

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031224\
 Data File : VD078635.D
 Acq On : 12 Mar 2024 11:18
 Operator : RP/MD
 Sample : VD0312SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0312SBS01

Quant Time: Mar 13 03:03:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	112418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	190468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	181191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	95683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	63874	57.318	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.640%
35) Dibromofluoromethane	7.811	113	72103	58.195	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.400%
50) Toluene-d8	10.269	98	280049	58.168	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	116.340%
62) 4-Bromofluorobenzene	12.575	95	80135	58.276	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	116.560%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	21290	21.900	ug/l	97
3) Chloromethane	2.152	50	31309	16.619	ug/l	93
4) Vinyl Chloride	2.287	62	46773	16.927	ug/l	98
5) Bromomethane	2.693	94	46289	20.974	ug/l	100
6) Chloroethane	2.834	64	39645	19.357	ug/l	99
7) Trichlorofluoromethane	3.175	101	41622	22.276	ug/l	88
8) Diethyl Ether	3.593	74	12747	24.295	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.964	101	25958	22.043	ug/l	97
10) Methyl Iodide	4.164	142	26519	21.520	ug/l #	89
11) Tert butyl alcohol	5.052	59	5902	110.365	ug/l #	73
12) 1,1-Dichloroethene	3.940	96	23836	21.682	ug/l	98
13) Acrolein	3.799	56	10645	96.319	ug/l	98
14) Allyl chloride	4.564	41	26618	21.258	ug/l	94
15) Acrylonitrile	5.258	53	26647	123.191	ug/l	96
16) Acetone	4.023	43	27767	130.058	ug/l	91
17) Carbon Disulfide	4.270	76	67718	18.489	ug/l	98
18) Methyl Acetate	4.558	43	9135	22.605	ug/l	99
19) Methyl tert-butyl Ether	5.317	73	51256	22.931	ug/l	99
20) Methylene Chloride	4.805	84	32203	14.438	ug/l #	82
21) trans-1,2-Dichloroethene	5.317	96	28172	21.327	ug/l	95
22) Diisopropyl ether	6.216	45	64504	22.976	ug/l	93
23) Vinyl Acetate	6.158	43	197043	118.177	ug/l	98
24) 1,1-Dichloroethane	6.111	63	46684	22.011	ug/l	99
25) 2-Butanone	7.081	43	32923	122.250	ug/l	93
26) 2,2-Dichloropropane	7.075	77	38577	21.530	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	32168	22.240	ug/l	98
28) Bromochloromethane	7.422	49	19276	24.328	ug/l	95
29) Tetrahydrofuran	7.446	42	16710	111.684	ug/l	100
30) Chloroform	7.599	83	54144	23.643	ug/l	99
31) Cyclohexane	7.875	56	33827	19.394	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	43251	22.016	ug/l	98
36) 1,1-Dichloropropene	8.011	75	34357	20.039	ug/l	97
37) Ethyl Acetate	7.175	43	13302	23.945	ug/l #	88
38) Carbon Tetrachloride	7.993	117	38120	21.258	ug/l	94
39) Methylcyclohexane	9.269	83	38769	19.266	ug/l	93
40) Benzene	8.252	78	112747	22.186	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	7924	26.613	ug/l #	68
42) 1,2-Dichloroethane	8.322	62	29538	22.911	ug/l	97
43) Isopropyl Acetate	8.358	43	25057	23.527	ug/l	94
44) Trichloroethene	9.028	130	30525	21.889	ug/l	98
45) 1,2-Dichloropropane	9.305	63	27192	22.275	ug/l	100
46) Dibromomethane	9.393	93	17079	24.269	ug/l	93
47) Bromodichloromethane	9.581	83	39944	23.019	ug/l	93
48) Methyl methacrylate	9.381	41	11681	24.212	ug/l	85
49) 1,4-Dioxane	9.387	88	3485	492.920	ug/l #	75
51) 4-Methyl-2-Pentanone	10.157	43	68334	124.308	ug/l	91
52) Toluene	10.334	92	72495	22.233	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	36434	22.696	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	44026	22.906	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	23719	23.936	ug/l	95
56) Ethyl methacrylate	10.593	69	22518	22.672	ug/l #	85
57) 1,3-Dichloropropane	10.881	76	36339	22.629	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	60044	149.671	ug/l	98
59) 2-Hexanone	10.922	43	52188	127.995	ug/l	93
60) Dibromochloromethane	11.075	129	28788	24.060	ug/l	97
61) 1,2-Dibromoethane	11.175	107	22255	24.471	ug/l	95
64) Tetrachloroethene	10.810	164	24141	21.175	ug/l	94
65) Chlorobenzene	11.604	112	78269	21.936	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.681	131	29497	22.206	ug/l	98
67) Ethyl Benzene	11.687	91	130820	21.160	ug/l	99
68) m/p-Xylenes	11.793	106	107296	42.898	ug/l	95
69) o-Xylene	12.122	106	49010	21.600	ug/l	96
70) Styrene	12.134	104	85040	21.622	ug/l	98
71) Bromoform	12.299	173	16929	23.956	ug/l #	98
73) Isopropylbenzene	12.422	105	126957	20.932	ug/l	97
74) N-amyl acetate	12.234	43	22597	22.135	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	27667	23.811	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	29834	40.825	ug/l #	100
77) Bromobenzene	12.699	156	32004	21.818	ug/l	88
78) n-propylbenzene	12.763	91	161433	21.759	ug/l	97
79) 2-Chlorotoluene	12.851	91	85949	21.589	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	105749	21.426	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	9184	26.900	ug/l	89
82) 4-Chlorotoluene	12.946	91	92657	21.838	ug/l	97
83) tert-Butylbenzene	13.163	119	92288	21.716	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	107402	21.290	ug/l	99
85) sec-Butylbenzene	13.346	105	141802	21.388	ug/l	96
86) p-Isopropyltoluene	13.463	119	117774	21.102	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	65212	20.806	ug/l	95
88) 1,4-Dichlorobenzene	13.534	146	69088	22.001	ug/l	99
89) n-Butylbenzene	13.787	91	107118	20.538	ug/l	99
90) Hexachloroethane	14.051	117	25269	22.267	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	59247	22.254	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.440	75	3591	23.186	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	34241	21.719	ug/l	99
94) Hexachlorobutadiene	15.204	225	18694	21.551	ug/l	99
95) Naphthalene	15.334	128	61168	21.957	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	31541	22.527	ug/l	98

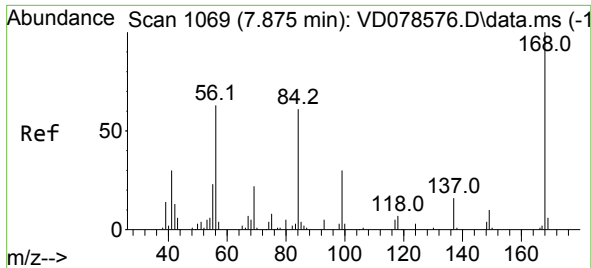
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Response via : Initial Calibration

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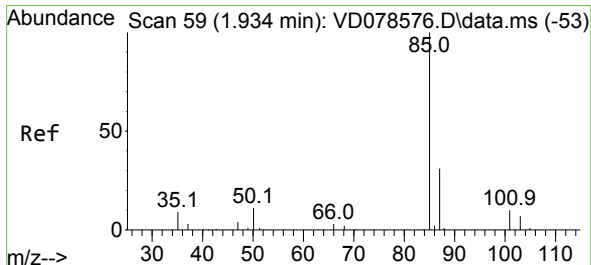
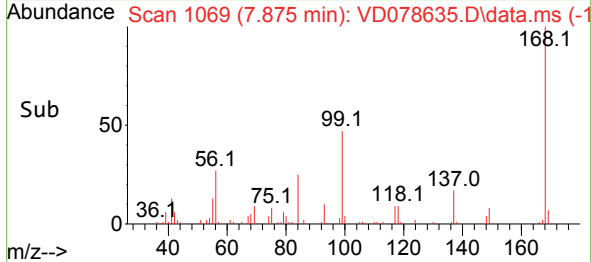
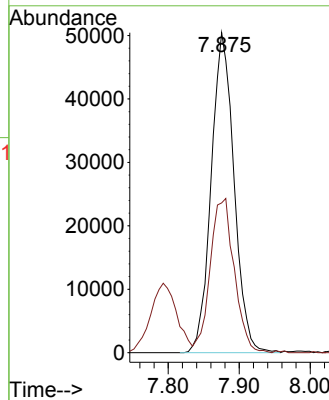
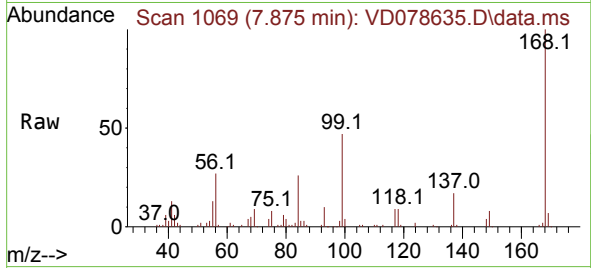
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

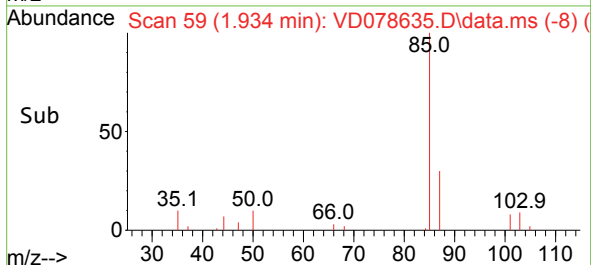
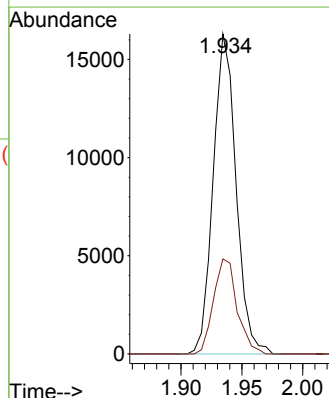
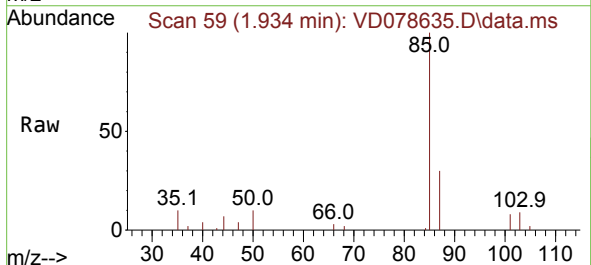
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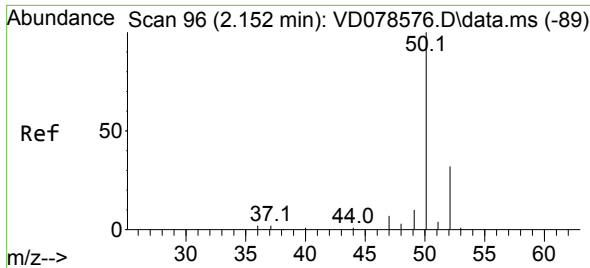
Tgt Ion:168 Resp: 112418
Ion Ratio Lower Upper
168 100
99 46.5 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 21.900 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

Tgt Ion: 85 Resp: 21290
Ion Ratio Lower Upper
85 100
87 29.7 15.7 47.0

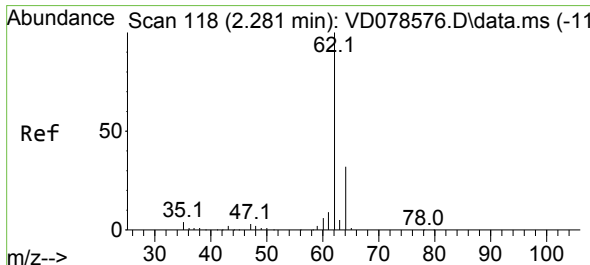
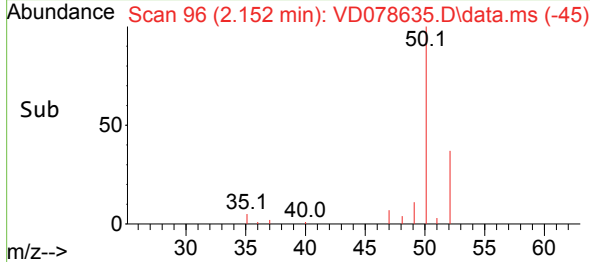
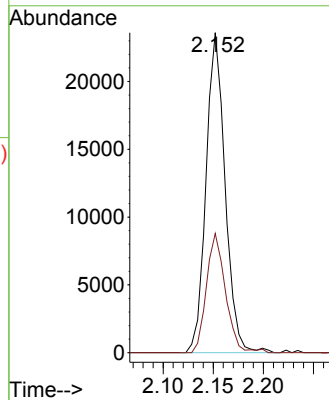
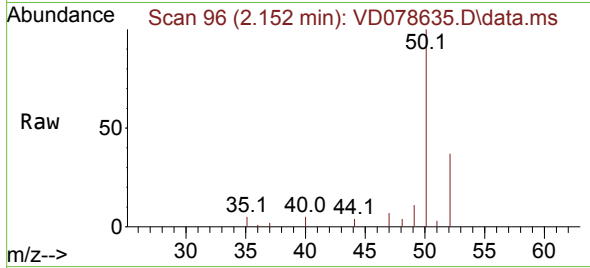




#3
Chloromethane
Concen: 16.619 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

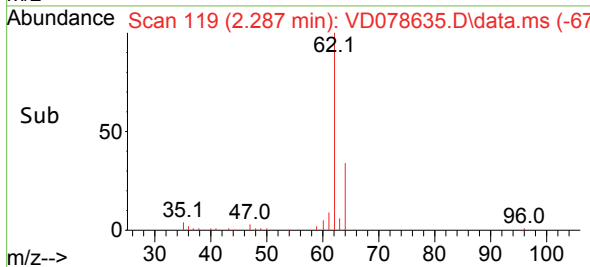
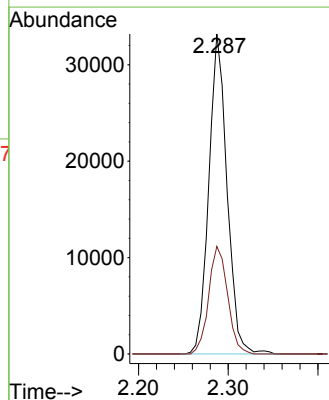
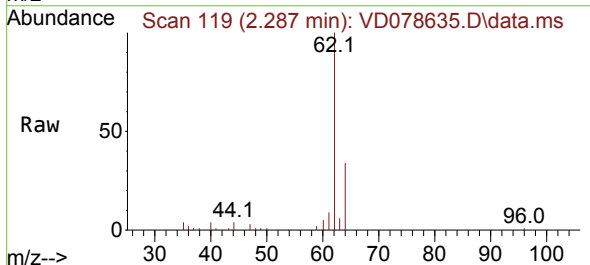
Instrument :
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ClientSampleId :
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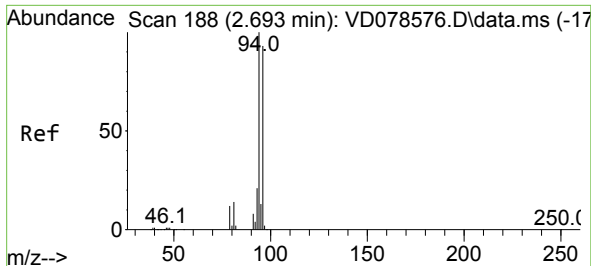
Tgt Ion: 50 Resp: 31309
Ion Ratio Lower Upper
50 100
52 37.3 26.6 40.0



#4
Vinyl Chloride
Concen: 16.927 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.006 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

Tgt Ion: 62 Resp: 46773
Ion Ratio Lower Upper
62 100
64 33.6 26.0 39.0

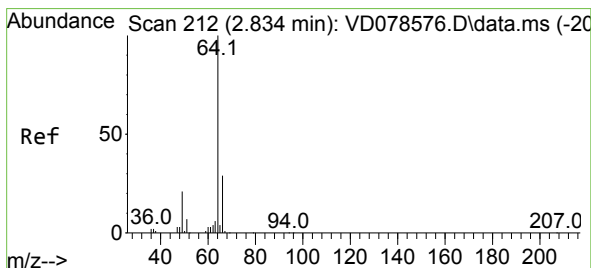
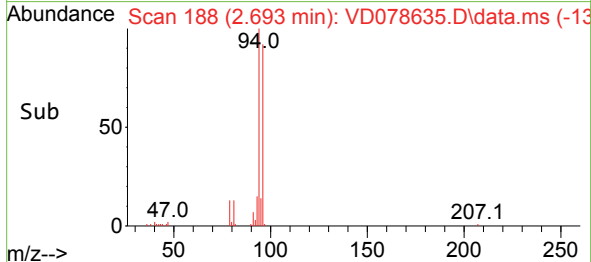
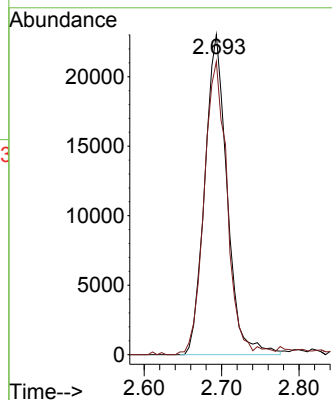
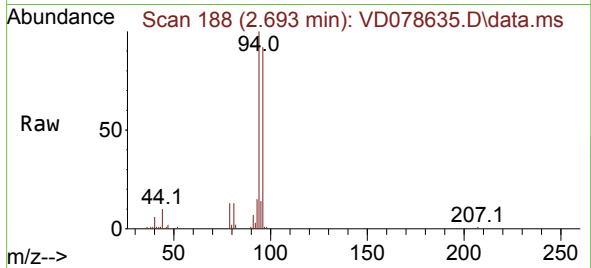




#5
Bromomethane
Concen: 20.974 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

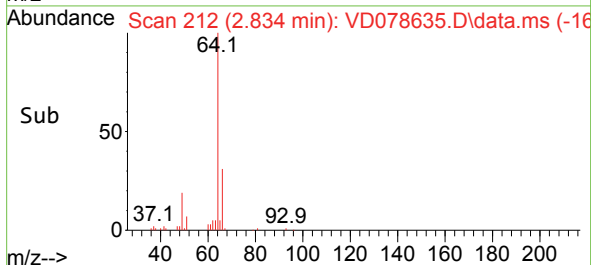
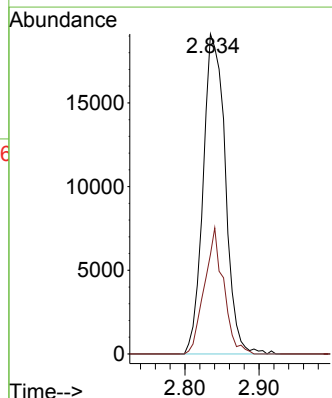
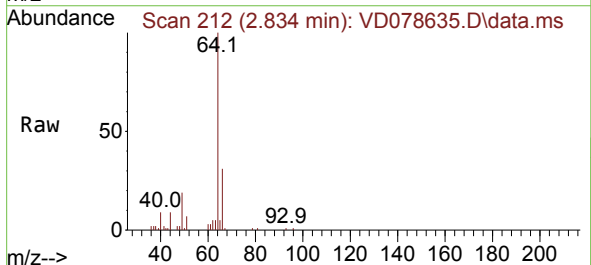
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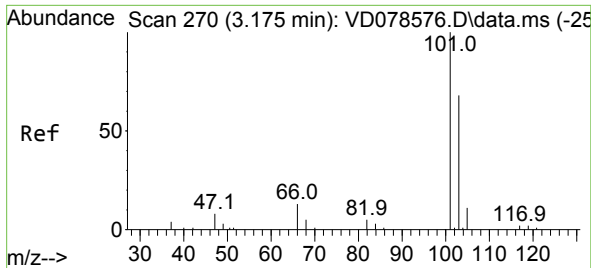
Tgt Ion: 94 Resp: 46289
Ion Ratio Lower Upper
94 100
96 94.8 75.8 113.8



#6
Chloroethane
Concen: 19.357 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

Tgt Ion: 64 Resp: 39645
Ion Ratio Lower Upper
64 100
66 31.1 25.5 38.3

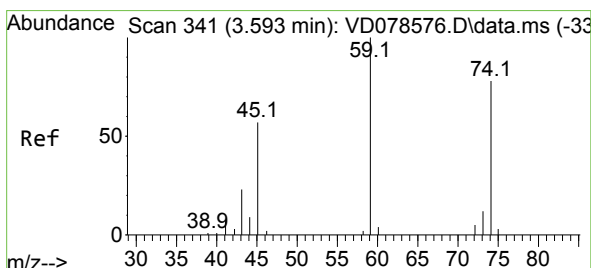
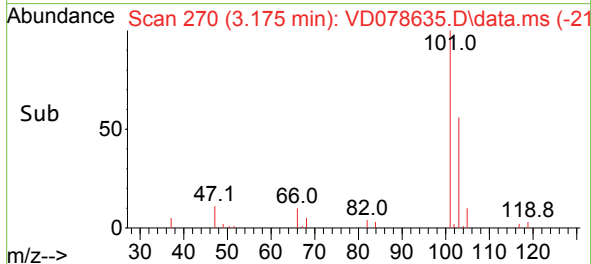
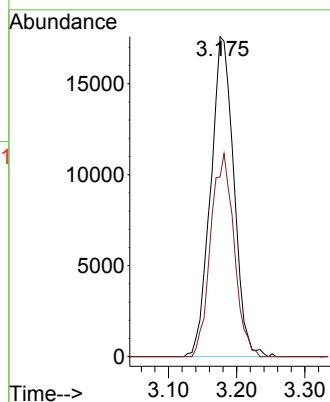
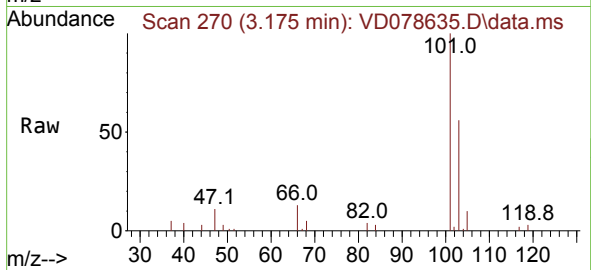




#7
 Trichlorofluoromethane
 Concen: 22.276 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078635.D
 Acq: 12 Mar 2024 11:18

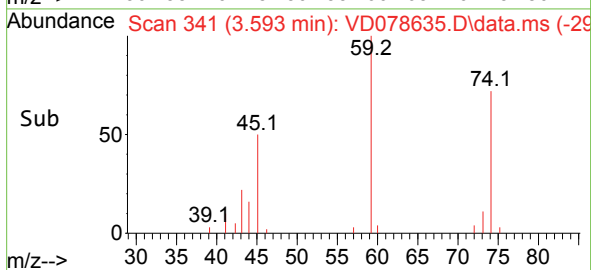
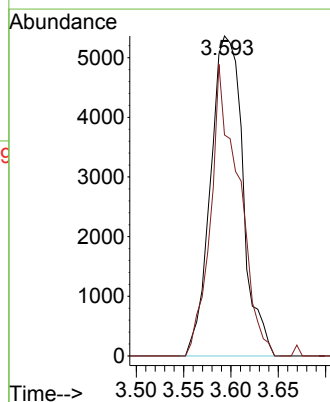
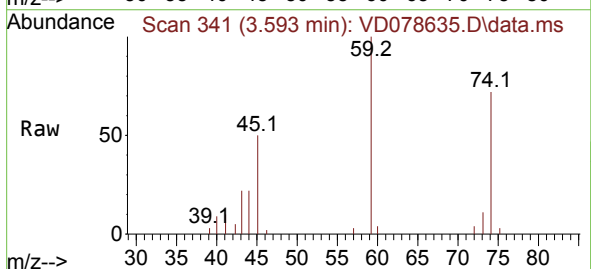
Instrument :
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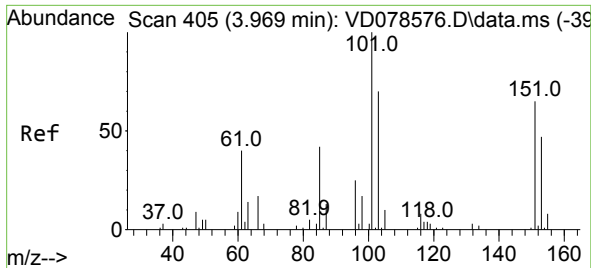
Tgt Ion:101 Resp: 41622
 Ion Ratio Lower Upper
 101 100
 103 56.1 52.3 78.5



#8
 Diethyl Ether
 Concen: 24.295 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD078635.D
 Acq: 12 Mar 2024 11:18

Tgt Ion: 74 Resp: 12747
 Ion Ratio Lower Upper
 74 100
 45 79.4 37.5 112.7

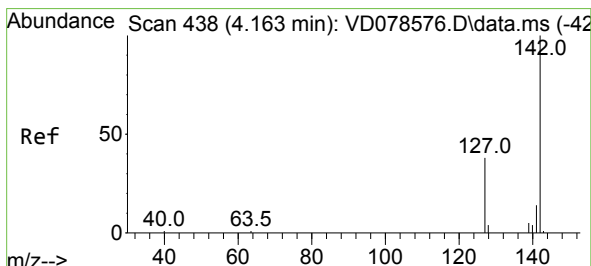
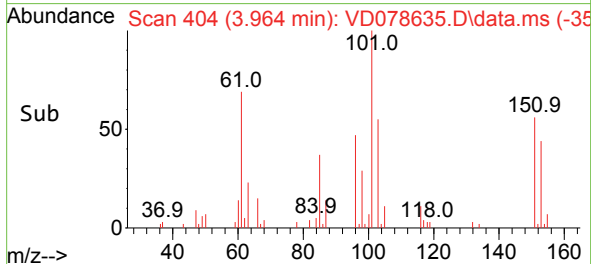
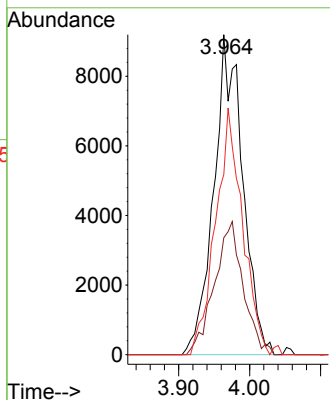
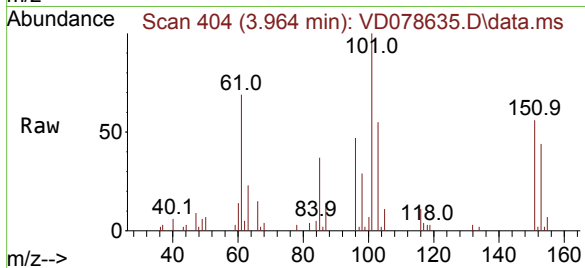




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.043 ug/l
RT: 3.964 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD078635.D
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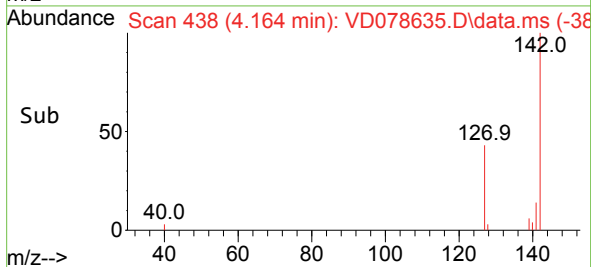
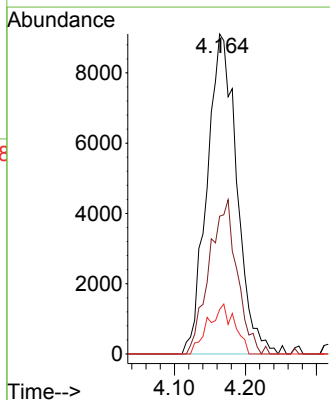
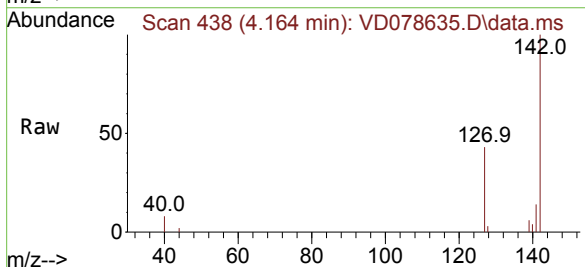
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBS01

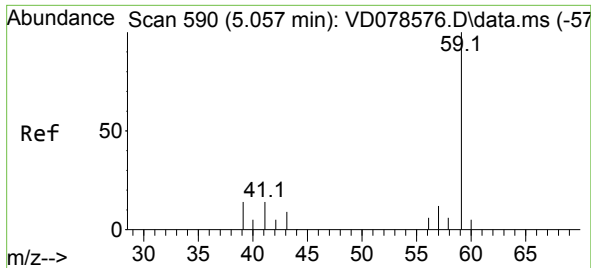
Tgt Ion:	101	Resp:	25958
Ion	Ratio	Lower	Upper
101	100		
85	41.7	33.8	50.6
151	71.7	59.8	89.6



#10
Methyl Iodide
Concen: 21.520 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

Tgt Ion:	142	Resp:	26519
Ion	Ratio	Lower	Upper
142	100		
127	45.3	29.4	44.0#
141	13.8	11.1	16.7

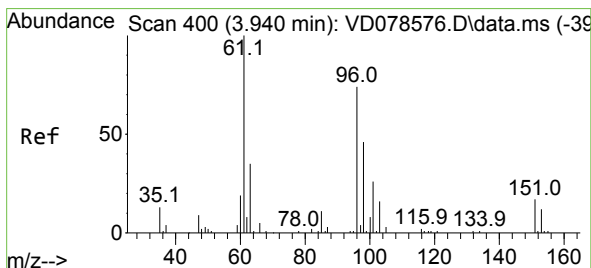
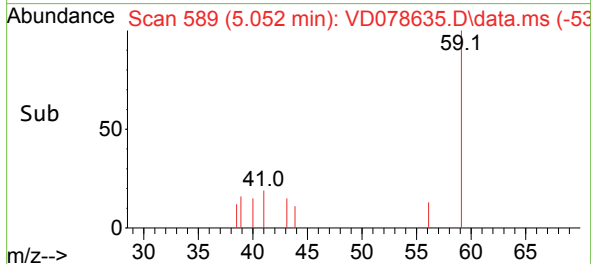
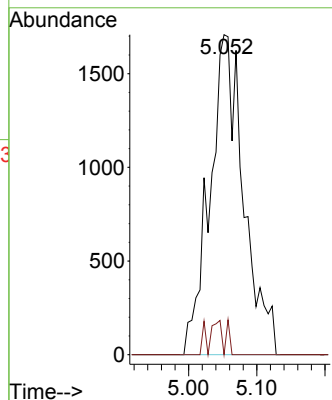
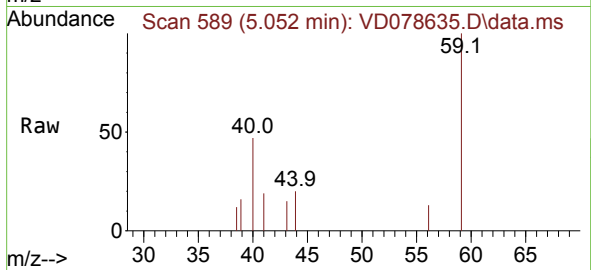




#11
Tert butyl alcohol
Concen: 110.365 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.005 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

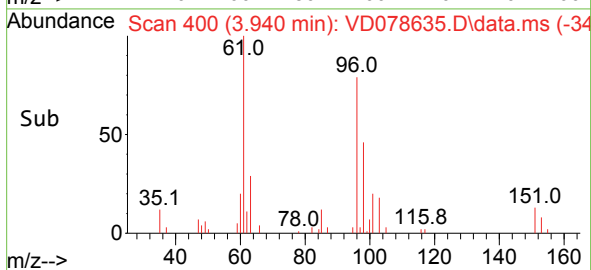
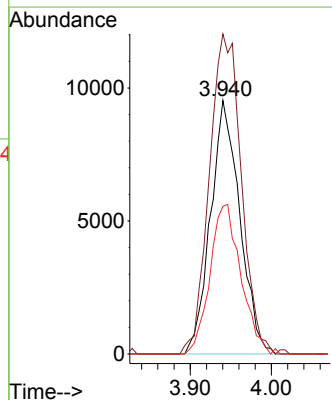
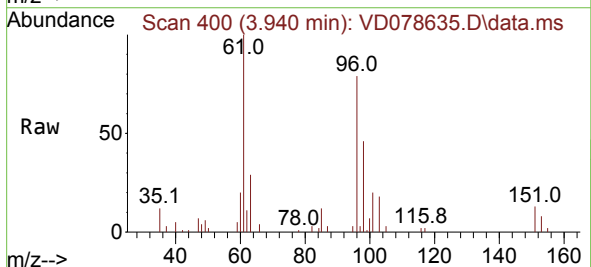
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBS01

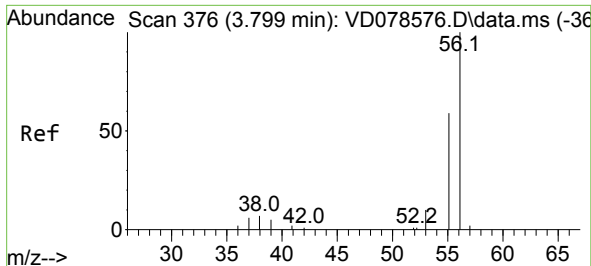
Tgt Ion: 59 Resp: 5902
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 21.682 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

Tgt Ion: 96 Resp: 23836
Ion Ratio Lower Upper
96 100
61 126.2 100.6 150.8
98 58.2 50.2 75.2





#13

Acrolein

Concen: 96.319 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD078635.D

Acq: 12 Mar 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

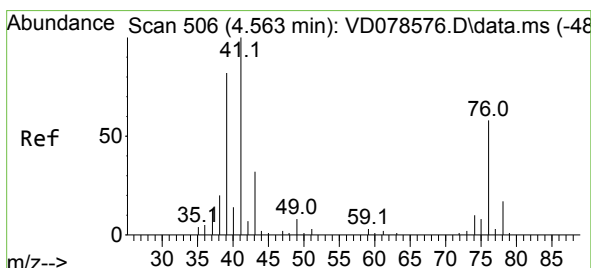
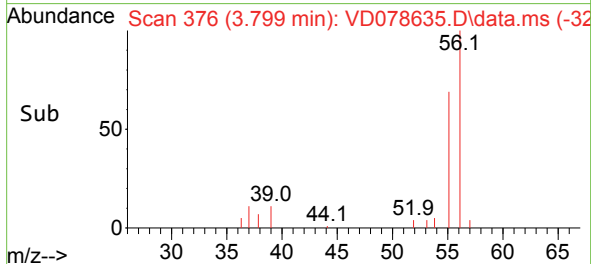
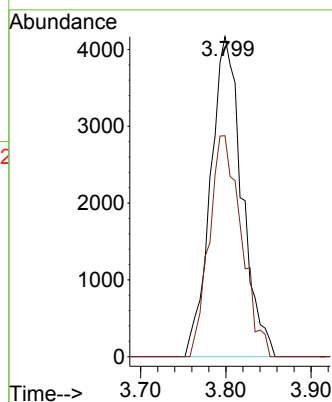
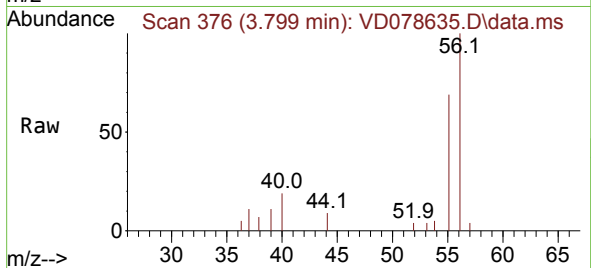
VD0312SBS01

Tgt Ion: 56 Resp: 10645

Ion Ratio Lower Upper

56 100

55 70.9 55.1 82.7



#14

Allyl chloride

Concen: 21.258 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD078635.D

Acq: 12 Mar 2024 11:18

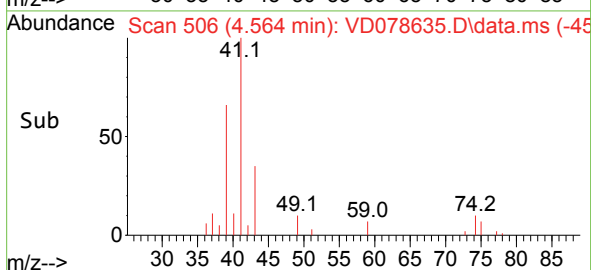
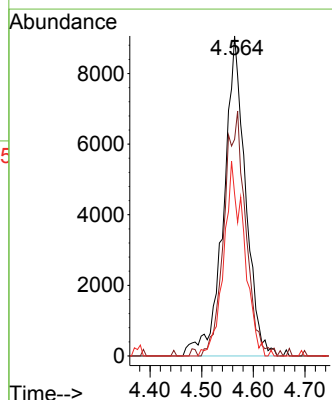
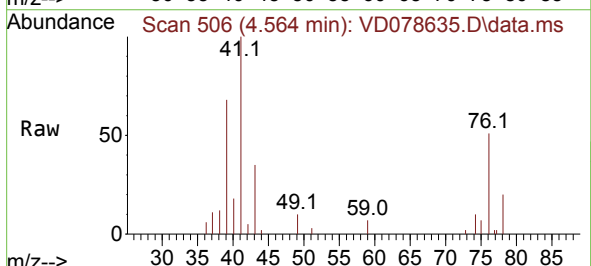
Tgt Ion: 41 Resp: 26618

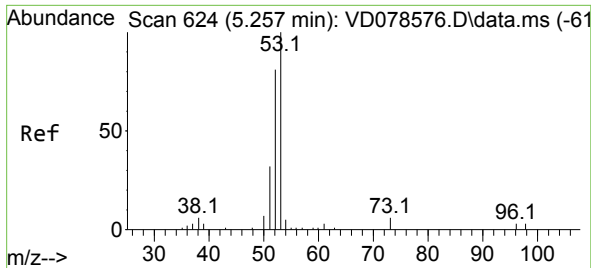
Ion Ratio Lower Upper

41 100

39 75.6 53.8 80.6

76 56.5 45.8 68.8

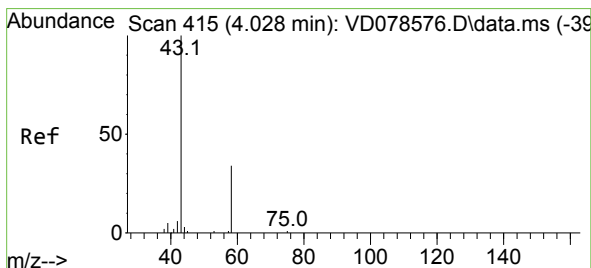
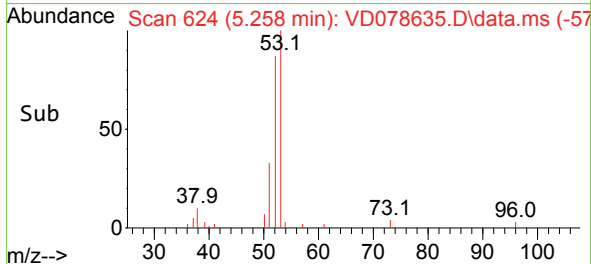
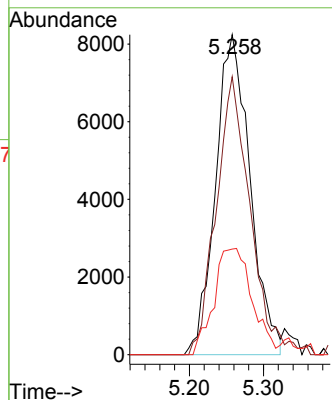
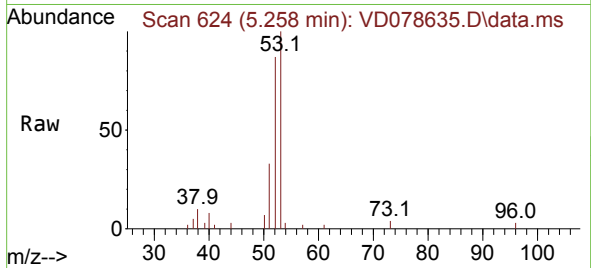




#15
Acrylonitrile
Concen: 123.191 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

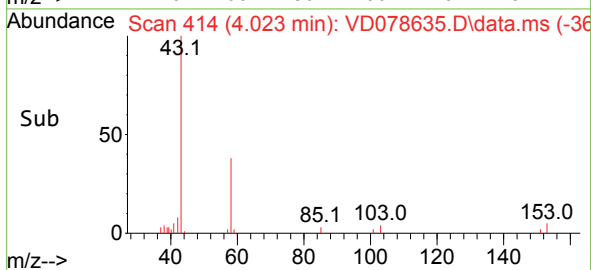
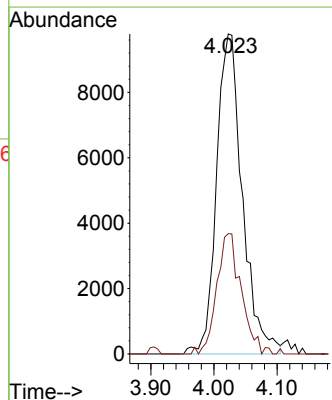
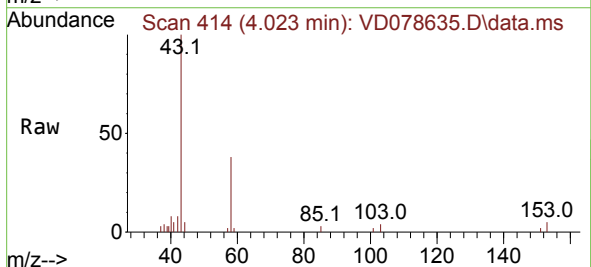
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBS01

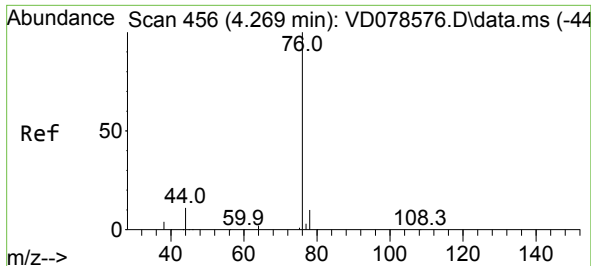
Tgt Ion:	53	Resp:	26647
Ion	Ratio	Lower	Upper
53	100		
52	85.7	65.0	97.4
51	36.7	28.3	42.5



#16
Acetone
Concen: 130.058 ug/l
RT: 4.023 min Scan# 414
Delta R.T. -0.005 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

Tgt Ion:	43	Resp:	27767
Ion	Ratio	Lower	Upper
43	100		
58	37.6	34.7	52.1

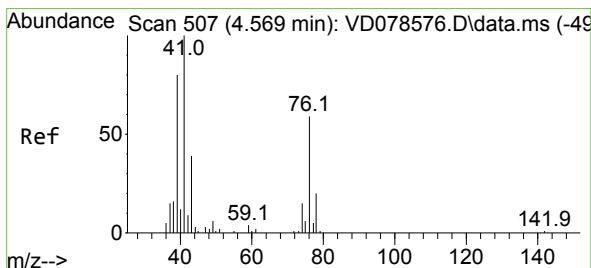
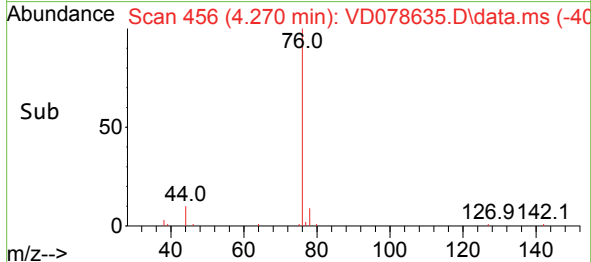
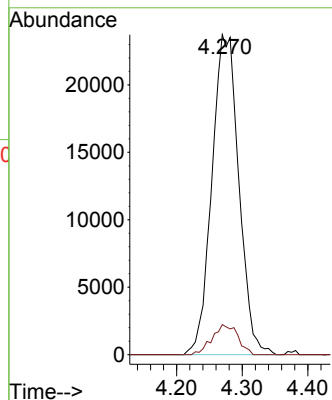
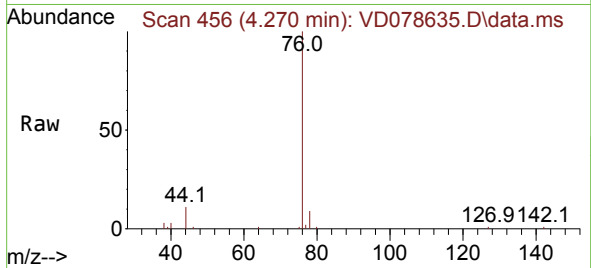




#17
Carbon Disulfide
Concen: 18.489 ug/l
RT: 4.270 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

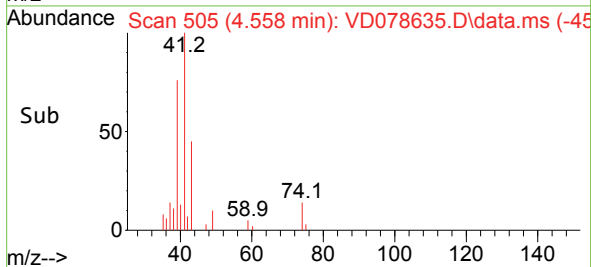
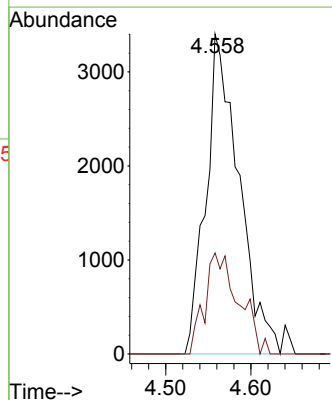
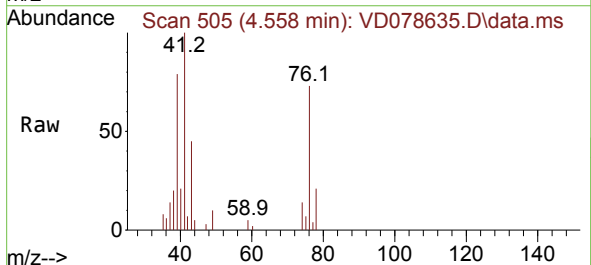
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBS01

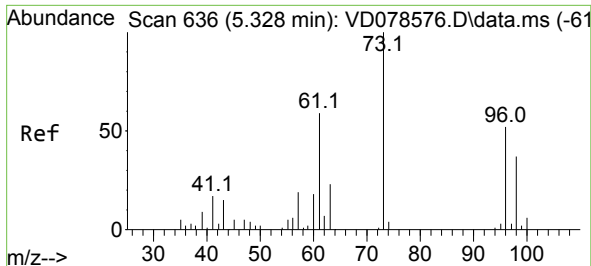
Tgt Ion: 76 Resp: 67718
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 22.605 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.011 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

Tgt Ion: 43 Resp: 9135
Ion Ratio Lower Upper
43 100
74 32.5 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 22.931 ug/l

RT: 5.317 min Scan# 61

Delta R.T. -0.011 min

Lab File: VD078635.D

Acq: 12 Mar 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

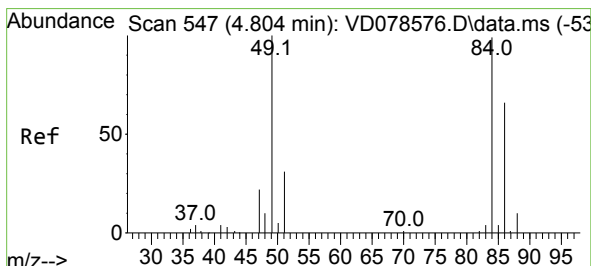
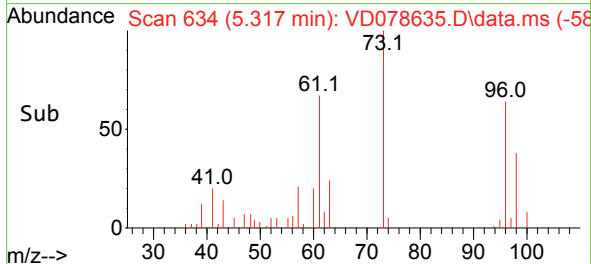
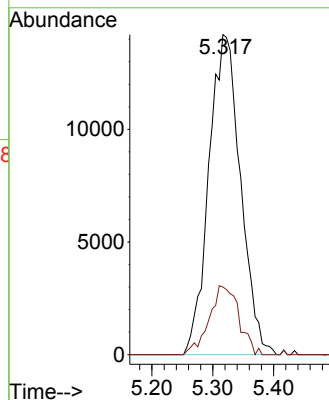
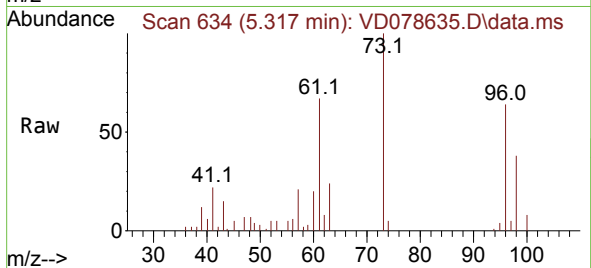
VD0312SBS01

Tgt Ion: 73 Resp: 51256

Ion Ratio Lower Upper

73 100

57 21.1 16.6 25.0



#20

Methylene Chloride

Concen: 14.438 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.001 min

Lab File: VD078635.D

Acq: 12 Mar 2024 11:18

Tgt Ion: 84 Resp: 32203

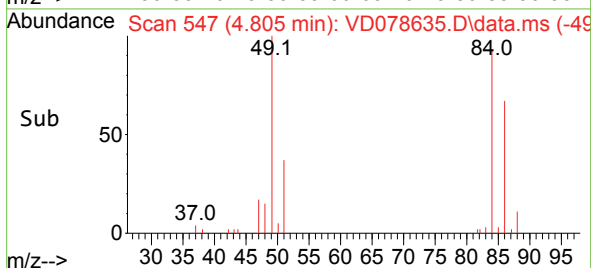
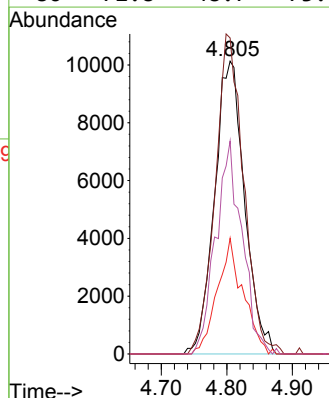
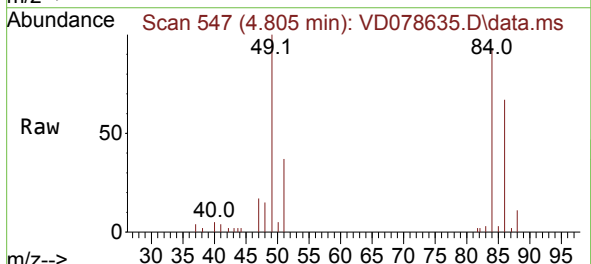
Ion Ratio Lower Upper

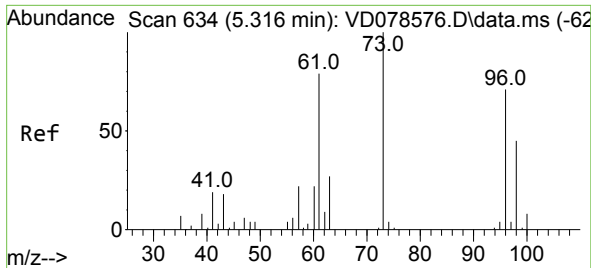
84 100

49 107.9 71.4 107.2#

51 39.5 24.5 36.7#

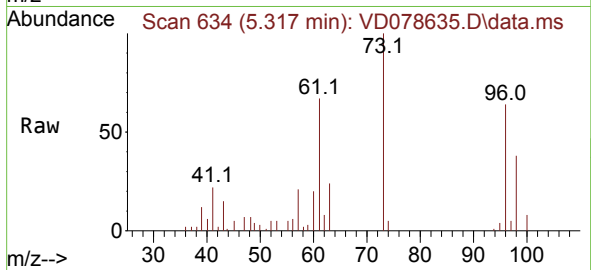
86 72.8 48.7 73.1





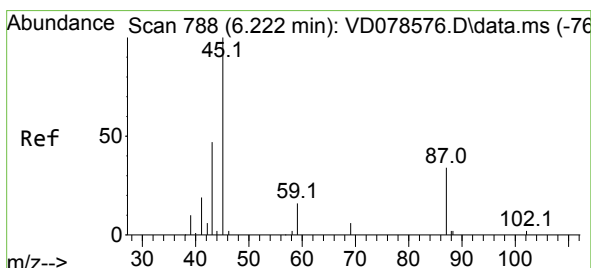
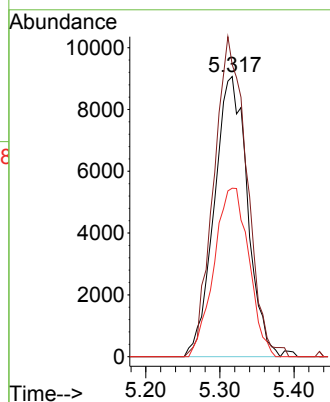
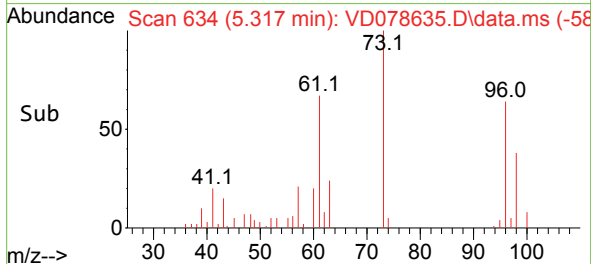
#21
trans-1,2-Dichloroethene
Concen: 21.327 ug/l
RT: 5.317 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

Instrument :
MSVOA_D
ClientSampleId :
VD0312SBS01

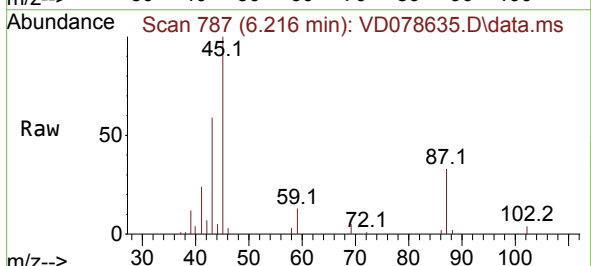


Tgt Ion: 96 Resp: 28172

Ion	Ratio	Lower	Upper
96	100		
61	104.2	89.3	133.9
98	60.1	48.6	73.0

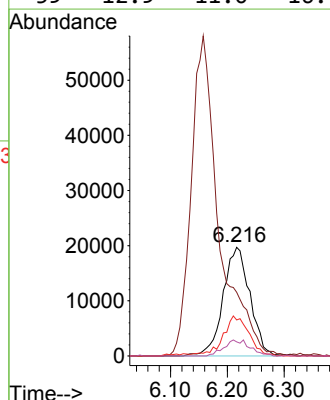
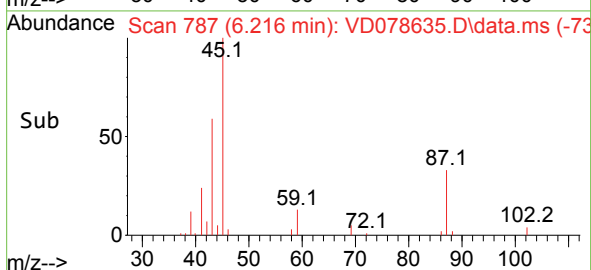


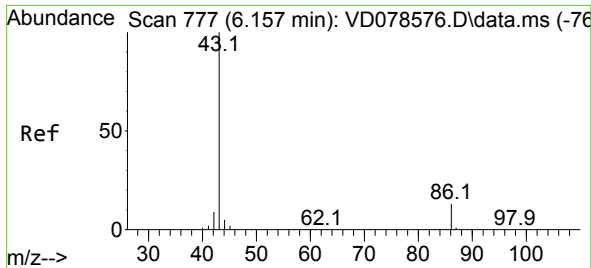
#22
Diisopropyl ether
Concen: 22.976 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.005 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18



Tgt Ion: 45 Resp: 64504

Ion	Ratio	Lower	Upper
45	100		
43	56.3	40.0	60.0
87	32.3	28.2	42.4
59	12.9	11.0	16.4

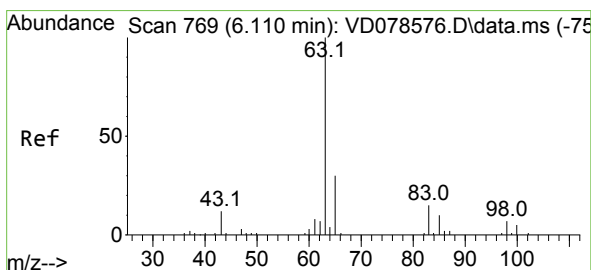
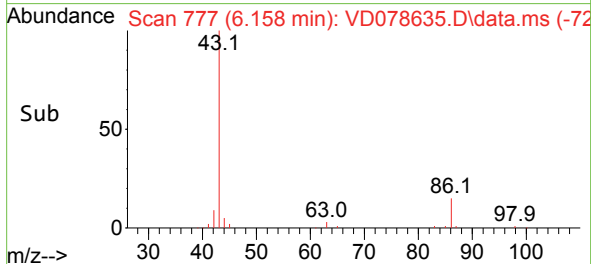
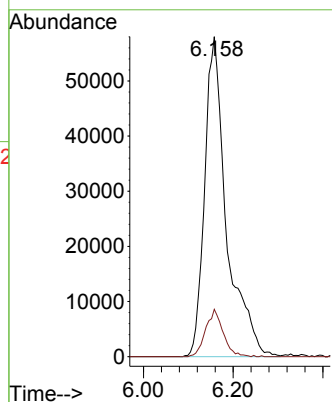
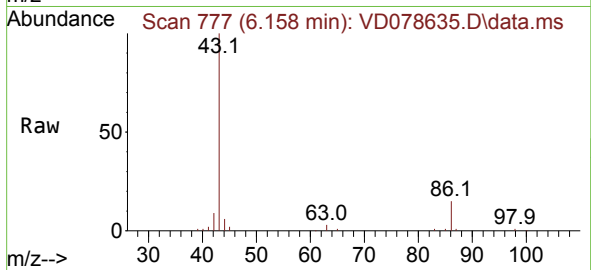




#23
 Vinyl Acetate
 Concen: 118.177 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD078635.D
 Acq: 12 Mar 2024 11:18

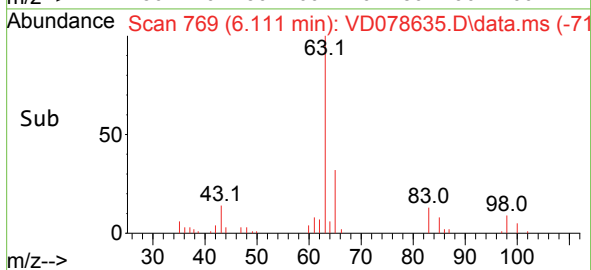
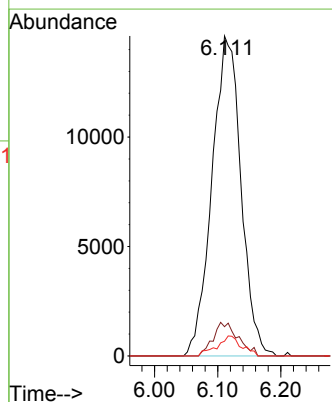
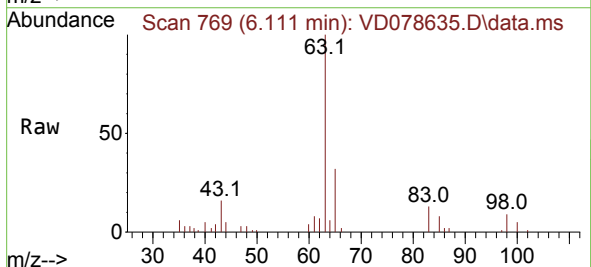
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0312SBS01

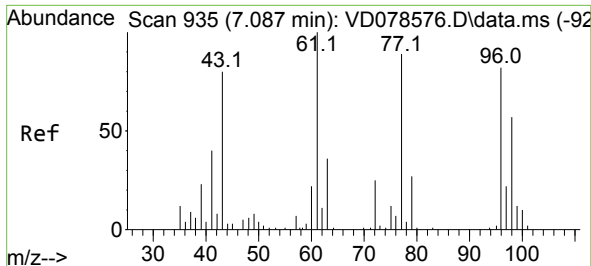
Tgt Ion: 43 Resp: 197043
 Ion Ratio Lower Upper
 43 100
 86 14.8 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 22.011 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD078635.D
 Acq: 12 Mar 2024 11:18

Tgt Ion: 63 Resp: 46684
 Ion Ratio Lower Upper
 63 100
 98 9.1 4.5 13.7
 100 4.6 2.5 7.5

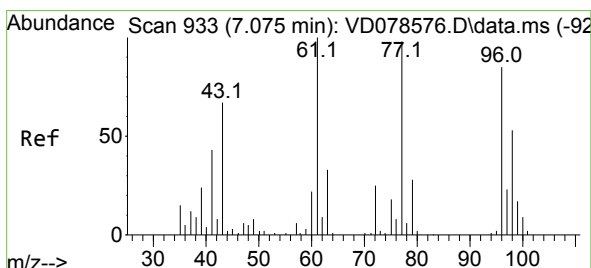
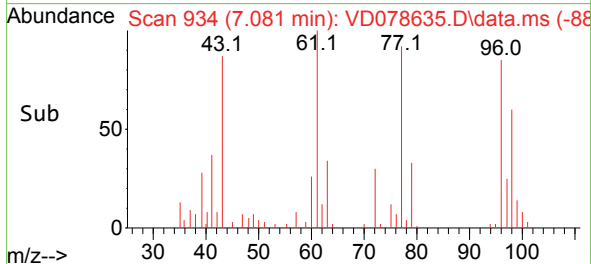
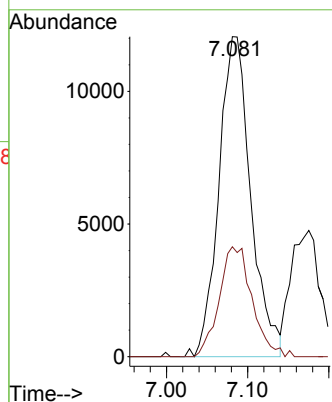
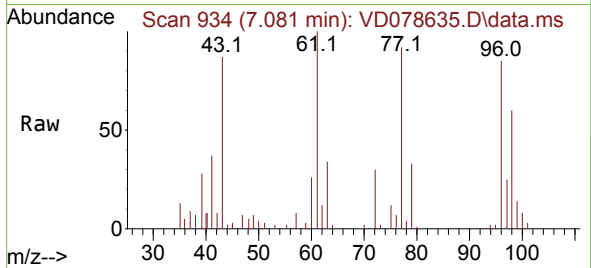




#25
2-Butanone
Concen: 122.250 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

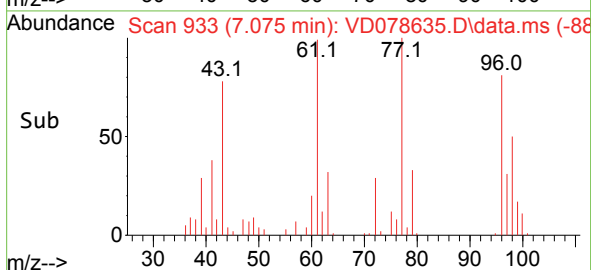
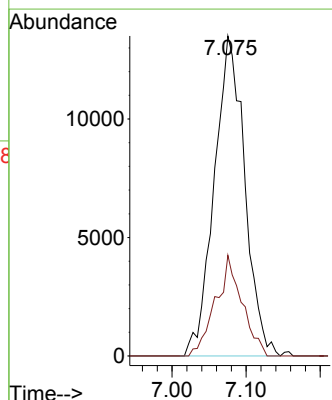
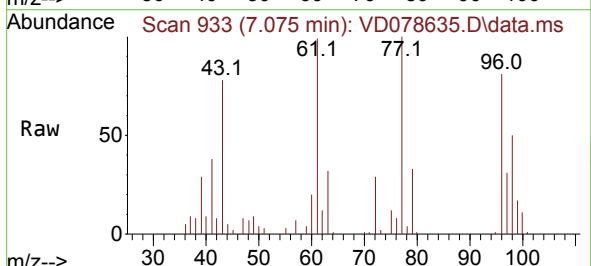
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBS01

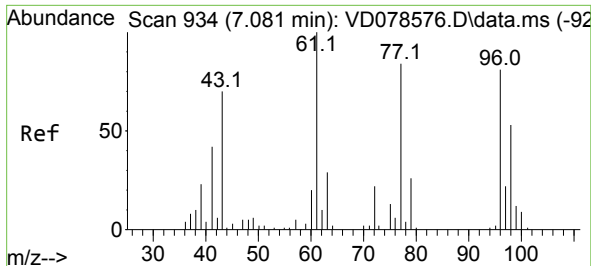
Tgt Ion: 43 Resp: 32923
Ion Ratio Lower Upper
43 100
72 34.4 30.7 46.1



#26
2,2-Dichloropropane
Concen: 21.530 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

Tgt Ion: 77 Resp: 38577
Ion Ratio Lower Upper
77 100
97 27.3 13.2 39.6

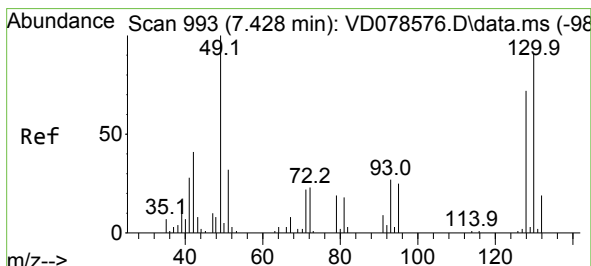
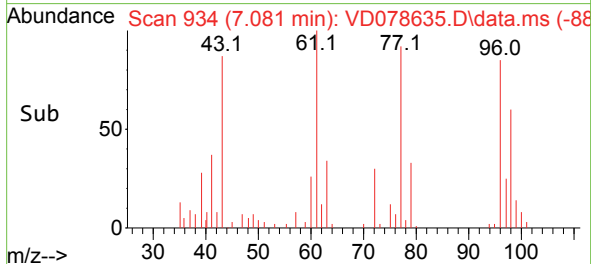
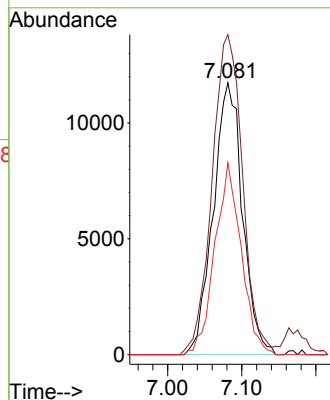
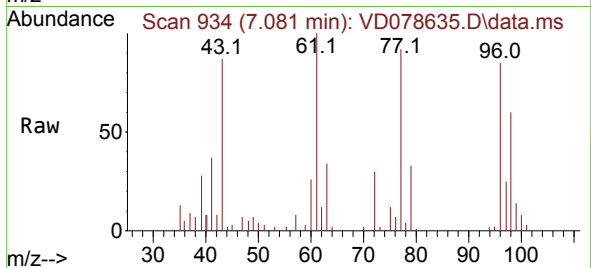




#27
 cis-1,2-Dichloroethene
 Concen: 22.240 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD078635.D
 Acq: 12 Mar 2024 11:18

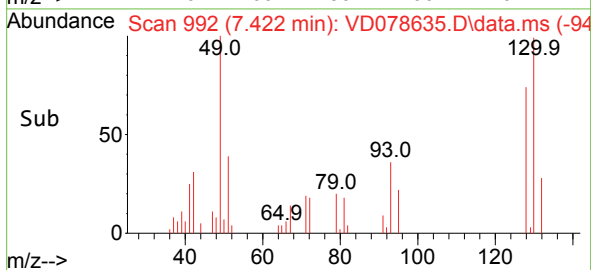
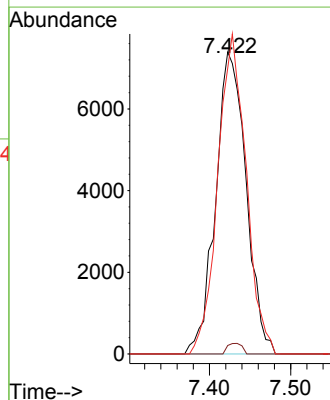
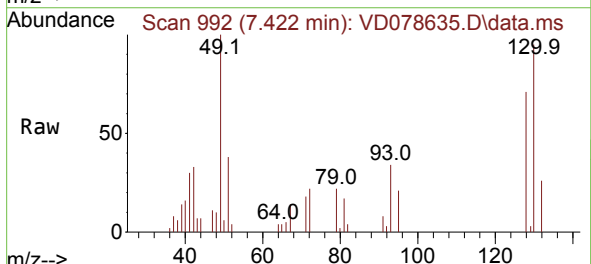
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0312SBS01

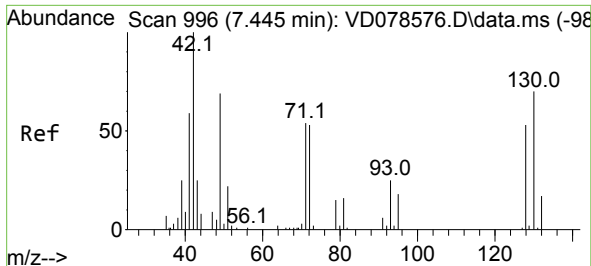
Tgt Ion: 96	Resp:	32168	
Ion	Ratio	Lower	Upper
96	100		
61	122.7	0.0	239.2
98	63.8	0.0	128.6



#28
 Bromochloromethane
 Concen: 24.328 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.005 min
 Lab File: VD078635.D
 Acq: 12 Mar 2024 11:18

Tgt Ion: 49	Resp:	19276	
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	6.0
130	98.9	83.2	124.8





#29

Tetrahydrofuran

Concen: 111.684 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD078635.D

Acq: 12 Mar 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

VD0312SBS01

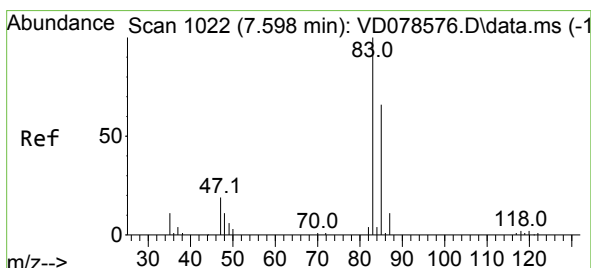
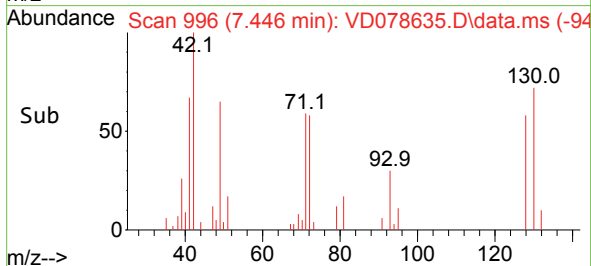
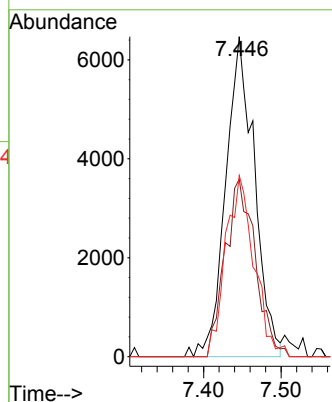
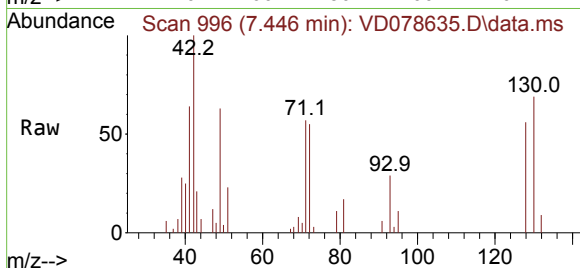
Tgt Ion: 42 Resp: 16710

Ion Ratio Lower Upper

42 100

72 58.1 46.5 69.7

71 56.0 44.5 66.7



#30

Chloroform

Concen: 23.643 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078635.D

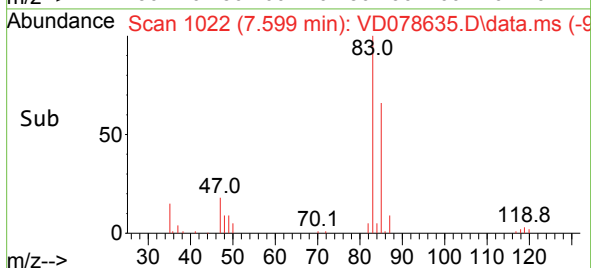
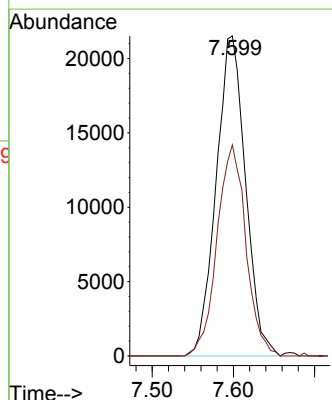
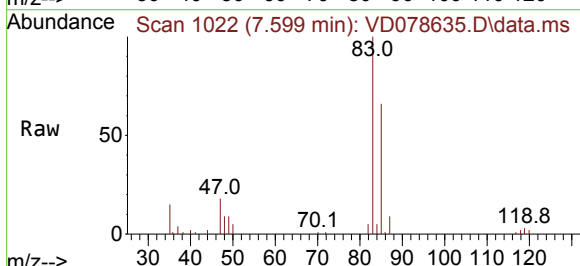
Acq: 12 Mar 2024 11:18

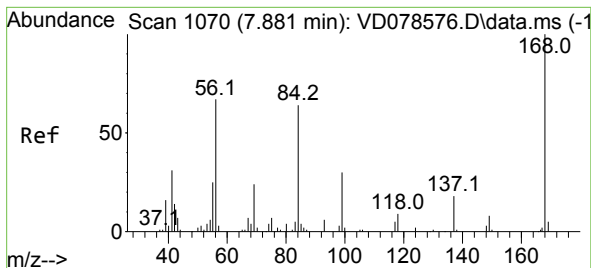
Tgt Ion: 83 Resp: 54144

Ion Ratio Lower Upper

83 100

85 65.9 53.4 80.2





#31

Cyclohexane

Concen: 19.394 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.005 min

Lab File: VD078635.D

Acq: 12 Mar 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

VD0312SBS01

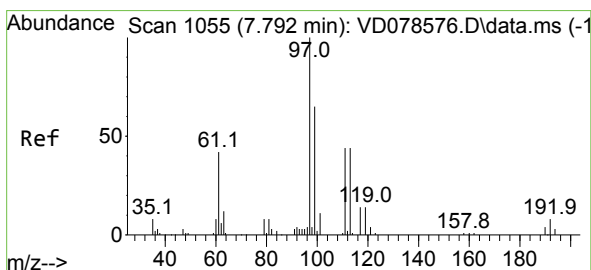
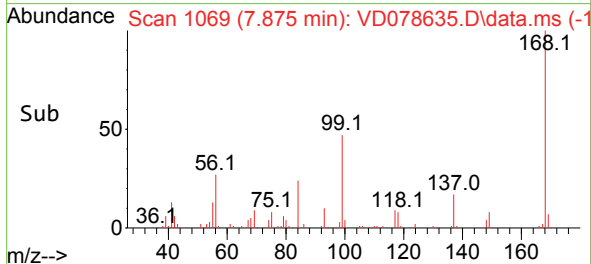
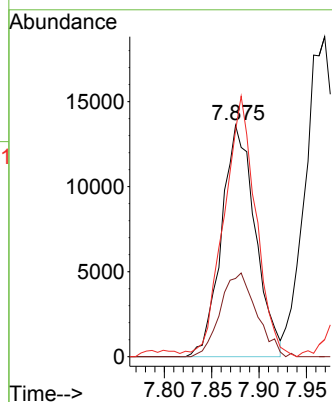
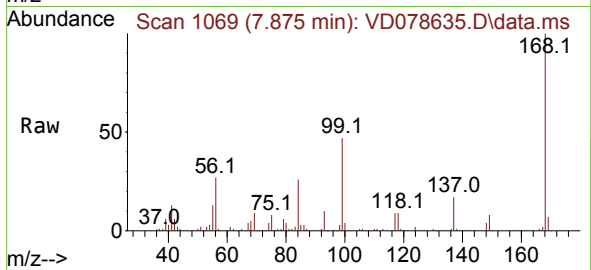
Tgt Ion: 56 Resp: 33827

Ion Ratio Lower Upper

56 100

69 33.8 28.6 43.0

84 96.4 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 22.016 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD078635.D

Acq: 12 Mar 2024 11:18

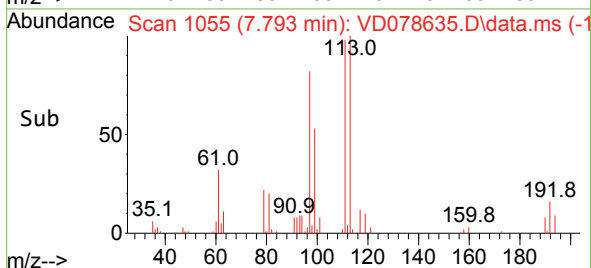
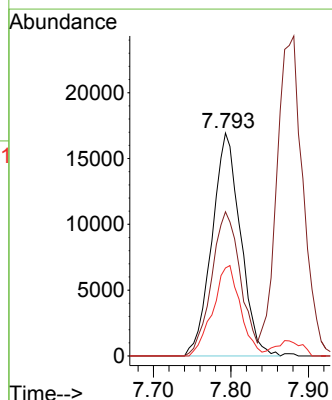
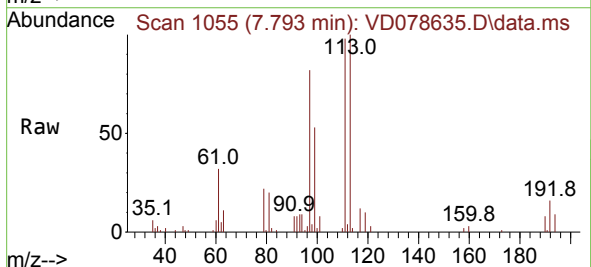
Tgt Ion: 97 Resp: 43251

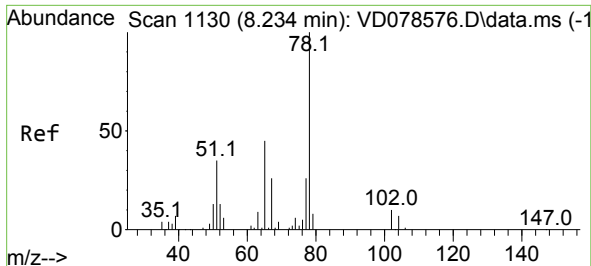
Ion Ratio Lower Upper

97 100

99 65.5 52.0 78.0

61 39.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 57.318 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078635.D

Acq: 12 Mar 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

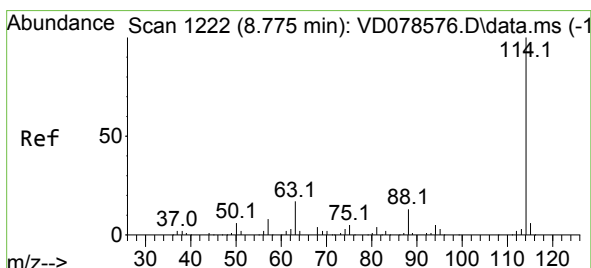
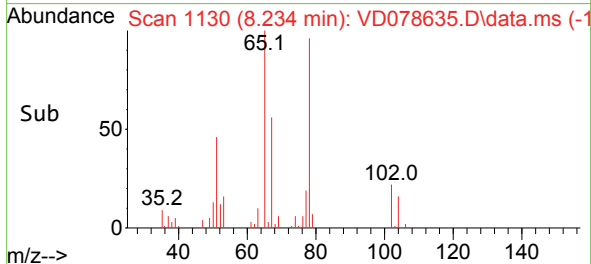
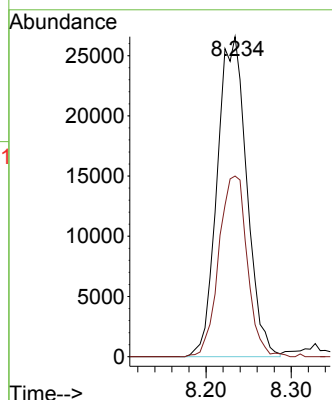
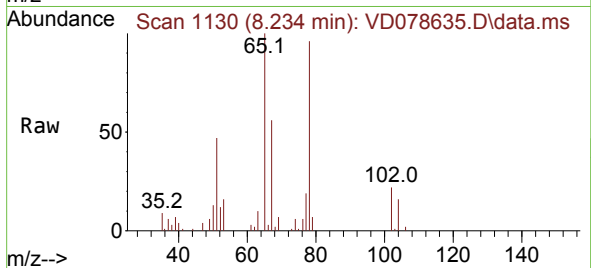
VD0312SBS01

Tgt Ion: 65 Resp: 63874

Ion Ratio Lower Upper

65 100

67 54.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078635.D

Acq: 12 Mar 2024 11:18

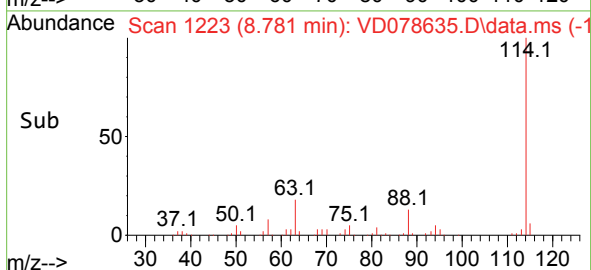
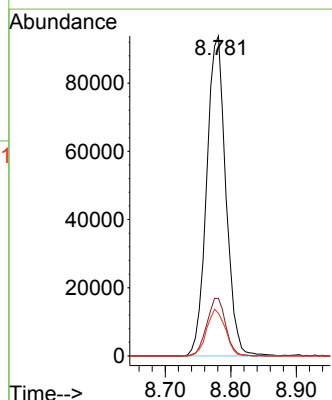
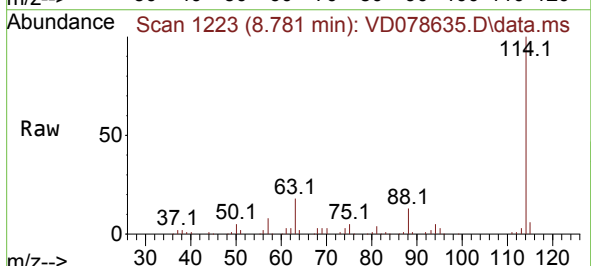
Tgt Ion: 114 Resp: 190468

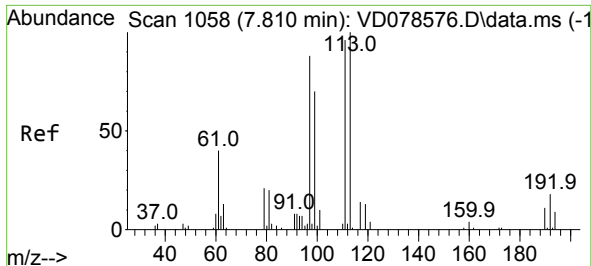
Ion Ratio Lower Upper

114 100

63 18.0 0.0 33.4

88 13.3 0.0 26.2

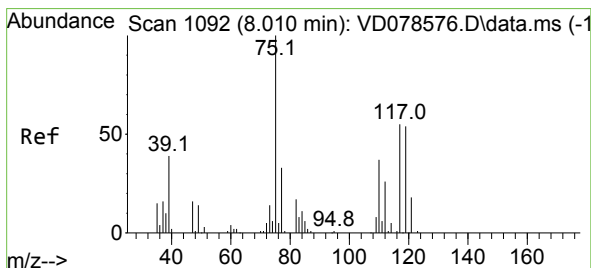
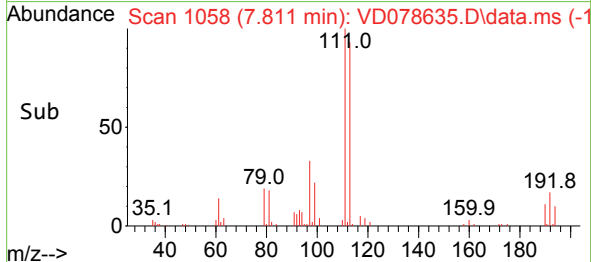
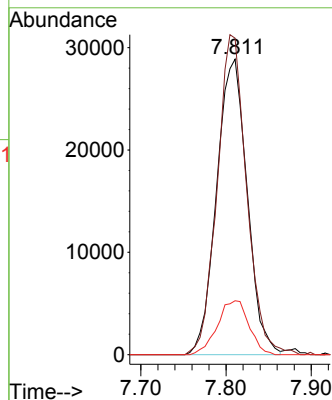
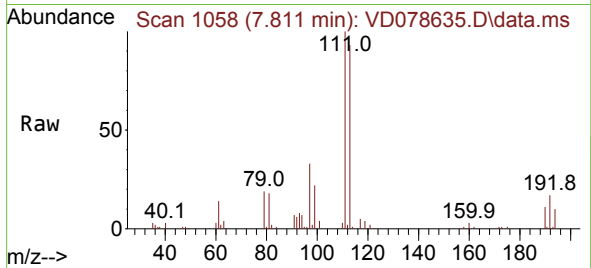




#35
Dibromofluoromethane
Concen: 58.195 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

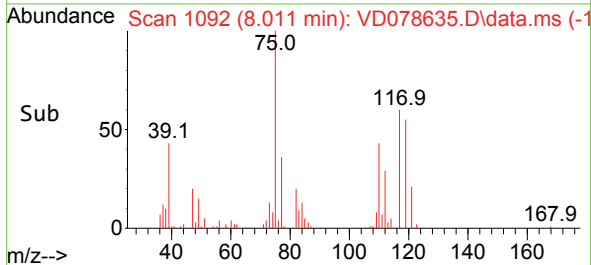
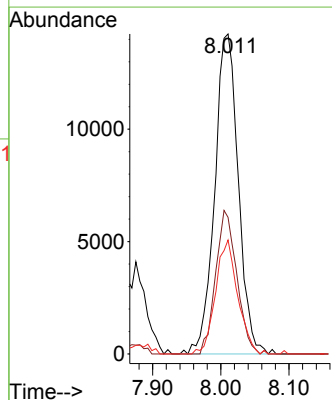
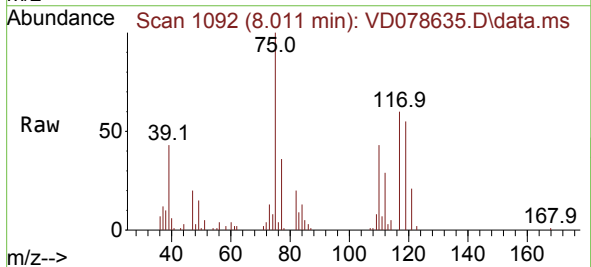
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBS01

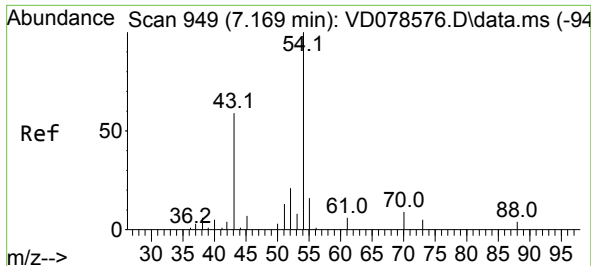
Tgt Ion:113 Resp: 72103
Ion Ratio Lower Upper
113 100
111 104.0 84.7 127.1
192 18.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 20.039 ug/l
RT: 8.011 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

Tgt Ion: 75 Resp: 34357
Ion Ratio Lower Upper
75 100
110 40.3 19.9 59.6
77 33.5 24.7 37.1

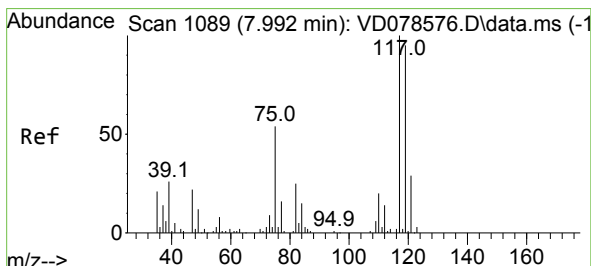
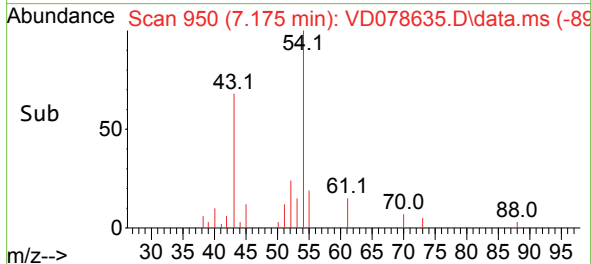
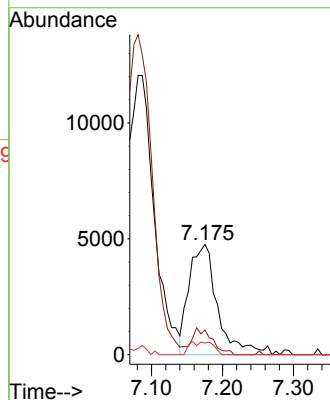
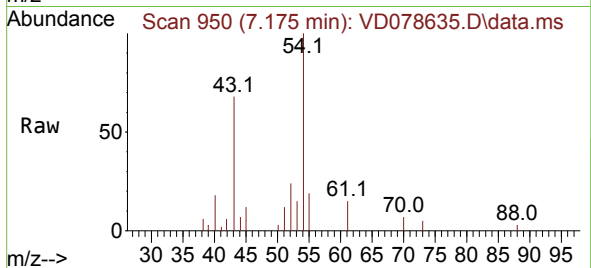




#37
Ethyl Acetate
Concen: 23.945 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

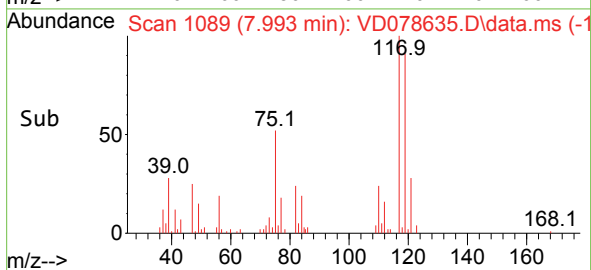
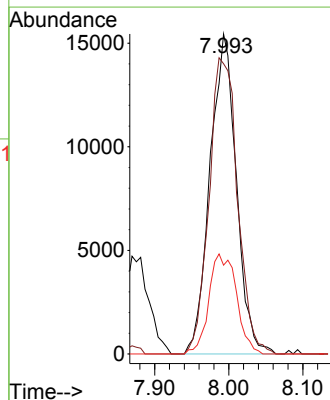
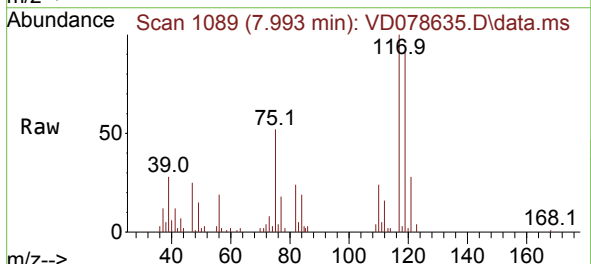
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBS01

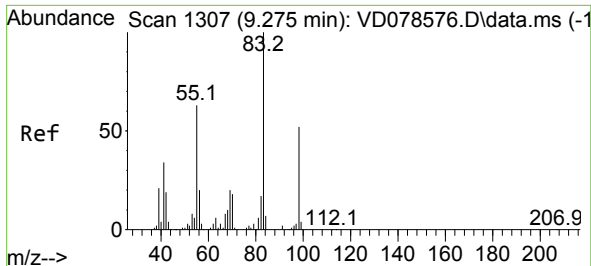
Tgt Ion: 43 Resp: 13302
Ion Ratio Lower Upper
43 100
61 16.1 14.9 22.3
70 3.7 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 21.258 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

Tgt Ion: 117 Resp: 38120
Ion Ratio Lower Upper
117 100
119 90.7 78.0 117.0
121 27.8 24.2 36.2





#39

Methylcyclohexane

Concen: 19.266 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.005 min

Lab File: VD078635.D

Acq: 12 Mar 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

VD0312SBS01

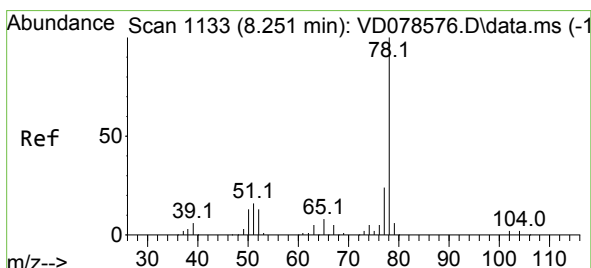
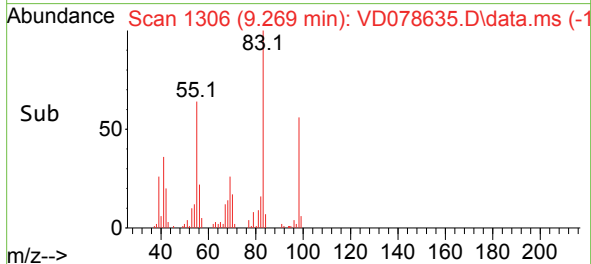
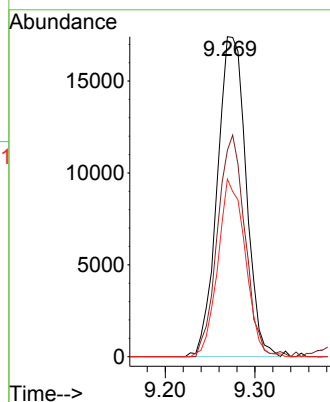
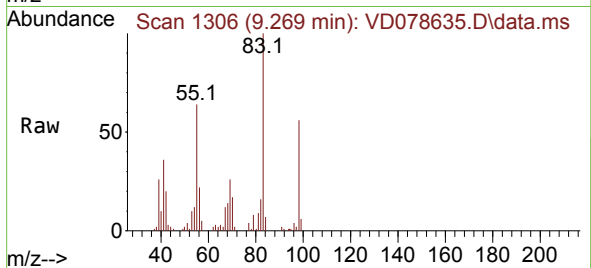
Tgt Ion: 83 Resp: 38769

Ion Ratio Lower Upper

83 100

55 64.5 49.4 74.0

98 55.5 38.4 57.6



#40

Benzene

Concen: 22.186 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078635.D

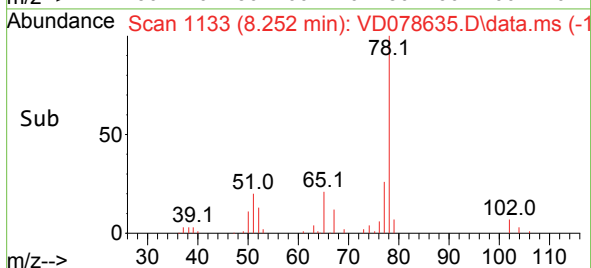
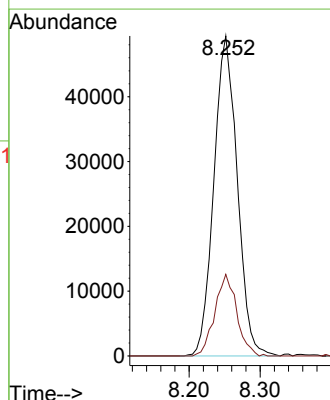
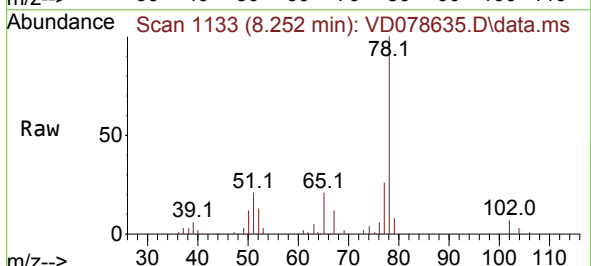
Acq: 12 Mar 2024 11:18

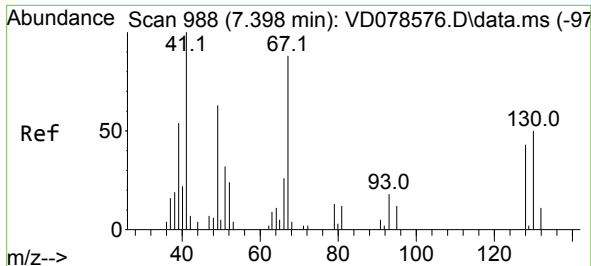
Tgt Ion: 78 Resp: 112747

Ion Ratio Lower Upper

78 100

77 25.5 19.4 29.0

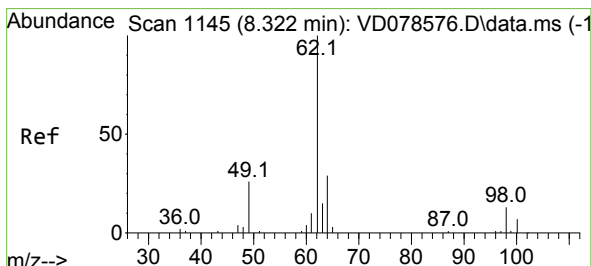
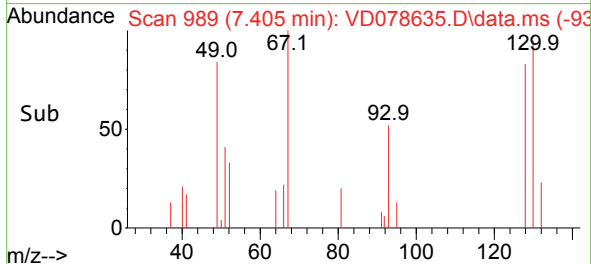
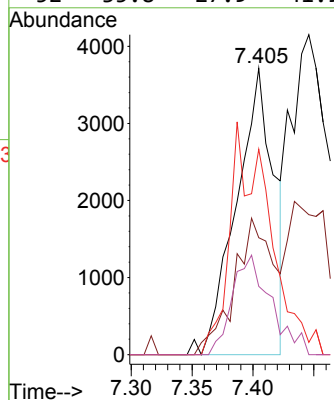
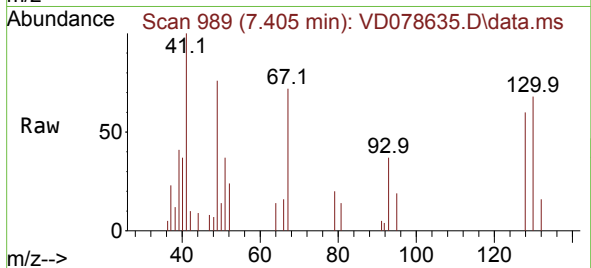




#41
Methacrylonitrile
Concen: 26.613 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

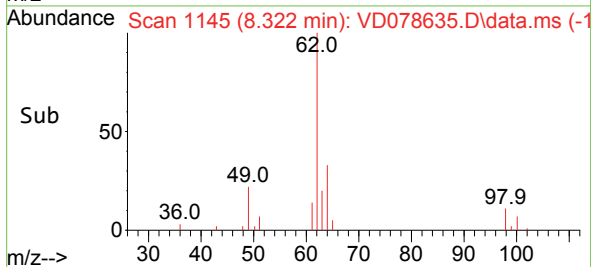
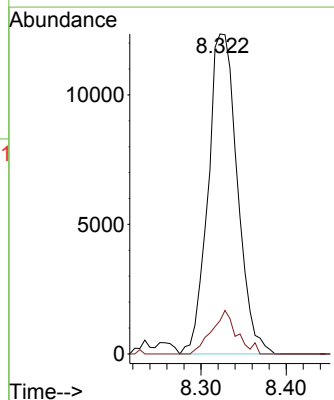
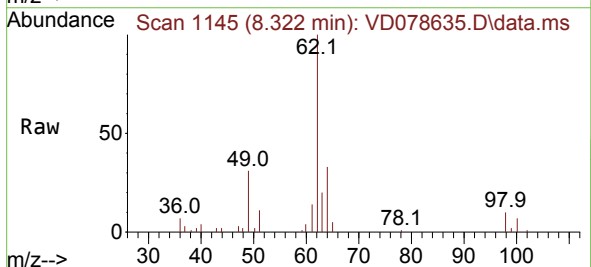
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBS01

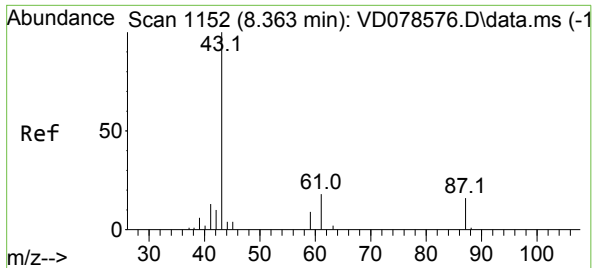
Tgt Ion: 41 Resp: 7924
Ion Ratio Lower Upper
41 100
39 49.9 34.0 51.0
67 44.9 77.0 115.4#
52 35.8 27.9 41.9



#42
1,2-Dichloroethane
Concen: 22.911 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

Tgt Ion: 62 Resp: 29538
Ion Ratio Lower Upper
62 100
98 11.6 0.0 25.4

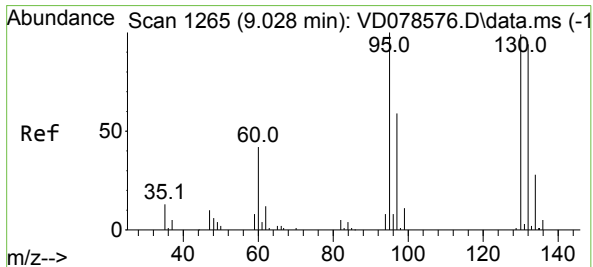
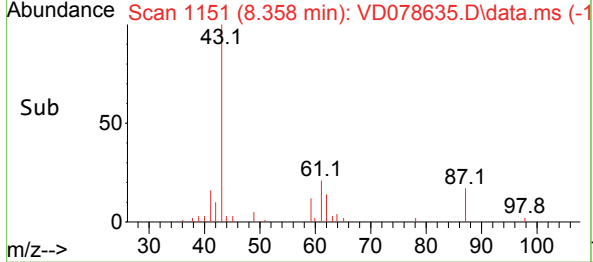
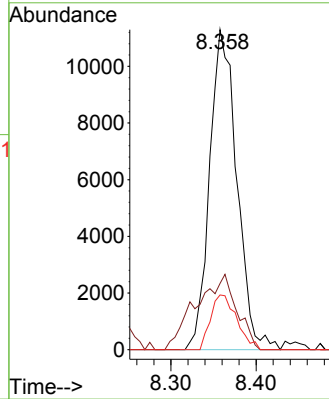
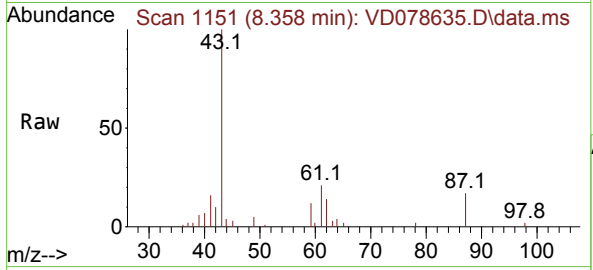




#43
Isopropyl Acetate
Concen: 23.527 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. -0.005 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

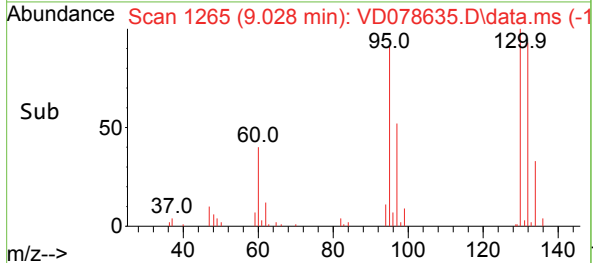
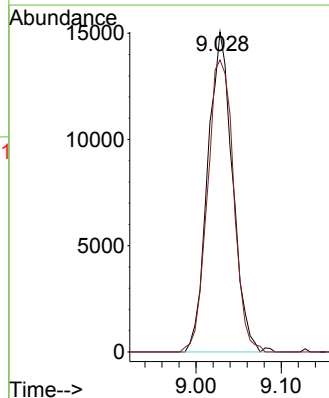
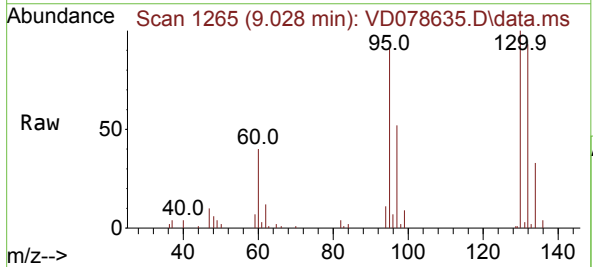
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBS01

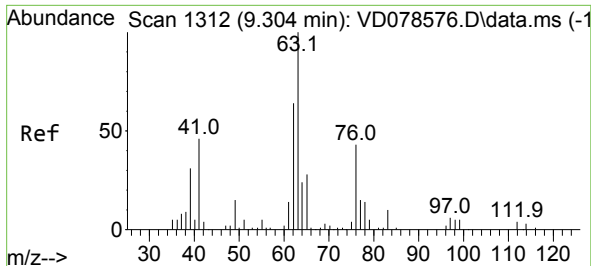
Tgt Ion: 43	Resp: 25057
Ion Ratio	Lower Upper
43	100
61	35.3 31.4 47.0
87	16.4 14.9 22.3



#44
Trichloroethene
Concen: 21.889 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

Tgt Ion: 130	Resp: 30525
Ion Ratio	Lower Upper
130	100
95	91.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 22.275 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078635.D

Acq: 12 Mar 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

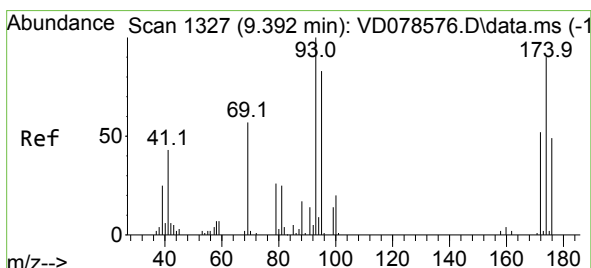
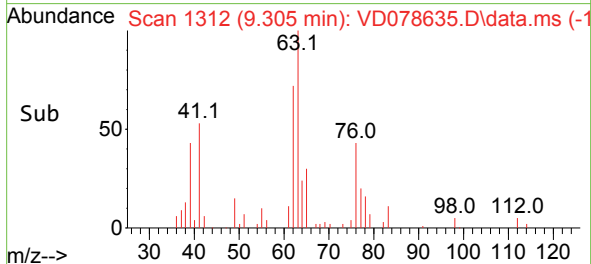
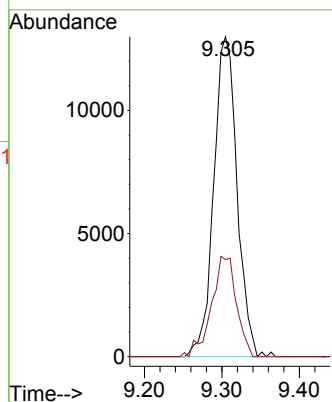
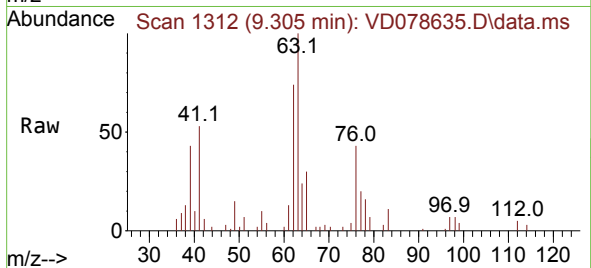
VD0312SBS01

Tgt Ion: 63 Resp: 27192

Ion Ratio Lower Upper

63 100

65 30.4 24.5 36.7



#46

Dibromomethane

Concen: 24.269 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078635.D

Acq: 12 Mar 2024 11:18

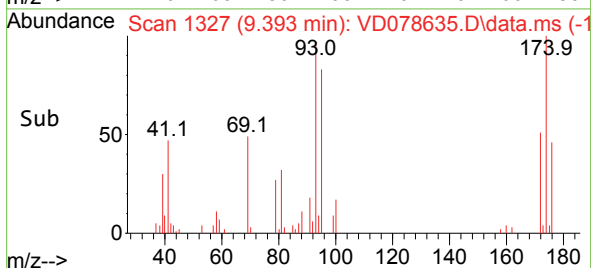
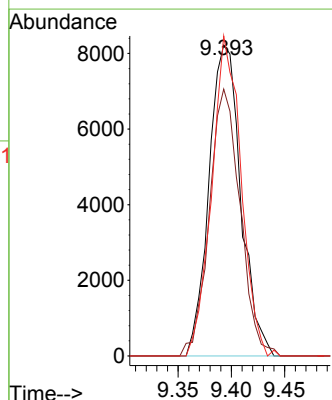
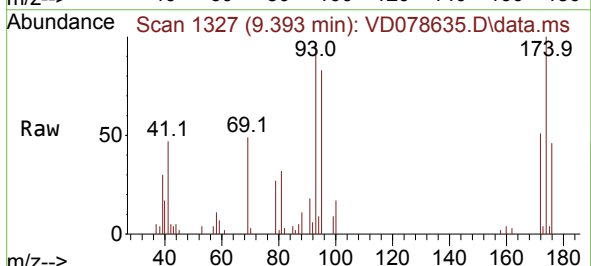
Tgt Ion: 93 Resp: 17079

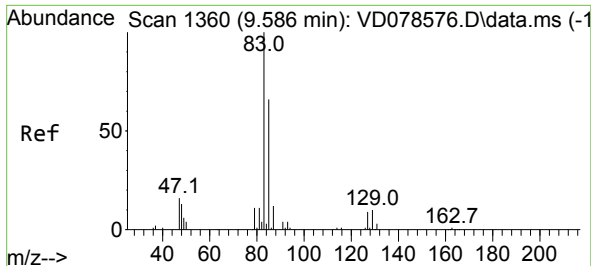
Ion Ratio Lower Upper

93 100

95 83.1 67.7 101.5

174 94.8 85.4 128.2





#47

Bromodichloromethane

Concen: 23.019 ug/l

RT: 9.581 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD078635.D

Acq: 12 Mar 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

VD0312SBS01

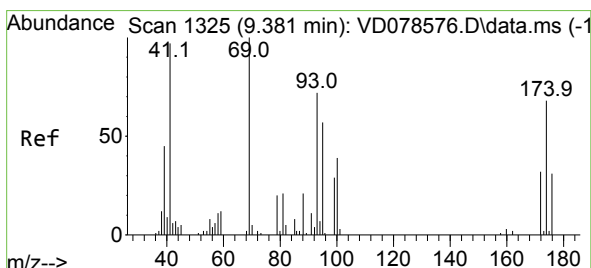
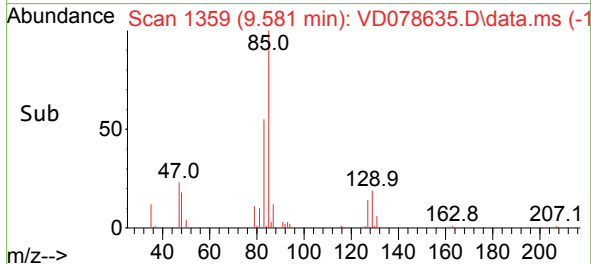
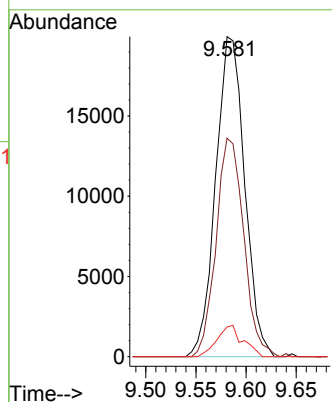
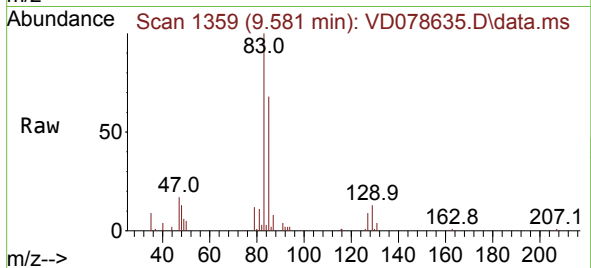
Tgt Ion: 83 Resp: 39944

Ion Ratio Lower Upper

83 100

85 68.3 50.2 75.4

127 9.3 6.3 9.5



#48

Methyl methacrylate

Concen: 24.212 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD078635.D

Acq: 12 Mar 2024 11:18

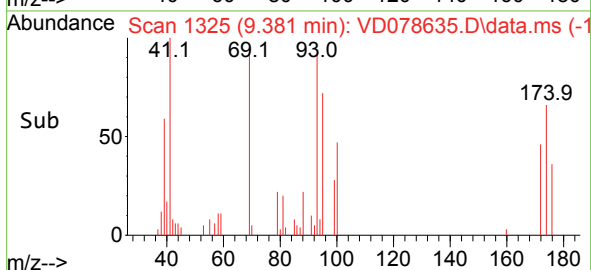
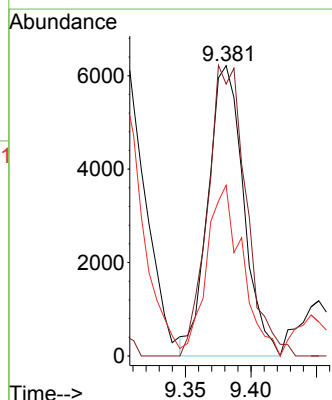
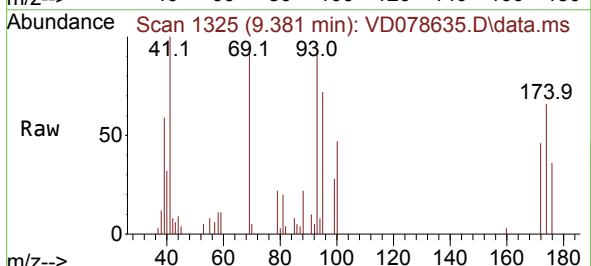
Tgt Ion: 41 Resp: 11681

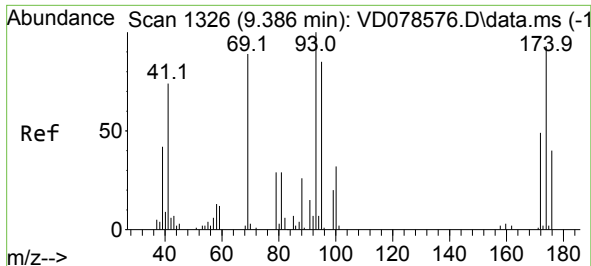
Ion Ratio Lower Upper

41 100

69 108.4 102.2 153.2

39 59.1 41.4 62.2





#49

1,4-Dioxane

Concen: 492.920 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD078635.D

Acq: 12 Mar 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

VD0312SBS01

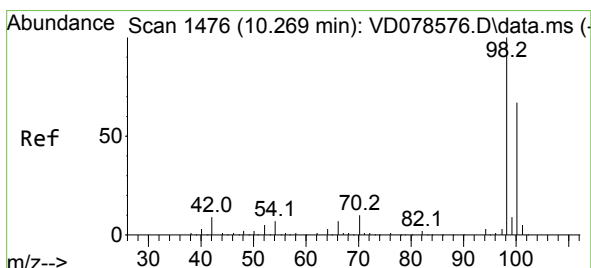
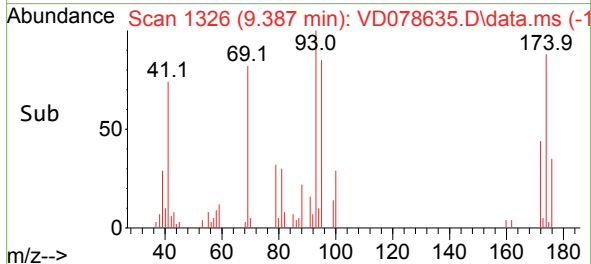
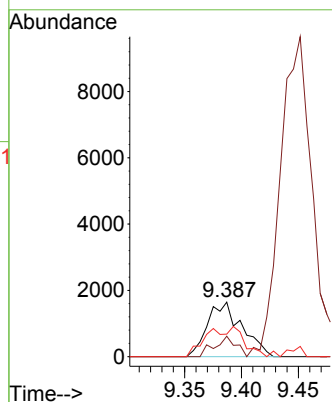
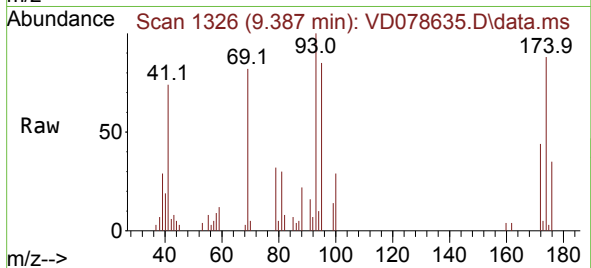
Tgt Ion: 88 Resp: 3485

Ion Ratio Lower Upper

88 100

43 23.0 19.0 28.6

58 28.7 43.5 65.3#



#50

Toluene-d8

Concen: 58.168 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078635.D

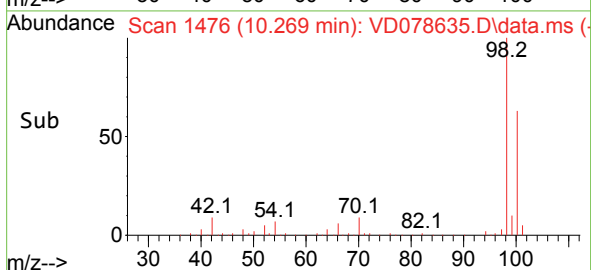
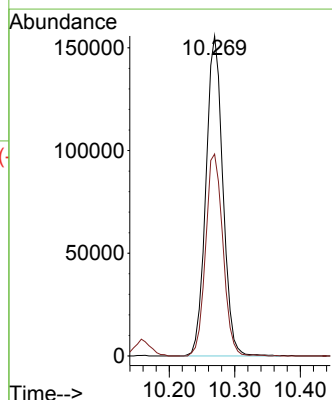
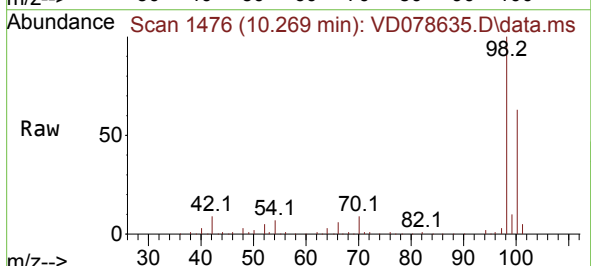
Acq: 12 Mar 2024 11:18

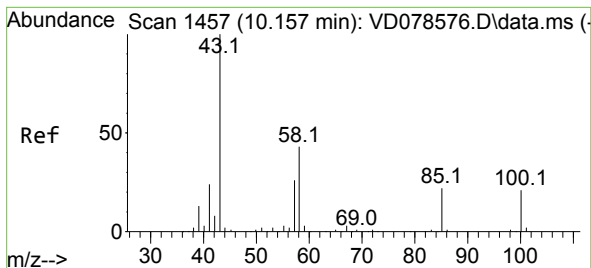
Tgt Ion: 98 Resp: 280049

Ion Ratio Lower Upper

98 100

100 64.4 50.3 75.5

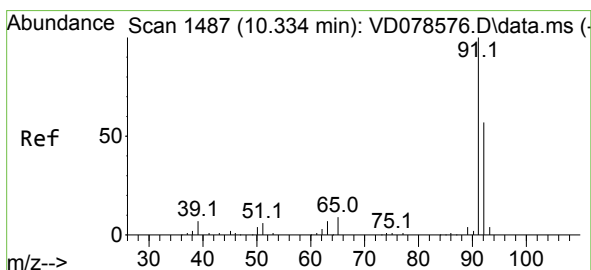
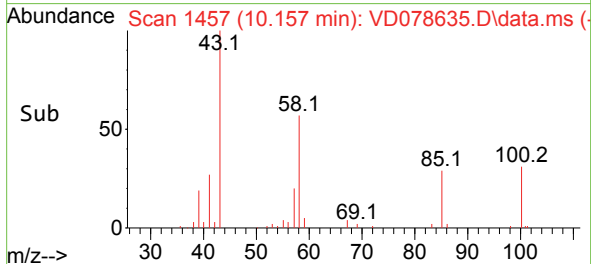
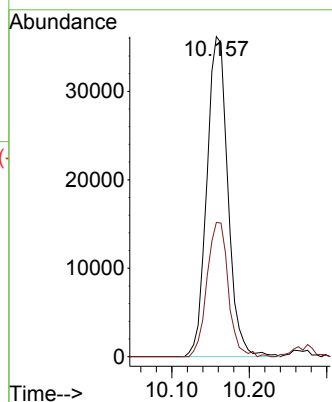
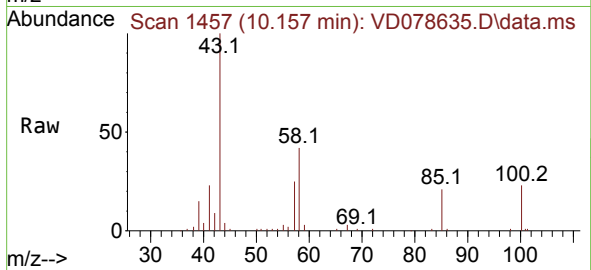




#51
4-Methyl-2-Pentanone
Concen: 124.308 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

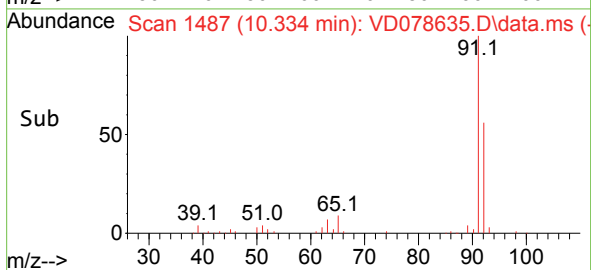
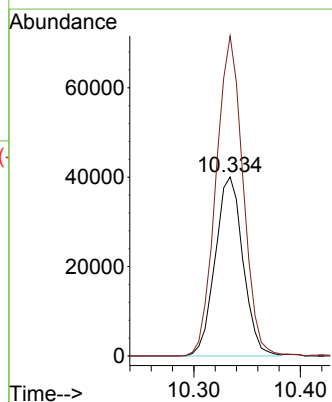
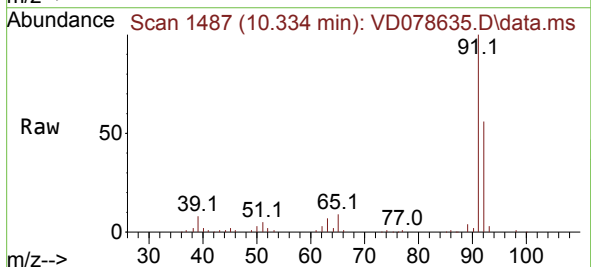
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBS01

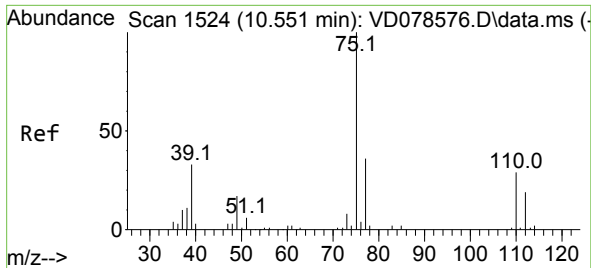
Tgt Ion: 43 Resp: 68334
Ion Ratio Lower Upper
43 100
58 42.3 38.9 58.3



#52
Toluene
Concen: 22.233 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

Tgt Ion: 92 Resp: 72495
Ion Ratio Lower Upper
92 100
91 174.4 143.0 214.4

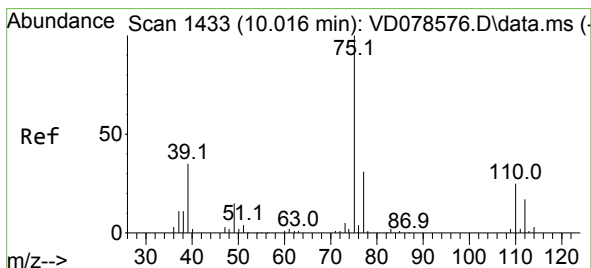
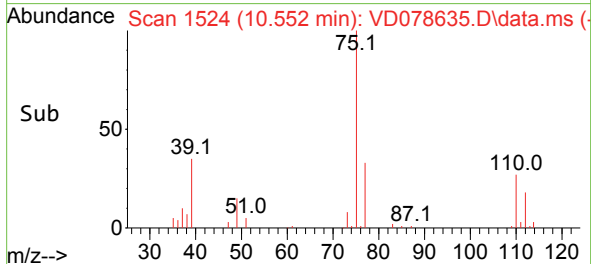
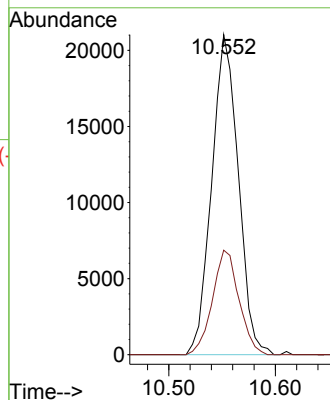
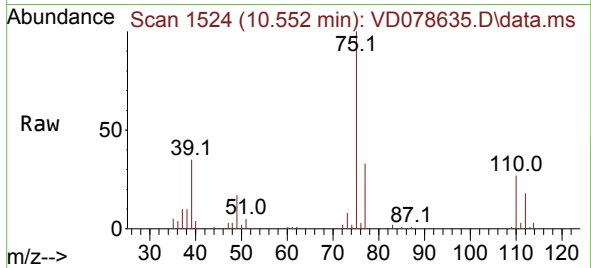




#53
 t-1,3-Dichloropropene
 Concen: 22.696 ug/l
 RT: 10.552 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD078635.D
 Acq: 12 Mar 2024 11:18

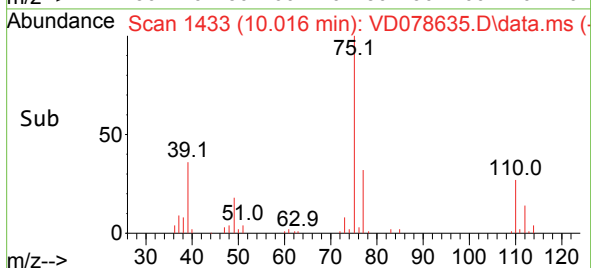
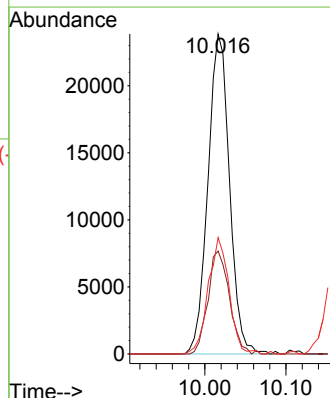
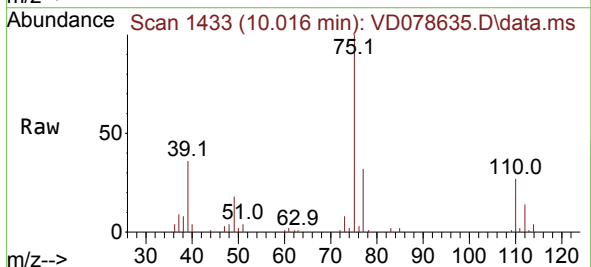
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0312SBS01

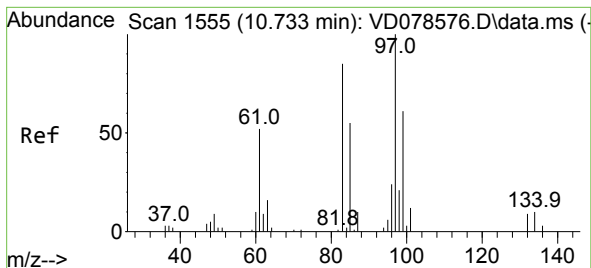
Tgt Ion: 75 Resp: 36434
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 22.906 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078635.D
 Acq: 12 Mar 2024 11:18

Tgt Ion: 75 Resp: 44026
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.5 38.3
 39 36.4 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 23.936 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078635.D

Acq: 12 Mar 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

VD0312SBS01

Tgt Ion: 97 Resp: 23719

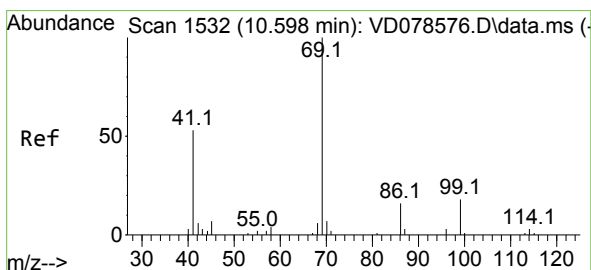
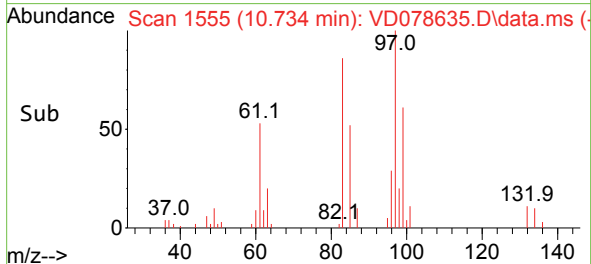
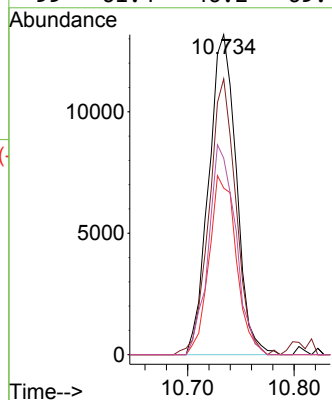
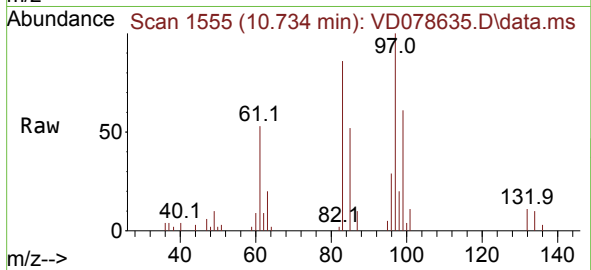
Ion Ratio Lower Upper

97 100

83 86.2 65.8 98.6

85 52.0 45.7 68.5

99 61.4 46.2 69.4



#56

Ethyl methacrylate

Concen: 22.672 ug/l

RT: 10.593 min Scan# 1531

Delta R.T. -0.005 min

Lab File: VD078635.D

Acq: 12 Mar 2024 11:18

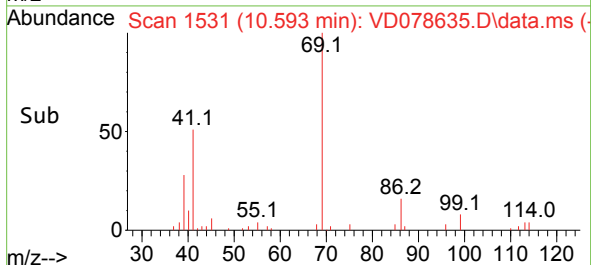
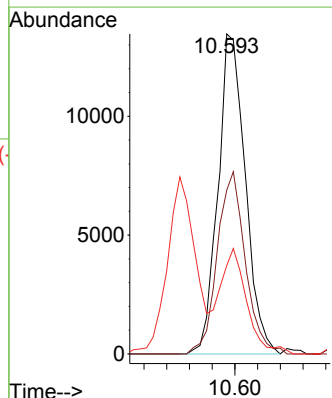
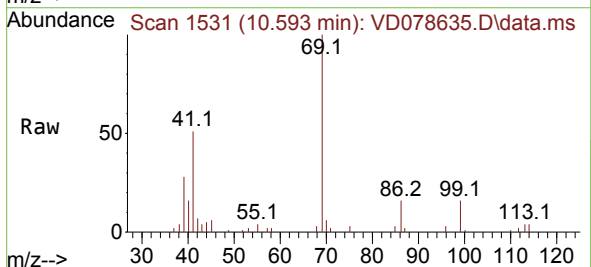
Tgt Ion: 69 Resp: 22518

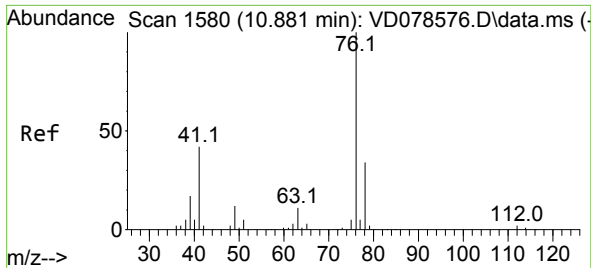
Ion Ratio Lower Upper

69 100

41 58.4 39.1 58.7

39 33.3 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 22.629 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078635.D

Acq: 12 Mar 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

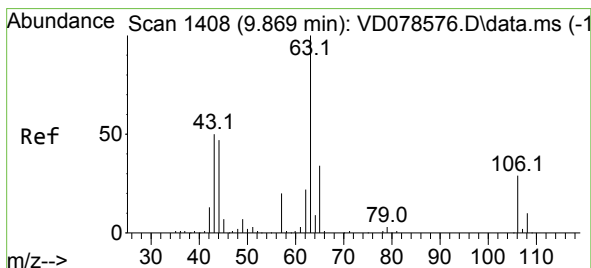
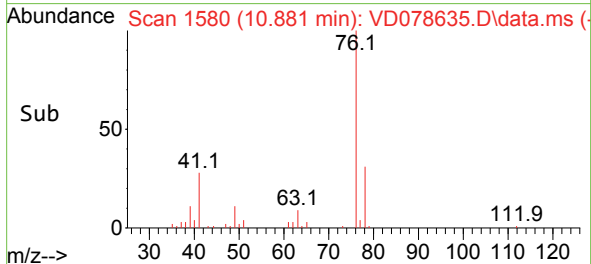
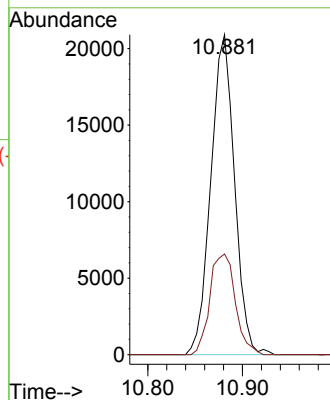
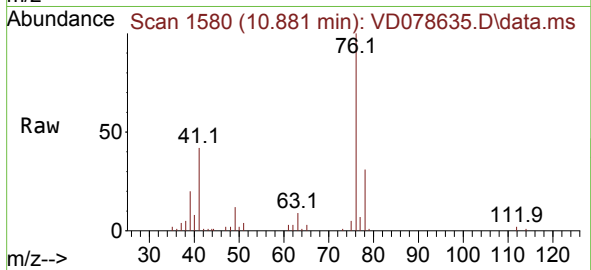
VD0312SBS01

Tgt Ion: 76 Resp: 36339

Ion Ratio Lower Upper

76 100

78 33.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 149.671 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078635.D

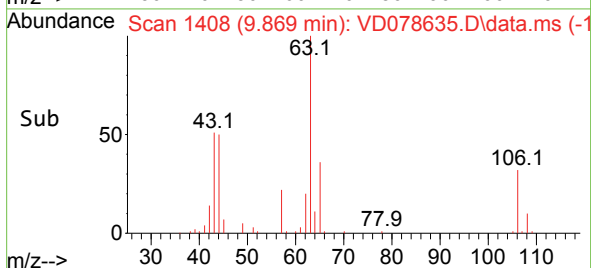
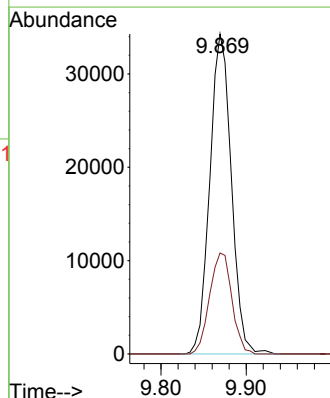
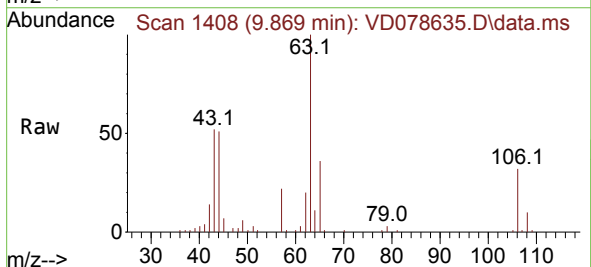
Acq: 12 Mar 2024 11:18

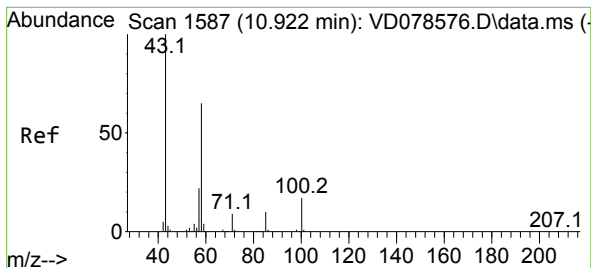
Tgt Ion: 63 Resp: 60044

Ion Ratio Lower Upper

63 100

106 32.6 25.3 37.9

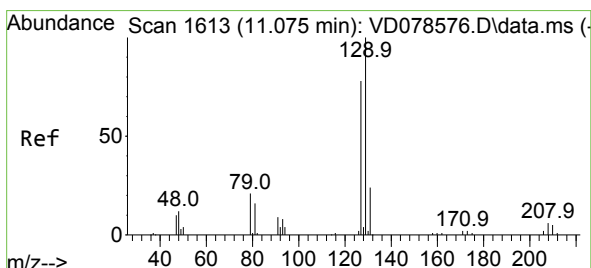
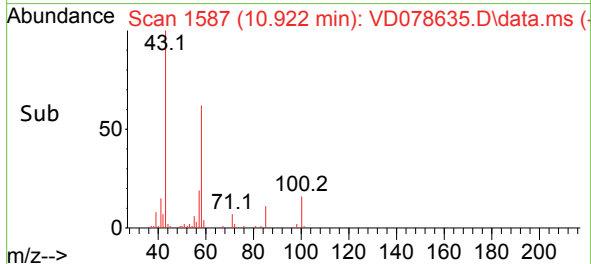
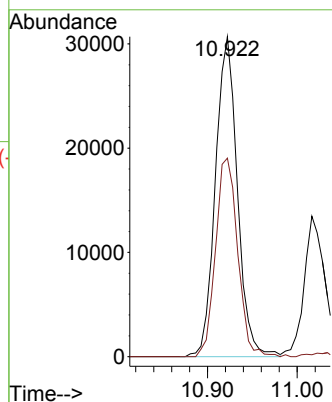
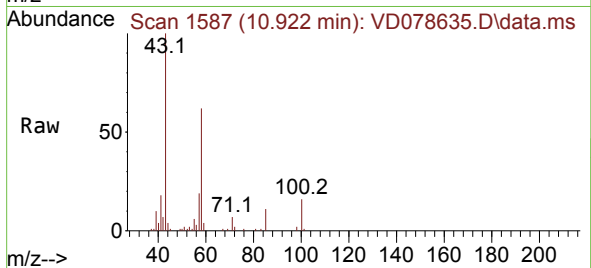




#59
2-Hexanone
Concen: 127.995 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

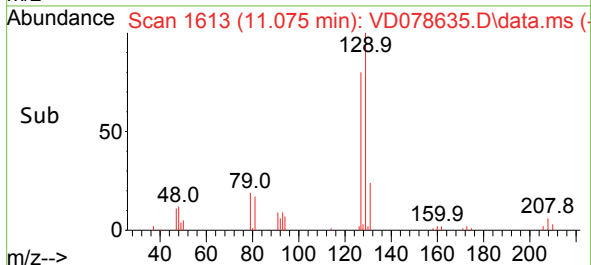
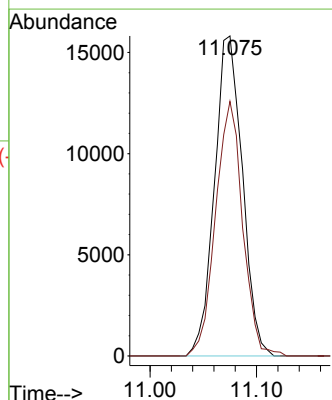
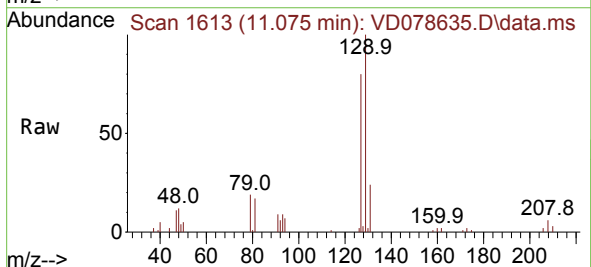
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBS01

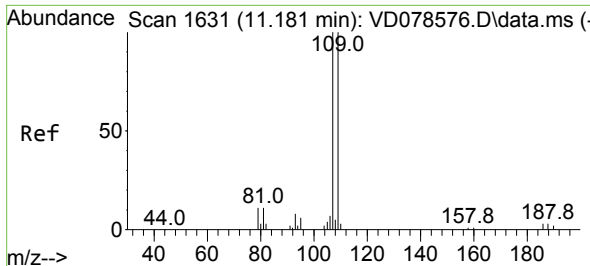
Tgt Ion: 43 Resp: 52188
Ion Ratio Lower Upper
43 100
58 62.5 34.1 102.2



#60
Dibromochloromethane
Concen: 24.060 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

Tgt Ion: 129 Resp: 28788
Ion Ratio Lower Upper
129 100
127 77.1 37.1 111.5

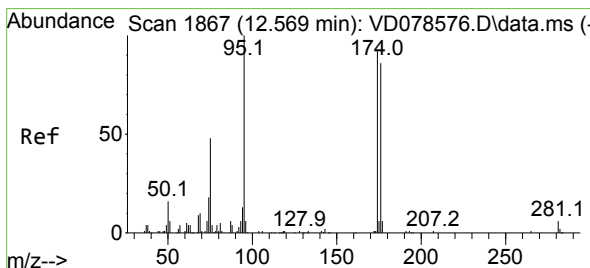
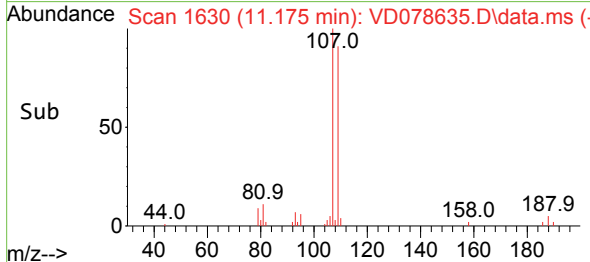
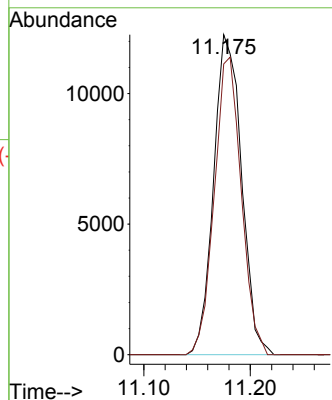
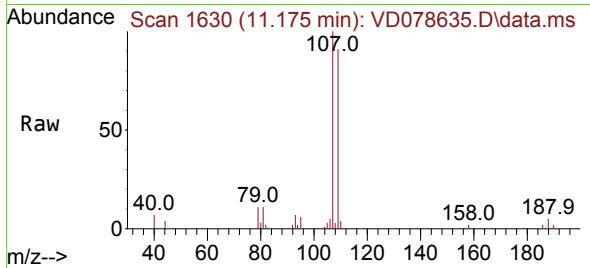




#61
1,2-Dibromoethane
Concen: 24.471 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.005 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

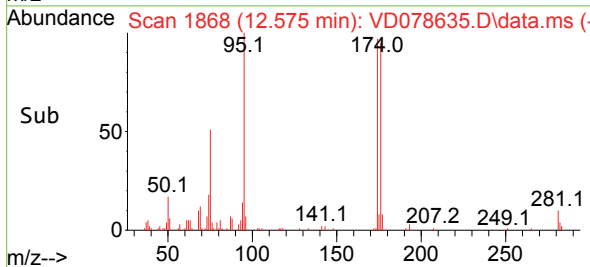
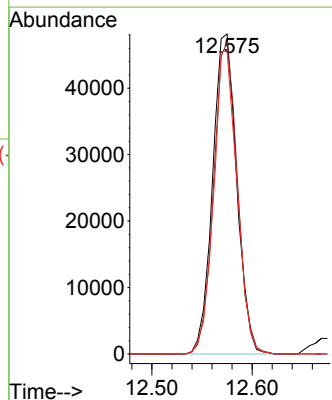
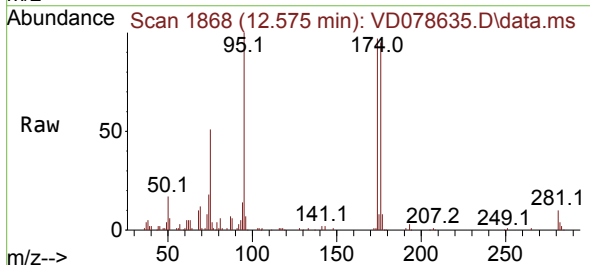
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBS01

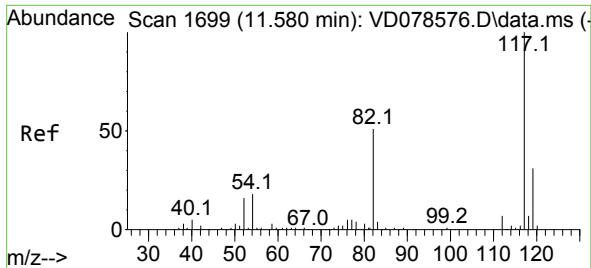
Tgt Ion:107 Resp: 22255
Ion Ratio Lower Upper
107 100
109 89.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 58.276 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

Tgt Ion: 95 Resp: 80135
Ion Ratio Lower Upper
95 100
174 96.0 0.0 201.8
176 92.7 0.0 191.8

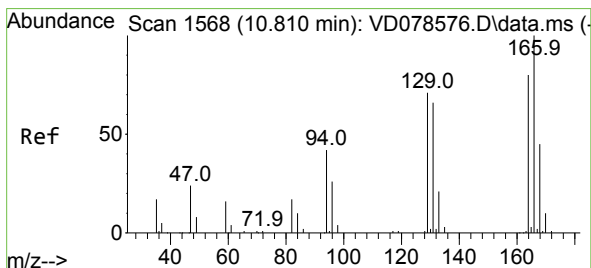
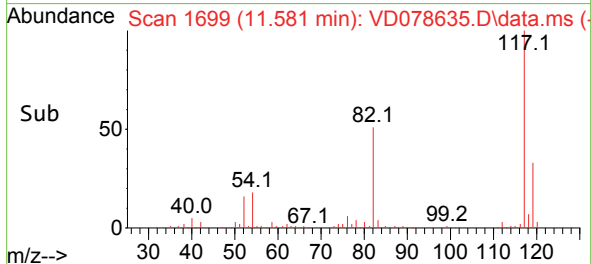
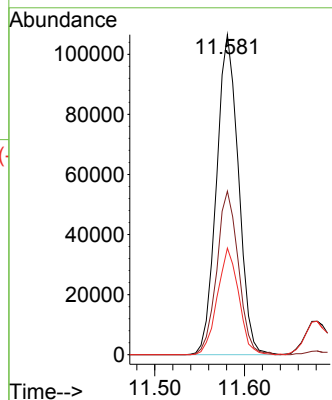
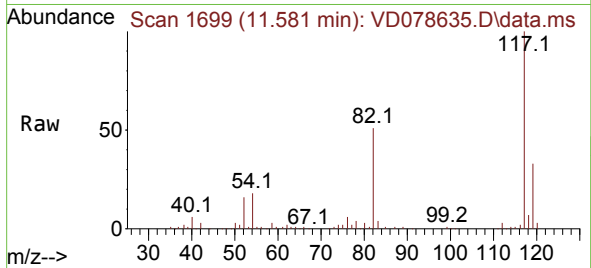




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

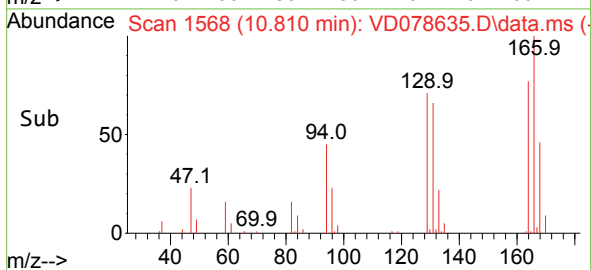
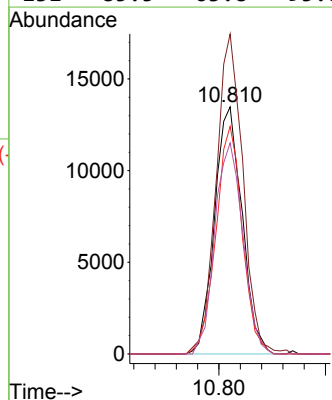
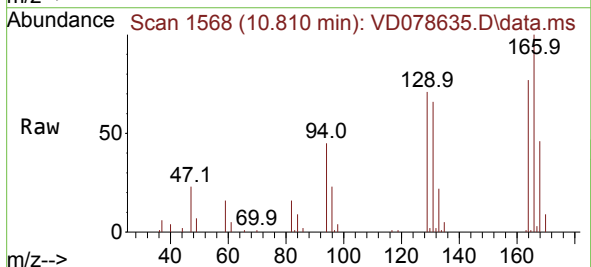
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBS01

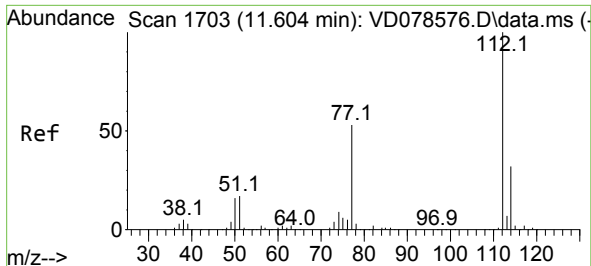
Tgt Ion:117 Resp: 181191
Ion Ratio Lower Upper
117 100
82 51.1 38.3 57.5
119 33.3 25.0 37.4



#64
Tetrachloroethene
Concen: 21.175 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

Tgt Ion:164 Resp: 24141
Ion Ratio Lower Upper
164 100
166 129.5 99.2 148.8
129 92.1 68.4 102.6
131 85.5 63.8 95.8

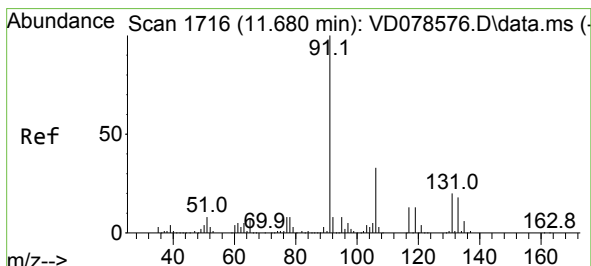
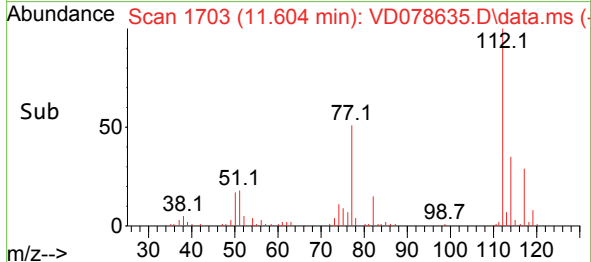
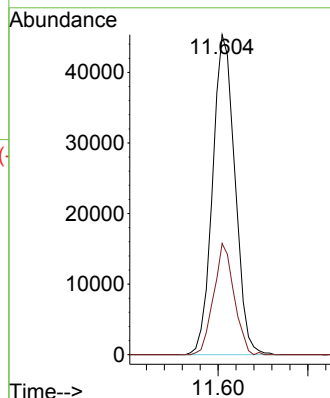
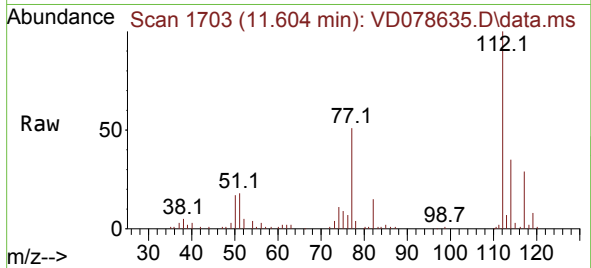




#65
Chlorobenzene
Concen: 21.936 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

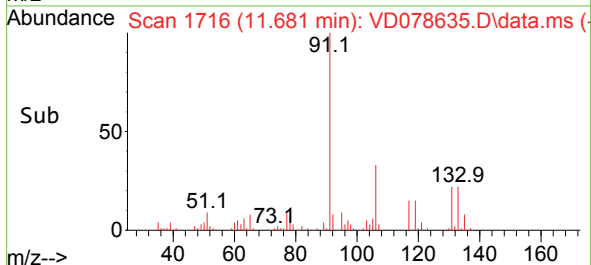
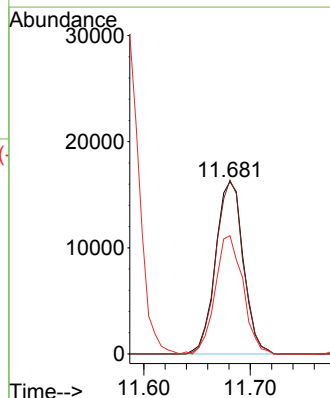
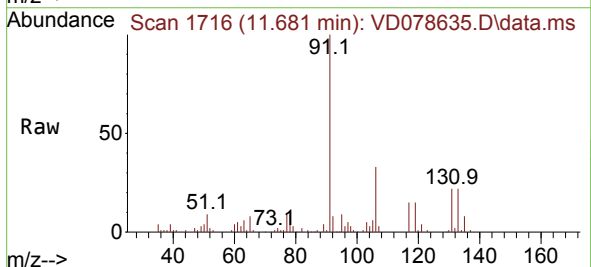
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBS01

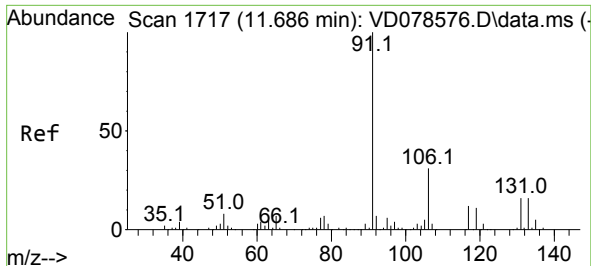
Tgt Ion:112 Resp: 78269
Ion Ratio Lower Upper
112 100
114 34.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 22.206 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

Tgt Ion:131 Resp: 29497
Ion Ratio Lower Upper
131 100
133 98.0 48.5 145.5
119 68.3 35.6 106.9

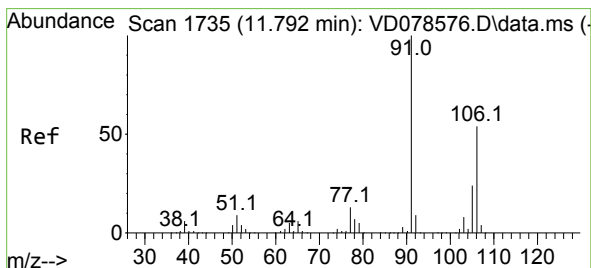
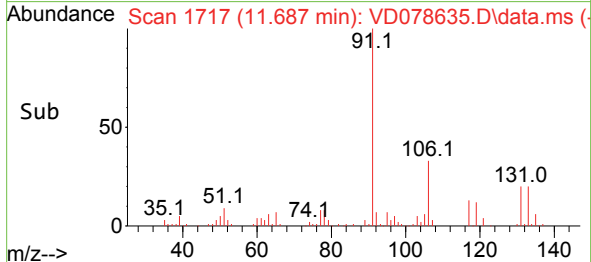
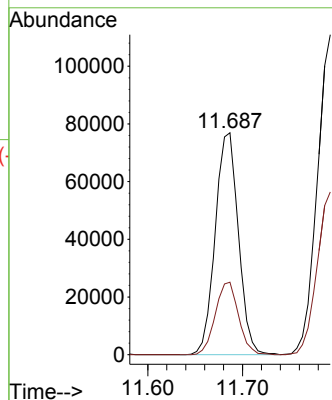
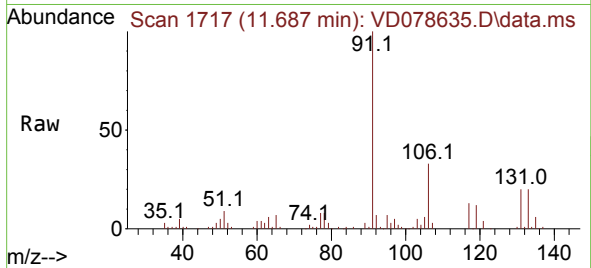




#67
Ethyl Benzene
Concen: 21.160 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

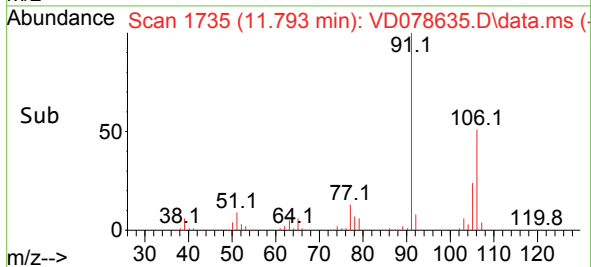
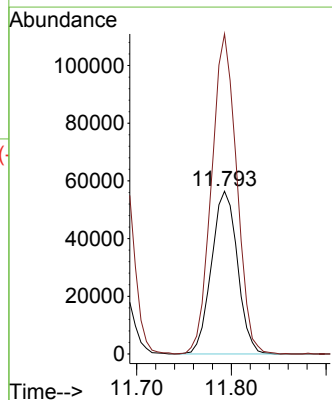
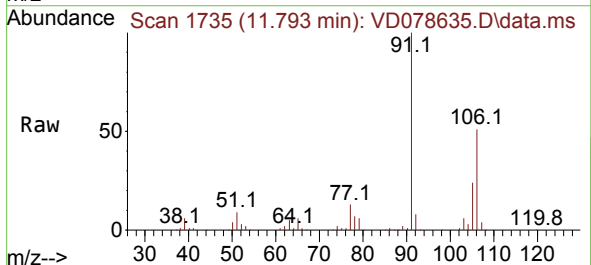
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBS01

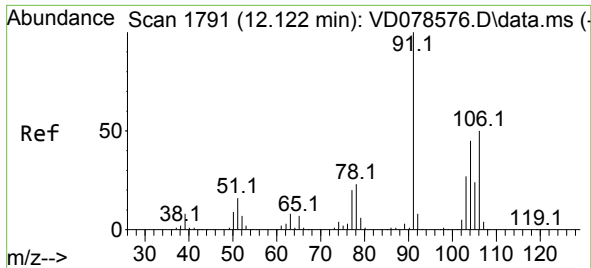
Tgt Ion: 91 Resp: 130820
Ion Ratio Lower Upper
91 100
106 32.7 26.5 39.7



#68
m/p-Xylenes
Concen: 42.898 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

Tgt Ion: 106 Resp: 107296
Ion Ratio Lower Upper
106 100
91 190.6 147.0 220.6

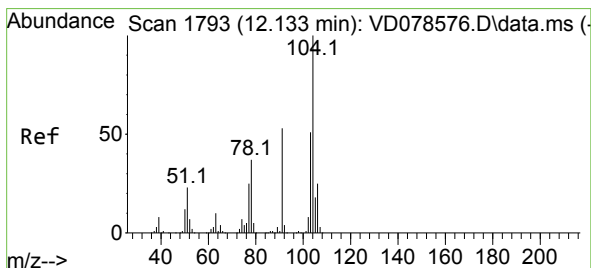
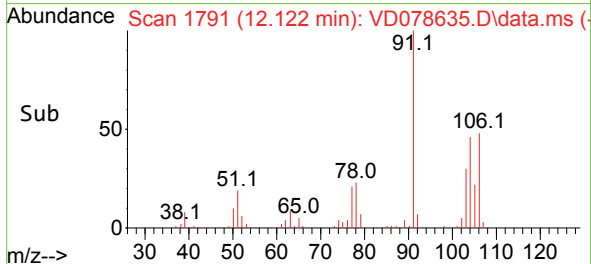
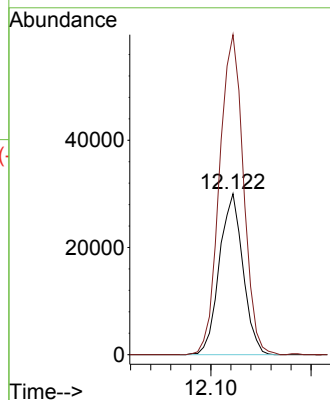
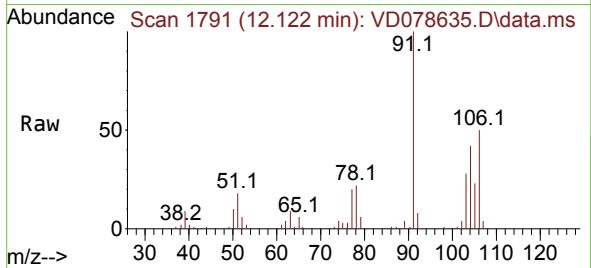




#69
o-Xylene
Concen: 21.600 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

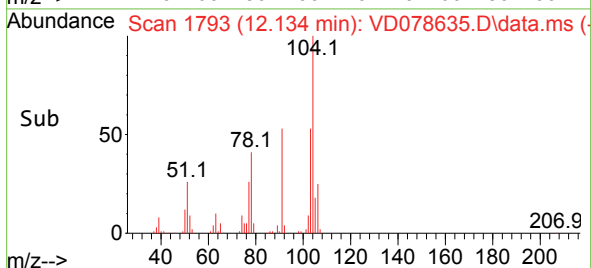
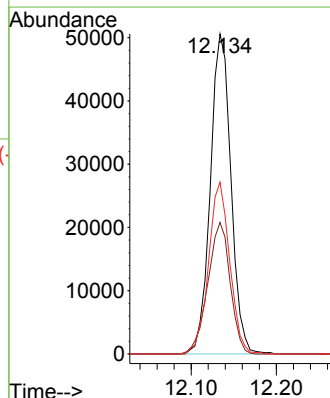
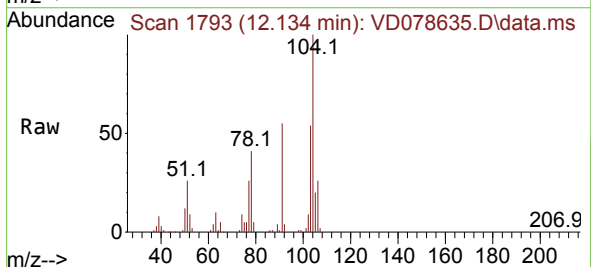
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBS01

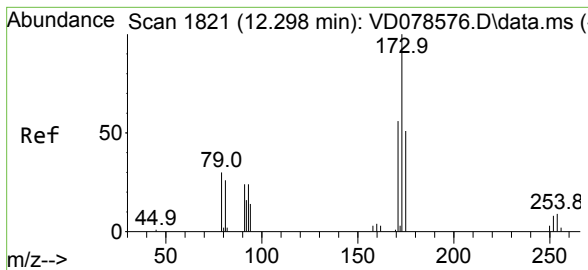
Tgt Ion:106 Resp: 49010
Ion Ratio Lower Upper
106 100
91 202.3 97.9 293.6



#70
Styrene
Concen: 21.622 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

Tgt Ion:104 Resp: 85040
Ion Ratio Lower Upper
104 100
78 44.4 33.2 49.8
103 55.1 43.6 65.4

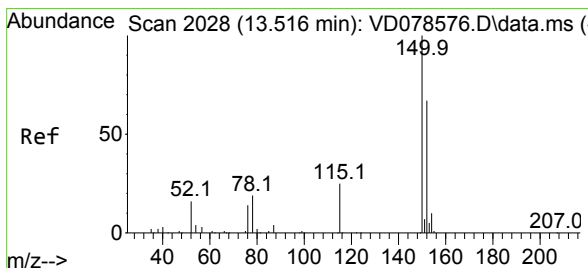
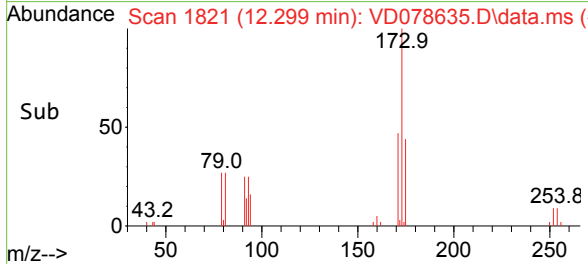
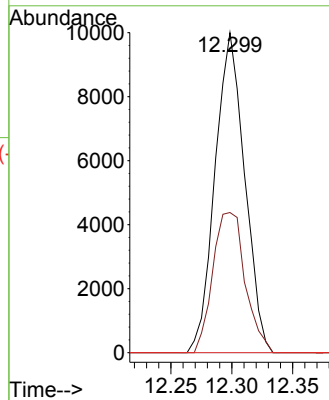
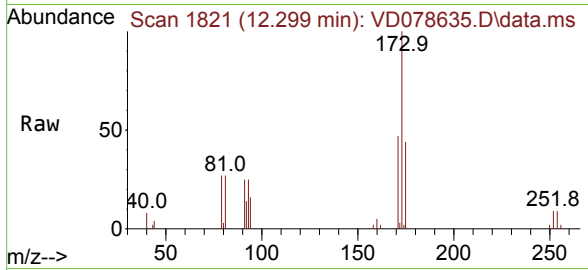




#71
Bromoform
Concen: 23.956 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

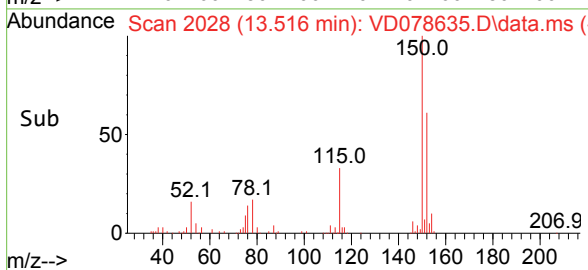
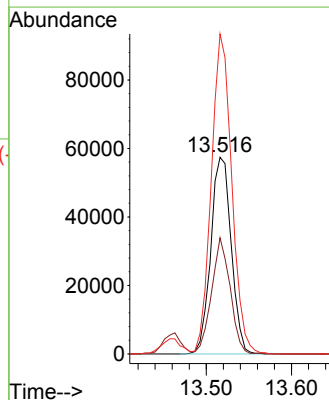
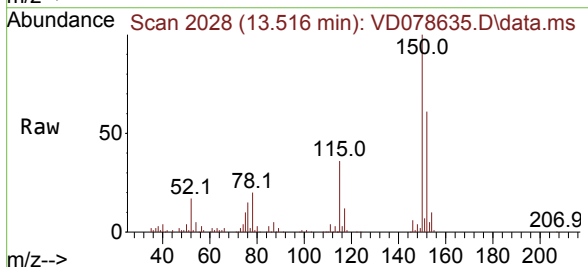
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBS01

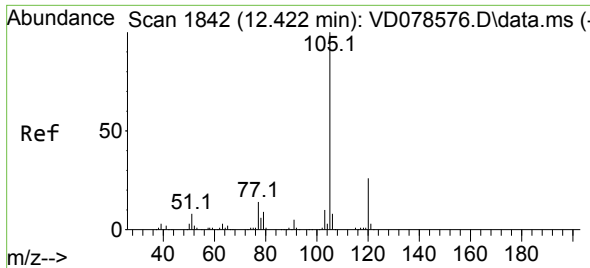
Tgt Ion:173 Resp: 16929
Ion Ratio Lower Upper
173 100
175 48.0 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

Tgt Ion:152 Resp: 95683
Ion Ratio Lower Upper
152 100
115 53.6 27.1 81.3
150 162.7 0.0 353.6

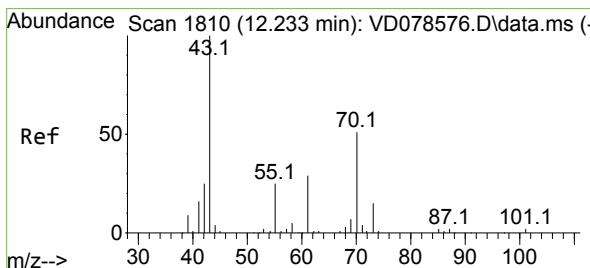
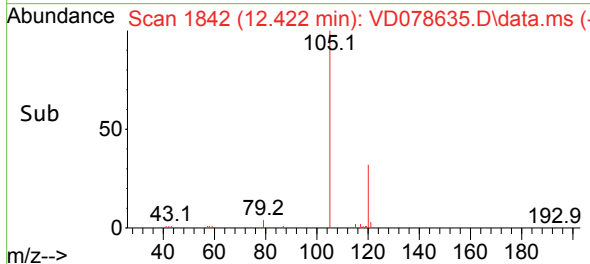
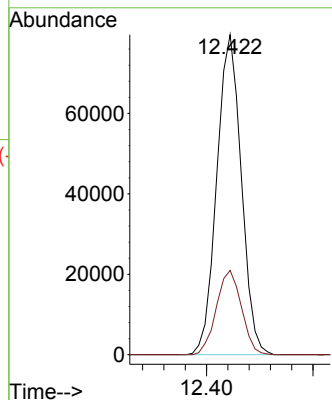
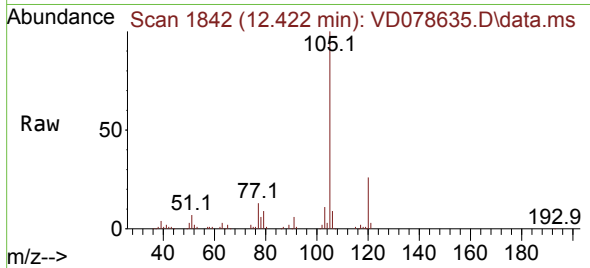




#73
Isopropylbenzene
Concen: 20.932 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

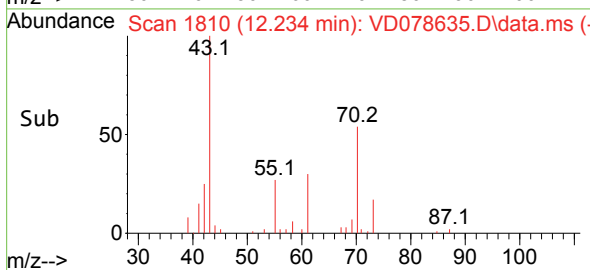
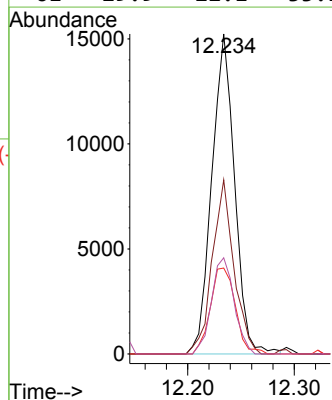
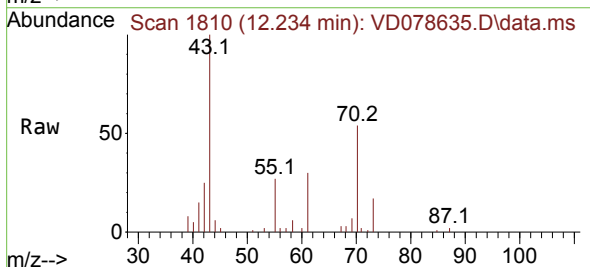
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBS01

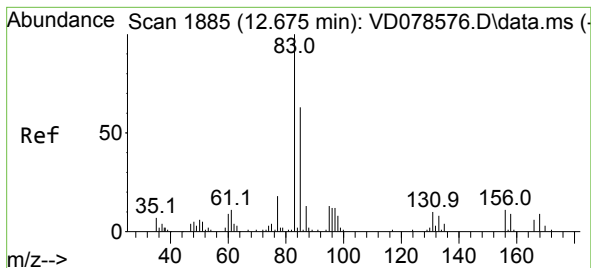
Tgt Ion:105 Resp: 126957
Ion Ratio Lower Upper
105 100
120 26.9 14.3 42.9



#74
N-ethyl acetate
Concen: 22.135 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

Tgt Ion: 43 Resp: 22597
Ion Ratio Lower Upper
43 100
70 51.7 45.0 67.4
55 29.6 23.8 35.6
61 29.9 22.1 33.1

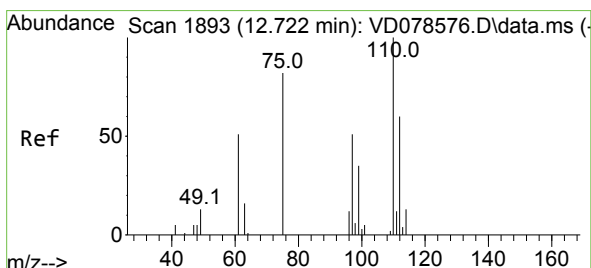
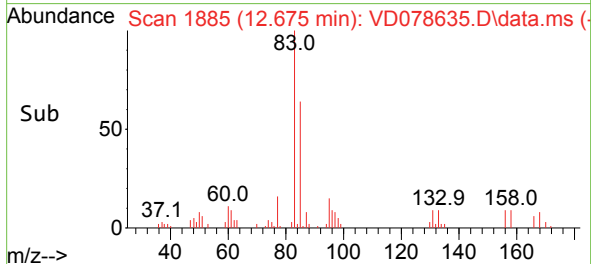
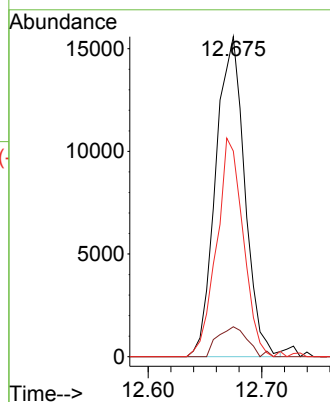
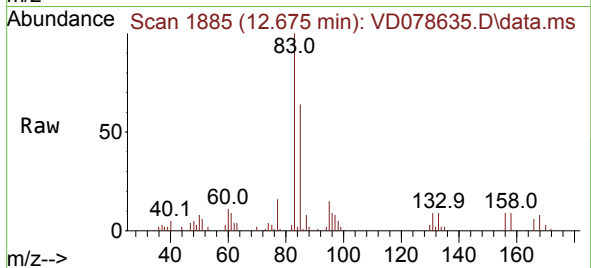




#75
1,1,2,2-Tetrachloroethane
Concen: 23.811 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

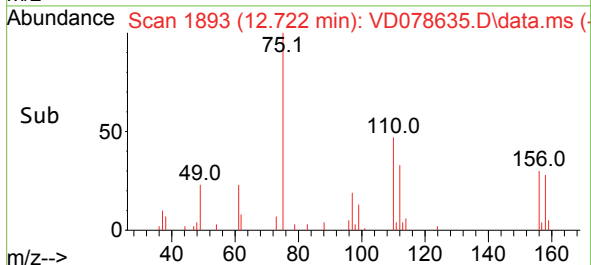
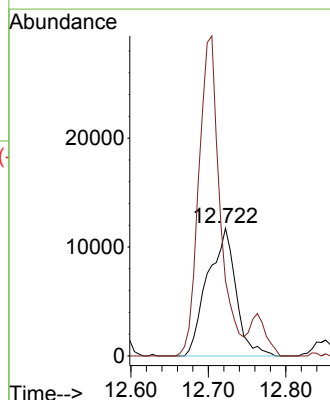
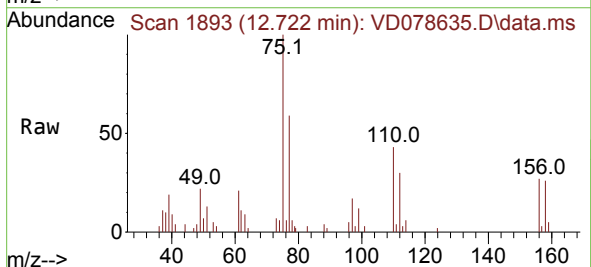
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBS01

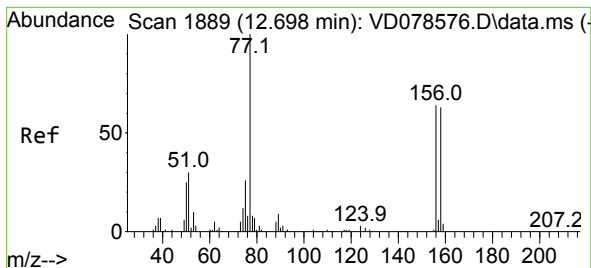
Tgt Ion: 83 Resp: 27667
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.3
85 62.7 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 40.825 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

Tgt Ion: 75 Resp: 29834
Ion Ratio Lower Upper
75 100
77 187.4 0.0 0.0#





#77

Bromobenzene

Concen: 21.818 ug/l

RT: 12.699 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD078635.D

Acq: 12 Mar 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

VD0312SBS01

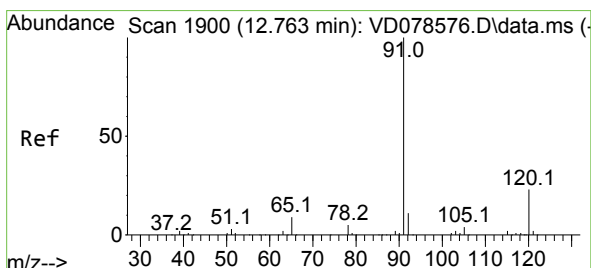
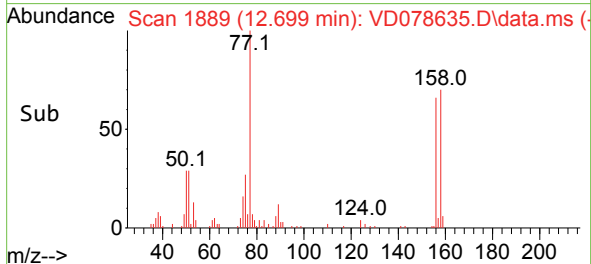
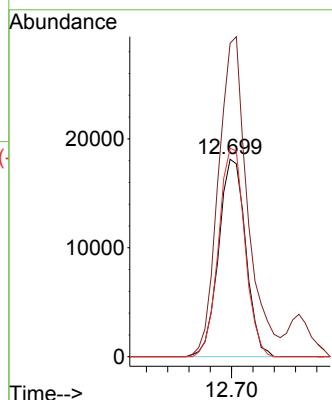
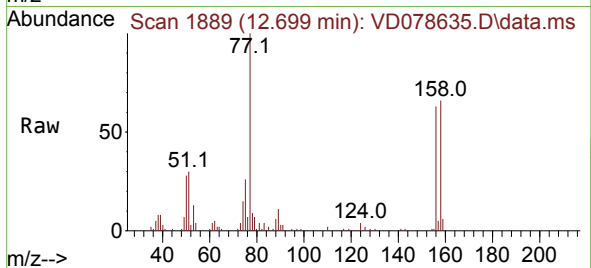
Tgt Ion:156 Resp: 32004

Ion Ratio Lower Upper

156 100

77 174.7 76.8 230.4

158 102.7 48.6 145.9



#78

n-propylbenzene

Concen: 21.759 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078635.D

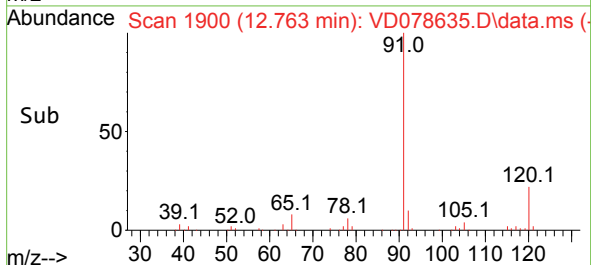
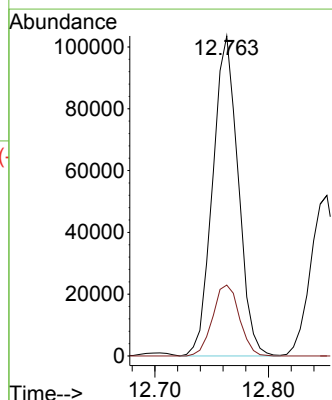
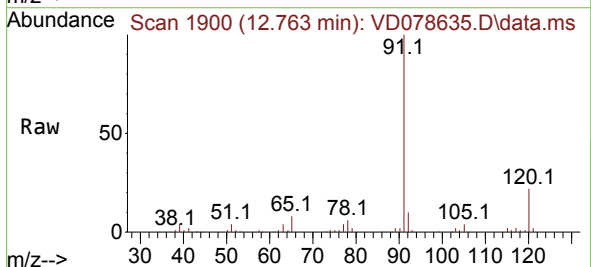
Acq: 12 Mar 2024 11:18

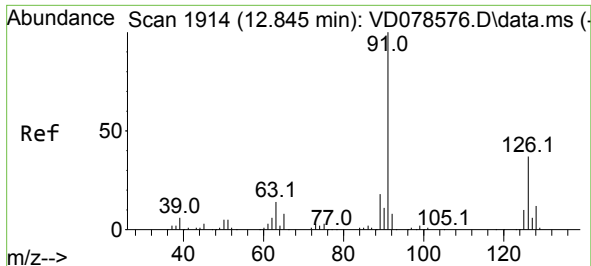
Tgt Ion: 91 Resp: 161433

Ion Ratio Lower Upper

91 100

120 23.2 12.4 37.2

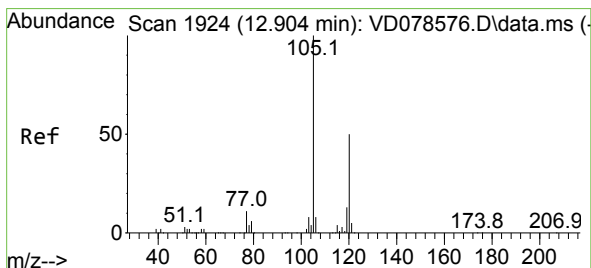
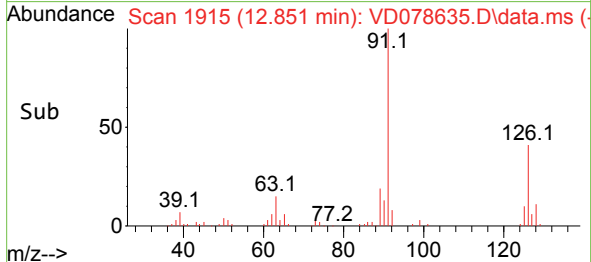
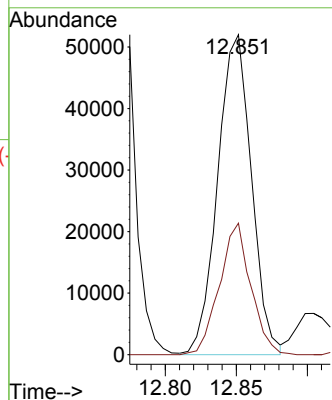
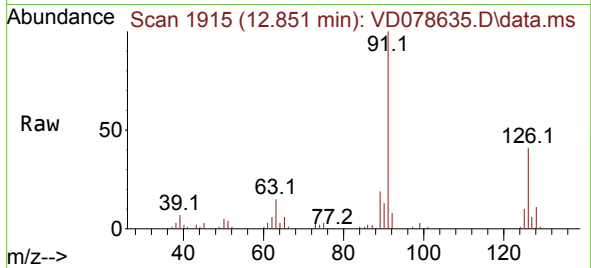




#79
2-Chlorotoluene
Concen: 21.589 ug/l
RT: 12.851 min Scan# 1914
Delta R.T. 0.006 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

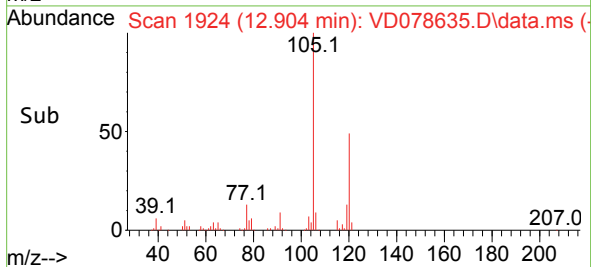
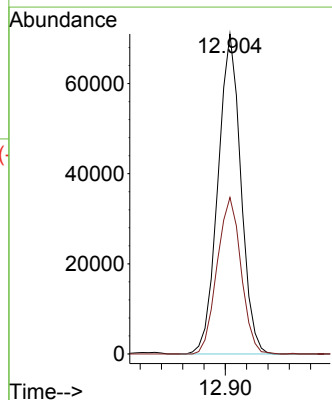
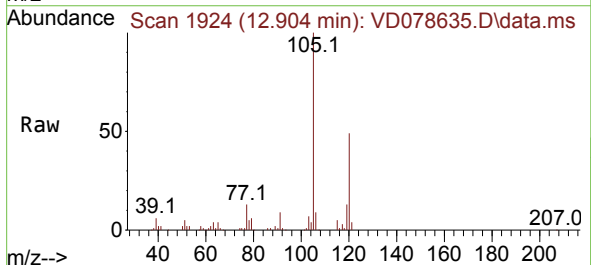
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBS01

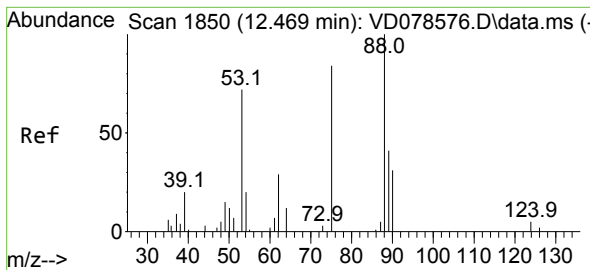
Tgt Ion: 91 Resp: 85949
Ion Ratio Lower Upper
91 100
126 38.2 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 21.426 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

Tgt Ion: 105 Resp: 105749
Ion Ratio Lower Upper
105 100
120 51.1 26.4 79.2

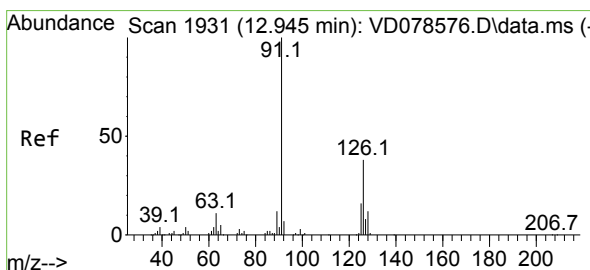
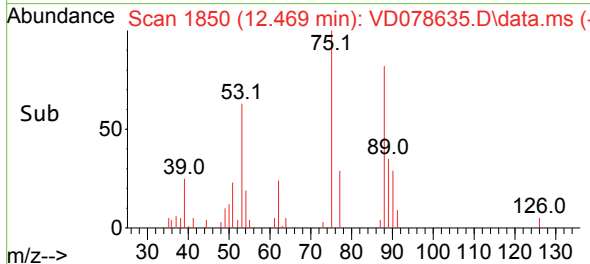
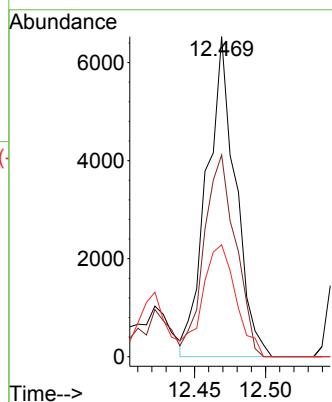
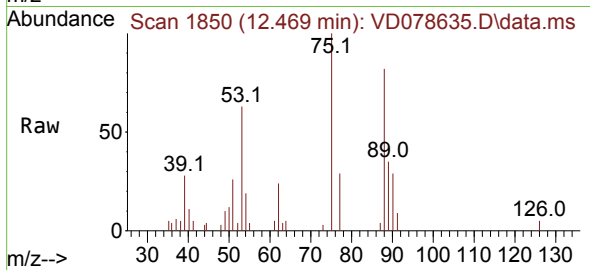




#81
trans-1,4-Dichloro-2-butene
Concen: 26.900 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

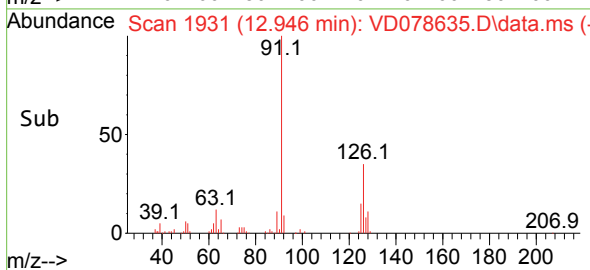
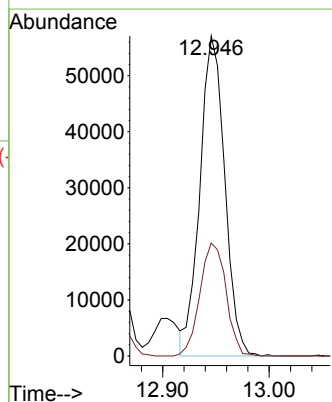
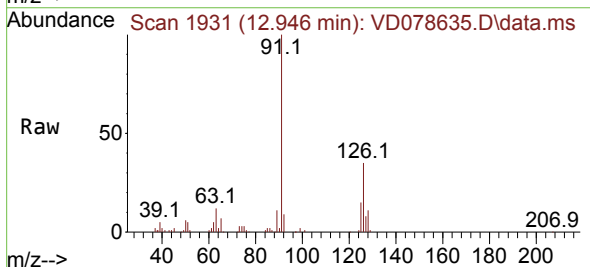
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBS01

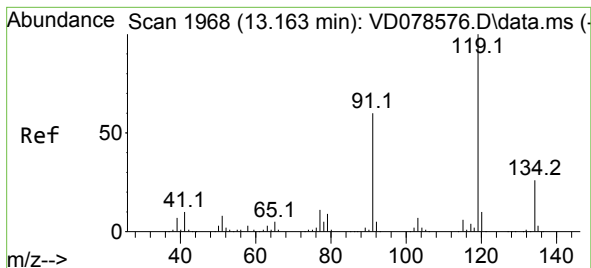
Tgt Ion: 75 Resp: 9184
Ion Ratio Lower Upper
75 100
53 69.1 63.0 94.4
89 40.7 37.9 56.9



#82
4-Chlorotoluene
Concen: 21.838 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

Tgt Ion: 91 Resp: 92657
Ion Ratio Lower Upper
91 100
126 37.1 19.4 58.4

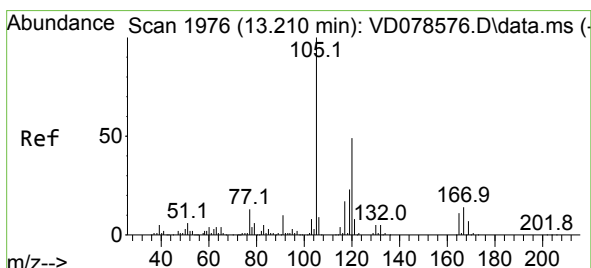
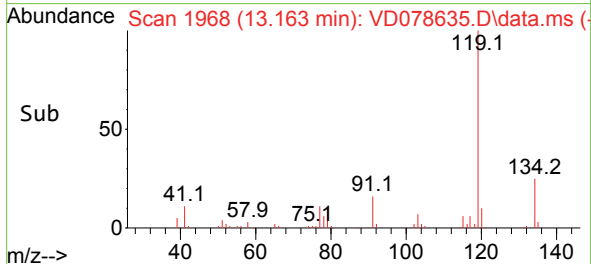
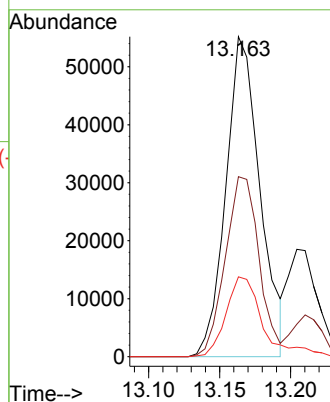
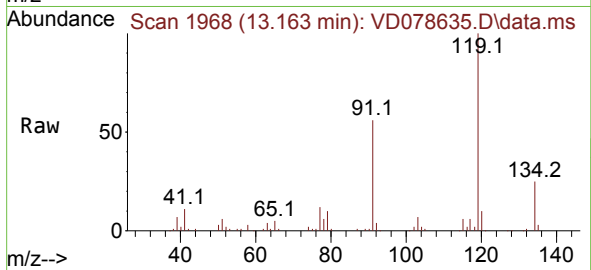




#83
tert-Butylbenzene
Concen: 21.716 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

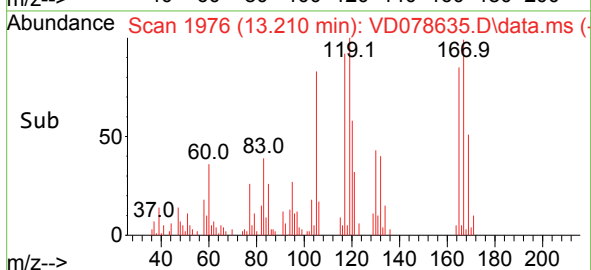
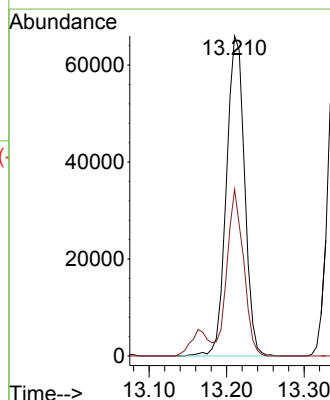
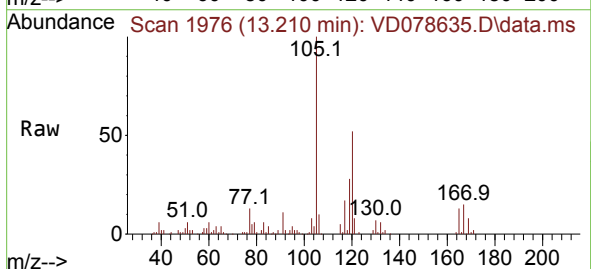
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBS01

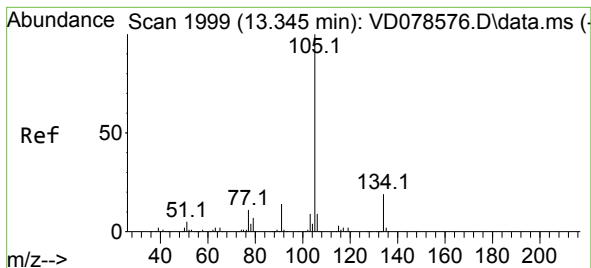
Tgt Ion:119 Resp: 92288
Ion Ratio Lower Upper
119 100
91 55.7 29.3 87.8
134 26.9 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 21.290 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

Tgt Ion:105 Resp: 107402
Ion Ratio Lower Upper
105 100
120 47.8 24.3 72.9





#85

sec-Butylbenzene

Concen: 21.388 ug/l

RT: 13.346 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078635.D

Acq: 12 Mar 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

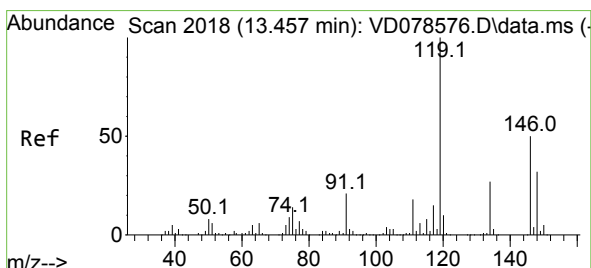
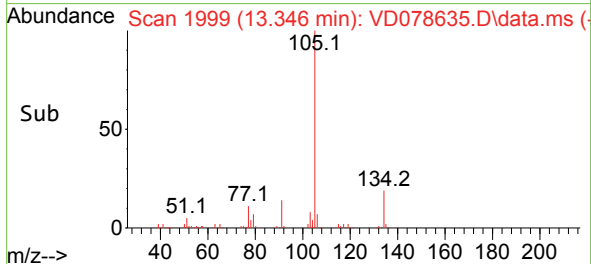
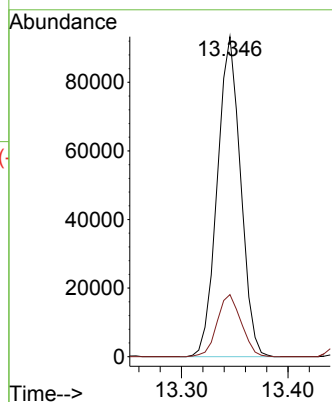
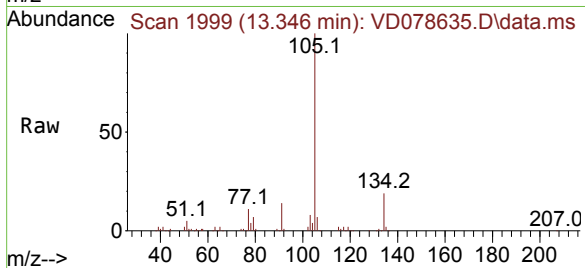
VD0312SBS01

Tgt Ion:105 Resp: 141802

Ion Ratio Lower Upper

105 100

134 20.0 10.9 32.9



#86

p-Isopropyltoluene

Concen: 21.102 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD078635.D

Acq: 12 Mar 2024 11:18

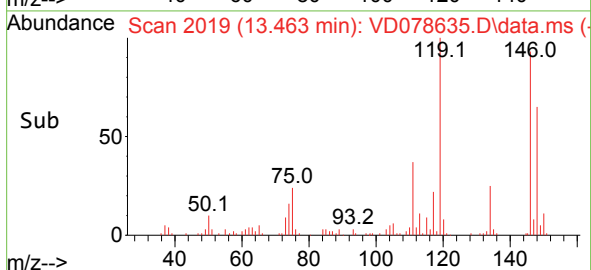
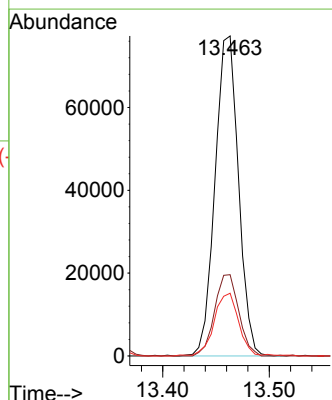
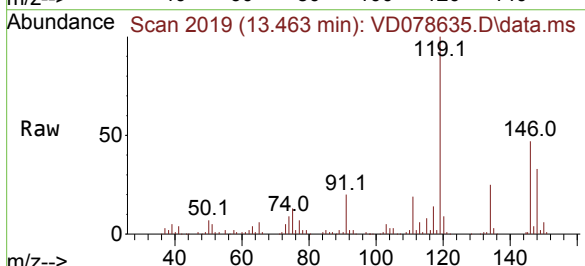
Tgt Ion:119 Resp: 117774

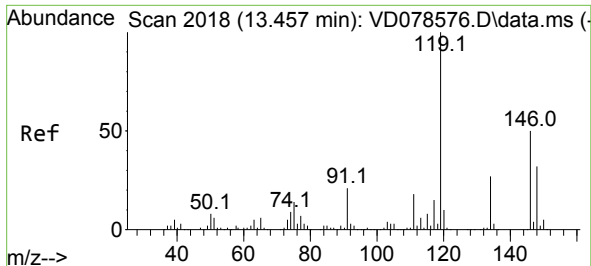
Ion Ratio Lower Upper

119 100

134 26.2 14.2 42.6

91 20.9 10.5 31.5

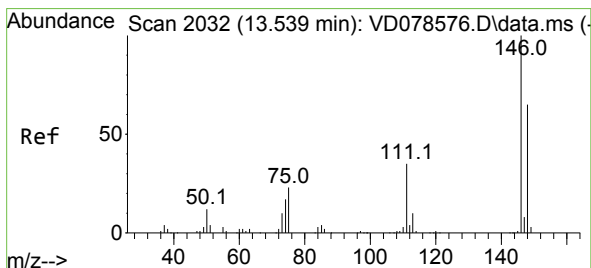
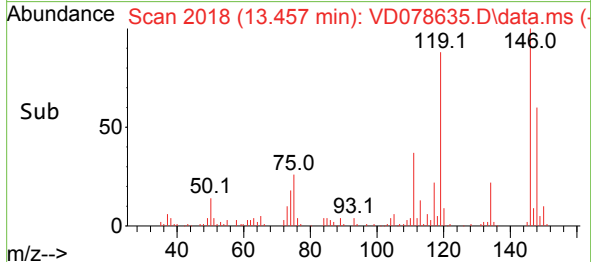
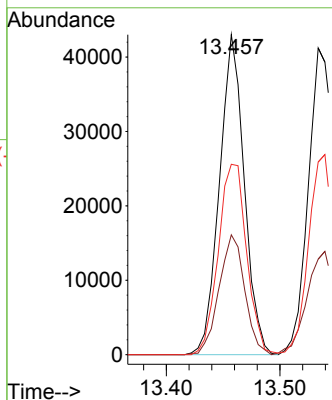
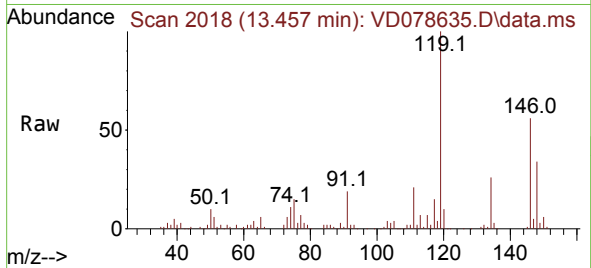




#87
1,3-Dichlorobenzene
Concen: 20.806 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

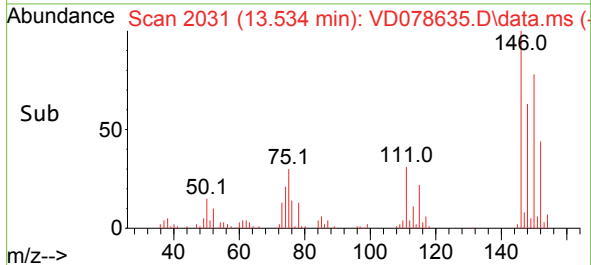
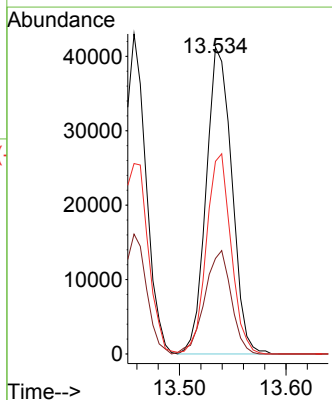
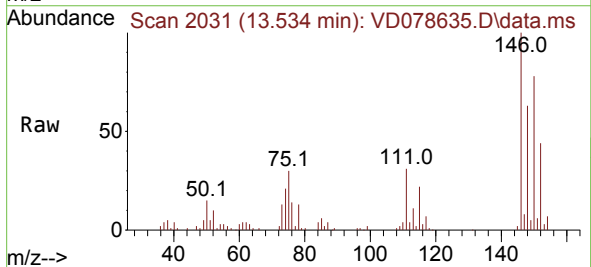
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBS01

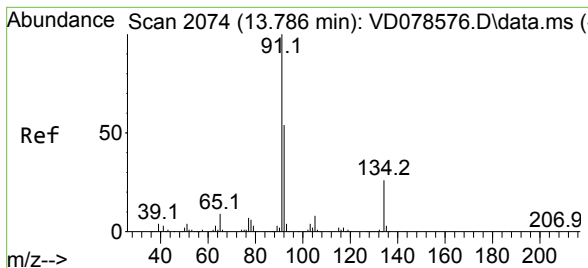
Tgt Ion:146 Resp: 65212
Ion Ratio Lower Upper
146 100
111 38.8 17.9 53.8
148 68.1 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 22.001 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.005 min
Lab File: VD078635.D
Acq: 12 Mar 2024 11:18

Tgt Ion:146 Resp: 69088
Ion Ratio Lower Upper
146 100
111 34.7 17.4 52.3
148 62.7 31.7 95.1





#89

n-Butylbenzene

Concen: 20.538 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078635.D

Acq: 12 Mar 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

VD0312SBS01

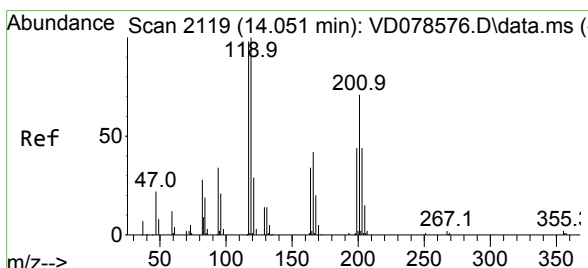
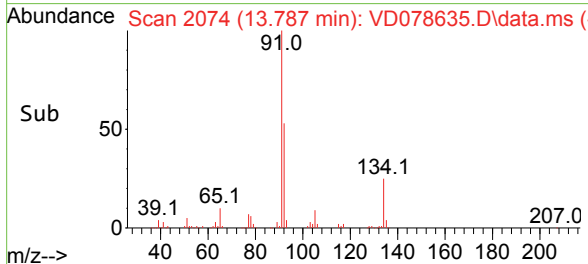
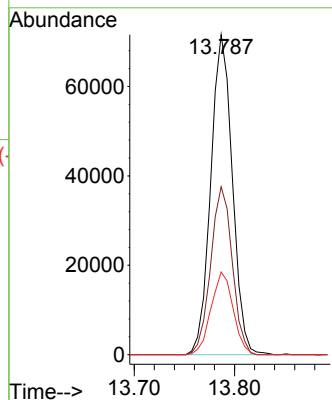
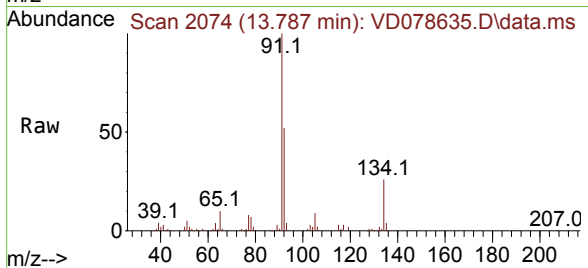
Tgt Ion: 91 Resp: 107118

Ion Ratio Lower Upper

91 100

92 52.4 26.5 79.5

134 26.5 13.8 41.3



#90

Hexachloroethane

Concen: 22.267 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078635.D

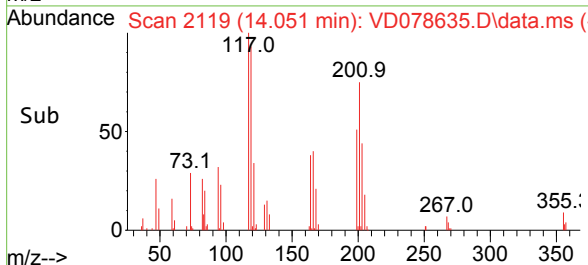
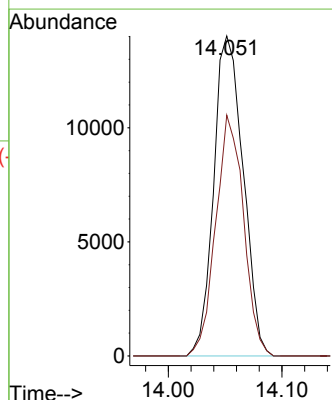
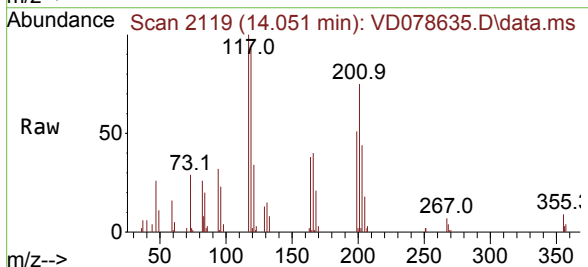
Acq: 12 Mar 2024 11:18

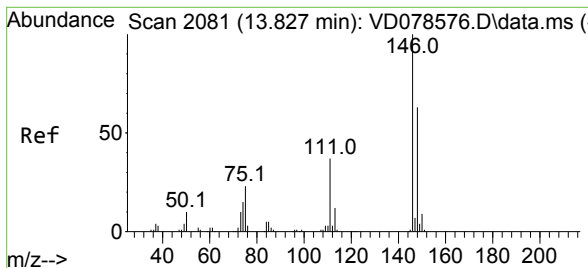
Tgt Ion: 117 Resp: 25269

Ion Ratio Lower Upper

117 100

201 71.1 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 22.254 ug/l

RT: 13.834 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VD078635.D

Acq: 12 Mar 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

VD0312SBS01

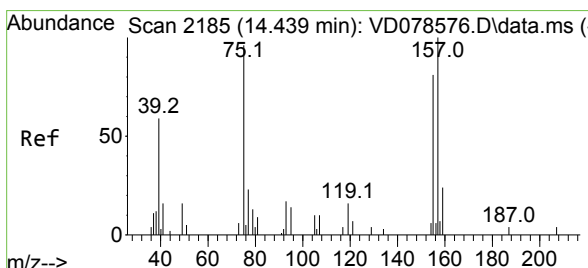
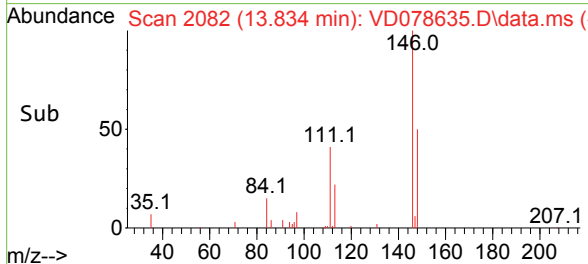
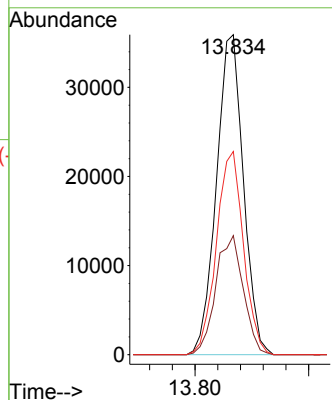
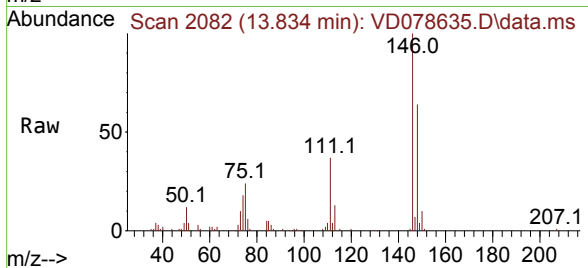
Tgt Ion:146 Resp: 59247

Ion Ratio Lower Upper

146 100

111 37.9 18.3 54.8

148 63.7 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.186 ug/l

RT: 14.440 min Scan# 2185

Delta R.T. 0.000 min

Lab File: VD078635.D

Acq: 12 Mar 2024 11:18

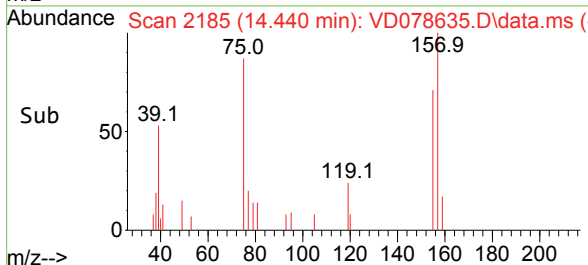
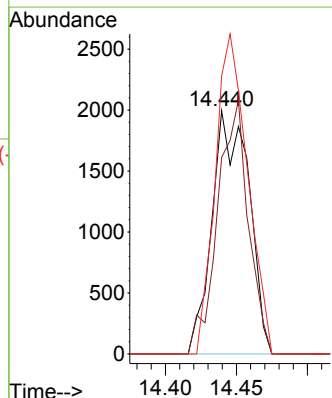
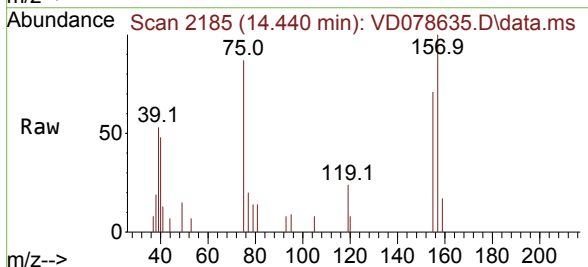
Tgt Ion: 75 Resp: 3591

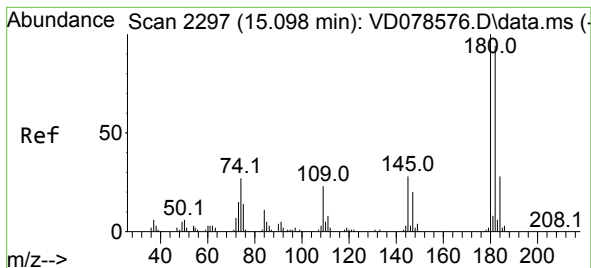
Ion Ratio Lower Upper

75 100

155 87.3 47.9 143.8

157 115.7 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 21.719 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078635.D

Acq: 12 Mar 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

VD0312SBS01

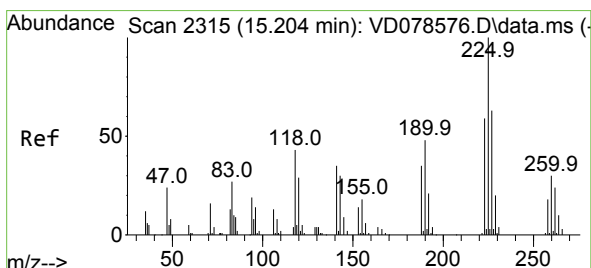
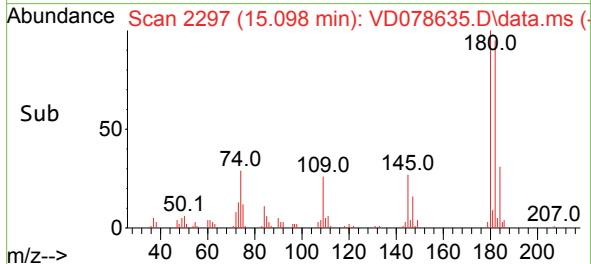
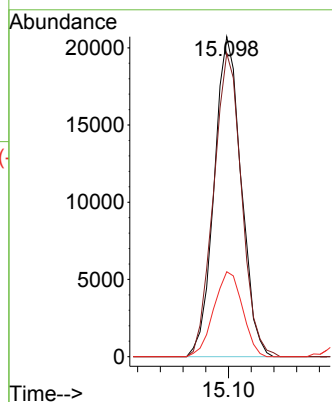
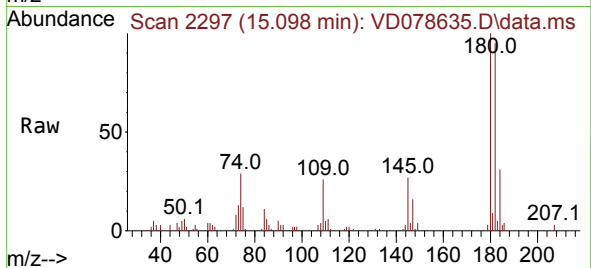
Tgt Ion:180 Resp: 34241

Ion Ratio Lower Upper

180 100

182 98.0 48.5 145.6

145 28.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.551 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078635.D

Acq: 12 Mar 2024 11:18

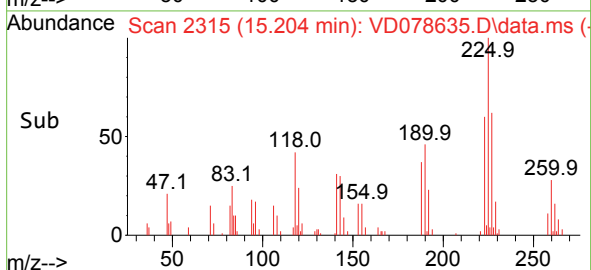
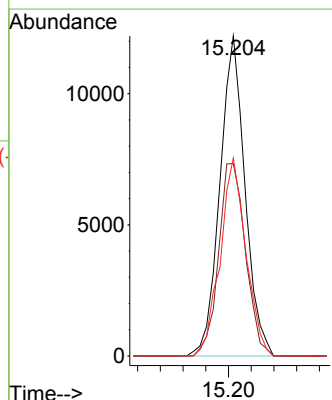
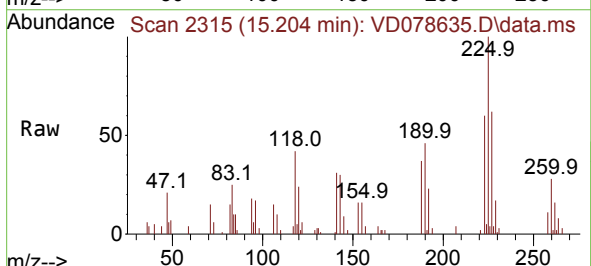
Tgt Ion:225 Resp: 18694

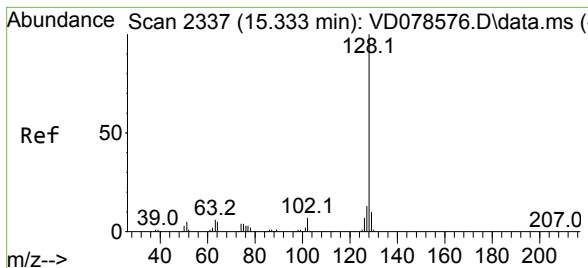
Ion Ratio Lower Upper

225 100

223 64.3 31.6 94.8

227 63.3 31.7 95.1





#95

Naphthalene

Concen: 21.957 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078635.D

Acq: 12 Mar 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

VD0312SBS01

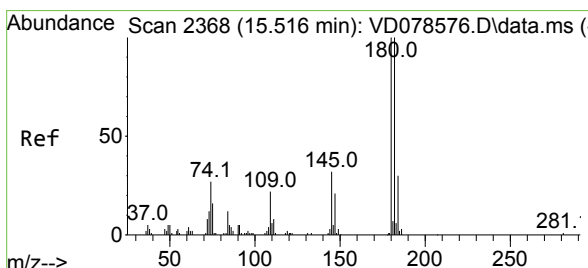
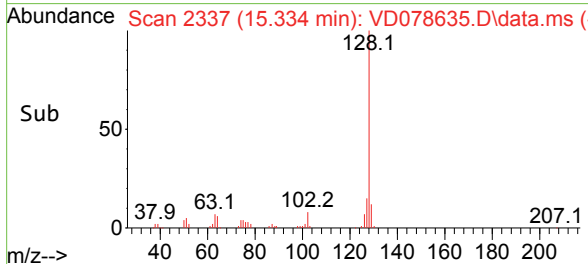
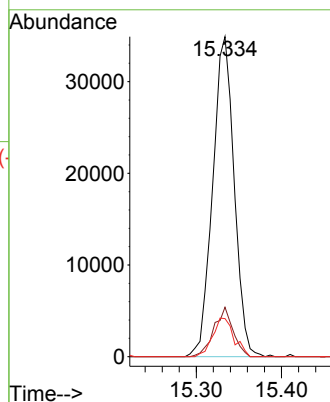
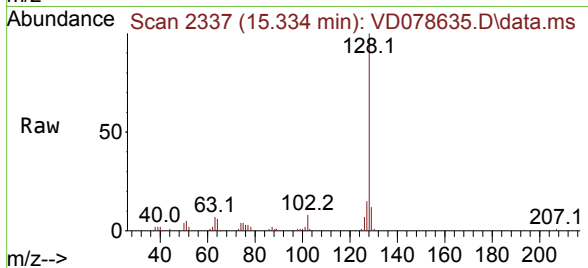
Tgt Ion:128 Resp: 61168

Ion Ratio Lower Upper

128 100

127 15.5 10.5 15.7

129 11.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 22.527 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.006 min

Lab File: VD078635.D

Acq: 12 Mar 2024 11:18

Tgt Ion:180 Resp: 31541

Ion Ratio Lower Upper

180 100

182 91.5 47.3 141.9

145 30.2 15.1 45.3

