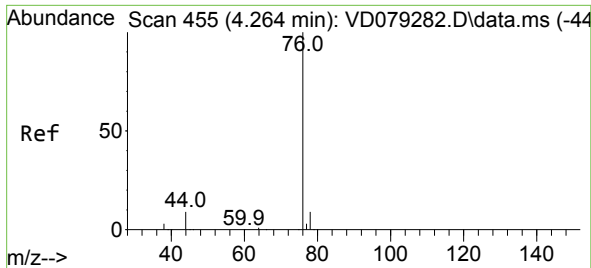
Tgt Ion: 53 Resp: 46540
Ion Ratio Lower Upper
53 100
52 80.8 67.7 101.5
51 38.7 28.6 42.8



#16
Acetone
Concen: 96.077 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

Tgt Ion: 43 Resp: 35834
Ion Ratio Lower Upper
43 100
58 34.4 30.4 45.6

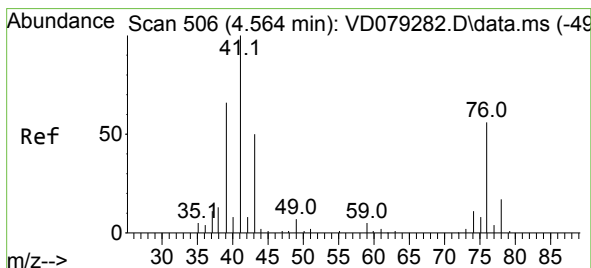
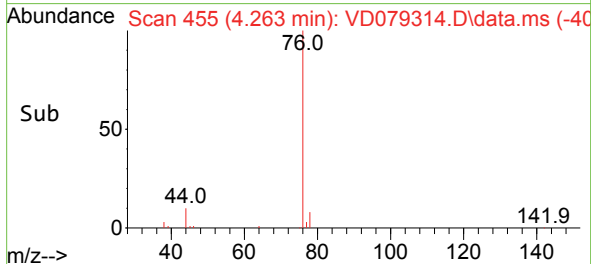
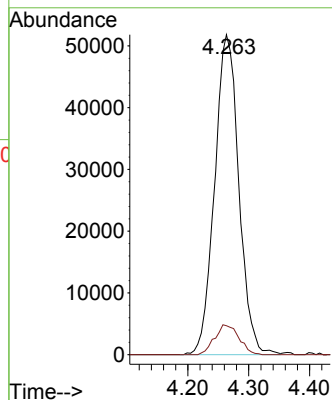
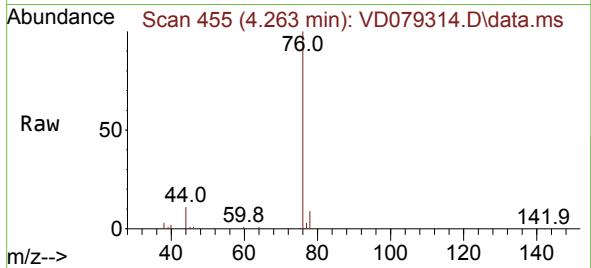




#17
Carbon Disulfide
Concen: 19.706 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

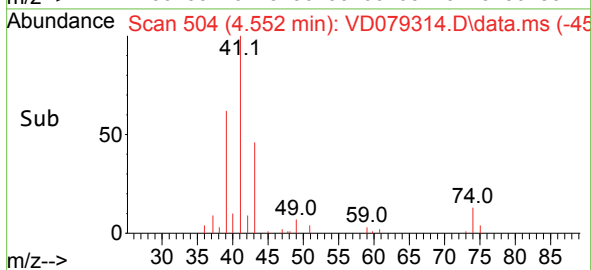
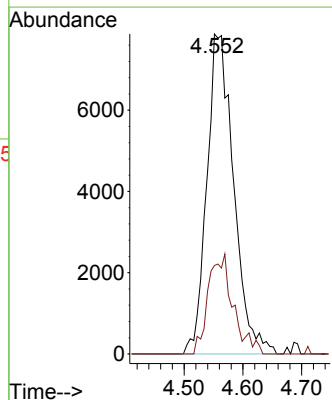
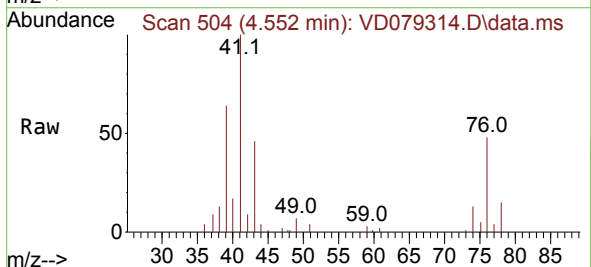
Instrument :
MSVOA_D
ClientSampleId :
VD0702SBSD01

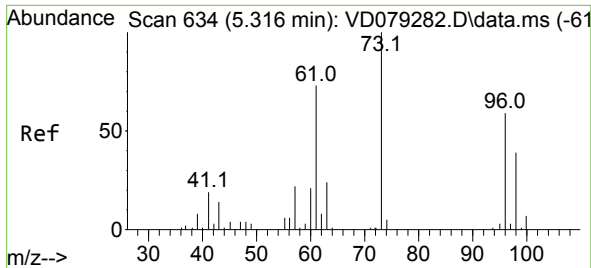
Tgt Ion: 76 Resp: 143025
Ion Ratio Lower Upper
76 100
78 9.0 6.9 10.3



#18
Methyl Acetate
Concen: 23.074 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.006 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

Tgt Ion: 43 Resp: 25002
Ion Ratio Lower Upper
43 100
74 28.8 28.1 42.1





#19

Methyl tert-butyl Ether

Concen: 20.352 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD079314.D

Acq: 02 Jul 2024 13:02

Instrument :

MSVOA_D

ClientSampleId :

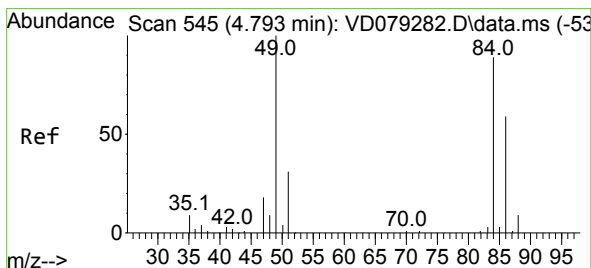
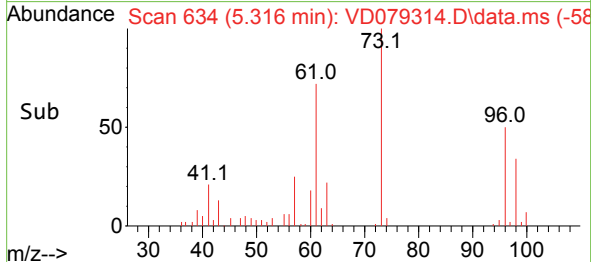
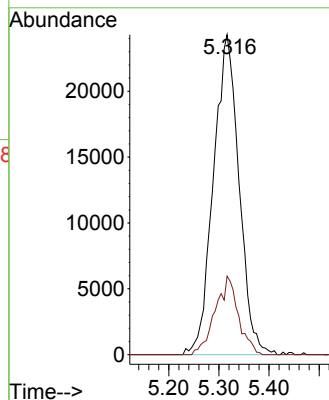
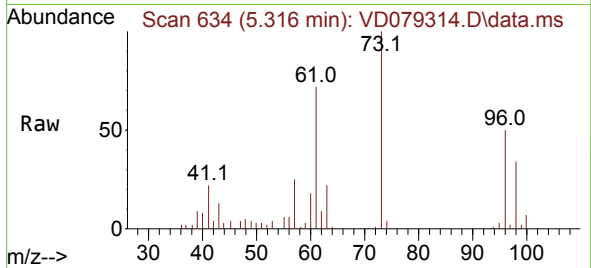
VD0702SBS01

Tgt Ion: 73 Resp: 86150

Ion Ratio Lower Upper

73 100

57 24.6 18.3 27.5



#20

Methylene Chloride

Concen: 20.270 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.000 min

Lab File: VD079314.D

Acq: 02 Jul 2024 13:02

Tgt Ion: 84 Resp: 60502

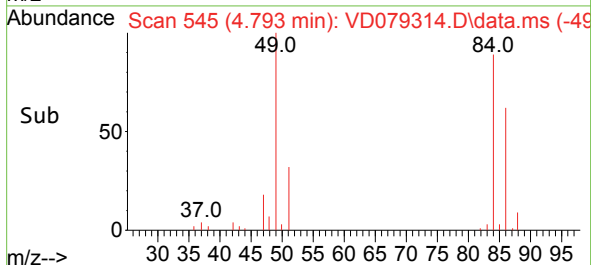
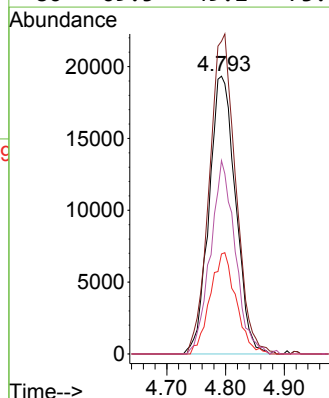
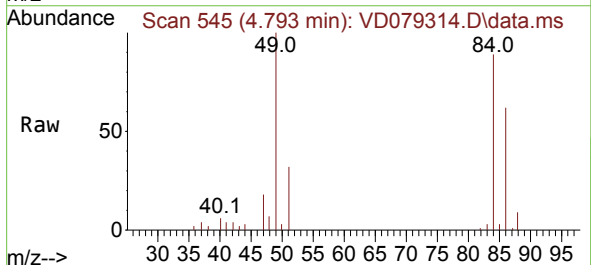
Ion Ratio Lower Upper

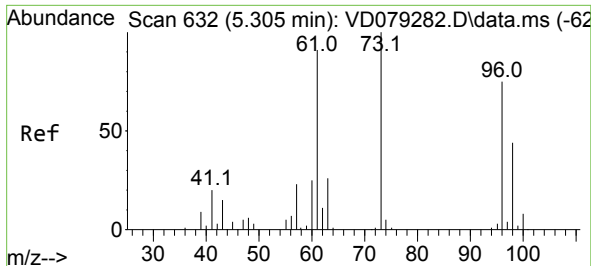
84 100

49 112.5 75.6 113.4

51 36.0 24.2 36.2

86 69.5 49.2 73.8

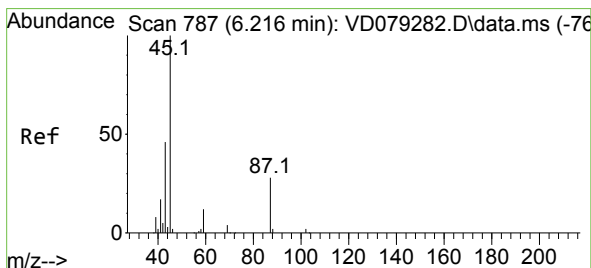
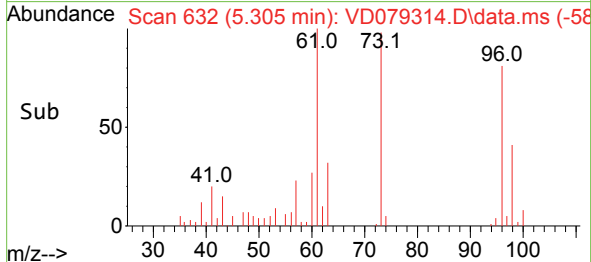
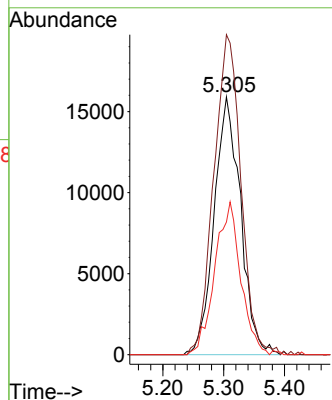
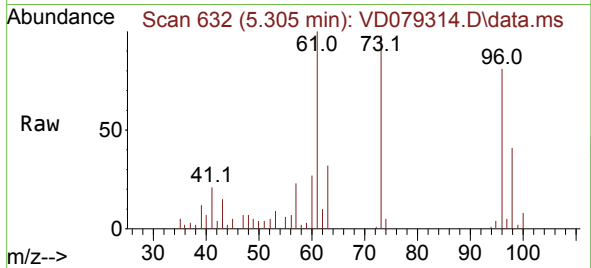




#21
trans-1,2-Dichloroethene
Concen: 20.629 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

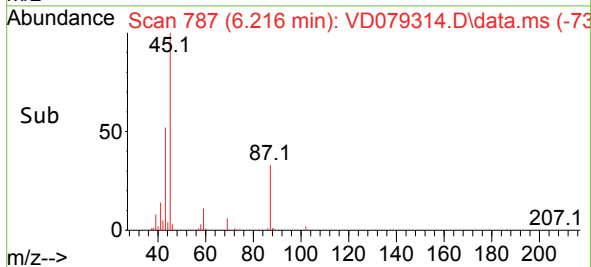
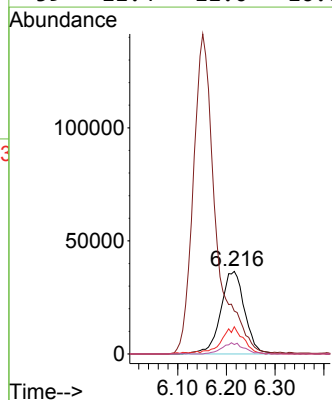
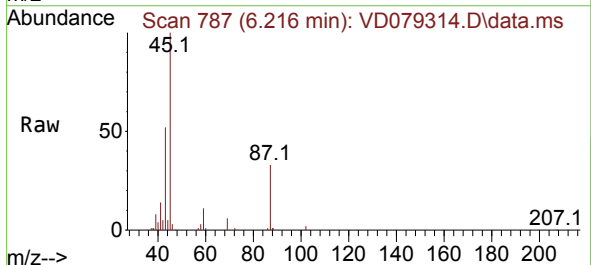
Instrument :
MSVOA_D
ClientSampleId :
VD0702SBSD01

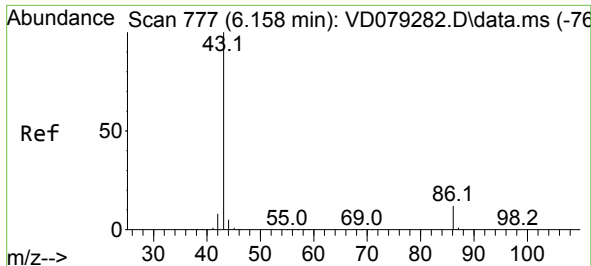
Tgt Ion: 96 Resp: 47893
Ion Ratio Lower Upper
96 100
61 124.1 84.5 126.7
98 51.5 50.5 75.7



#22
Diisopropyl ether
Concen: 21.690 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

Tgt Ion: 45 Resp: 124433
Ion Ratio Lower Upper
45 100
43 49.8 41.7 62.5
87 32.5 30.2 45.2
59 11.4 11.0 16.6

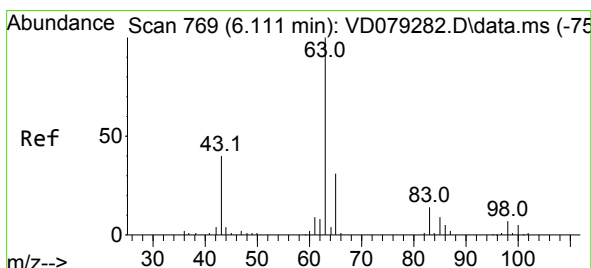
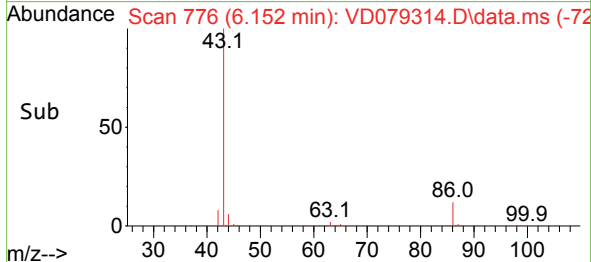
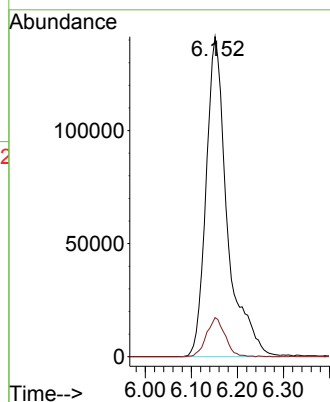
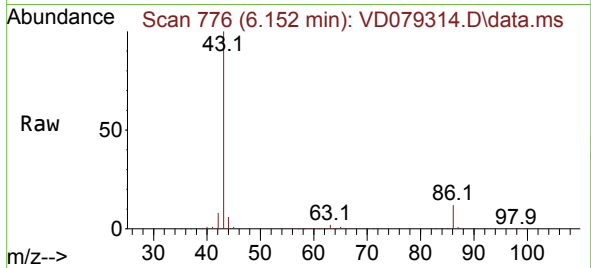




#23
 Vinyl Acetate
 Concen: 104.509 ug/l
 RT: 6.152 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD079314.D
 Acq: 02 Jul 2024 13:02

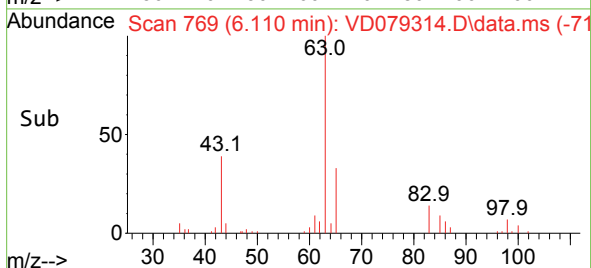
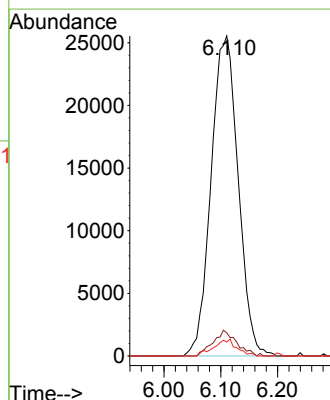
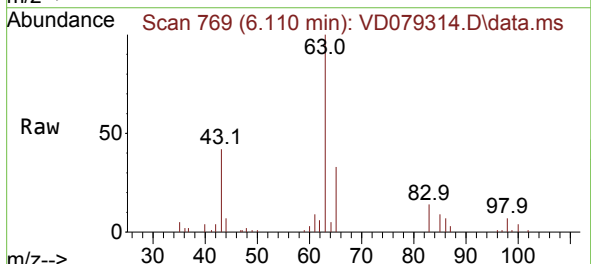
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0702SBSD01

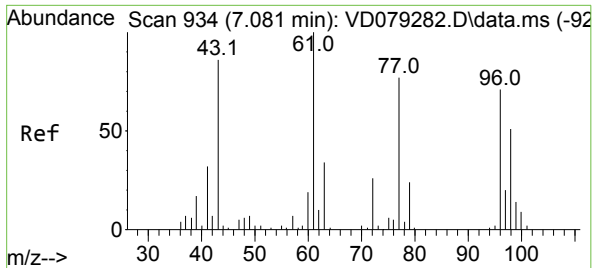
Tgt Ion: 43 Resp: 453890
 Ion Ratio Lower Upper
 43 100
 86 12.2 12.3 18.5#



#24
 1,1-Dichloroethane
 Concen: 21.032 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD079314.D
 Acq: 02 Jul 2024 13:02

Tgt Ion: 63 Resp: 84591
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.7 14.0
 100 4.4 2.9 8.6

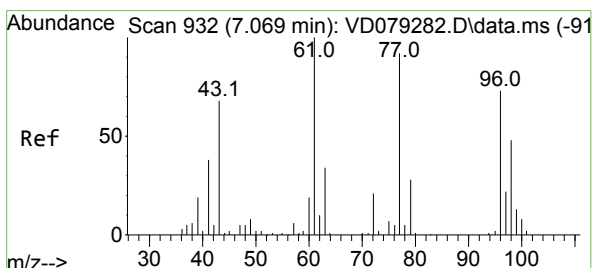
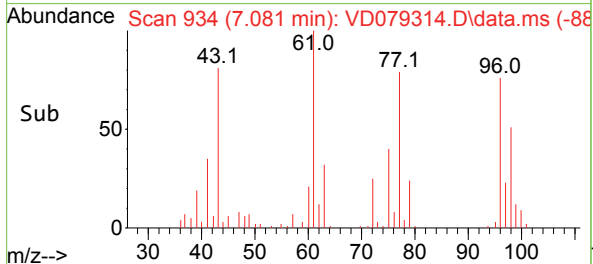
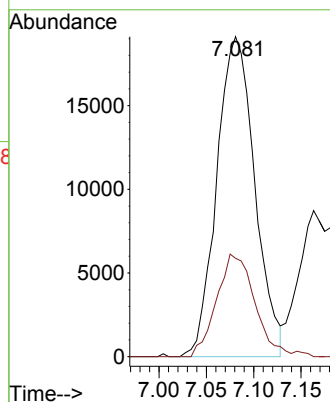
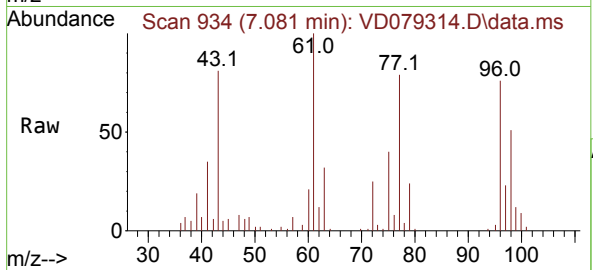




#25
2-Butanone
Concen: 102.799 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

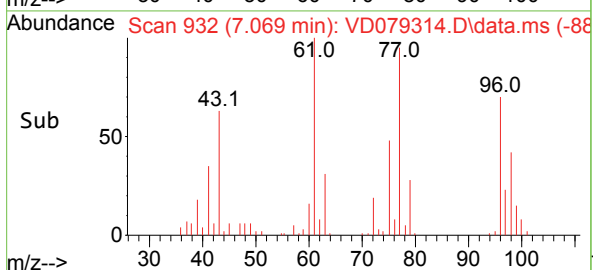
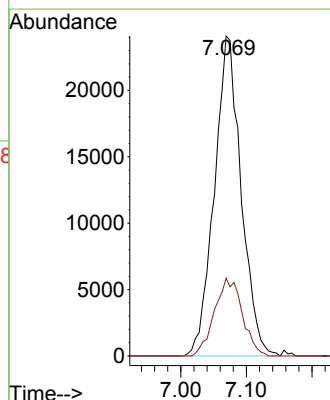
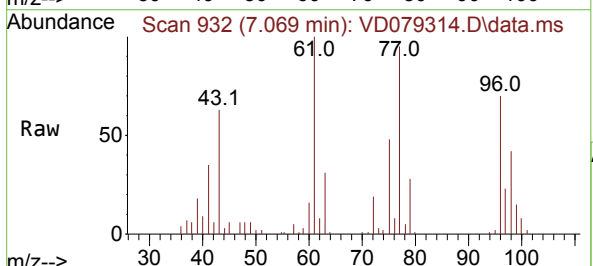
Instrument :
MSVOA_D
ClientSampleId :
VD0702SBSD01

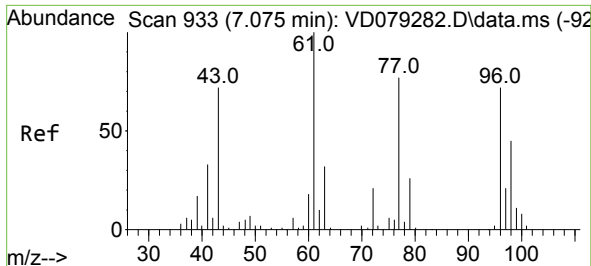
Tgt Ion: 43 Resp: 53415
Ion Ratio Lower Upper
43 100
72 30.8 26.4 39.6



#26
2,2-Dichloropropane
Concen: 21.509 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

Tgt Ion: 77 Resp: 68296
Ion Ratio Lower Upper
77 100
97 25.2 12.4 37.2

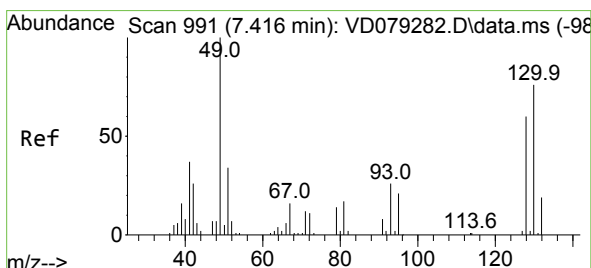
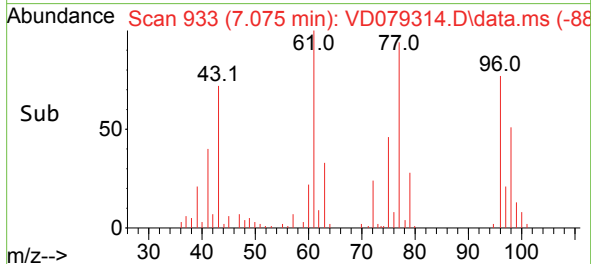
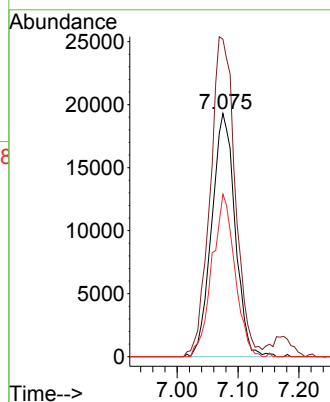
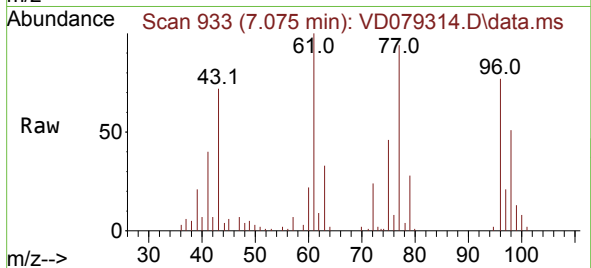




#27
 cis-1,2-Dichloroethene
 Concen: 20.242 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD079314.D
 Acq: 02 Jul 2024 13:02

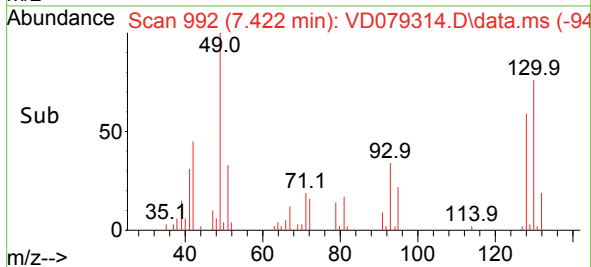
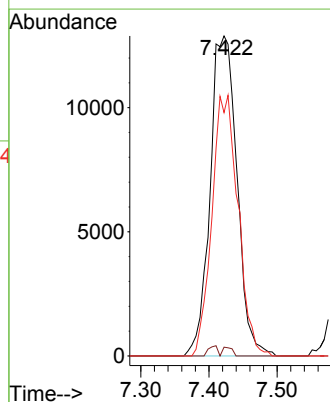
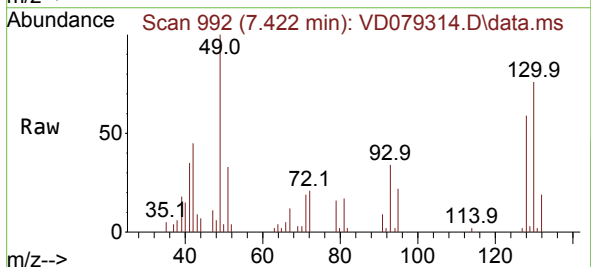
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0702SBSD01

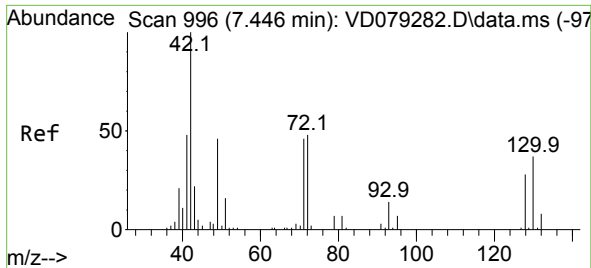
Tgt Ion: 96 Resp: 51484
 Ion Ratio Lower Upper
 96 100
 61 140.9 0.0 229.0
 98 65.3 0.0 127.2



#28
 Bromochloromethane
 Concen: 21.094 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.000 min
 Lab File: VD079314.D
 Acq: 02 Jul 2024 13:02

Tgt Ion: 49 Resp: 35375
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 7.0
 130 79.1 87.7 131.5#





#29

Tetrahydrofuran

Concen: 104.325 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD079314.D

Acq: 02 Jul 2024 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD0702SBSD01

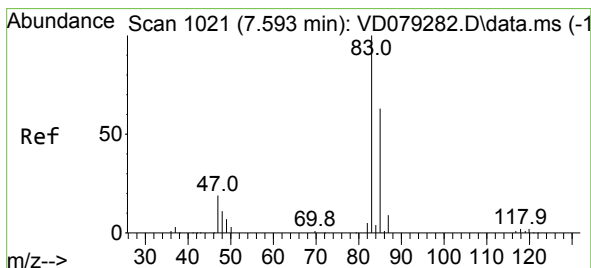
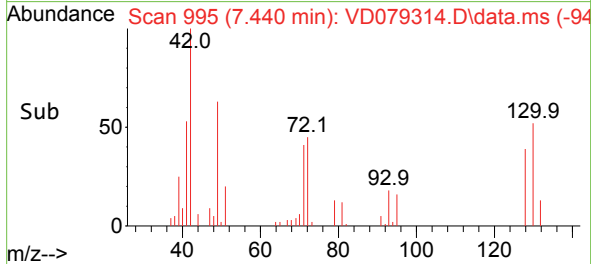
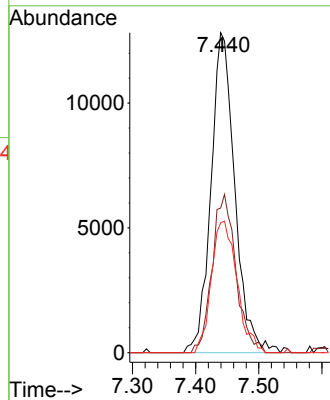
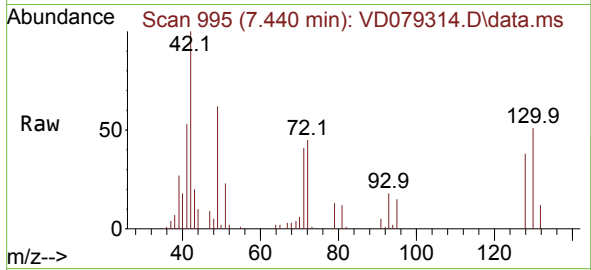
Tgt Ion: 42 Resp: 33675

Ion Ratio Lower Upper

42 100

72 49.4 49.4 74.0

71 44.0 45.0 67.6#



#30

Chloroform

Concen: 21.289 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD079314.D

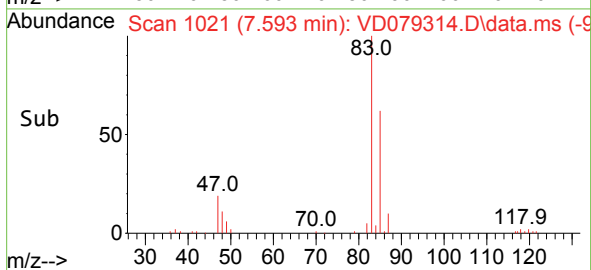
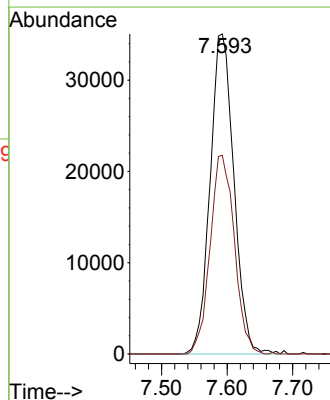
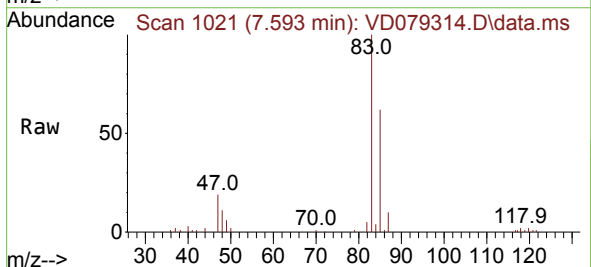
Acq: 02 Jul 2024 13:02

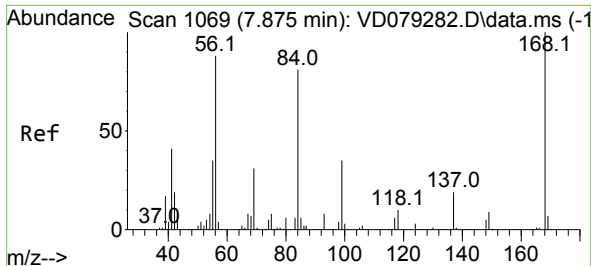
Tgt Ion: 83 Resp: 88330

Ion Ratio Lower Upper

83 100

85 62.1 51.8 77.6





#31

Cyclohexane

Concen: 19.995 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD079314.D

Acq: 02 Jul 2024 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD0702SBSD01

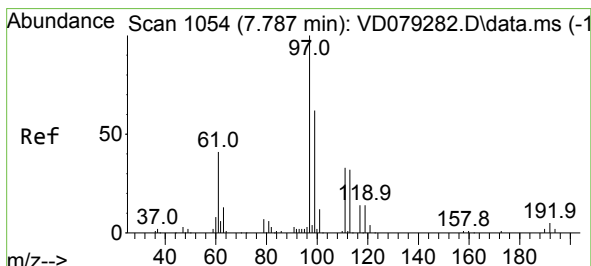
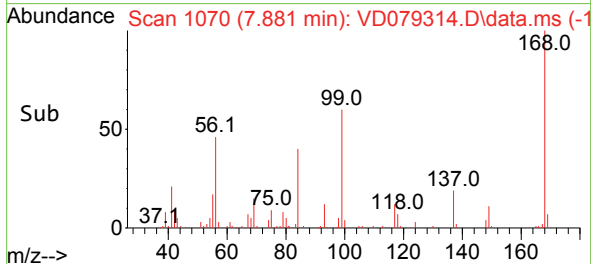
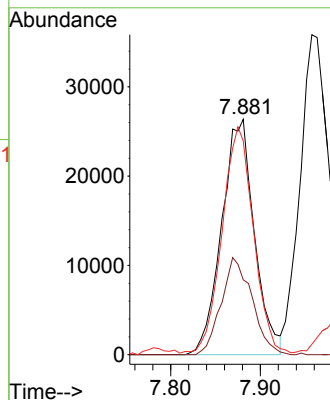
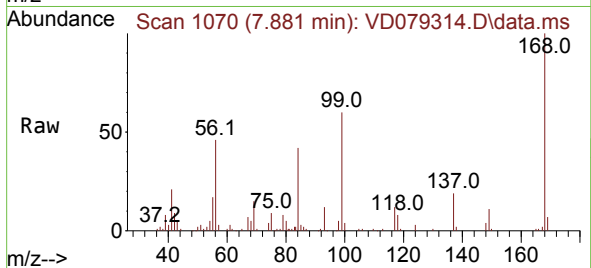
Tgt Ion: 56 Resp: 66795

Ion Ratio Lower Upper

56 100

69 31.8 28.0 42.0

84 90.1 87.4 131.0



#32

1,1,1-Trichloroethane

Concen: 21.453 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VD079314.D

Acq: 02 Jul 2024 13:02

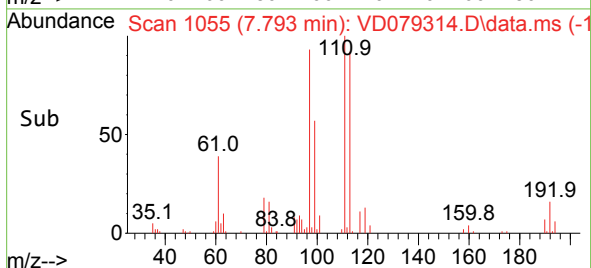
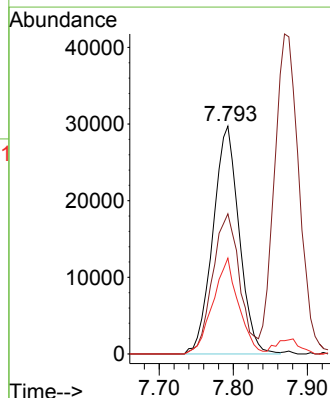
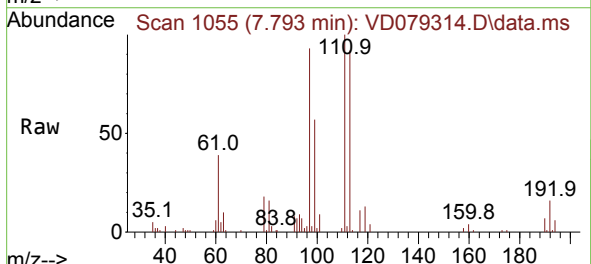
Tgt Ion: 97 Resp: 73055

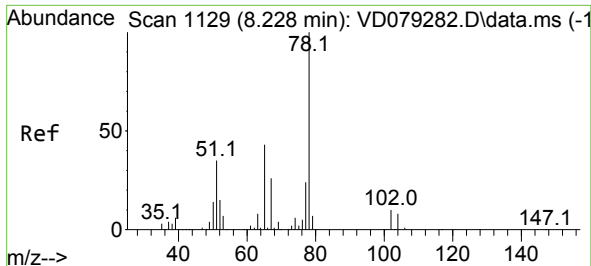
Ion Ratio Lower Upper

97 100

99 63.8 51.3 76.9

61 41.4 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 49.797 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079314.D

Acq: 02 Jul 2024 13:02

Instrument :

MSVOA_D

ClientSampleId :

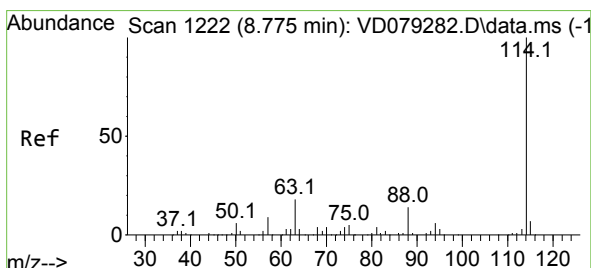
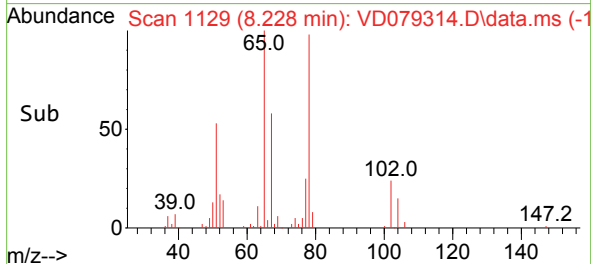
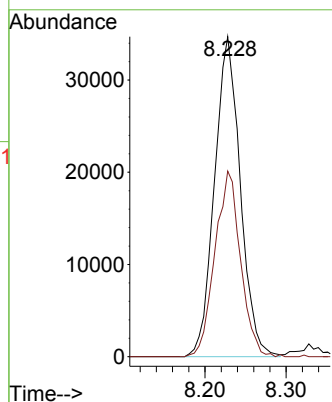
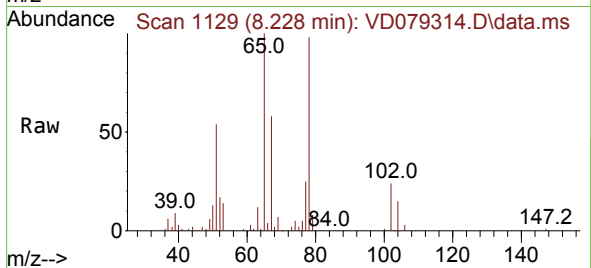
VD0702SBSD01

Tgt Ion: 65 Resp: 76552

Ion Ratio Lower Upper

65 100

67 57.6 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: VD079314.D

Acq: 02 Jul 2024 13:02

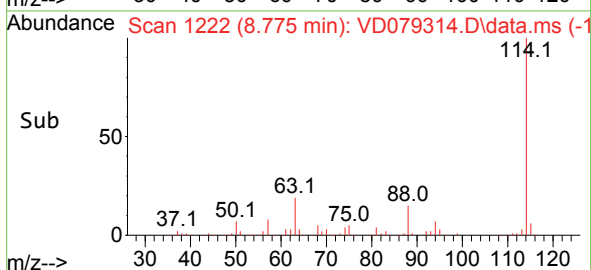
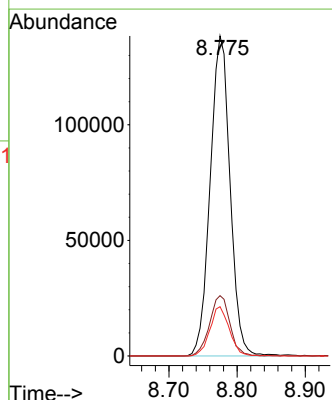
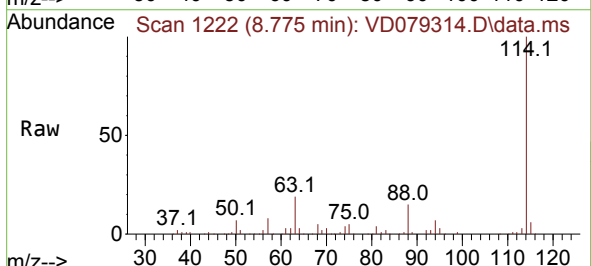
Tgt Ion: 114 Resp: 280523

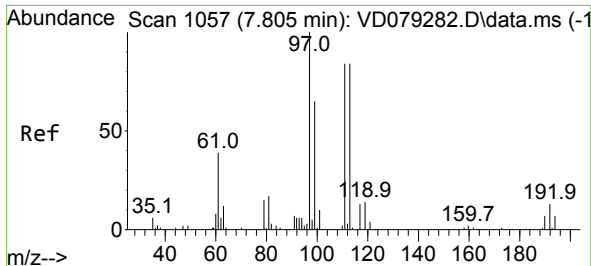
Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.0

88 15.4 0.0 27.2





#35

Dibromofluoromethane

Concen: 48.744 ug/l

RT: 7.798 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD079314.D

Acq: 02 Jul 2024 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD0702SBSD01

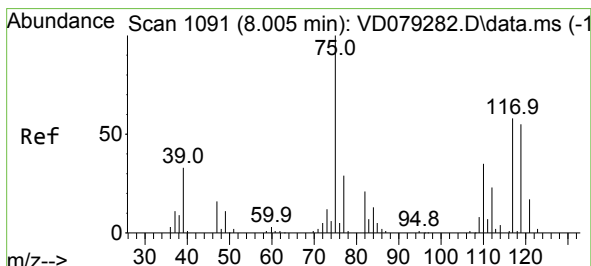
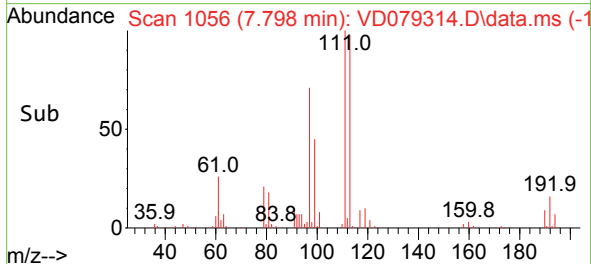
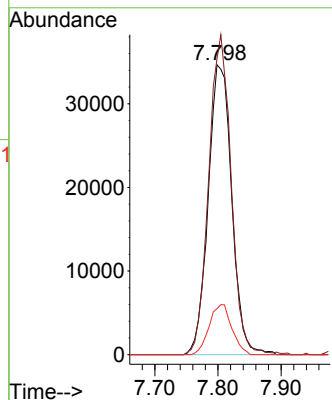
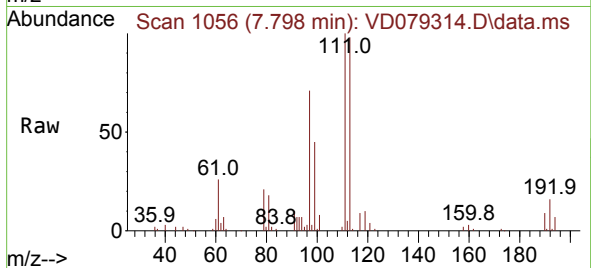
Tgt Ion:113 Resp: 89754

Ion Ratio Lower Upper

113 100

111 105.1 84.0 126.0

192 16.6 15.4 23.0



#36

1,1-Dichloropropene

Concen: 21.675 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VD079314.D

Acq: 02 Jul 2024 13:02

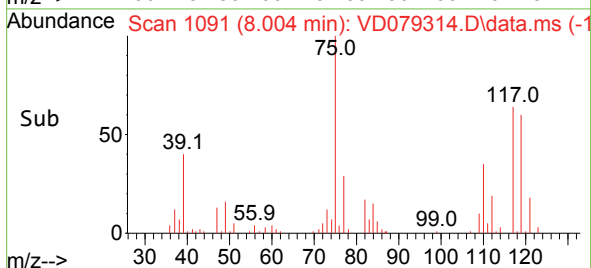
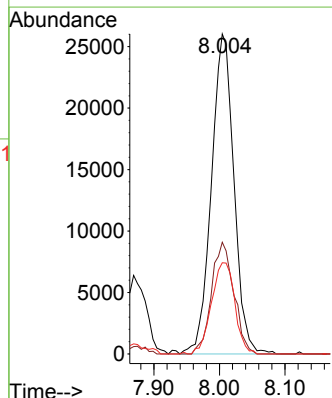
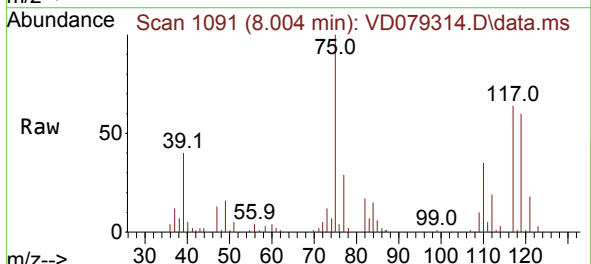
Tgt Ion: 75 Resp: 62008

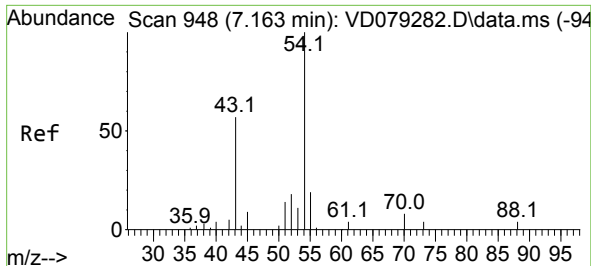
Ion Ratio Lower Upper

75 100

110 34.6 19.6 58.7

77 29.6 26.1 39.1





#37

Ethyl Acetate

Concen: 23.652 ug/l

RT: 7.163 min Scan# 948

Delta R.T. -0.000 min

Lab File: VD079314.D

Acq: 02 Jul 2024 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD0702SBSD01

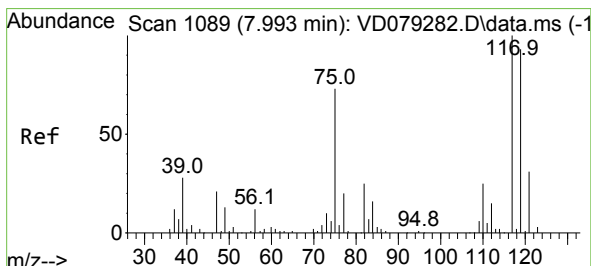
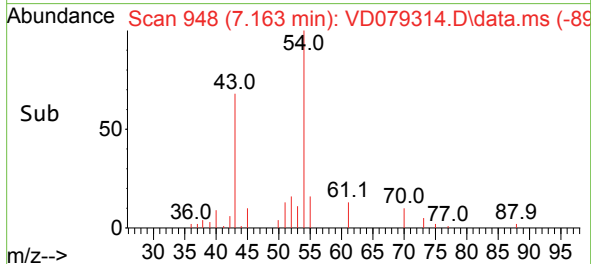
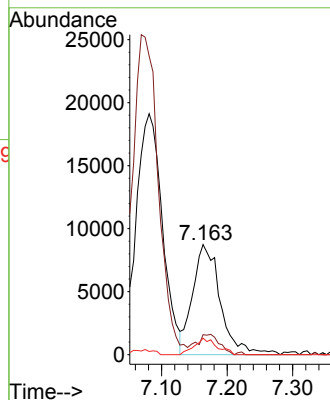
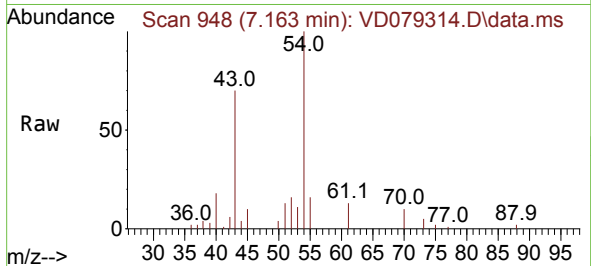
Tgt Ion: 43 Resp: 25756

Ion Ratio Lower Upper

43 100

61 15.1 13.9 20.9

70 12.1 9.8 14.6



#38

Carbon Tetrachloride

Concen: 22.481 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD079314.D

Acq: 02 Jul 2024 13:02

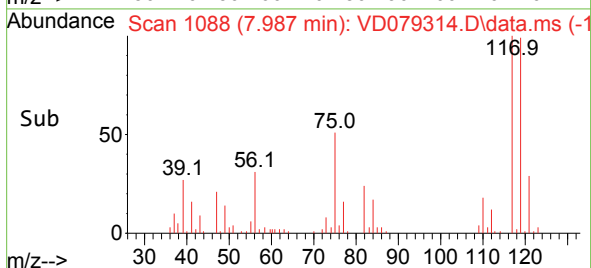
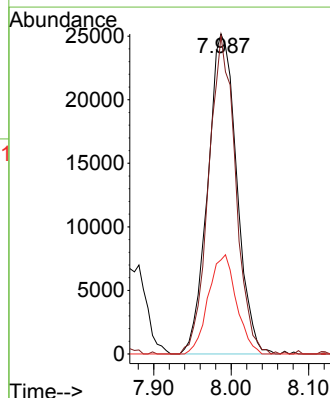
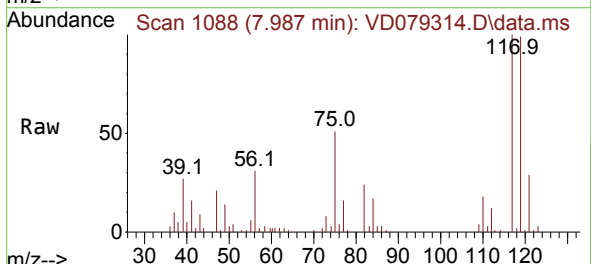
Tgt Ion: 117 Resp: 65311

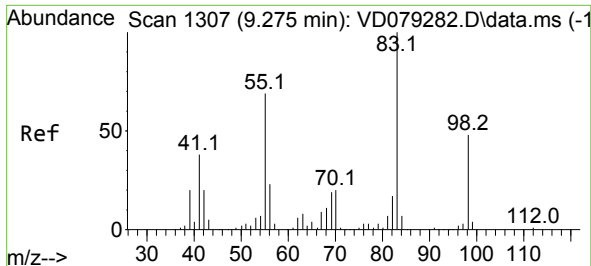
Ion Ratio Lower Upper

117 100

119 99.5 75.4 113.0

121 29.4 25.0 37.4





#39

Methylcyclohexane

Concen: 20.459 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.000 min

Lab File: VD079314.D

Acq: 02 Jul 2024 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD0702SBSD01

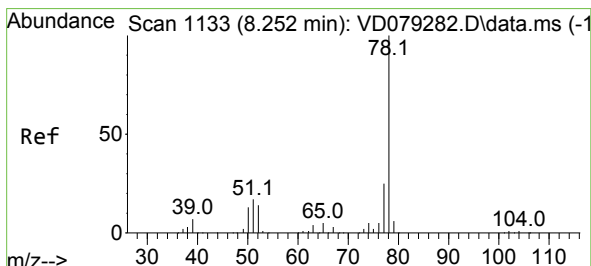
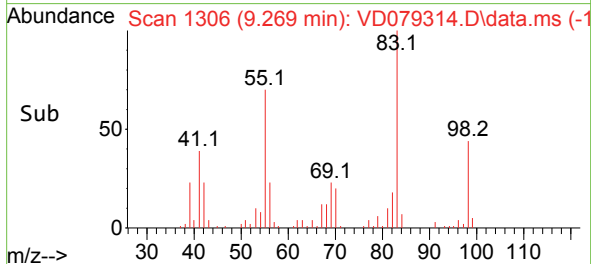
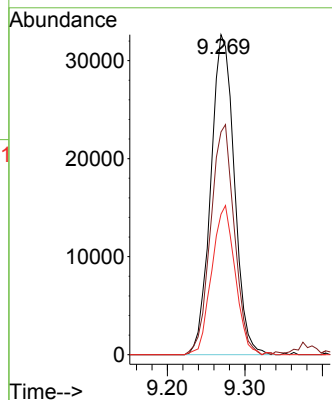
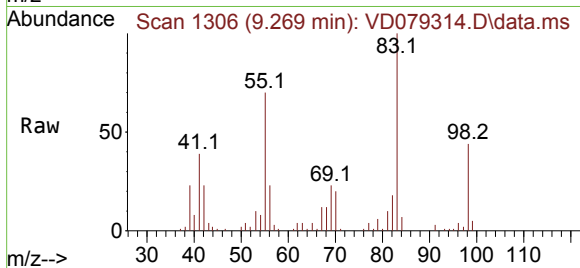
Tgt Ion: 83 Resp: 68859

Ion Ratio Lower Upper

83 100

55 69.6 50.1 75.1

98 43.9 41.9 62.9



#40

Benzene

Concen: 21.041 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VD079314.D

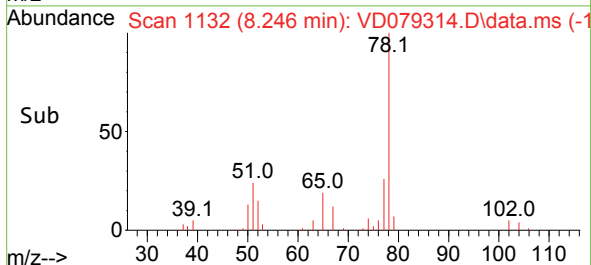
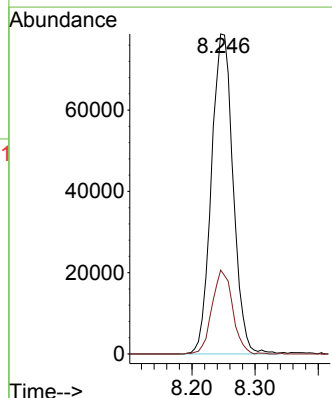
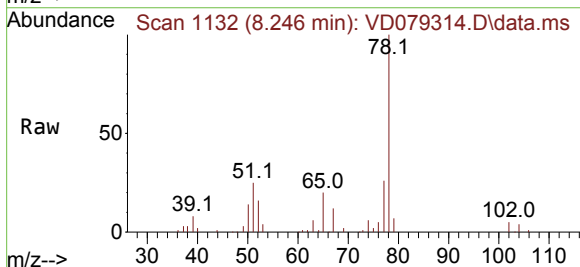
Acq: 02 Jul 2024 13:02

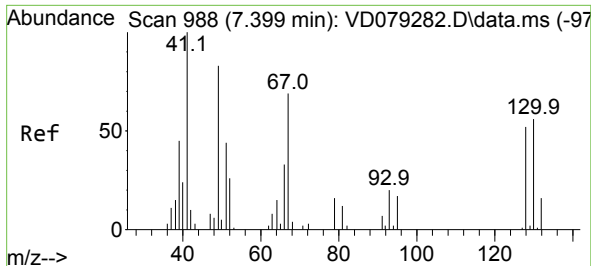
Tgt Ion: 78 Resp: 187802

Ion Ratio Lower Upper

78 100

77 26.2 18.1 27.1



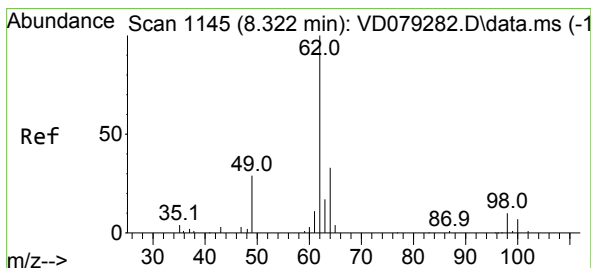
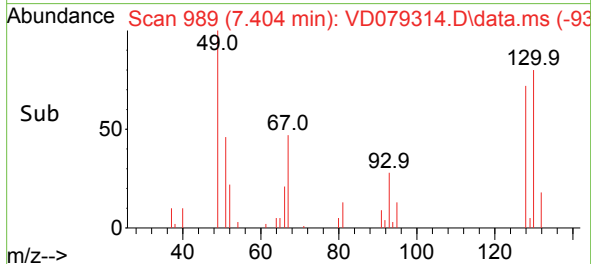
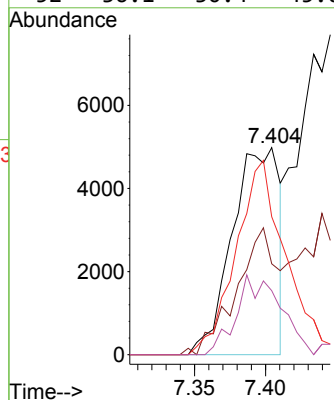
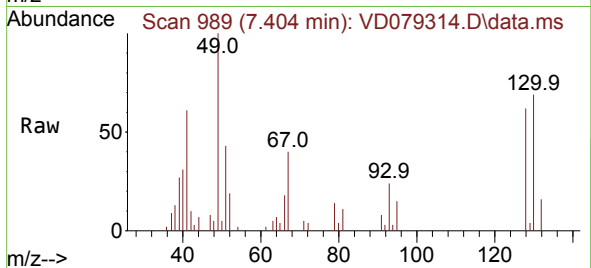


#41
Methacrylonitrile
Concen: 19.269 ug/l
RT: 7.404 min Scan# 911
Delta R.T. 0.012 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

Instrument :
MSVOA_D
ClientSampleId :
VD0702SBSD01

Tgt Ion: 41 Resp: 11534

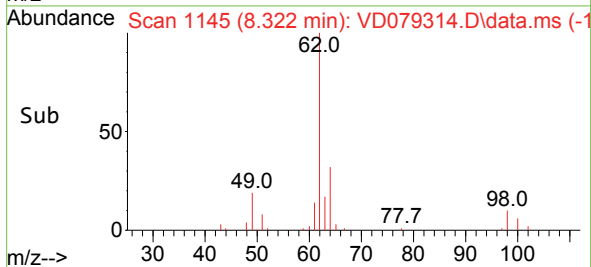
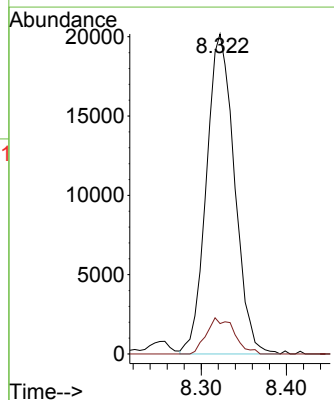
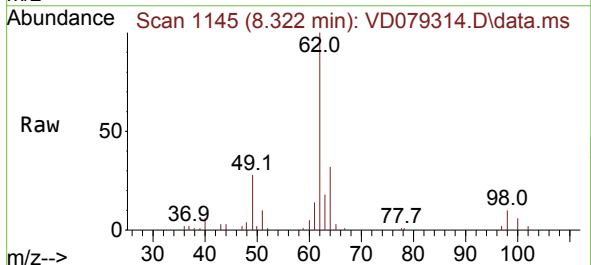
Ion	Ratio	Lower	Upper
41	100		
39	52.1	41.4	62.0
67	98.4	85.8	128.6
52	36.1	30.4	45.6

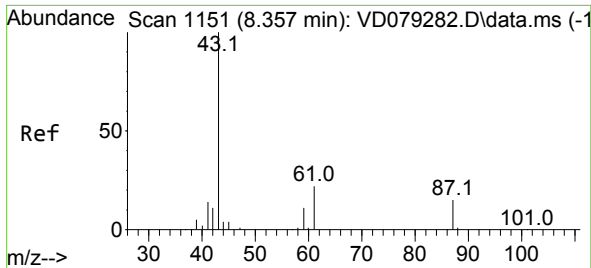


#42
1,2-Dichloroethane
Concen: 21.515 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

Tgt Ion: 62 Resp: 46184

Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	25.8

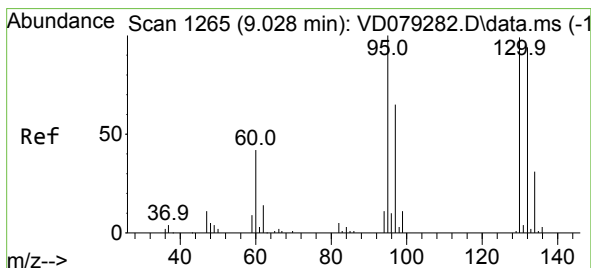
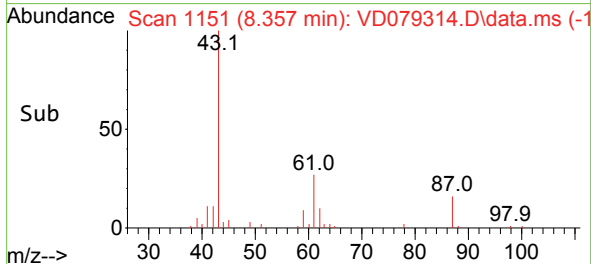
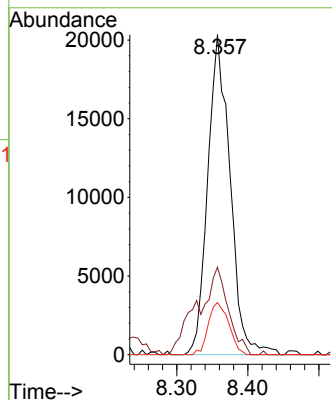
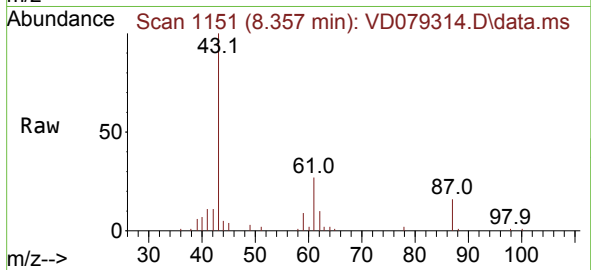




#43
Isopropyl Acetate
Concen: 21.174 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

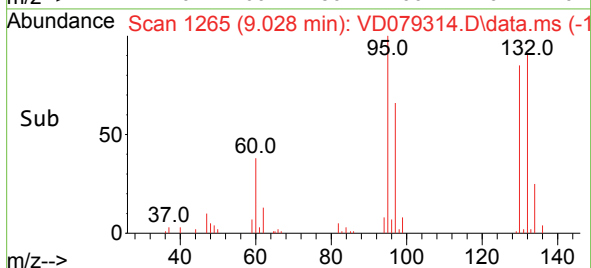
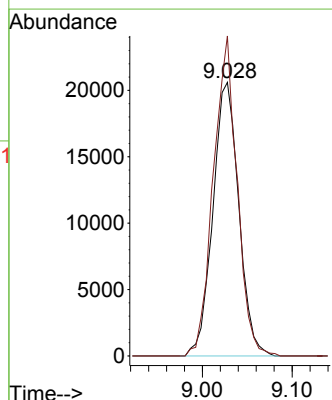
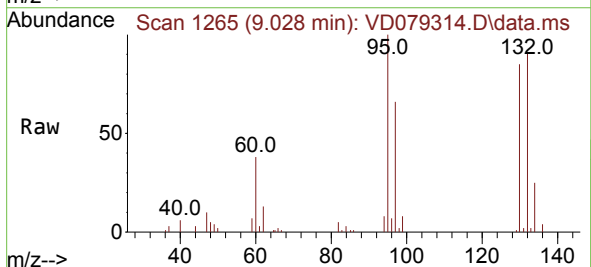
Instrument :
MSVOA_D
ClientSampleId :
VD0702SBSD01

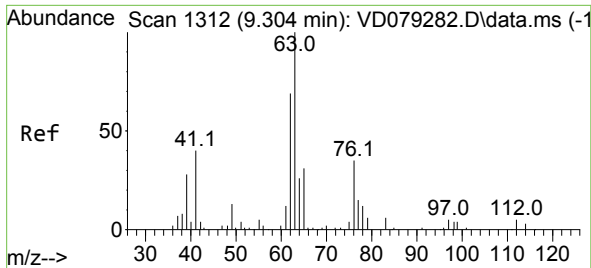
Tgt Ion: 43 Resp: 44499
Ion Ratio Lower Upper
43 100
61 25.0 29.3 43.9#
87 14.9 14.9 22.3



#44
Trichloroethene
Concen: 20.249 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

Tgt Ion:130 Resp: 41283
Ion Ratio Lower Upper
130 100
95 117.0 0.0 177.8

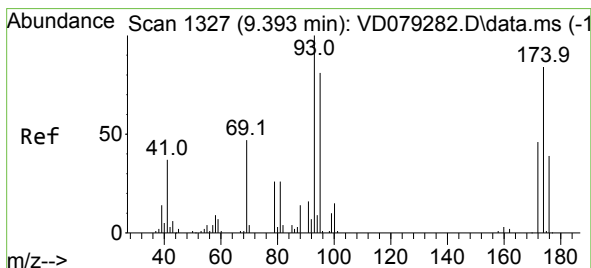
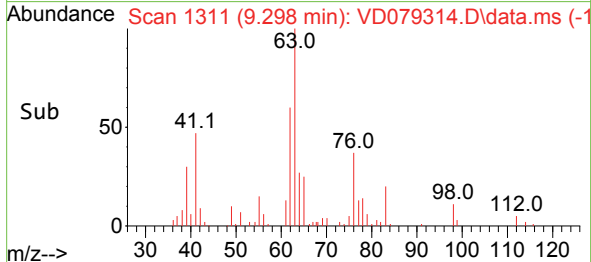
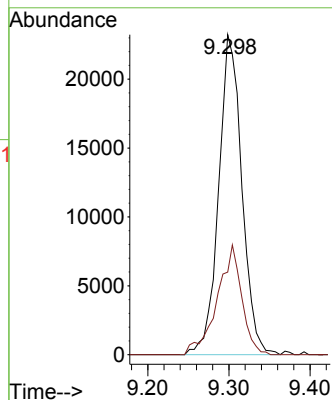
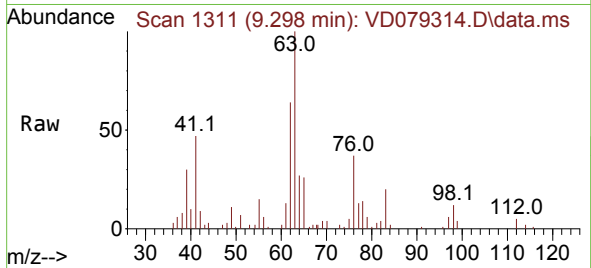




#45
1,2-Dichloropropane
Concen: 21.228 ug/l
RT: 9.298 min Scan# 1311
Delta R.T. -0.006 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

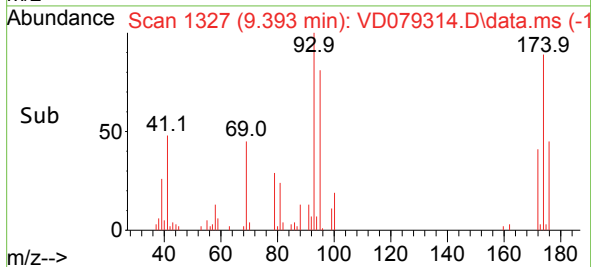
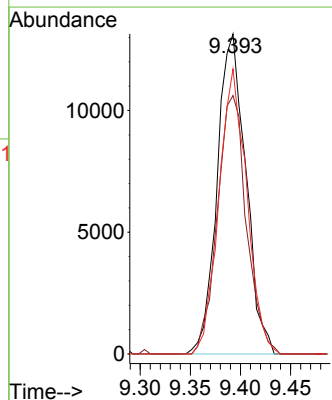
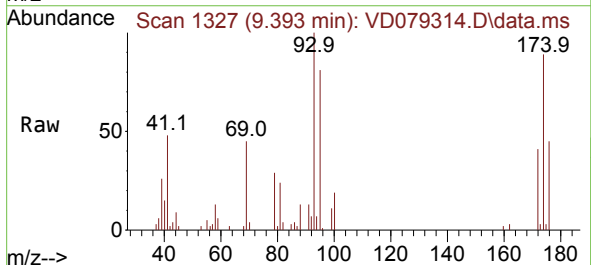
Instrument :
MSVOA_D
ClientSampleId :
VD0702SBS01

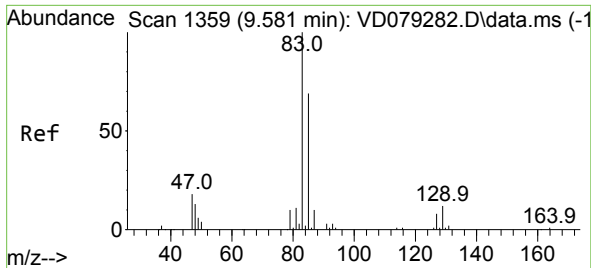
Tgt Ion: 63 Resp: 46132
Ion Ratio Lower Upper
63 100
65 25.8 23.8 35.8



#46
Dibromomethane
Concen: 21.189 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

Tgt Ion: 93 Resp: 26117
Ion Ratio Lower Upper
93 100
95 82.0 65.6 98.4
174 86.7 82.3 123.5

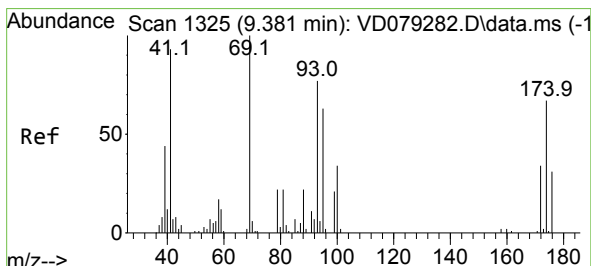
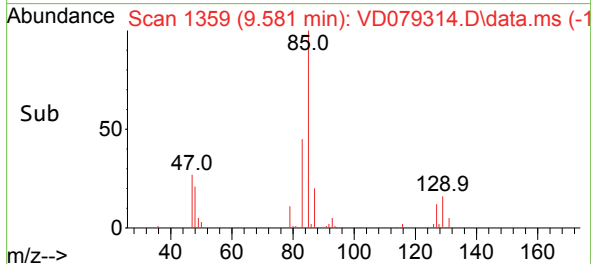
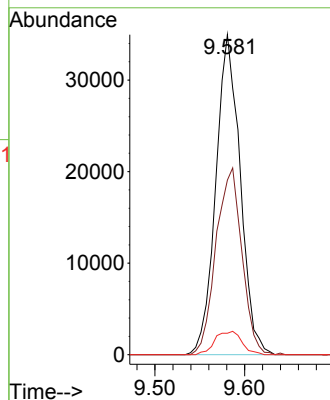
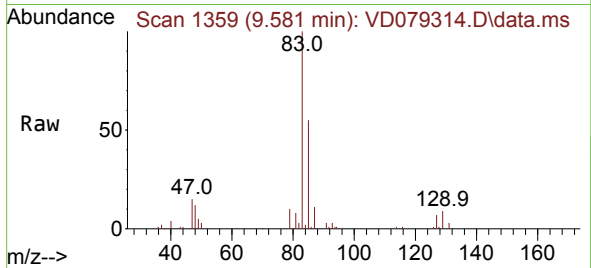




#47
Bromodichloromethane
Concen: 21.890 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

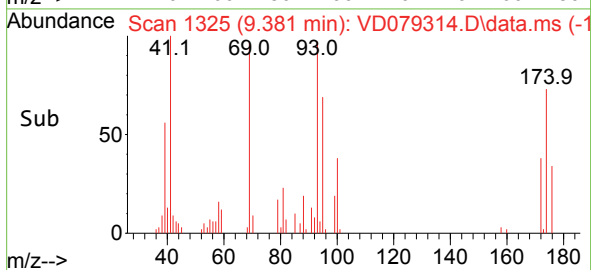
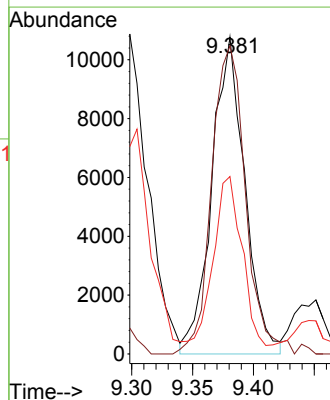
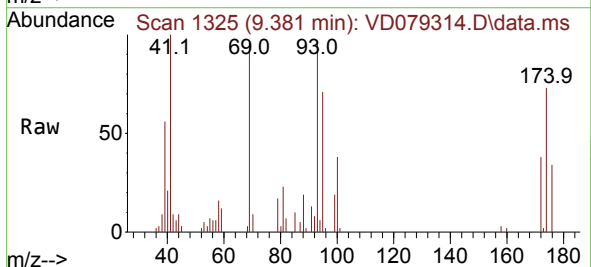
Instrument :
MSVOA_D
ClientSampleId :
VD0702SBSD01

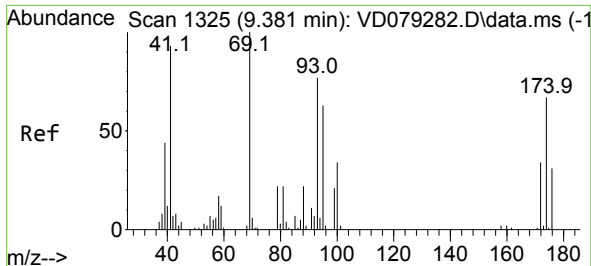
Tgt Ion: 83 Resp: 66025
Ion Ratio Lower Upper
83 100
85 54.6 50.1 75.1
127 6.7 6.8 10.2#



#48
Methyl methacrylate
Concen: 21.396 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.006 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

Tgt Ion: 41 Resp: 20289
Ion Ratio Lower Upper
41 100
69 100.0 96.7 145.1
39 46.3 43.8 65.6





#49

1,4-Dioxane

Concen: 412.583 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079314.D

Acq: 02 Jul 2024 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD0702SBSD01

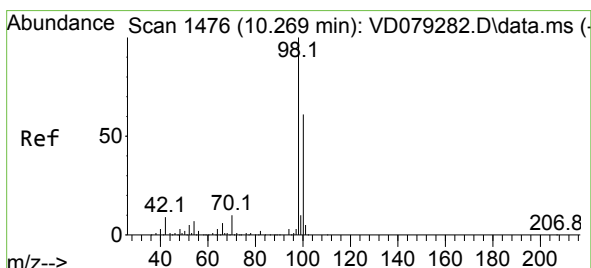
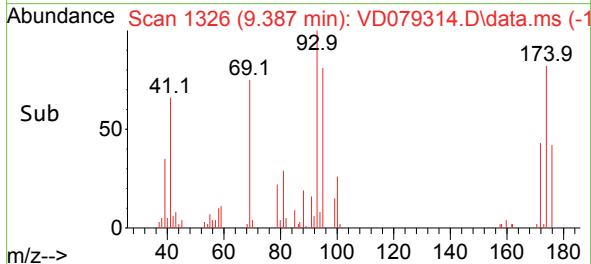
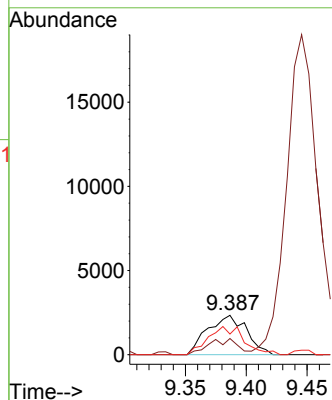
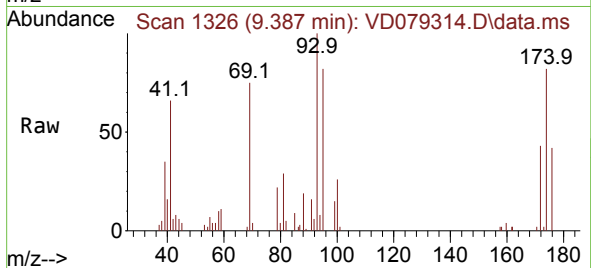
Tgt Ion: 88 Resp: 5211

Ion Ratio Lower Upper

88 100

43 31.0 21.5 32.3

58 65.6 42.2 63.4#



#50

Toluene-d8

Concen: 45.179 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD079314.D

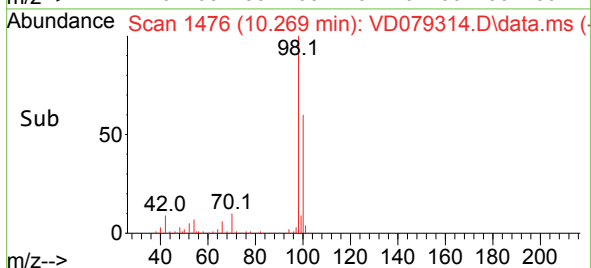
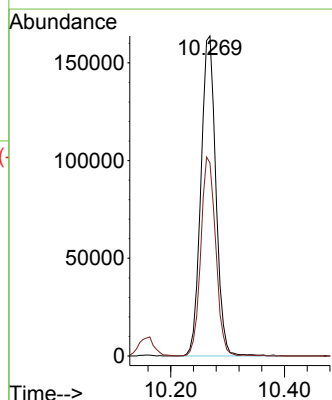
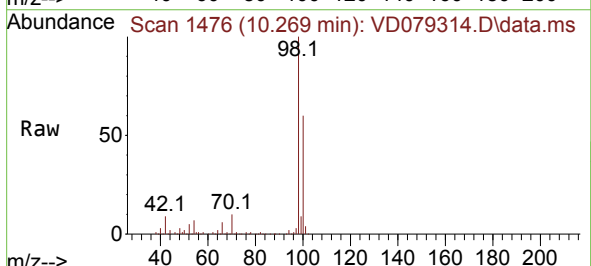
Acq: 02 Jul 2024 13:02

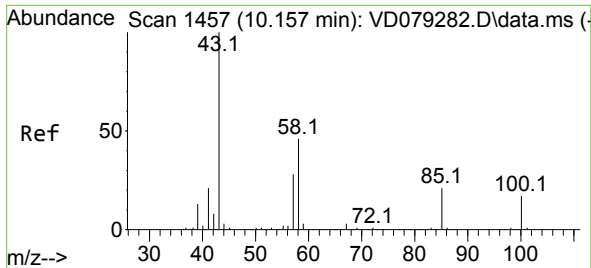
Tgt Ion: 98 Resp: 299277

Ion Ratio Lower Upper

98 100

100 61.9 51.6 77.4

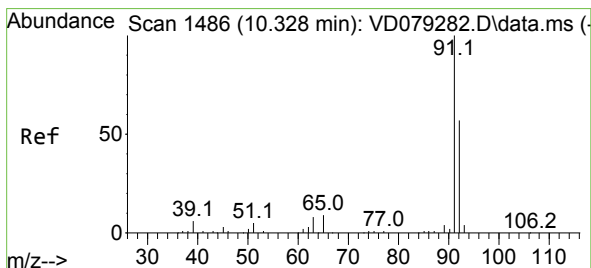
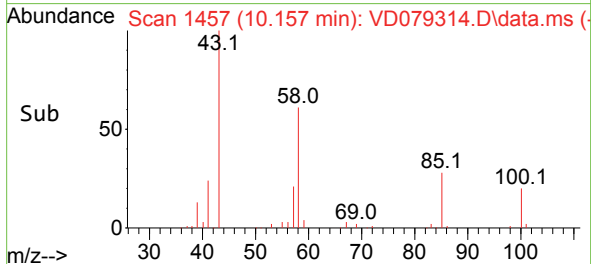
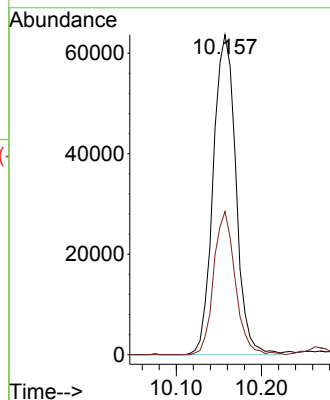
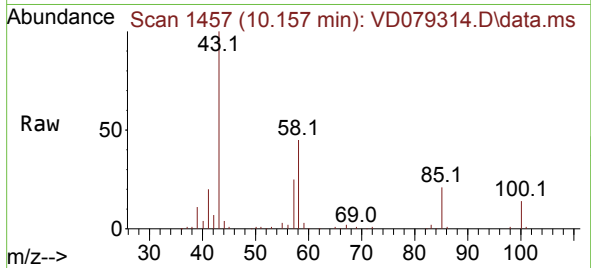




#51
4-Methyl-2-Pentanone
Concen: 107.636 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

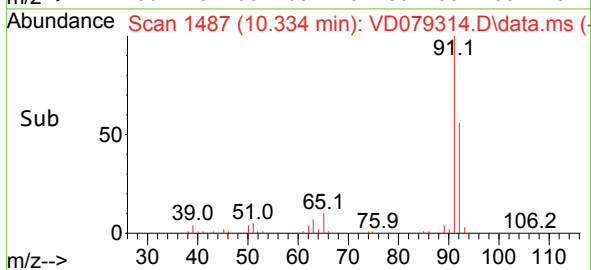
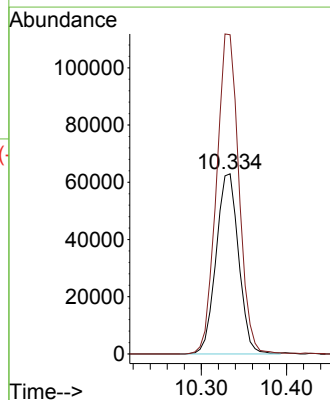
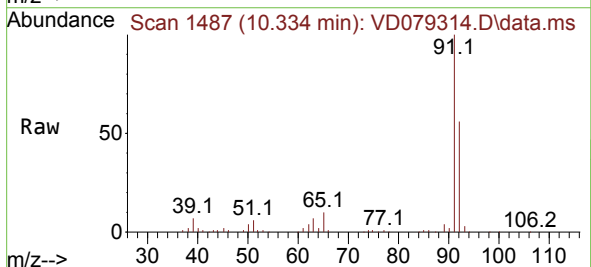
Instrument :
MSVOA_D
ClientSampleId :
VD0702SBSD01

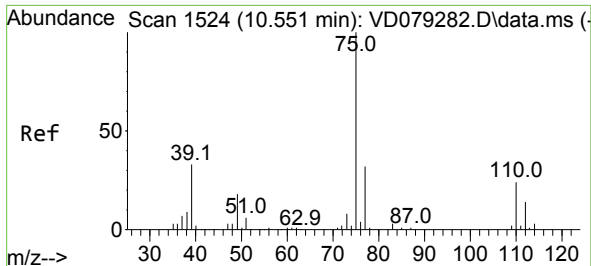
Tgt Ion: 43 Resp: 117719
Ion Ratio Lower Upper
43 100
58 42.6 36.6 55.0



#52
Toluene
Concen: 21.287 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

Tgt Ion: 92 Resp: 115667
Ion Ratio Lower Upper
92 100
91 176.7 141.7 212.5

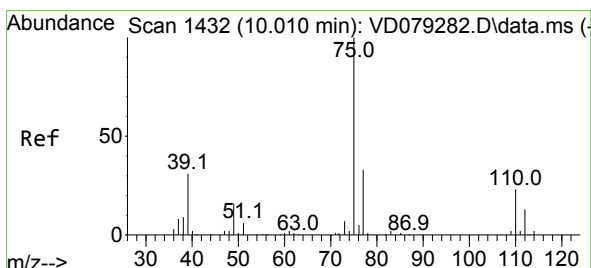
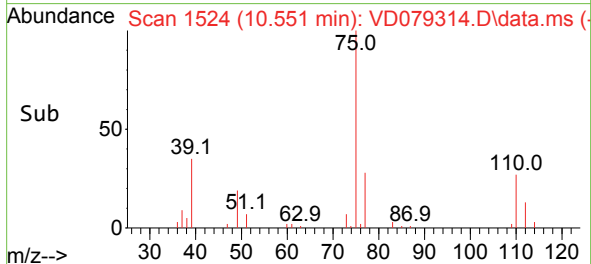
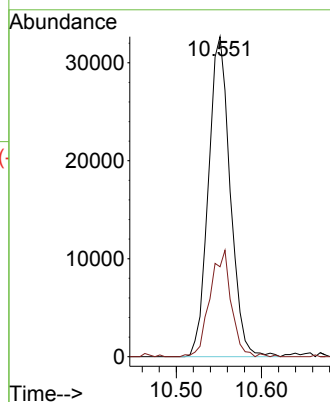
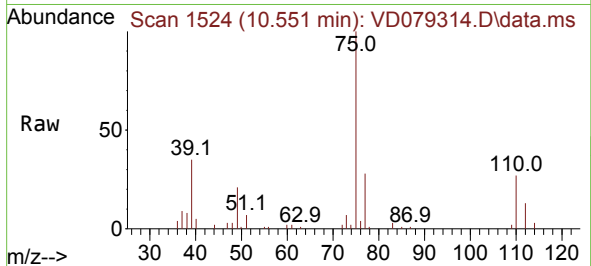




#53
t-1,3-Dichloropropene
Concen: 21.266 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

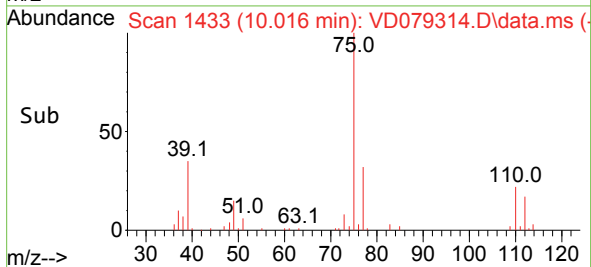
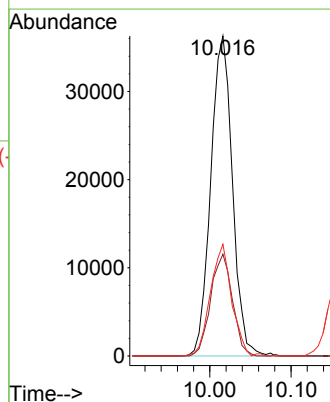
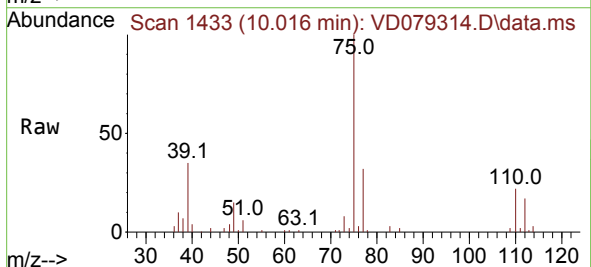
Instrument :
MSVOA_D
ClientSampleId :
VD0702SBSD01

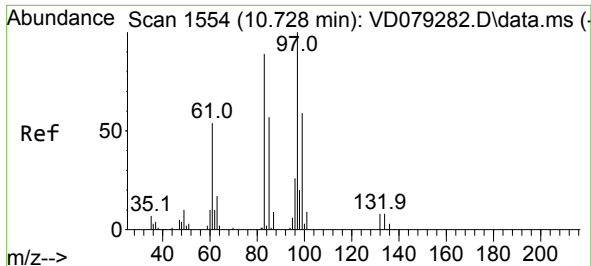
Tgt Ion: 75 Resp: 57926
Ion Ratio Lower Upper
75 100
77 28.1 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 20.606 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

Tgt Ion: 75 Resp: 67346
Ion Ratio Lower Upper
75 100
77 31.8 24.4 36.6
39 34.9 24.2 36.2





#55

1,1,2-Trichloroethane

Concen: 20.637 ug/l

RT: 10.728 min Scan# 1554

Delta R.T. -0.000 min

Lab File: VD079314.D

Acq: 02 Jul 2024 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD0702SBSD01

Tgt Ion: 97 Resp: 32808

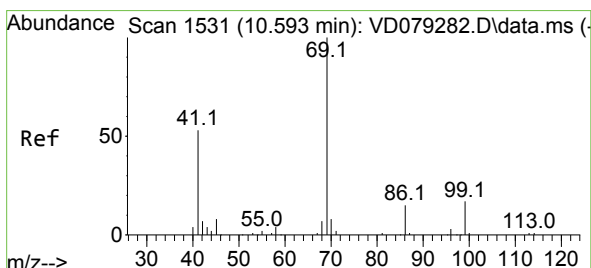
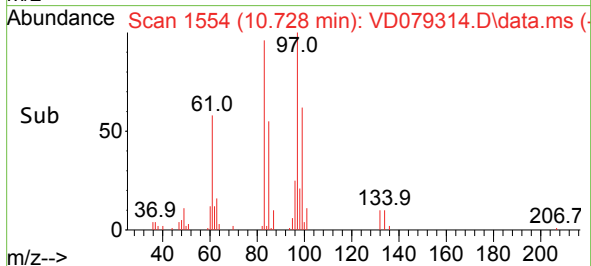
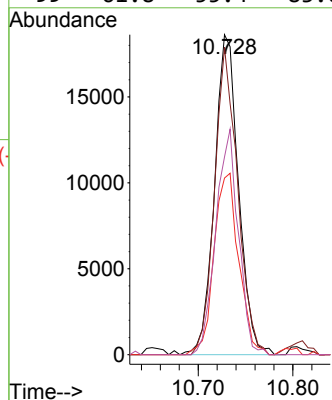
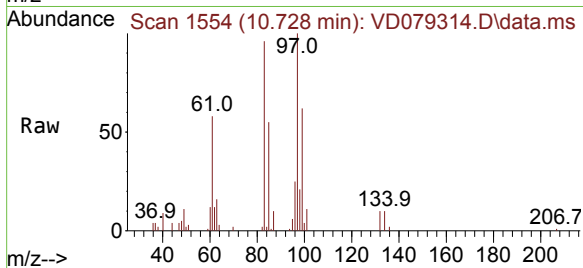
Ion Ratio Lower Upper

97 100

83 96.0 65.8 98.8

85 55.2 43.8 65.8

99 61.8 55.4 83.0



#56

Ethyl methacrylate

Concen: 20.974 ug/l

RT: 10.592 min Scan# 1531

Delta R.T. -0.001 min

Lab File: VD079314.D

Acq: 02 Jul 2024 13:02

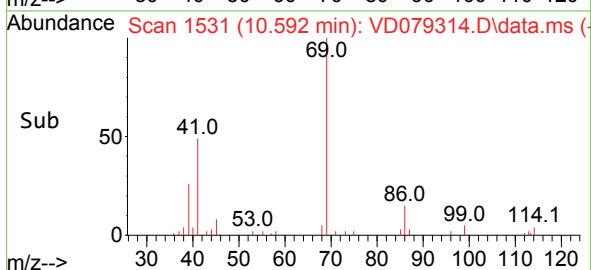
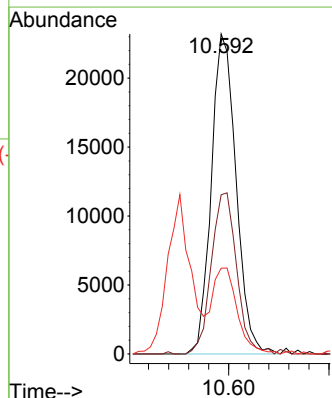
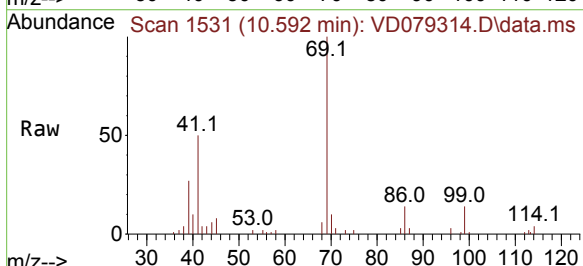
Tgt Ion: 69 Resp: 39794

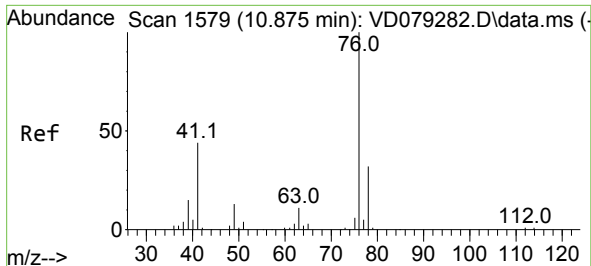
Ion Ratio Lower Upper

69 100

41 51.6 39.8 59.6

39 27.6 20.2 30.4





#57

1,3-Dichloropropane

Concen: 21.792 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.000 min

Lab File: VD079314.D

Acq: 02 Jul 2024 13:02

Instrument :

MSVOA_D

ClientSampleId :

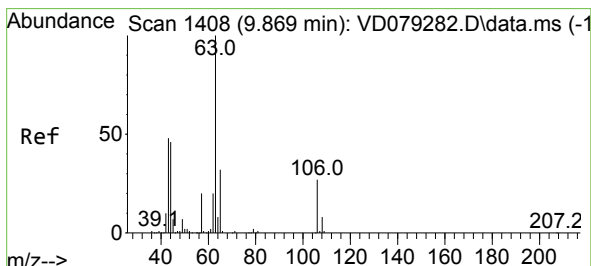
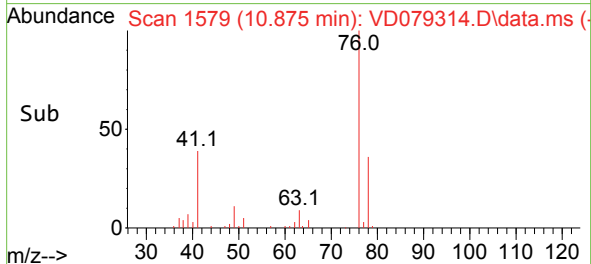
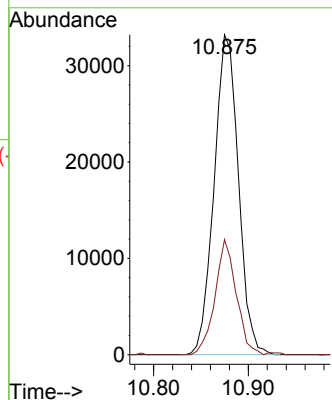
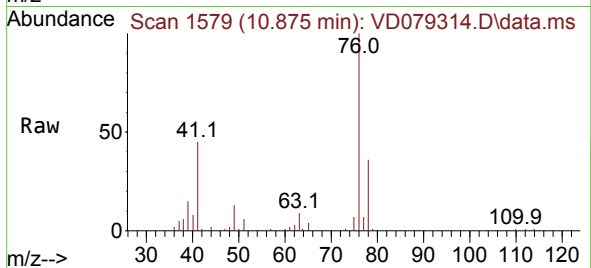
VD0702SBSD01

Tgt Ion: 76 Resp: 59231

Ion Ratio Lower Upper

76 100

78 31.4 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 98.125 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD079314.D

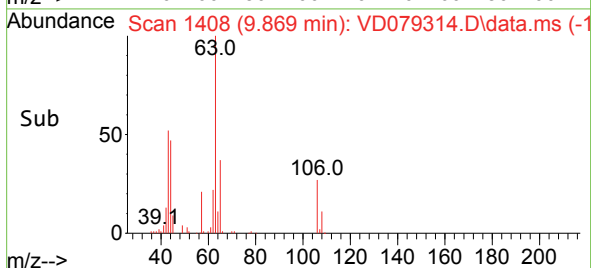
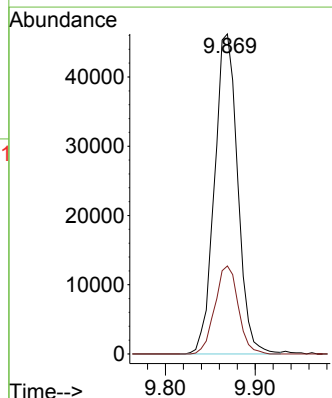
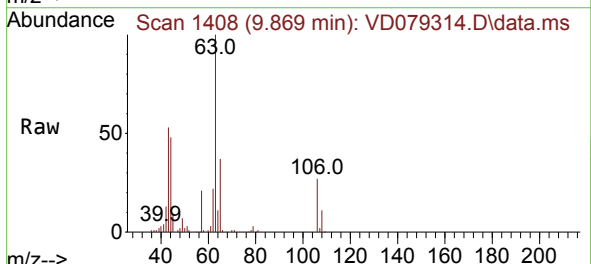
Acq: 02 Jul 2024 13:02

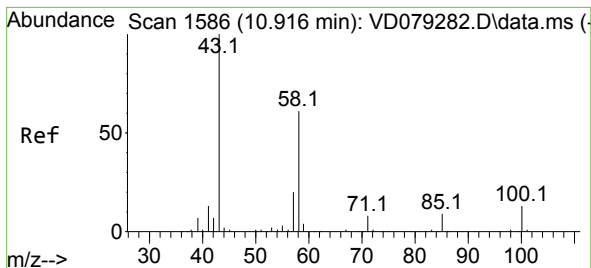
Tgt Ion: 63 Resp: 82983

Ion Ratio Lower Upper

63 100

106 27.6 26.4 39.6





#59

2-Hexanone

Concen: 107.271 ug/l

RT: 10.916 min Scan# 1586

Delta R.T. -0.006 min

Lab File: VD079314.D

Acq: 02 Jul 2024 13:02

Instrument :

MSVOA_D

ClientSampleId :

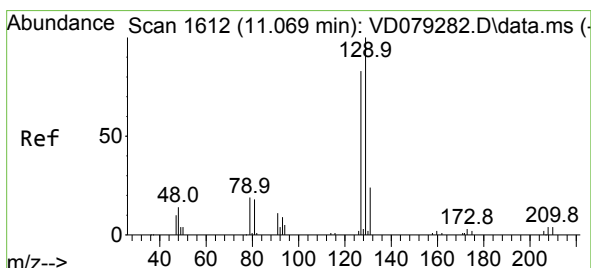
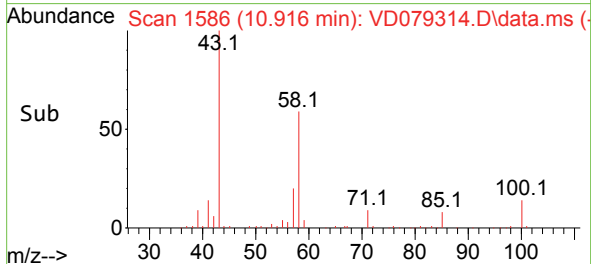
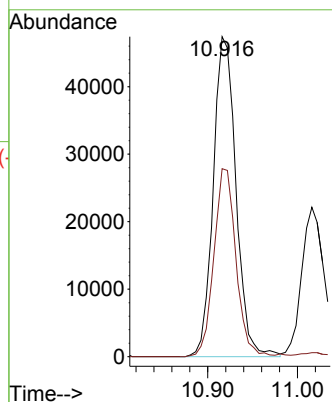
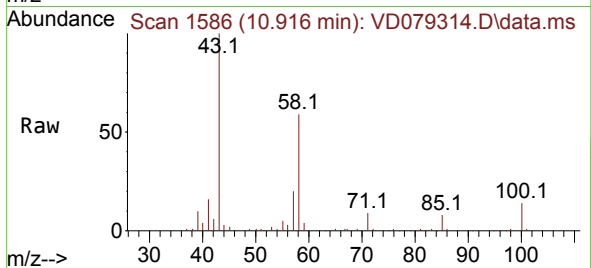
VD0702SBSD01

Tgt Ion: 43 Resp: 83314

Ion Ratio Lower Upper

43 100

58 57.0 31.1 93.5



#60

Dibromochloromethane

Concen: 20.905 ug/l

RT: 11.069 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VD079314.D

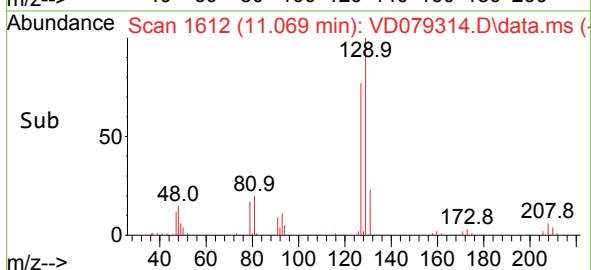
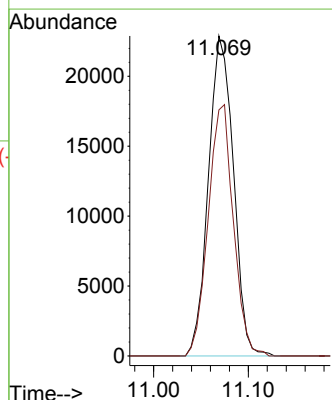
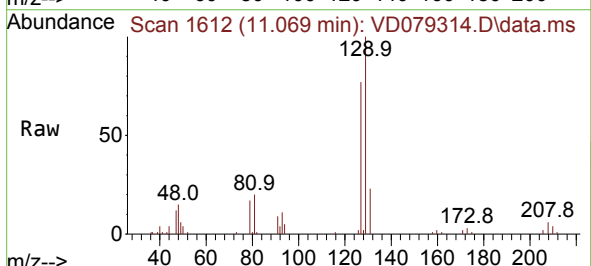
Acq: 02 Jul 2024 13:02

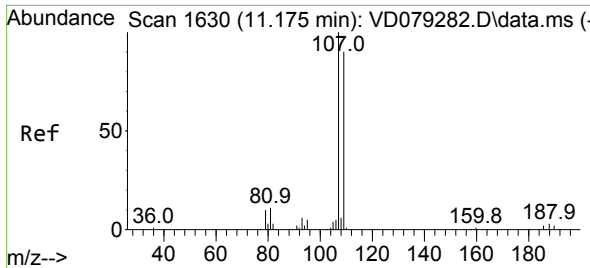
Tgt Ion: 129 Resp: 41951

Ion Ratio Lower Upper

129 100

127 79.1 38.0 113.9

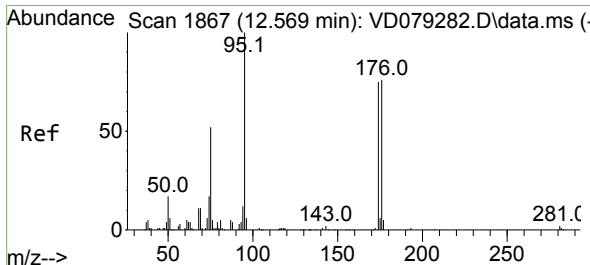
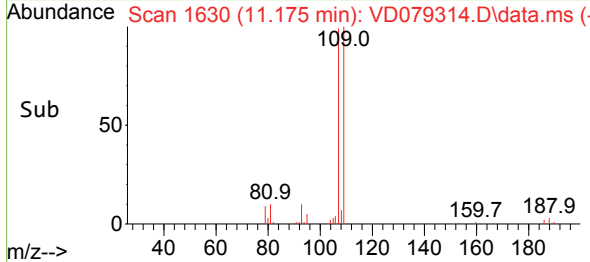
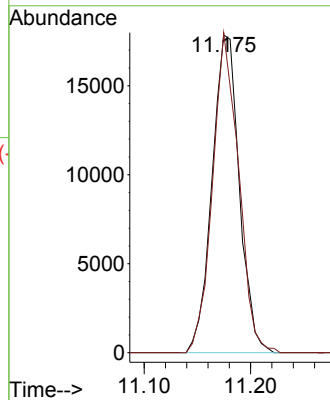
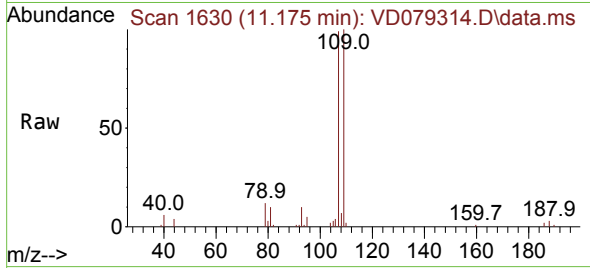




#61
1,2-Dibromoethane
Concen: 21.719 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

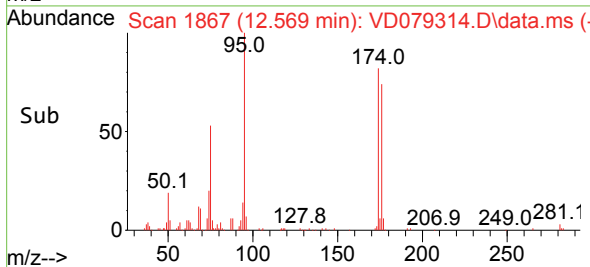
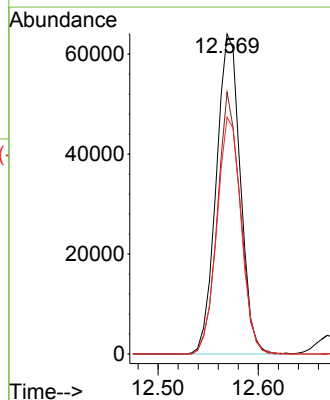
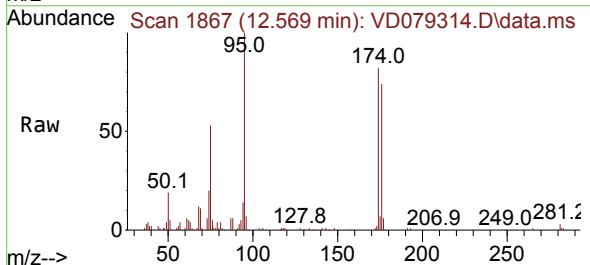
Instrument :
MSVOA_D
ClientSampleId :
VD0702SBSD01

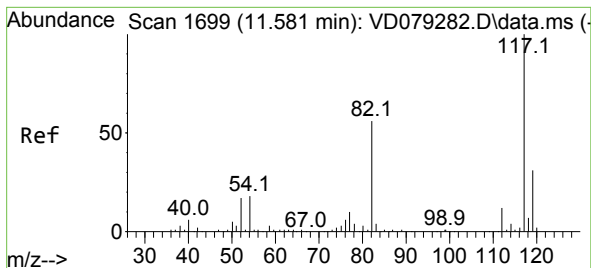
Tgt Ion:107 Resp: 31654
Ion Ratio Lower Upper
107 100
109 96.4 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 50.146 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

Tgt Ion: 95 Resp: 106519
Ion Ratio Lower Upper
95 100
174 78.1 0.0 195.4
176 74.7 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079314.D

Acq: 02 Jul 2024 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD0702SBSD01

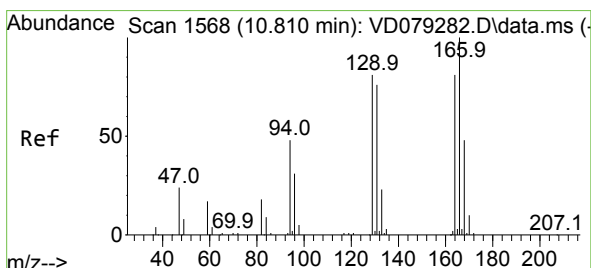
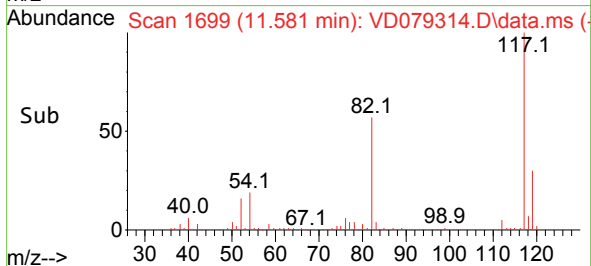
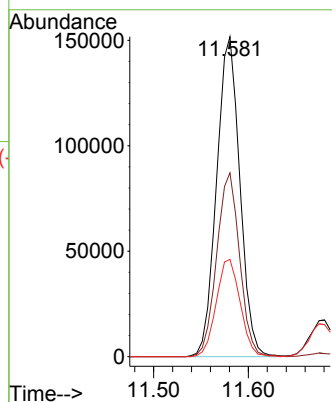
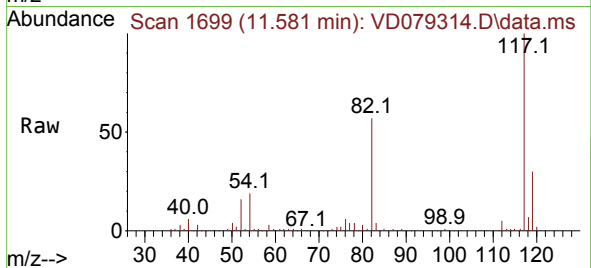
Tgt Ion:117 Resp: 258875

Ion Ratio Lower Upper

117 100

82 57.5 39.8 59.6

119 30.4 25.7 38.5



#64

Tetrachloroethene

Concen: 21.243 ug/l

RT: 10.804 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VD079314.D

Acq: 02 Jul 2024 13:02

Tgt Ion:164 Resp: 34264

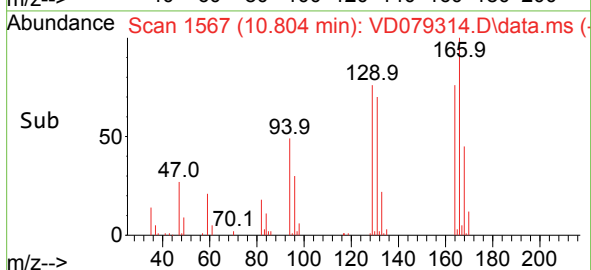
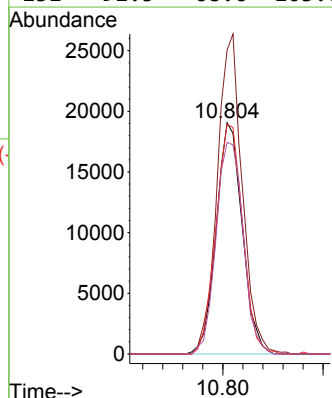
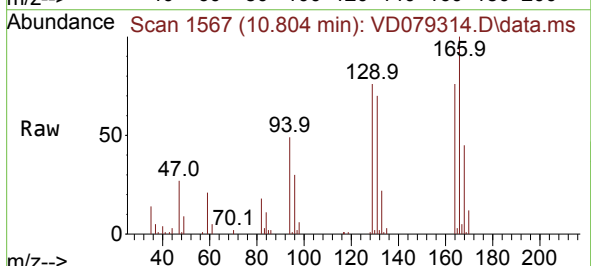
Ion Ratio Lower Upper

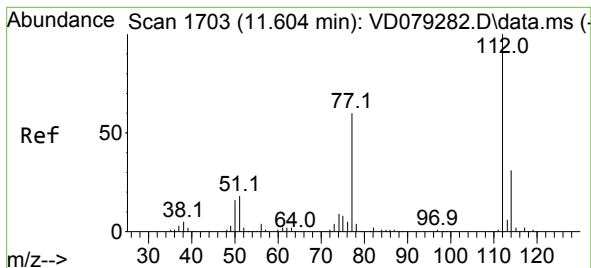
164 100

166 131.4 108.6 163.0

129 99.3 74.6 112.0

131 91.5 68.6 103.0

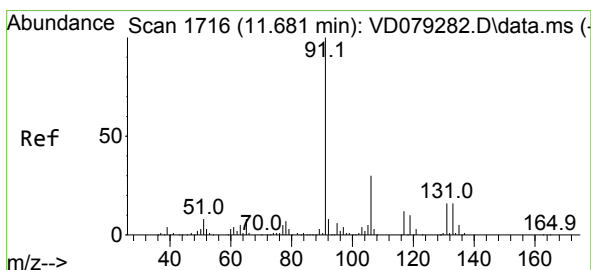
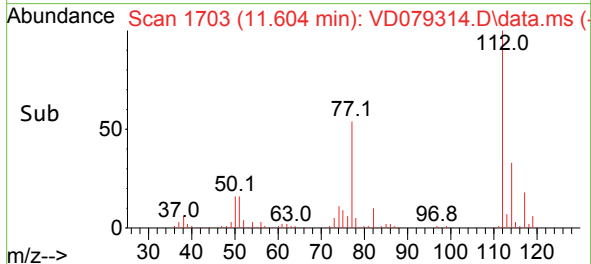
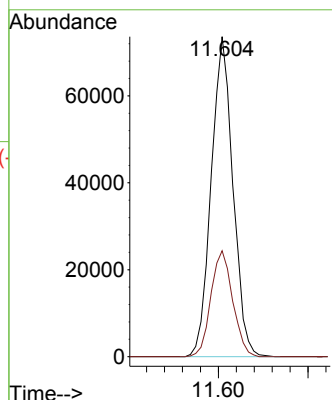
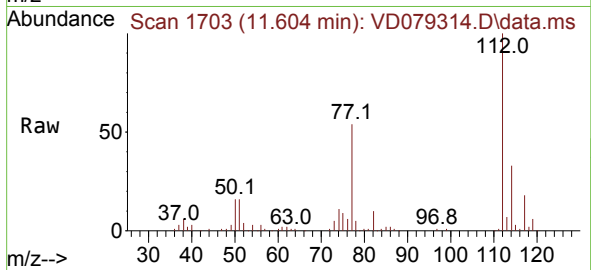




#65
Chlorobenzene
Concen: 21.455 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

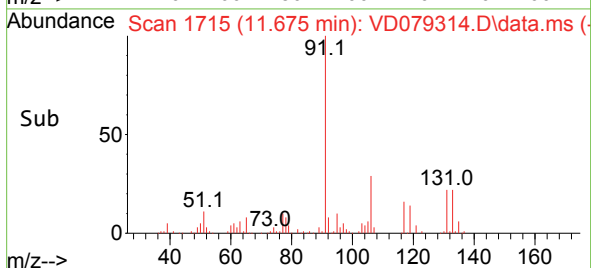
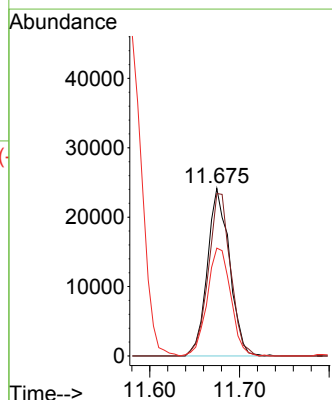
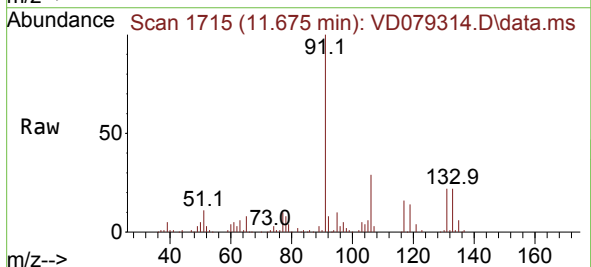
Instrument :
MSVOA_D
ClientSampleId :
VD0702SBSD01

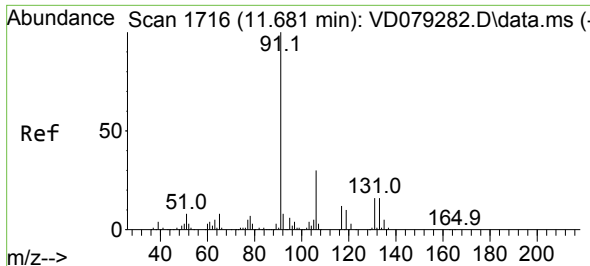
Tgt Ion:112 Resp: 123540
Ion Ratio Lower Upper
112 100
114 33.1 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.140 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

Tgt Ion:131 Resp: 41431
Ion Ratio Lower Upper
131 100
133 97.0 49.2 147.6
119 68.4 33.4 100.2

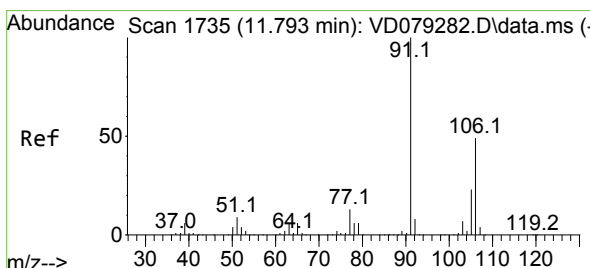
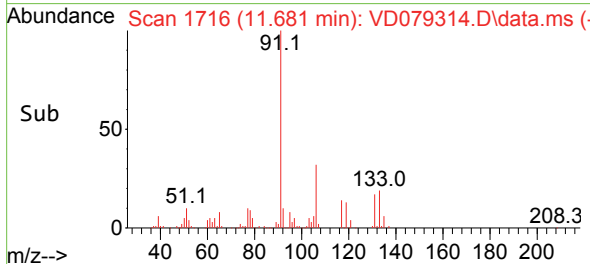
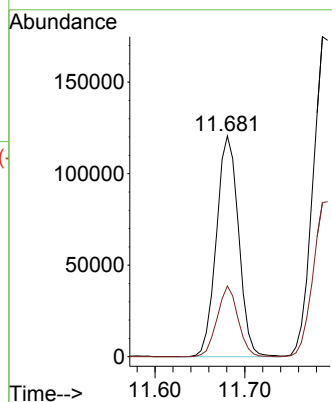
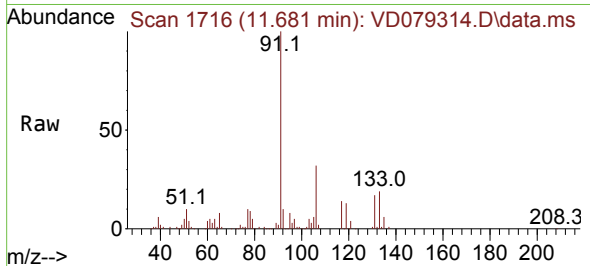




#67
Ethyl Benzene
Concen: 20.598 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

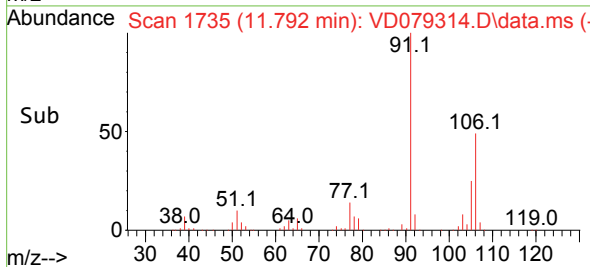
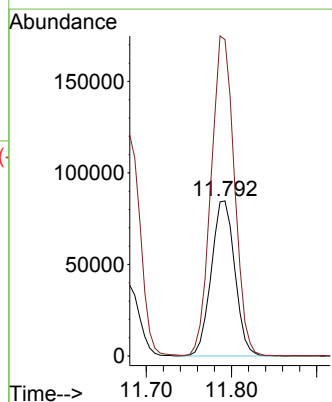
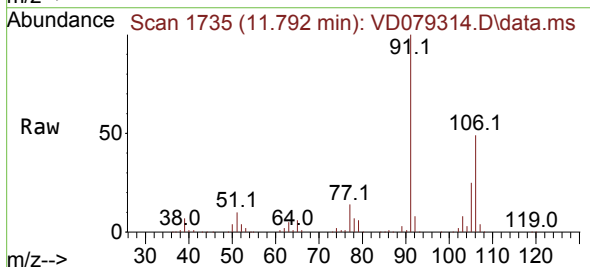
Instrument :
MSVOA_D
ClientSampleId :
VD0702SBSD01

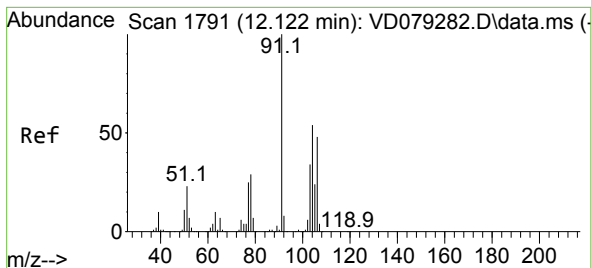
Tgt Ion: 91 Resp: 206959
Ion Ratio Lower Upper
91 100
106 32.0 25.8 38.6



#68
m/p-Xylenes
Concen: 42.007 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

Tgt Ion:106 Resp: 162799
Ion Ratio Lower Upper
106 100
91 204.5 148.5 222.7

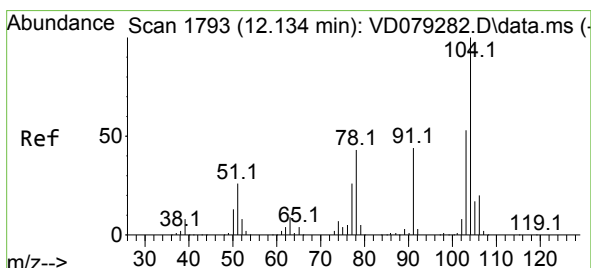
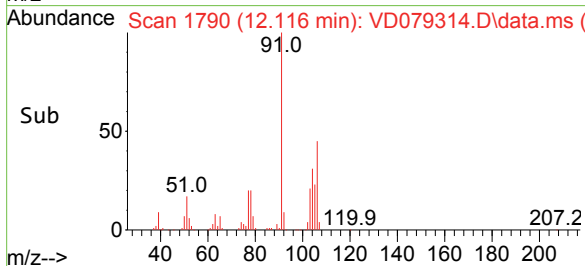
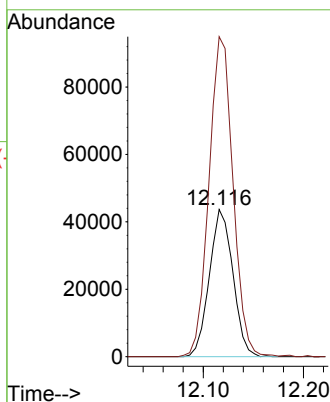
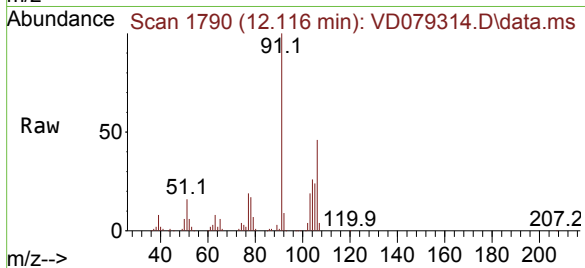




#69
o-Xylene
Concen: 20.442 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

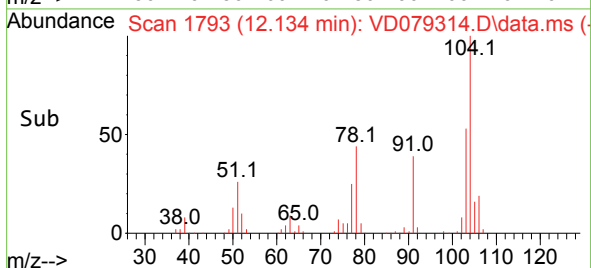
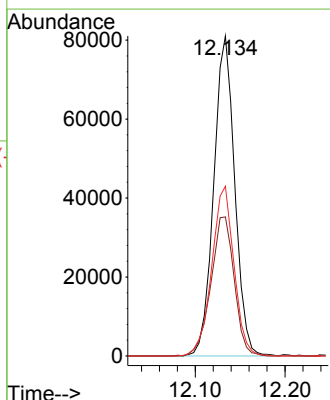
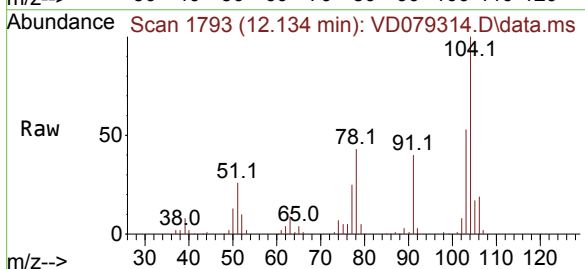
Instrument :
MSVOA_D
ClientSampleId :
VD0702SBSD01

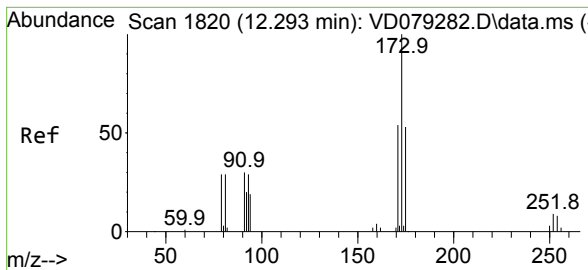
Tgt Ion:106 Resp: 71168
Ion Ratio Lower Upper
106 100
91 222.1 96.7 290.1



#70
Styrene
Concen: 21.193 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

Tgt Ion:104 Resp: 131585
Ion Ratio Lower Upper
104 100
78 48.2 33.0 49.6
103 56.1 44.2 66.4

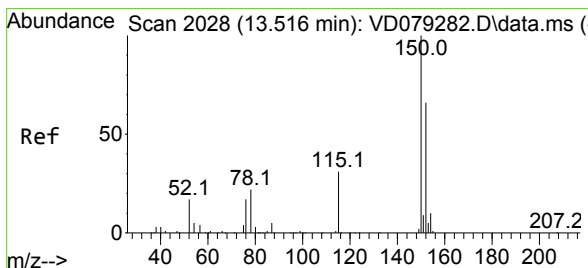
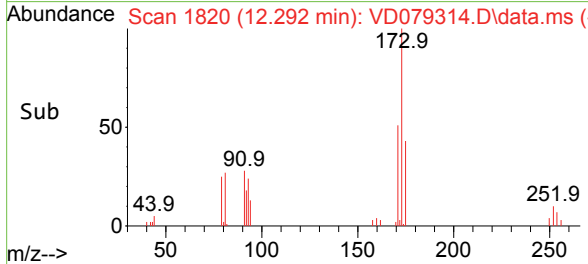
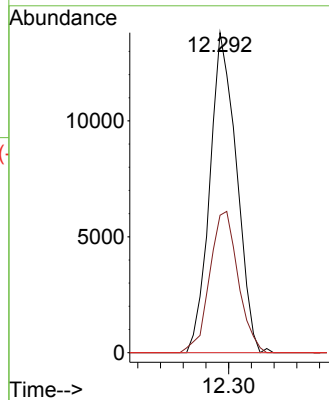
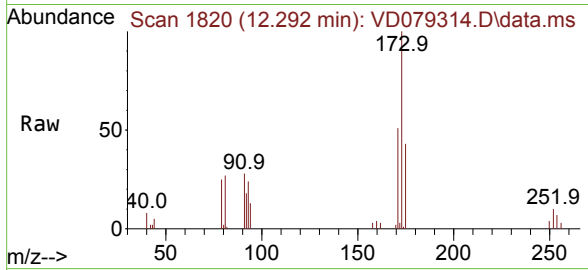




#71
Bromoform
Concen: 21.208 ug/l
RT: 12.292 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

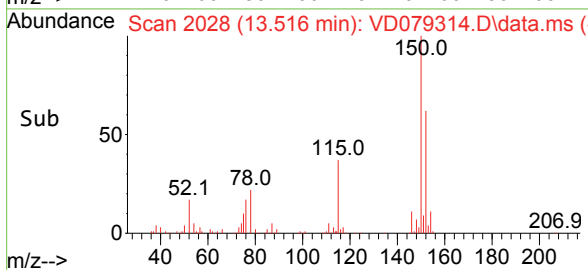
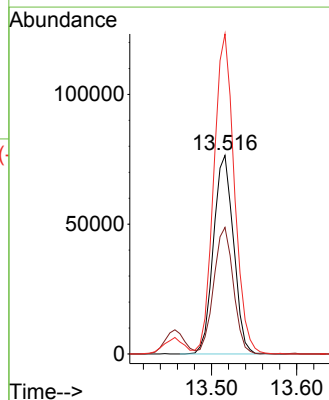
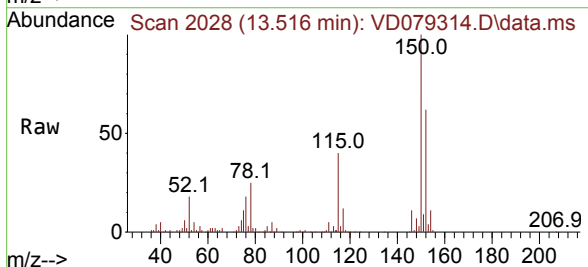
Instrument :
MSVOA_D
ClientSampleId :
VD0702SBSD01

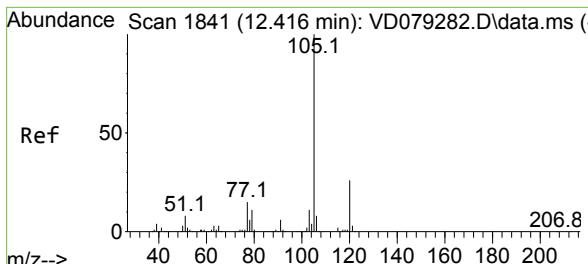
Tgt Ion:173 Resp: 22541
Ion Ratio Lower Upper
173 100
175 46.9 23.7 71.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

Tgt Ion:152 Resp: 125117
Ion Ratio Lower Upper
152 100
115 62.6 26.5 79.5
150 165.5 0.0 341.6

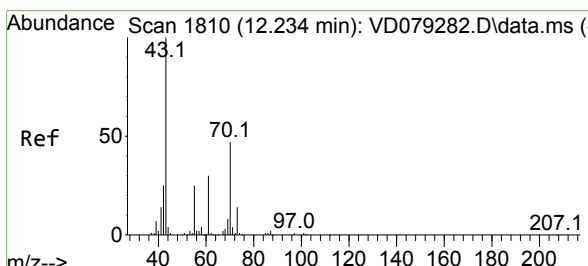
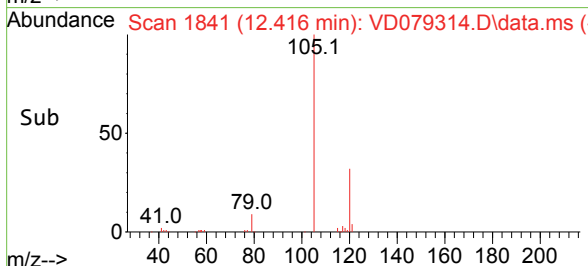
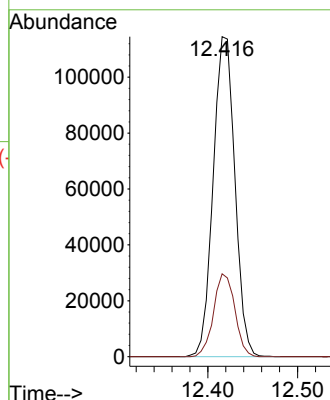
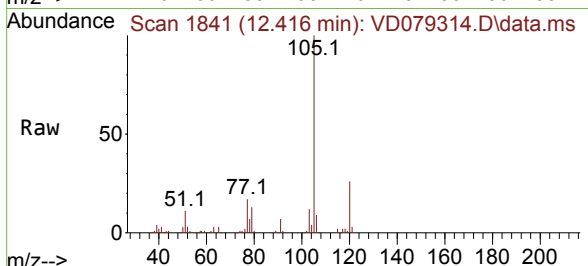




#73
Isopropylbenzene
Concen: 20.685 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

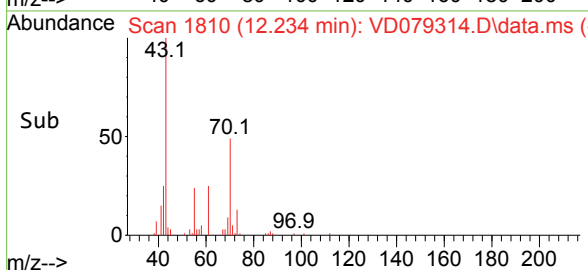
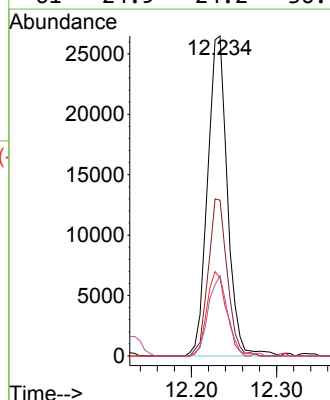
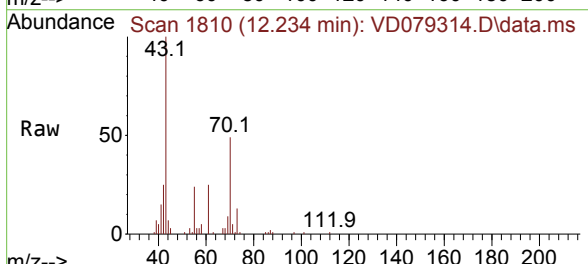
Instrument :
MSVOA_D
ClientSampleId :
VD0702SBSD01

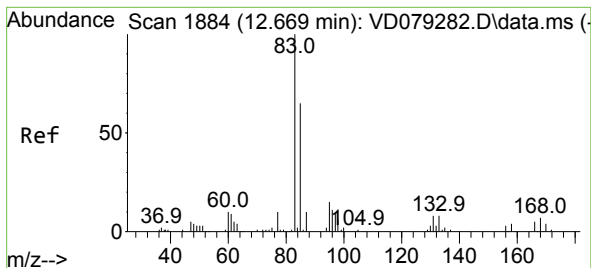
Tgt Ion:105 Resp: 192395
Ion Ratio Lower Upper
105 100
120 25.3 13.6 40.7



#74
N-ethyl acetate
Concen: 20.973 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

Tgt Ion: 43 Resp: 42815
Ion Ratio Lower Upper
43 100
70 47.2 44.3 66.5
55 25.8 23.2 34.8
61 24.9 24.2 36.4

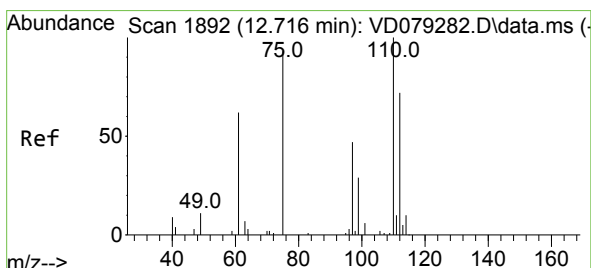
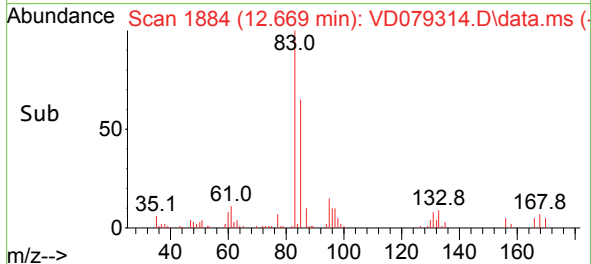
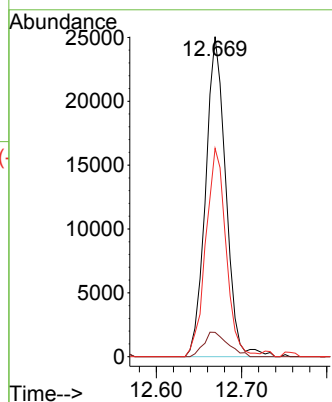
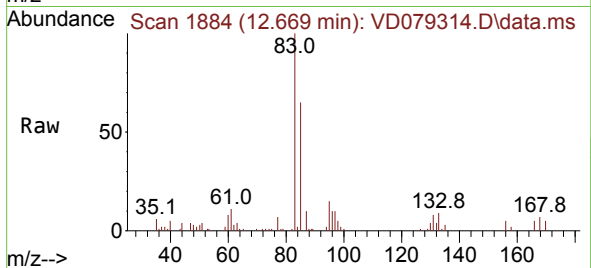




#75
1,1,2,2-Tetrachloroethane
Concen: 21.238 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

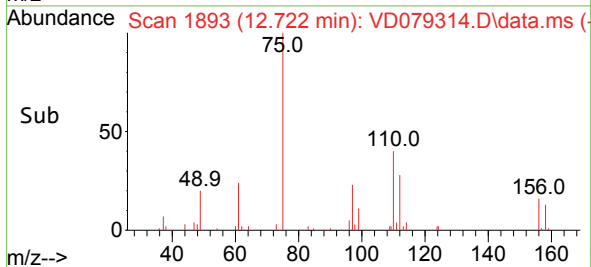
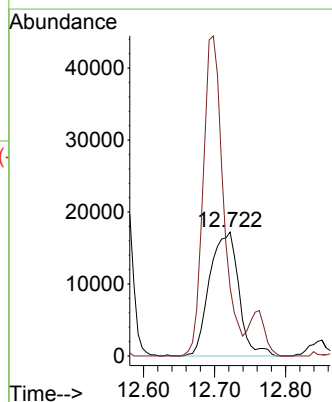
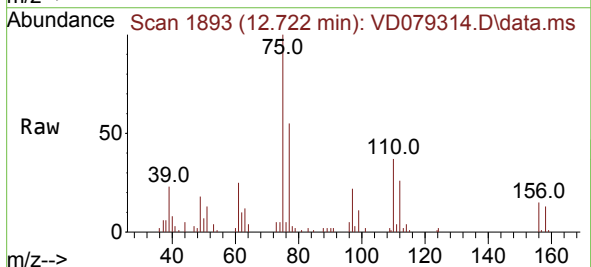
Instrument :
MSVOA_D
ClientSampleId :
VD0702SBSD01

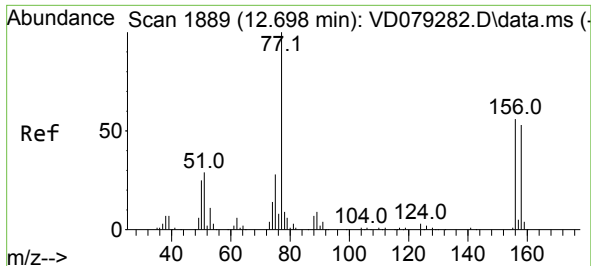
Tgt Ion: 83 Resp: 41177
Ion Ratio Lower Upper
83 100
131 9.1 5.5 16.5
85 65.6 33.8 101.3



#76
1,2,3-Trichloropropane
Concen: 39.090 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

Tgt Ion: 75 Resp: 48945
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

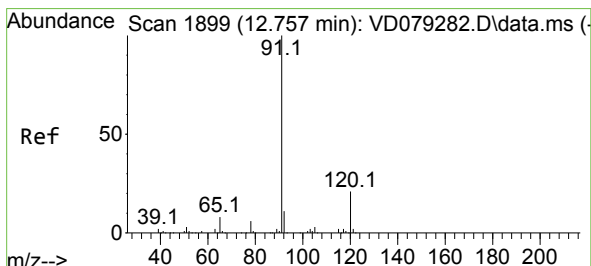
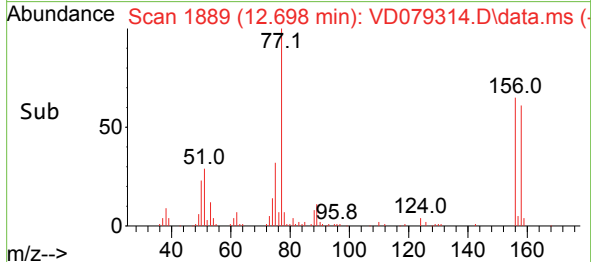
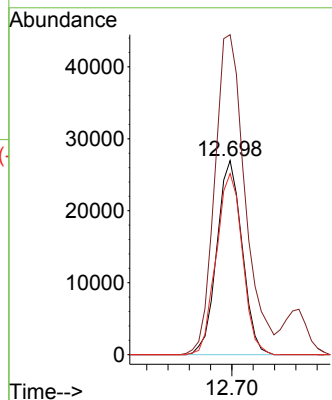
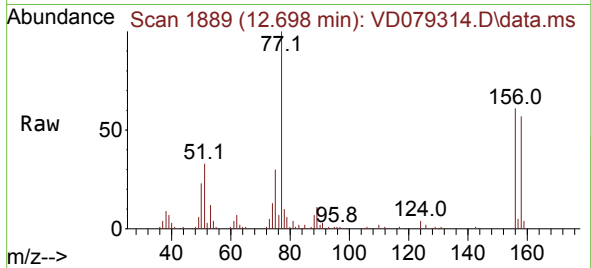




#77
Bromobenzene
Concen: 21.270 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

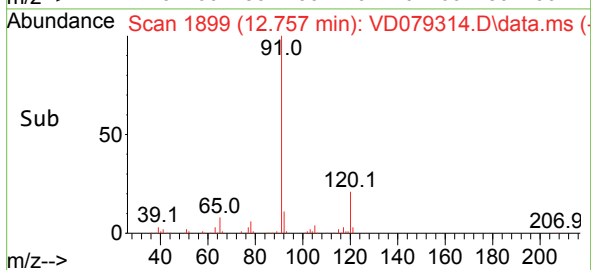
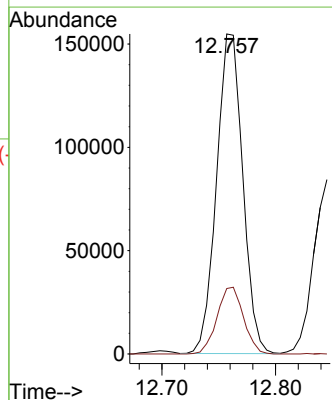
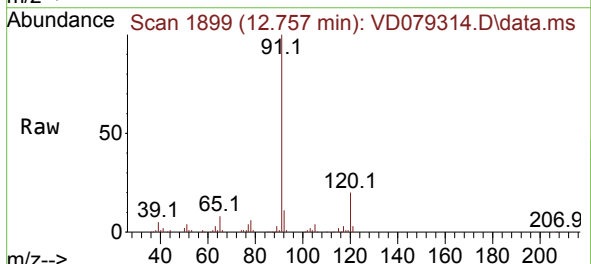
Instrument :
MSVOA_D
ClientSampleId :
VD0702SBSD01

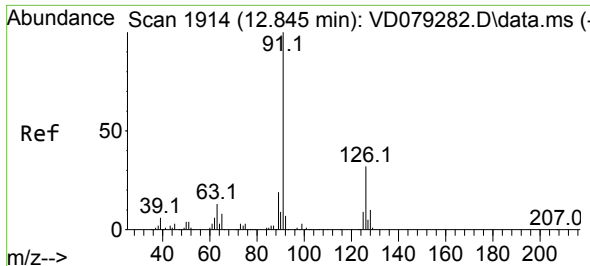
Tgt Ion:156 Resp: 44503
Ion Ratio Lower Upper
156 100
77 197.3 77.3 231.9
158 96.4 49.6 149.0



#78
n-propylbenzene
Concen: 20.833 ug/l
RT: 12.757 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

Tgt Ion: 91 Resp: 248060
Ion Ratio Lower Upper
91 100
120 21.0 12.3 36.8

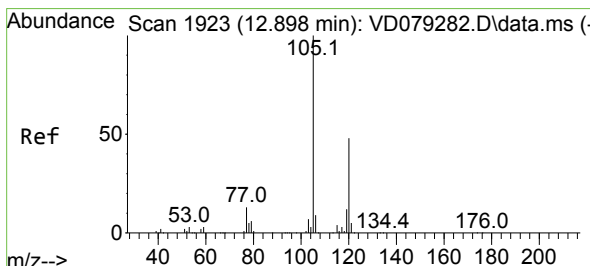
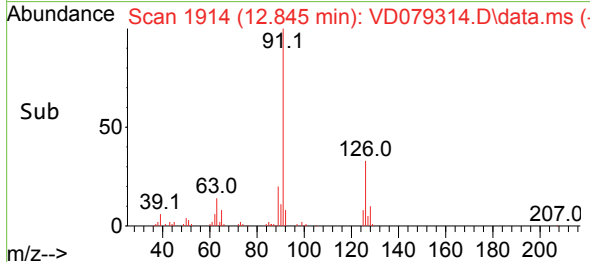
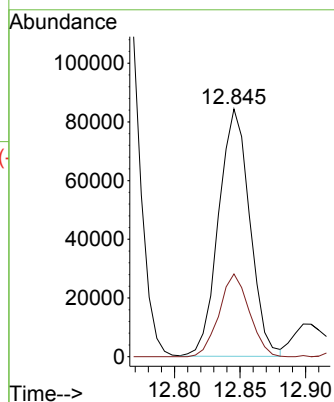
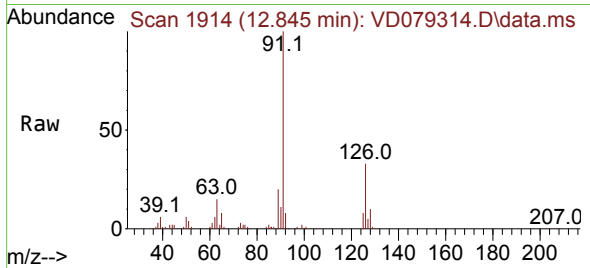




#79
2-Chlorotoluene
Concen: 20.968 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

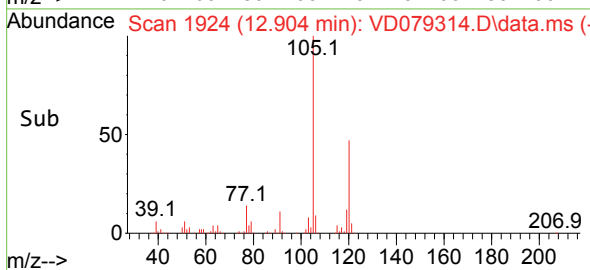
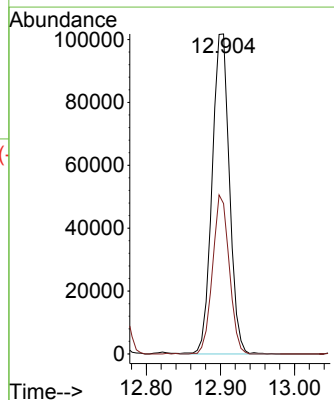
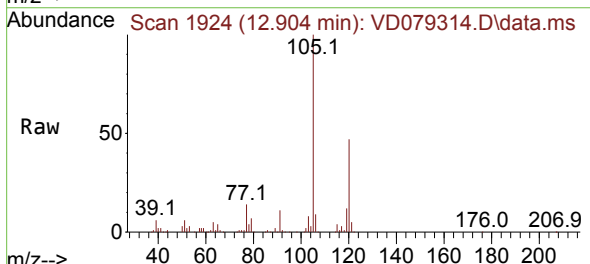
Instrument :
MSVOA_D
ClientSampleId :
VD0702SBSD01

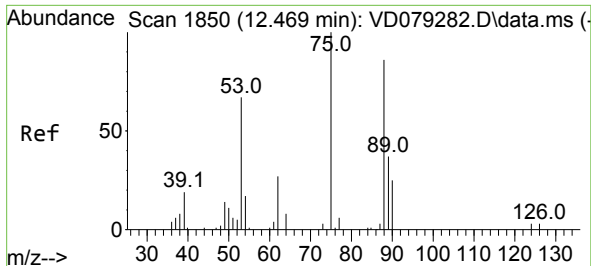
Tgt Ion: 91 Resp: 139585
Ion Ratio Lower Upper
91 100
126 32.2 19.3 57.8



#80
1,3,5-Trimethylbenzene
Concen: 20.989 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.006 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

Tgt Ion: 105 Resp: 165284
Ion Ratio Lower Upper
105 100
120 47.7 25.7 77.1

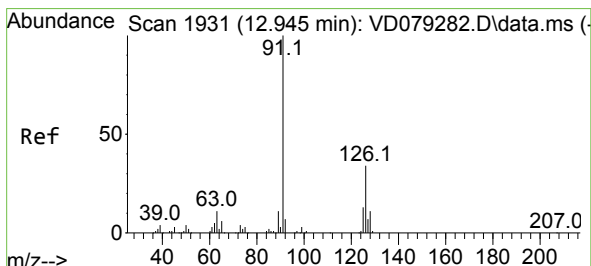
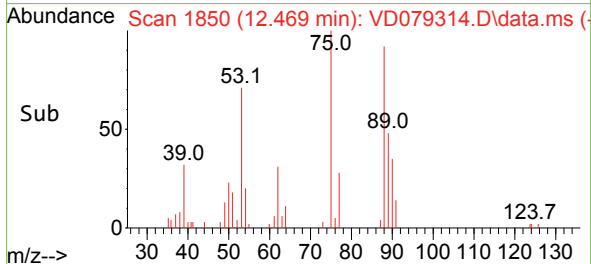
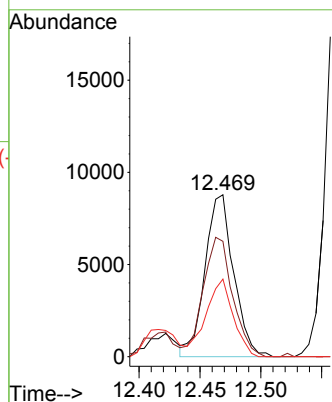
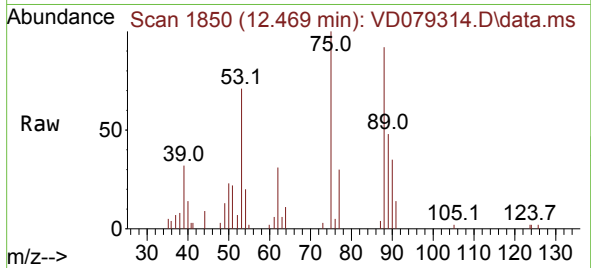




#81
trans-1,4-Dichloro-2-butene
Concen: 21.244 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

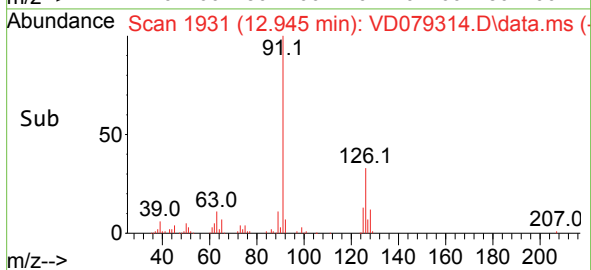
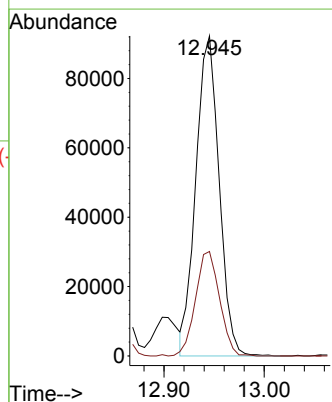
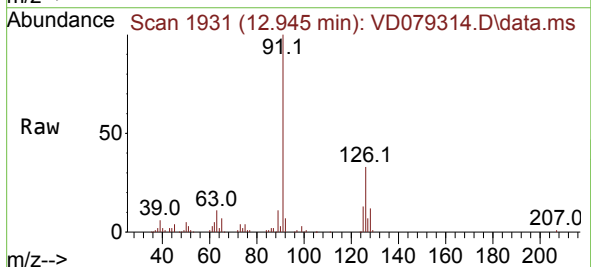
Instrument :
MSVOA_D
ClientSampleId :
VD0702SBSD01

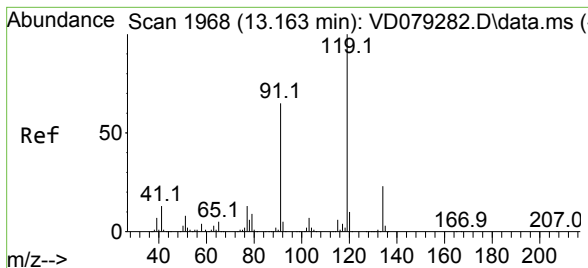
Tgt Ion: 75 Resp: 14335
Ion Ratio Lower Upper
75 100
53 76.2 61.4 92.2
89 45.3 35.4 53.0



#82
4-Chlorotoluene
Concen: 21.273 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

Tgt Ion: 91 Resp: 148787
Ion Ratio Lower Upper
91 100
126 33.8 18.9 56.9

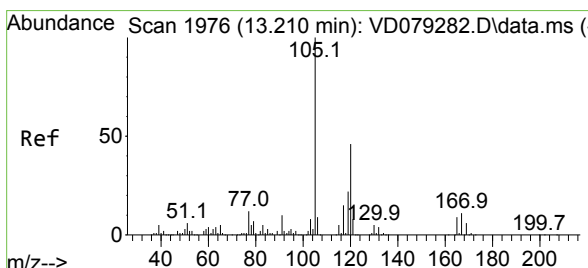
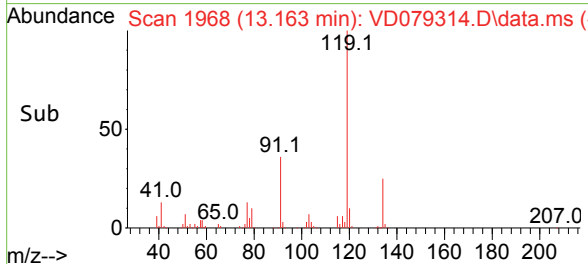
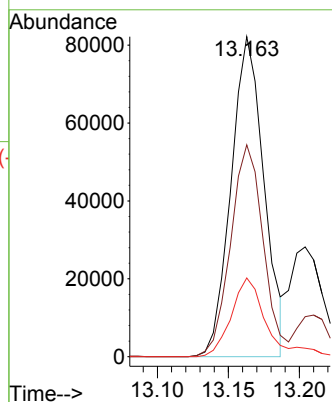
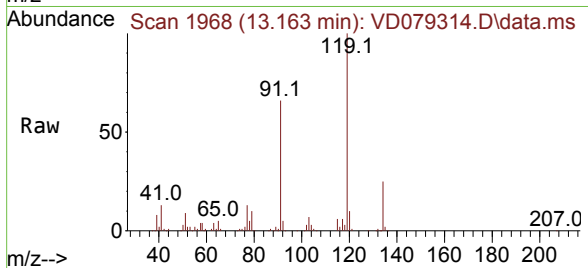




#83
tert-Butylbenzene
Concen: 20.800 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

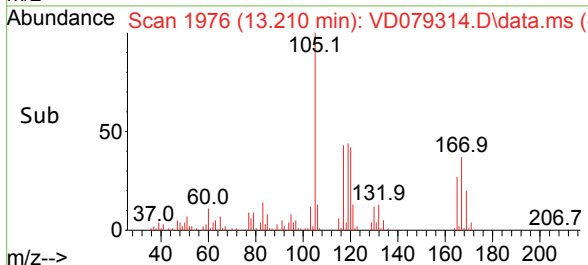
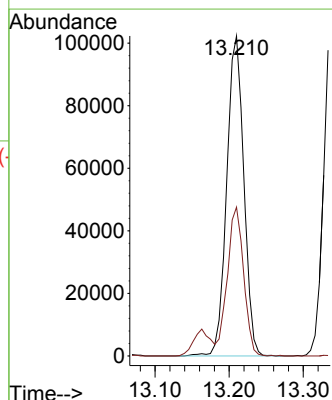
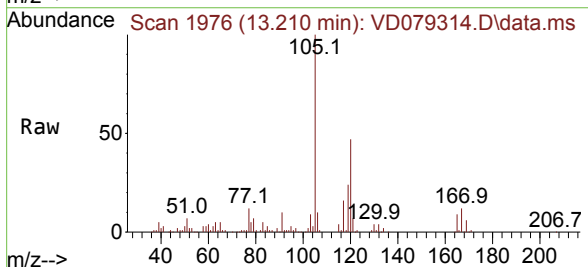
Instrument :
MSVOA_D
ClientSampleId :
VD0702SBSD01

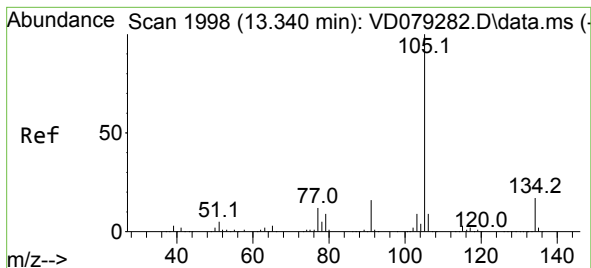
Tgt Ion:119 Resp: 132686
Ion Ratio Lower Upper
119 100
91 65.8 28.2 84.7
134 26.2 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 20.765 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

Tgt Ion:105 Resp: 163674
Ion Ratio Lower Upper
105 100
120 44.5 23.6 71.0





#85

sec-Butylbenzene

Concen: 20.951 ug/l

RT: 13.339 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VD079314.D

Acq: 02 Jul 2024 13:02

Instrument :

MSVOA_D

ClientSampleId :

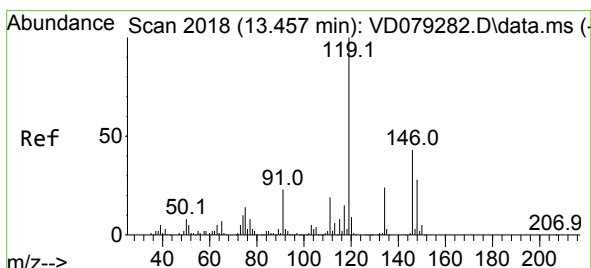
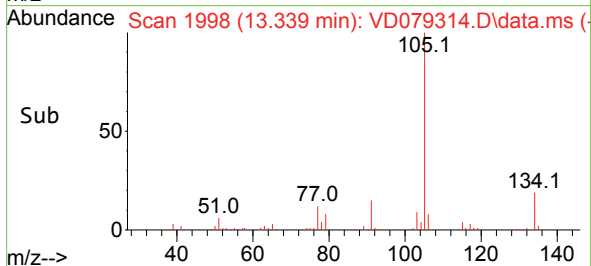
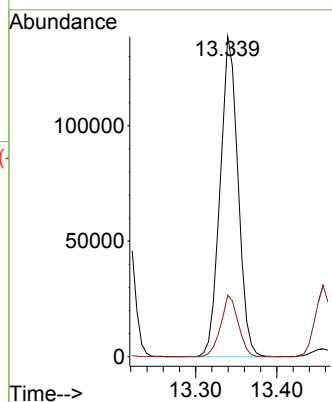
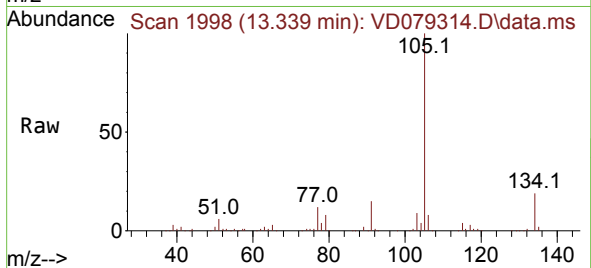
VD0702SBSD01

Tgt Ion:105 Resp: 212649

Ion Ratio Lower Upper

105 100

134 18.8 10.3 30.8



#86

p-Isopropyltoluene

Concen: 20.432 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079314.D

Acq: 02 Jul 2024 13:02

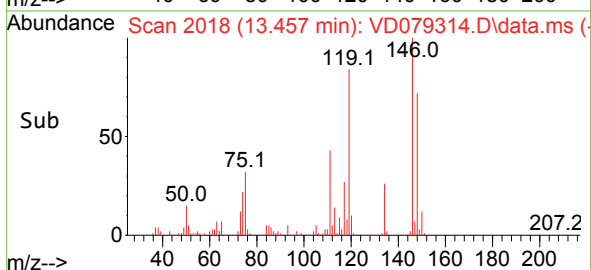
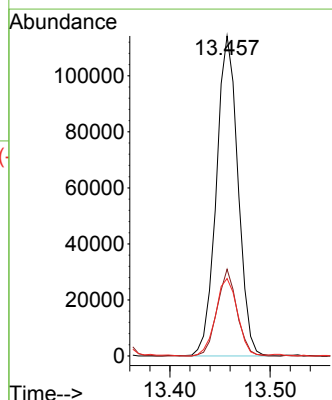
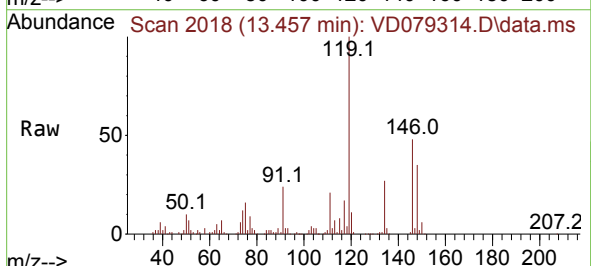
Tgt Ion:119 Resp: 171169

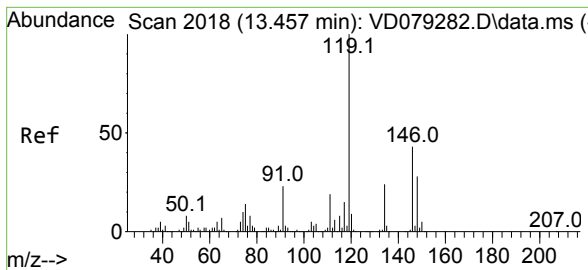
Ion Ratio Lower Upper

119 100

134 24.9 13.7 41.1

91 24.6 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.706 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079314.D

Acq: 02 Jul 2024 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD0702SBSD01

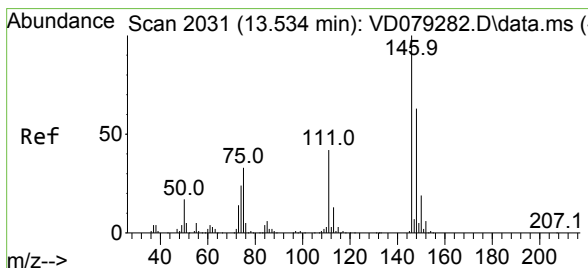
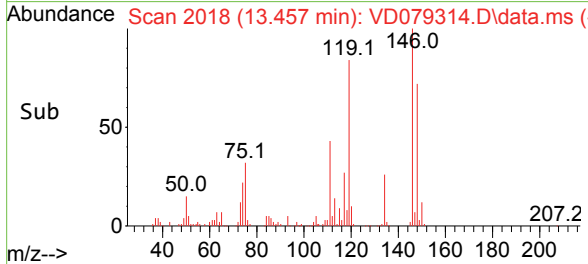
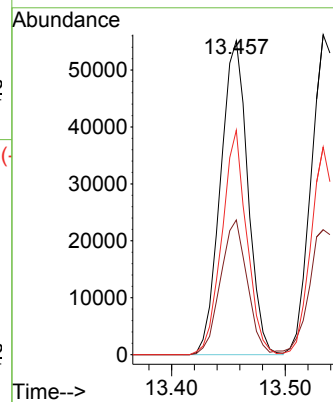
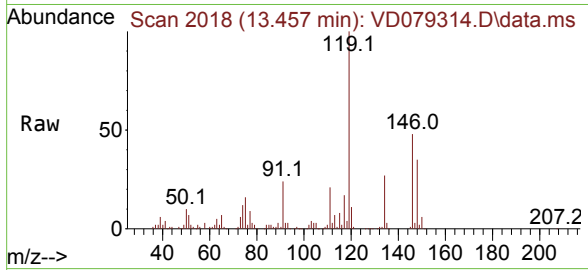
Tgt Ion:146 Resp: 92121

Ion Ratio Lower Upper

146 100

111 42.3 18.5 55.5

148 65.1 30.9 92.8



#88

1,4-Dichlorobenzene

Concen: 20.914 ug/l

RT: 13.533 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VD079314.D

Acq: 02 Jul 2024 13:02

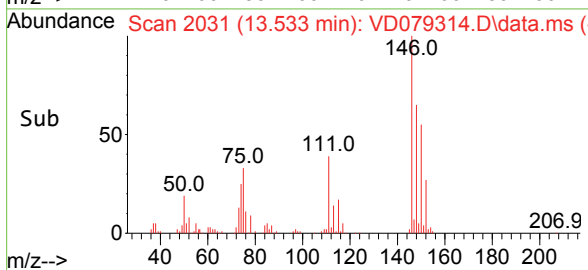
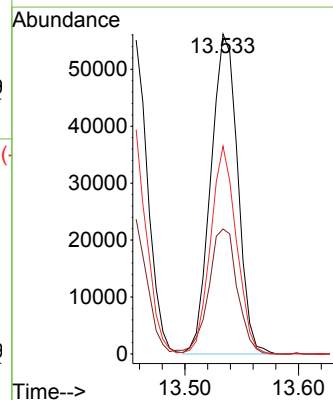
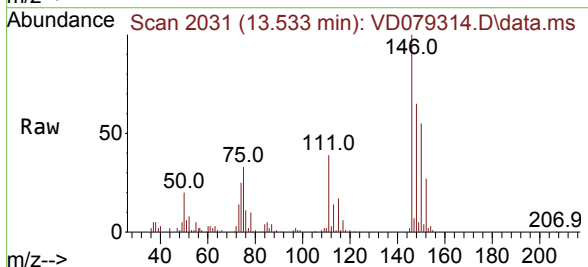
Tgt Ion:146 Resp: 92474

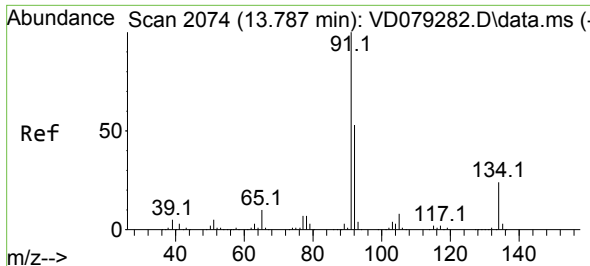
Ion Ratio Lower Upper

146 100

111 41.4 17.5 52.6

148 62.5 31.4 94.2

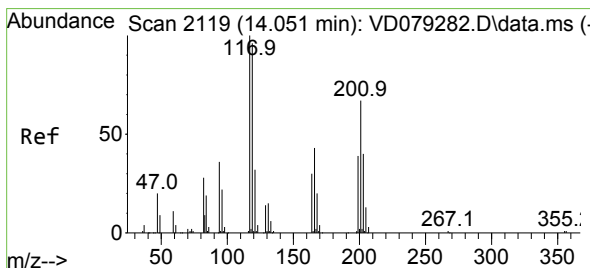
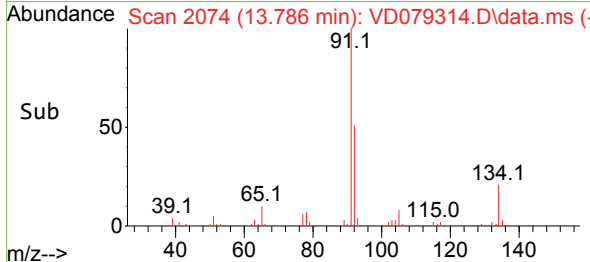
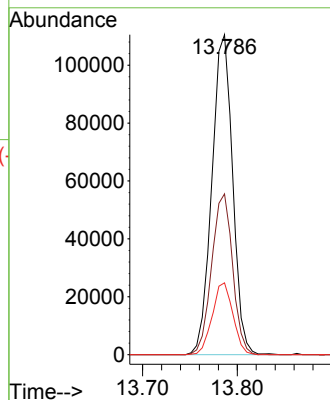
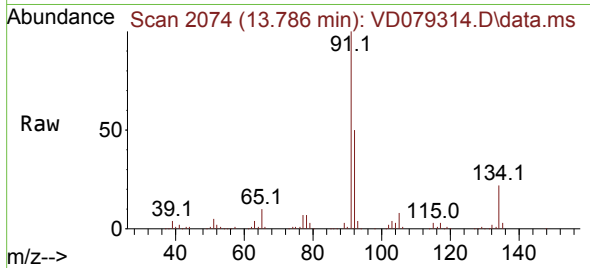




#89
n-Butylbenzene
Concen: 20.537 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

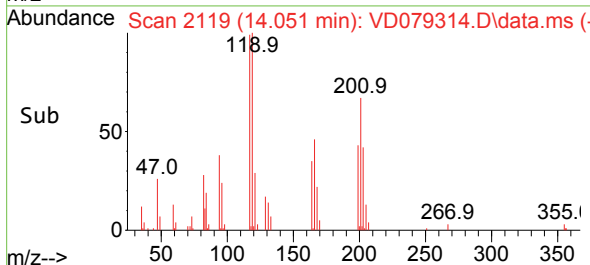
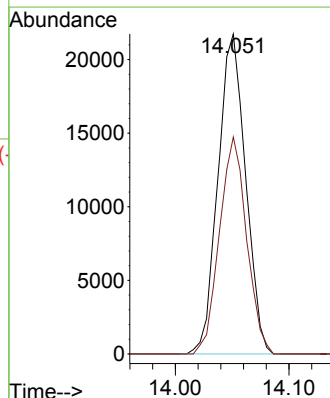
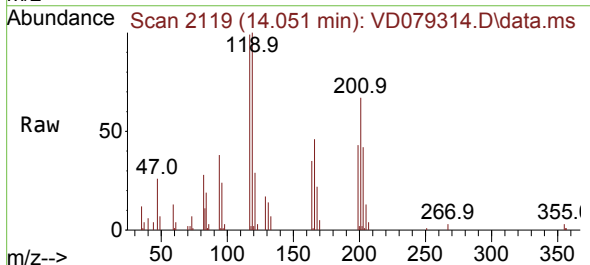
Instrument :
MSVOA_D
ClientSampleId :
VD0702SBSD01

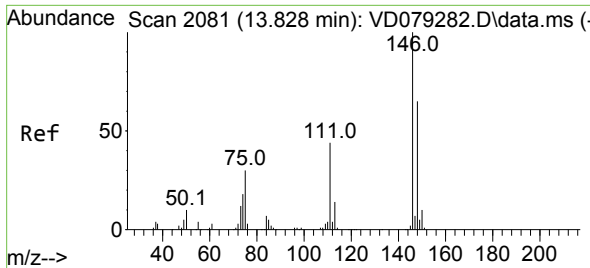
Tgt Ion: 91 Resp: 168825
Ion Ratio Lower Upper
91 100
92 50.7 25.7 77.0
134 22.4 13.6 40.8



#90
Hexachloroethane
Concen: 19.901 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD079314.D
Acq: 02 Jul 2024 13:02

Tgt Ion: 117 Resp: 36671
Ion Ratio Lower Upper
117 100
201 66.7 36.3 108.9





#91

1,2-Dichlorobenzene

Concen: 20.914 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD079314.D

Acq: 02 Jul 2024 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD0702SBSD01

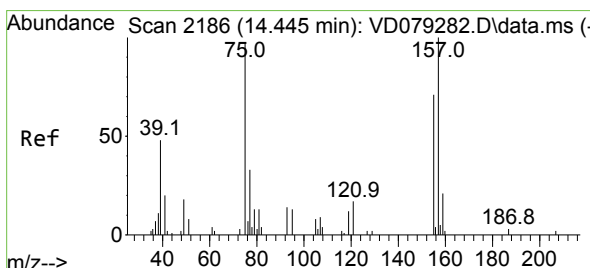
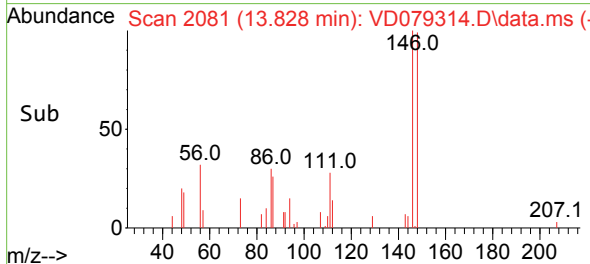
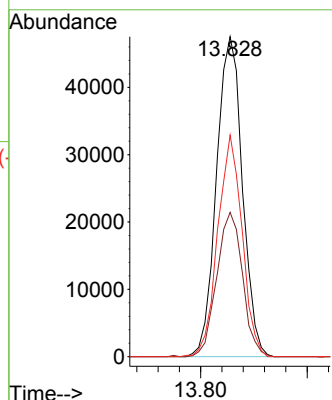
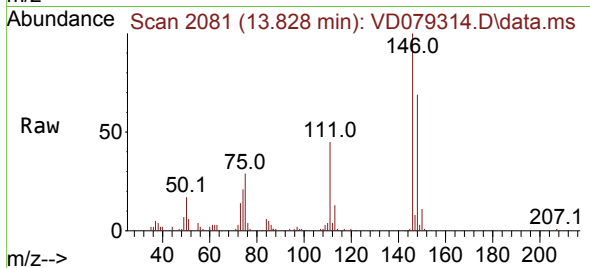
Tgt Ion:146 Resp: 80071

Ion Ratio Lower Upper

146 100

111 44.9 19.1 57.1

148 65.1 31.1 93.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.771 ug/l

RT: 14.439 min Scan# 2185

Delta R.T. -0.006 min

Lab File: VD079314.D

Acq: 02 Jul 2024 13:02

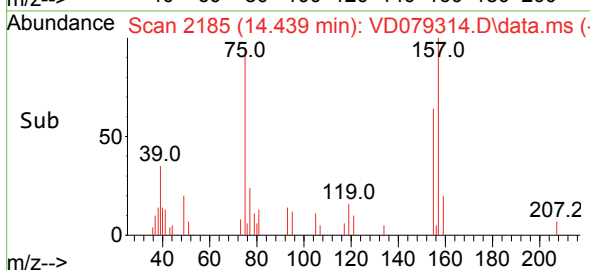
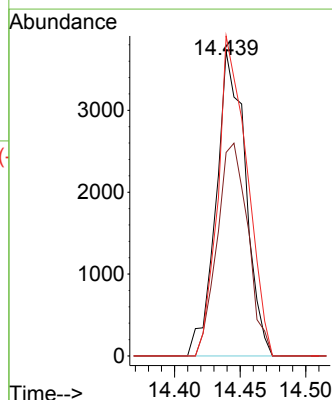
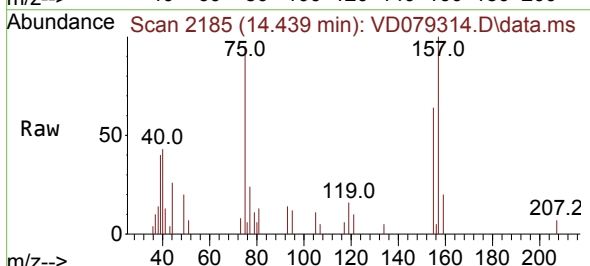
Tgt Ion: 75 Resp: 5787

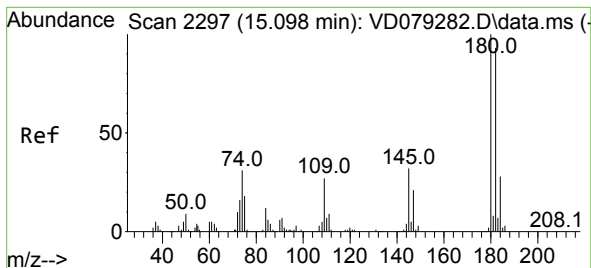
Ion Ratio Lower Upper

75 100

155 73.3 47.7 143.1

157 104.4 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 20.731 ug/l

RT: 15.092 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD079314.D

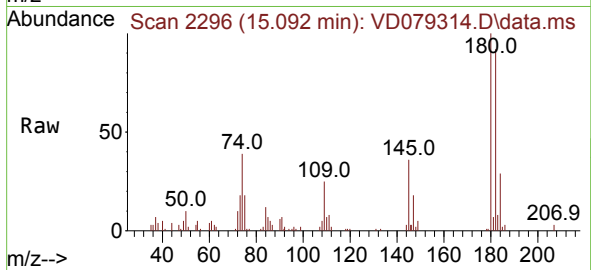
Acq: 02 Jul 2024 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD0702SBSD01



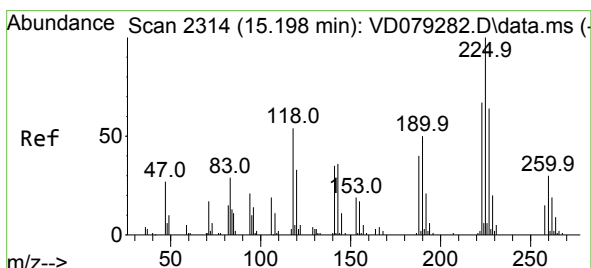
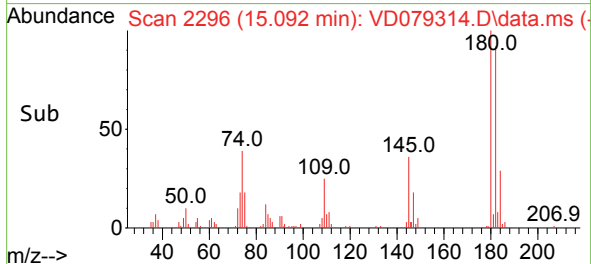
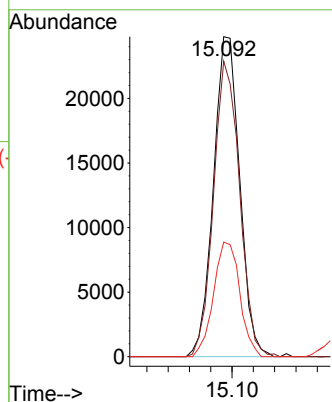
Tgt Ion:180 Resp: 42322

Ion Ratio Lower Upper

180 100

182 91.7 46.9 140.7

145 35.8 14.0 41.9



#94

Hexachlorobutadiene

Concen: 20.969 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.000 min

Lab File: VD079314.D

Acq: 02 Jul 2024 13:02

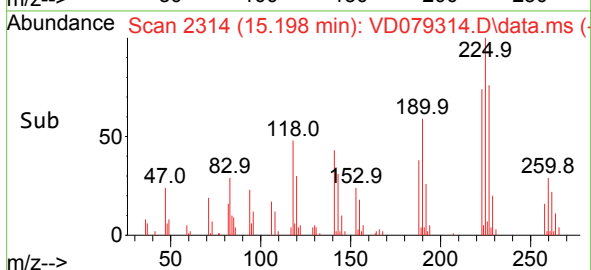
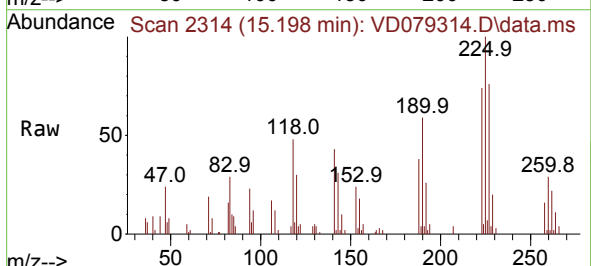
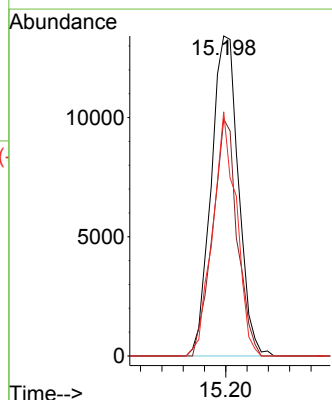
Tgt Ion:225 Resp: 23804

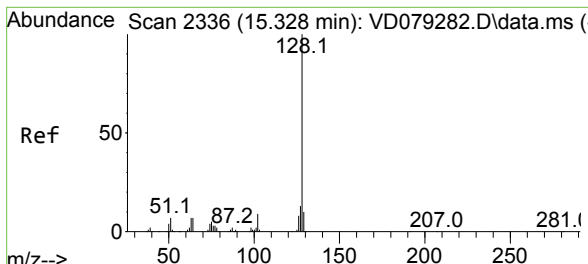
Ion Ratio Lower Upper

225 100

223 67.2 33.3 99.9

227 66.1 33.6 100.6

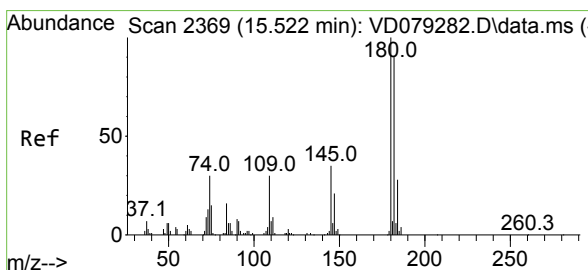
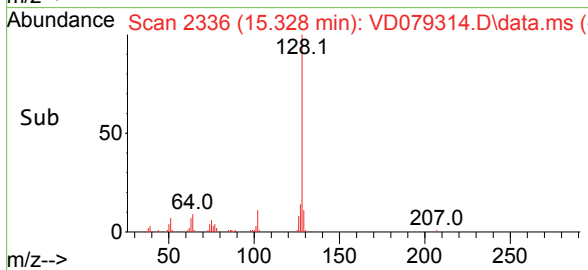
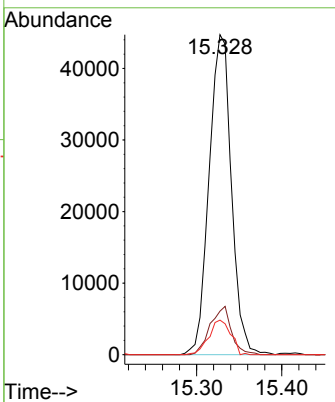
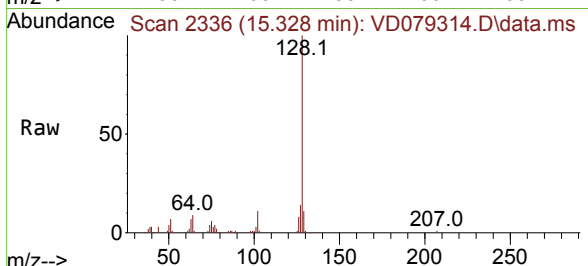




#95
 Naphthalene
 Concen: 20.384 ug/l
 RT: 15.328 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD079314.D
 Acq: 02 Jul 2024 13:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0702SBSD01

Tgt Ion:128	Resp:	81226
Ion Ratio	Lower	Upper
128	100	
127	13.6	10.2 15.4
129	10.8	8.5 12.7



#96
 1,2,3-Trichlorobenzene
 Concen: 21.649 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. 0.006 min
 Lab File: VD079314.D
 Acq: 02 Jul 2024 13:02

Tgt Ion:180	Resp:	39079
Ion Ratio	Lower	Upper
180	100	
182	90.3	47.8 143.3
145	33.1	16.1 48.2

