

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030124\
 Data File : VD078574.D
 Acq On : 01 Mar 2024 12:43
 Operator : RP/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: Mar 02 03:36:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:25:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	120154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	213923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	192653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	95118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	14129	11.862	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	23.720%#
35) Dibromofluoromethane	7.810	113	15779	11.339	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	22.680%#
50) Toluene-d8	10.269	98	56660	10.478	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	20.960%#
62) 4-Bromofluorobenzene	12.575	95	14964	9.689	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	19.380%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	12857	10.387	ug/l	97
3) Chloromethane	2.152	50	21245	8.665	ug/l	97
4) Vinyl Chloride	2.281	62	31856	10.786	ug/l	97
5) Bromomethane	2.693	94	25946	11.000	ug/l	98
6) Chloroethane	2.840	64	24273	11.089	ug/l	95
7) Trichlorofluoromethane	3.175	101	22099	11.066	ug/l	98
8) Diethyl Ether	3.599	74	5487	9.785	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.969	101	14148	11.241	ug/l	95
10) Methyl Iodide	4.164	142	12423	9.432	ug/l #	91
11) Tert butyl alcohol	5.046	59	3000	50.439	ug/l #	73
12) 1,1-Dichloroethene	3.946	96	12412	10.563	ug/l	90
13) Acrolein	3.799	56	6014	50.913	ug/l	96
14) Allyl chloride	4.569	41	13708	10.243	ug/l	90
15) Acrylonitrile	5.263	53	11551	49.963	ug/l	97
16) Acetone	4.028	43	12748	55.866	ug/l	89
17) Carbon Disulfide	4.269	76	42253	10.793	ug/l #	91
18) Methyl Acetate	4.563	43	4519	10.463	ug/l #	70
19) Methyl tert-butyl Ether	5.322	73	22939	9.602	ug/l #	91
20) Methylene Chloride	4.805	84	25866	7.473	ug/l	94
21) trans-1,2-Dichloroethene	5.311	96	14972	10.605	ug/l	94
22) Diisopropyl ether	6.216	45	30276	10.090	ug/l	93
23) Vinyl Acetate	6.158	43	85246	47.835	ug/l	97
24) 1,1-Dichloroethane	6.110	63	23945	10.563	ug/l #	89
25) 2-Butanone	7.087	43	14423	50.108	ug/l #	76
26) 2,2-Dichloropropane	7.081	77	21005	10.968	ug/l	92
27) cis-1,2-Dichloroethene	7.087	96	15626	10.108	ug/l	99
28) Bromochloromethane	7.422	49	9996	11.803	ug/l #	81
29) Tetrahydrofuran	7.446	42	7507	46.944	ug/l	92
30) Chloroform	7.604	83	25814	10.547	ug/l	99
31) Cyclohexane	7.881	56	21345	11.450	ug/l #	95
32) 1,1,1-Trichloroethane	7.793	97	22278	10.610	ug/l	99
36) 1,1-Dichloropropene	8.004	75	17938	9.315	ug/l	97
37) Ethyl Acetate	7.169	43	6101	9.778	ug/l #	90
38) Carbon Tetrachloride	7.993	117	19531	9.697	ug/l	97
39) Methylcyclohexane	9.275	83	20323	8.992	ug/l	97
40) Benzene	8.257	78	54122	9.482	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030124\
 Data File : VD078574.D
 Acq On : 01 Mar 2024 12:43
 Operator : RP/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: Mar 02 03:36:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:25:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	2320	6.938	ug/l #	55
42) 1,2-Dichloroethane	8.328	62	13668	9.439	ug/l	97
43) Isopropyl Acetate	8.363	43	10971	9.172	ug/l #	89
44) Trichloroethene	9.028	130	15264	9.745	ug/l	93
45) 1,2-Dichloropropane	9.304	63	13280	9.686	ug/l	98
46) Dibromomethane	9.393	93	7682	9.719	ug/l	92
47) Bromodichloromethane	9.581	83	18502	9.493	ug/l #	92
48) Methyl methacrylate	9.387	41	5055	9.329	ug/l	87
49) 1,4-Dioxane	9.387	88	1201	206.528	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	27961	45.287	ug/l	90
52) Toluene	10.334	92	33519	9.152	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	16088	8.923	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	19885	9.211	ug/l #	85
55) 1,1,2-Trichloroethane	10.728	97	9942	8.933	ug/l #	92
56) Ethyl methacrylate	10.598	69	9249	8.291	ug/l #	81
57) 1,3-Dichloropropane	10.881	76	17576	9.745	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.869	63	21825	45.113	ug/l	100
59) 2-Hexanone	10.922	43	20754	45.320	ug/l	86
60) Dibromochloromethane	11.075	129	12337	9.180	ug/l	99
61) 1,2-Dibromoethane	11.175	107	9640	9.438	ug/l	99
64) Tetrachloroethene	10.810	164	11764	9.705	ug/l	97
65) Chlorobenzene	11.604	112	37167	9.797	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.675	131	12836	9.088	ug/l	97
67) Ethyl Benzene	11.681	91	59775	9.093	ug/l	96
68) m/p-Xylenes	11.793	106	47692	17.933	ug/l	95
69) o-Xylene	12.116	106	21425	8.881	ug/l	93
70) Styrene	12.134	104	36896	8.823	ug/l	97
71) Bromoform	12.292	173	7193	9.573	ug/l #	99
73) Isopropylbenzene	12.416	105	55951	9.279	ug/l	96
74) N-amyl acetate	12.234	43	9034	8.902	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	11923	10.322	ug/l	94
76) 1,2,3-Trichloropropane	12.716	75	12438	17.083	ug/l #	100
77) Bromobenzene	12.698	156	13112	8.992	ug/l	92
78) n-propylbenzene	12.757	91	69745	9.457	ug/l	96
79) 2-Chlorotoluene	12.845	91	37947	9.588	ug/l	97
80) 1,3,5-Trimethylbenzene	12.898	105	44903	9.152	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.475	75	3213	9.467	ug/l	86
82) 4-Chlorotoluene	12.945	91	40701	9.650	ug/l	99
83) tert-Butylbenzene	13.163	119	39103	9.256	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	44525	8.879	ug/l	99
85) sec-Butylbenzene	13.345	105	60390	9.163	ug/l	96
86) p-Isopropyltoluene	13.457	119	48769	8.790	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	28717	9.217	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	30569	9.793	ug/l	98
89) n-Butylbenzene	13.787	91	47430	9.148	ug/l	95
90) Hexachloroethane	14.051	117	11351	10.062	ug/l	90
91) 1,2-Dichlorobenzene	13.828	146	24673	9.322	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1497	9.723	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	13857	8.842	ug/l	100
94) Hexachlorobutadiene	15.204	225	8261	9.580	ug/l	96
95) Naphthalene	15.328	128	23166	8.365	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.522	180	12341	8.867	ug/l	99

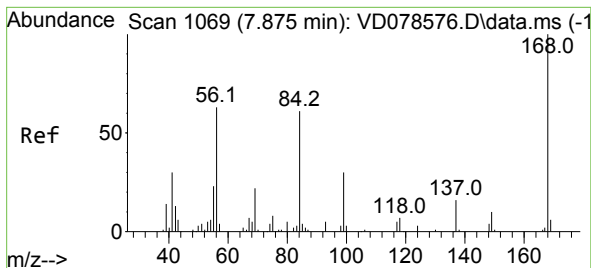
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030124\
Data File : VD078574.D
Acq On : 01 Mar 2024 12:43
Operator : RP/MD
Sample : VSTDICC010
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Quant Time: Mar 02 03:36:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:25:57 2024
Response via : Initial Calibration

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

(#) = 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: VD078574.D

Acq: 01 Mar 2024 12:43

Instrument :

MSVOA_D

ClientSampleId :

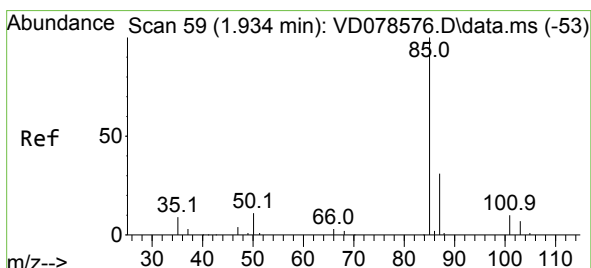
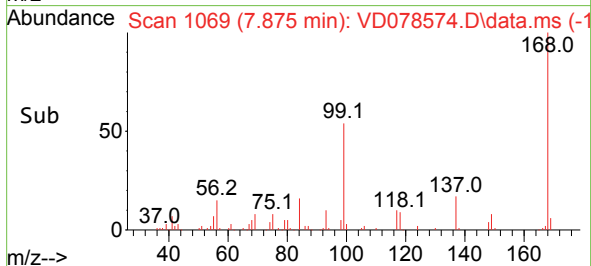
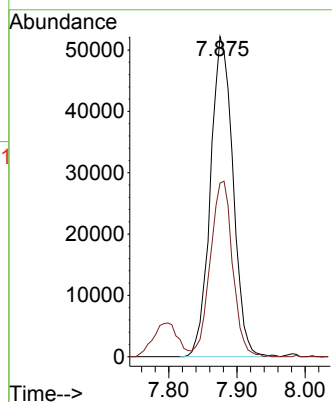
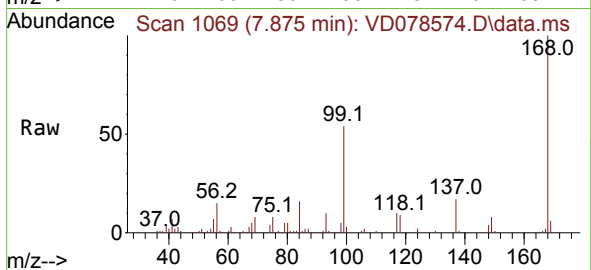
VSTDIC010

Tgt Ion:168 Resp: 120154

Ion Ratio Lower Upper

168 100

99 54.3 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 10.387 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078574.D

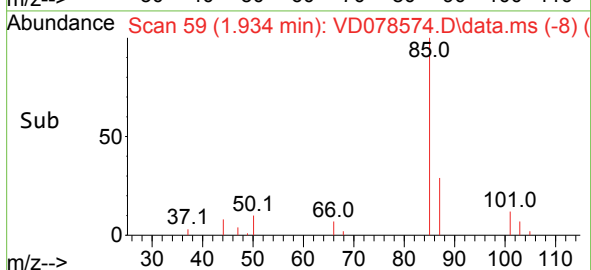
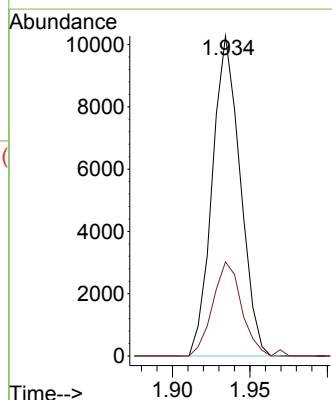
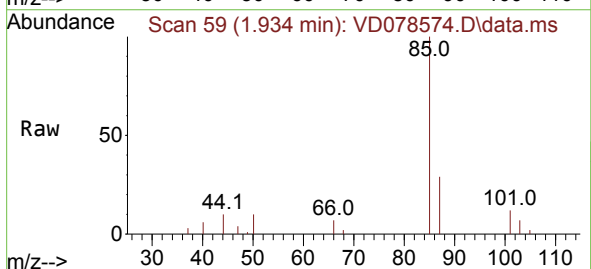
Acq: 01 Mar 2024 12:43

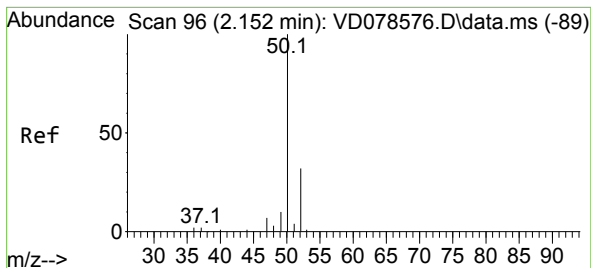
Tgt Ion: 85 Resp: 12857

Ion Ratio Lower Upper

85 100

87 29.4 15.7 47.0





#3

Chloromethane

Concen: 8.665 ug/l

RT: 2.152 min Scan# 96

Delta R.T. -0.000 min

Lab File: VD078574.D

Acq: 01 Mar 2024 12:43

Instrument :

MSVOA_D

ClientSampleId :

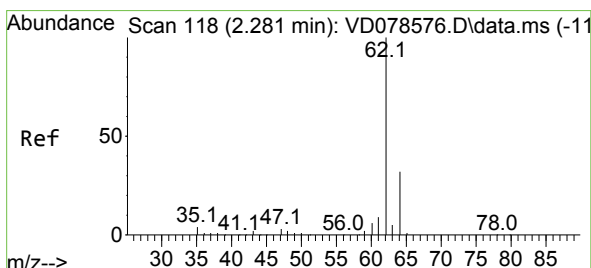
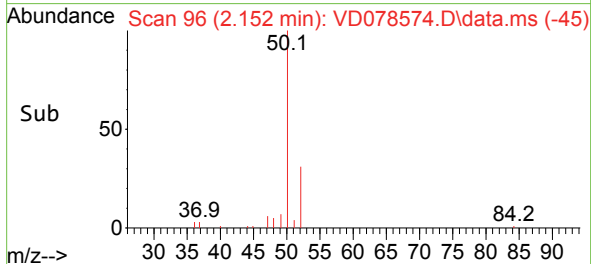
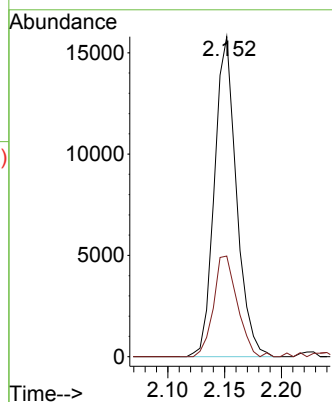
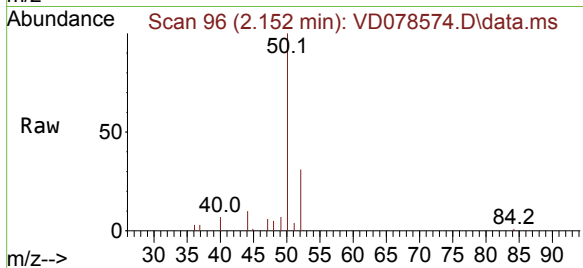
VSTDIC010

Tgt Ion: 50 Resp: 21245

Ion Ratio Lower Upper

50 100

52 31.4 26.6 40.0



#4

Vinyl Chloride

Concen: 10.786 ug/l

RT: 2.281 min Scan# 118

Delta R.T. 0.000 min

Lab File: VD078574.D

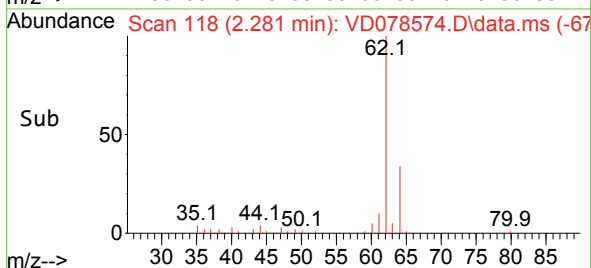
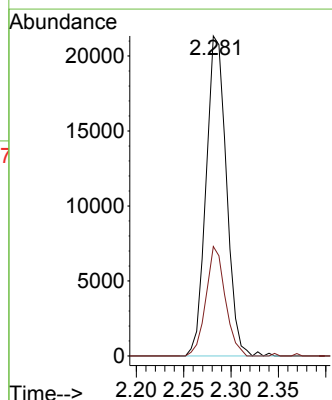
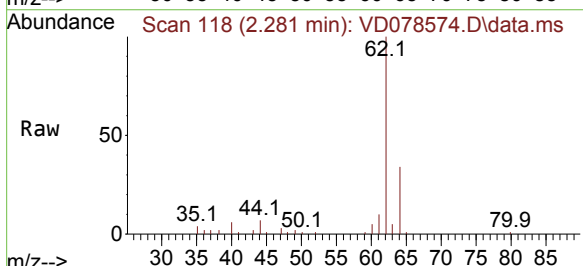
Acq: 01 Mar 2024 12:43

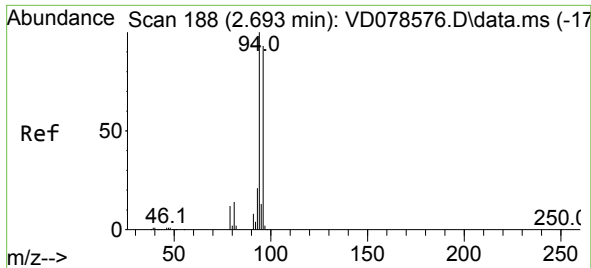
Tgt Ion: 62 Resp: 31856

Ion Ratio Lower Upper

62 100

64 34.2 26.0 39.0

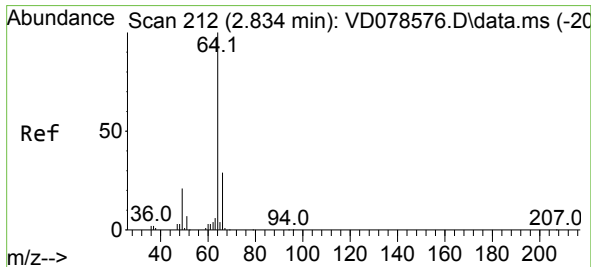
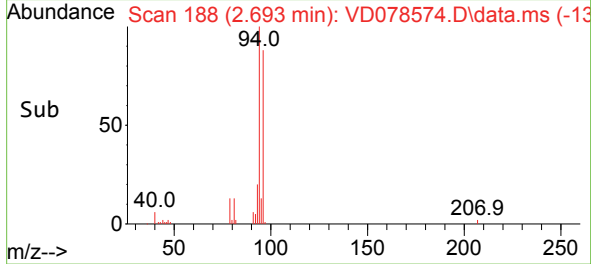
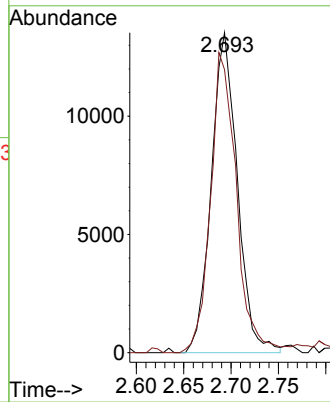
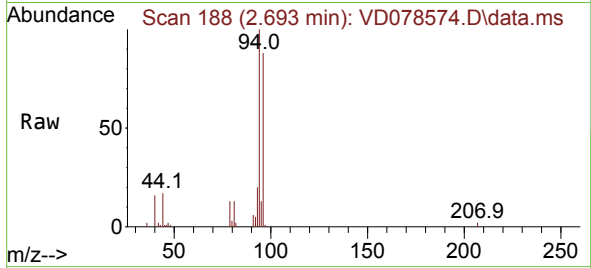




#5
Bromomethane
Concen: 11.000 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

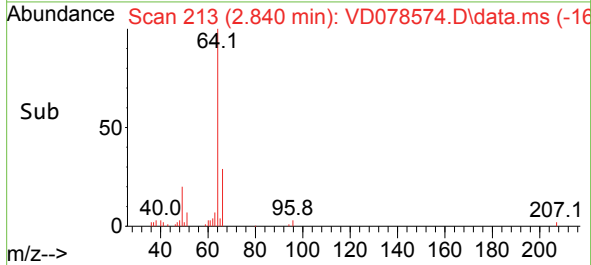
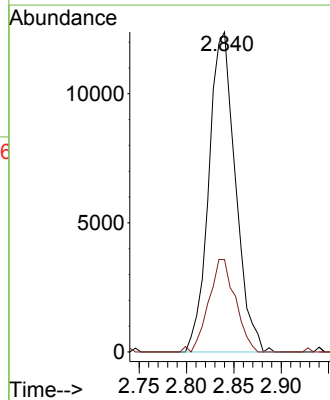
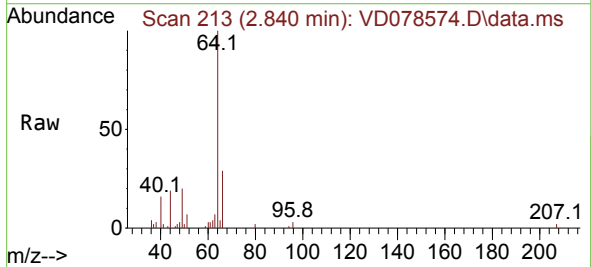
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

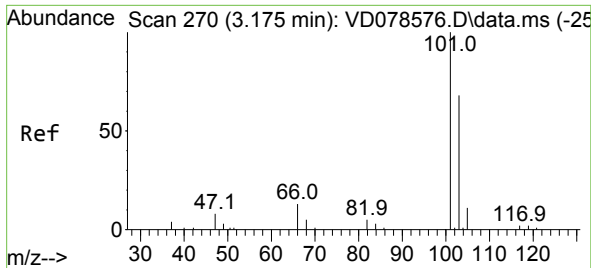
Tgt Ion: 94 Resp: 25946
Ion Ratio Lower Upper
94 100
96 92.6 75.8 113.8



#6
Chloroethane
Concen: 11.089 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.006 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

Tgt Ion: 64 Resp: 24273
Ion Ratio Lower Upper
64 100
66 28.9 25.5 38.3

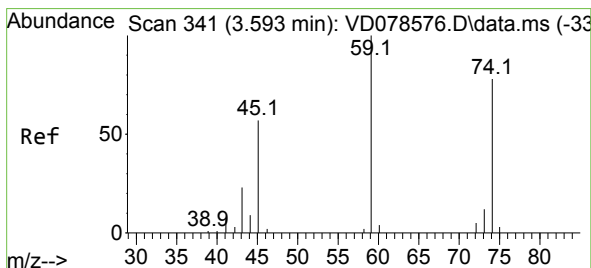
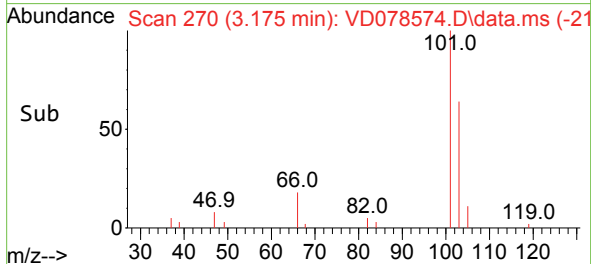
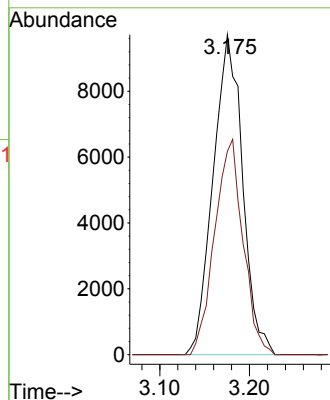
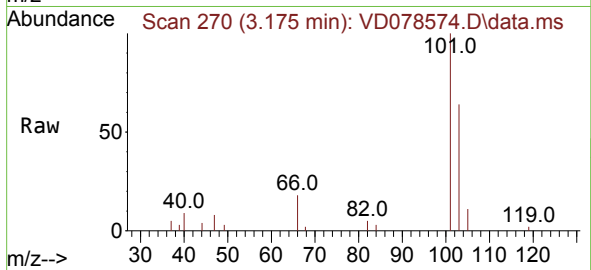




#7
Trichlorofluoromethane
Concen: 11.066 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

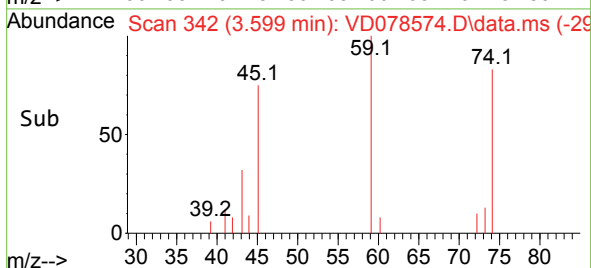
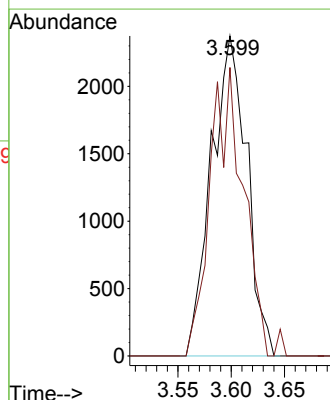
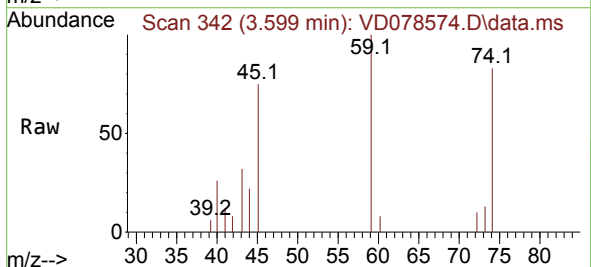
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

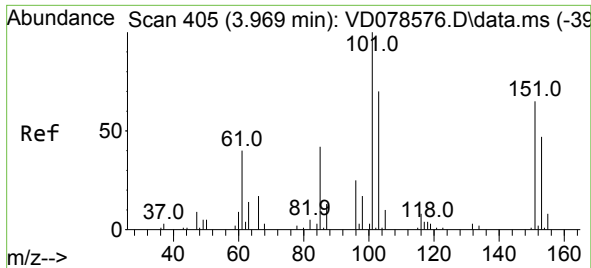
Tgt Ion:101 Resp: 22099
Ion Ratio Lower Upper
101 100
103 63.6 52.3 78.5



#8
Diethyl Ether
Concen: 9.785 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

Tgt Ion: 74 Resp: 5487
Ion Ratio Lower Upper
74 100
45 84.2 37.5 112.7

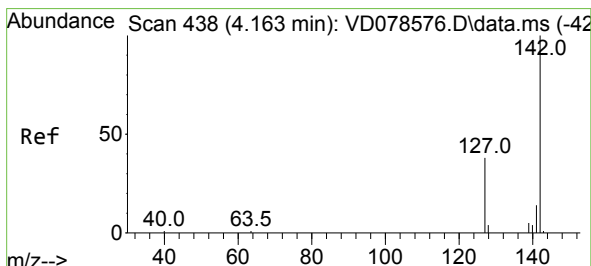
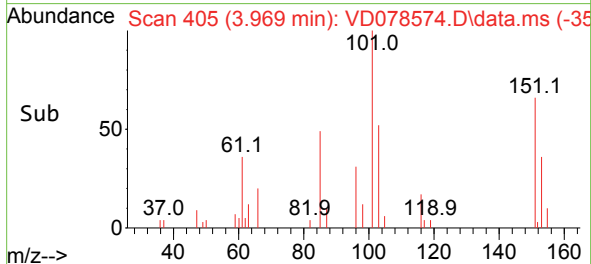
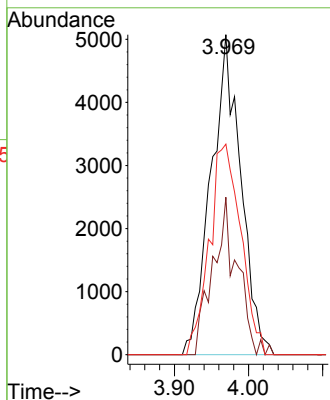
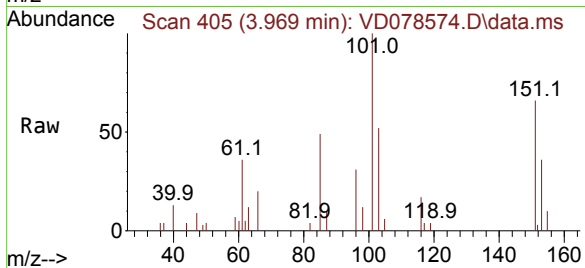




#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.241 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

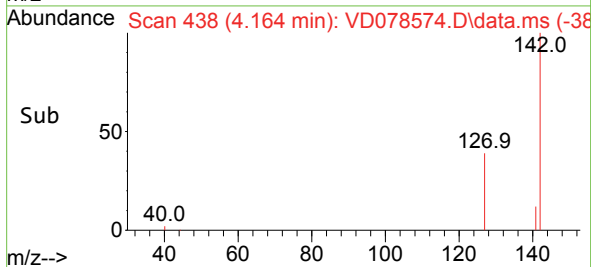
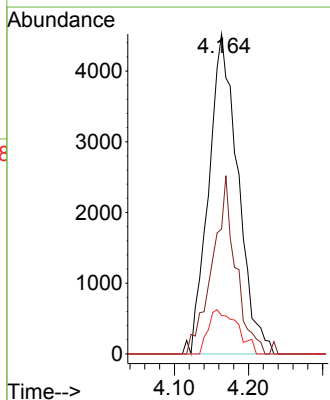
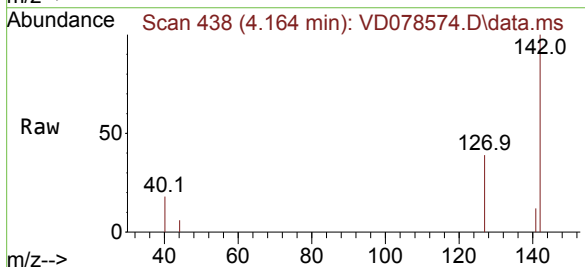
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

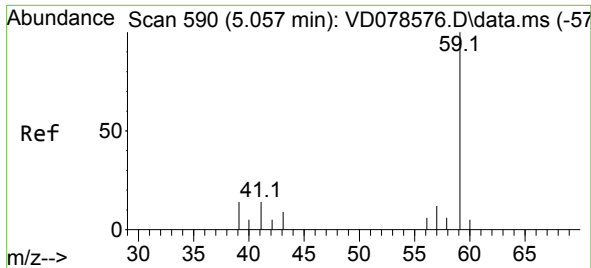
Tgt Ion:	101	Resp:	14148
Ion	Ratio	Lower	Upper
101	100		
85	40.0	33.8	50.6
151	69.5	59.8	89.6



#10
Methyl Iodide
Concen: 9.432 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

Tgt Ion:	142	Resp:	12423
Ion	Ratio	Lower	Upper
142	100		
127	44.2	29.4	44.0#
141	13.7	11.1	16.7

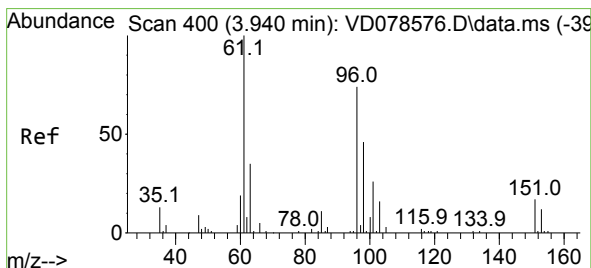
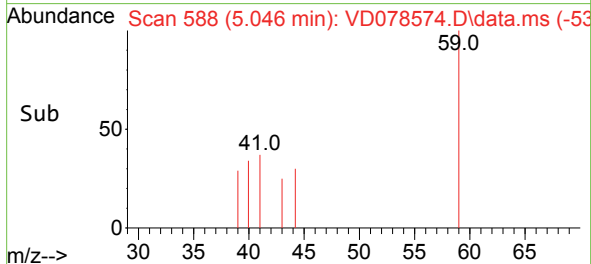
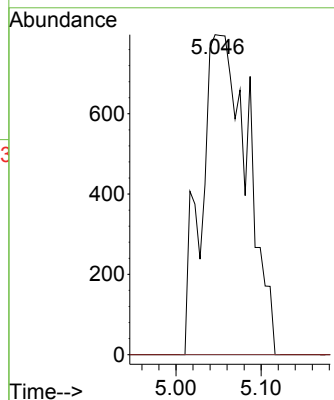
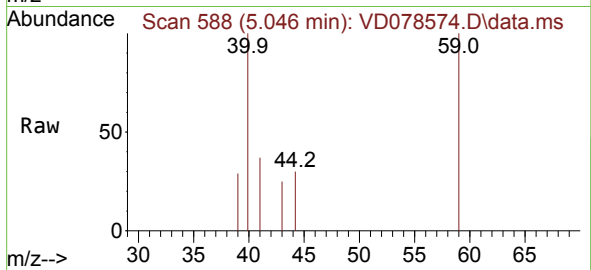




#11
Tert butyl alcohol
Concen: 50.439 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.011 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

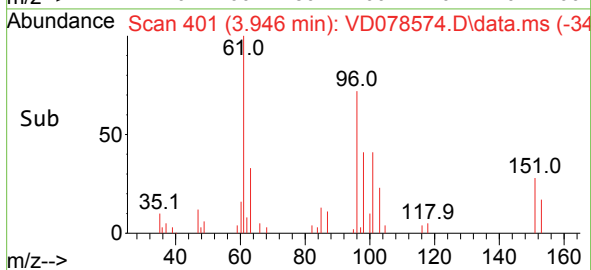
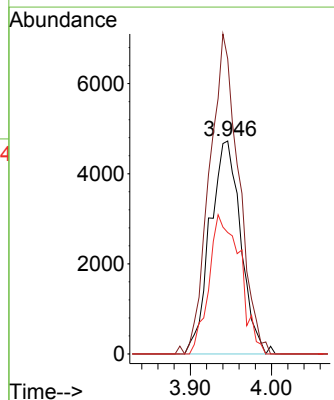
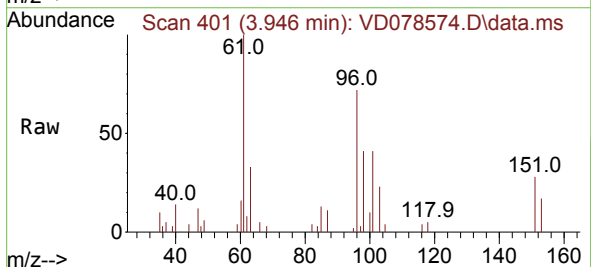
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

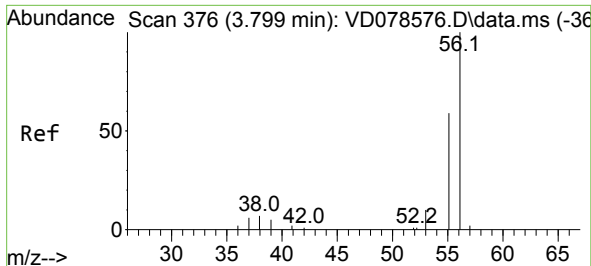
Tgt Ion: 59 Resp: 3000
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 10.563 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

Tgt Ion: 96 Resp: 12412
Ion Ratio Lower Upper
96 100
61 138.6 100.6 150.8
98 57.0 50.2 75.2

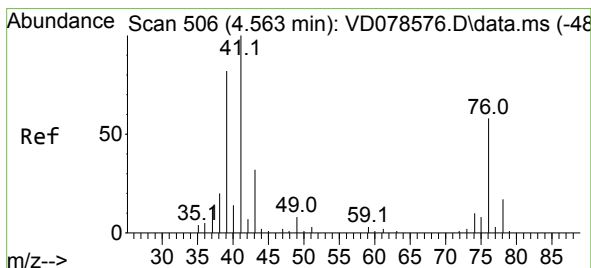
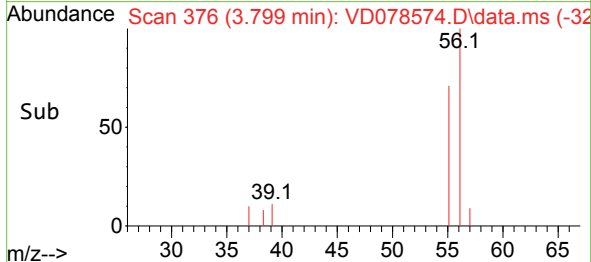
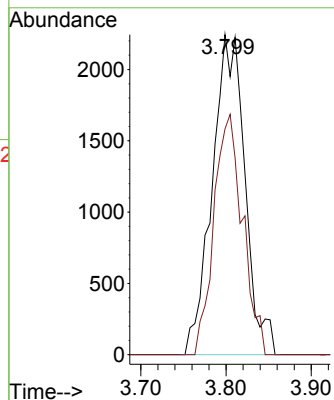
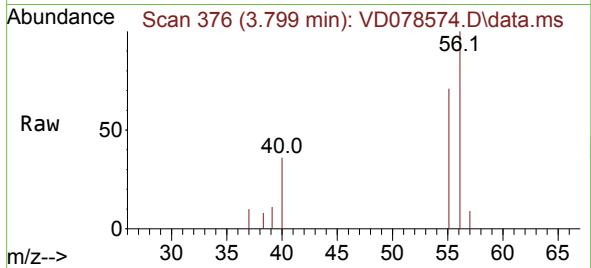




#13
Acrolein
Concen: 50.913 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

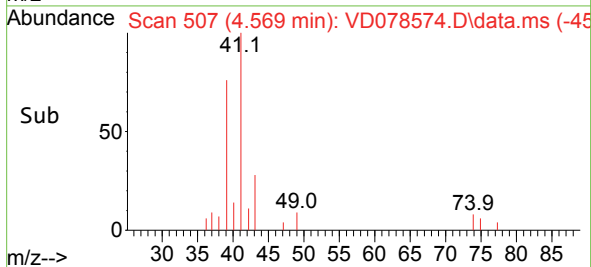
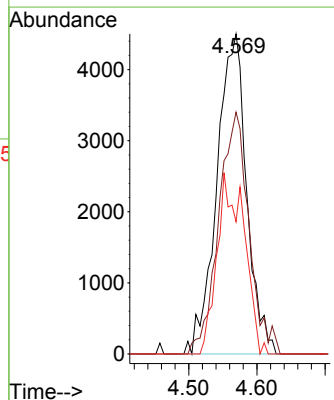
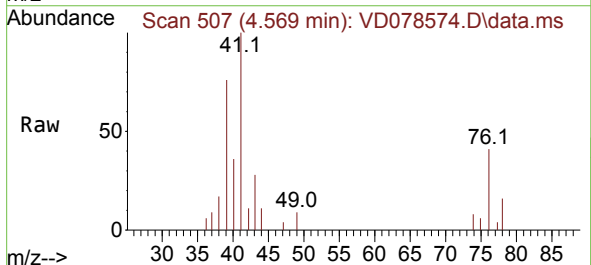
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

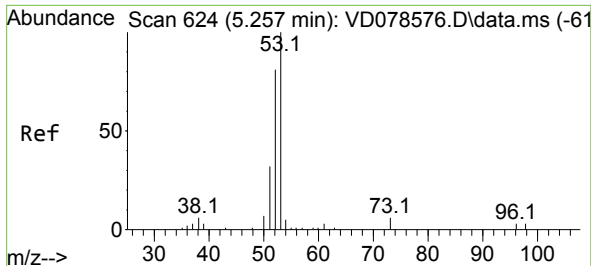
Tgt Ion: 56 Resp: 6014
Ion Ratio Lower Upper
56 100
55 65.5 55.1 82.7



#14
Allyl chloride
Concen: 10.243 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

Tgt Ion: 41 Resp: 13708
Ion Ratio Lower Upper
41 100
39 76.9 53.8 80.6
76 51.4 45.8 68.8





#15

Acrylonitrile

Concen: 49.963 ug/l

RT: 5.263 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD078574.D

Acq: 01 Mar 2024 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

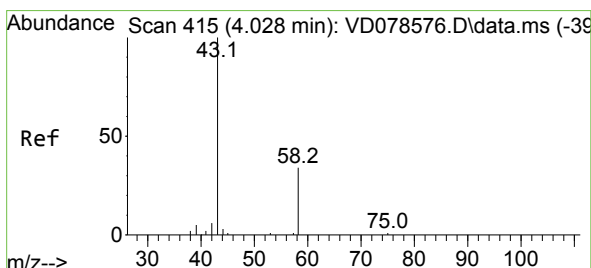
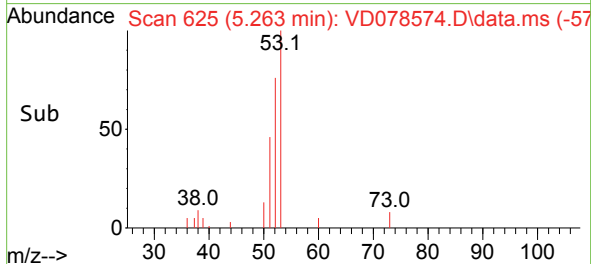
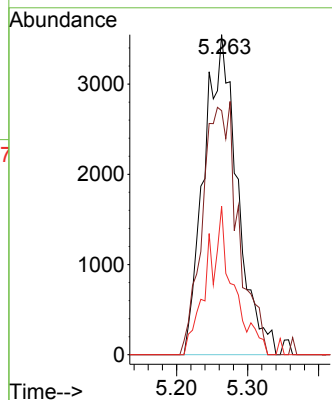
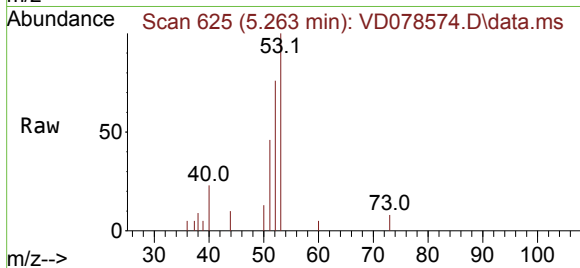
Tgt Ion: 53 Resp: 11551

Ion Ratio Lower Upper

53 100

52 84.1 65.0 97.4

51 36.2 28.3 42.5



#16

Acetone

Concen: 55.866 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.000 min

Lab File: VD078574.D

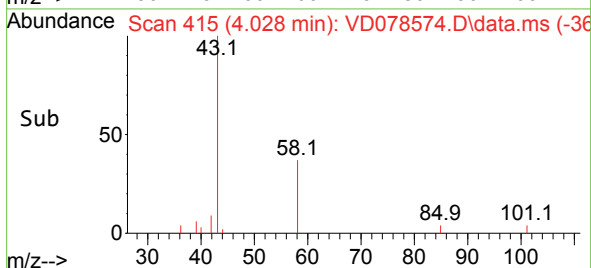
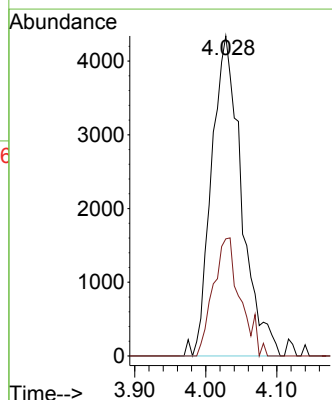
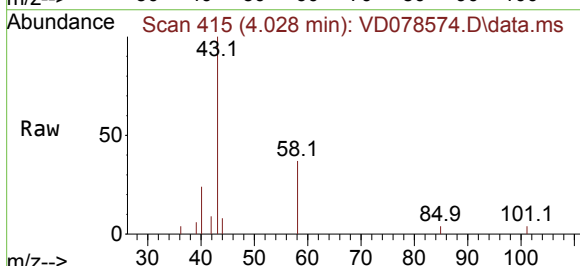
Acq: 01 Mar 2024 12:43

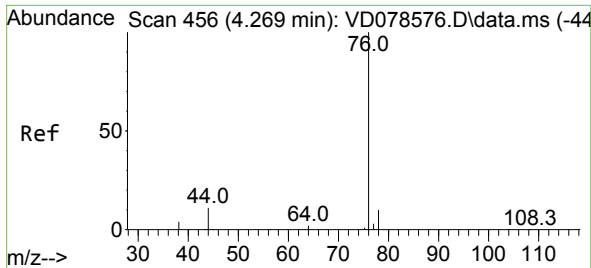
Tgt Ion: 43 Resp: 12748

Ion Ratio Lower Upper

43 100

58 36.6 34.7 52.1

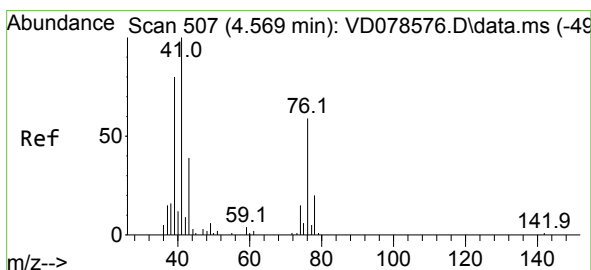
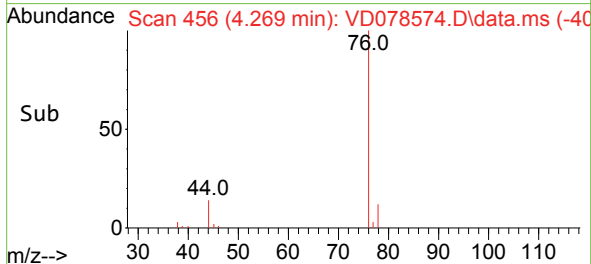
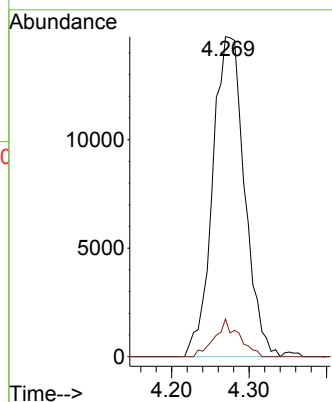
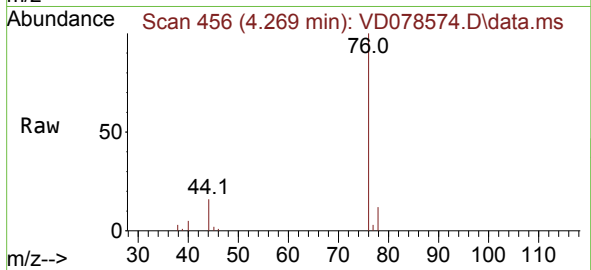




#17
Carbon Disulfide
Concen: 10.793 ug/l
RT: 4.269 min Scan# 411
Delta R.T. 0.000 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

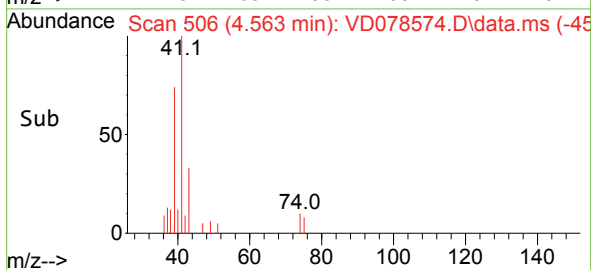
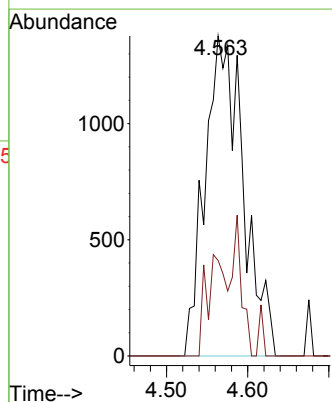
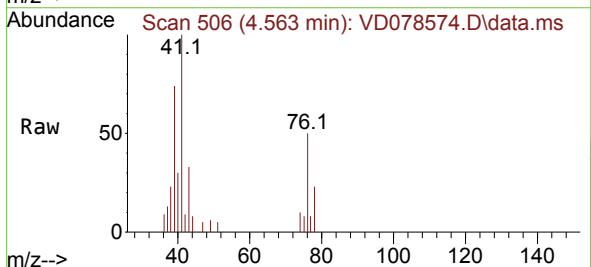
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

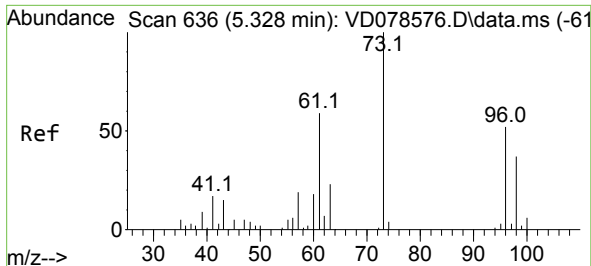
Tgt Ion: 76 Resp: 42253
Ion Ratio Lower Upper
76 100
78 11.8 6.8 10.2#



#18
Methyl Acetate
Concen: 10.463 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

Tgt Ion: 43 Resp: 4519
Ion Ratio Lower Upper
43 100
74 15.8 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 9.602 ug/l

RT: 5.322 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD078574.D

Acq: 01 Mar 2024 12:43

Instrument :

MSVOA_D

ClientSampleId :

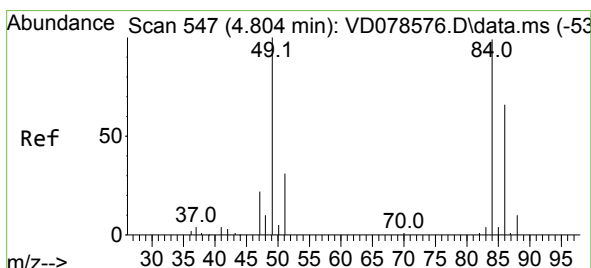
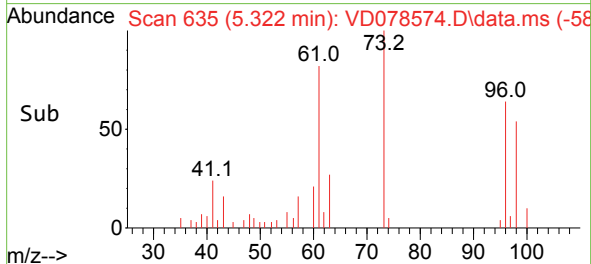
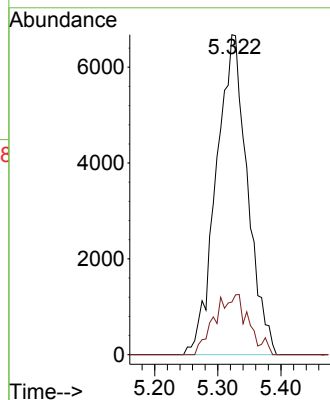
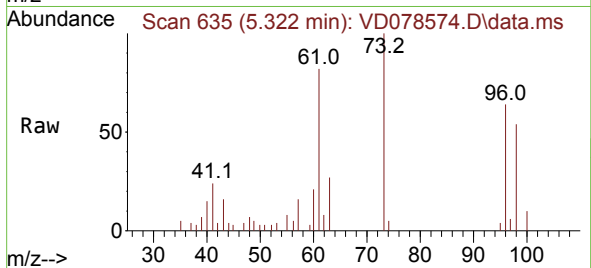
VSTDIC010

Tgt Ion: 73 Resp: 22939

Ion Ratio Lower Upper

73 100

57 16.4 16.6 25.0#



#20

Methylene Chloride

Concen: 7.473 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.001 min

Lab File: VD078574.D

Acq: 01 Mar 2024 12:43

Tgt Ion: 84 Resp: 25866

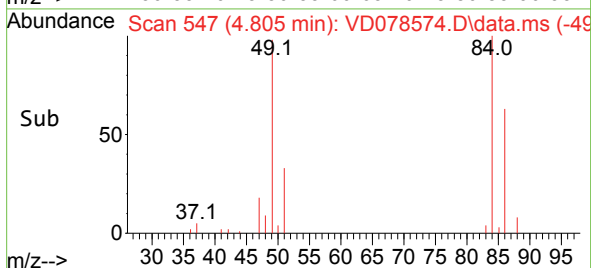
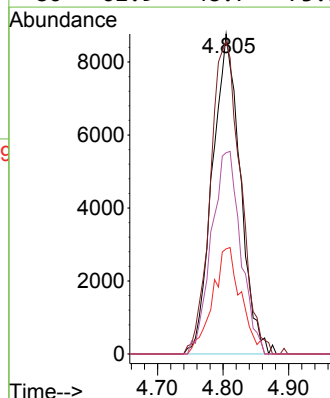
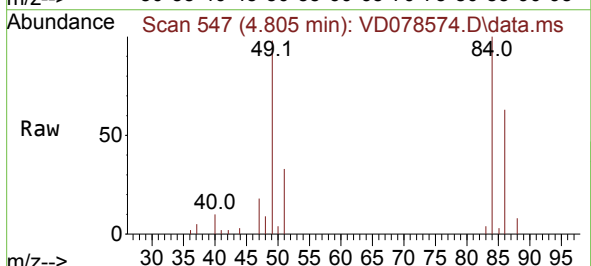
Ion Ratio Lower Upper

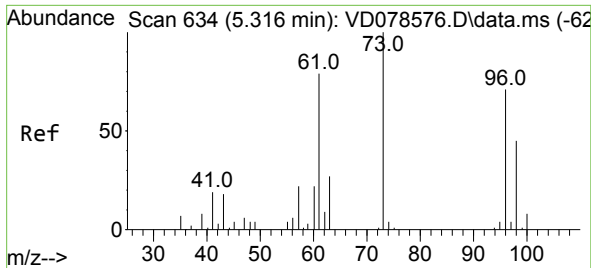
84 100

49 97.6 71.4 107.2

51 32.9 24.5 36.7

86 62.9 48.7 73.1

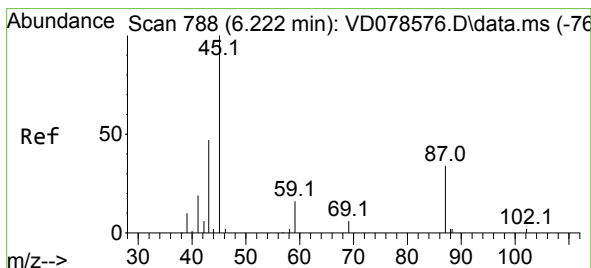
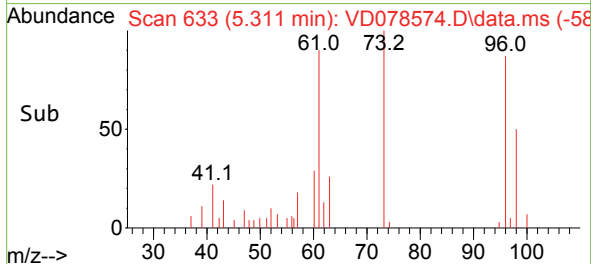
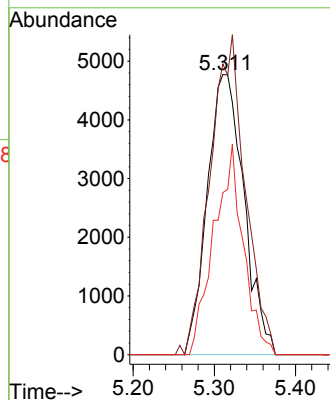
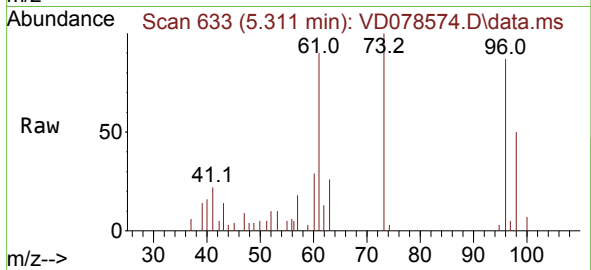




#21
trans-1,2-Dichloroethene
Concen: 10.605 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

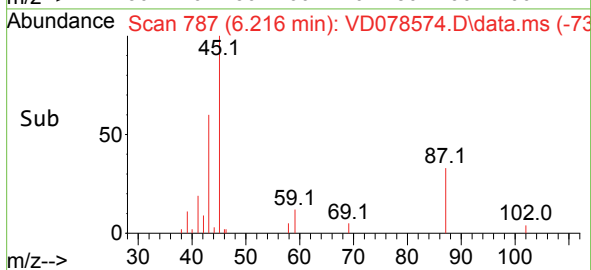
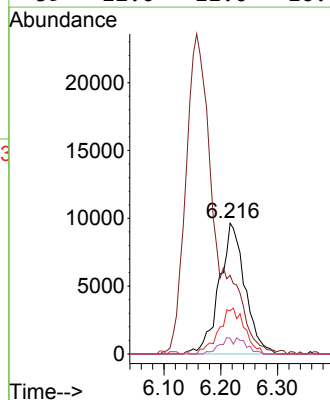
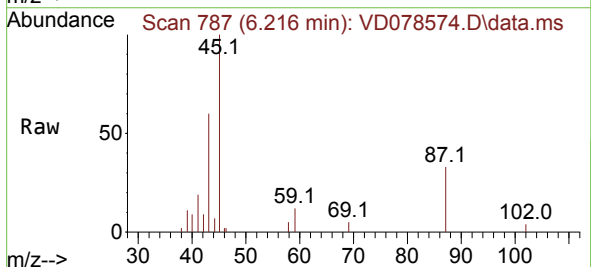
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

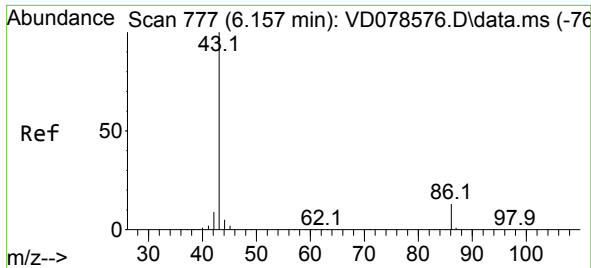
Tgt Ion: 96 Resp: 14972
Ion Ratio Lower Upper
96 100
61 103.8 89.3 133.9
98 57.9 48.6 73.0



#22
Diisopropyl ether
Concen: 10.090 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

Tgt Ion: 45 Resp: 30276
Ion Ratio Lower Upper
45 100
43 57.4 40.0 60.0
87 33.0 28.2 42.4
59 12.0 11.0 16.4

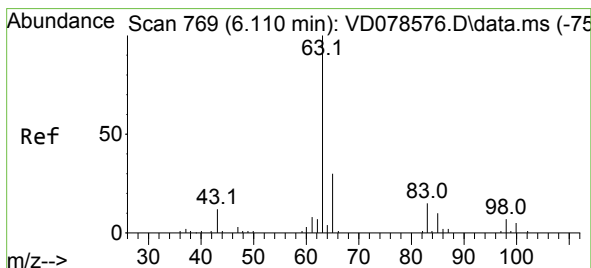
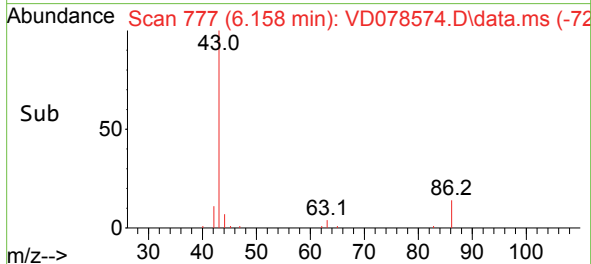
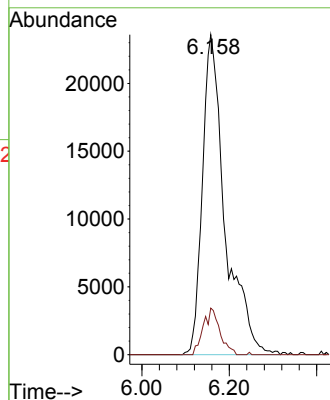
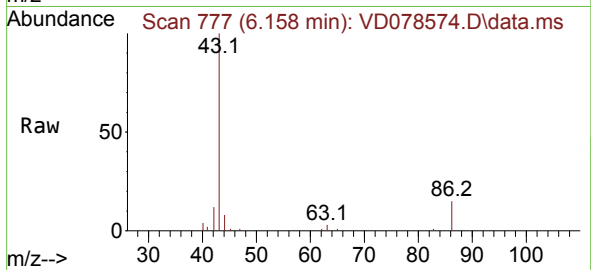




#23
 Vinyl Acetate
 Concen: 47.835 ug/l
 RT: 6.158 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VD078574.D
 Acq: 01 Mar 2024 12:43

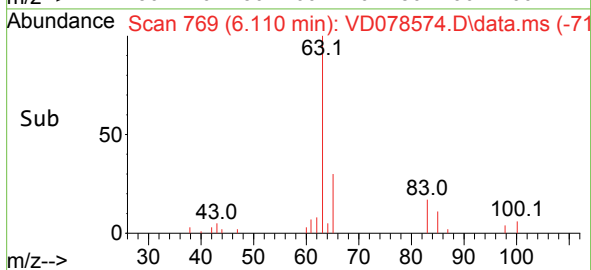
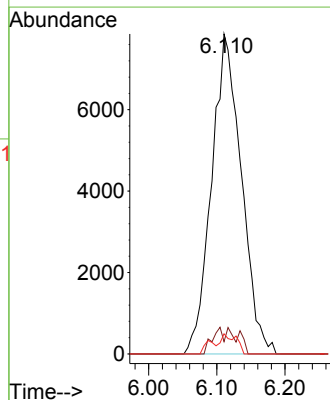
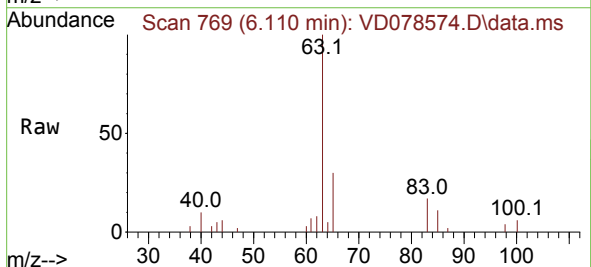
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

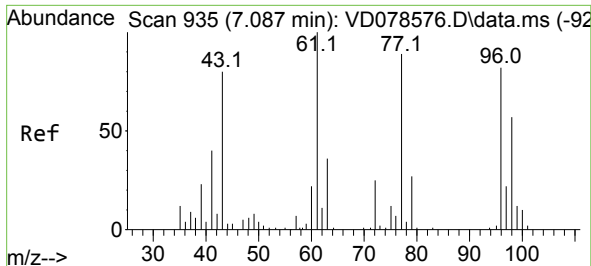
Tgt Ion: 43 Resp: 85246
 Ion Ratio Lower Upper
 43 100
 86 14.5 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 10.563 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD078574.D
 Acq: 01 Mar 2024 12:43

Tgt Ion: 63 Resp: 23945
 Ion Ratio Lower Upper
 63 100
 98 3.9 4.5 13.7#
 100 6.3 2.5 7.5

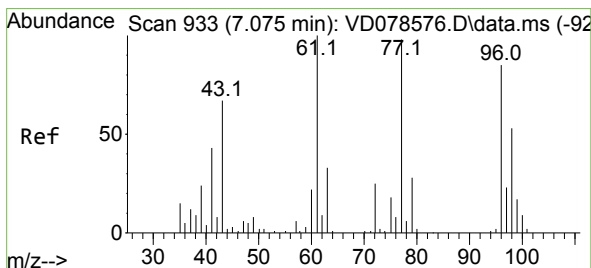
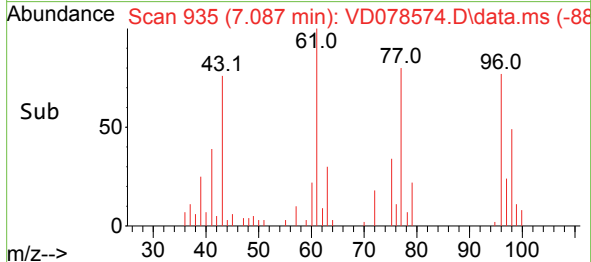
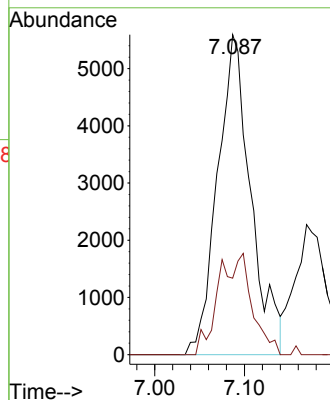
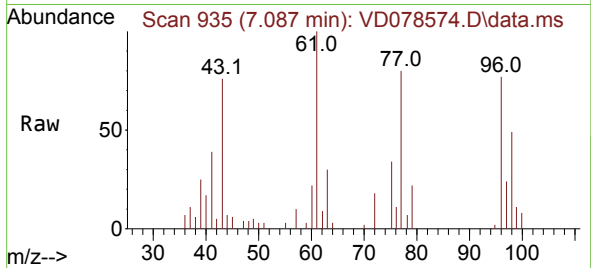




#25
2-Butanone
Concen: 50.108 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

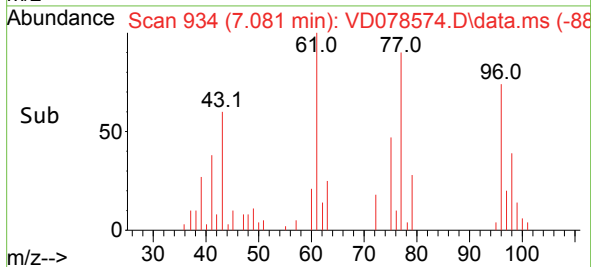
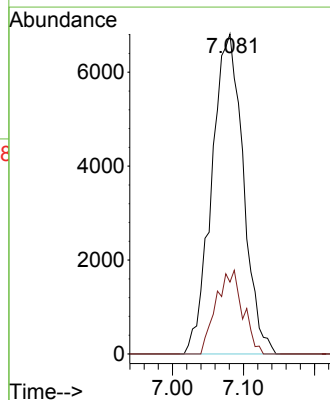
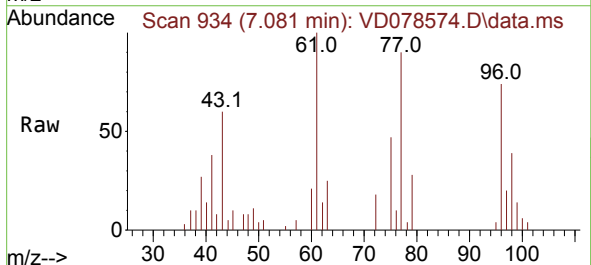
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

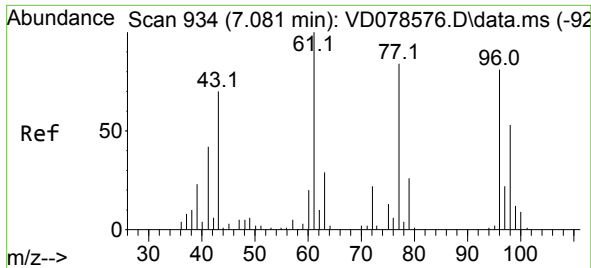
Tgt Ion: 43 Resp: 14423
Ion Ratio Lower Upper
43 100
72 23.9 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 10.968 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

Tgt Ion: 77 Resp: 21005
Ion Ratio Lower Upper
77 100
97 22.1 13.2 39.6

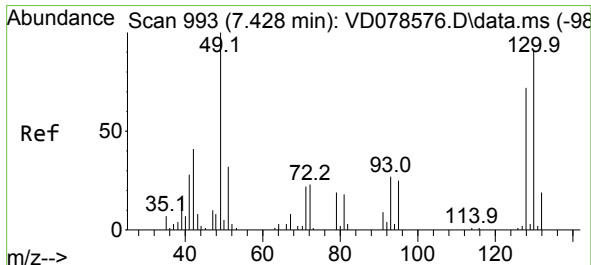
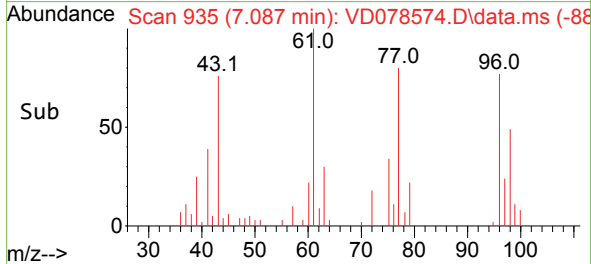
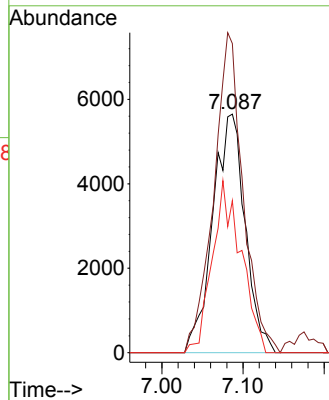
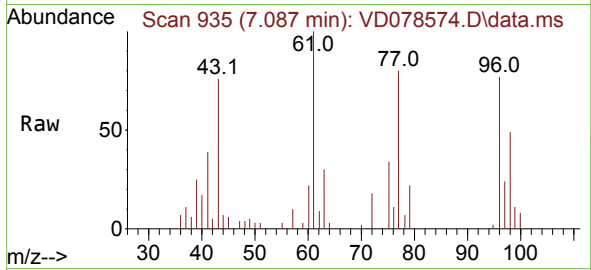




#27
cis-1,2-Dichloroethene
Concen: 10.108 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

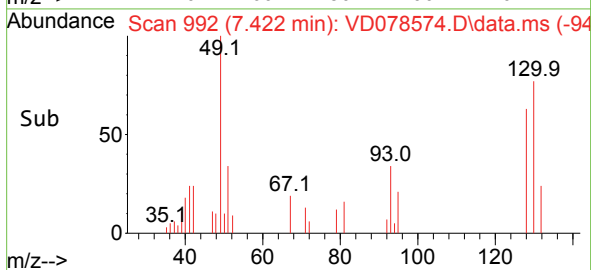
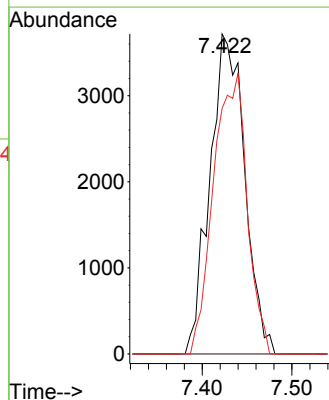
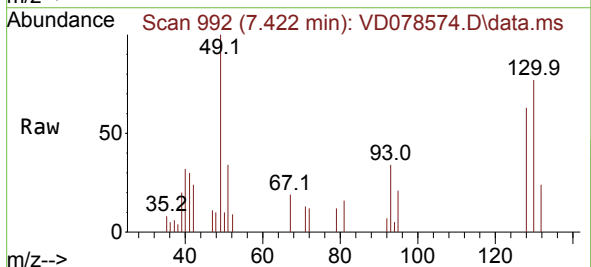
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

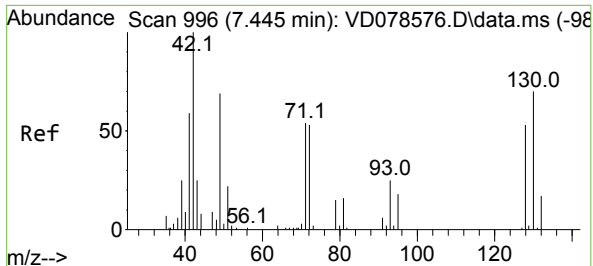
Tgt Ion: 96	Resp: 15626
Ion Ratio	Lower Upper
96 100	
61 122.1	0.0 239.2
98 64.4	0.0 128.6



#28
Bromochloromethane
Concen: 11.803 ug/l
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

Tgt Ion: 49	Resp: 9996
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 6.0
130 84.5	83.2 124.8





#29

Tetrahydrofuran

Concen: 46.944 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD078574.D

Acq: 01 Mar 2024 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

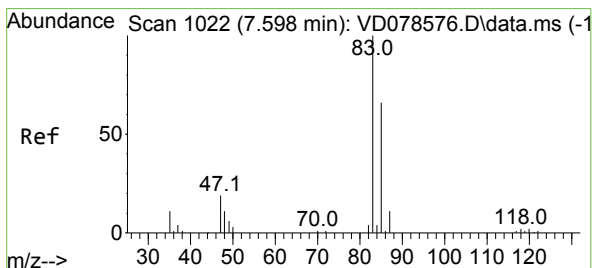
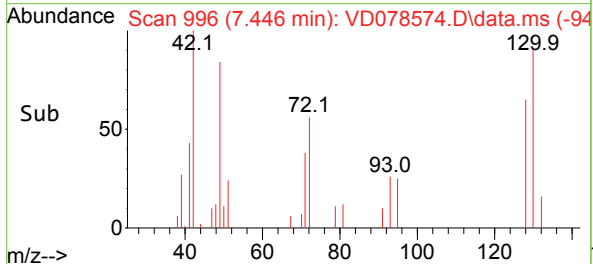
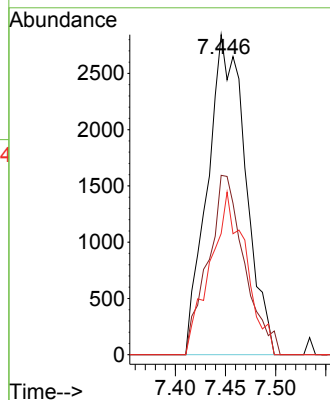
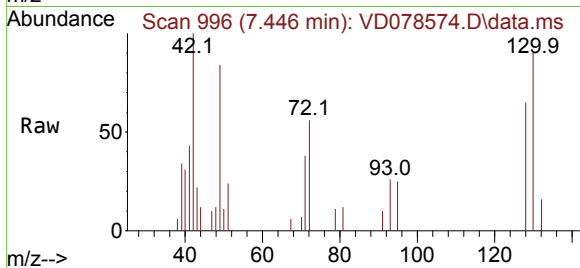
Tgt Ion: 42 Resp: 7507

Ion Ratio Lower Upper

42 100

72 53.6 46.5 69.7

71 47.9 44.5 66.7



#30

Chloroform

Concen: 10.547 ug/l

RT: 7.604 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VD078574.D

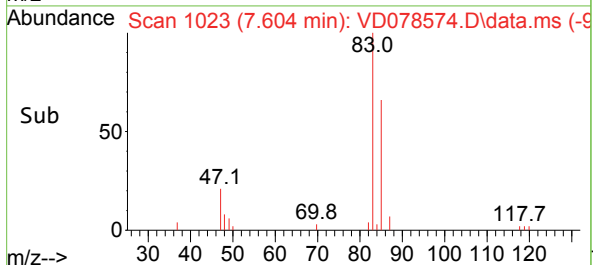
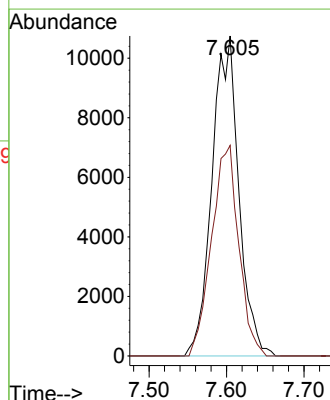
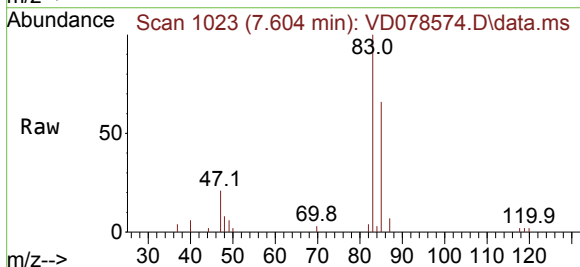
Acq: 01 Mar 2024 12:43

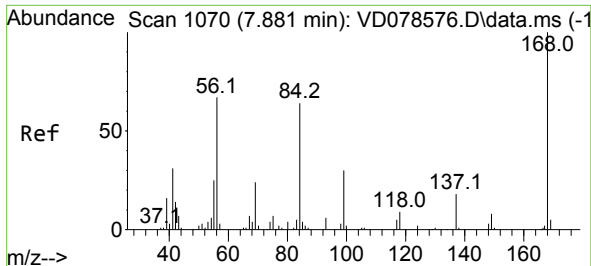
Tgt Ion: 83 Resp: 25814

Ion Ratio Lower Upper

83 100

85 65.8 53.4 80.2

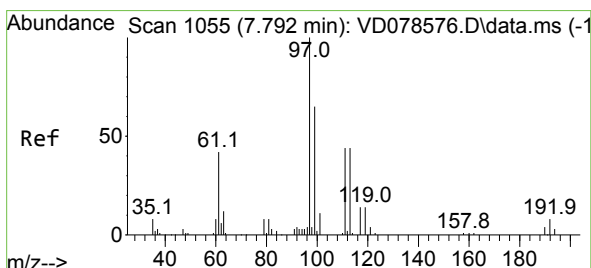
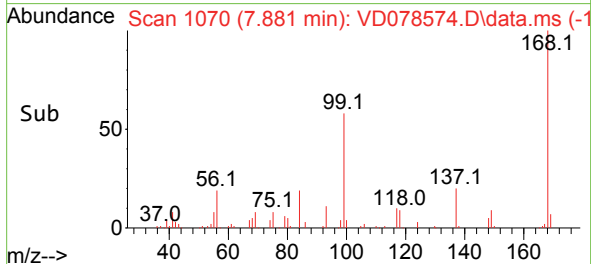
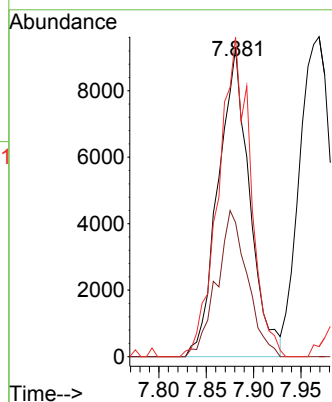
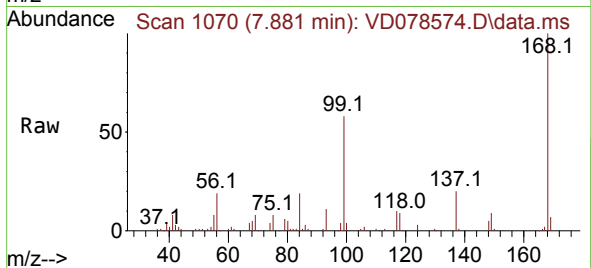




#31
Cyclohexane
Concen: 11.450 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

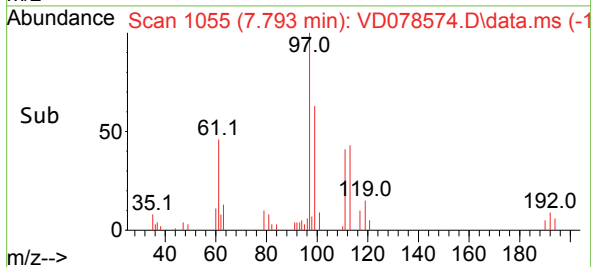
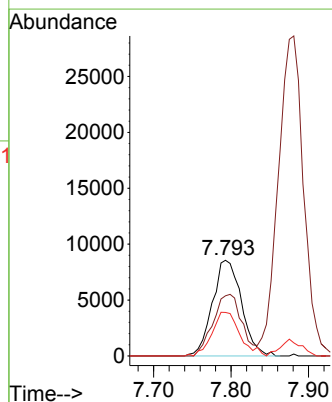
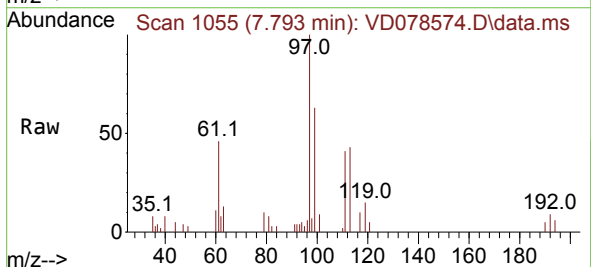
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

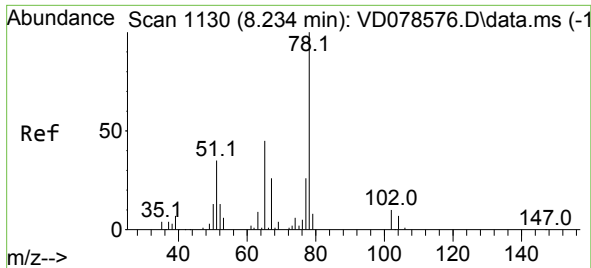
Tgt Ion: 56 Resp: 21345
Ion Ratio Lower Upper
56 100
69 43.4 28.6 43.0#
84 103.4 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 10.610 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

Tgt Ion: 97 Resp: 22278
Ion Ratio Lower Upper
97 100
99 64.2 52.0 78.0
61 43.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 11.862 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078574.D

Acq: 01 Mar 2024 12:43

Instrument :

MSVOA_D

ClientSampleId :

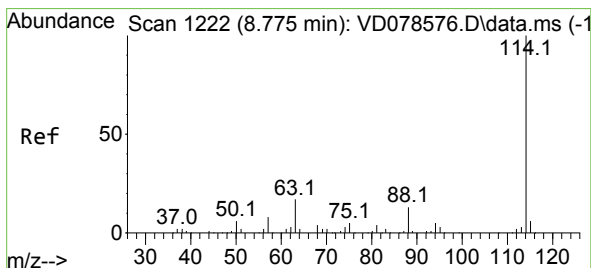
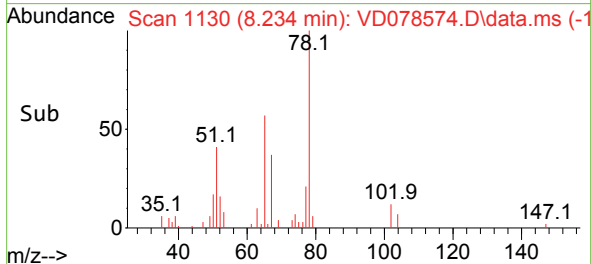
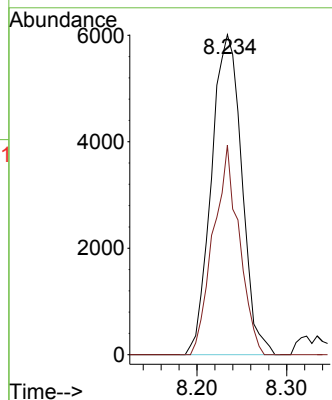
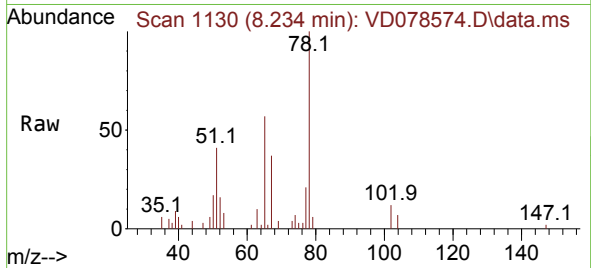
VSTDIC010

Tgt Ion: 65 Resp: 14129

Ion Ratio Lower Upper

65 100

67 55.9 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: VD078574.D

Acq: 01 Mar 2024 12:43

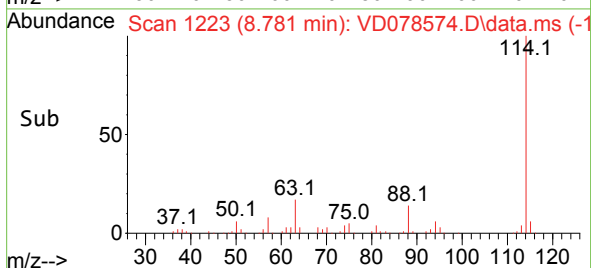
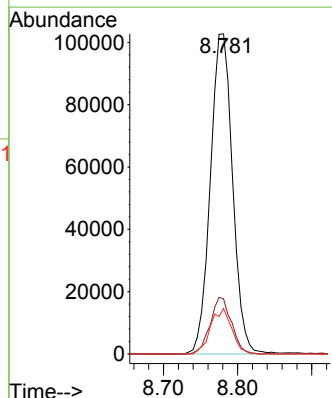
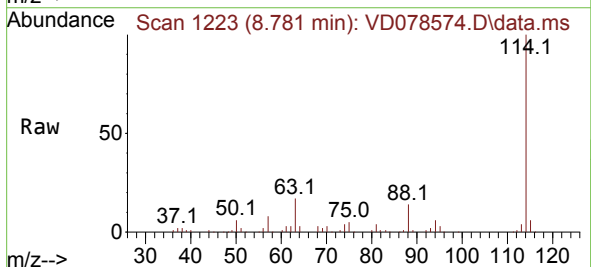
Tgt Ion: 114 Resp: 213923

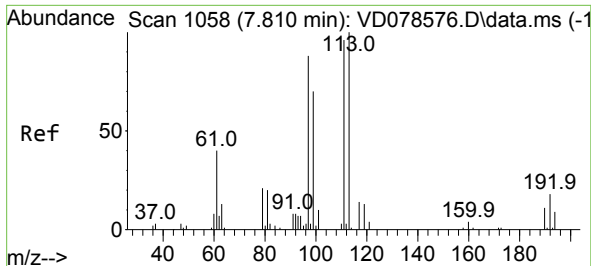
Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.4

88 14.2 0.0 26.2

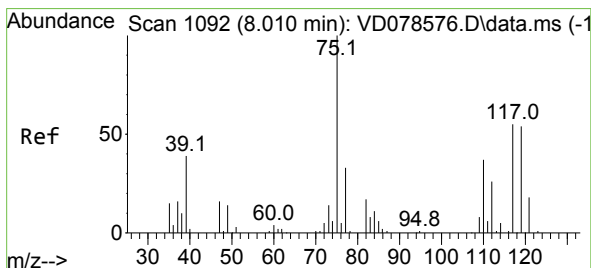
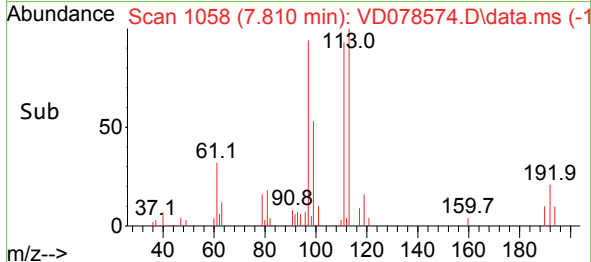
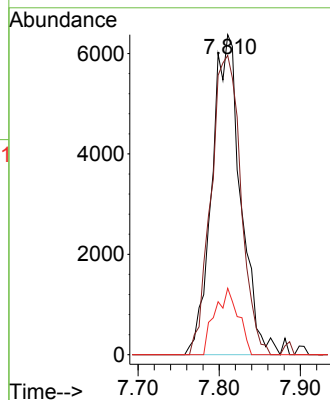
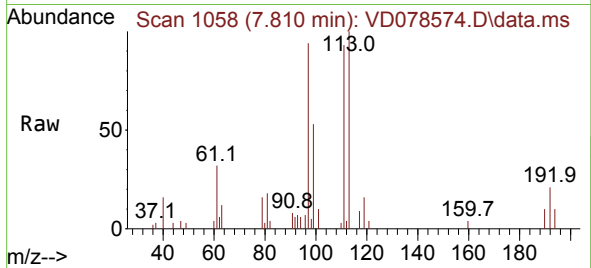




#35
Dibromofluoromethane
Concen: 11.339 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

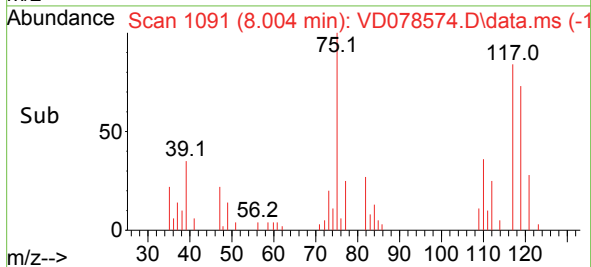
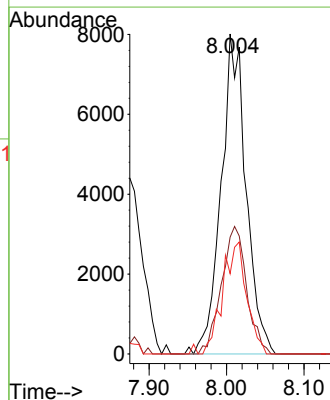
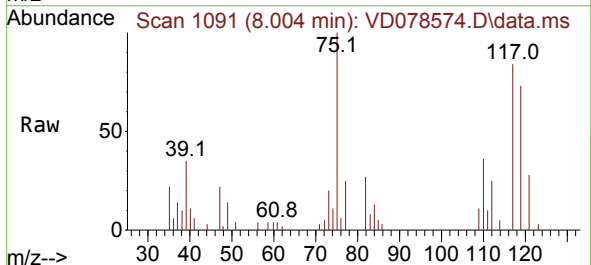
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

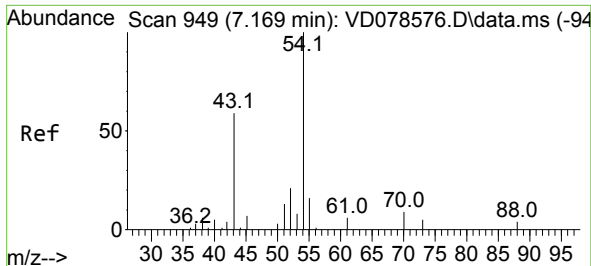
Tgt Ion:113 Resp: 15779
Ion Ratio Lower Upper
113 100
111 96.5 84.7 127.1
192 16.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 9.315 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

Tgt Ion: 75 Resp: 17938
Ion Ratio Lower Upper
75 100
110 40.4 19.9 59.6
77 33.9 24.7 37.1





#37

Ethyl Acetate

Concen: 9.778 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD078574.D

Acq: 01 Mar 2024 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

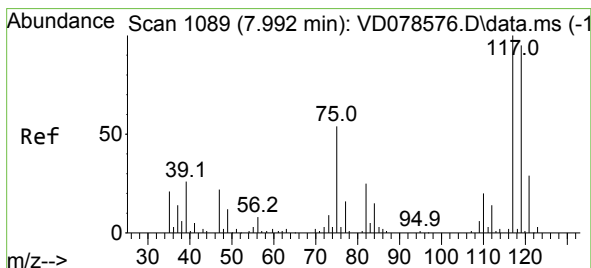
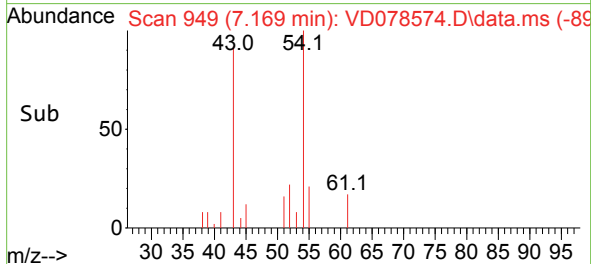
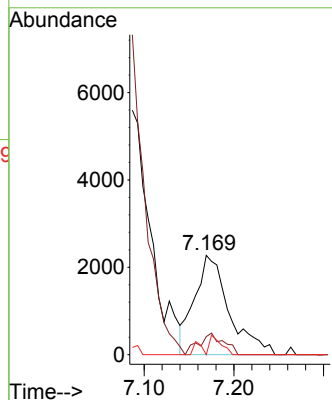
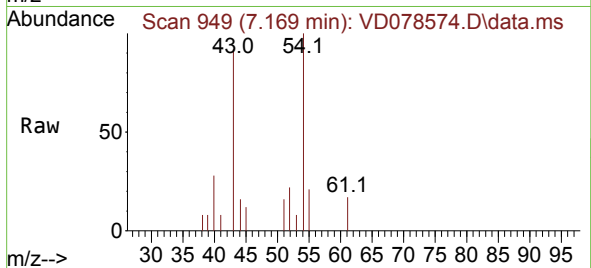
Tgt Ion: 43 Resp: 6101

Ion Ratio Lower Upper

43 100

61 15.5 14.9 22.3

70 6.6 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 9.697 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD078574.D

Acq: 01 Mar 2024 12:43

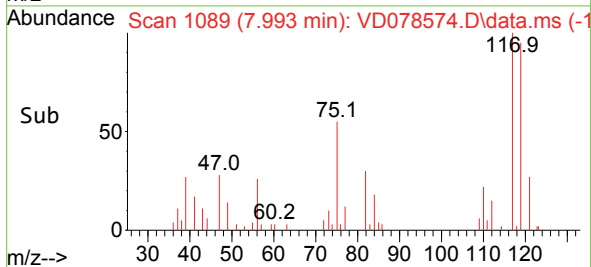
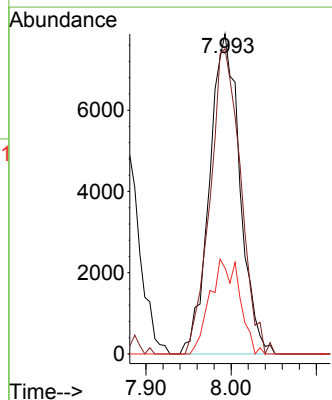
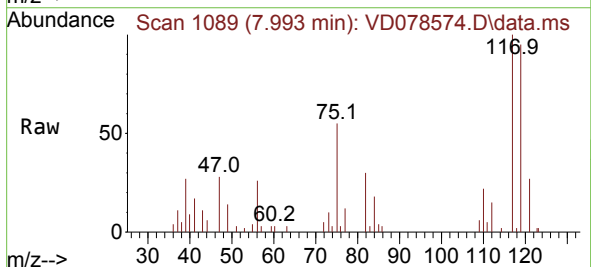
Tgt Ion: 117 Resp: 19531

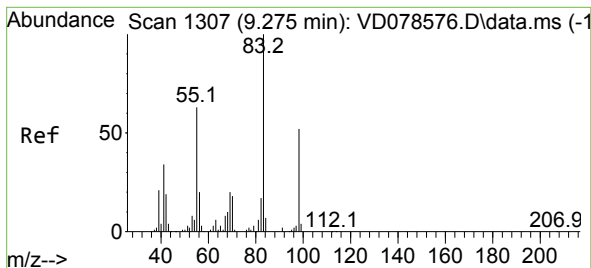
Ion Ratio Lower Upper

117 100

119 95.4 78.0 117.0

121 26.9 24.2 36.2

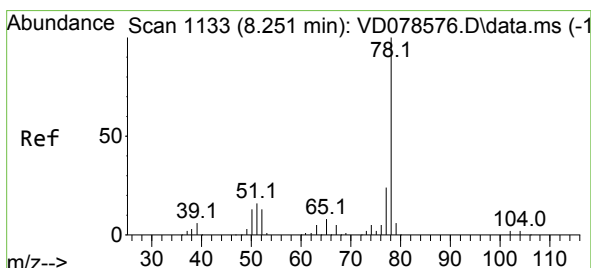
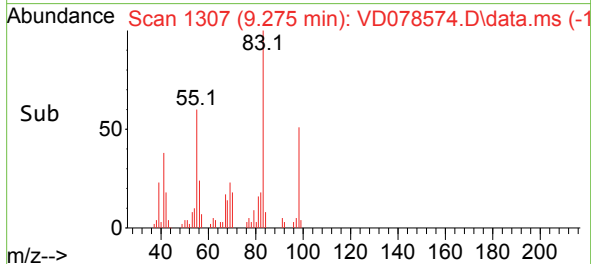
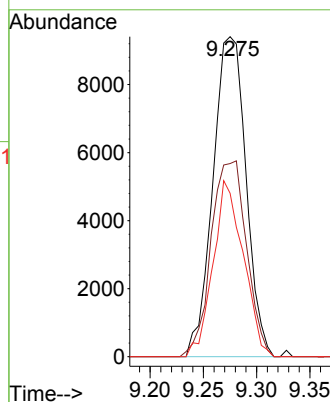
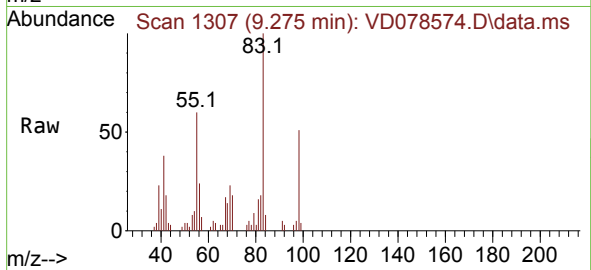




#39
Methylcyclohexane
Concen: 8.992 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

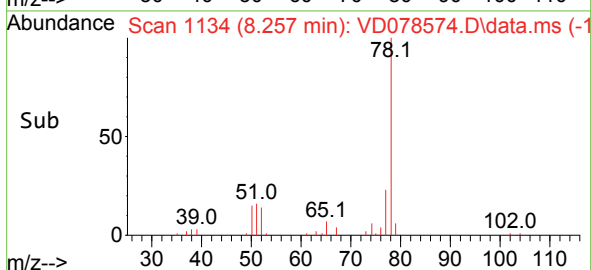
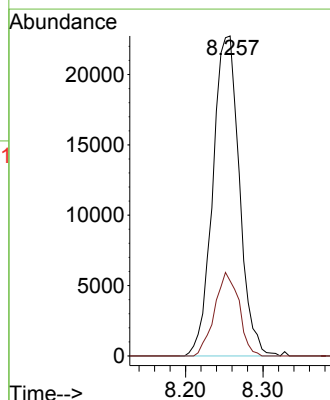
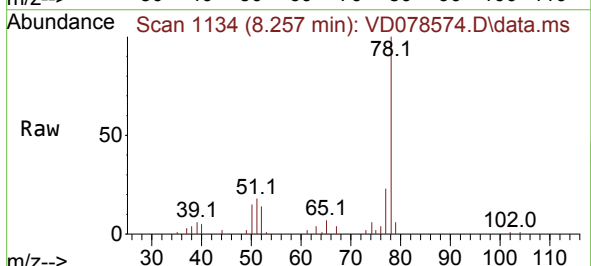
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

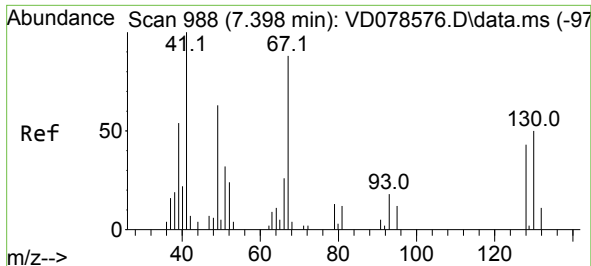
Tgt Ion: 83 Resp: 20323
Ion Ratio Lower Upper
83 100
55 60.4 49.4 74.0
98 51.0 38.4 57.6



#40
Benzene
Concen: 9.482 ug/l
RT: 8.257 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

Tgt Ion: 78 Resp: 54122
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0

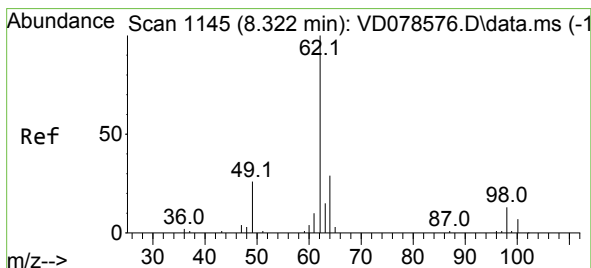
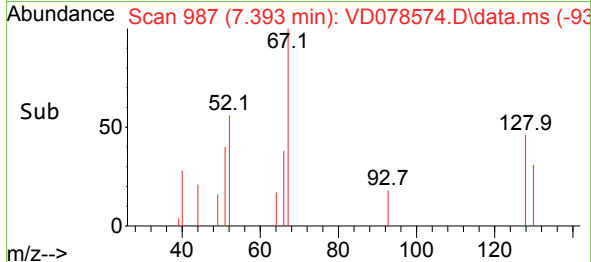
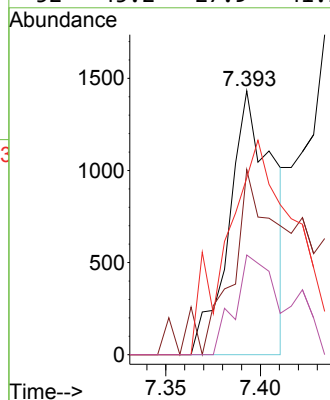
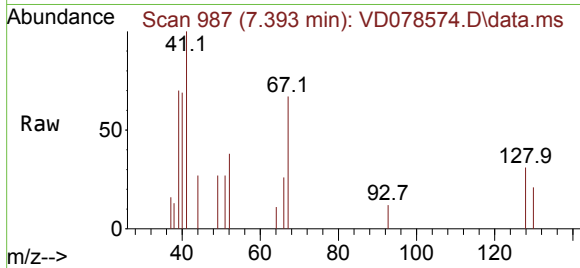




#41
Methacrylonitrile
Concen: 6.938 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

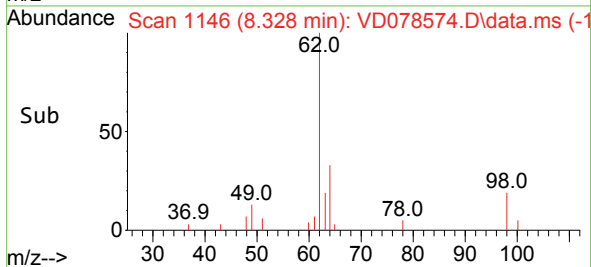
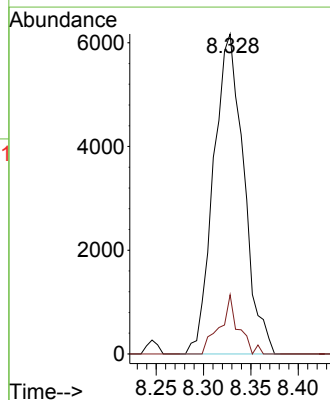
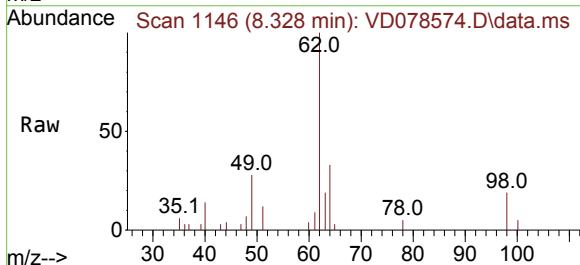
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

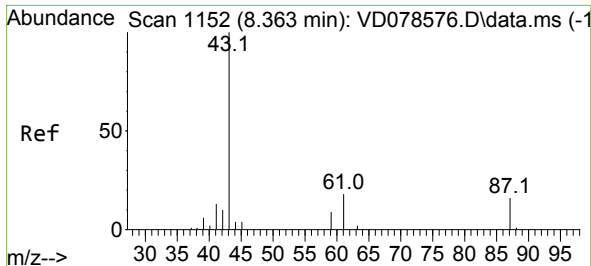
Tgt Ion: 41	Resp: 2320
Ion Ratio	Lower Upper
41 100	
39 97.5	34.0 51.0#
67 132.5	77.0 115.4#
52 45.2	27.9 41.9#



#42
1,2-Dichloroethane
Concen: 9.439 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

Tgt Ion: 62	Resp: 13668
Ion Ratio	Lower Upper
62 100	
98 11.4	0.0 25.4

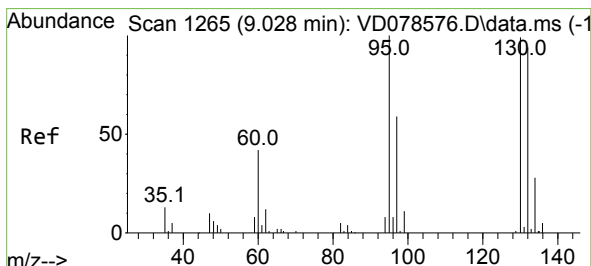
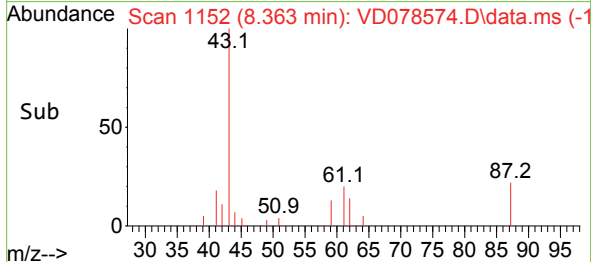
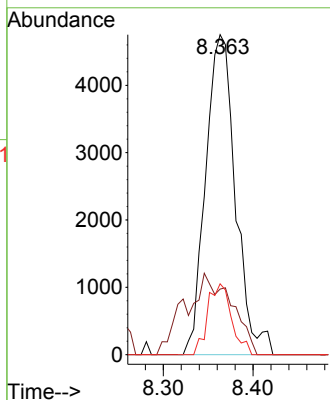
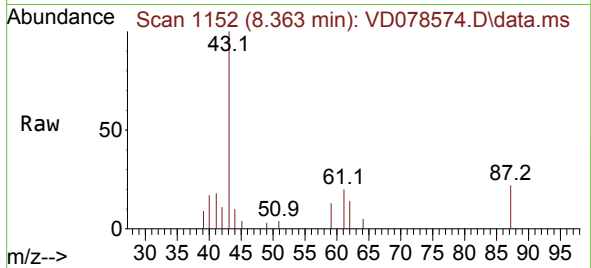




#43
Isopropyl Acetate
Concen: 9.172 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

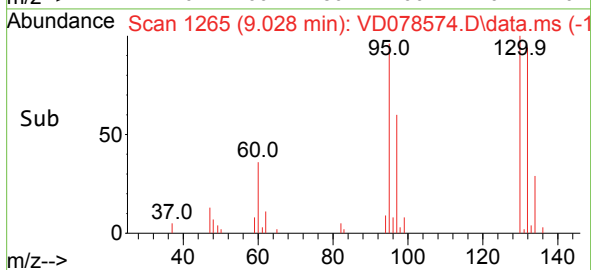
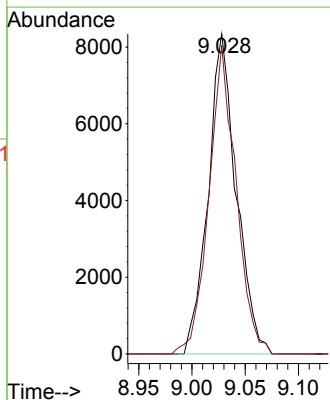
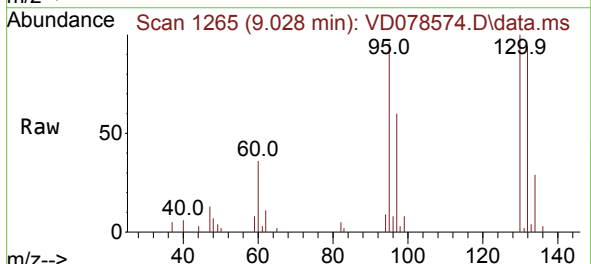
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

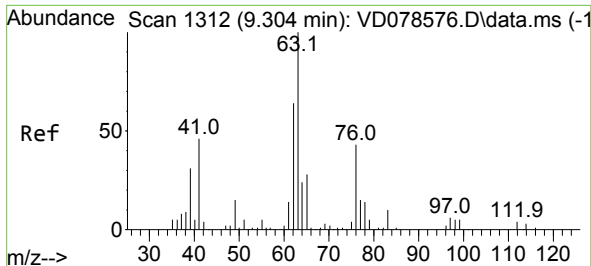
Tgt Ion: 43 Resp: 10971
Ion Ratio Lower Upper
43 100
61 29.7 31.4 47.0#
87 17.7 14.9 22.3



#44
Trichloroethene
Concen: 9.745 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

Tgt Ion:130 Resp: 15264
Ion Ratio Lower Upper
130 100
95 96.5 0.0 179.2





#45

1,2-Dichloropropane

Concen: 9.686 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078574.D

Acq: 01 Mar 2024 12:43

Instrument :

MSVOA_D

ClientSampleId :

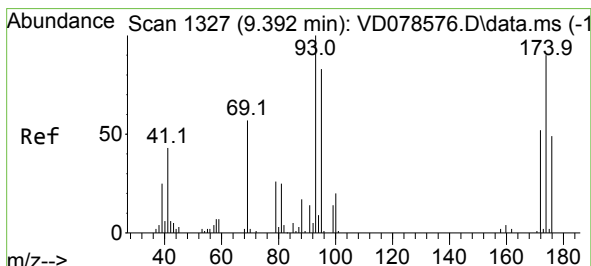
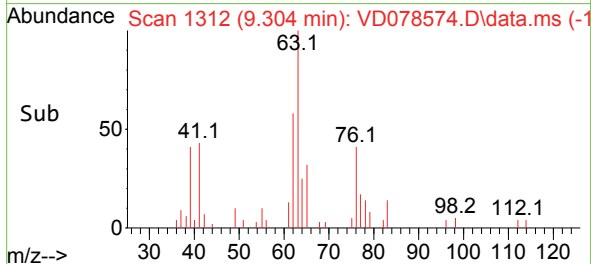
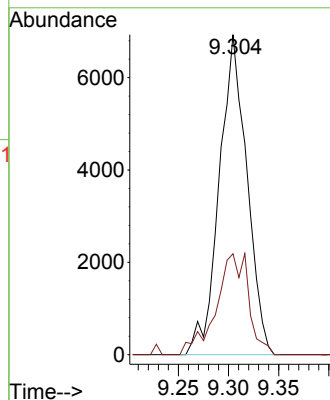
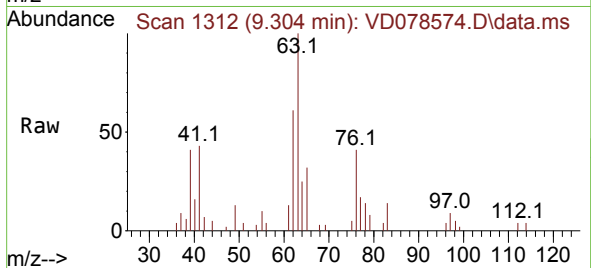
VSTDICC010

Tgt Ion: 63 Resp: 13280

Ion Ratio Lower Upper

63 100

65 31.5 24.5 36.7



#46

Dibromomethane

Concen: 9.719 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078574.D

Acq: 01 Mar 2024 12:43

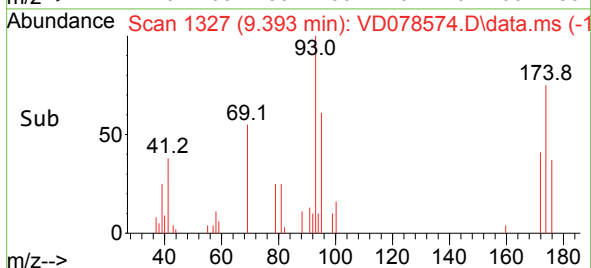
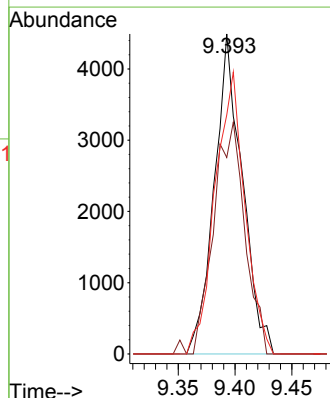
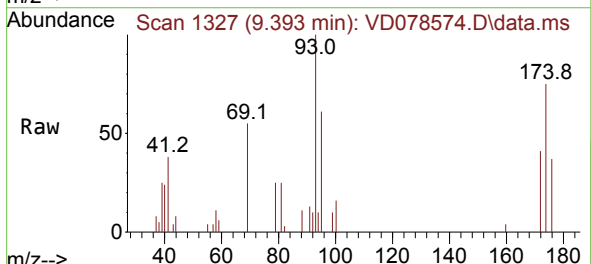
Tgt Ion: 93 Resp: 7682

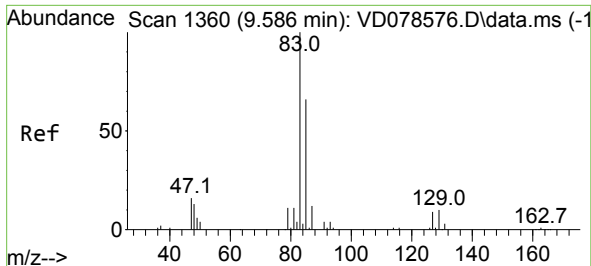
Ion Ratio Lower Upper

93 100

95 81.8 67.7 101.5

174 94.1 85.4 128.2





#47

Bromodichloromethane

Concen: 9.493 ug/l

RT: 9.581 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078574.D

Acq: 01 Mar 2024 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

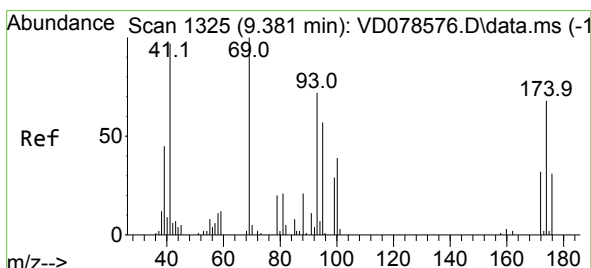
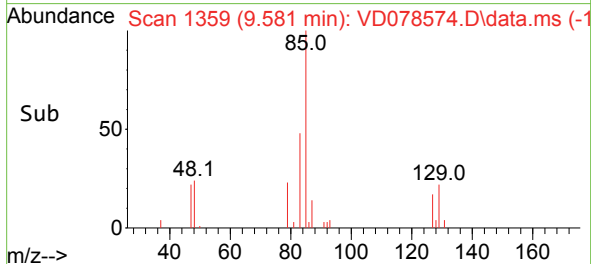
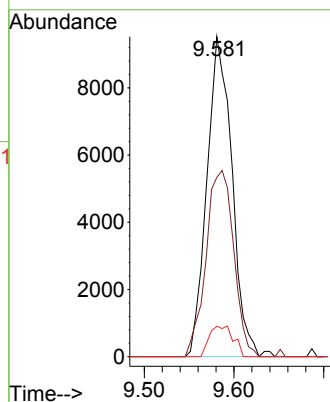
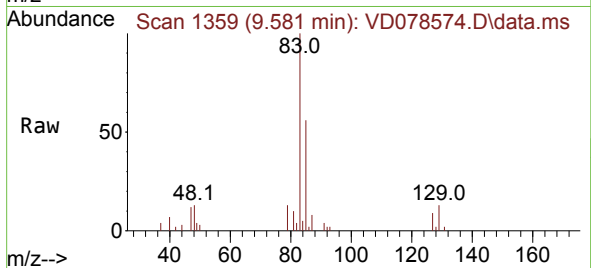
Tgt Ion: 83 Resp: 18502

Ion Ratio Lower Upper

83 100

85 56.0 50.2 75.4

127 9.5 6.3 9.5#



#48

Methyl methacrylate

Concen: 9.329 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. 0.006 min

Lab File: VD078574.D

Acq: 01 Mar 2024 12:43

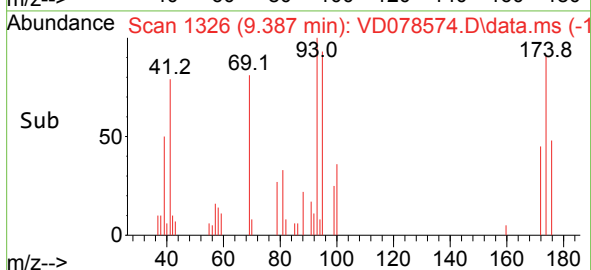
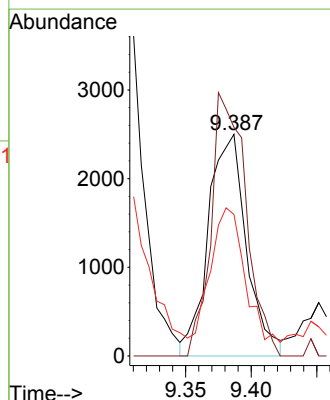
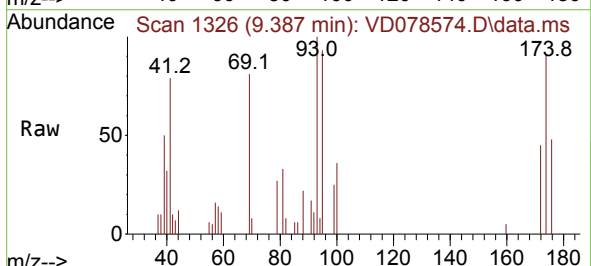
Tgt Ion: 41 Resp: 5055

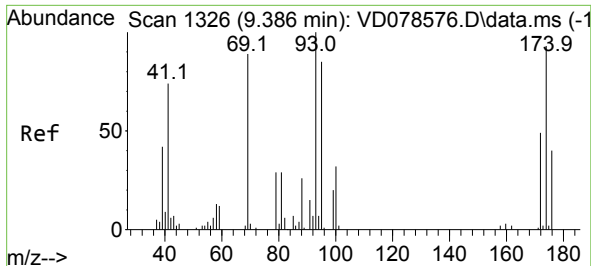
Ion Ratio Lower Upper

41 100

69 108.7 102.2 153.2

39 55.4 41.4 62.2

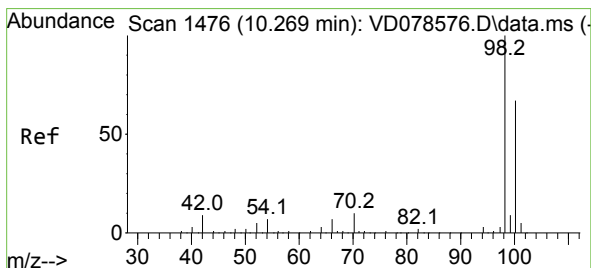
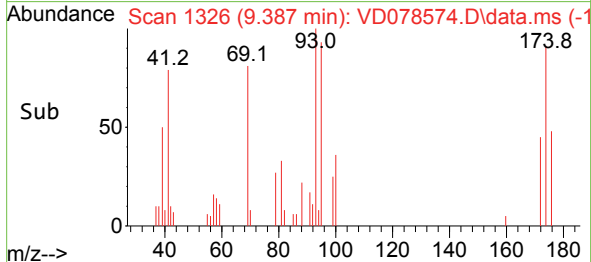
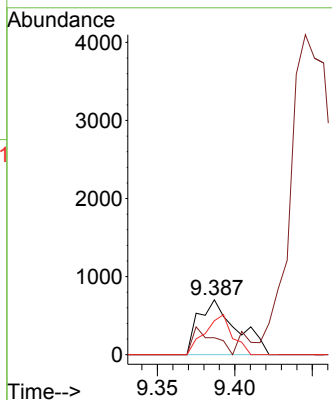
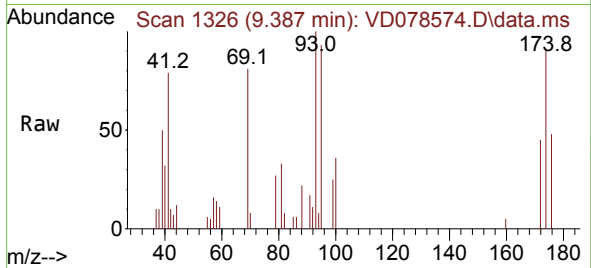




#49
1,4-Dioxane
Concen: 206.528 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

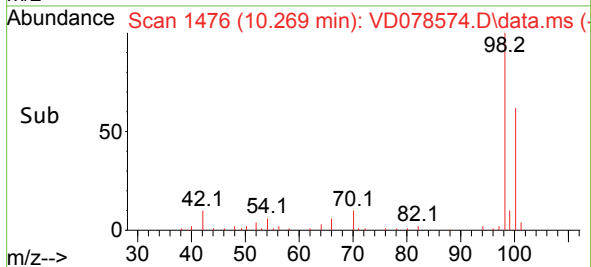
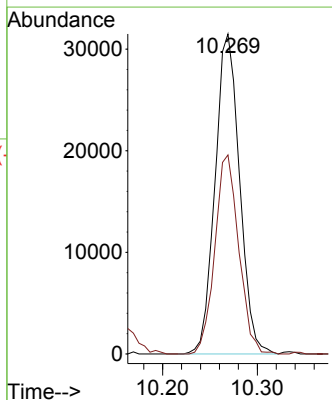
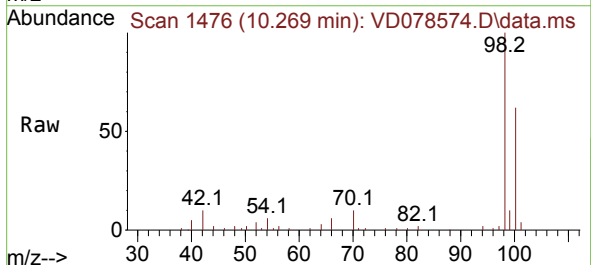
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

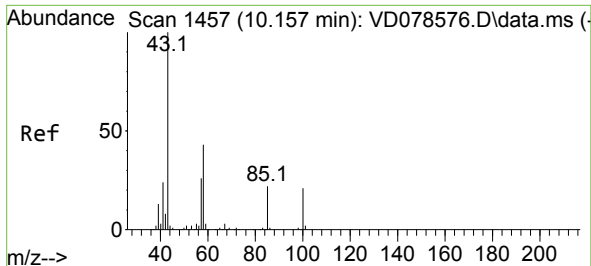
Tgt Ion: 88 Resp: 1201
Ion Ratio Lower Upper
88 100
43 28.5 19.0 28.6
58 52.5 43.5 65.3



#50
Toluene-d8
Concen: 10.478 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

Tgt Ion: 98 Resp: 56660
Ion Ratio Lower Upper
98 100
100 60.7 50.3 75.5

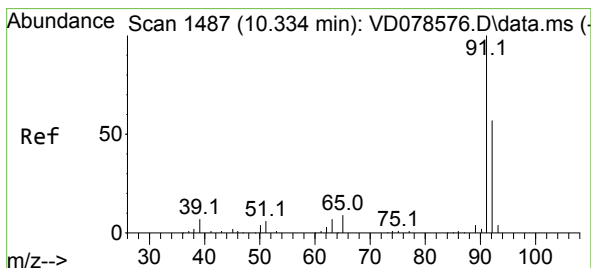
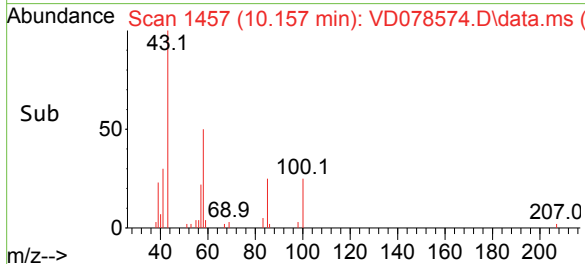
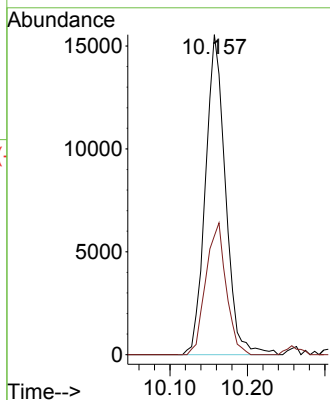
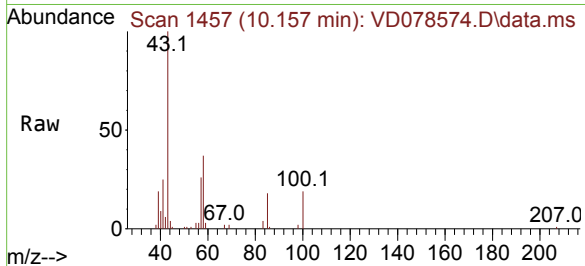




#51
4-Methyl-2-Pentanone
Concen: 45.287 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

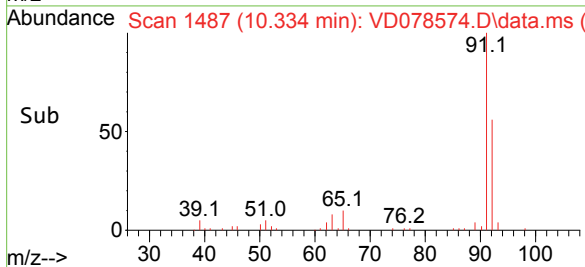
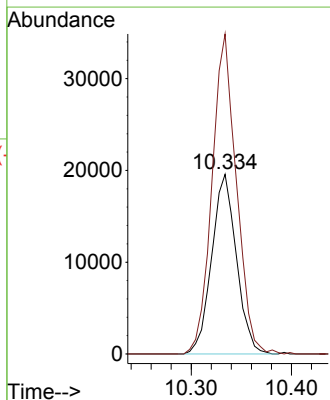
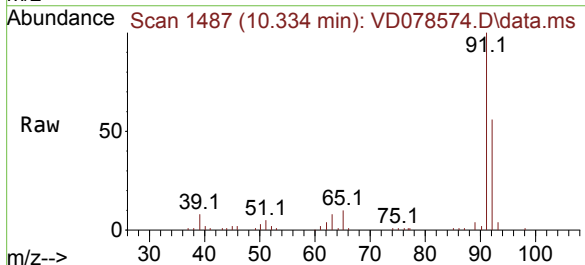
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

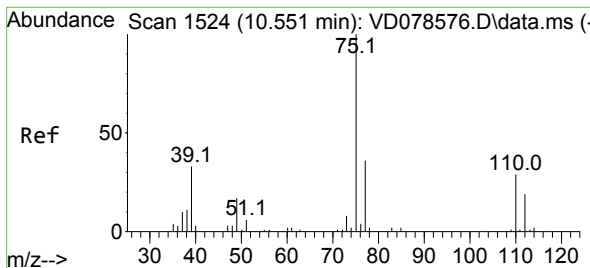
Tgt Ion: 43 Resp: 27961
Ion Ratio Lower Upper
43 100
58 41.7 38.9 58.3



#52
Toluene
Concen: 9.152 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

Tgt Ion: 92 Resp: 33519
Ion Ratio Lower Upper
92 100
91 176.0 143.0 214.4

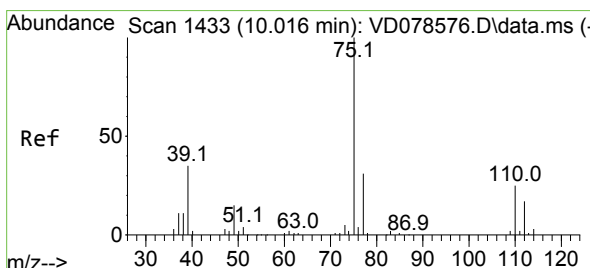
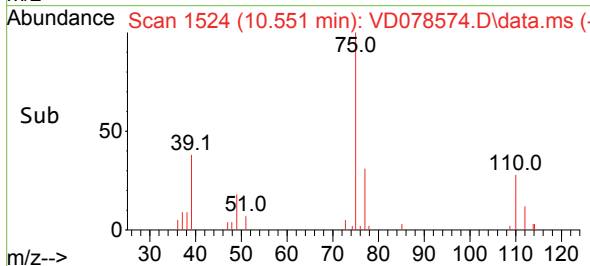
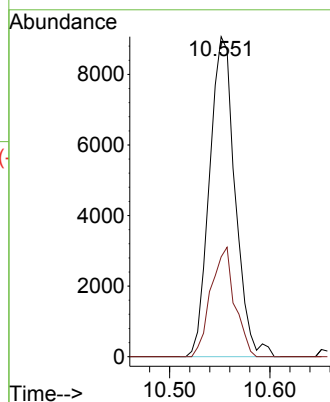
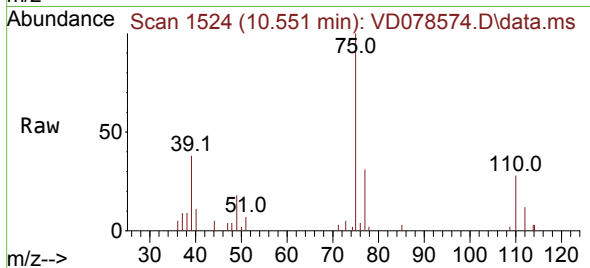




#53
 t-1,3-Dichloropropene
 Concen: 8.923 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD078574.D
 Acq: 01 Mar 2024 12:43

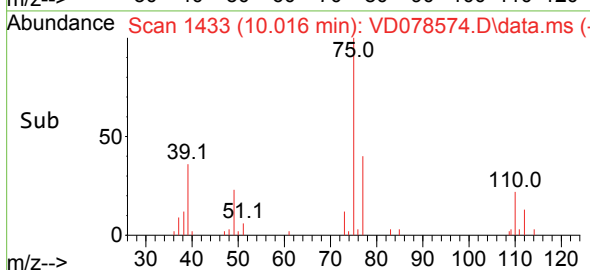
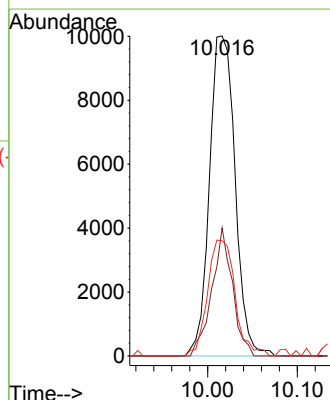
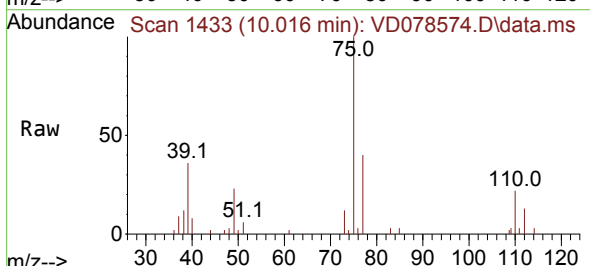
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

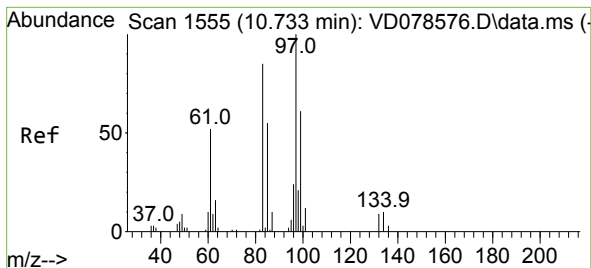
Tgt Ion: 75 Resp: 16088
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 9.211 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078574.D
 Acq: 01 Mar 2024 12:43

Tgt Ion: 75 Resp: 19885
 Ion Ratio Lower Upper
 75 100
 77 40.0 25.5 38.3#
 39 36.0 22.1 33.1#

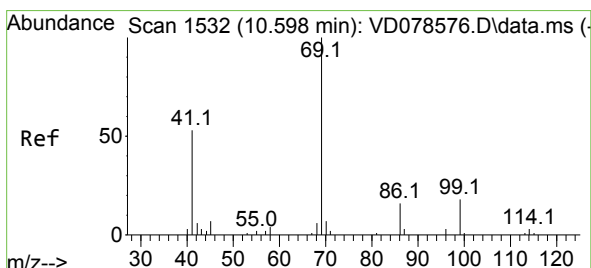
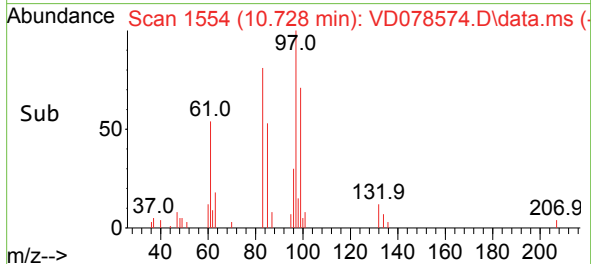
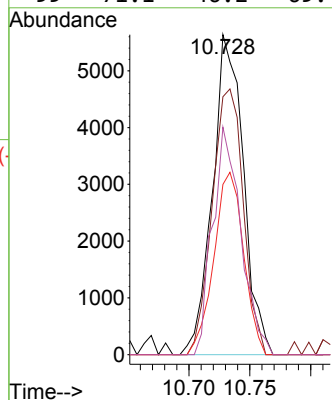
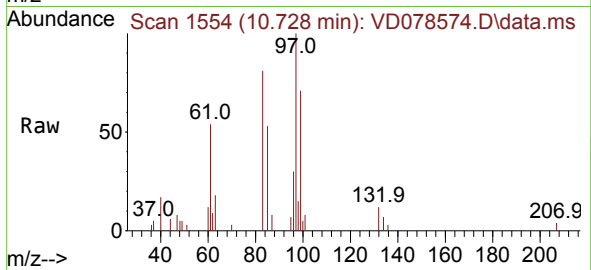




#55
1,1,2-Trichloroethane
Concen: 8.933 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

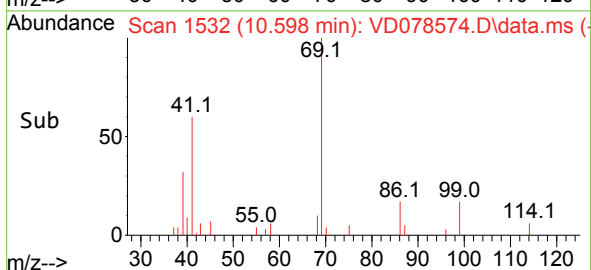
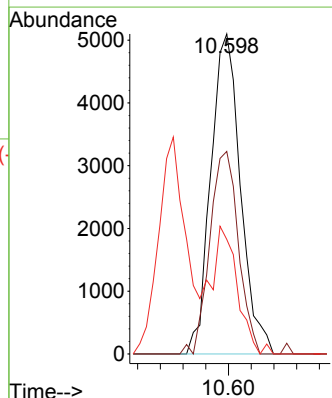
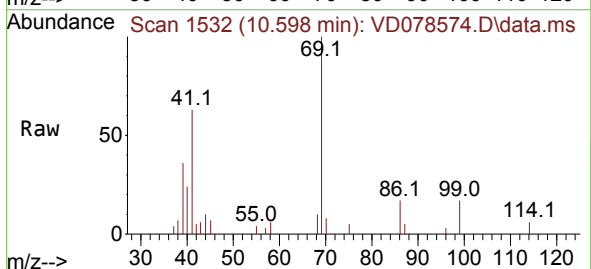
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

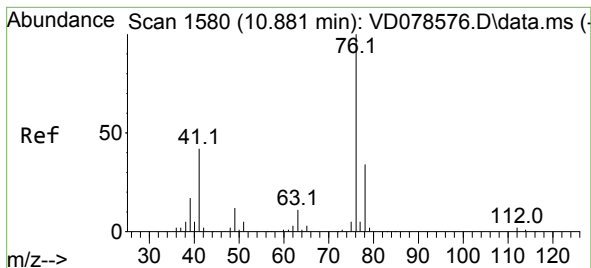
Tgt Ion:	97	Resp:	9942
Ion	Ratio	Lower	Upper
97	100		
83	80.6	65.8	98.6
85	53.2	45.7	68.5
99	71.1	46.2	69.4#



#56
Ethyl methacrylate
Concen: 8.291 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

Tgt Ion:	69	Resp:	9249
Ion	Ratio	Lower	Upper
69	100		
41	60.9	39.1	58.7#
39	35.2	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 9.745 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078574.D

Acq: 01 Mar 2024 12:43

Instrument :

MSVOA_D

ClientSampleId :

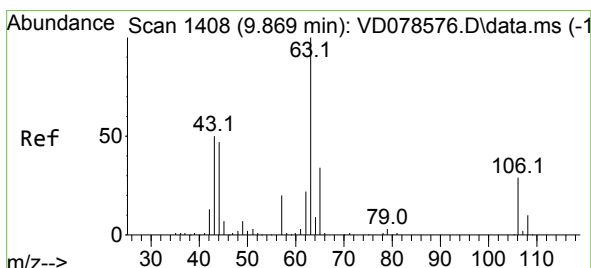
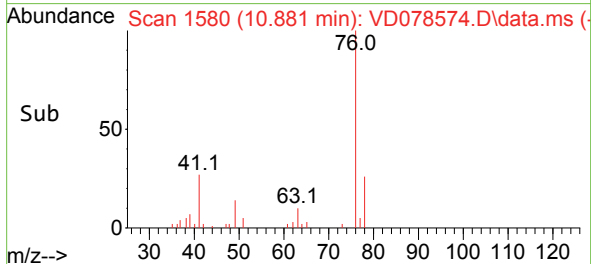
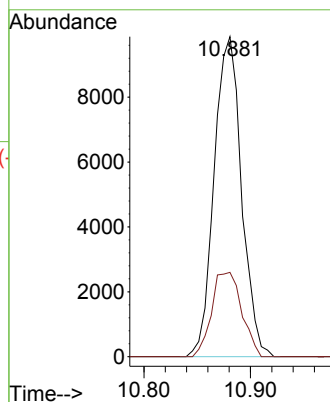
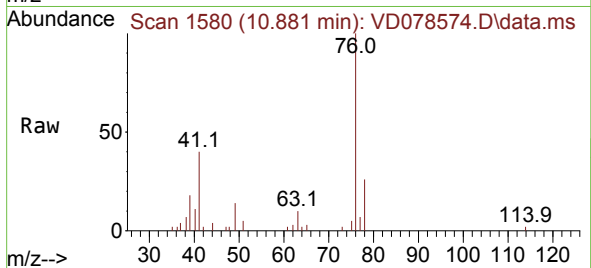
VSTDICC010

Tgt Ion: 76 Resp: 17576

Ion Ratio Lower Upper

76 100

78 28.9 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 45.113 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078574.D

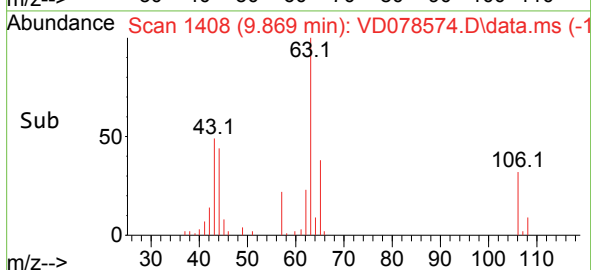
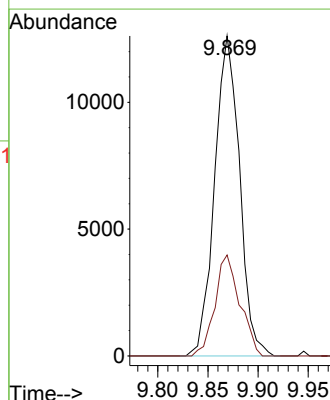
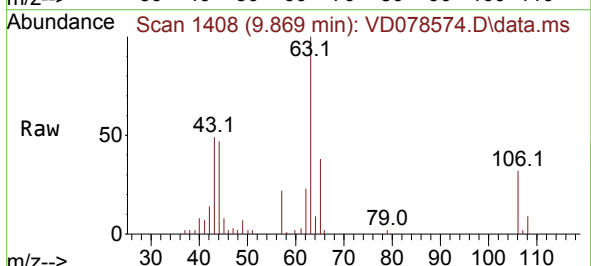
Acq: 01 Mar 2024 12:43

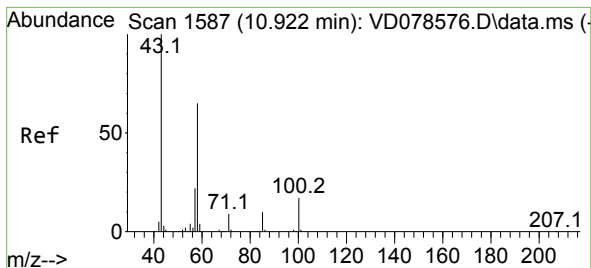
Tgt Ion: 63 Resp: 21825

Ion Ratio Lower Upper

63 100

106 31.5 25.3 37.9

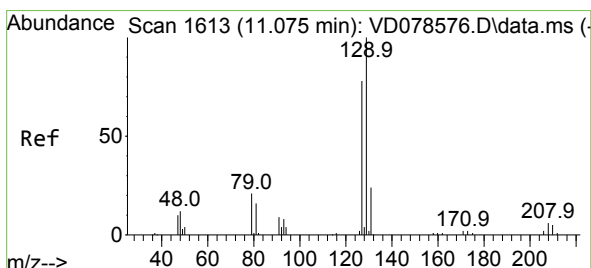
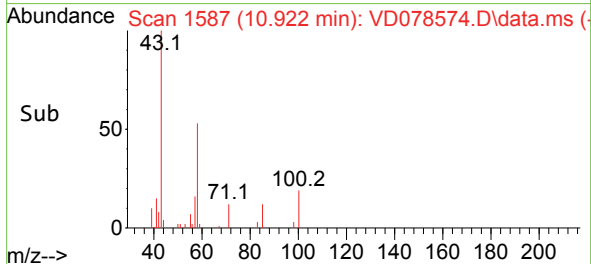
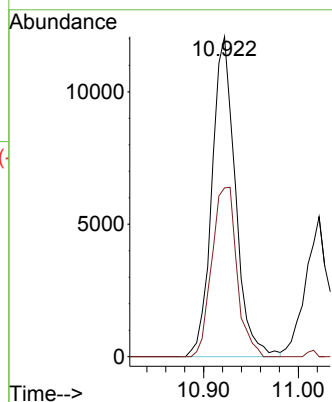
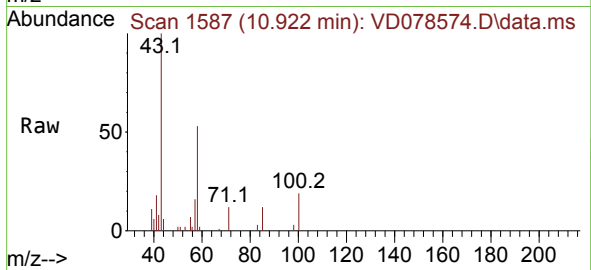




#59
2-Hexanone
Concen: 45.320 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

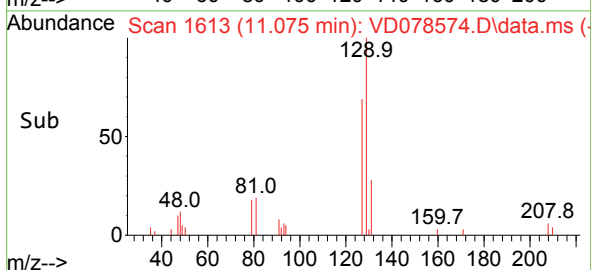
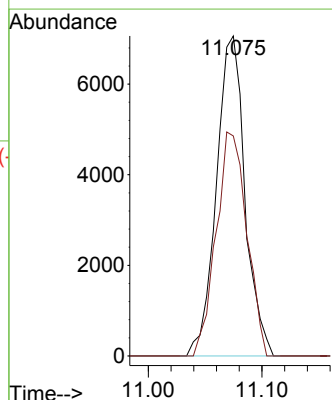
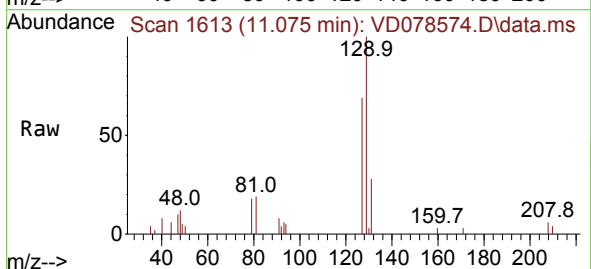
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

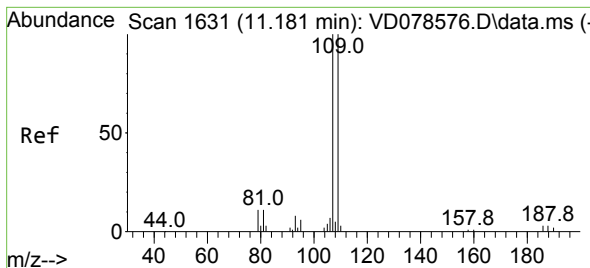
Tgt Ion: 43 Resp: 20754
Ion Ratio Lower Upper
43 100
58 56.6 34.1 102.2



#60
Dibromochloromethane
Concen: 9.180 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

Tgt Ion: 129 Resp: 12337
Ion Ratio Lower Upper
129 100
127 74.9 37.1 111.5





#61

1,2-Dibromoethane

Concen: 9.438 ug/l

RT: 11.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078574.D

Acq: 01 Mar 2024 12:43

Instrument :

MSVOA_D

ClientSampleId :

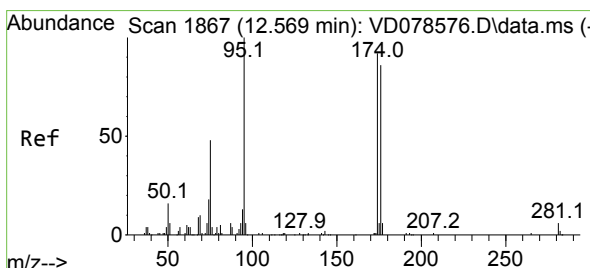
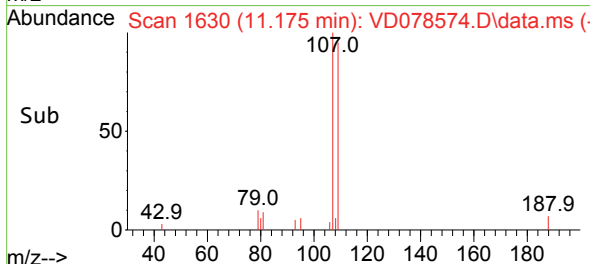
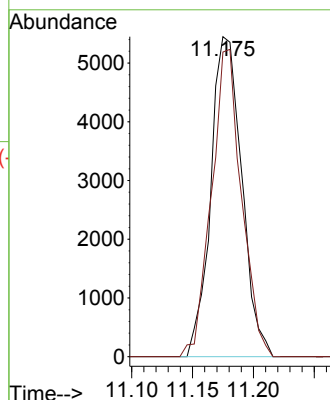
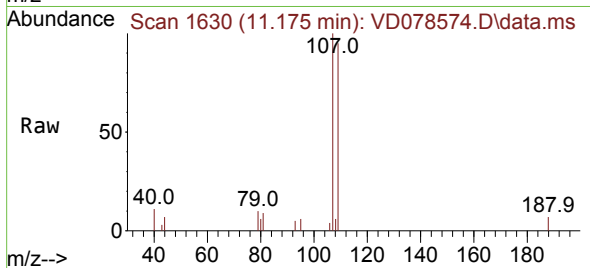
VSTDIC010

Tgt Ion:107 Resp: 9640

Ion Ratio Lower Upper

107 100

109 93.4 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 9.689 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD078574.D

Acq: 01 Mar 2024 12:43

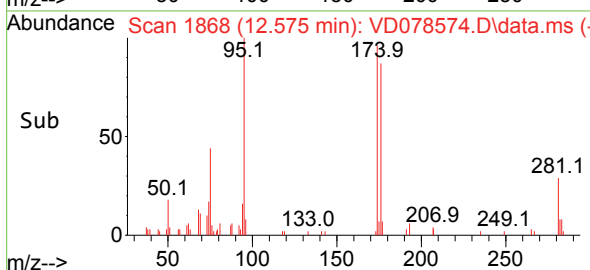
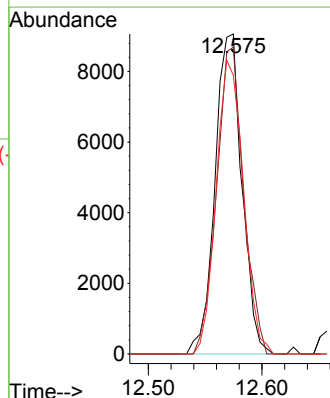
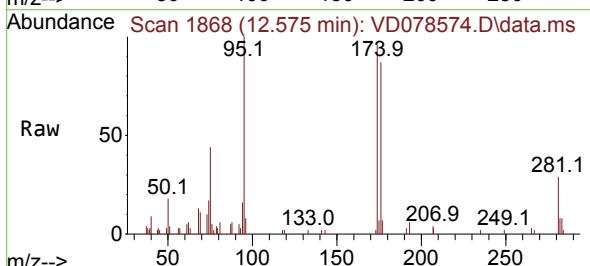
Tgt Ion: 95 Resp: 14964

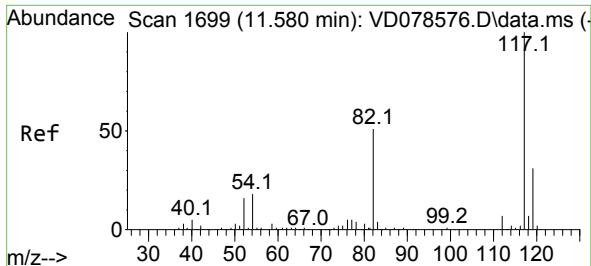
Ion Ratio Lower Upper

95 100

174 95.5 0.0 201.8

176 92.7 0.0 191.8

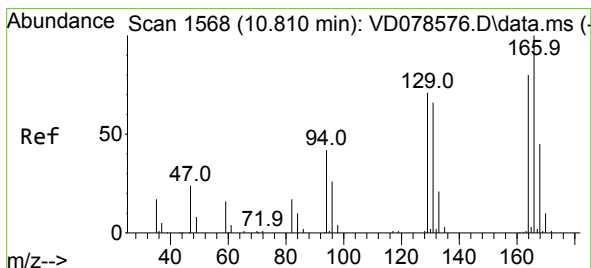
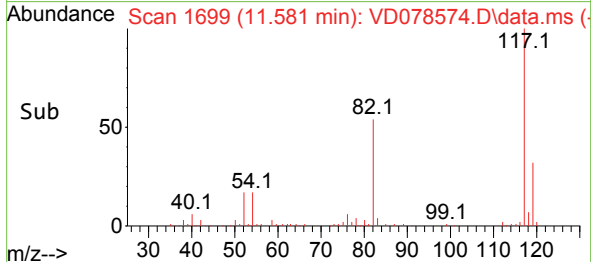
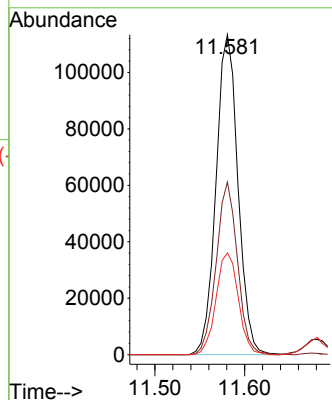
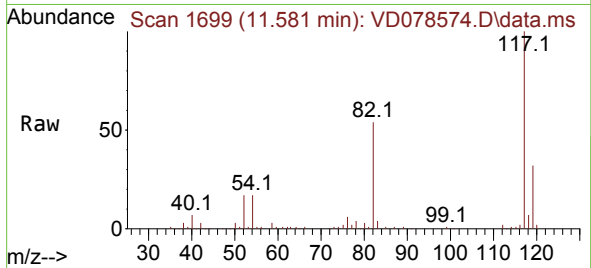




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

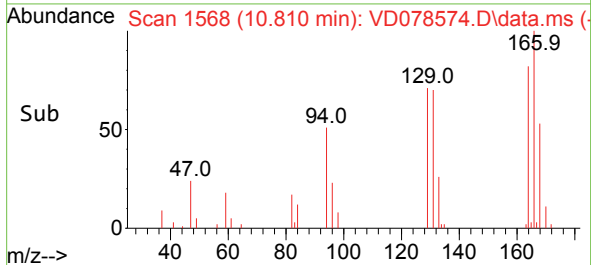
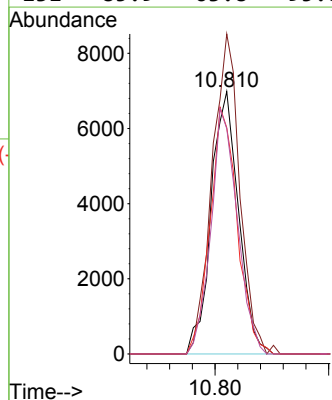
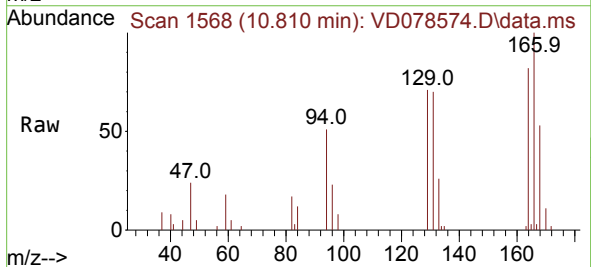
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

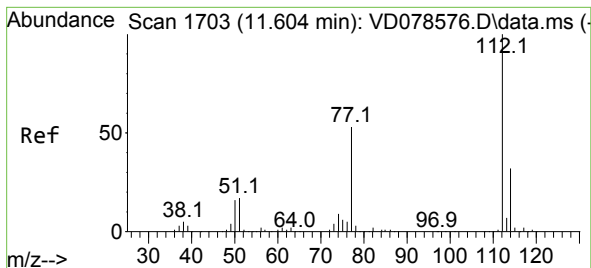
Tgt Ion:117 Resp: 192653
Ion Ratio Lower Upper
117 100
82 53.9 38.3 57.5
119 31.8 25.0 37.4



#64
Tetrachloroethene
Concen: 9.705 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

Tgt Ion:164 Resp: 11764
Ion Ratio Lower Upper
164 100
166 122.0 99.2 148.8
129 86.2 68.4 102.6
131 85.9 63.8 95.8

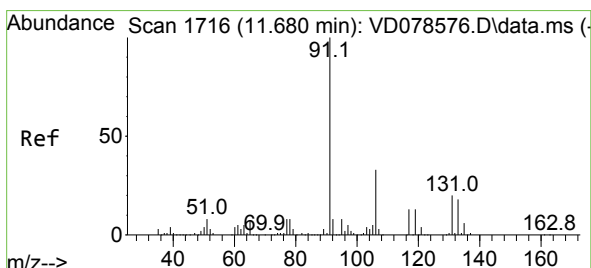
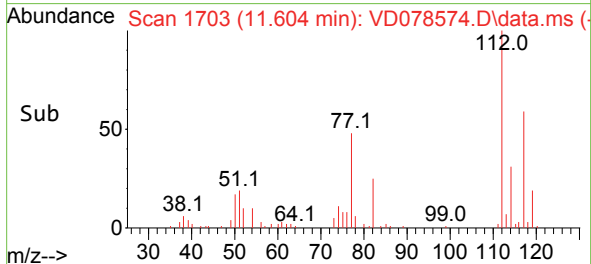
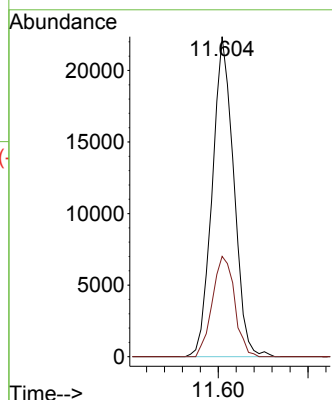
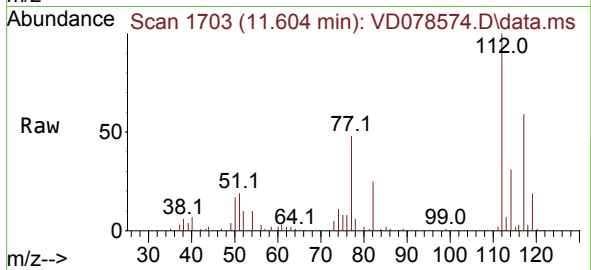




#65
Chlorobenzene
Concen: 9.797 ug/l
RT: 11.604 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

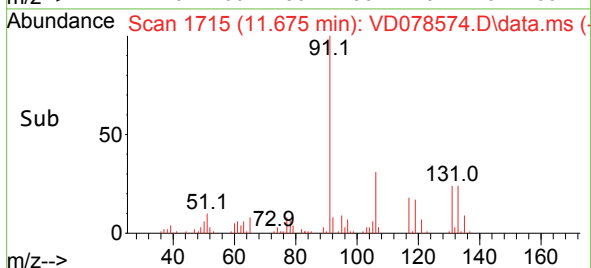
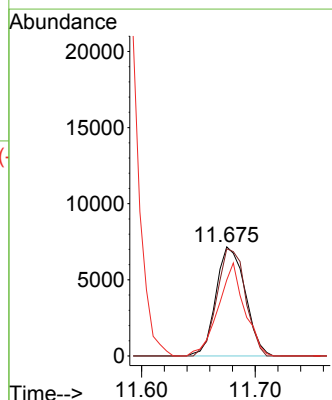
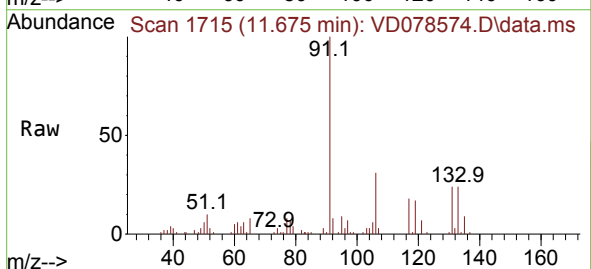
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

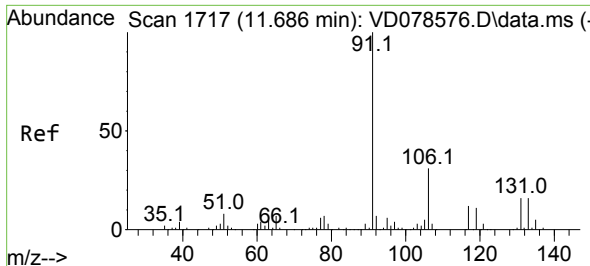
Tgt Ion:112 Resp: 37167
Ion Ratio Lower Upper
112 100
114 31.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 9.088 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

Tgt Ion:131 Resp: 12836
Ion Ratio Lower Upper
131 100
133 95.7 48.5 145.5
119 76.6 35.6 106.9

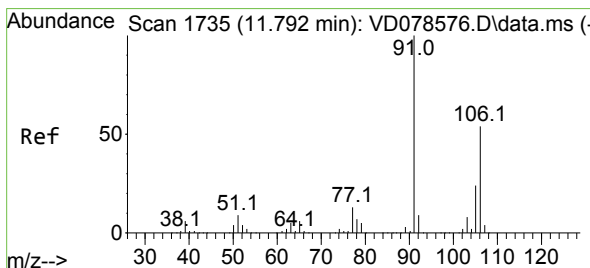
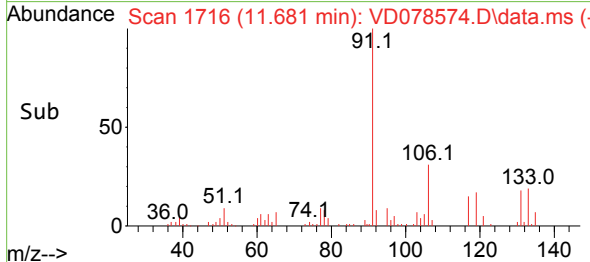
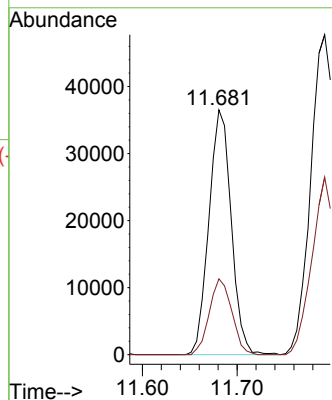
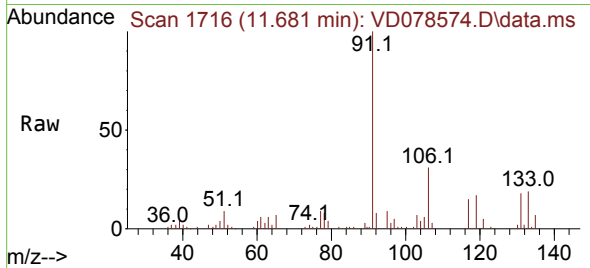




#67
Ethyl Benzene
Concen: 9.093 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

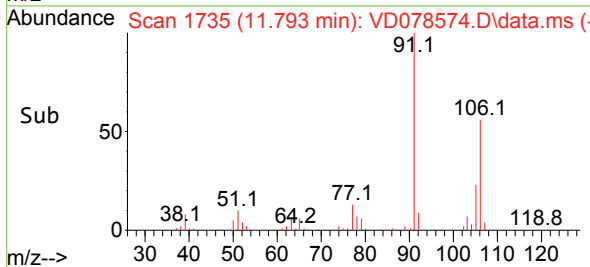
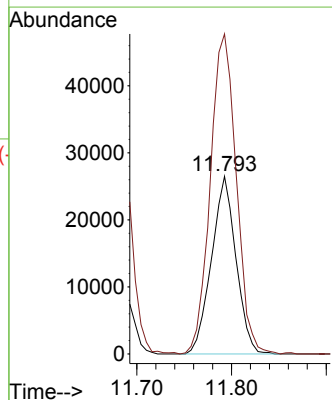
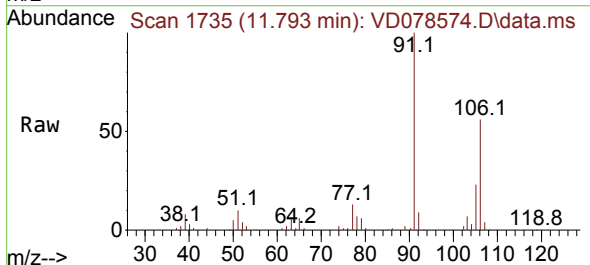
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

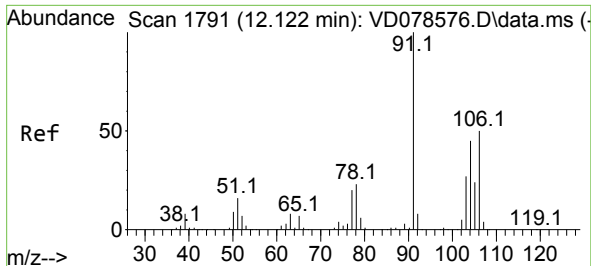
Tgt Ion: 91 Resp: 59775
Ion Ratio Lower Upper
91 100
106 31.0 26.5 39.7



#68
m/p-Xylenes
Concen: 17.933 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

Tgt Ion: 106 Resp: 47692
Ion Ratio Lower Upper
106 100
91 190.8 147.0 220.6

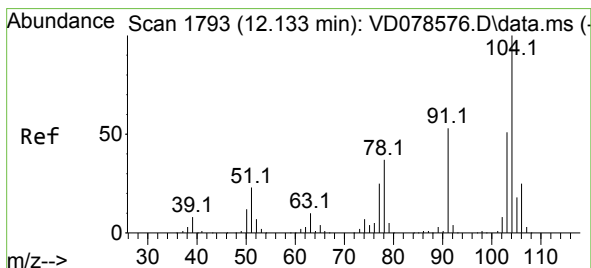
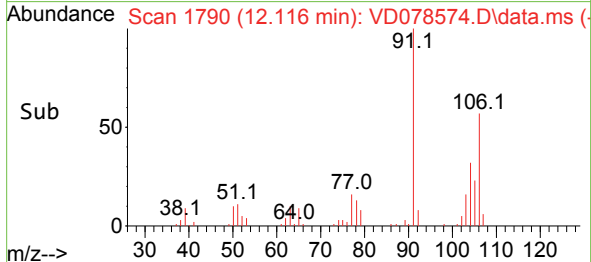
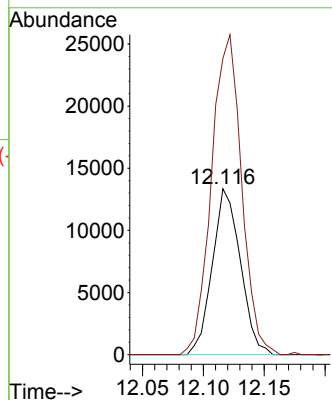
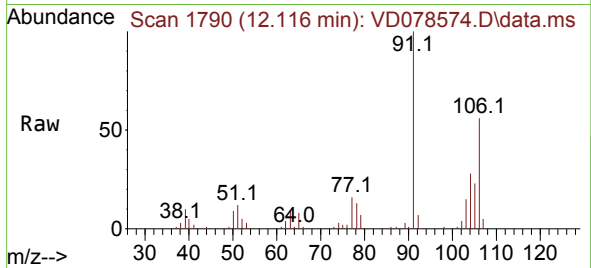




#69
o-Xylene
Concen: 8.881 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

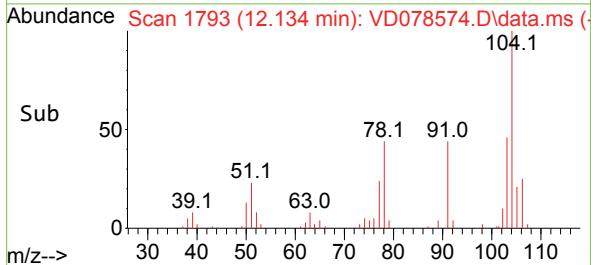
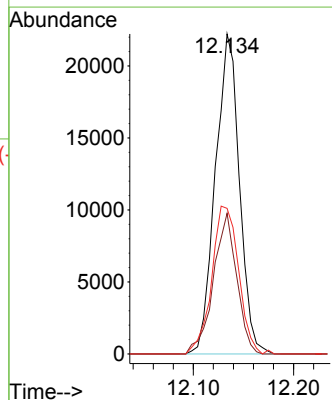
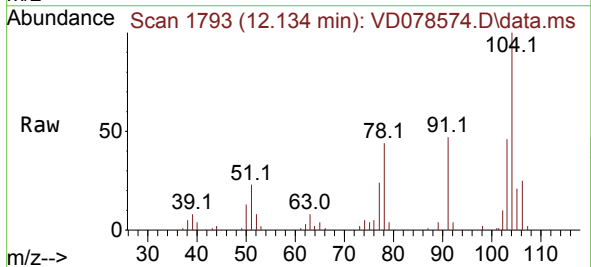
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

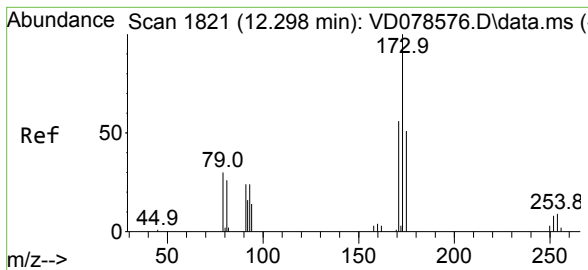
Tgt Ion:106 Resp: 21425
Ion Ratio Lower Upper
106 100
91 206.6 97.9 293.6



#70
Styrene
Concen: 8.823 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

Tgt Ion:104 Resp: 36896
Ion Ratio Lower Upper
104 100
78 42.8 33.2 49.8
103 51.7 43.6 65.4

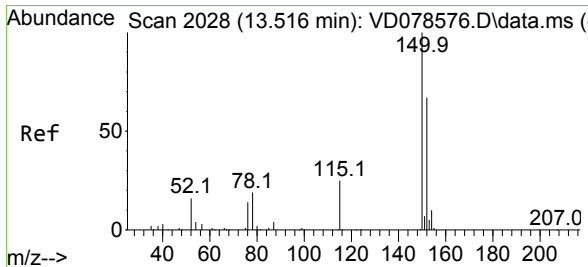
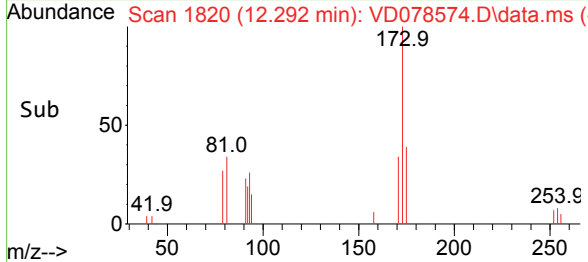
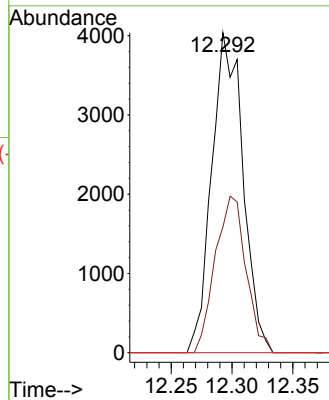
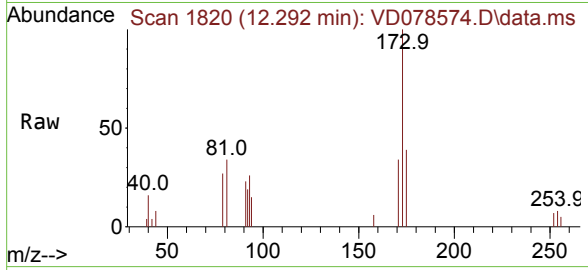




#71
Bromoform
Concen: 9.573 ug/l
RT: 12.292 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

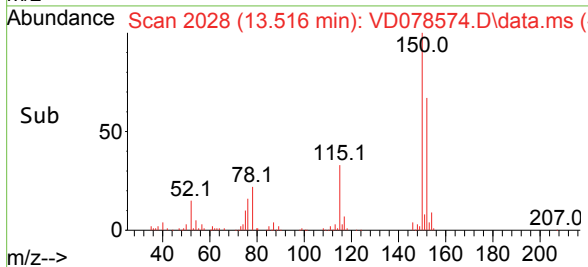
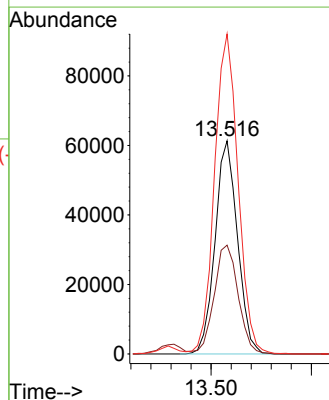
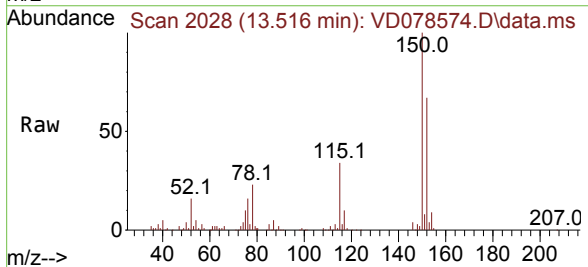
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

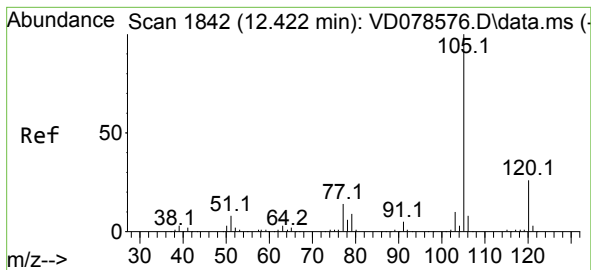
Tgt Ion:173	Resp:	7193
Ion Ratio	Lower	Upper
173	100	
175	48.4	24.6 73.8
254	0.0	0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

Tgt Ion:152	Resp:	95118
Ion Ratio	Lower	Upper
152	100	
115	54.9	27.1 81.3
150	157.6	0.0 353.6





#73

Isopropylbenzene

Concen: 9.279 ug/l

RT: 12.416 min Scan# 1842

Delta R.T. -0.006 min

Lab File: VD078574.D

Acq: 01 Mar 2024 12:43

Instrument :

MSVOA_D

ClientSampleId :

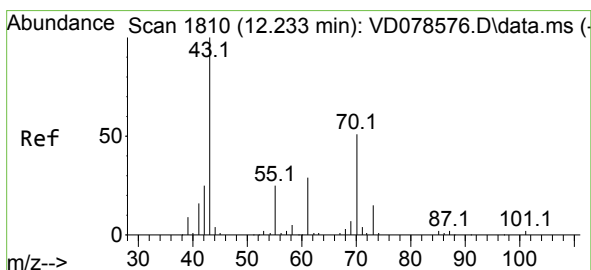
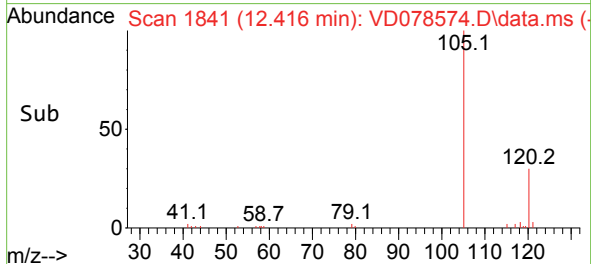
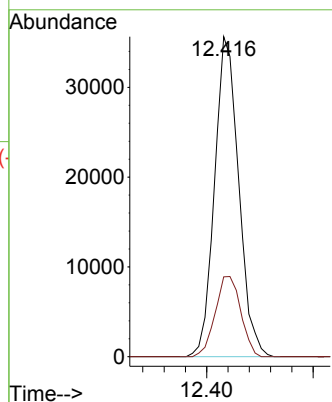
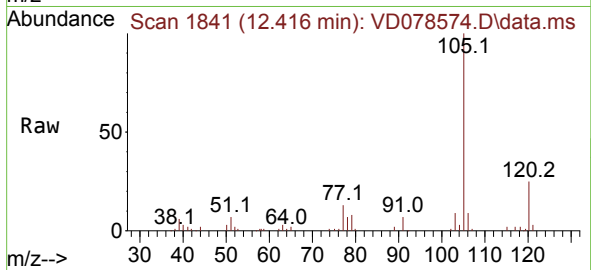
VSTDIC010

Tgt Ion:105 Resp: 55951

Ion Ratio Lower Upper

105 100

120 26.5 14.3 42.9



#74

N-ethyl acetate

Concen: 8.902 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078574.D

Acq: 01 Mar 2024 12:43

Tgt Ion: 43 Resp: 9034

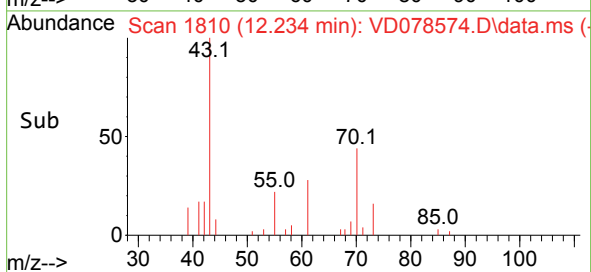
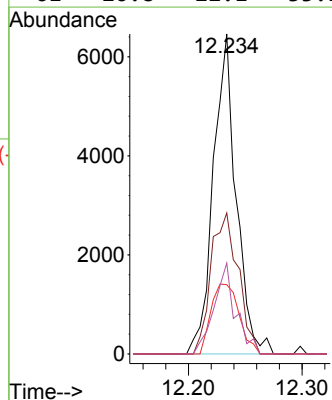
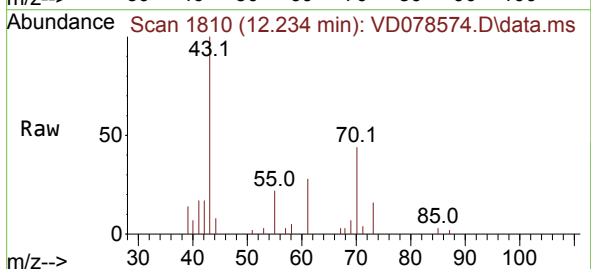
Ion Ratio Lower Upper

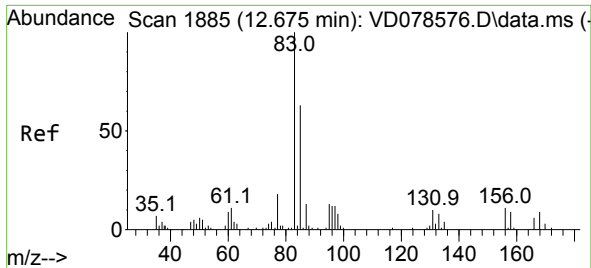
43 100

70 52.3 45.0 67.4

55 26.8 23.8 35.6

61 26.8 22.1 33.1

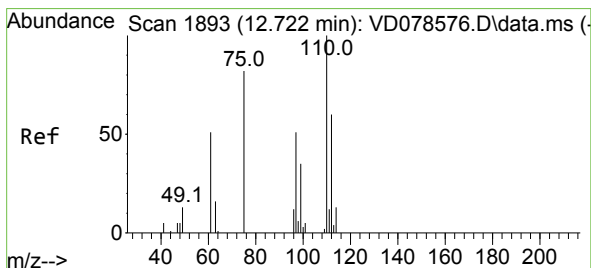
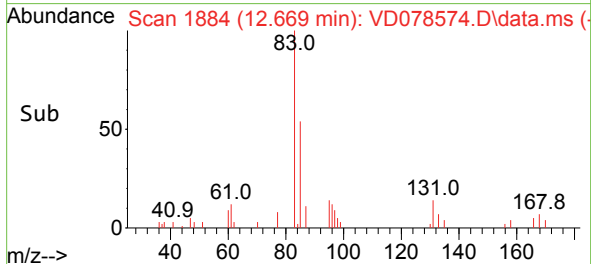
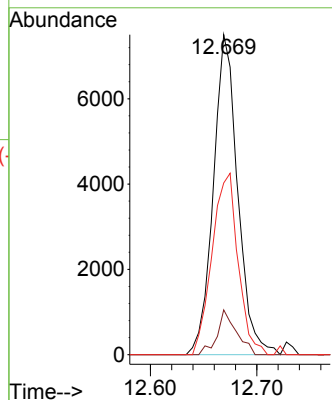
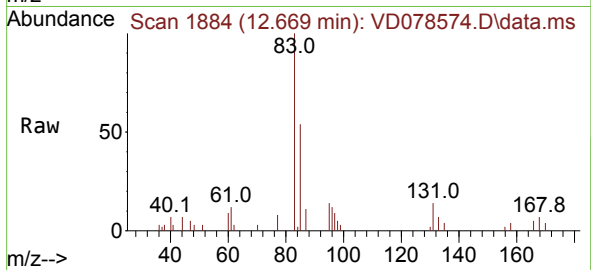




#75
1,1,2,2-Tetrachloroethane
Concen: 10.322 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

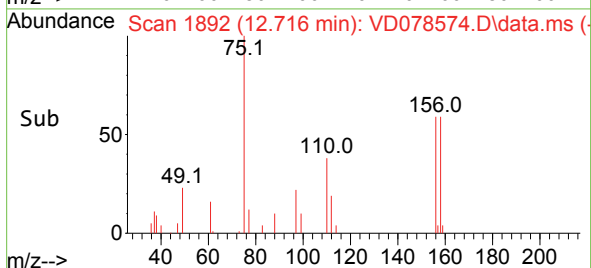
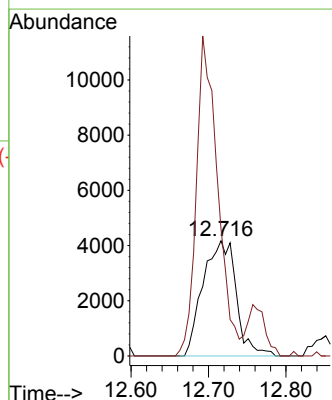
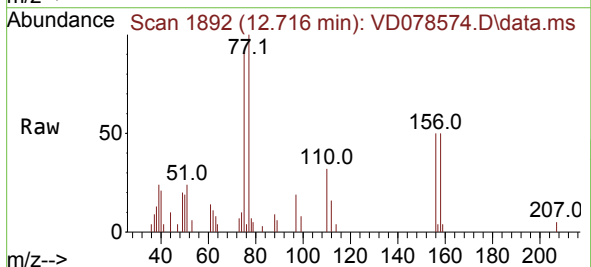
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

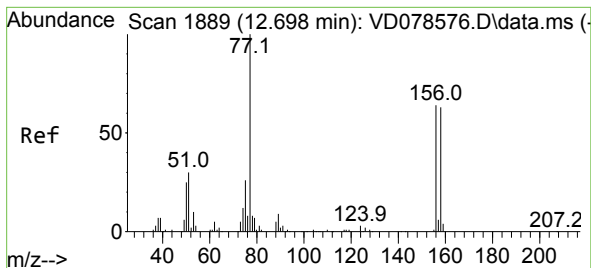
Tgt Ion: 83 Resp: 11923
Ion Ratio Lower Upper
83 100
131 11.0 5.1 15.3
85 60.4 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 17.083 ug/l
RT: 12.716 min Scan# 1892
Delta R.T. -0.006 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

Tgt Ion: 75 Resp: 12438
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 8.992 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD078574.D

Acq: 01 Mar 2024 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

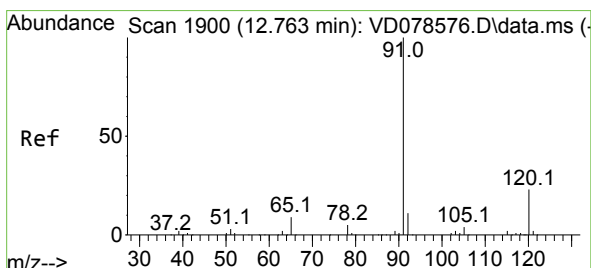
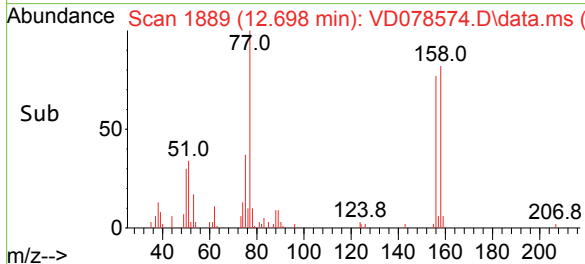
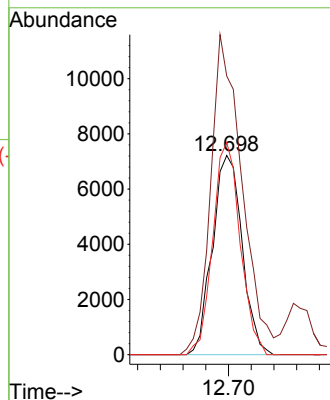
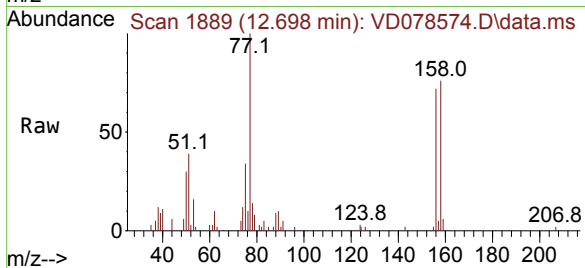
Tgt Ion:156 Resp: 13112

Ion Ratio Lower Upper

156 100

77 169.0 76.8 230.4

158 98.5 48.6 145.9



#78

n-propylbenzene

Concen: 9.457 ug/l

RT: 12.757 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VD078574.D

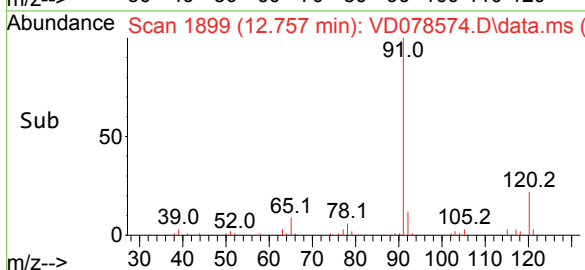
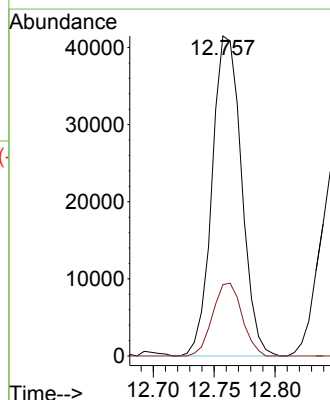
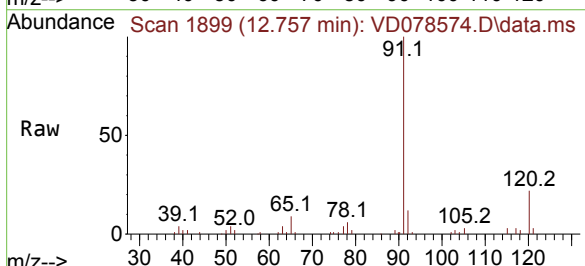
Acq: 01 Mar 2024 12:43

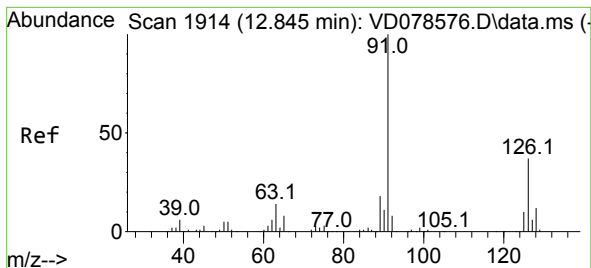
Tgt Ion: 91 Resp: 69745

Ion Ratio Lower Upper

91 100

120 22.7 12.4 37.2





#79

2-Chlorotoluene

Concen: 9.588 ug/l

RT: 12.845 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VD078574.D

Acq: 01 Mar 2024 12:43

Instrument :

MSVOA_D

ClientSampleId :

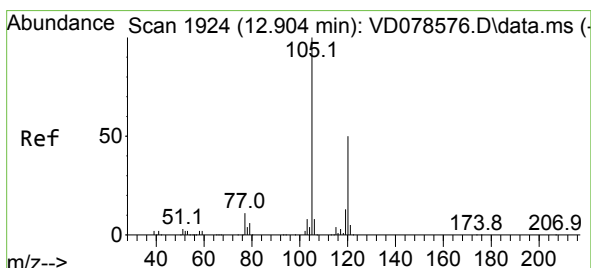
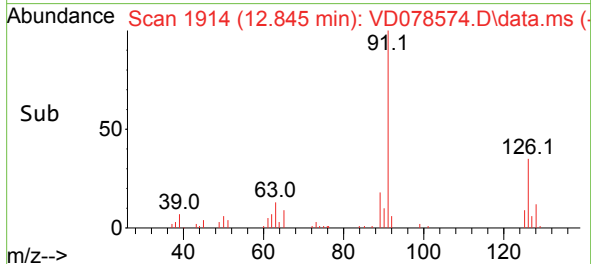
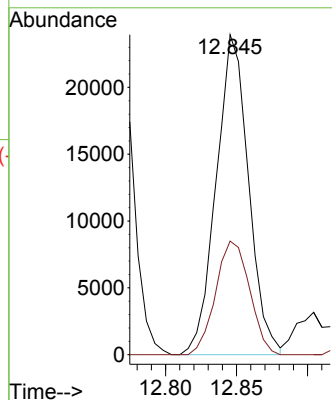
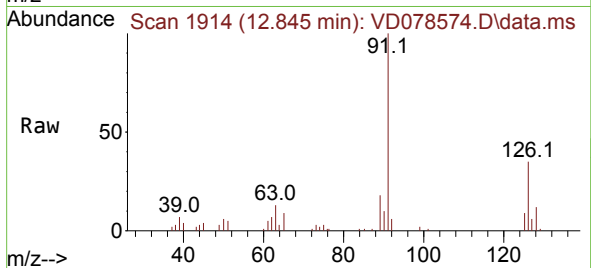
VSTDICC010

Tgt Ion: 91 Resp: 37947

Ion Ratio Lower Upper

91 100

126 37.2 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 9.152 ug/l

RT: 12.898 min Scan# 1923

Delta R.T. -0.006 min

Lab File: VD078574.D

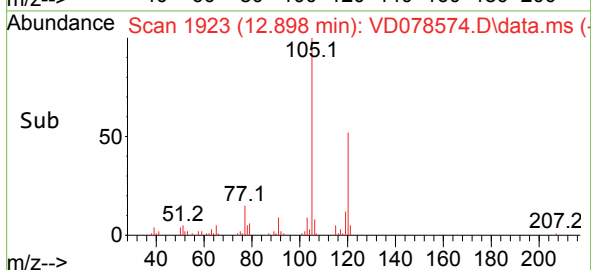
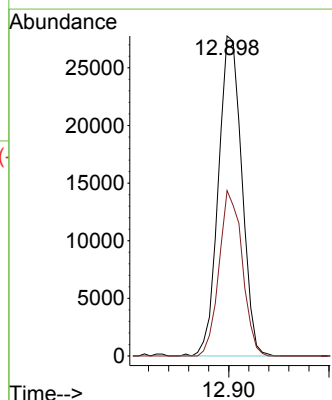
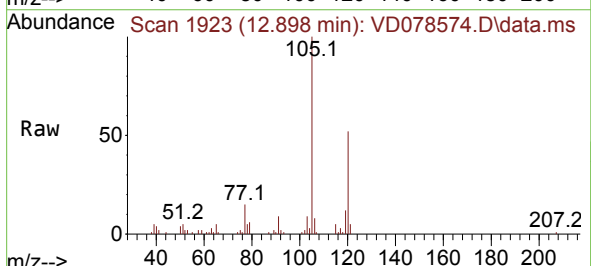
Acq: 01 Mar 2024 12:43

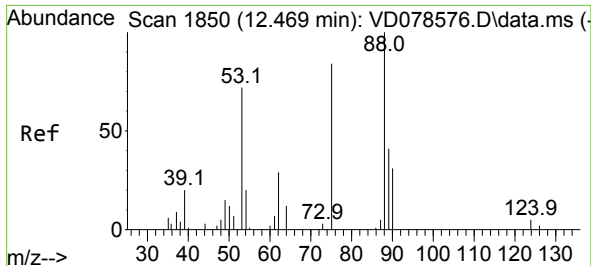
Tgt Ion: 105 Resp: 44903

Ion Ratio Lower Upper

105 100

120 51.0 26.4 79.2

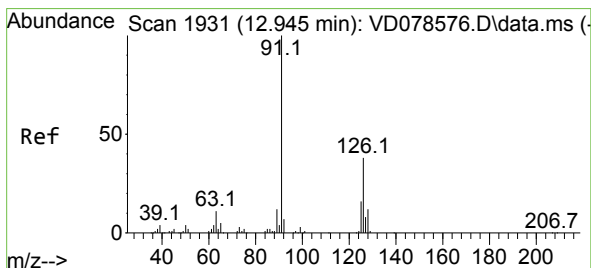
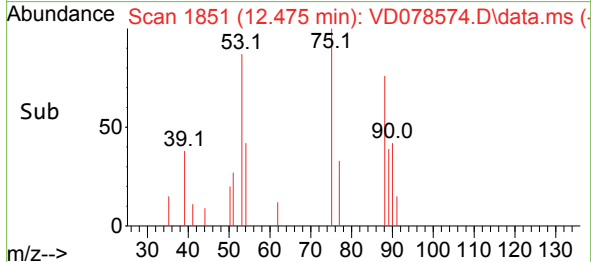
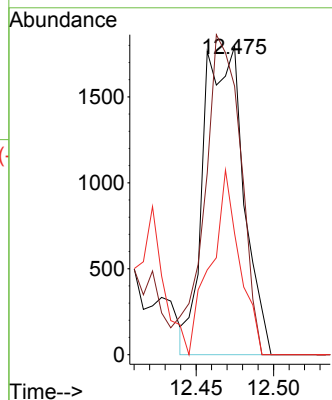
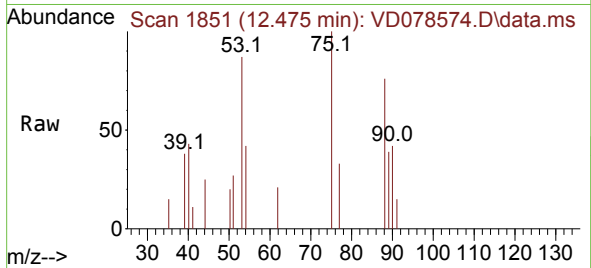




#81
trans-1,4-Dichloro-2-butene
Concen: 9.467 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

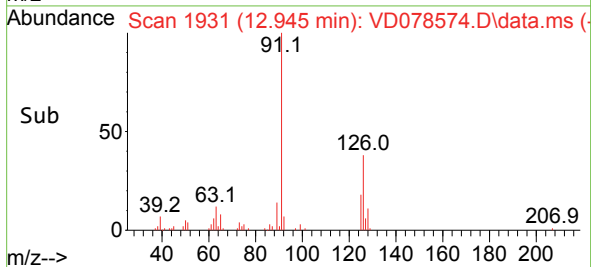
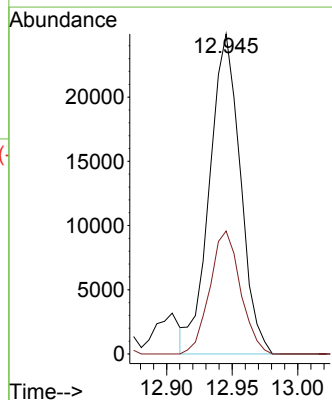
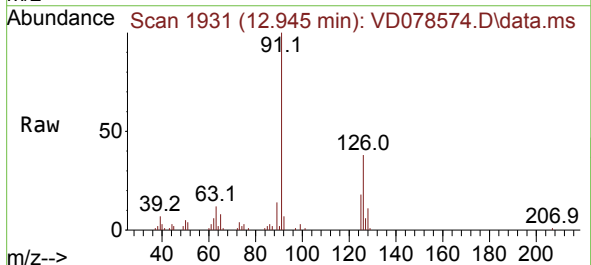
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

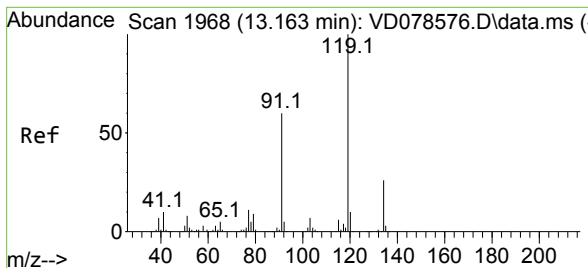
Tgt Ion: 75 Resp: 3213
Ion Ratio Lower Upper
75 100
53 94.4 63.0 94.4
89 42.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 9.650 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

Tgt Ion: 91 Resp: 40701
Ion Ratio Lower Upper
91 100
126 38.2 19.4 58.4





#83

tert-Butylbenzene

Concen: 9.256 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD078574.D

Acq: 01 Mar 2024 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

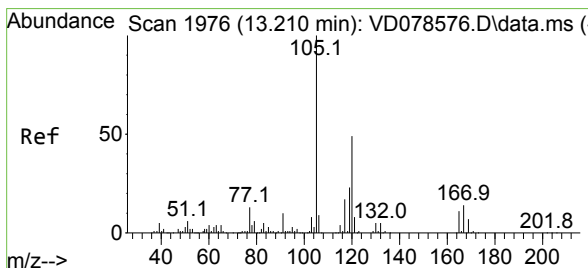
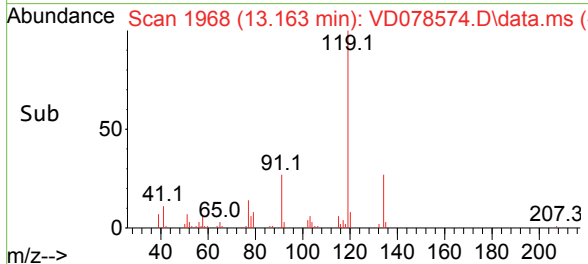
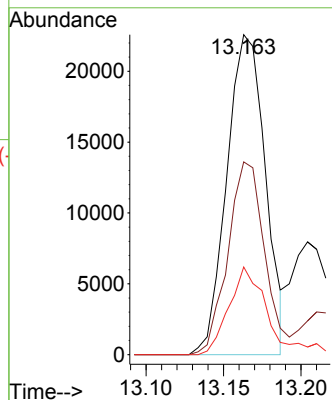
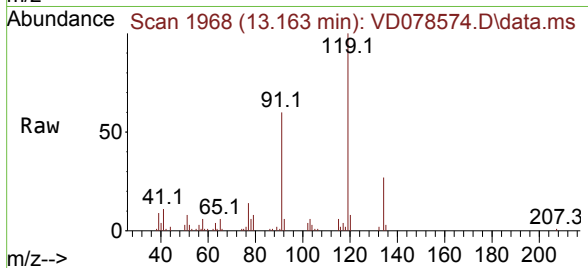
Tgt Ion:119 Resp: 39103

Ion Ratio Lower Upper

119 100

91 57.5 29.3 87.8

134 27.4 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 8.879 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078574.D

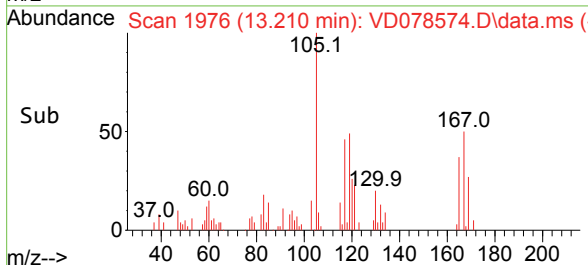
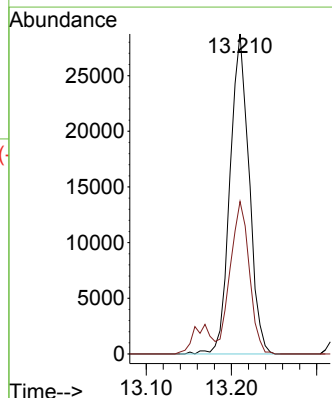
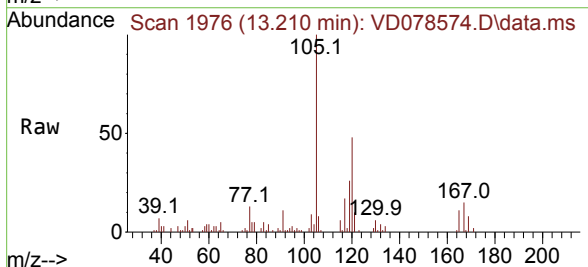
Acq: 01 Mar 2024 12:43

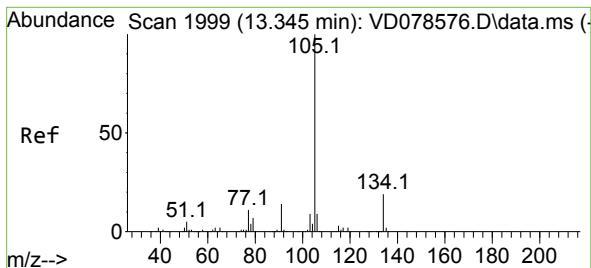
Tgt Ion:105 Resp: 44525

Ion Ratio Lower Upper

105 100

120 47.9 24.3 72.9





#85

sec-Butylbenzene

Concen: 9.163 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078574.D

Acq: 01 Mar 2024 12:43

Instrument :

MSVOA_D

ClientSampleId :

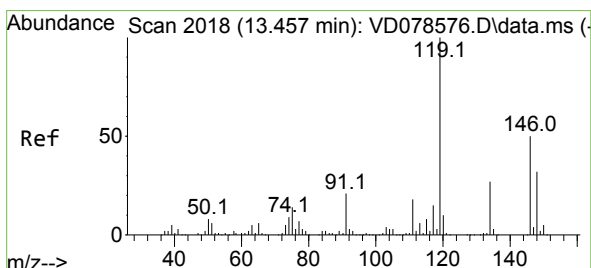
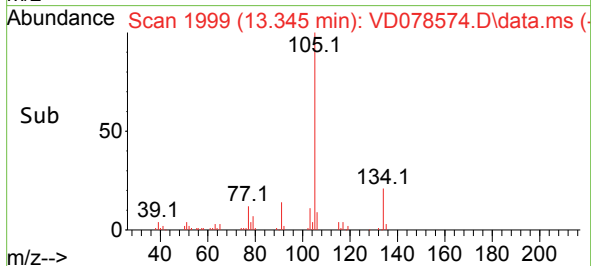
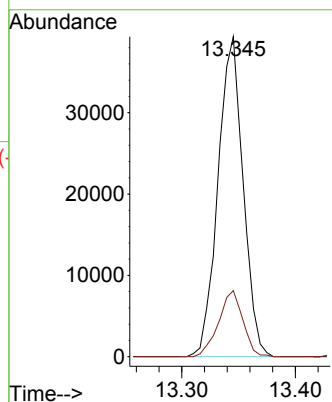
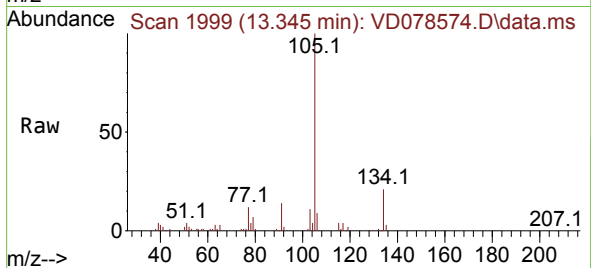
VSTDIC010

Tgt Ion:105 Resp: 60390

Ion Ratio Lower Upper

105 100

134 20.0 10.9 32.9



#86

p-Isopropyltoluene

Concen: 8.790 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078574.D

Acq: 01 Mar 2024 12:43

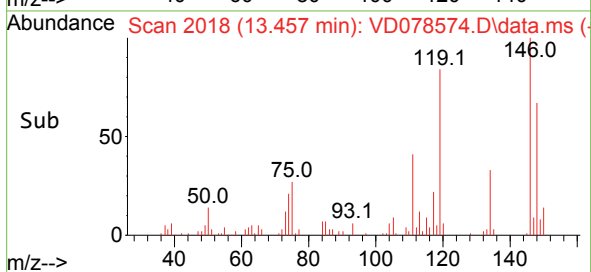
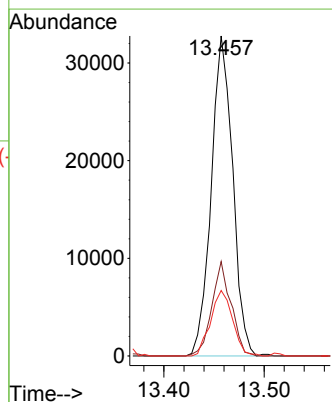
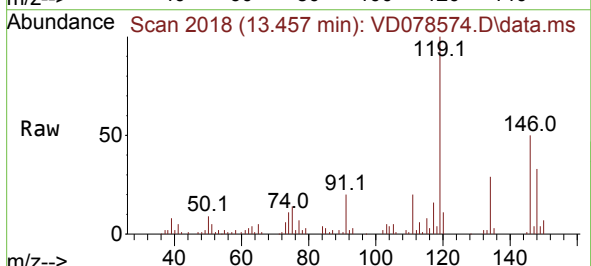
Tgt Ion:119 Resp: 48769

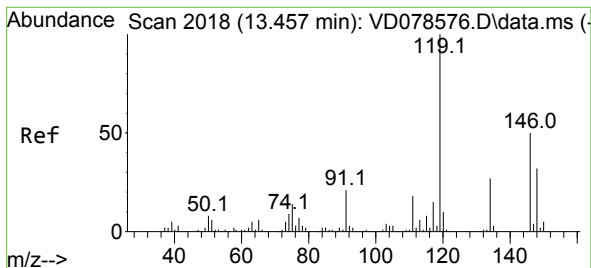
Ion Ratio Lower Upper

119 100

134 26.4 14.2 42.6

91 21.0 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 9.217 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078574.D

Acq: 01 Mar 2024 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

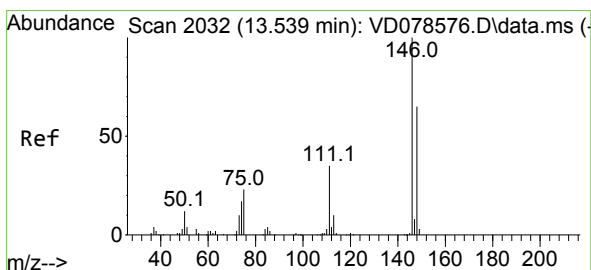
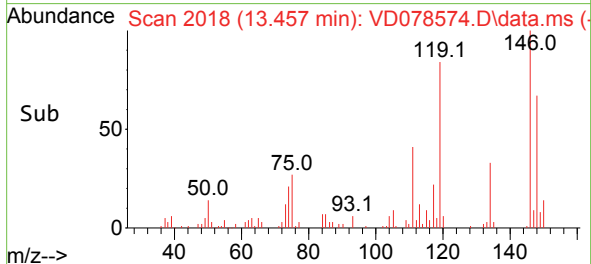
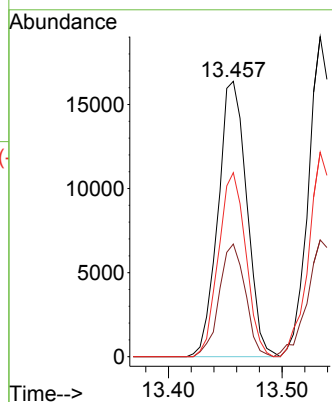
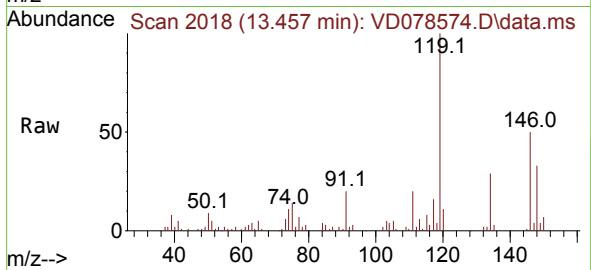
Tgt Ion:146 Resp: 28717

Ion Ratio Lower Upper

146 100

111 37.1 17.9 53.8

148 63.6 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 9.793 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VD078574.D

Acq: 01 Mar 2024 12:43

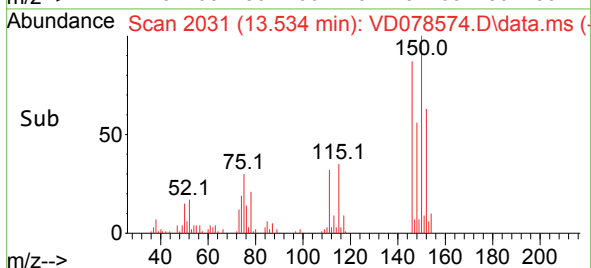
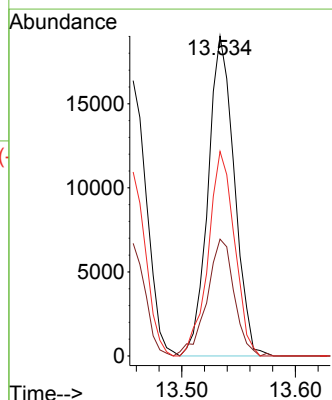
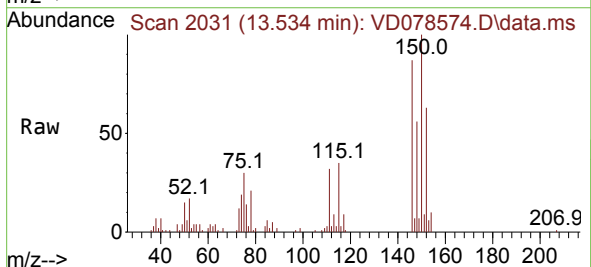
Tgt Ion:146 Resp: 30569

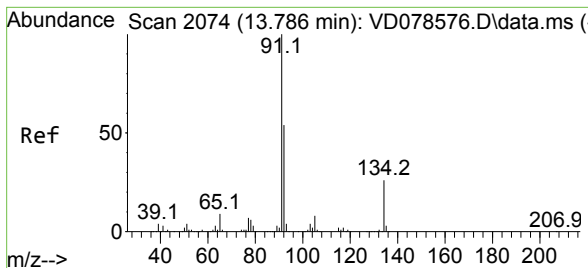
Ion Ratio Lower Upper

146 100

111 38.0 17.4 52.3

148 64.0 31.7 95.1





#89

n-Butylbenzene

Concen: 9.148 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078574.D

Acq: 01 Mar 2024 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

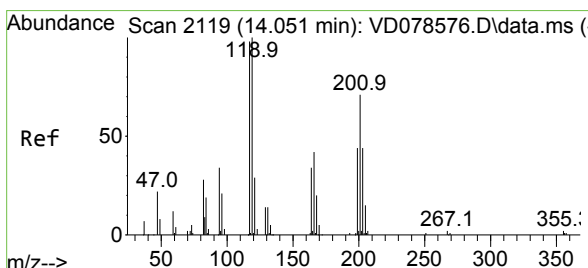
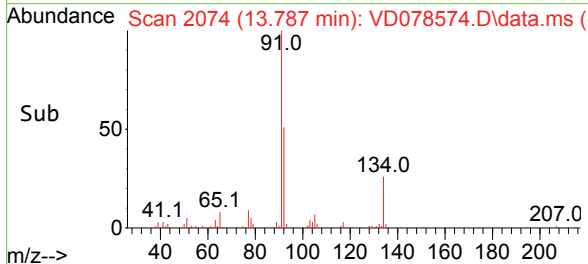
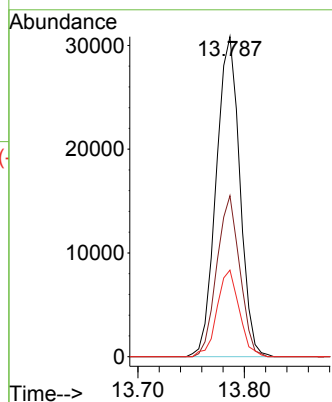
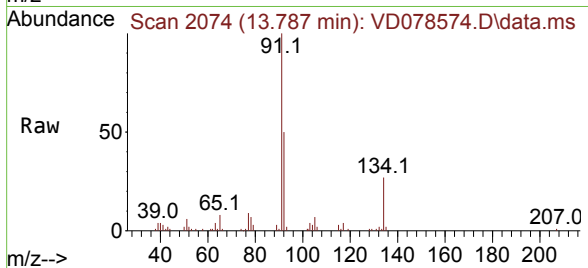
Tgt Ion: 91 Resp: 47430

Ion Ratio Lower Upper

91 100

92 48.8 26.5 79.5

134 25.5 13.8 41.3



#90

Hexachloroethane

Concen: 10.062 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078574.D

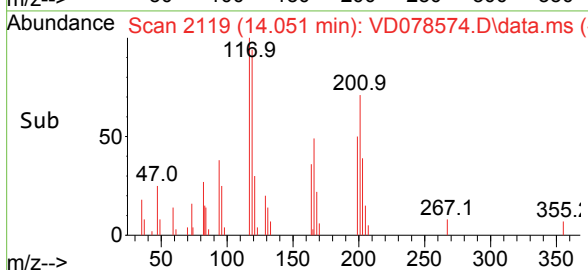
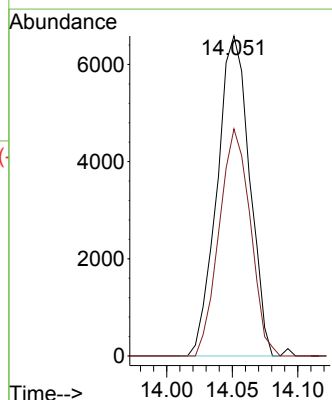
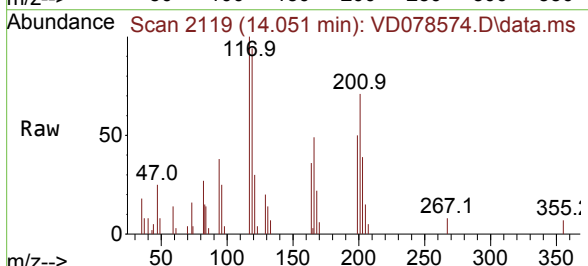
Acq: 01 Mar 2024 12:43

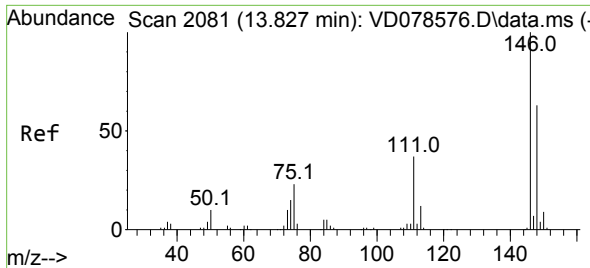
Tgt Ion: 117 Resp: 11351

Ion Ratio Lower Upper

117 100

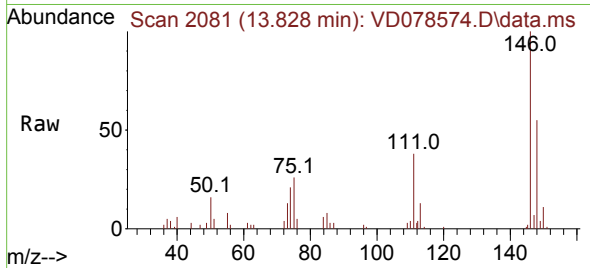
201 68.1 38.5 115.5





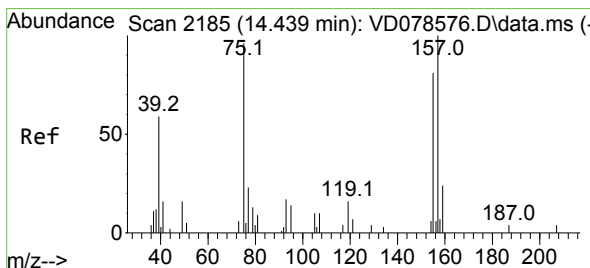
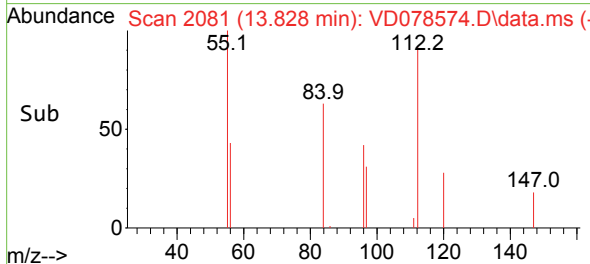
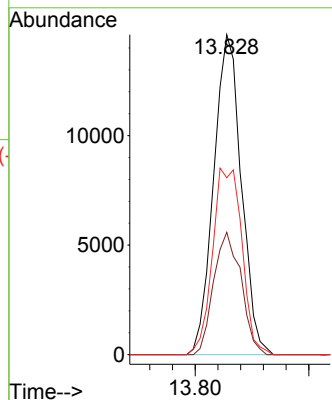
#91
1,2-Dichlorobenzene
Concen: 9.322 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion:146 Resp: 24673

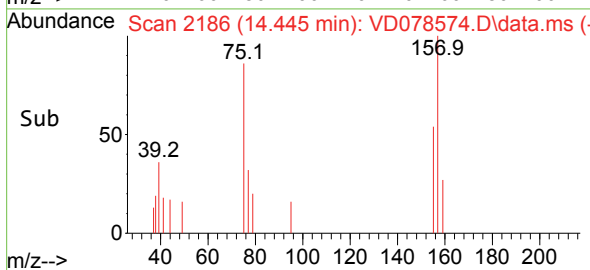
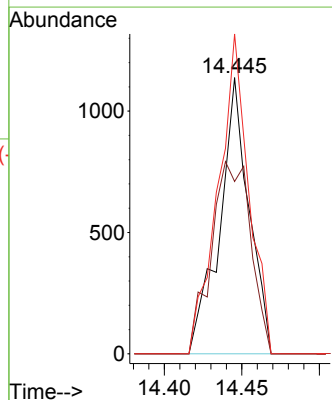
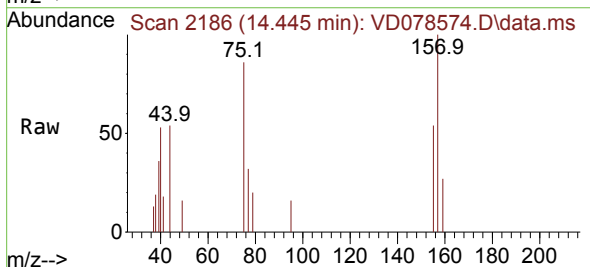
Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.3	54.8
148	61.9	31.6	94.7

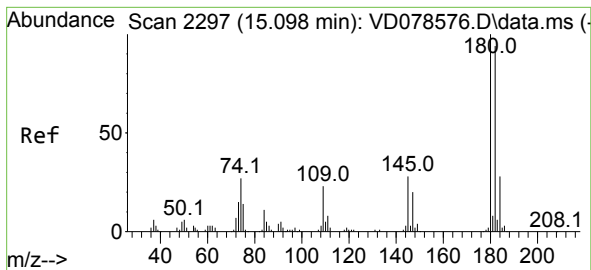


#92
1,2-Dibromo-3-Chloropropane
Concen: 9.723 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.006 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

Tgt Ion: 75 Resp: 1497

Ion	Ratio	Lower	Upper
75	100		
155	93.2	47.9	143.8
157	120.8	59.9	179.7





#93

1,2,4-Trichlorobenzene

Concen: 8.842 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078574.D

Acq: 01 Mar 2024 12:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

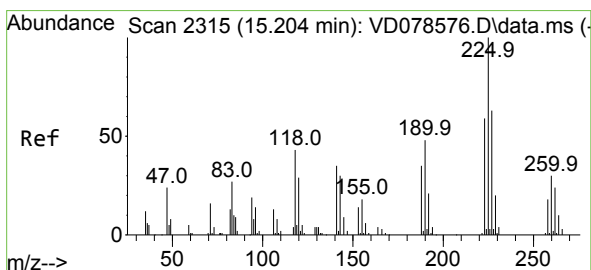
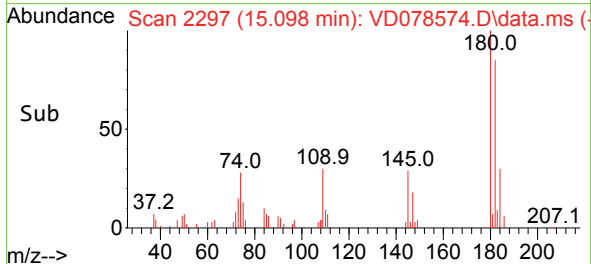
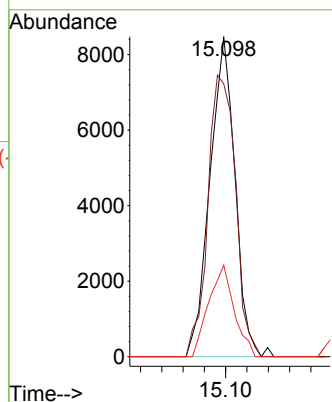
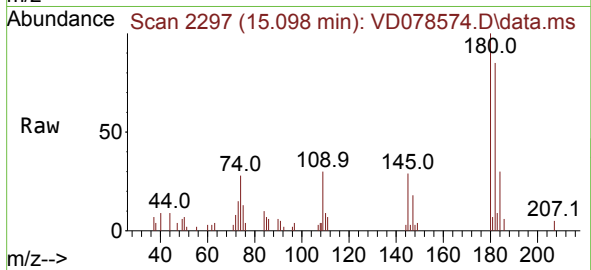
Tgt Ion:180 Resp: 13857

Ion Ratio Lower Upper

180 100

182 97.0 48.5 145.6

145 29.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 9.580 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078574.D

Acq: 01 Mar 2024 12:43

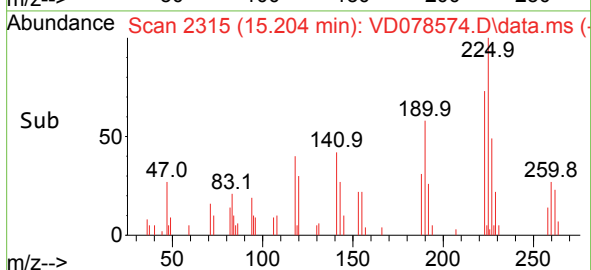
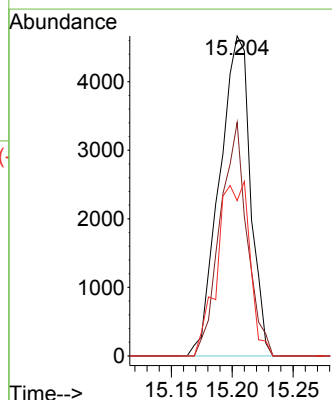
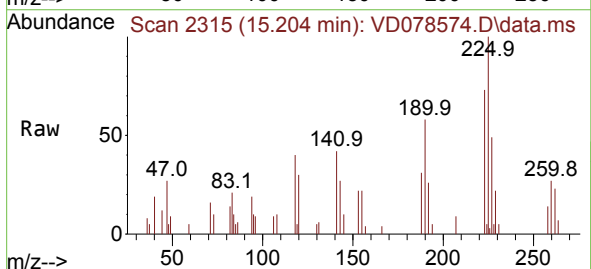
Tgt Ion:225 Resp: 8261

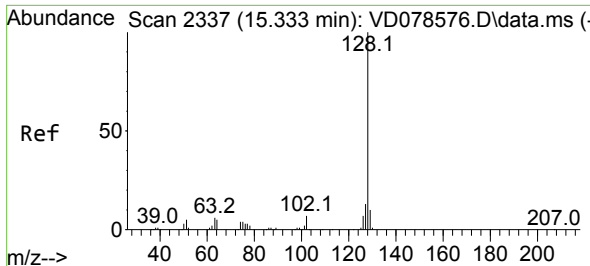
Ion Ratio Lower Upper

225 100

223 63.7 31.6 94.8

227 57.0 31.7 95.1

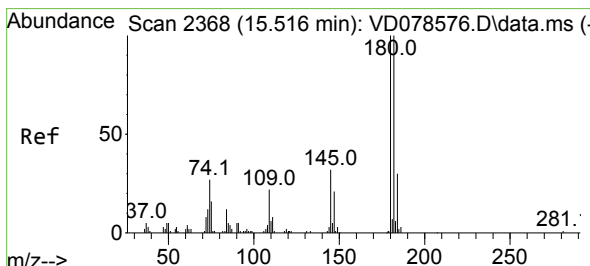
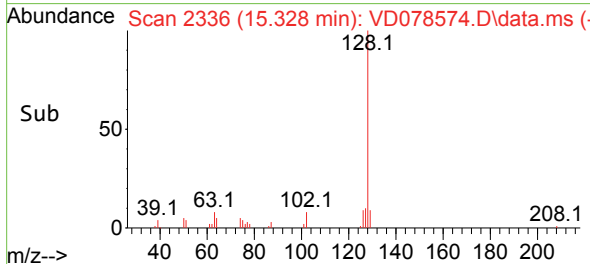
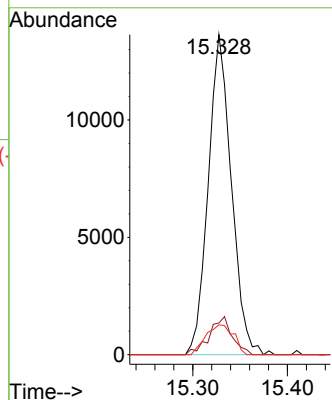
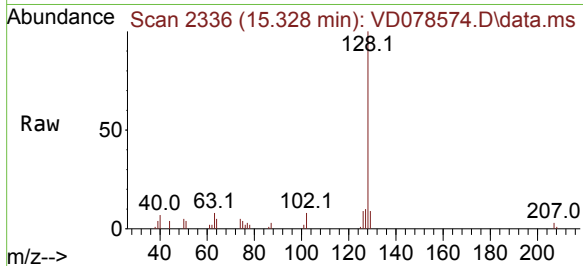




#95
Naphthalene
Concen: 8.365 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 23166
Ion Ratio Lower Upper
128 100
127 9.9 10.5 15.7#
129 9.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 8.867 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD078574.D
Acq: 01 Mar 2024 12:43

Tgt Ion:180 Resp: 12341
Ion Ratio Lower Upper
180 100
182 94.5 47.3 141.9
145 31.2 15.1 45.3

