

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060123\
 Data File : VD076303.D
 Acq On : 01 Jun 2023 18:06
 Operator : KP/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Quant Time: Jun 02 05:35:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 05:32:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	186719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	338655	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	316386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	161804	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	20510	11.271	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	22.540%#
35) Dibromofluoromethane	7.804	113	22477	10.055	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.100%#
50) Toluene-d8	10.263	98	85960	9.973	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	19.940%#
62) 4-Bromofluorobenzene	12.575	95	22617	9.408	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	18.820%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	18542	10.903	ug/l	98
3) Chloromethane	2.146	50	46900	10.105	ug/l	95
4) Vinyl Chloride	2.275	62	49499	11.031	ug/l	97
5) Bromomethane	2.675	94	26363	10.747	ug/l	100
6) Chloroethane	2.822	64	32562	9.974	ug/l	99
7) Trichlorofluoromethane	3.158	101	34016	11.050	ug/l #	83
8) Diethyl Ether	3.587	74	10486	9.601	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.952	101	21903	10.935	ug/l	98
10) Methyl Iodide	4.152	142	23673	10.110	ug/l	99
11) Tert butyl alcohol	5.052	59	3389	29.255	ug/l #	73
12) 1,1-Dichloroethene	3.928	96	21484	10.329	ug/l	88
13) Acrolein	3.799	56	7670	50.315	ug/l	99
14) Allyl chloride	4.552	41	21651	10.506	ug/l	98
15) Acrylonitrile	5.252	53	23166	51.285	ug/l	98
16) Acetone	4.022	43	18390	49.922	ug/l	92
17) Carbon Disulfide	4.252	76	75603	10.917	ug/l	97
18) Methyl Acetate	4.558	43	16007	10.444	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	40019	9.535	ug/l #	87
20) Methylene Chloride	4.793	84	37630	9.246	ug/l	98
21) trans-1,2-Dichloroethene	5.305	96	25435	10.524	ug/l	97
22) Diisopropyl ether	6.210	45	48965	10.011	ug/l #	91
23) Vinyl Acetate	6.152	43	93020	40.373	ug/l	95
24) 1,1-Dichloroethane	6.105	63	41726	10.888	ug/l	98
25) 2-Butanone	7.087	43	24549	51.702	ug/l #	86
26) 2,2-Dichloropropane	7.069	77	34017	11.234	ug/l	96
27) cis-1,2-Dichloroethene	7.069	96	27302	10.310	ug/l	98
28) Bromochloromethane	7.422	49	17790	12.065	ug/l	92
29) Tetrahydrofuran	7.440	42	13827	47.391	ug/l	99
30) Chloroform	7.587	83	43673	10.832	ug/l	96
31) Cyclohexane	7.869	56	30164	10.769	ug/l #	86
32) 1,1,1-Trichloroethane	7.787	97	33508	10.636	ug/l	97
36) 1,1-Dichloropropene	8.010	75	30725	9.939	ug/l	100
37) Ethyl Acetate	7.169	43	11827	10.089	ug/l	97
38) Carbon Tetrachloride	7.987	117	25959	9.751	ug/l	94
39) Methylcyclohexane	9.275	83	32093	9.213	ug/l	95
40) Benzene	8.246	78	96968	9.882	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	4070	6.882	ug/l #	55
42) 1,2-Dichloroethane	8.316	62	24159	10.131	ug/l	95
43) Isopropyl Acetate	8.363	43	19833	9.396	ug/l	98
44) Trichloroethene	9.022	130	26329	9.710	ug/l	90
45) 1,2-Dichloropropane	9.304	63	23621	9.973	ug/l	99
46) Dibromomethane	9.393	93	14090	10.137	ug/l	96
47) Bromodichloromethane	9.581	83	32554	9.997	ug/l	98
48) Methyl methacrylate	9.381	41	7602	8.389	ug/l #	93
49) 1,4-Dioxane	9.393	88	2991	177.732	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	51255	45.899	ug/l	95
52) Toluene	10.334	92	56838	9.465	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	28344	9.308	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	34094	9.478	ug/l	93
55) 1,1,2-Trichloroethane	10.734	97	19967	10.091	ug/l	96
56) Ethyl methacrylate	10.598	69	17476	10.037	ug/l	96
57) 1,3-Dichloropropane	10.875	76	31173	9.989	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	29689	48.613	ug/l	97
59) 2-Hexanone	10.922	43	33122	44.564	ug/l	94
60) Dibromochloromethane	11.075	129	22232	9.804	ug/l	93
61) 1,2-Dibromoethane	11.175	107	18296	10.008	ug/l	97
64) Tetrachloroethene	10.804	164	20907	9.275	ug/l	95
65) Chlorobenzene	11.610	112	66527	9.781	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	23906	10.158	ug/l	96
67) Ethyl Benzene	11.687	91	101356	9.327	ug/l	96
68) m/p-Xylenes	11.792	106	82232	18.292	ug/l	97
69) o-Xylene	12.122	106	37129	9.002	ug/l	99
70) Styrene	12.134	104	63643	8.941	ug/l	99
71) Bromoform	12.298	173	12794	9.597	ug/l #	100
73) Isopropylbenzene	12.422	105	89418	9.073	ug/l	99
74) N-amyl acetate	12.234	43	17068	8.862	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	22056	9.811	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	25568	17.518	ug/l #	100
77) Bromobenzene	12.698	156	25343	9.301	ug/l	95
78) n-propylbenzene	12.763	91	113382	9.216	ug/l	99
79) 2-Chlorotoluene	12.845	91	64853	9.450	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	74384	9.067	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	6225	9.810	ug/l	99
82) 4-Chlorotoluene	12.945	91	71199	9.677	ug/l	99
83) tert-Butylbenzene	13.169	119	61862	8.876	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	74677	8.919	ug/l	98
85) sec-Butylbenzene	13.345	105	97314	9.188	ug/l	95
86) p-Isopropyltoluene	13.463	119	79606	8.987	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	54507	9.882	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	56103	10.016	ug/l	97
89) n-Butylbenzene	13.786	91	73075	8.982	ug/l	98
90) Hexachloroethane	14.051	117	17916	10.002	ug/l	94
91) 1,2-Dichlorobenzene	13.834	146	47825	9.856	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2650	9.116	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	24037	8.656	ug/l	98
94) Hexachlorobutadiene	15.204	225	12644	9.714	ug/l	97
95) Naphthalene	15.333	128	46885	10.762	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	22610	8.869	ug/l	98

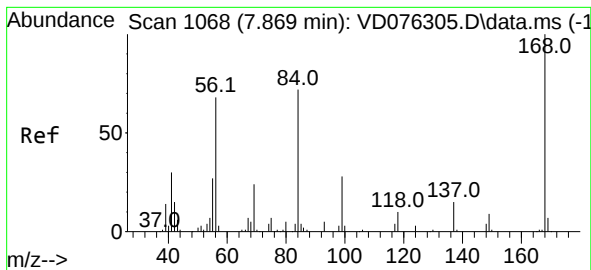
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Quant Title : SW846 8260
QLast Update : Fri Jun 02 05:32:50 2023
Response via : Initial Calibration

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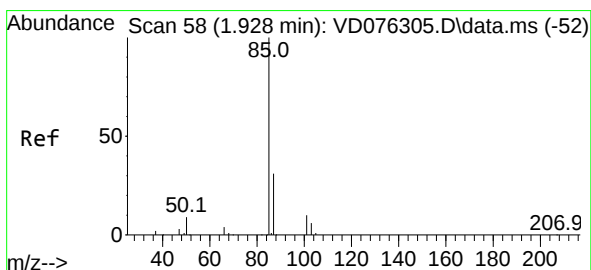
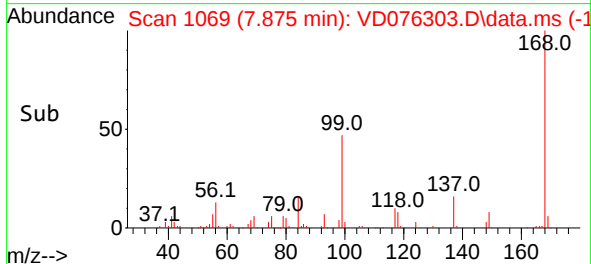
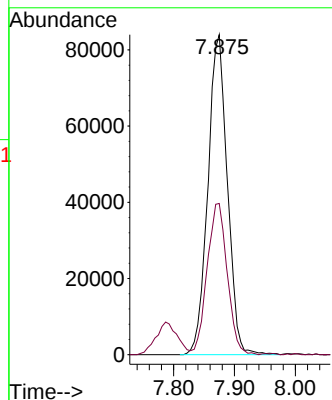
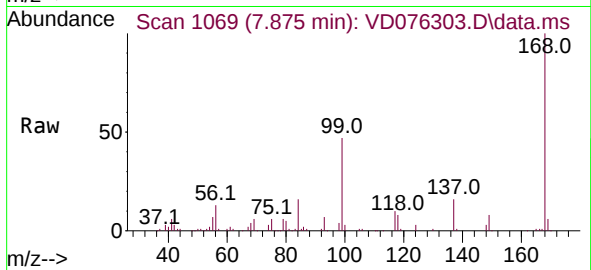
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

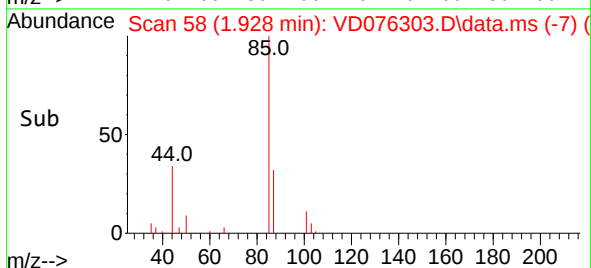
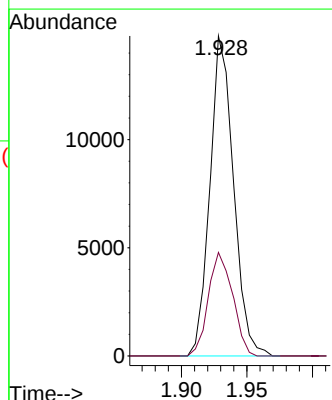
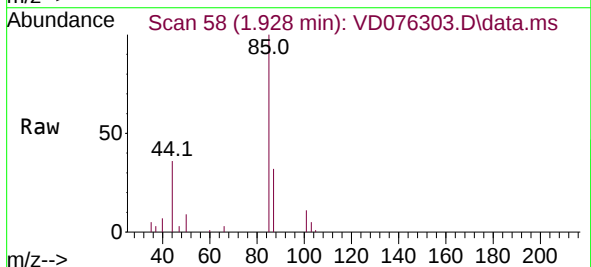
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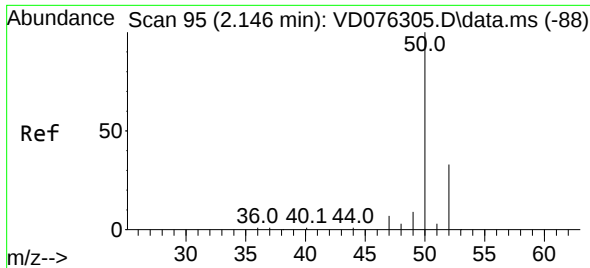
Tgt Ion:168 Resp: 186719
Ion Ratio Lower Upper
168 100
99 47.2 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 10.903 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

Tgt Ion: 85 Resp: 18542
Ion Ratio Lower Upper
85 100
87 32.4 15.7 47.0

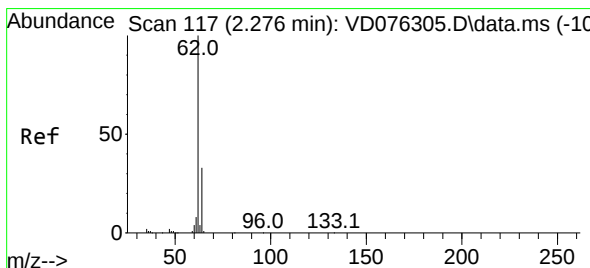
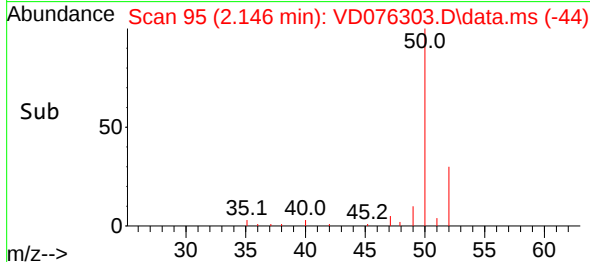
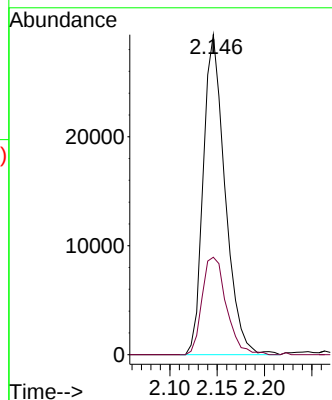
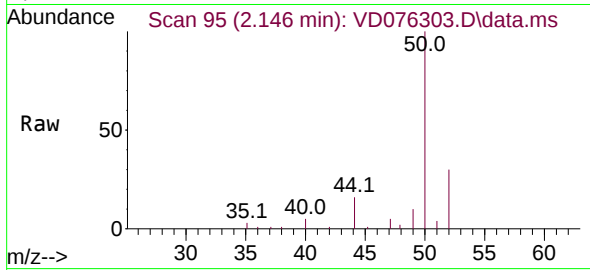




#3
Chloromethane
Concen: 10.105 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

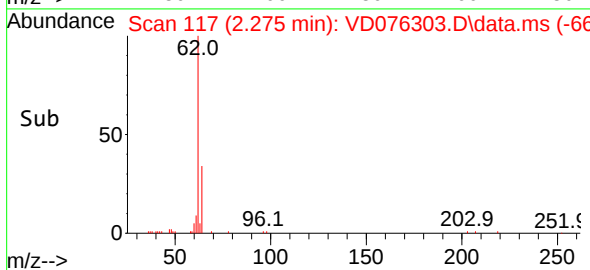
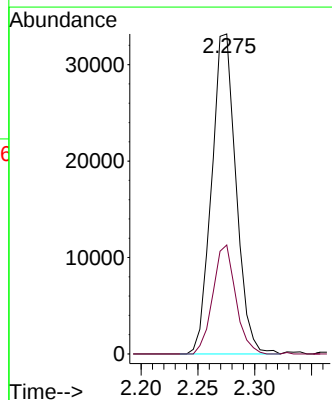
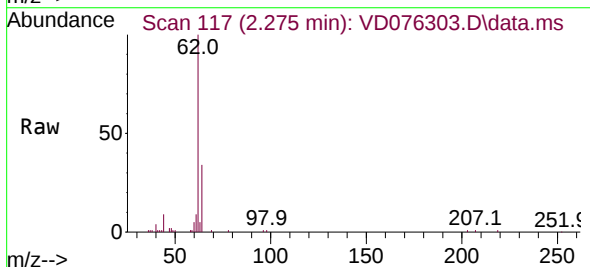
Instrument :
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ClientSampleId :
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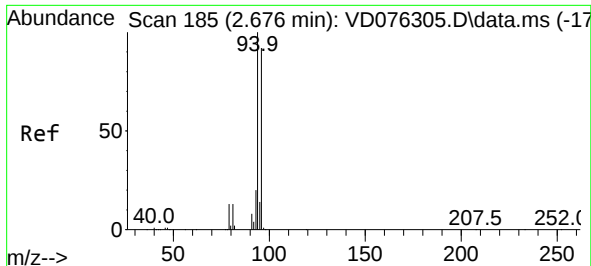
Tgt Ion: 50 Resp: 46900
Ion Ratio Lower Upper
50 100
52 30.4 26.6 40.0



#4
Vinyl Chloride
Concen: 11.031 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

Tgt Ion: 62 Resp: 49499
Ion Ratio Lower Upper
62 100
64 34.1 26.0 39.0

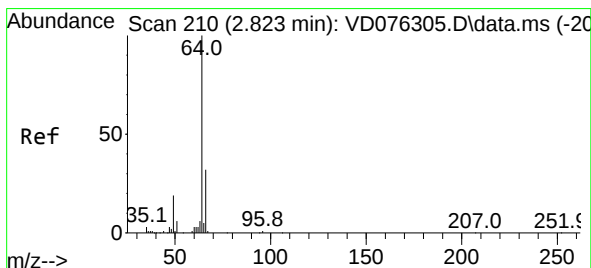
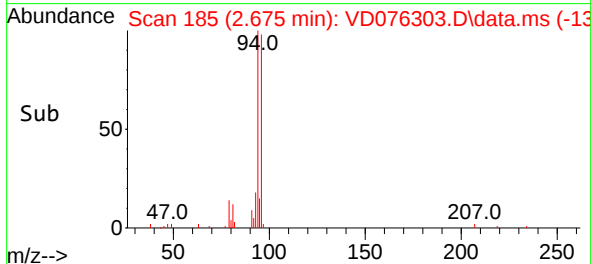
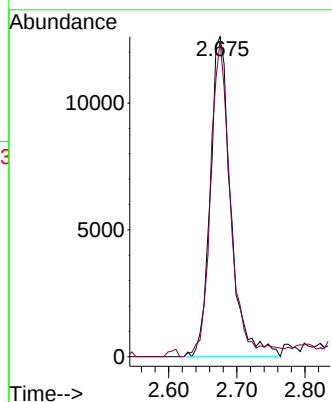
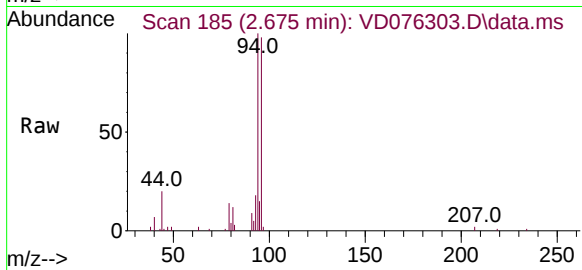




#5
Bromomethane
Concen: 10.747 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

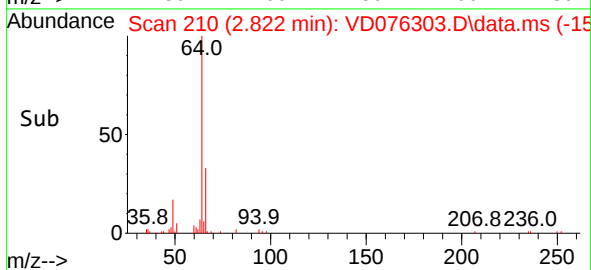
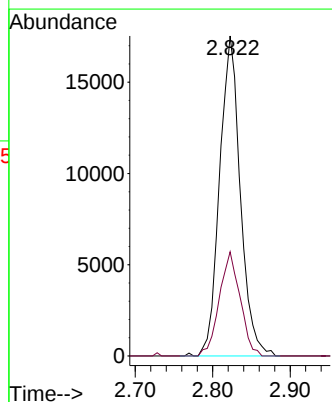
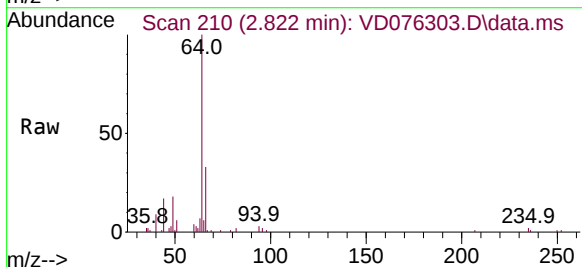
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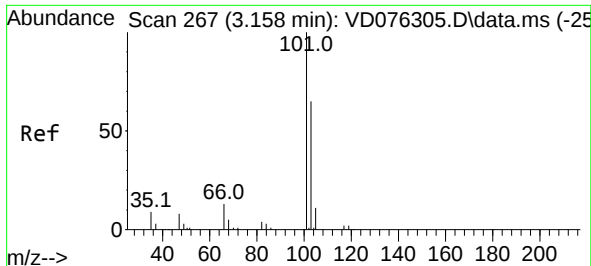
Tgt Ion: 94 Resp: 26363
Ion Ratio Lower Upper
94 100
96 95.2 75.8 113.8



#6
Chloroethane
Concen: 9.974 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.001 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

Tgt Ion: 64 Resp: 32562
Ion Ratio Lower Upper
64 100
66 32.6 25.5 38.3

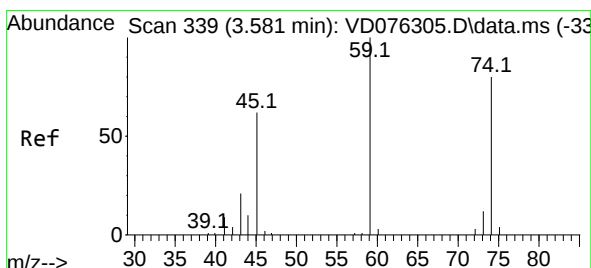
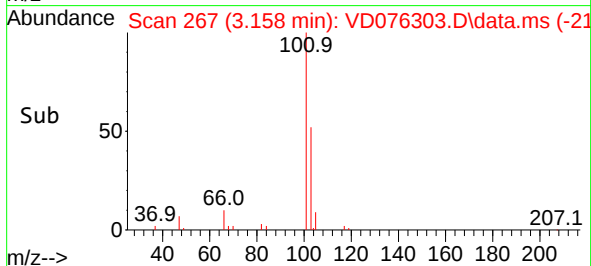
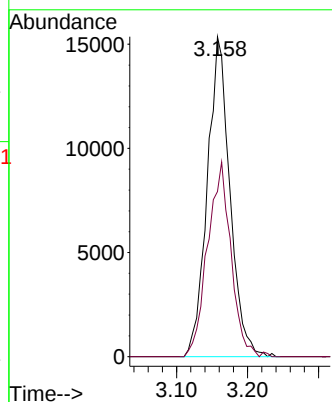
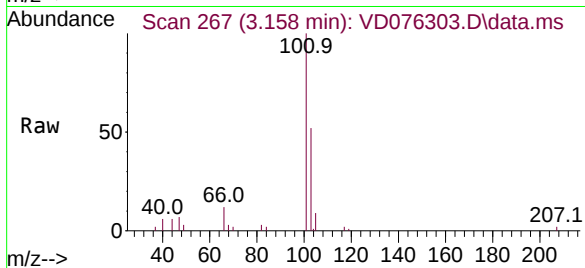




#7
 Trichlorofluoromethane
 Concen: 11.050 ug/l
 RT: 3.158 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076303.D
 Acq: 01 Jun 2023 18:06

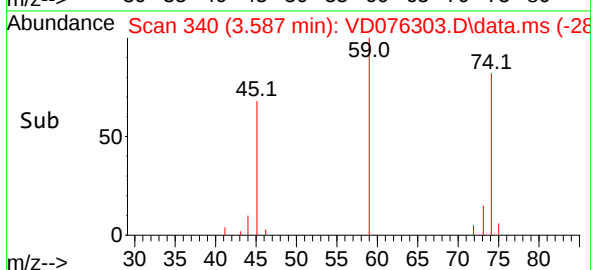
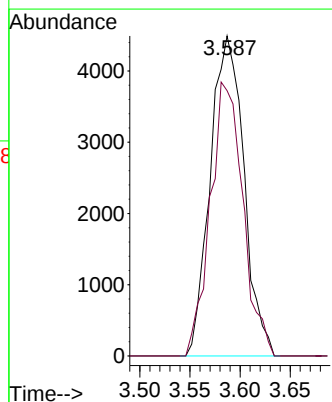
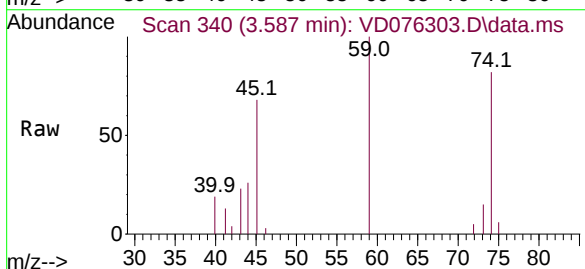
Instrument :
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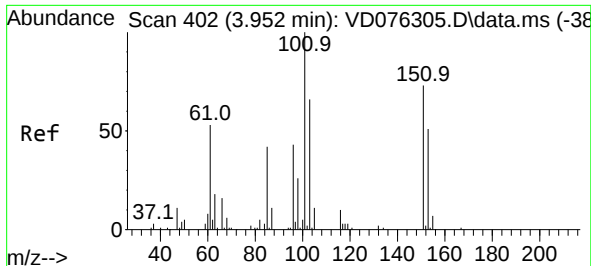
Tgt Ion:101 Resp: 34016
 Ion Ratio Lower Upper
 101 100
 103 51.6 52.3 78.5#



#8
 Diethyl Ether
 Concen: 9.601 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.006 min
 Lab File: VD076303.D
 Acq: 01 Jun 2023 18:06

Tgt Ion: 74 Resp: 10486
 Ion Ratio Lower Upper
 74 100
 45 83.0 37.5 112.7

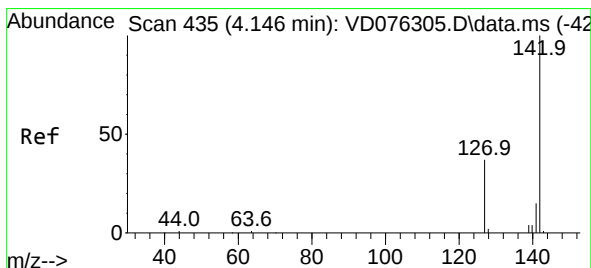
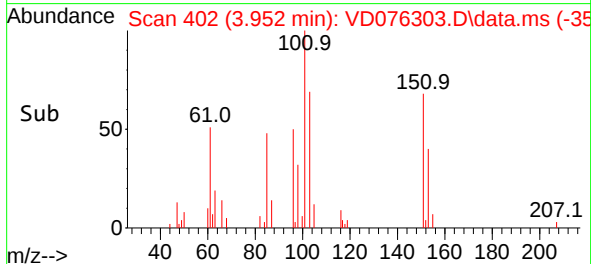
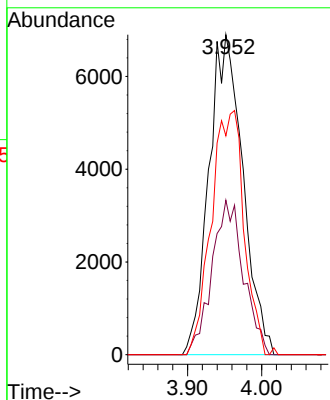
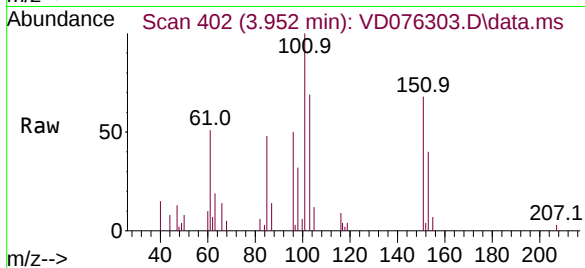




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.935 ug/l
RT: 3.952 min Scan# 402
Delta R.T. -0.000 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

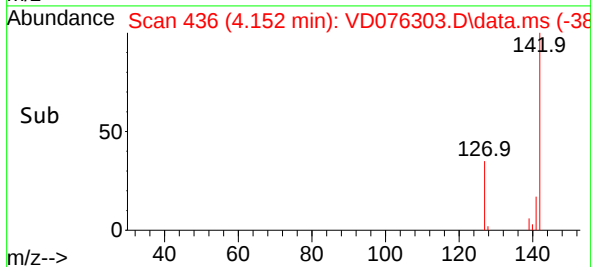
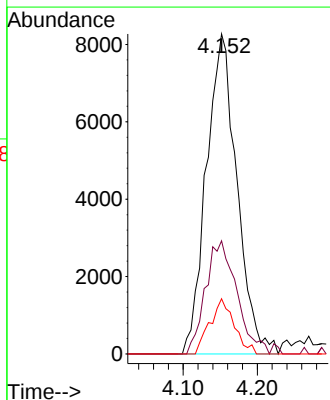
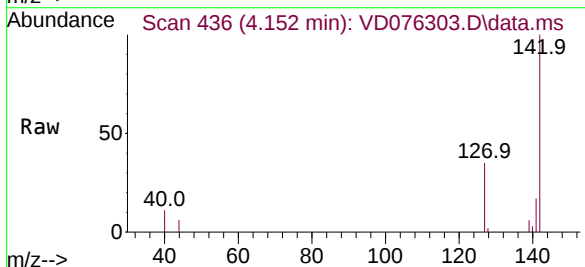
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

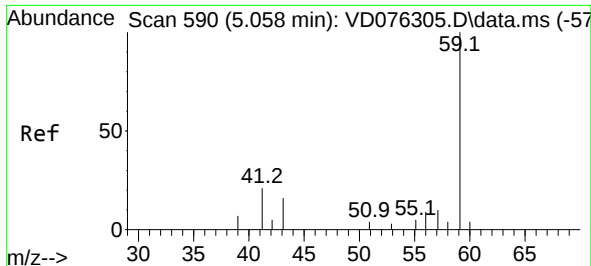
Tgt Ion:	101	Resp:	21903
Ion	Ratio	Lower	Upper
101	100		
85	45.0	33.8	50.6
151	73.5	59.8	89.6



#10
Methyl Iodide
Concen: 10.110 ug/l
RT: 4.152 min Scan# 436
Delta R.T. 0.006 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

Tgt Ion:	142	Resp:	23673
Ion	Ratio	Lower	Upper
142	100		
127	36.1	29.4	44.0
141	13.7	11.1	16.7





#11

Tert butyl alcohol

Concen: 29.255 ug/l

RT: 5.052 min Scan# 59

Delta R.T. -0.006 min

Lab File: VD076303.D

Acq: 01 Jun 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

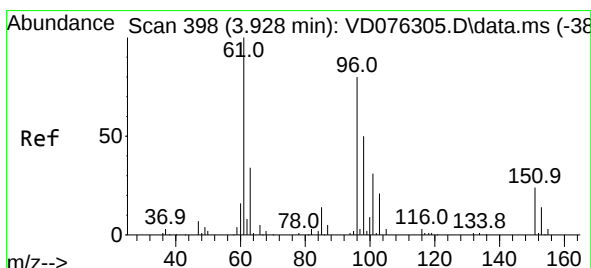
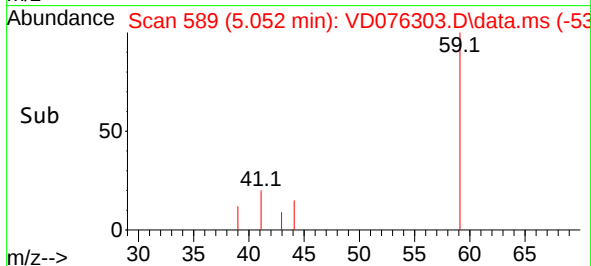
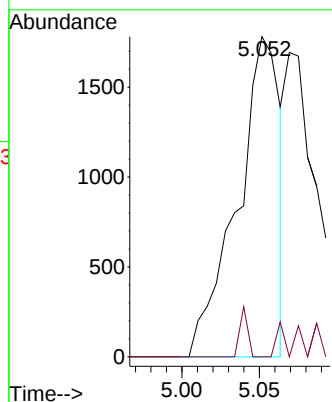
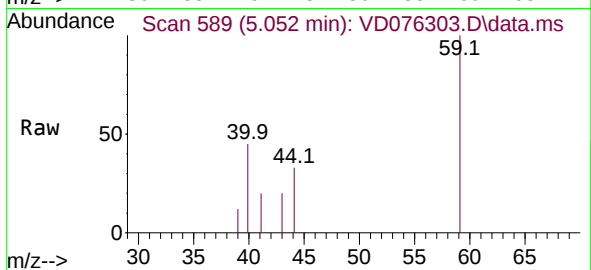
VSTDIC010

Tgt Ion: 59 Resp: 3389

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 10.329 ug/l

RT: 3.928 min Scan# 398

Delta R.T. -0.000 min

Lab File: VD076303.D

Acq: 01 Jun 2023 18:06

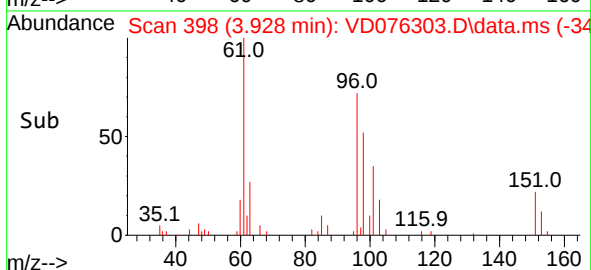
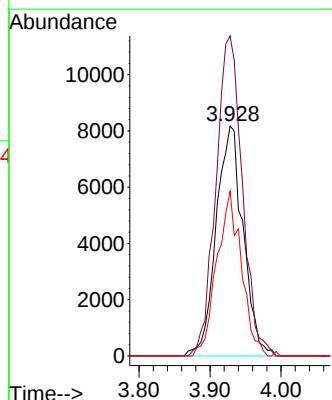
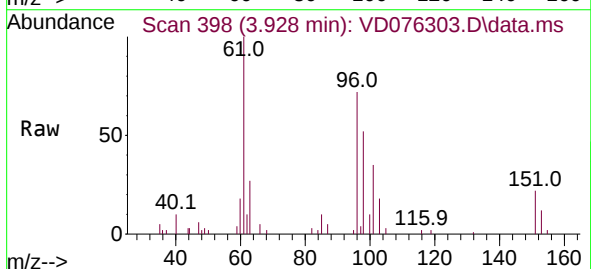
Tgt Ion: 96 Resp: 21484

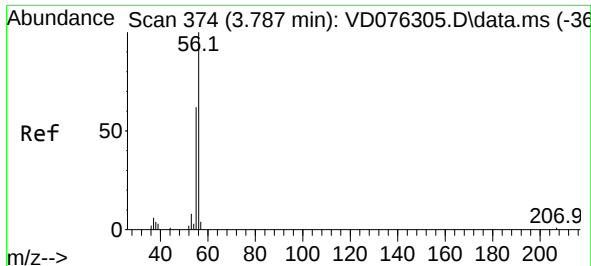
Ion Ratio Lower Upper

96 100

61 139.1 100.6 150.8

98 71.7 50.2 75.2

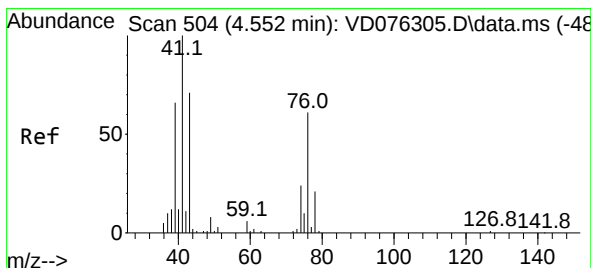
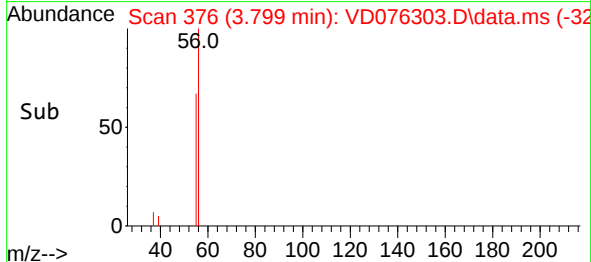
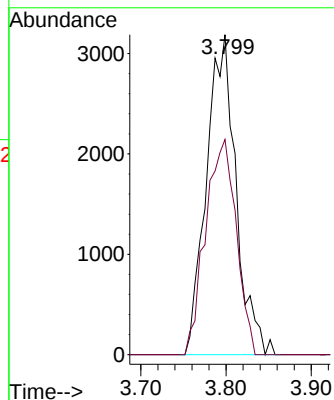
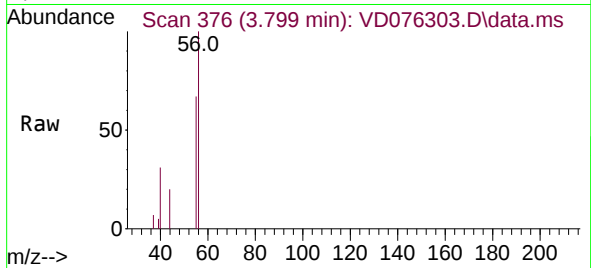




#13
Acrolein
Concen: 50.315 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.012 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

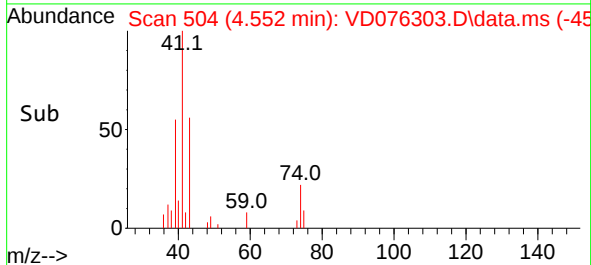
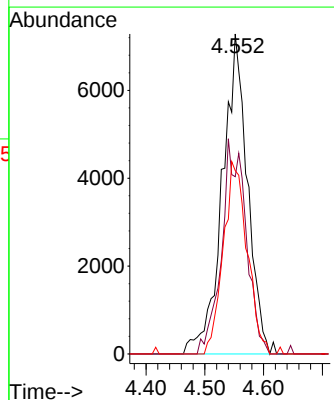
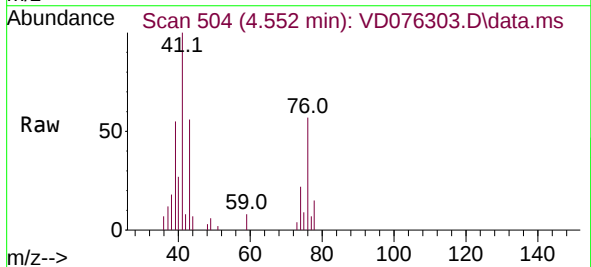
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

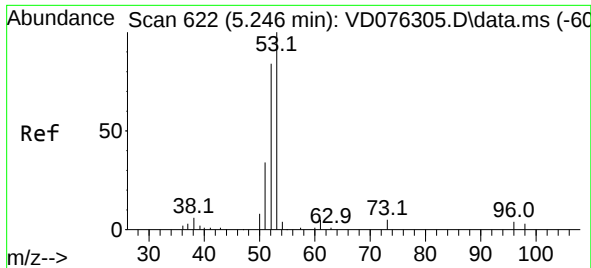
Tgt Ion: 56 Resp: 7670
Ion Ratio Lower Upper
56 100
55 69.9 55.1 82.7



#14
Allyl chloride
Concen: 10.506 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.000 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

Tgt Ion: 41 Resp: 21651
Ion Ratio Lower Upper
41 100
39 64.8 53.8 80.6
76 57.0 45.8 68.8

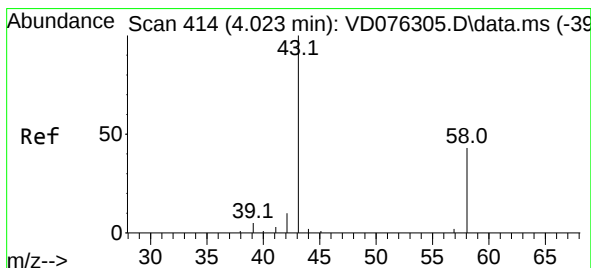
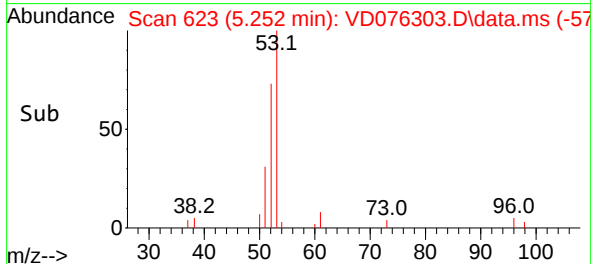
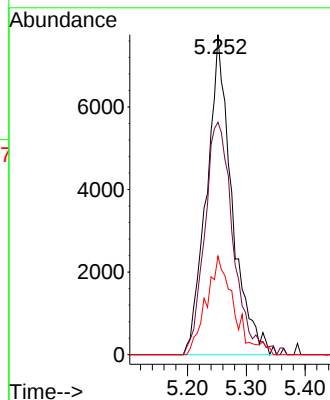
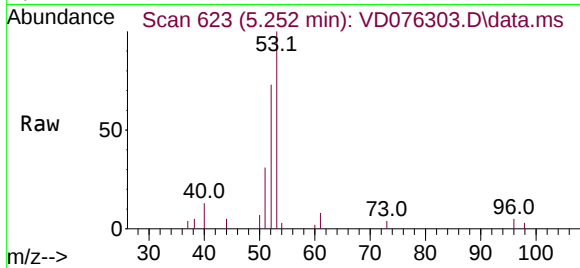




#15
Acrylonitrile
Concen: 51.285 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

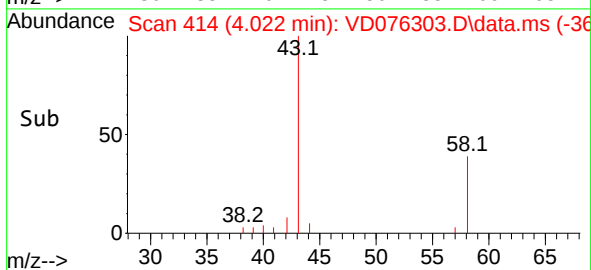
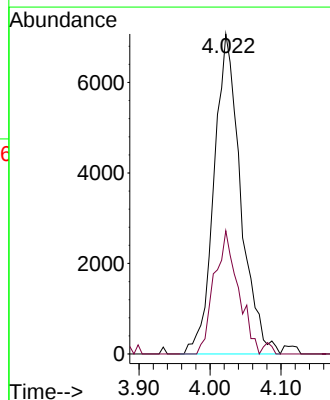
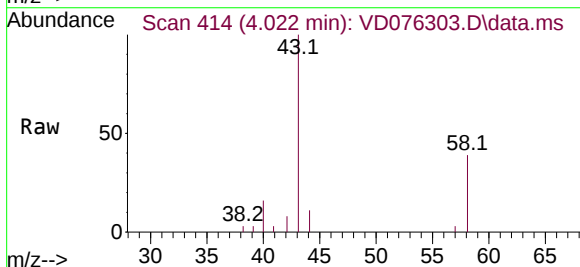
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

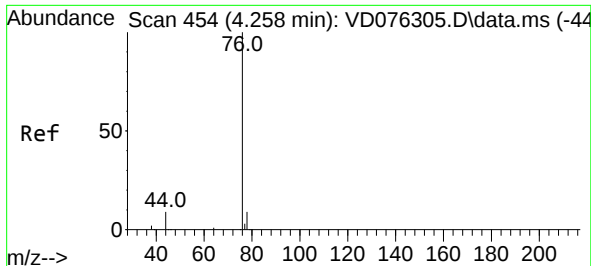
Tgt Ion: 53 Resp: 23166
Ion Ratio Lower Upper
53 100
52 81.6 65.0 97.4
51 32.6 28.3 42.5



#16
Acetone
Concen: 49.922 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.001 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

Tgt Ion: 43 Resp: 18390
Ion Ratio Lower Upper
43 100
58 38.5 34.7 52.1

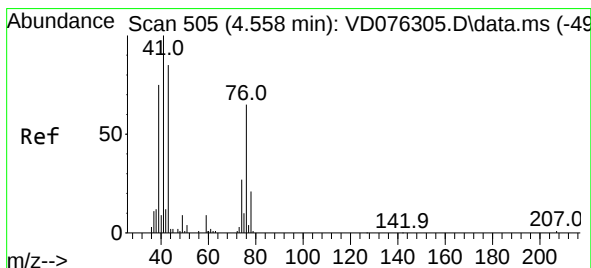
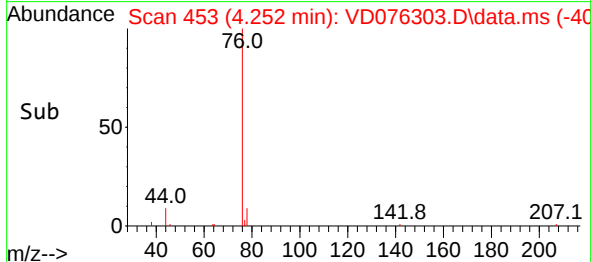
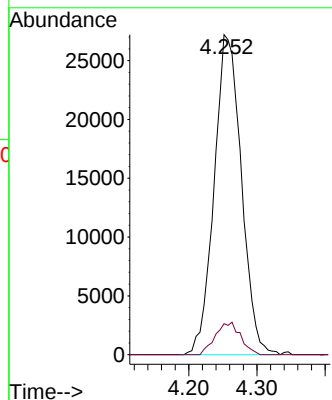
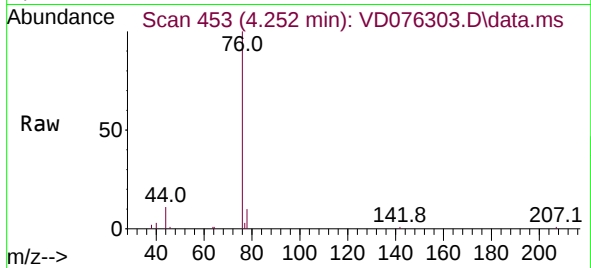




#17
Carbon Disulfide
Concen: 10.917 ug/l
RT: 4.252 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

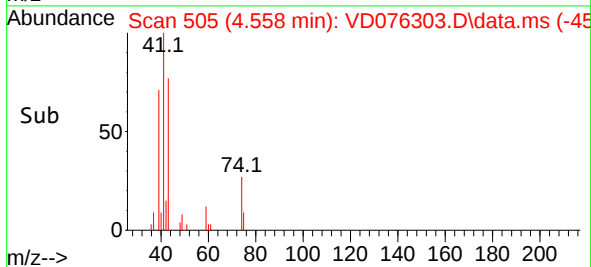
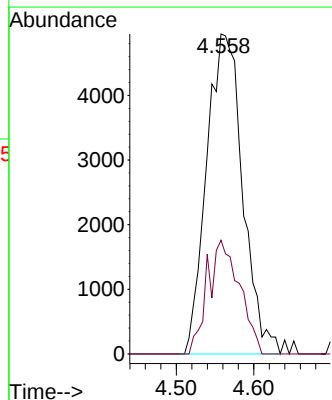
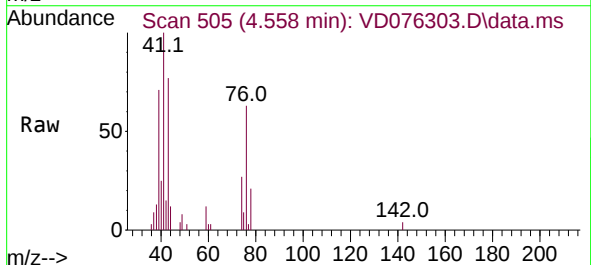
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

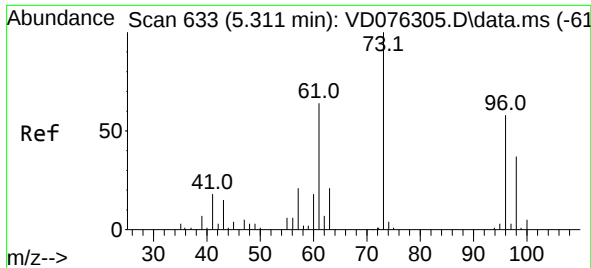
Tgt Ion: 76 Resp: 75603
Ion Ratio Lower Upper
76 100
78 9.7 6.8 10.2



#18
Methyl Acetate
Concen: 10.444 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

Tgt Ion: 43 Resp: 16007
Ion Ratio Lower Upper
43 100
74 31.6 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 9.535 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD076303.D

Acq: 01 Jun 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

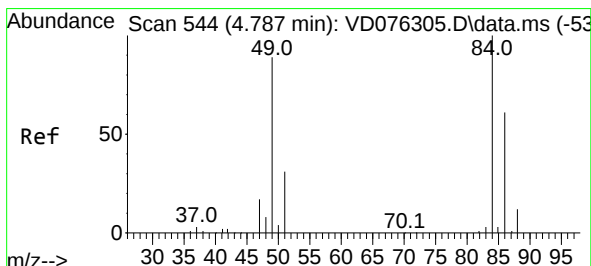
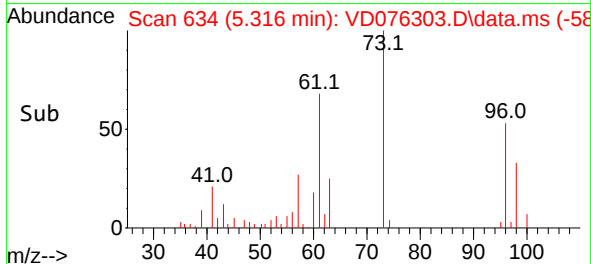
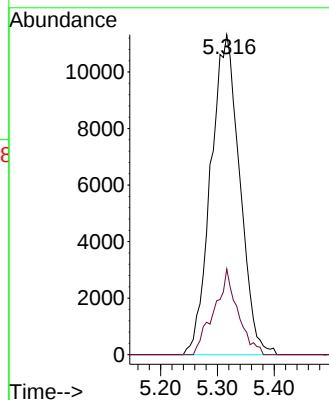
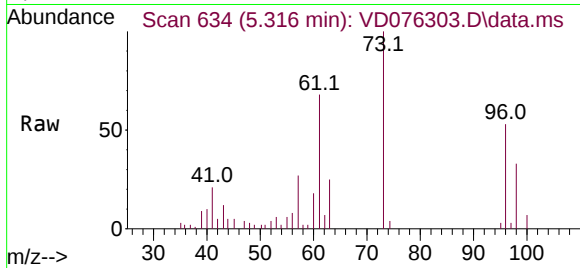
VSTDIC010

Tgt Ion: 73 Resp: 40019

Ion Ratio Lower Upper

73 100

57 26.8 16.6 25.0#



#20

Methylene Chloride

Concen: 9.246 ug/l

RT: 4.793 min Scan# 545

Delta R.T. 0.006 min

Lab File: VD076303.D

Acq: 01 Jun 2023 18:06

Tgt Ion: 84 Resp: 37630

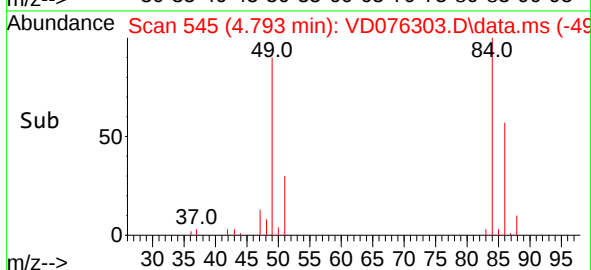
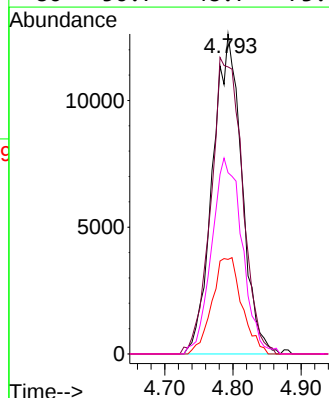
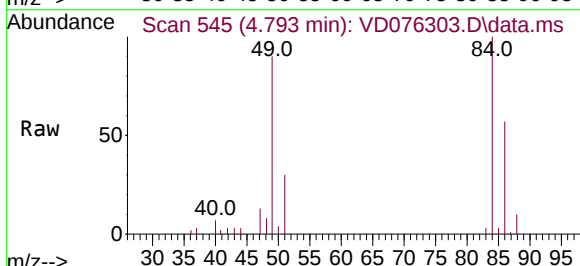
Ion Ratio Lower Upper

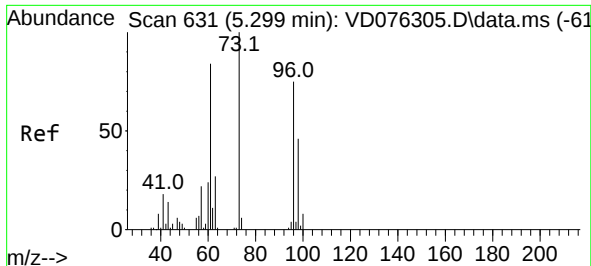
84 100

49 89.7 71.4 107.2

51 29.5 24.5 36.7

86 56.7 48.7 73.1

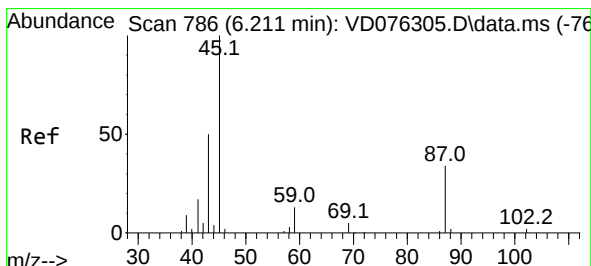
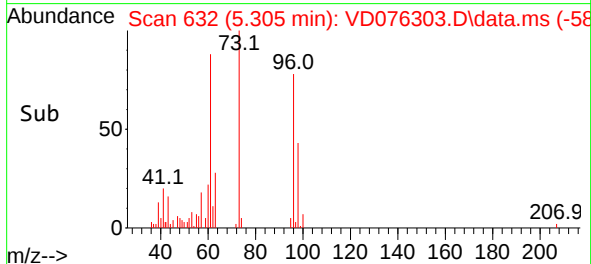
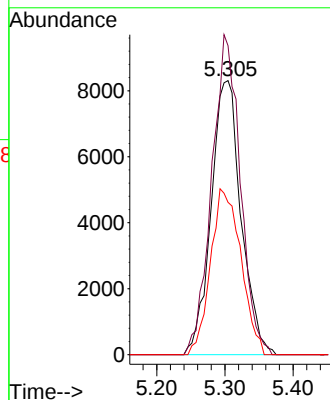
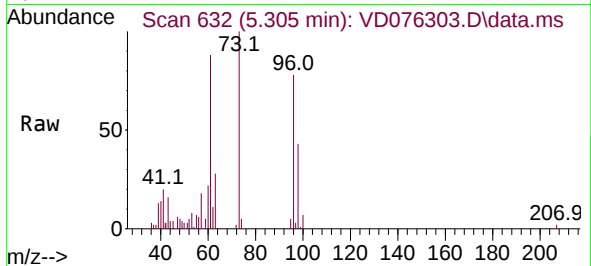




#21
trans-1,2-Dichloroethene
Concen: 10.524 ug/l
RT: 5.305 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

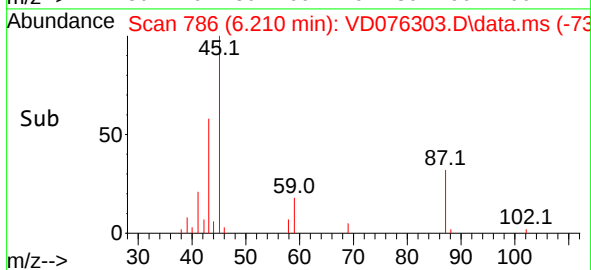
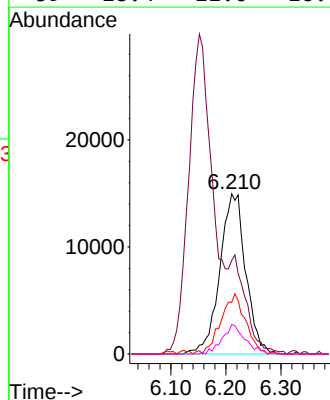
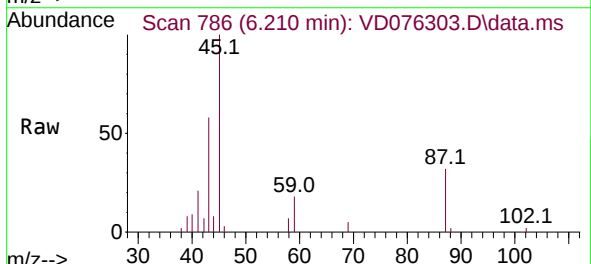
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

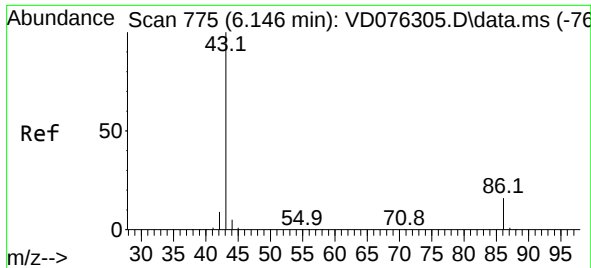
Tgt Ion: 96 Resp: 25435
Ion Ratio Lower Upper
96 100
61 112.7 89.3 133.9
98 55.6 48.6 73.0



#22
Diisopropyl ether
Concen: 10.011 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.000 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

Tgt Ion: 45 Resp: 48965
Ion Ratio Lower Upper
45 100
43 57.1 40.0 60.0
87 32.3 28.2 42.4
59 18.4 11.0 16.4#

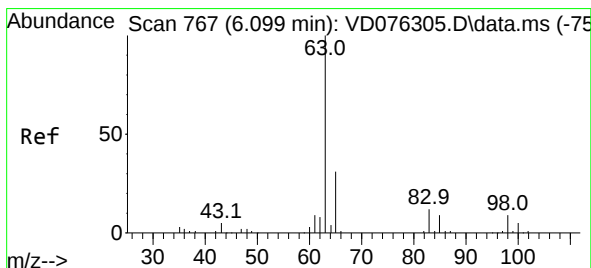
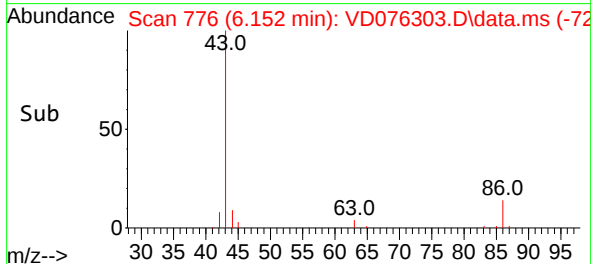
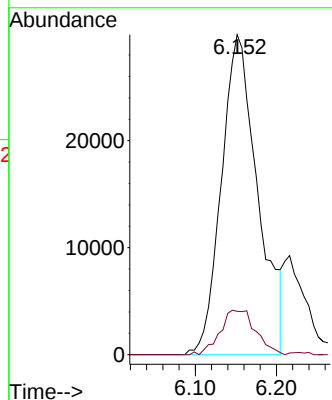
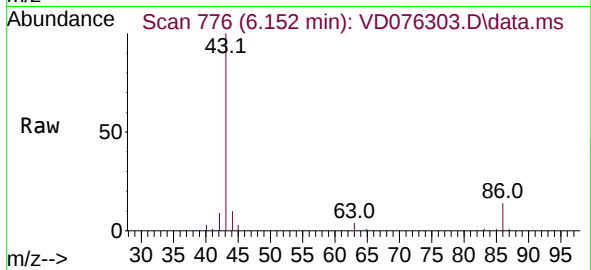




#23
 Vinyl Acetate
 Concen: 40.373 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.006 min
 Lab File: VD076303.D
 Acq: 01 Jun 2023 18:06

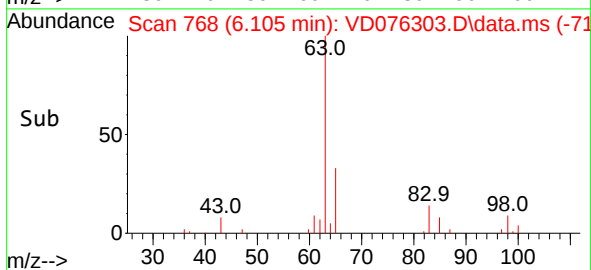
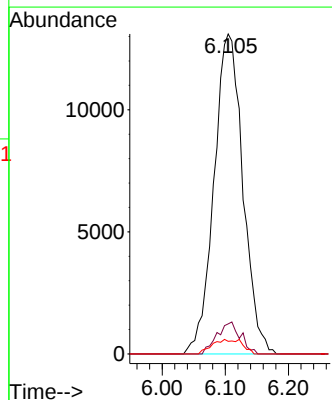
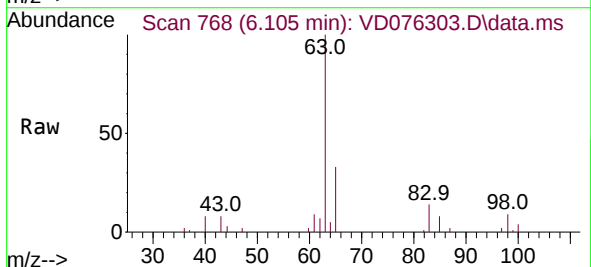
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

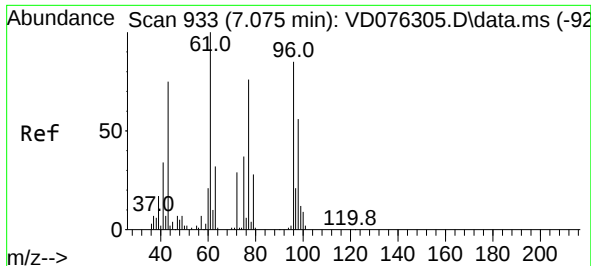
Tgt Ion: 43 Resp: 93020
 Ion Ratio Lower Upper
 43 100
 86 13.6 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 10.888 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. 0.006 min
 Lab File: VD076303.D
 Acq: 01 Jun 2023 18:06

Tgt Ion: 63 Resp: 41726
 Ion Ratio Lower Upper
 63 100
 98 9.4 4.5 13.7
 100 4.0 2.5 7.5





#25

2-Butanone

Concen: 51.702 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.012 min

Lab File: VD076303.D

Acq: 01 Jun 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

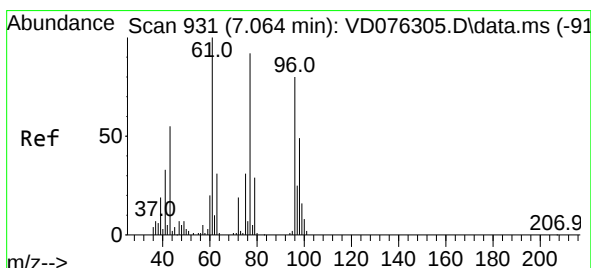
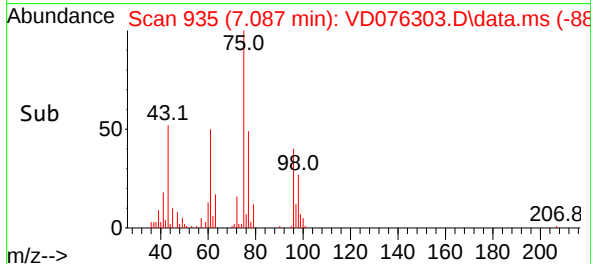
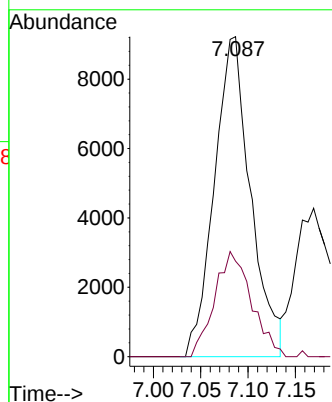
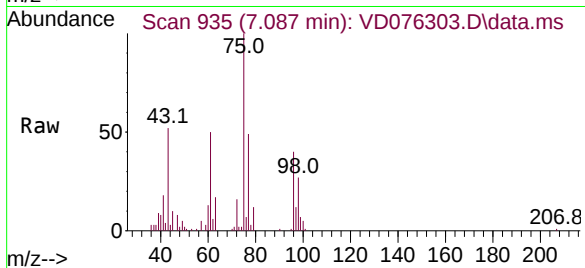
VSTDICC010

Tgt Ion: 43 Resp: 24549

Ion Ratio Lower Upper

43 100

72 29.8 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 11.234 ug/l

RT: 7.069 min Scan# 932

Delta R.T. 0.006 min

Lab File: VD076303.D

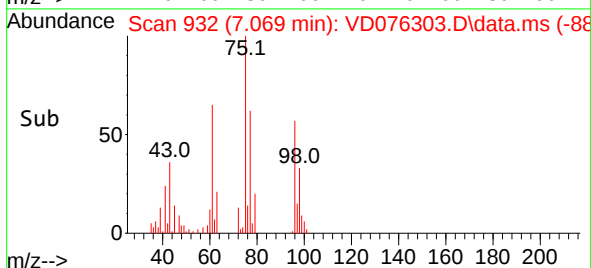
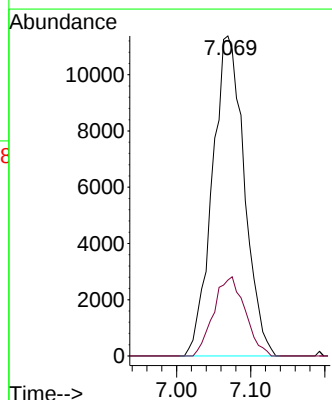
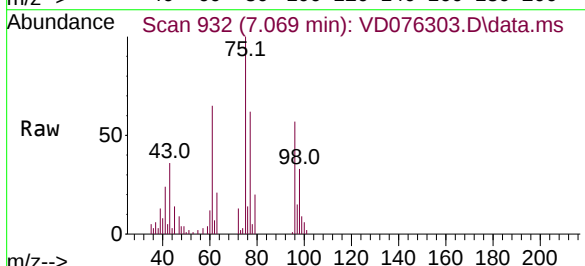
Acq: 01 Jun 2023 18:06

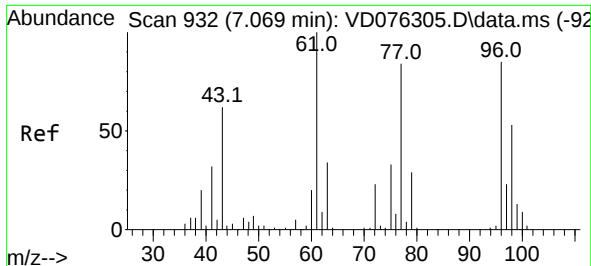
Tgt Ion: 77 Resp: 34017

Ion Ratio Lower Upper

77 100

97 24.3 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 10.310 ug/l

RT: 7.069 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD076303.D

Acq: 01 Jun 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

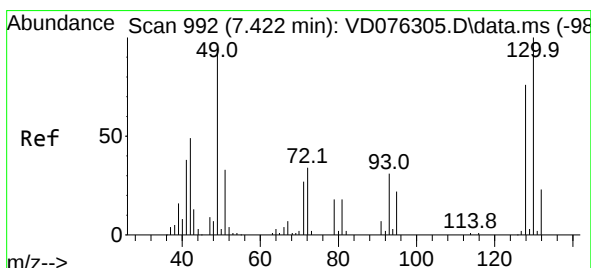
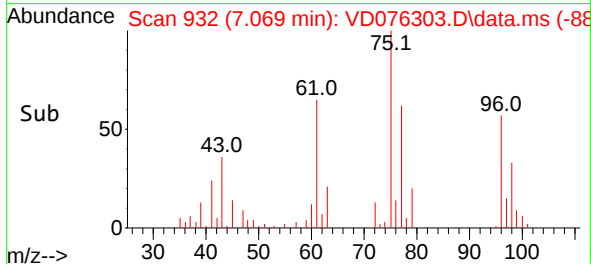
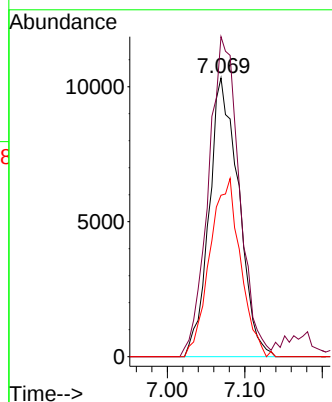
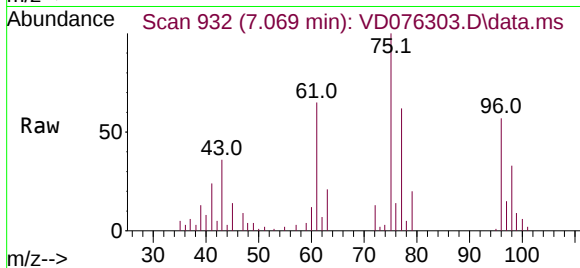
Tgt Ion: 96 Resp: 27302

Ion Ratio Lower Upper

96 100

61 120.6 0.0 239.2

98 66.4 0.0 128.6



#28

Bromochloromethane

Concen: 12.065 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.000 min

Lab File: VD076303.D

Acq: 01 Jun 2023 18:06

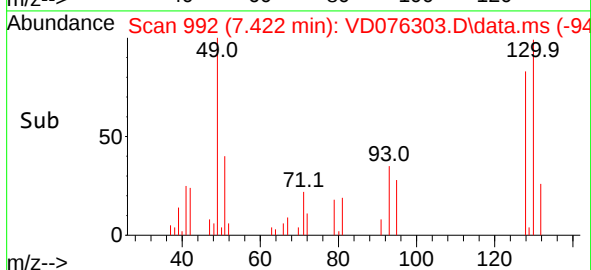
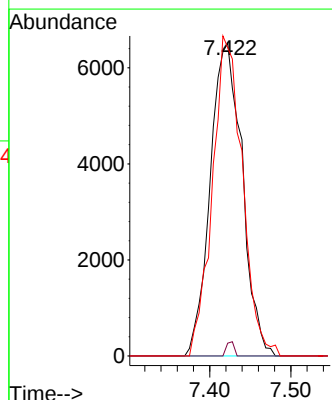
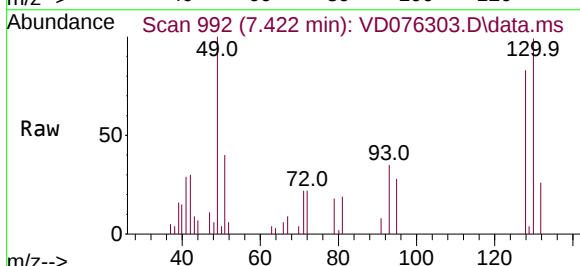
Tgt Ion: 49 Resp: 17790

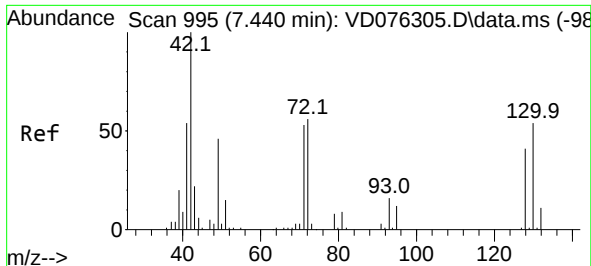
Ion Ratio Lower Upper

49 100

129 1.1 0.0 6.0

130 95.8 83.2 124.8





#29

Tetrahydrofuran

Concen: 47.391 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.000 min

Lab File: VD076303.D

Acq: 01 Jun 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

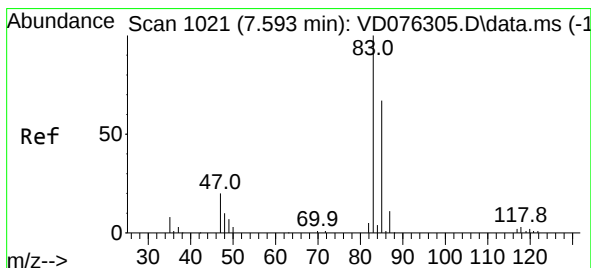
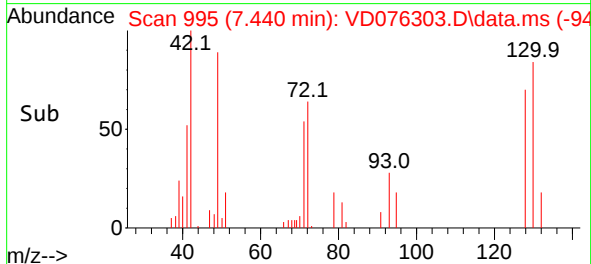
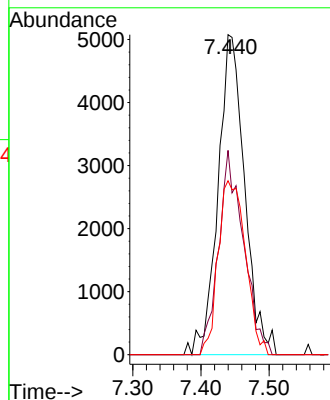
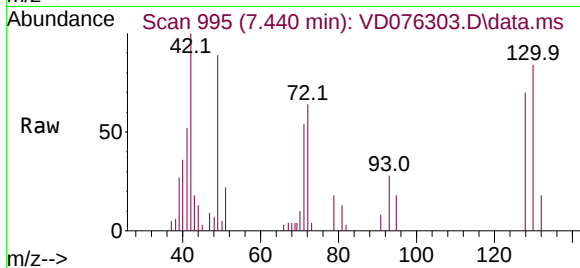
Tgt Ion: 42 Resp: 13827

Ion Ratio Lower Upper

42 100

72 59.7 46.5 69.7

71 55.7 44.5 66.7



#30

Chloroform

Concen: 10.832 ug/l

RT: 7.587 min Scan# 1020

Delta R.T. -0.006 min

Lab File: VD076303.D

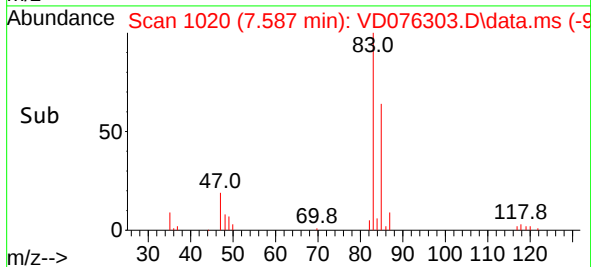
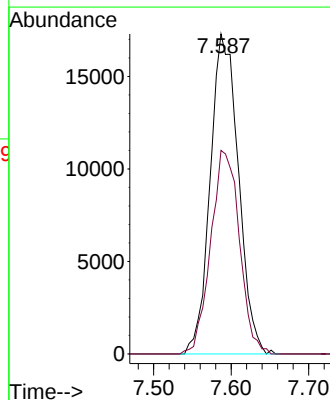
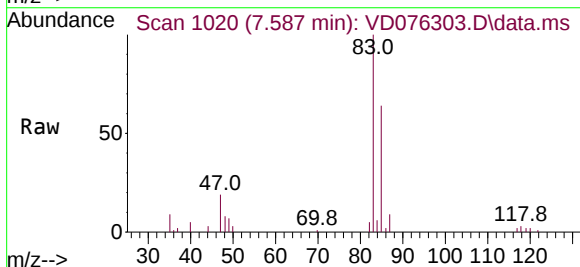
Acq: 01 Jun 2023 18:06

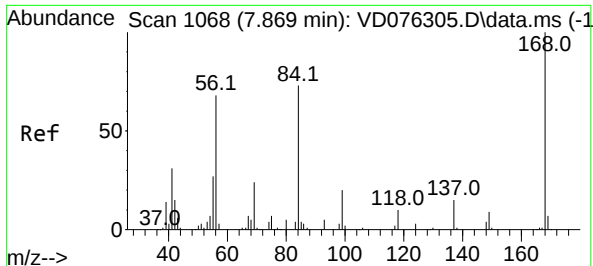
Tgt Ion: 83 Resp: 43673

Ion Ratio Lower Upper

83 100

85 63.6 53.4 80.2

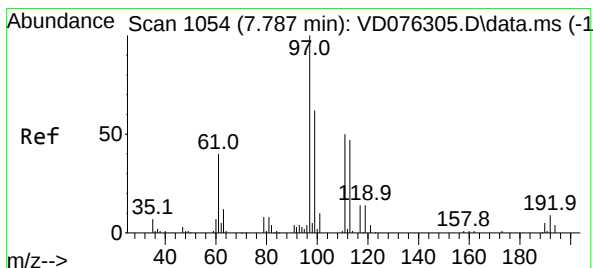
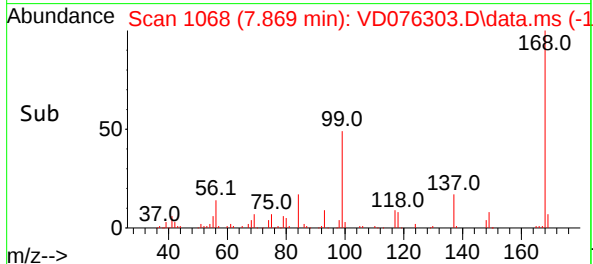
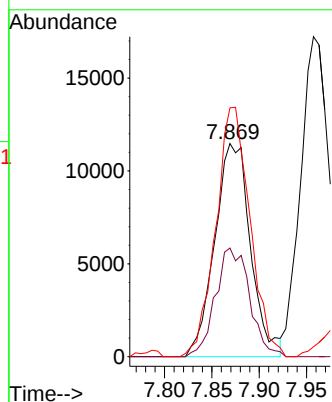
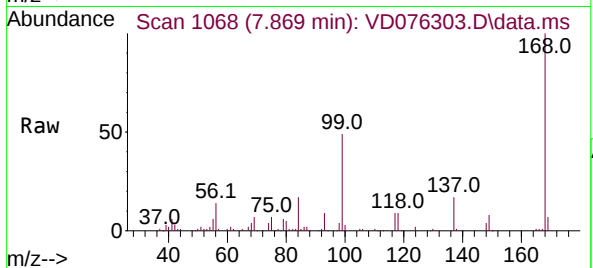




#31
Cyclohexane
Concen: 10.769 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

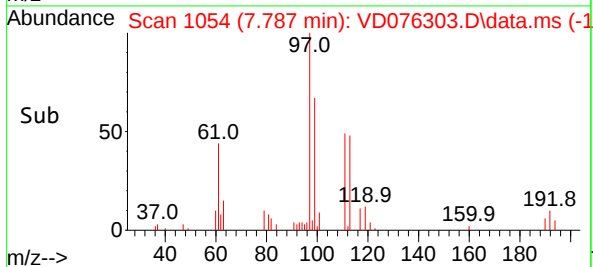
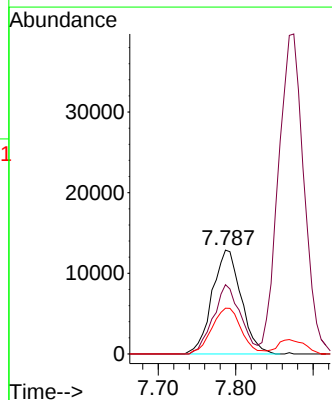
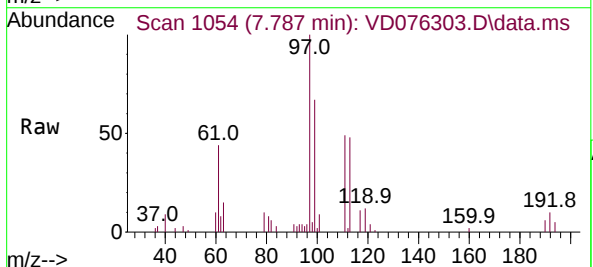
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

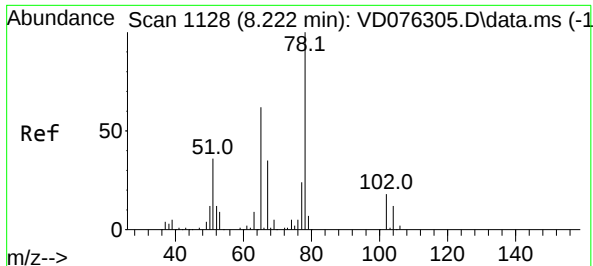
Tgt Ion: 56 Resp: 30164
Ion Ratio Lower Upper
56 100
69 51.0 28.6 43.0#
84 116.8 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 10.636 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

Tgt Ion: 97 Resp: 33508
Ion Ratio Lower Upper
97 100
99 62.9 52.0 78.0
61 45.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 11.271 ug/l

RT: 8.222 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VD076303.D

Acq: 01 Jun 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

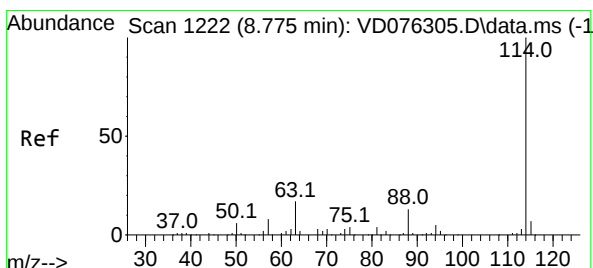
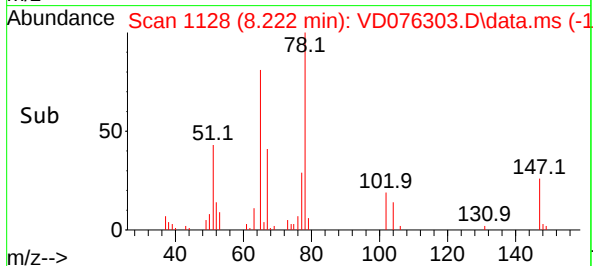
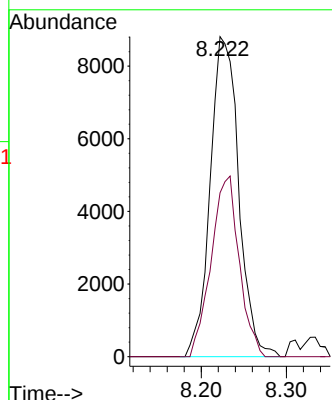
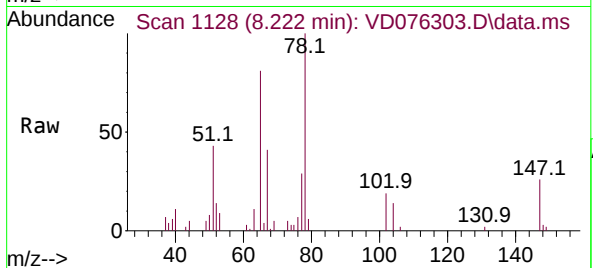
VSTDICC010

Tgt Ion: 65 Resp: 20510

Ion Ratio Lower Upper

65 100

67 55.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076303.D

Acq: 01 Jun 2023 18:06

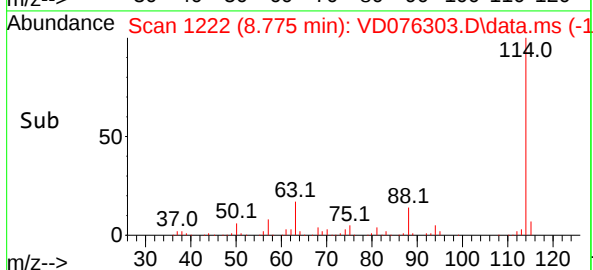
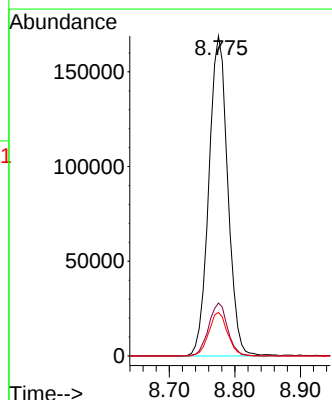
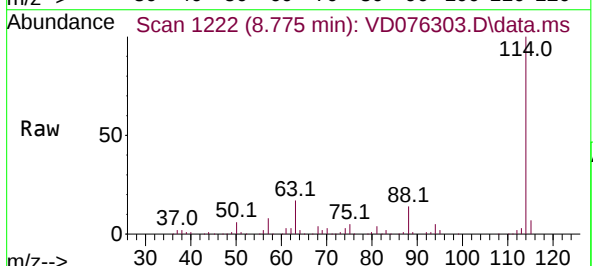
Tgt Ion: 114 Resp: 338655

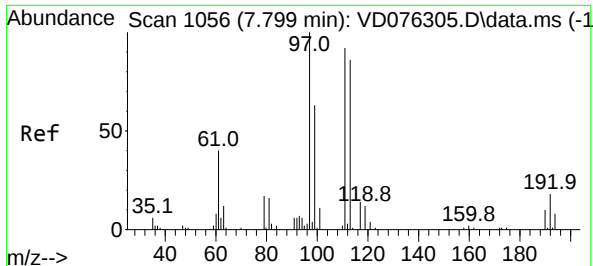
Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.4

88 13.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 10.055 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VD076303.D

Acq: 01 Jun 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

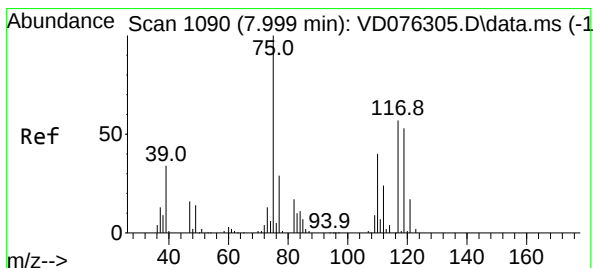
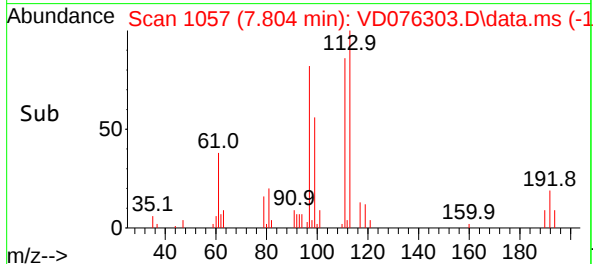
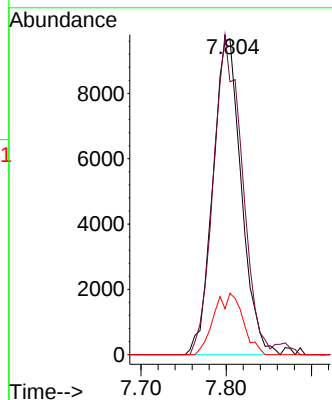
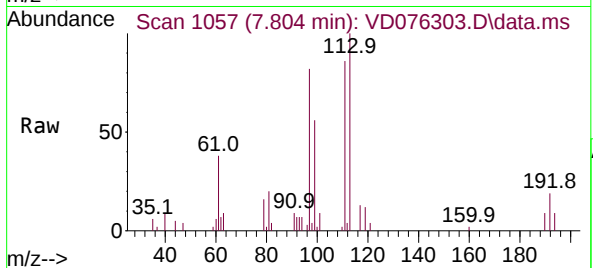
Tgt Ion:113 Resp: 22477

Ion Ratio Lower Upper

113 100

111 102.0 84.7 127.1

192 19.9 16.8 25.2



#36

1,1-Dichloropropene

Concen: 9.939 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.012 min

Lab File: VD076303.D

Acq: 01 Jun 2023 18:06

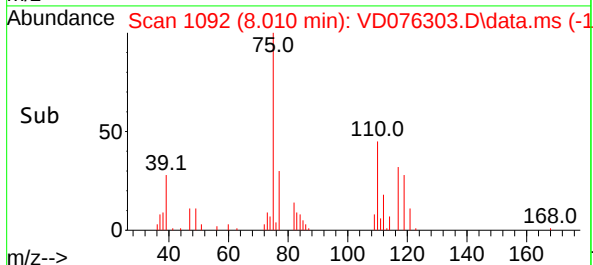
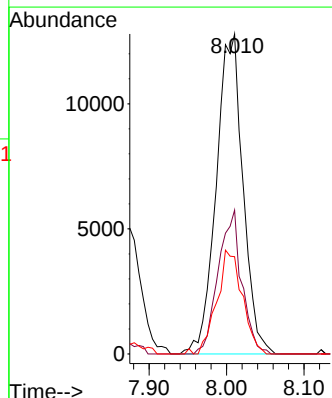
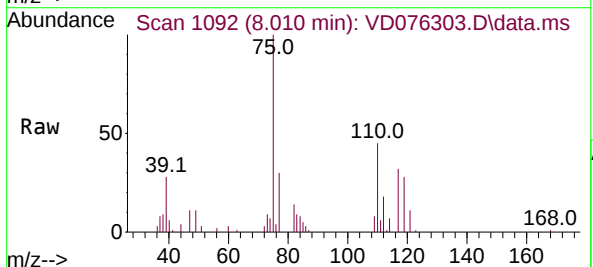
Tgt Ion: 75 Resp: 30725

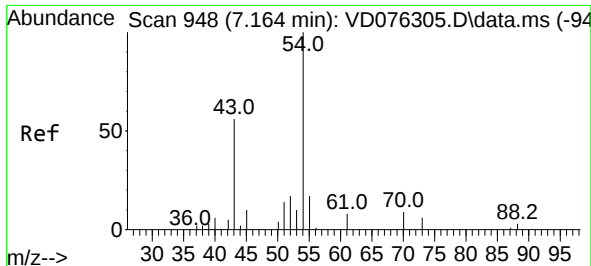
Ion Ratio Lower Upper

75 100

110 39.5 19.9 59.6

77 30.7 24.7 37.1





#37

Ethyl Acetate

Concen: 10.089 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

Lab File: VD076303.D

Acq: 01 Jun 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

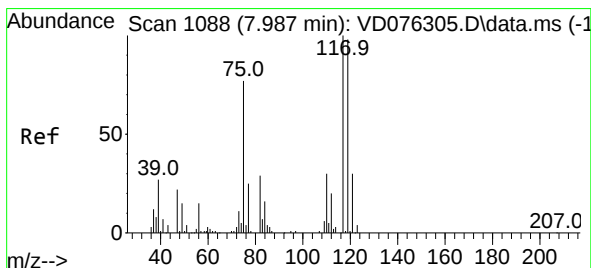
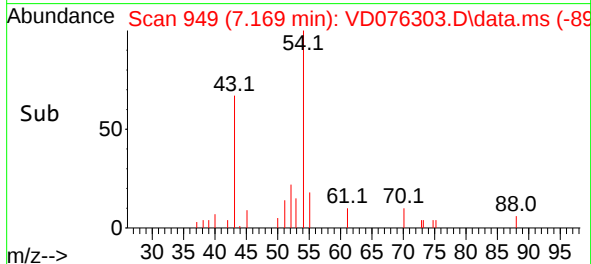
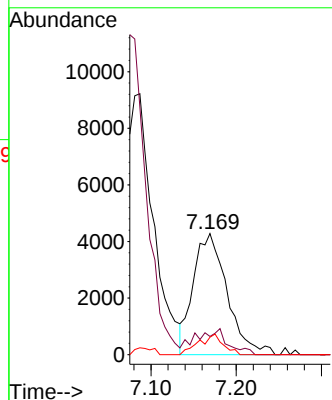
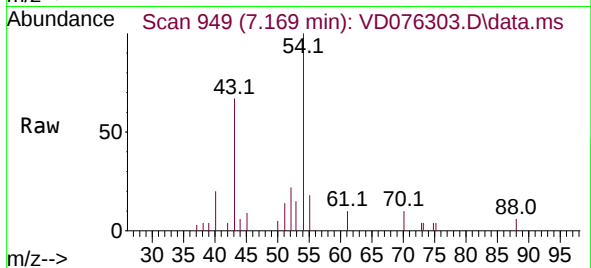
Tgt Ion: 43 Resp: 11827

Ion Ratio Lower Upper

43 100

61 20.3 14.9 22.3

70 12.2 10.0 15.0



#38

Carbon Tetrachloride

Concen: 9.751 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD076303.D

Acq: 01 Jun 2023 18:06

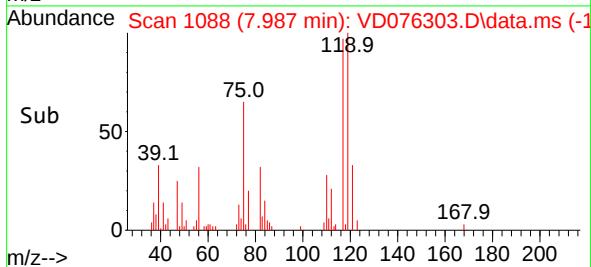
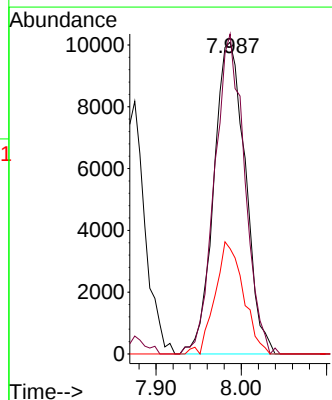
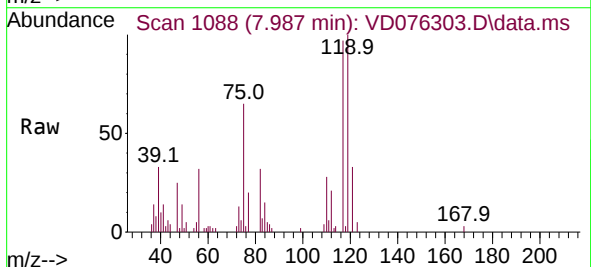
Tgt Ion: 117 Resp: 25959

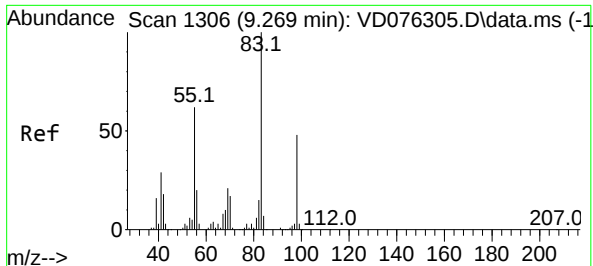
Ion Ratio Lower Upper

117 100

119 102.7 78.0 117.0

121 33.8 24.2 36.2





#39

Methylcyclohexane

Concen: 9.213 ug/l

RT: 9.275 min Scan# 1137

Delta R.T. 0.006 min

Lab File: VD076303.D

Acq: 01 Jun 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

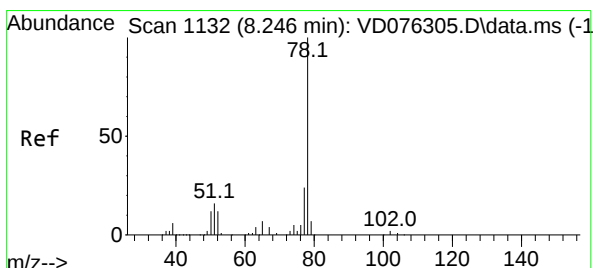
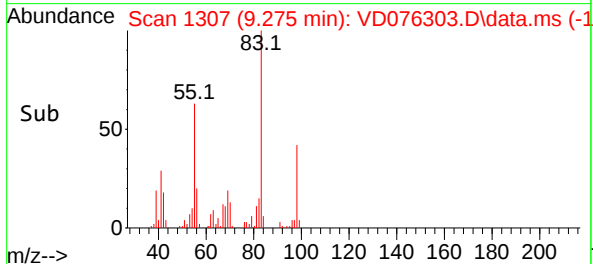
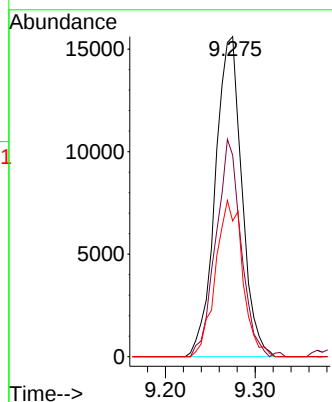
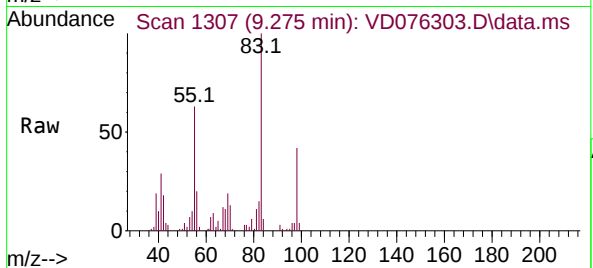
Tgt Ion: 83 Resp: 32093

Ion Ratio Lower Upper

83 100

55 63.0 49.4 74.0

98 42.4 38.4 57.6



#40

Benzene

Concen: 9.882 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VD076303.D

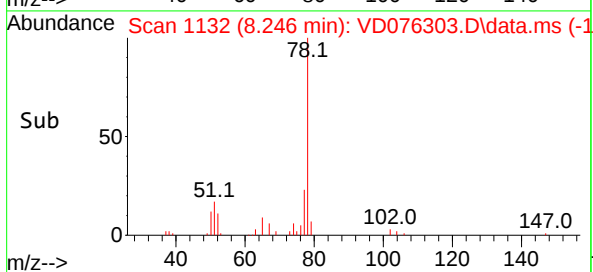
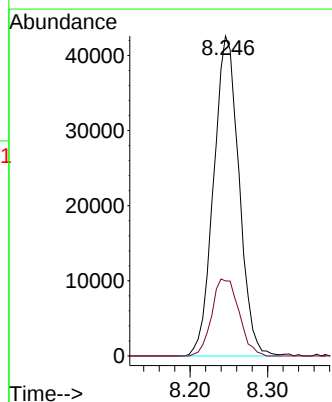
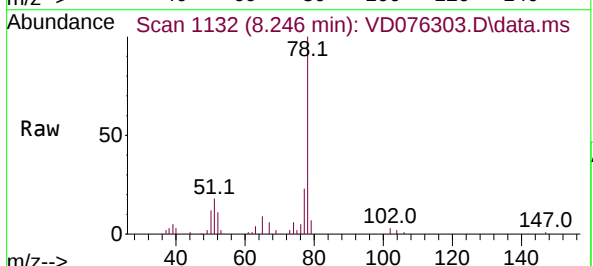
Acq: 01 Jun 2023 18:06

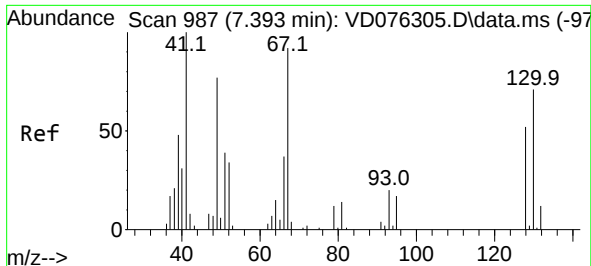
Tgt Ion: 78 Resp: 96968

Ion Ratio Lower Upper

78 100

77 23.5 19.4 29.0



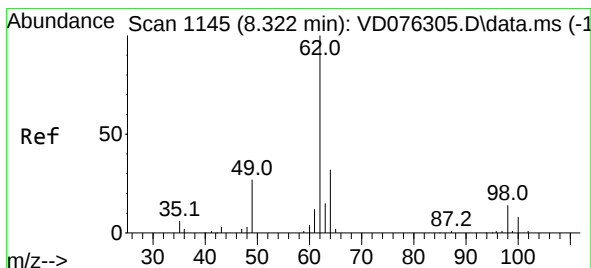
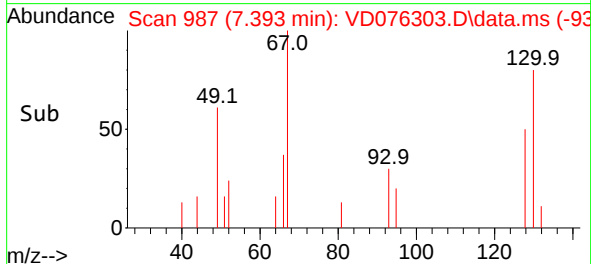
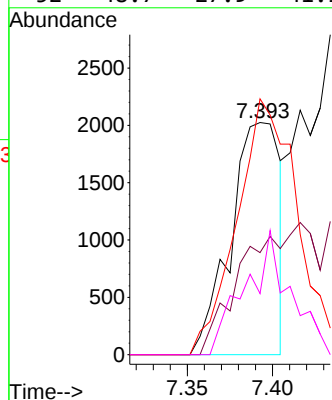
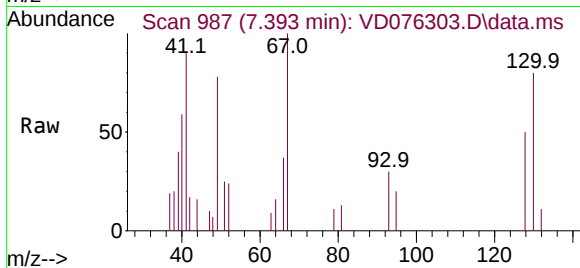


#41
Methacrylonitrile
Concen: 6.882 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 41 Resp: 4070

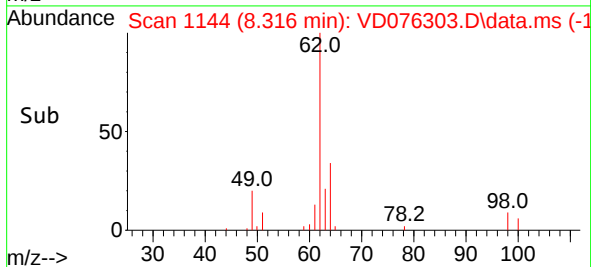
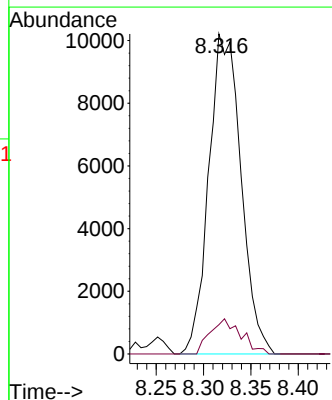
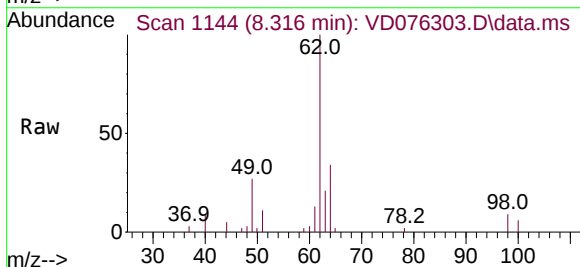
Ion	Ratio	Lower	Upper
41	100		
39	0.0	34.0	51.0#
67	138.2	77.0	115.4#
52	48.7	27.9	41.9#

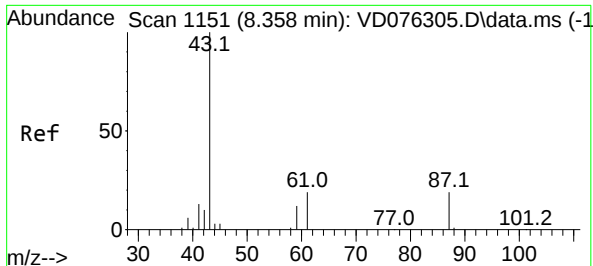


#42
1,2-Dichloroethane
Concen: 10.131 ug/l
RT: 8.316 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

Tgt Ion: 62 Resp: 24159

Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	25.4





#43

Isopropyl Acetate

Concen: 9.396 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.006 min

Lab File: VD076303.D

Acq: 01 Jun 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

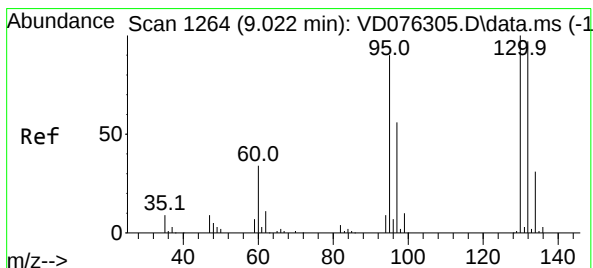
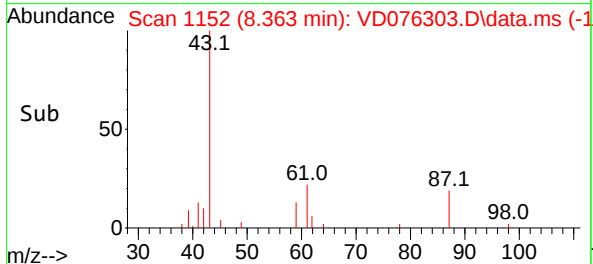
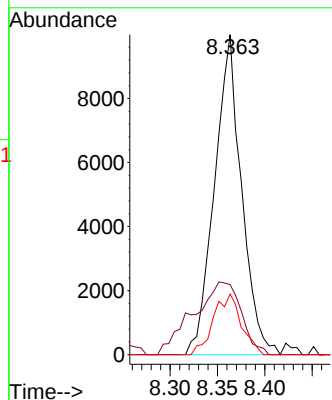
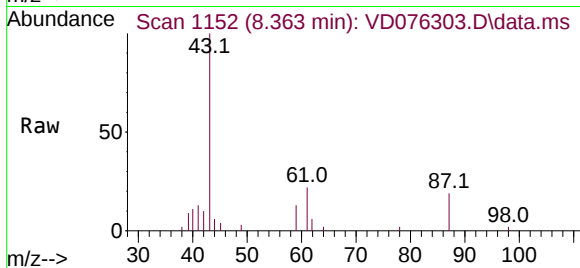
Tgt Ion: 43 Resp: 19833

Ion Ratio Lower Upper

43 100

61 40.2 31.4 47.0

87 19.6 14.9 22.3



#44

Trichloroethene

Concen: 9.710 ug/l

RT: 9.022 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VD076303.D

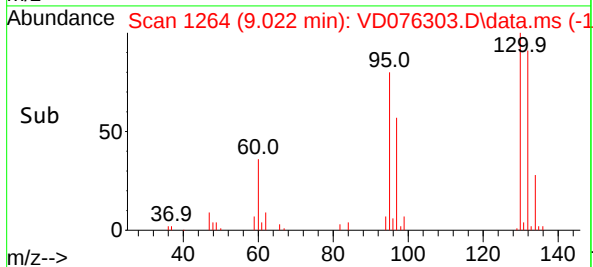
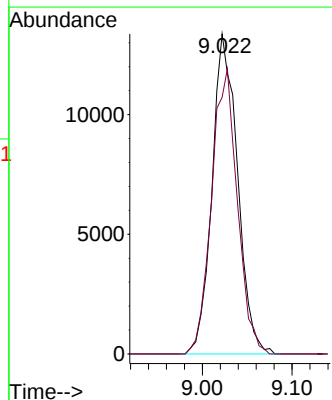
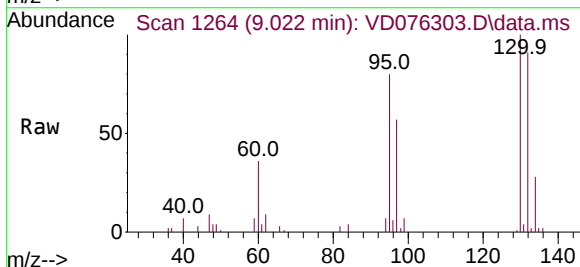
Acq: 01 Jun 2023 18:06

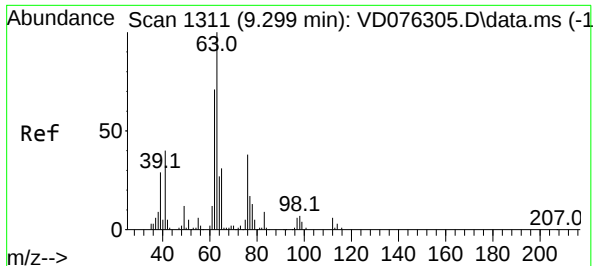
Tgt Ion: 130 Resp: 26329

Ion Ratio Lower Upper

130 100

95 80.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 9.973 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076303.D

Acq: 01 Jun 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

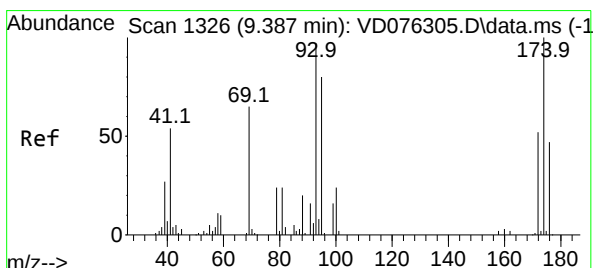
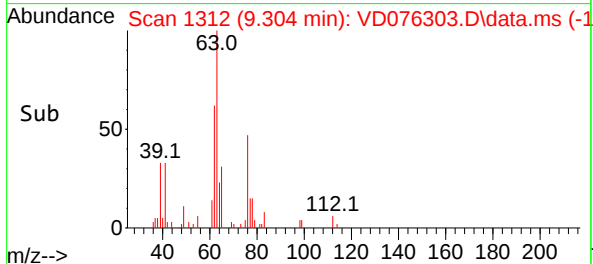
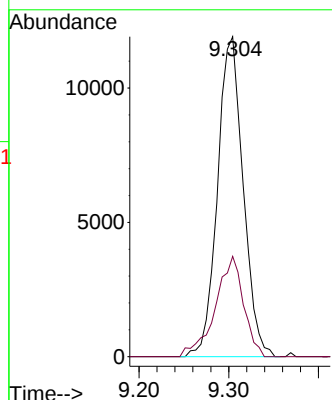
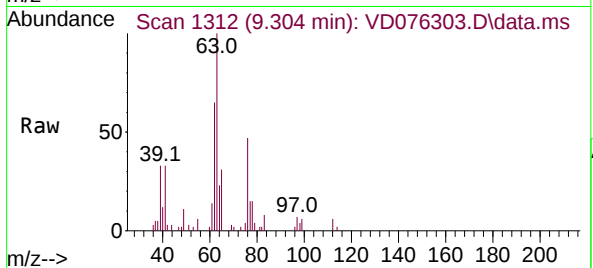
VSTDIC010

Tgt Ion: 63 Resp: 23621

Ion Ratio Lower Upper

63 100

65 31.3 24.5 36.7



#46

Dibromomethane

Concen: 10.137 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.006 min

Lab File: VD076303.D

Acq: 01 Jun 2023 18:06

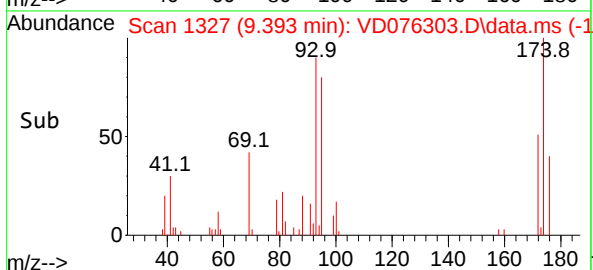
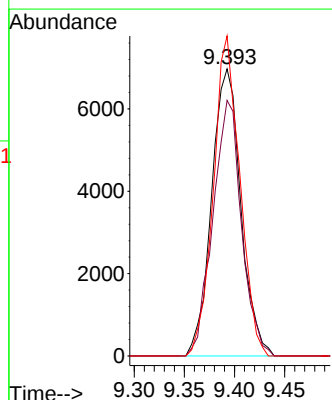
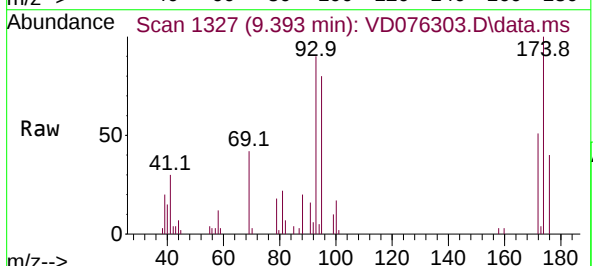
Tgt Ion: 93 Resp: 14090

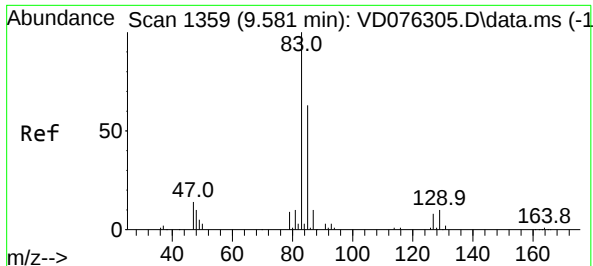
Ion Ratio Lower Upper

93 100

95 87.2 67.7 101.5

174 101.2 85.4 128.2

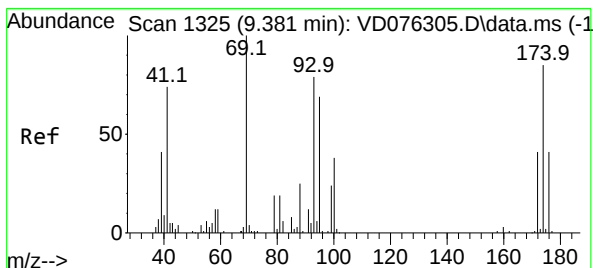
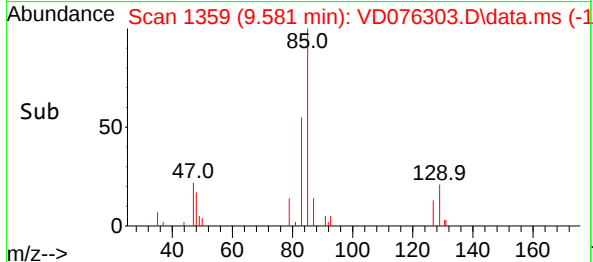
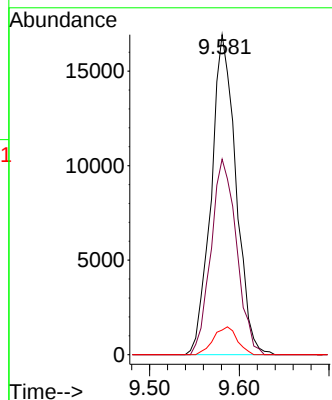
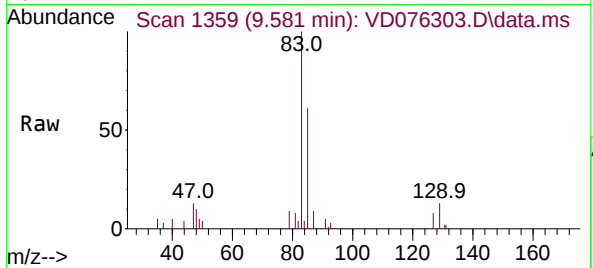




#47
Bromodichloromethane
Concen: 9.997 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

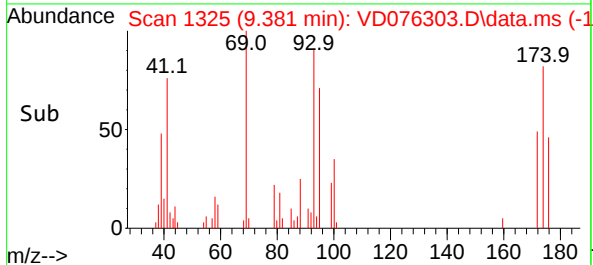
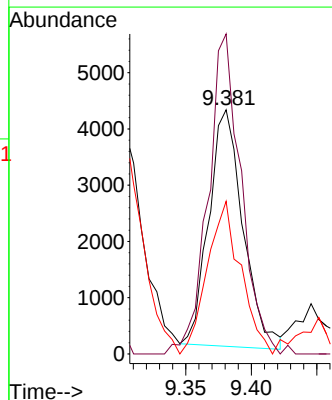
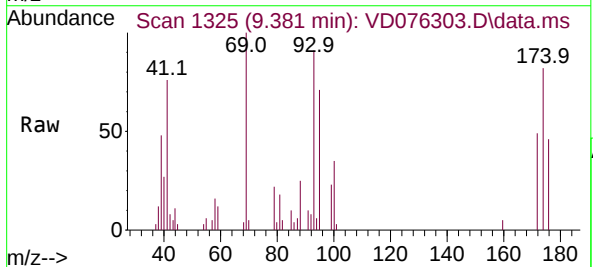
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

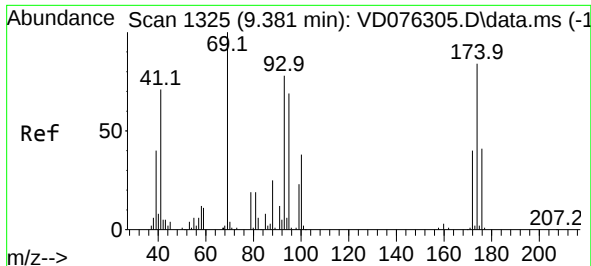
Tgt Ion: 83 Resp: 32554
Ion Ratio Lower Upper
83 100
85 61.1 50.2 75.4
127 7.7 6.3 9.5



#48
Methyl methacrylate
Concen: 8.389 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

Tgt Ion: 41 Resp: 7602
Ion Ratio Lower Upper
41 100
69 131.3 102.2 153.2
39 63.2 41.4 62.2#





#49

1,4-Dioxane

Concen: 177.732 ug/l

RT: 9.393 min Scan# 11

Delta R.T. 0.012 min

Lab File: VD076303.D

Acq: 01 Jun 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

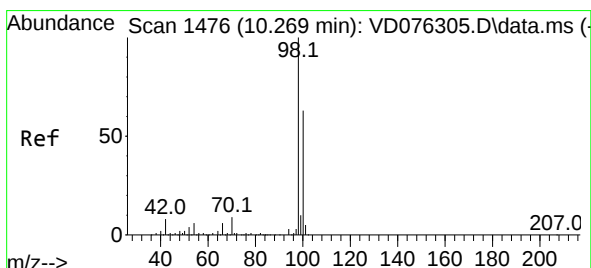
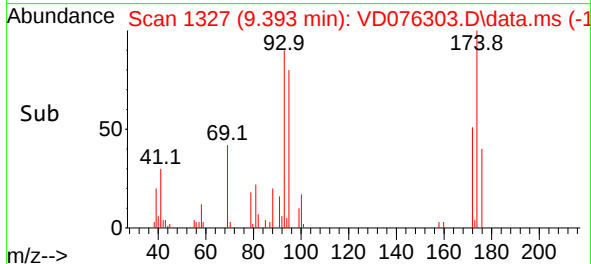
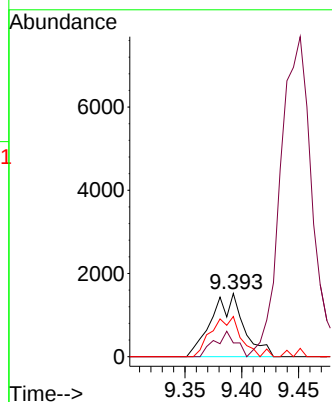
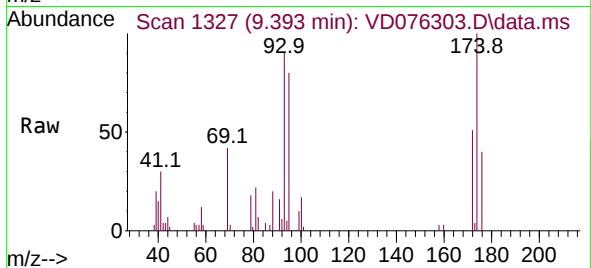
Tgt Ion: 88 Resp: 2991

Ion Ratio Lower Upper

88 100

43 26.1 19.0 28.6

58 59.4 43.5 65.3



#50

Toluene-d8

Concen: 9.973 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VD076303.D

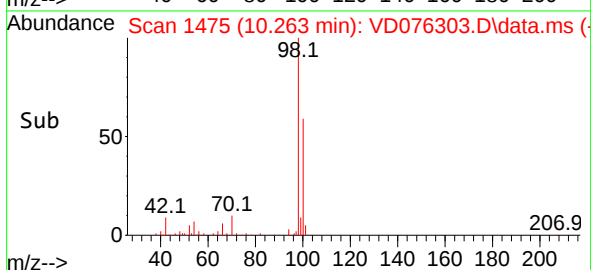
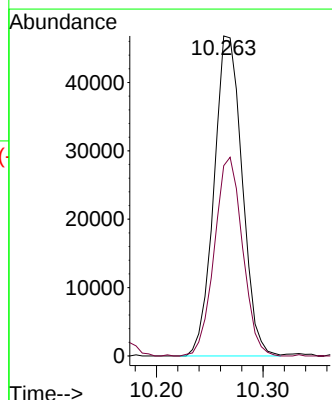
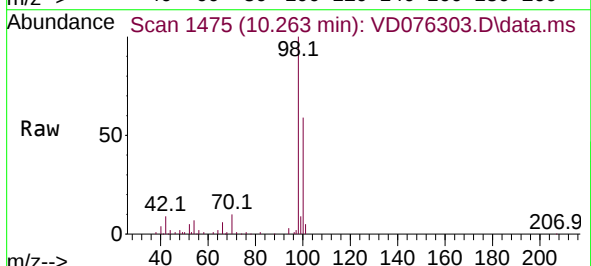
Acq: 01 Jun 2023 18:06

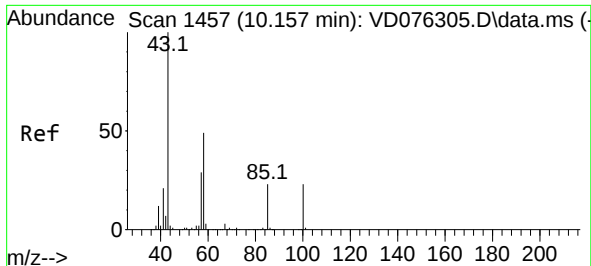
Tgt Ion: 98 Resp: 85960

Ion Ratio Lower Upper

98 100

100 62.0 50.3 75.5

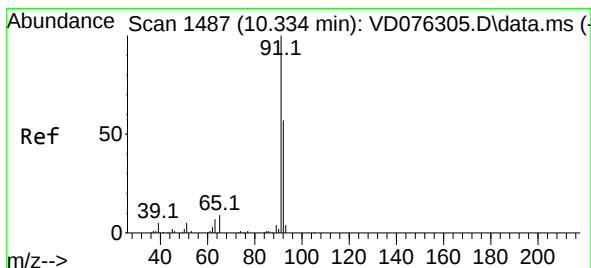
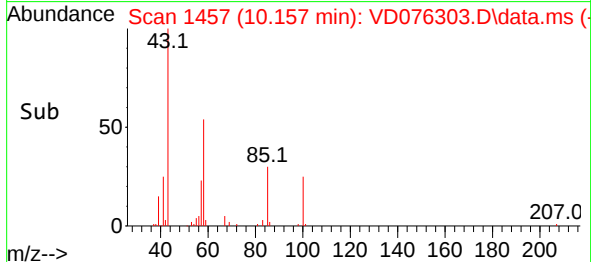
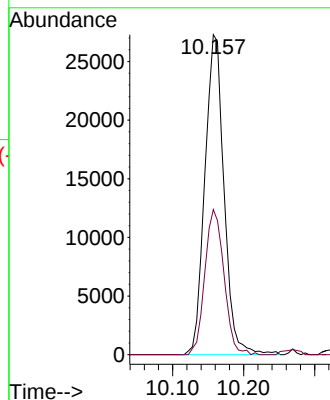
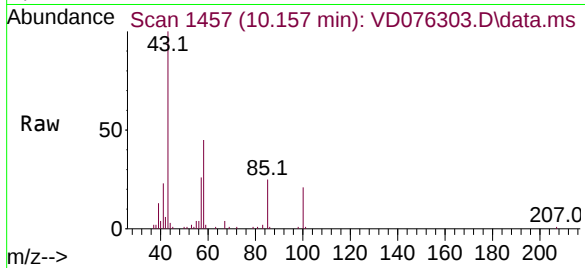




#51
4-Methyl-2-Pentanone
Concen: 45.899 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

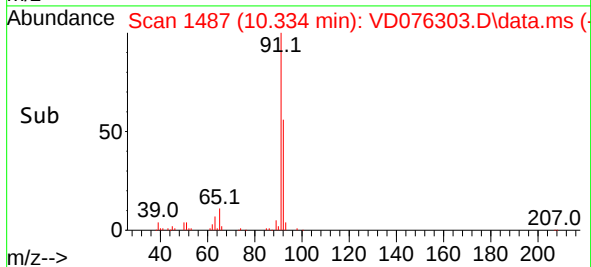
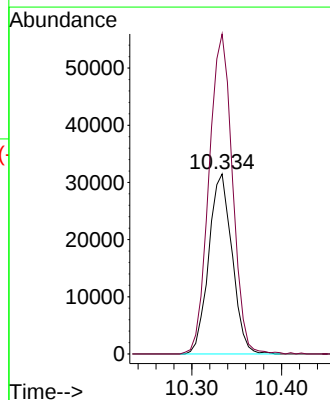
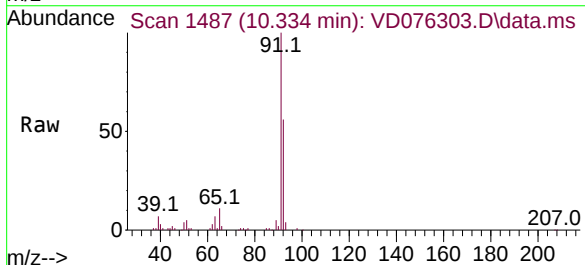
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

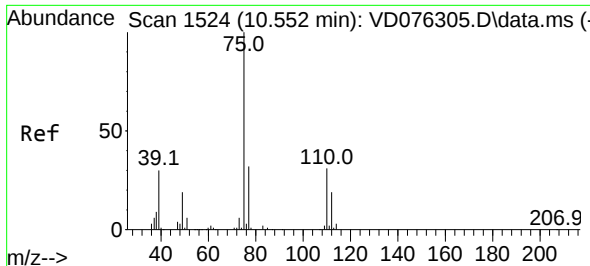
Tgt Ion: 43 Resp: 51255
Ion Ratio Lower Upper
43 100
58 45.3 38.9 58.3



#52
Toluene
Concen: 9.465 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

Tgt Ion: 92 Resp: 56838
Ion Ratio Lower Upper
92 100
91 178.9 143.0 214.4

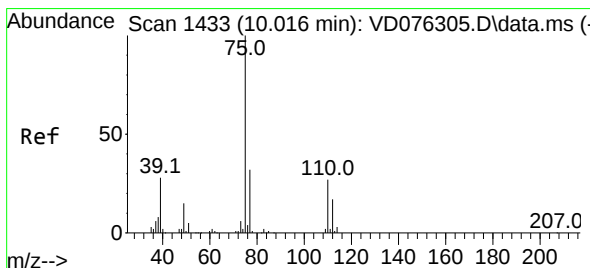
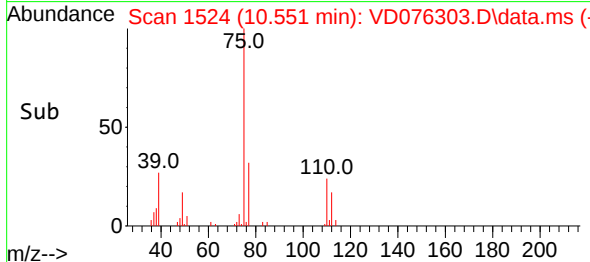
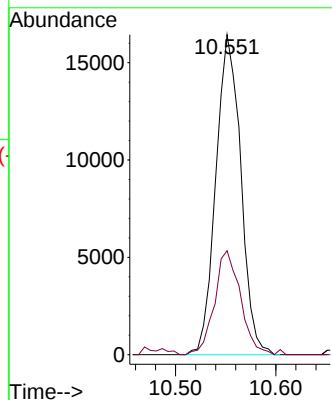
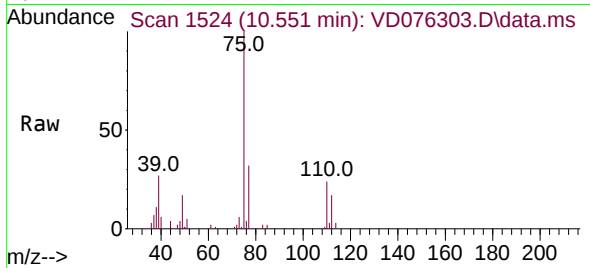




#53
 t-1,3-Dichloropropene
 Concen: 9.308 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD076303.D
 Acq: 01 Jun 2023 18:06

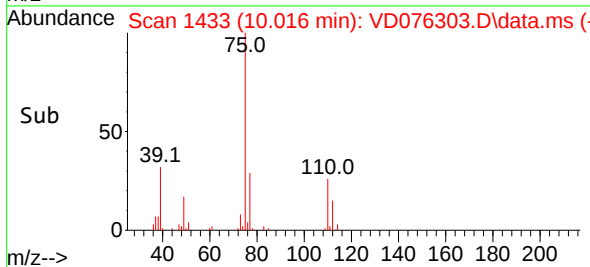
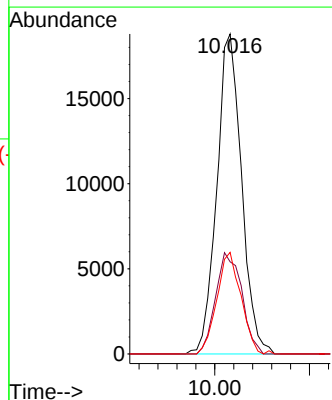
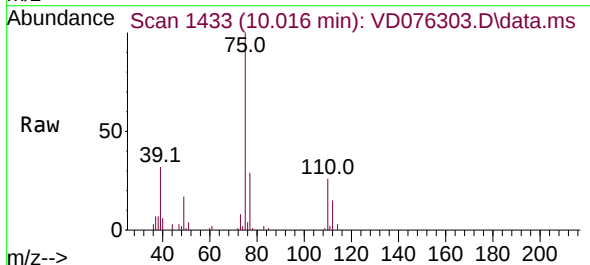
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

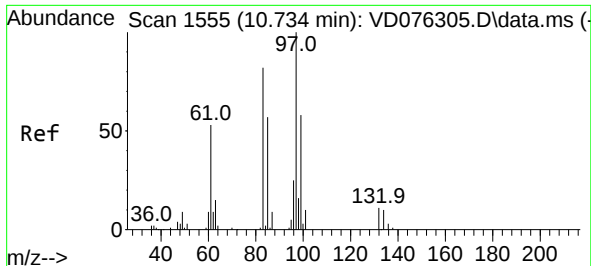
Tgt Ion: 75 Resp: 28344
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 9.478 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076303.D
 Acq: 01 Jun 2023 18:06

Tgt Ion: 75 Resp: 34094
 Ion Ratio Lower Upper
 75 100
 77 28.8 25.5 38.3
 39 31.7 22.1 33.1

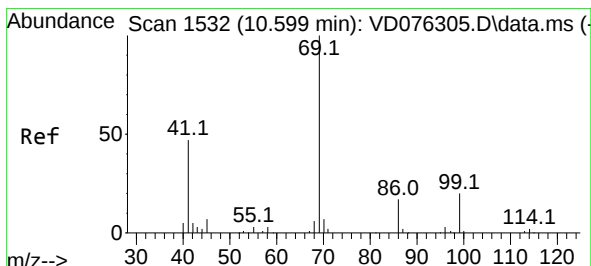
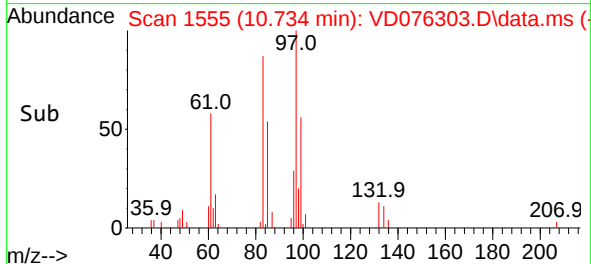
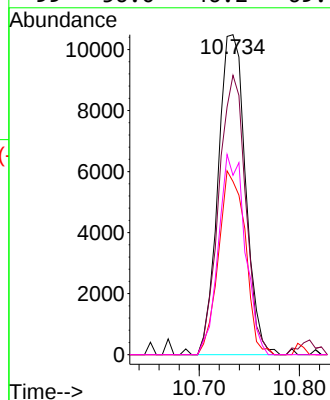
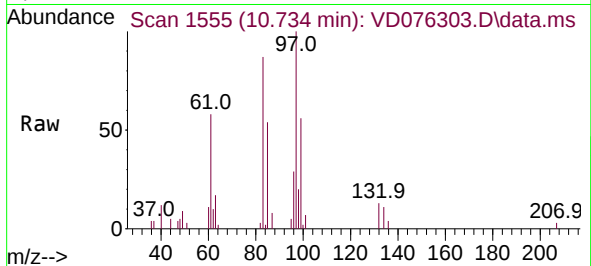




#55
1,1,2-Trichloroethane
Concen: 10.091 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

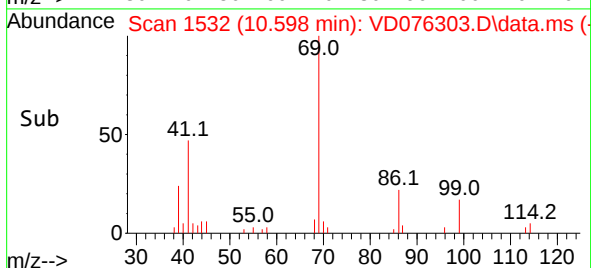
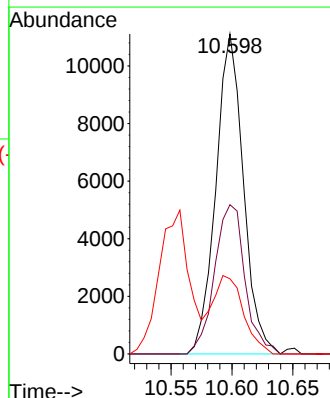
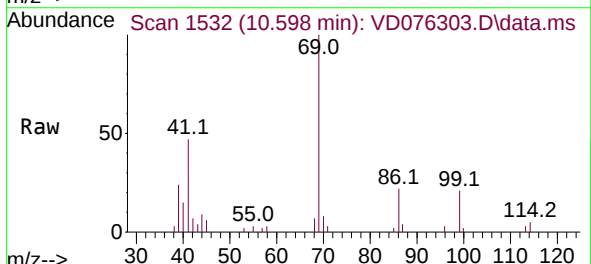
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

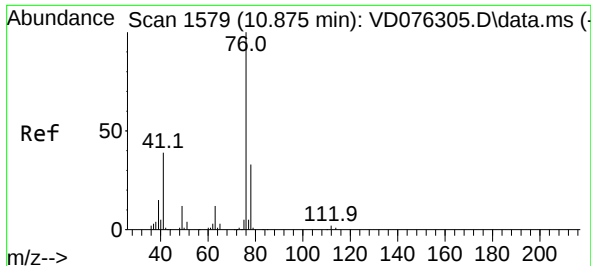
Tgt Ion:	97	Resp:	19967
Ion	Ratio	Lower	Upper
97	100		
83	87.3	65.8	98.6
85	54.1	45.7	68.5
99	56.0	46.2	69.4



#56
Ethyl methacrylate
Concen: 10.037 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

Tgt Ion:	69	Resp:	17476
Ion	Ratio	Lower	Upper
69	100		
41	51.6	39.1	58.7
39	27.8	20.0	30.0





#57

1,3-Dichloropropane

Concen: 9.989 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.000 min

Lab File: VD076303.D

Acq: 01 Jun 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

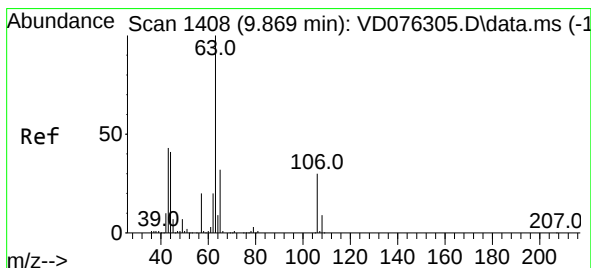
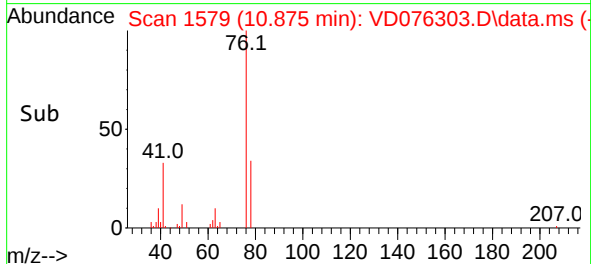
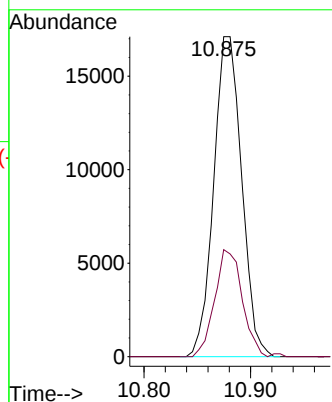
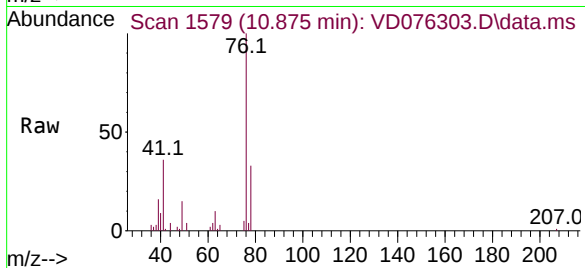
VSTDIC010

Tgt Ion: 76 Resp: 31173

Ion Ratio Lower Upper

76 100

78 32.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 48.613 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076303.D

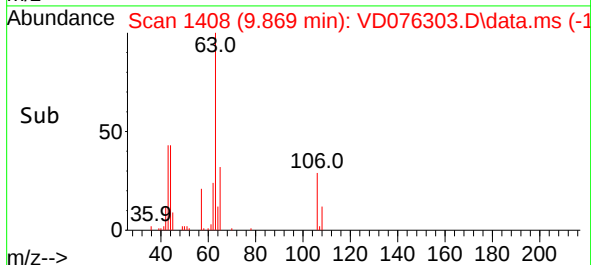
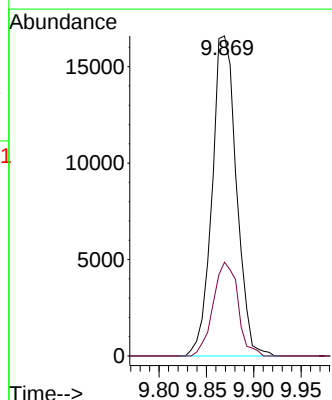
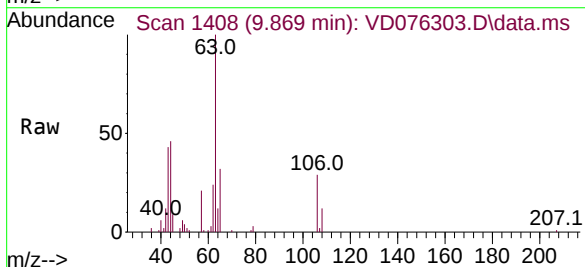
Acq: 01 Jun 2023 18:06

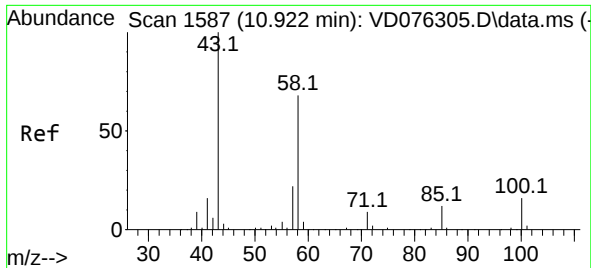
Tgt Ion: 63 Resp: 29689

Ion Ratio Lower Upper

63 100

106 29.8 25.3 37.9

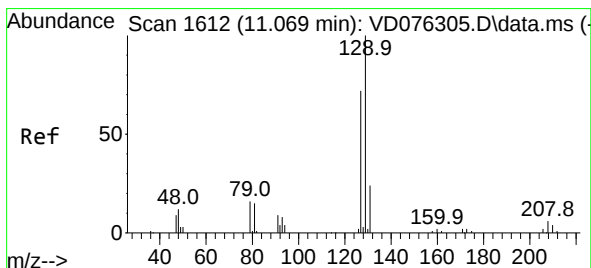
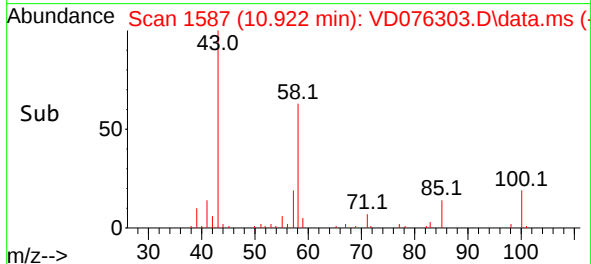
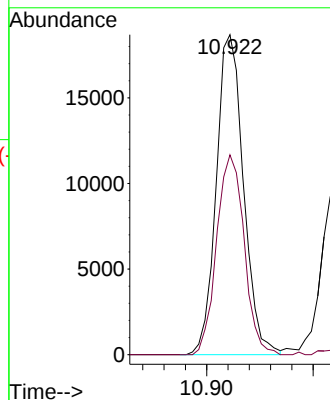
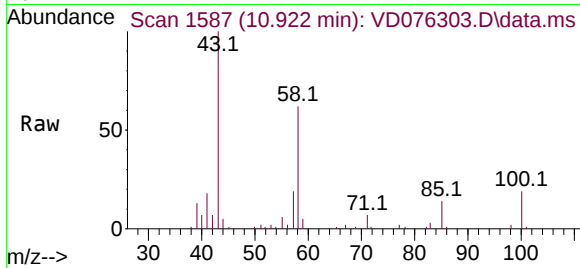




#59
2-Hexanone
Concen: 44.564 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

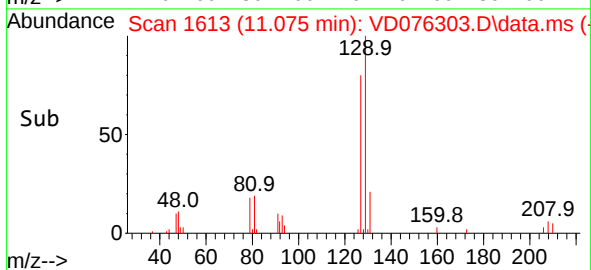
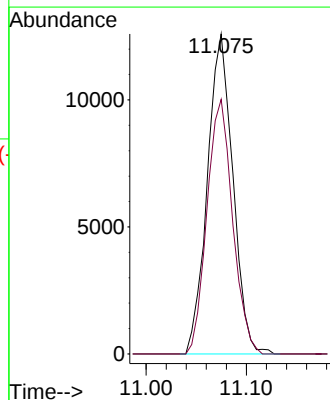
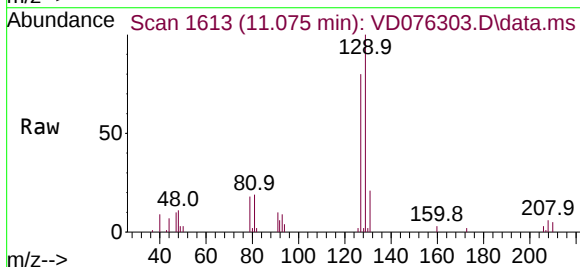
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

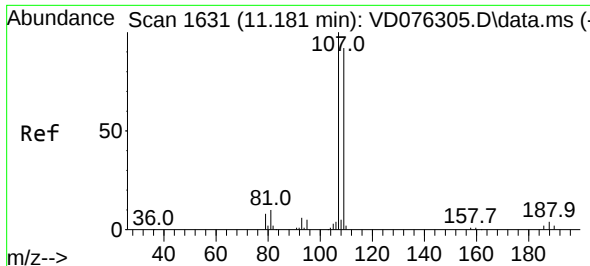
Tgt Ion: 43 Resp: 33122
Ion Ratio Lower Upper
43 100
58 63.1 34.1 102.2



#60
Dibromochloromethane
Concen: 9.804 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

Tgt Ion: 129 Resp: 22232
Ion Ratio Lower Upper
129 100
127 80.0 37.1 111.5

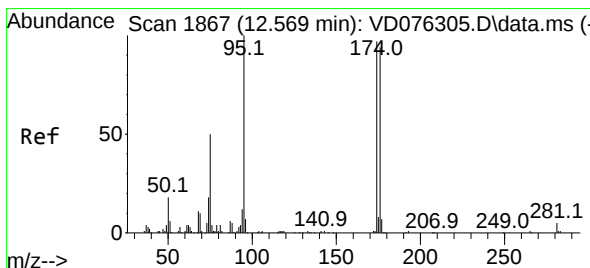
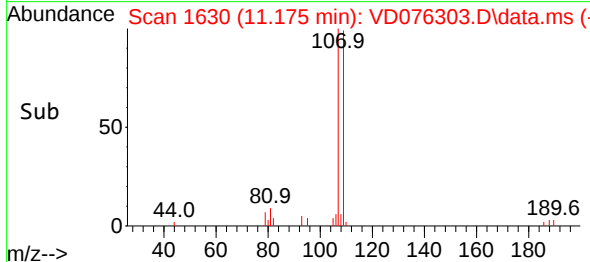
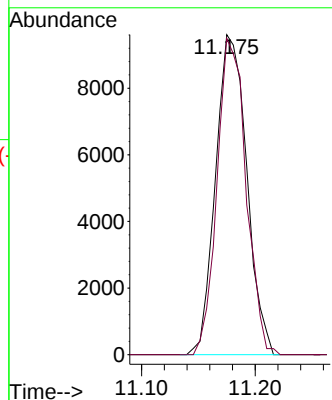
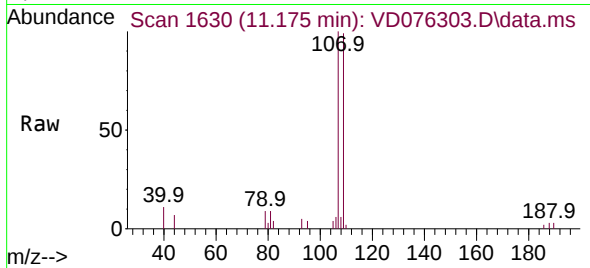




#61
1,2-Dibromoethane
Concen: 10.008 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

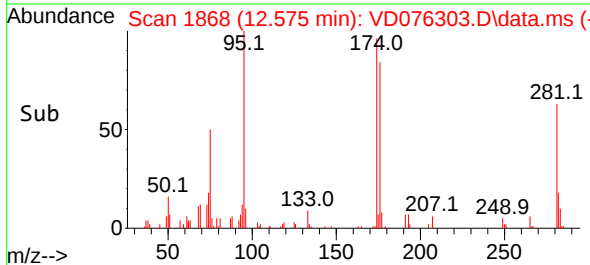
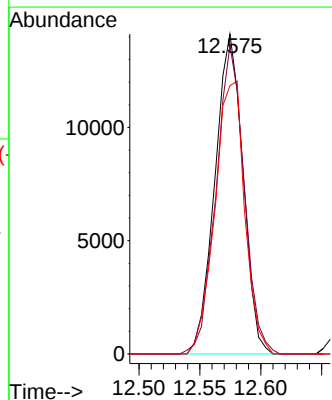
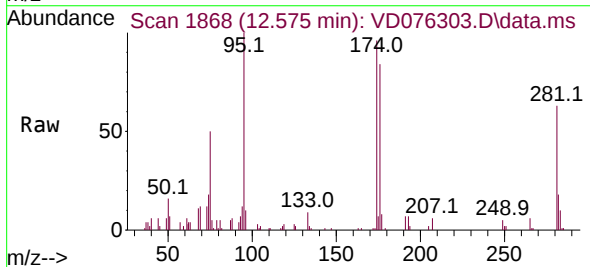
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

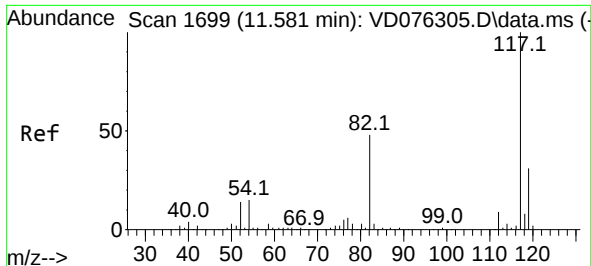
Tgt Ion:107 Resp: 18296
Ion Ratio Lower Upper
107 100
109 91.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 9.408 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

Tgt Ion: 95 Resp: 22617
Ion Ratio Lower Upper
95 100
174 96.6 0.0 201.8
176 90.9 0.0 191.8

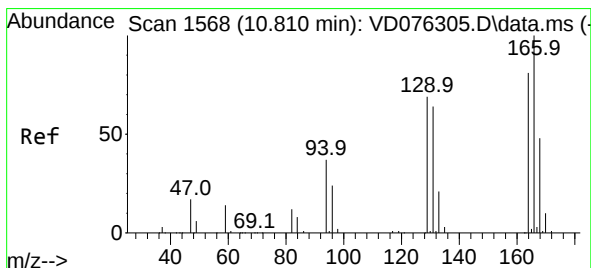
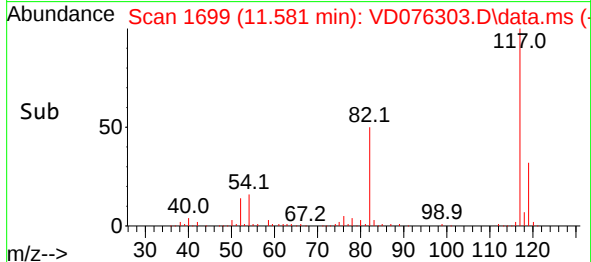
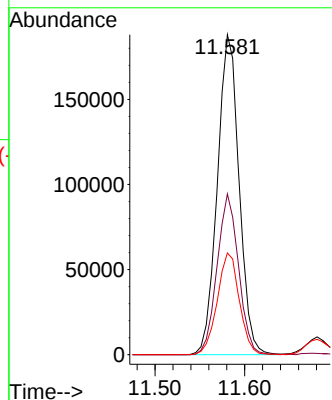
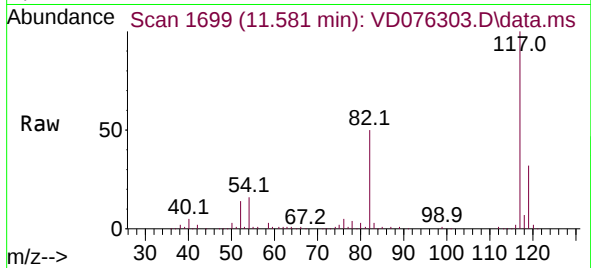




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

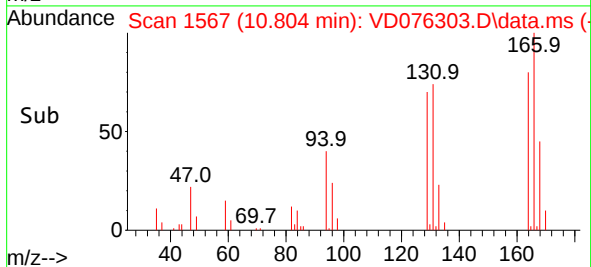
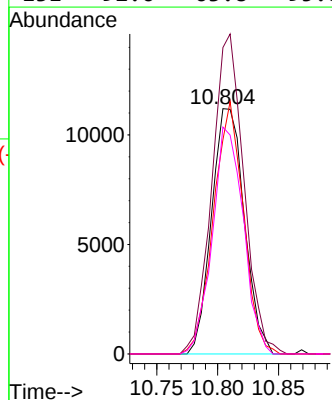
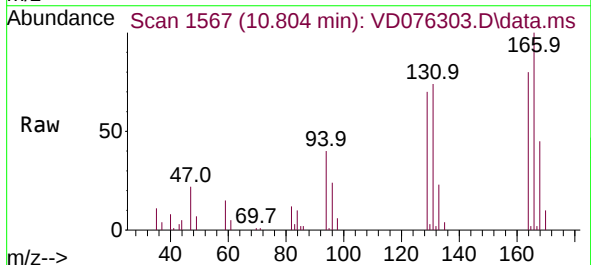
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

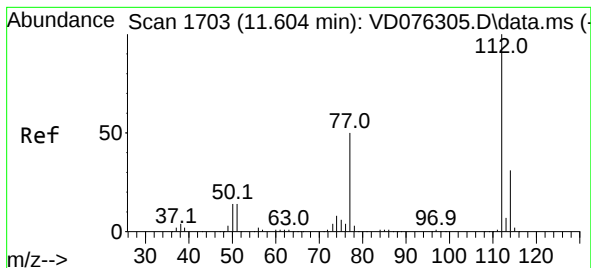
Tgt Ion:117 Resp: 316386
Ion Ratio Lower Upper
117 100
82 50.3 38.3 57.5
119 31.8 25.0 37.4



#64
Tetrachloroethene
Concen: 9.275 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

Tgt Ion:164 Resp: 20907
Ion Ratio Lower Upper
164 100
166 125.0 99.2 148.8
129 87.4 68.4 102.6
131 92.6 63.8 95.8





#65

Chlorobenzene

Concen: 9.781 ug/l

RT: 11.610 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076303.D

Acq: 01 Jun 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

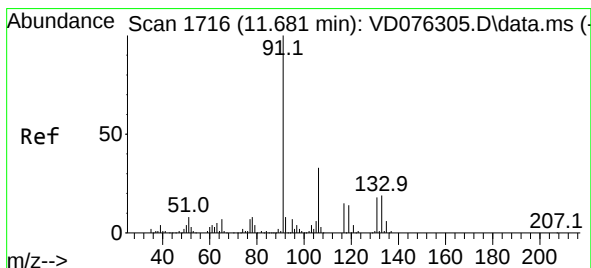
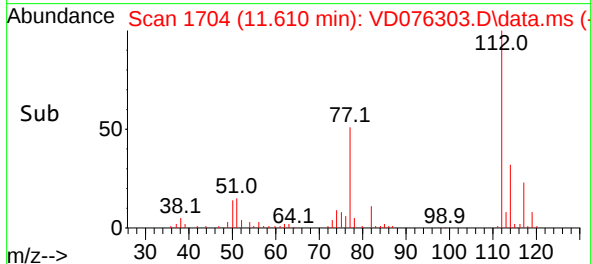
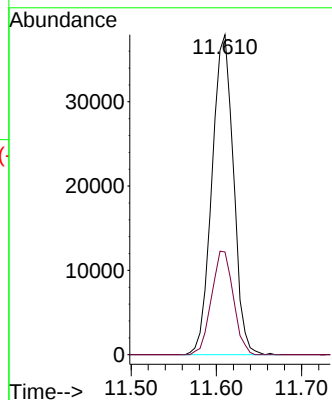
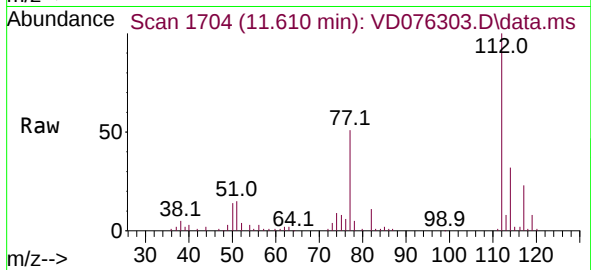
VSTDIC010

Tgt Ion:112 Resp: 66527

Ion Ratio Lower Upper

112 100

114 32.1 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 10.158 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD076303.D

Acq: 01 Jun 2023 18:06

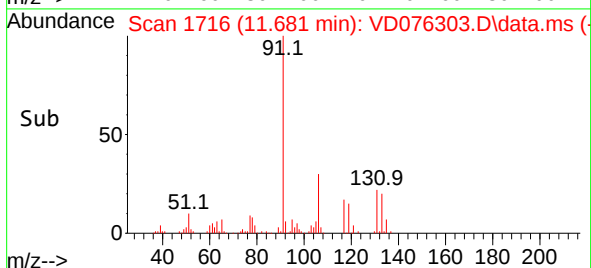
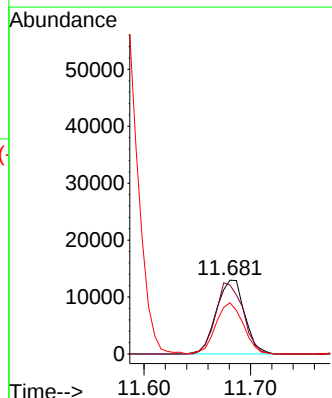
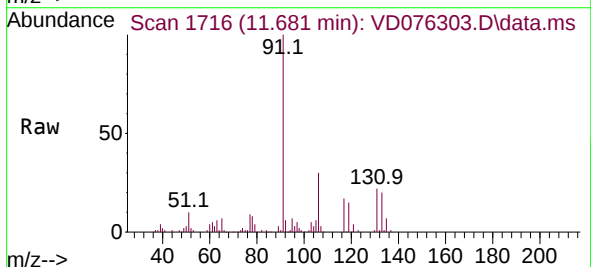
Tgt Ion:131 Resp: 23906

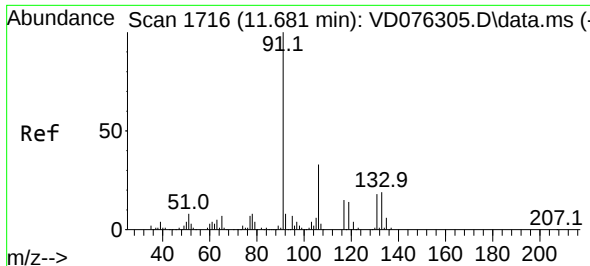
Ion Ratio Lower Upper

131 100

133 94.0 48.5 145.5

119 67.3 35.6 106.9

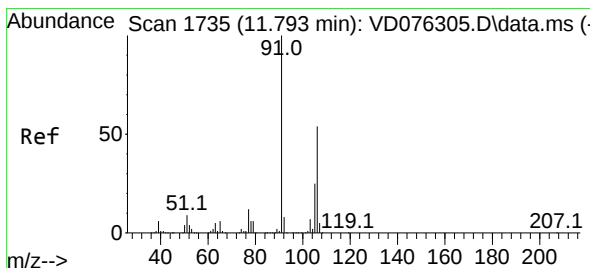
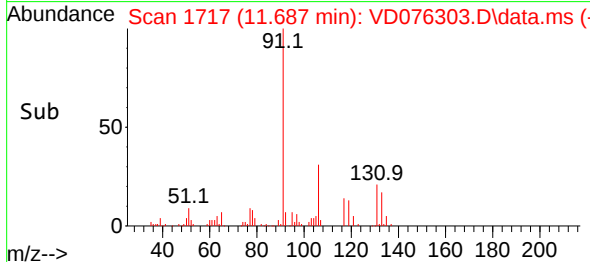
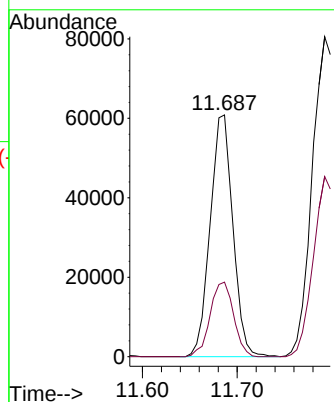
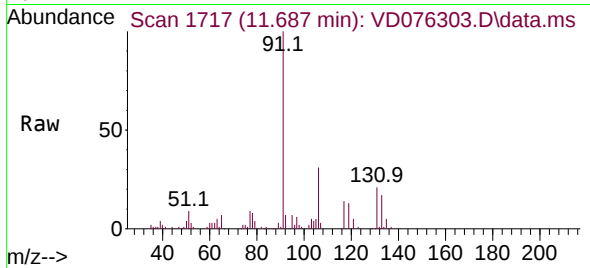




#67
Ethyl Benzene
Concen: 9.327 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

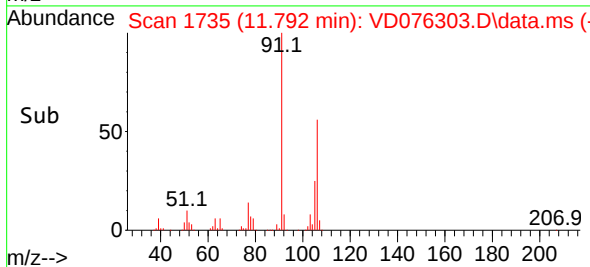
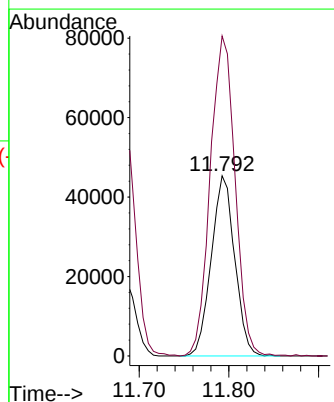
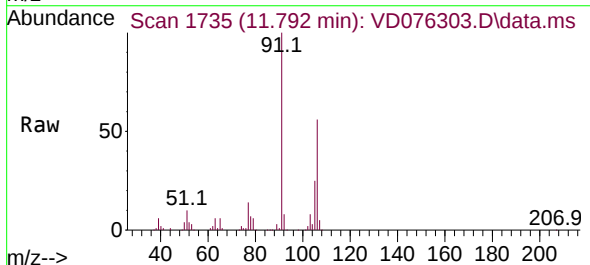
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

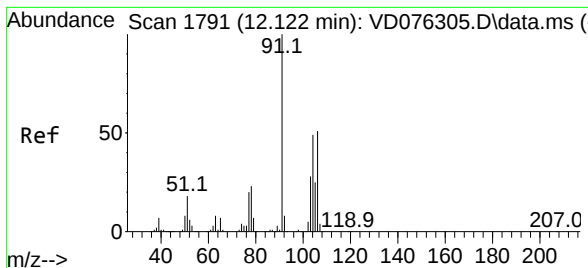
Tgt Ion: 91 Resp: 101356
Ion Ratio Lower Upper
91 100
106 30.9 26.5 39.7



#68
m/p-Xylenes
Concen: 18.292 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

Tgt Ion: 106 Resp: 82232
Ion Ratio Lower Upper
106 100
91 188.3 147.0 220.6

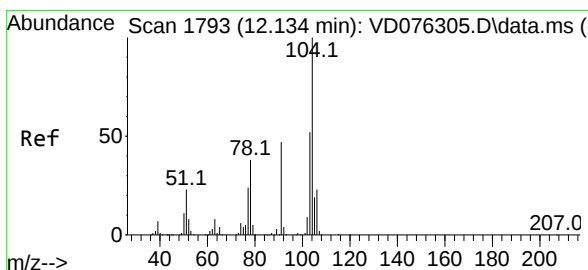
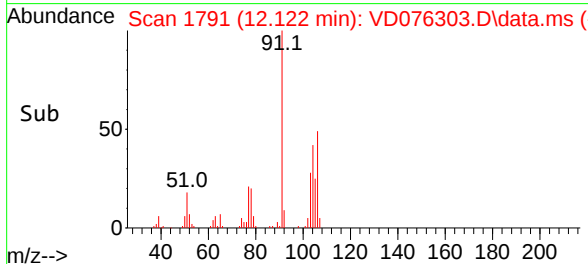
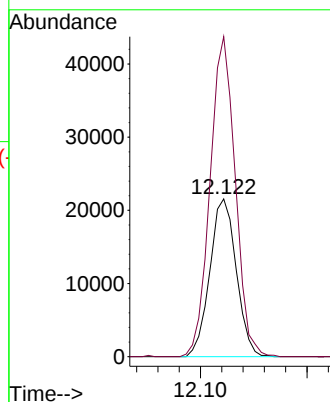
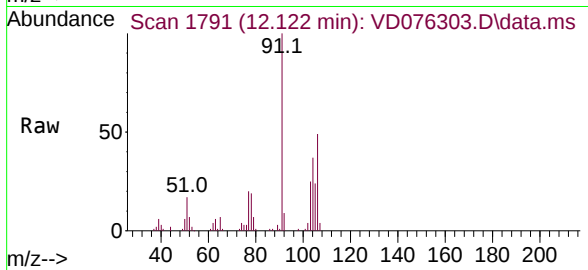




#69
o-Xylene
Concen: 9.002 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

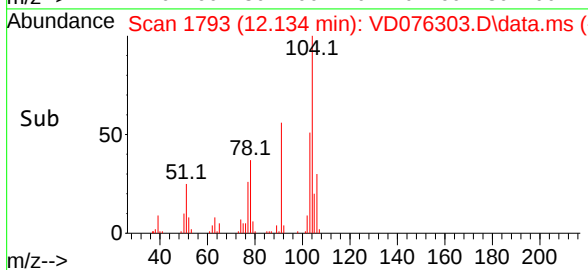
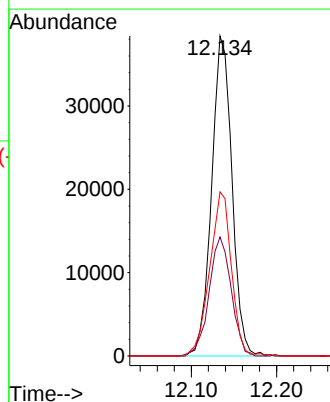
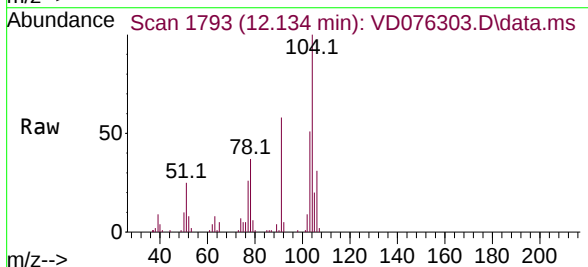
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

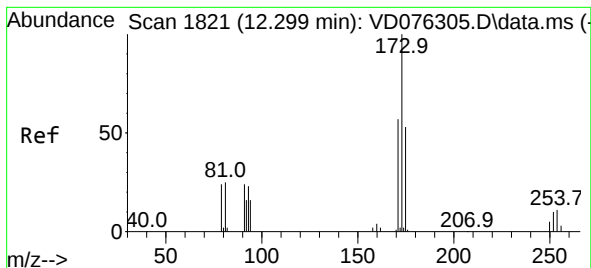
Tgt Ion:106 Resp: 37129
Ion Ratio Lower Upper
106 100
91 193.7 97.9 293.6



#70
Styrene
Concen: 8.941 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

Tgt Ion:104 Resp: 63643
Ion Ratio Lower Upper
104 100
78 40.5 33.2 49.8
103 54.4 43.6 65.4





#71

Bromoform

Concen: 9.597 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD076303.D

Acq: 01 Jun 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

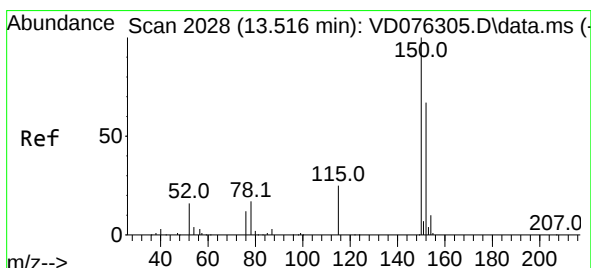
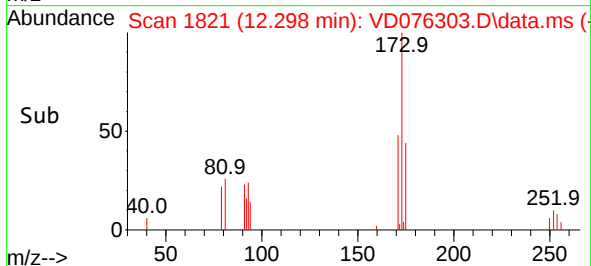
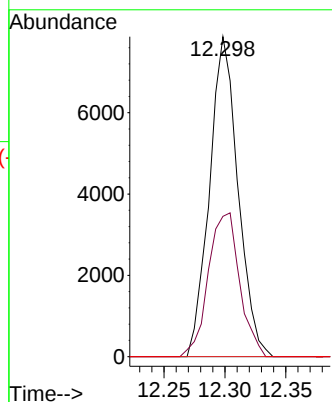
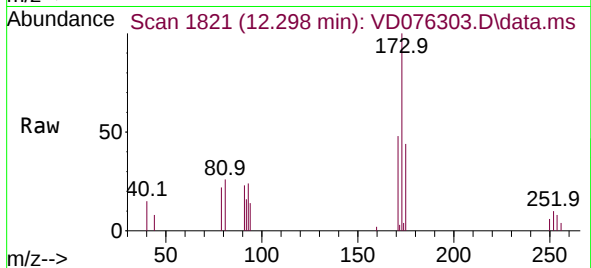
Tgt Ion:173 Resp: 12794

Ion Ratio Lower Upper

173 100

175 49.3 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: VD076303.D

Acq: 01 Jun 2023 18:06

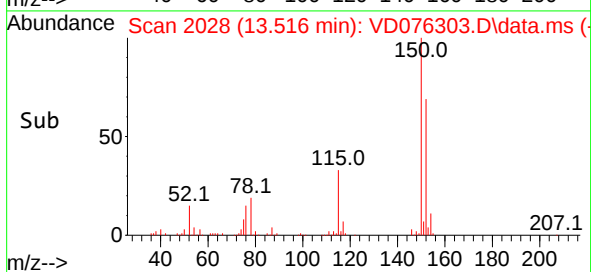
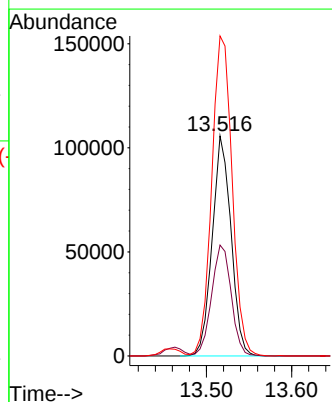
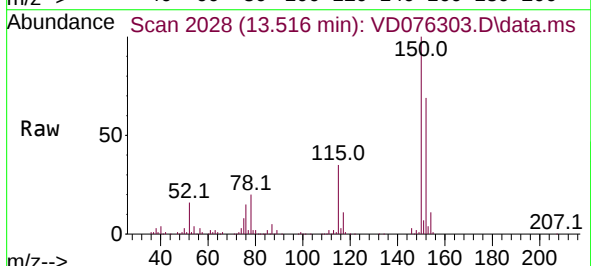
Tgt Ion:152 Resp: 161804

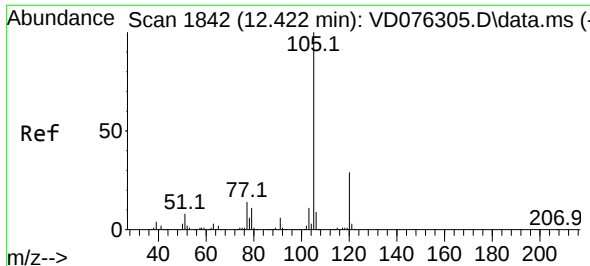
Ion Ratio Lower Upper

152 100

115 52.7 27.1 81.3

150 157.8 0.0 353.6

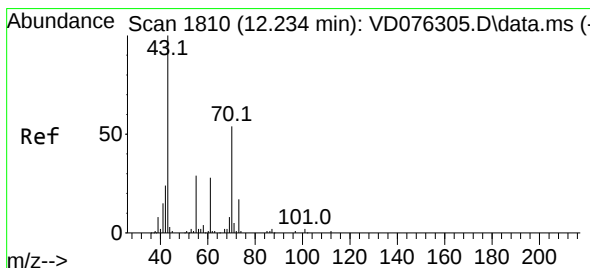
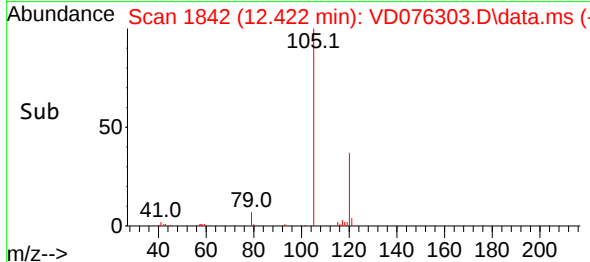
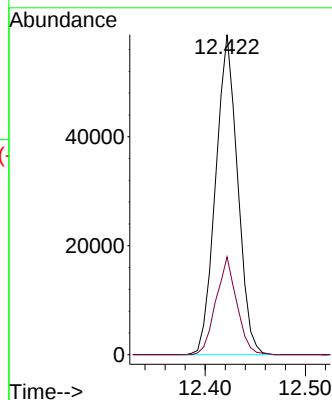
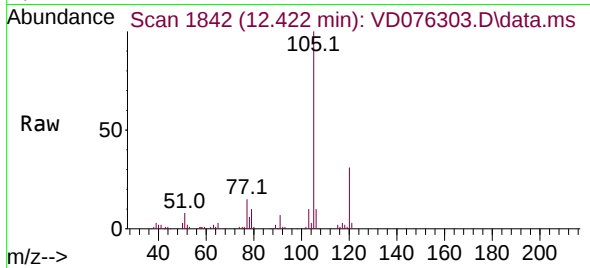




#73
Isopropylbenzene
Concen: 9.073 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

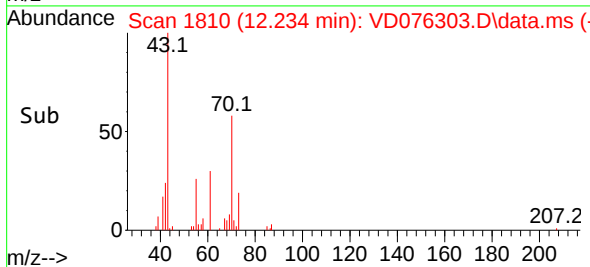
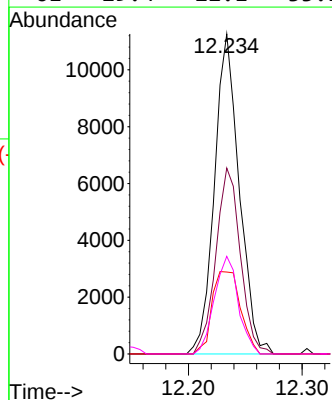
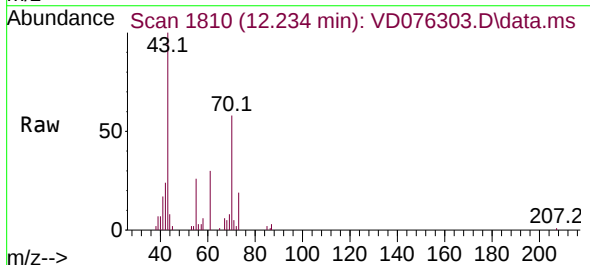
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

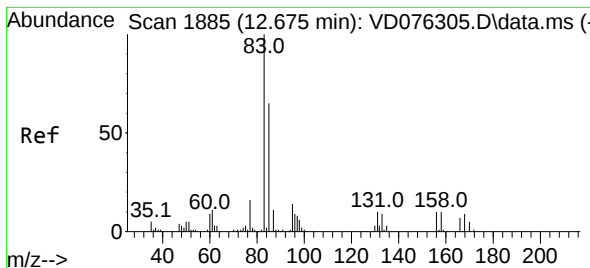
Tgt Ion:105 Resp: 89418
Ion Ratio Lower Upper
105 100
120 29.0 14.3 42.9



#74
N-ethyl acetate
Concen: 8.862 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

Tgt Ion: 43 Resp: 17068
Ion Ratio Lower Upper
43 100
70 57.6 45.0 67.4
55 29.6 23.8 35.6
61 29.4 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 9.811 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD076303.D

Acq: 01 Jun 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

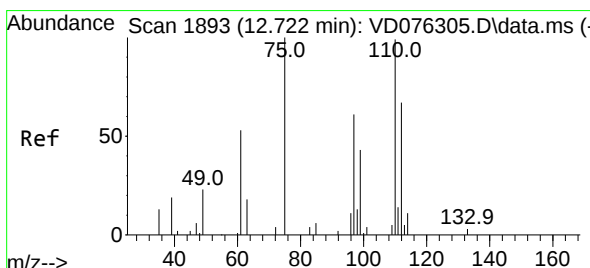
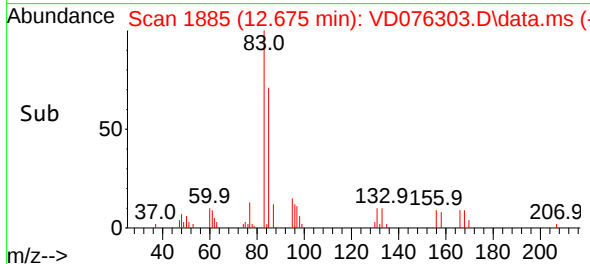
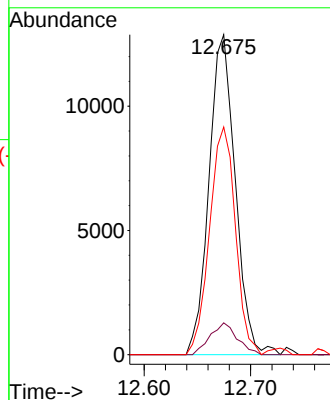
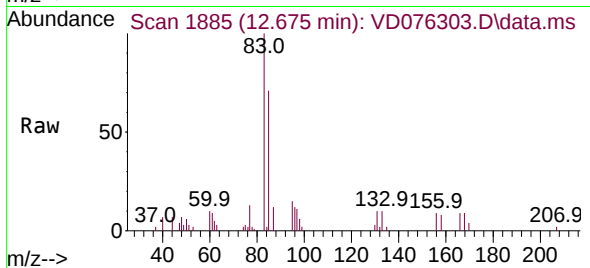
Tgt Ion: 83 Resp: 22056

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

85 69.8 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 17.518 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD076303.D

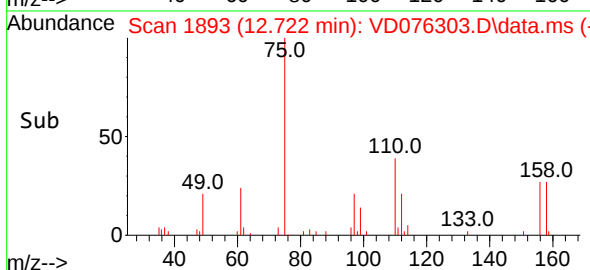
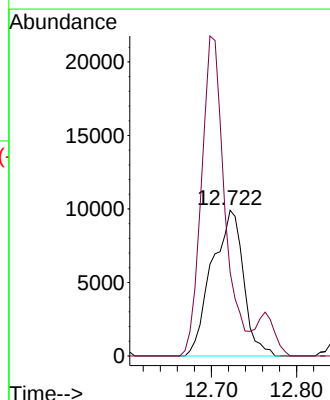
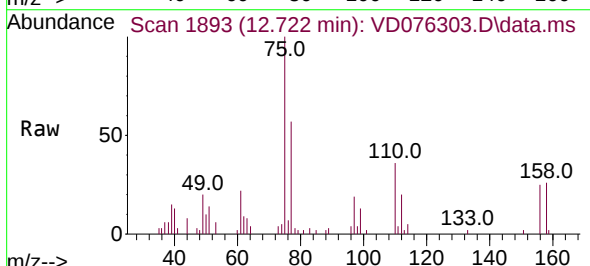
Acq: 01 Jun 2023 18:06

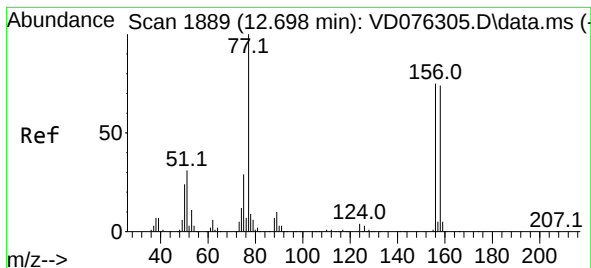
Tgt Ion: 75 Resp: 25568

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 9.301 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VD076303.D

Acq: 01 Jun 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

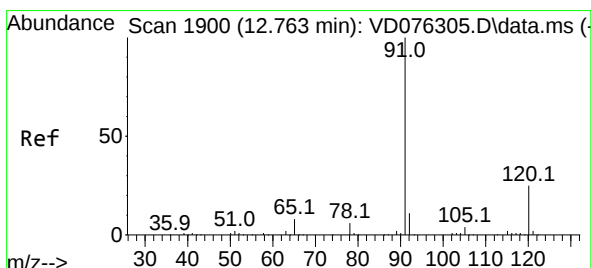
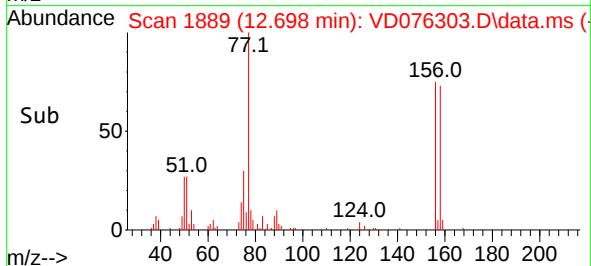
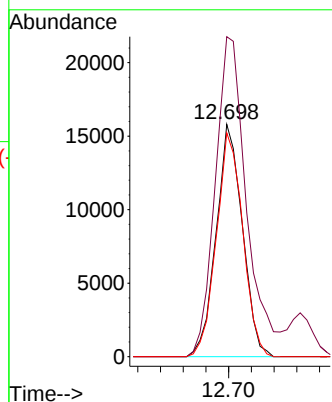
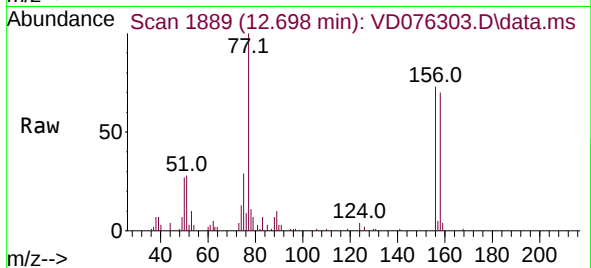
Tgt Ion:156 Resp: 25343

Ion Ratio Lower Upper

156 100

77 164.1 76.8 230.4

158 97.0 48.6 145.9



#78

n-propylbenzene

Concen: 9.216 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD076303.D

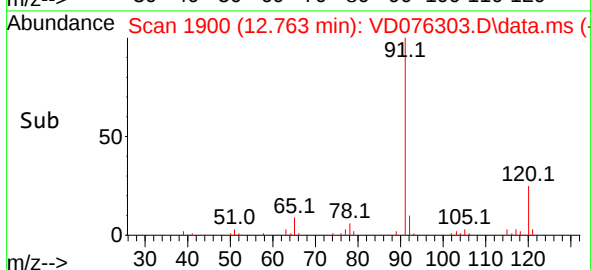
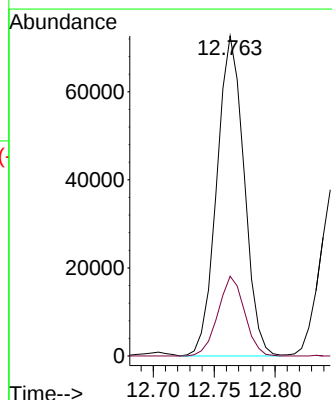
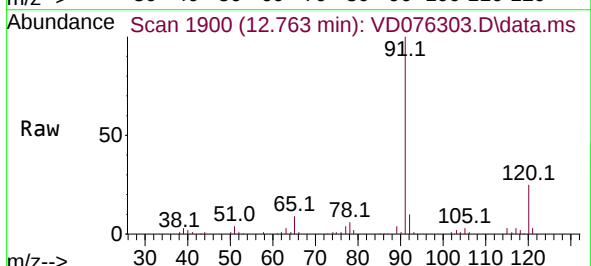
Acq: 01 Jun 2023 18:06

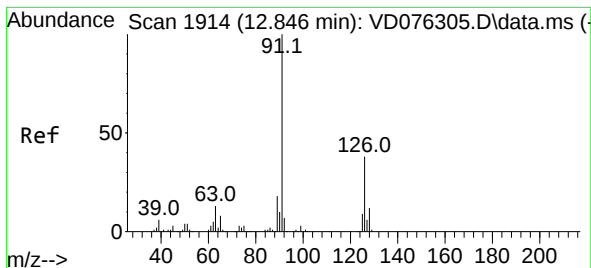
Tgt Ion: 91 Resp: 113382

Ion Ratio Lower Upper

91 100

120 24.2 12.4 37.2

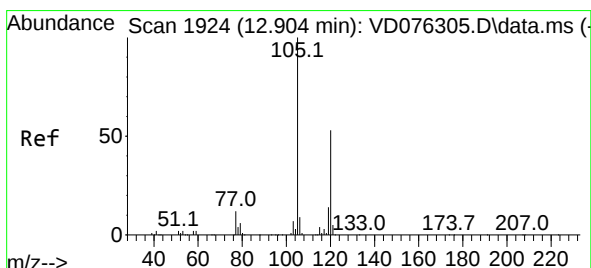
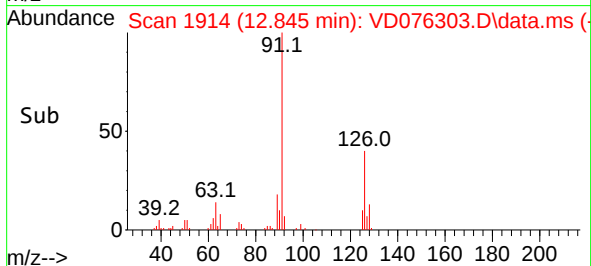
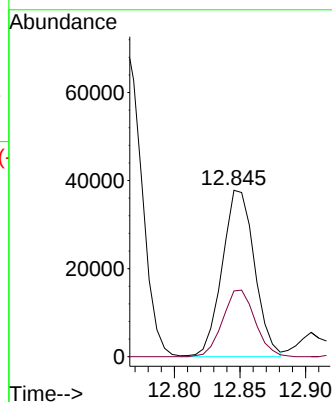
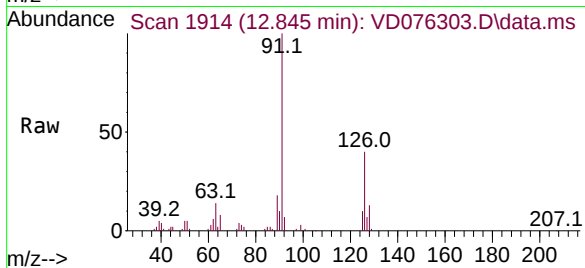




#79
2-Chlorotoluene
Concen: 9.450 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

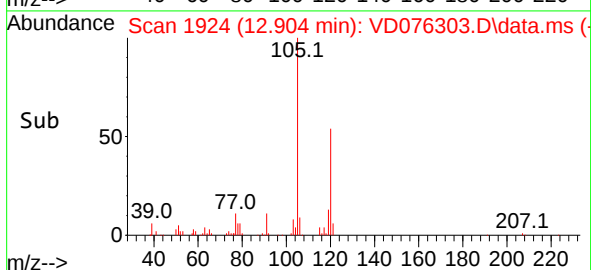
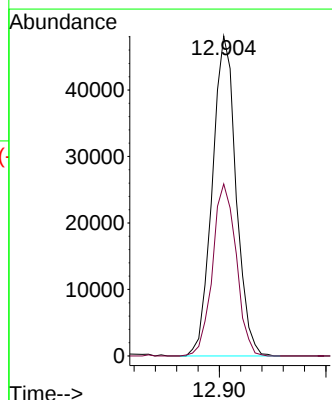
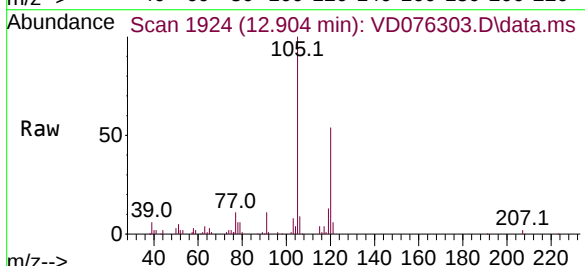
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

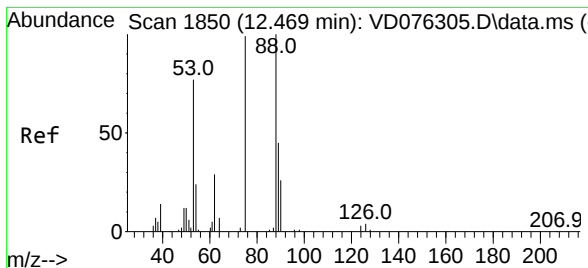
Tgt Ion: 91 Resp: 64853
Ion Ratio Lower Upper
91 100
126 40.0 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 9.067 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

Tgt Ion: 105 Resp: 74384
Ion Ratio Lower Upper
105 100
120 53.5 26.4 79.2

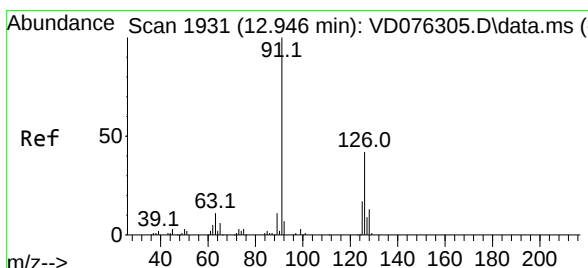
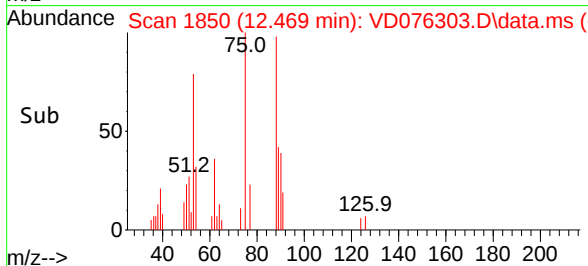
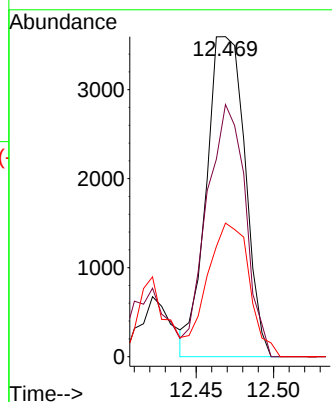
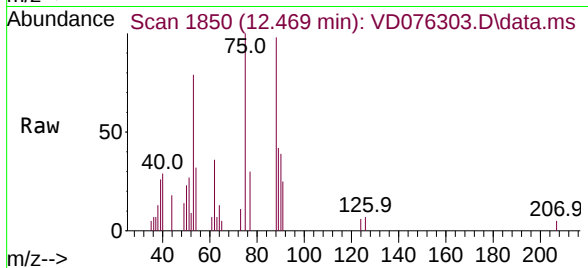




#81
trans-1,4-Dichloro-2-butene
Concen: 9.810 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

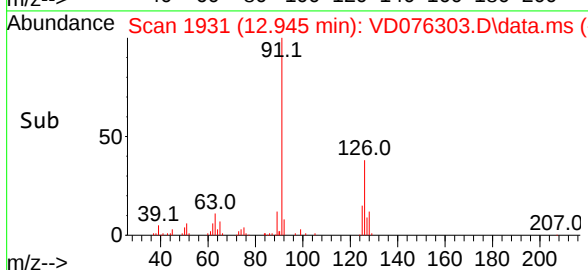
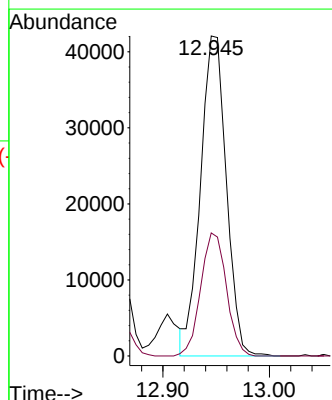
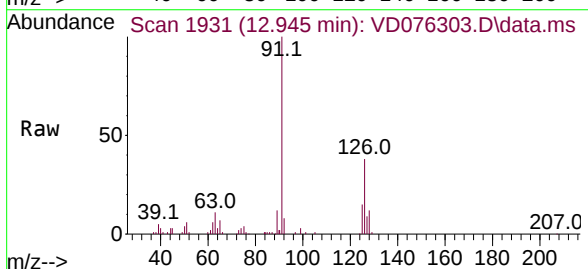
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

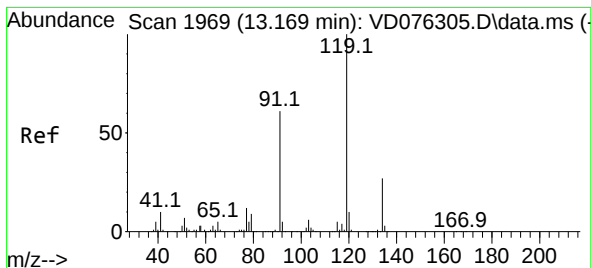
Tgt Ion: 75 Resp: 6225
Ion Ratio Lower Upper
75 100
53 78.8 63.0 94.4
89 45.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 9.677 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

Tgt Ion: 91 Resp: 71199
Ion Ratio Lower Upper
91 100
126 38.2 19.4 58.4





#83

tert-Butylbenzene

Concen: 8.876 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD076303.D

Acq: 01 Jun 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

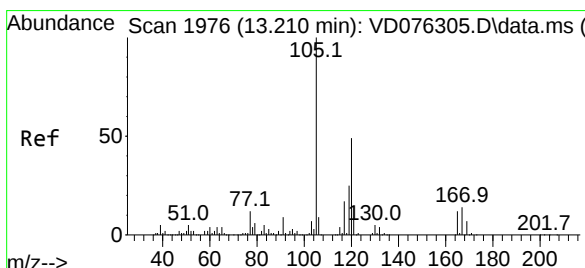
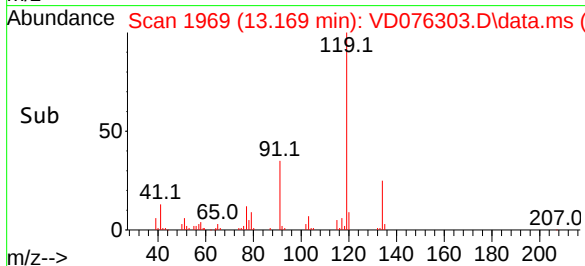
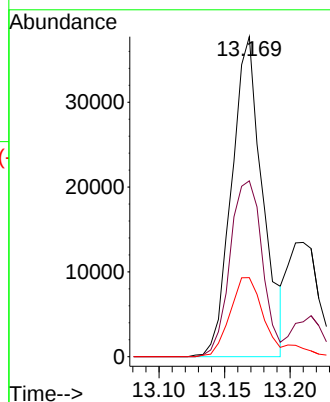
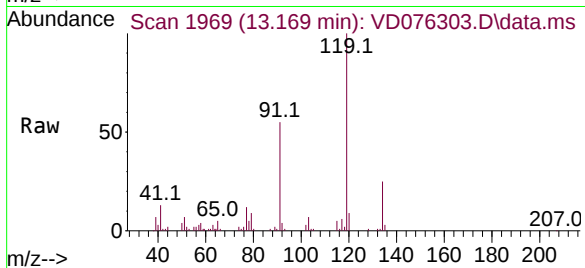
Tgt Ion:119 Resp: 61862

Ion Ratio Lower Upper

119 100

91 57.6 29.3 87.8

134 29.0 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 8.919 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD076303.D

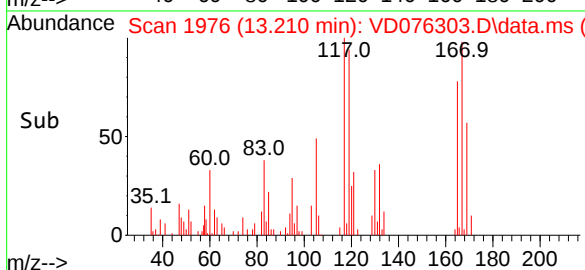
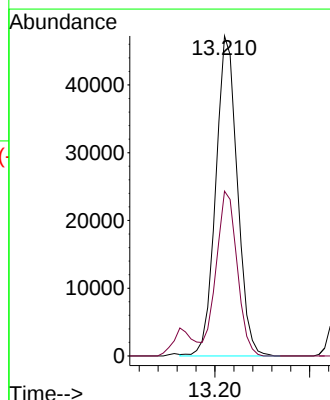
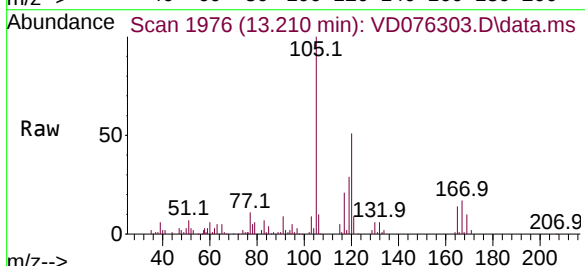
Acq: 01 Jun 2023 18:06

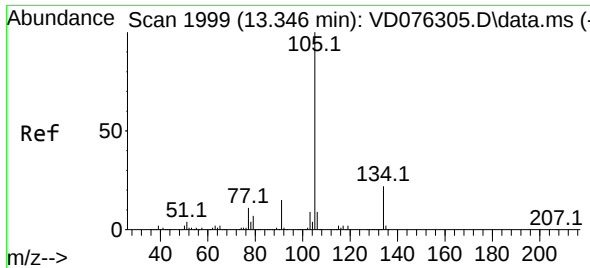
Tgt Ion:105 Resp: 74677

Ion Ratio Lower Upper

105 100

120 49.8 24.3 72.9

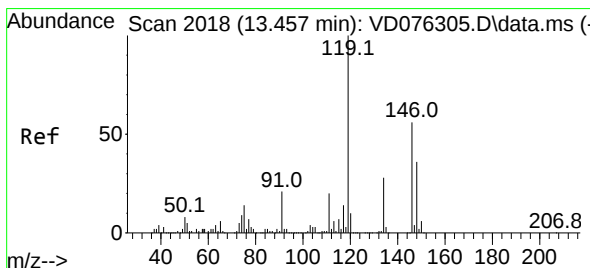
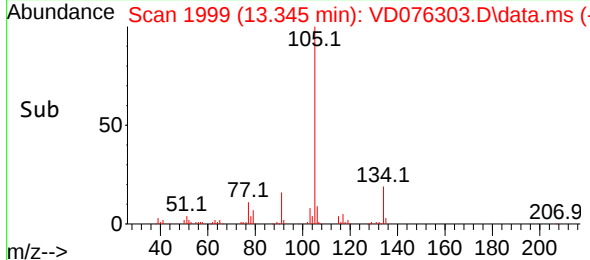
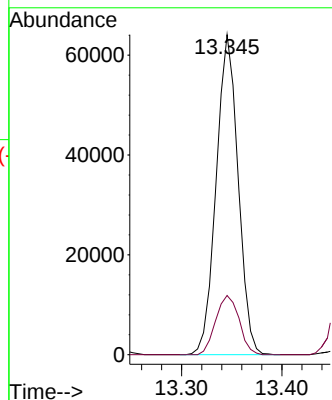
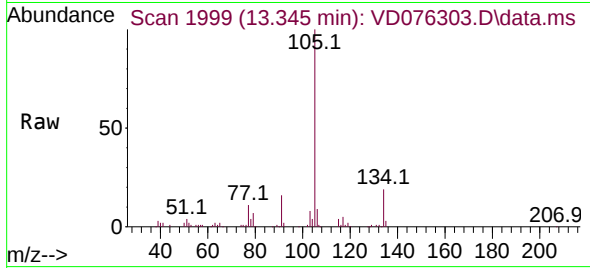




#85
 sec-Butylbenzene
 Concen: 9.188 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD076303.D
 Acq: 01 Jun 2023 18:06

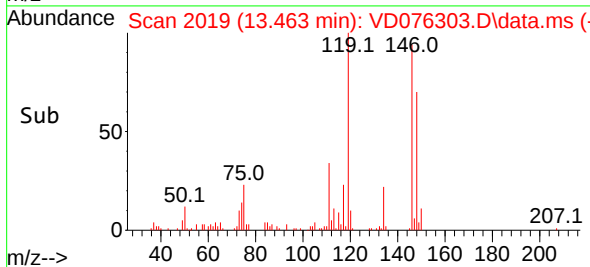
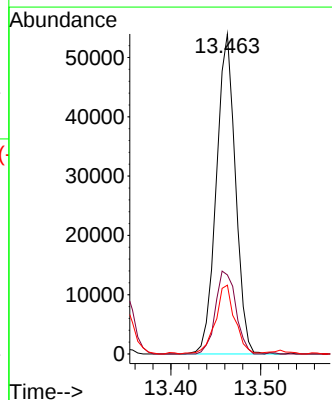
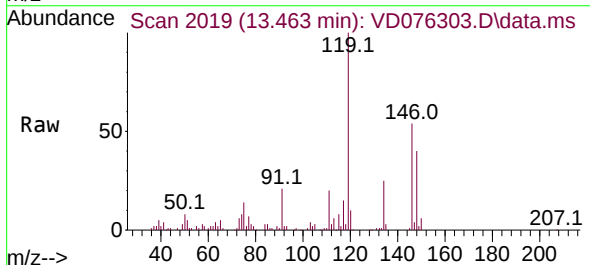
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

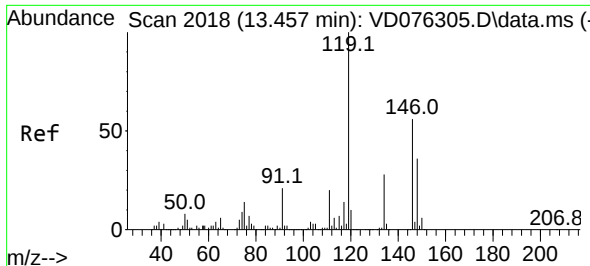
Tgt Ion:105 Resp: 97314
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 8.987 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD076303.D
 Acq: 01 Jun 2023 18:06

Tgt Ion:119 Resp: 79606
 Ion Ratio Lower Upper
 119 100
 134 27.6 14.2 42.6
 91 22.0 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 9.882 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD076303.D

Acq: 01 Jun 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

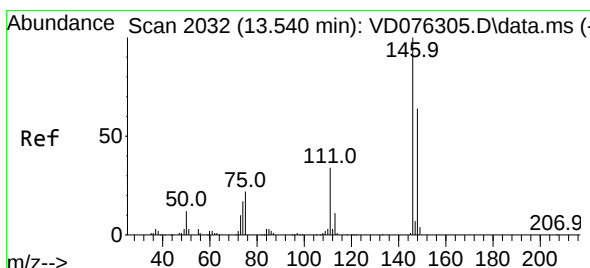
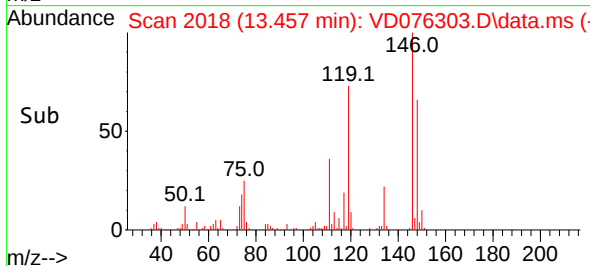
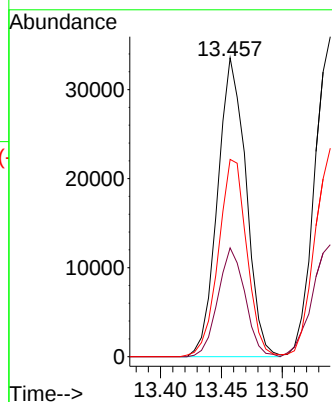
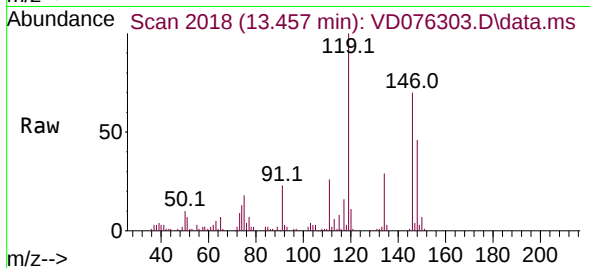
Tgt Ion:146 Resp: 54507

Ion Ratio Lower Upper

146 100

111 34.6 17.9 53.8

148 65.8 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 10.016 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD076303.D

Acq: 01 Jun 2023 18:06

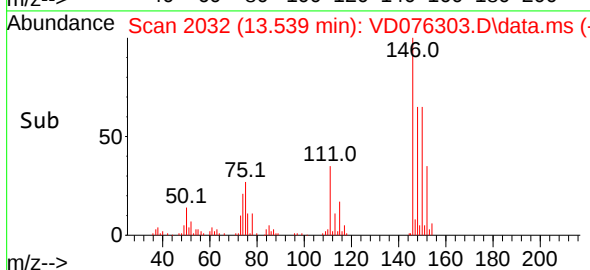
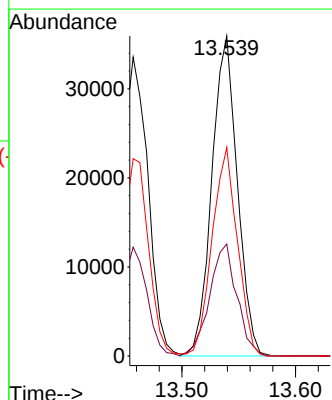
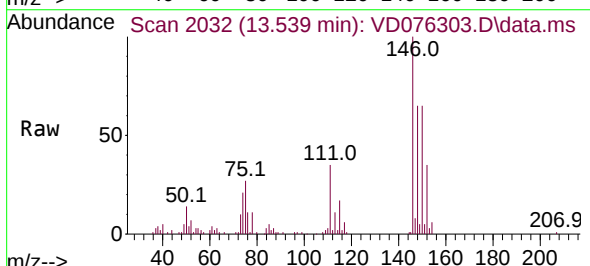
Tgt Ion:146 Resp: 56103

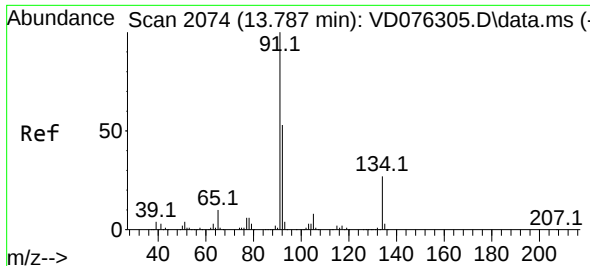
Ion Ratio Lower Upper

146 100

111 37.4 17.4 52.3

148 64.8 31.7 95.1

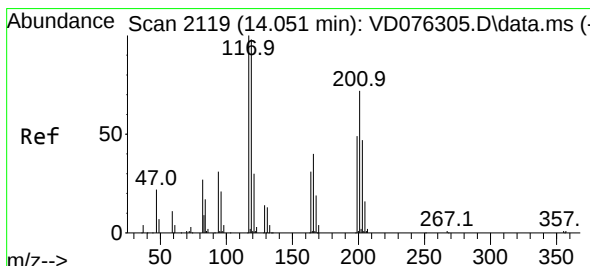
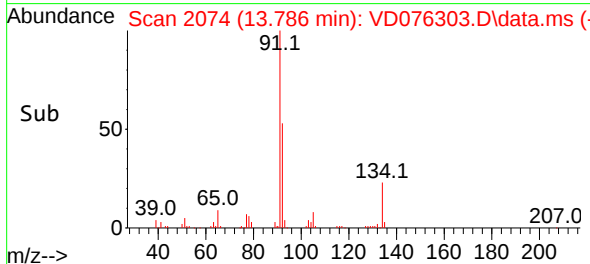
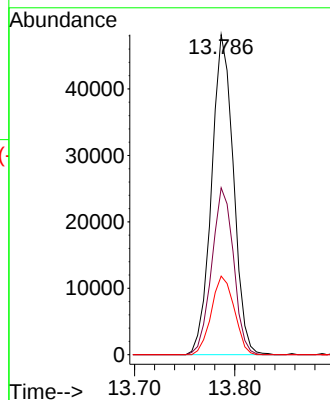
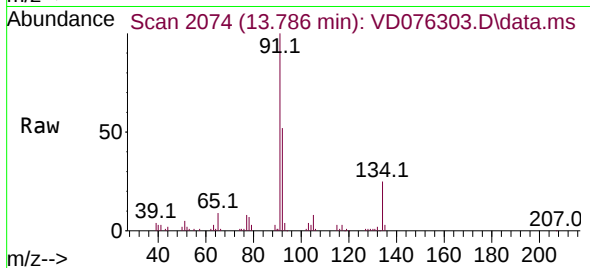




#89
n-Butylbenzene
Concen: 8.982 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

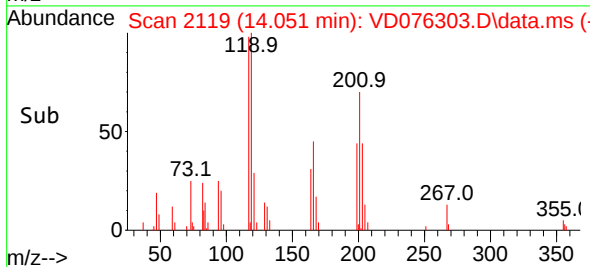
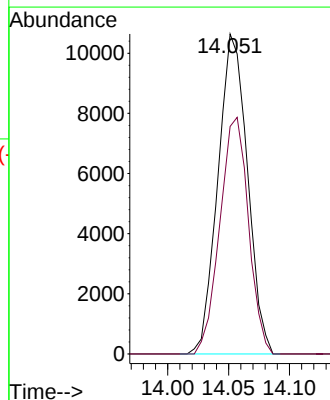
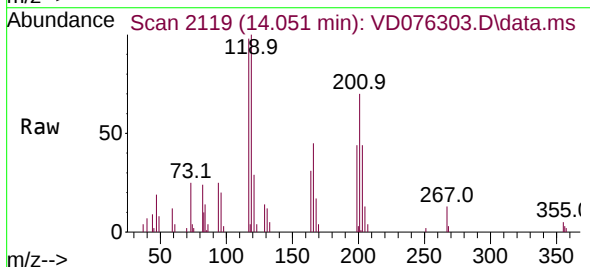
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

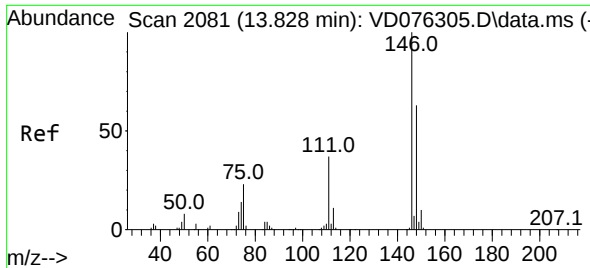
Tgt Ion:	91	Resp:	73075
Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.5	79.5
134	25.6	13.8	41.3



#90
Hexachloroethane
Concen: 10.002 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

Tgt Ion:	117	Resp:	17916
Ion	Ratio	Lower	Upper
117	100		
201	71.7	38.5	115.5

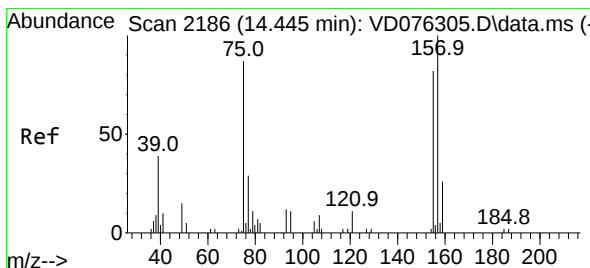
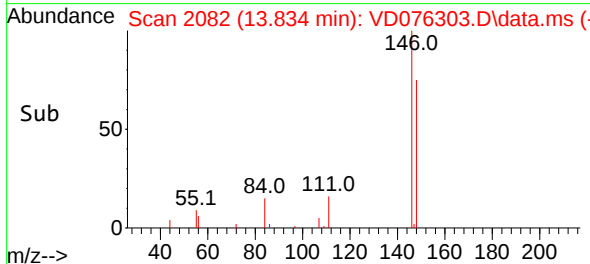
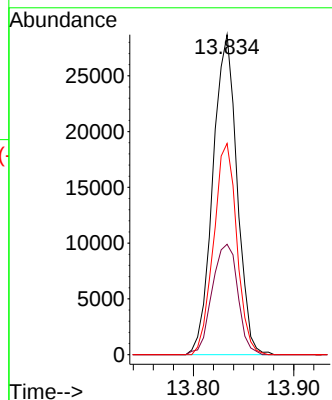
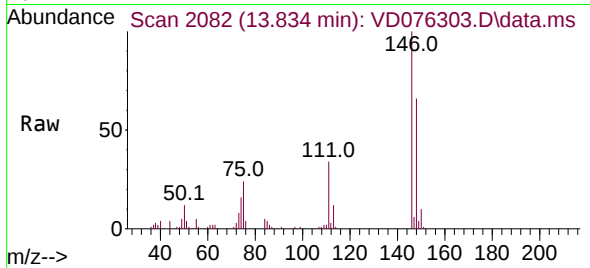




#91
1,2-Dichlorobenzene
Concen: 9.856 ug/l
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

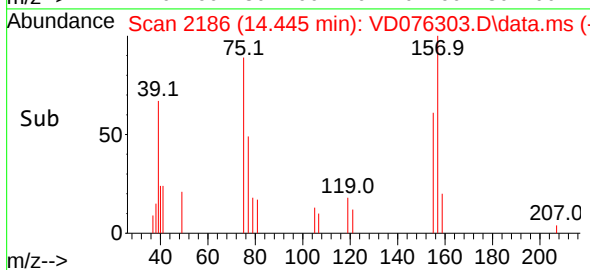
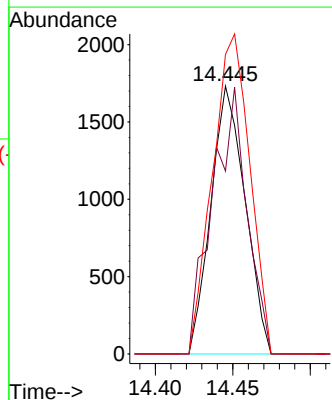
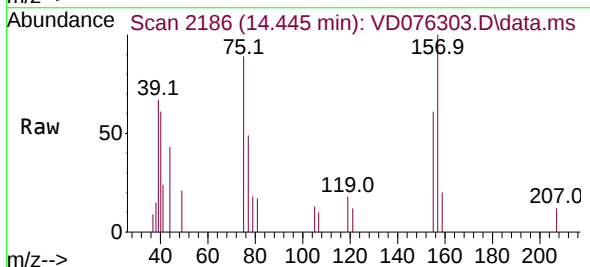
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

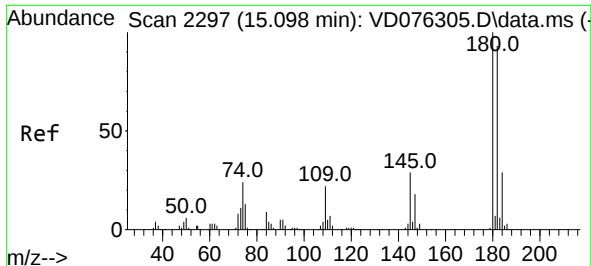
Tgt Ion:146 Resp: 47825
Ion Ratio Lower Upper
146 100
111 36.7 18.3 54.8
148 63.6 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.116 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

Tgt Ion: 75 Resp: 2650
Ion Ratio Lower Upper
75 100
155 101.1 47.9 143.8
157 130.7 59.9 179.7

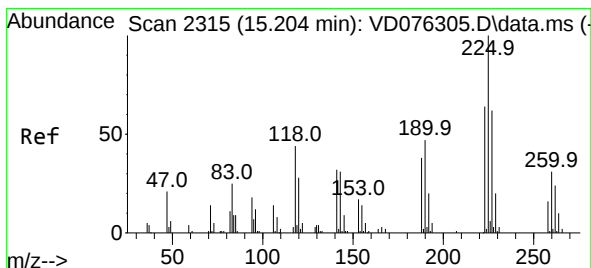
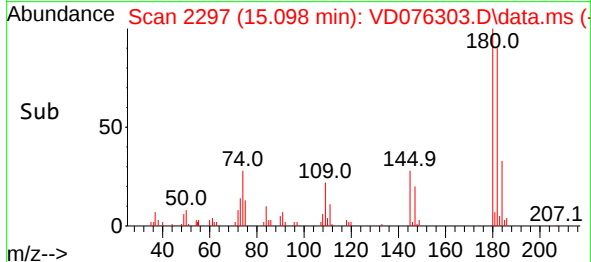
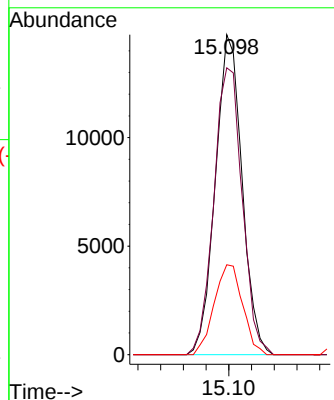
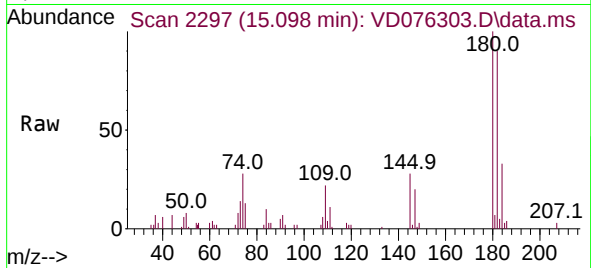




#93
1,2,4-Trichlorobenzene
Concen: 8.656 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

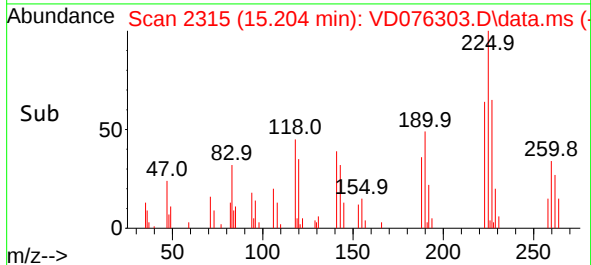
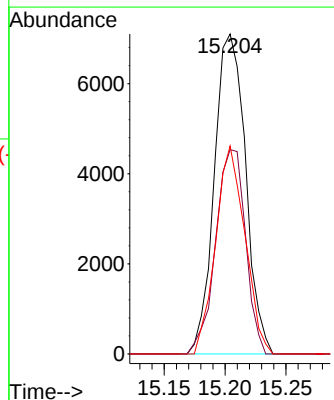
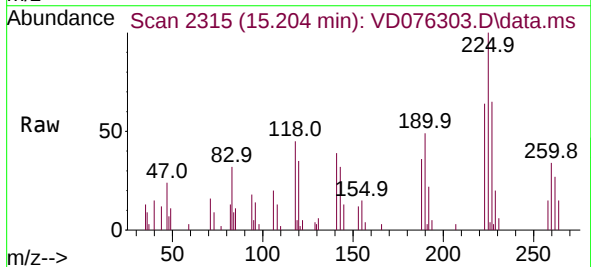
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

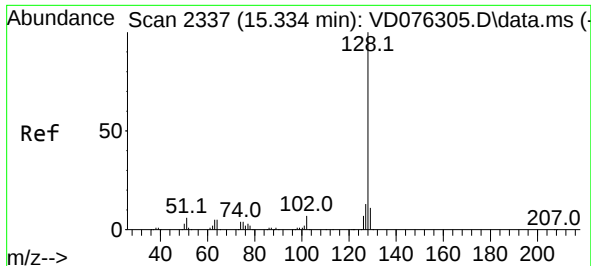
Tgt Ion:180 Resp: 24037
Ion Ratio Lower Upper
180 100
182 95.4 48.5 145.6
145 29.9 14.2 42.6



#94
Hexachlorobutadiene
Concen: 9.714 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

Tgt Ion:225 Resp: 12644
Ion Ratio Lower Upper
225 100
223 61.2 31.6 94.8
227 61.0 31.7 95.1

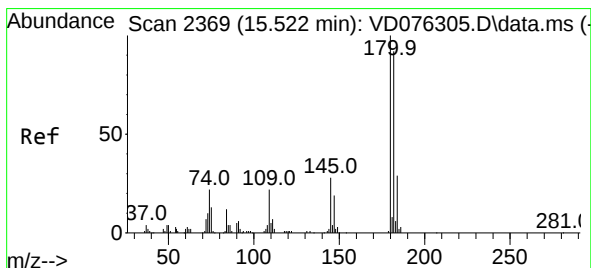
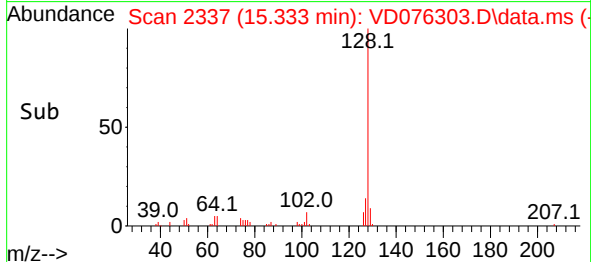
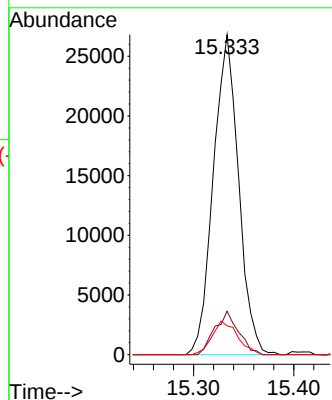
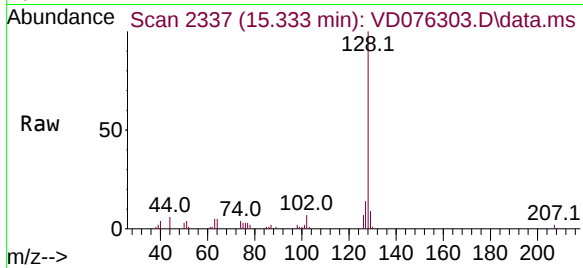




#95
Naphthalene
Concen: 10.762 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. -0.001 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 46885
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 8.869 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076303.D
Acq: 01 Jun 2023 18:06

Tgt Ion:180 Resp: 22610
Ion Ratio Lower Upper
180 100
182 97.4 47.3 141.9
145 30.3 15.1 45.3

