

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031023\
 Data File : VD075489.D
 Acq On : 10 Mar 2023 11:27
 Operator : KP/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Mar 10 23:05:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 16:02:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	111414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	188652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	169867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	83318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	20504	20.282	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	40.560%#		
35) Dibromofluoromethane	7.810	113	25026	19.369	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	38.740%#		
50) Toluene-d8	10.269	98	96078	18.823	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	37.640%#		
62) 4-Bromofluorobenzene	12.575	95	29098	19.720	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	39.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	23792	21.414	ug/l	97
3) Chloromethane	2.152	50	39582	21.353	ug/l	95
4) Vinyl Chloride	2.287	62	58126	21.739	ug/l	100
5) Bromomethane	2.687	94	44224	21.112	ug/l	95
6) Chloroethane	2.834	64	38644	21.577	ug/l	96
7) Trichlorofluoromethane	3.175	101	45350	21.044	ug/l	98
8) Diethyl Ether	3.593	74	11731	20.392	ug/l	63
9) 1,1,2-Trichlorotrifluo...	3.969	101	28808	20.545	ug/l	93
10) Methyl Iodide	4.169	142	33078	19.774	ug/l	92
11) Tert butyl alcohol	5.052	59	2616	56.038	ug/l #	100
12) 1,1-Dichloroethene	3.946	96	27188	19.634	ug/l	92
13) Acrolein	3.805	56	9815	105.663	ug/l	92
14) Allyl chloride	4.569	41	23824	19.996	ug/l #	82
15) Acrylonitrile	5.263	53	21076	99.911	ug/l	98
16) Acetone	4.022	43	17262	90.044	ug/l #	88
17) Carbon Disulfide	4.275	76	87048	20.834	ug/l	96
18) Methyl Acetate	4.564	43	11010	20.572	ug/l #	77
19) Methyl tert-butyl Ether	5.316	73	46871	19.518	ug/l	96
20) Methylene Chloride	4.799	84	34474	20.583	ug/l #	72
21) trans-1,2-Dichloroethene	5.311	96	31602	20.075	ug/l #	70
22) Diisopropyl ether	6.222	45	53328	20.650	ug/l #	90
23) Vinyl Acetate	6.158	43	126114	105.824	ug/l #	83
24) 1,1-Dichloroethane	6.111	63	44123	19.726	ug/l #	96
25) 2-Butanone	7.087	43	22163	94.018	ug/l #	68
26) 2,2-Dichloropropane	7.081	77	40497	19.684	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	33336	19.762	ug/l	81
28) Bromochloromethane	7.428	49	15162	21.025	ug/l #	50
29) Tetrahydrofuran	7.440	42	12839	100.071	ug/l #	51
30) Chloroform	7.599	83	50919	20.497	ug/l	92
31) Cyclohexane	7.881	56	36106	20.051	ug/l #	82
32) 1,1,1-Trichloroethane	7.793	97	44408	20.387	ug/l	94
36) 1,1-Dichloropropene	8.010	75	38819	20.273	ug/l	95
37) Ethyl Acetate	7.169	43	10261	20.567	ug/l #	85
38) Carbon Tetrachloride	7.993	117	36171	19.715	ug/l	97
39) Methylcyclohexane	9.275	83	48067	19.910	ug/l #	87
40) Benzene	8.252	78	113797	19.831	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	4837	17.976	ug/l #	59
42) 1,2-Dichloroethane	8.328	62	25454	20.151	ug/l	87
43) Isopropyl Acetate	8.363	43	18370	19.899	ug/l #	88
44) Trichloroethene	9.028	130	33101	19.627	ug/l	89
45) 1,2-Dichloropropane	9.304	63	25367	20.563	ug/l	96
46) Dibromomethane	9.393	93	15735	20.695	ug/l	98
47) Bromodichloromethane	9.587	83	36964	20.077	ug/l	93
48) Methyl methacrylate	9.381	41	8648	19.940	ug/l #	61
49) 1,4-Dioxane	9.381	88	2746	398.135	ug/l #	66
51) 4-Methyl-2-Pentanone	10.157	43	48349	100.705	ug/l #	83
52) Toluene	10.334	92	74014	19.904	ug/l	95
53) t-1,3-Dichloropropene	10.557	75	32549	19.653	ug/l	98
54) cis-1,3-Dichloropropene	10.022	75	39725	19.531	ug/l #	76
55) 1,1,2-Trichloroethane	10.734	97	21587	20.056	ug/l #	88
56) Ethyl methacrylate	10.599	69	19902	19.420	ug/l #	68
57) 1,3-Dichloropropane	10.881	76	32867	19.842	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.875	63	51568	102.817	ug/l #	87
59) 2-Hexanone	10.922	43	33042	97.319	ug/l	75
60) Dibromochloromethane	11.075	129	25272	19.873	ug/l	98
61) 1,2-Dibromoethane	11.181	107	19673	19.408	ug/l	94
64) Tetrachloroethene	10.810	164	25788	19.237	ug/l	96
65) Chlorobenzene	11.610	112	78952	19.598	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	26815	19.429	ug/l	97
67) Ethyl Benzene	11.687	91	135950	19.595	ug/l	98
68) m/p-Xylenes	11.798	106	110666	39.686	ug/l	94
69) o-Xylene	12.122	106	51161	19.755	ug/l	90
70) Styrene	12.140	104	84622	19.644	ug/l	94
71) Bromoform	12.304	173	14350	20.362	ug/l #	99
73) Isopropylbenzene	12.422	105	128524	19.262	ug/l	98
74) N-amyl acetate	12.240	43	16172	19.566	ug/l #	74
75) 1,1,2,2-Tetrachloroethane	12.675	83	22846	20.189	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	26581	38.625	ug/l #	100
77) Bromobenzene	12.704	156	30649	19.322	ug/l	90
78) n-propylbenzene	12.763	91	161233	19.887	ug/l	99
79) 2-Chlorotoluene	12.851	91	87137	19.835	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	106338	19.435	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.475	75	6431	19.796	ug/l #	73
82) 4-Chlorotoluene	12.951	91	88685	19.563	ug/l	92
83) tert-Butylbenzene	13.169	119	89138	18.745	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	107522	20.334	ug/l	98
85) sec-Butylbenzene	13.351	105	142747	19.390	ug/l	100
86) p-Isopropyltoluene	13.463	119	115324	19.171	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	62583	19.087	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	62354	19.224	ug/l	99
89) n-Butylbenzene	13.792	91	107634	19.510	ug/l	99
90) Hexachloroethane	14.057	117	22506	19.375	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	53288	19.205	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2875	20.189	ug/l	81
93) 1,2,4-Trichlorobenzene	15.104	180	29172	18.028	ug/l	96
94) Hexachlorobutadiene	15.204	225	14479	18.761	ug/l	98
95) Naphthalene	15.339	128	53147	17.892	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	24781	17.748	ug/l	97

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QLast Update : Fri Mar 10 16:02:39 2023
Response via : Initial Calibration

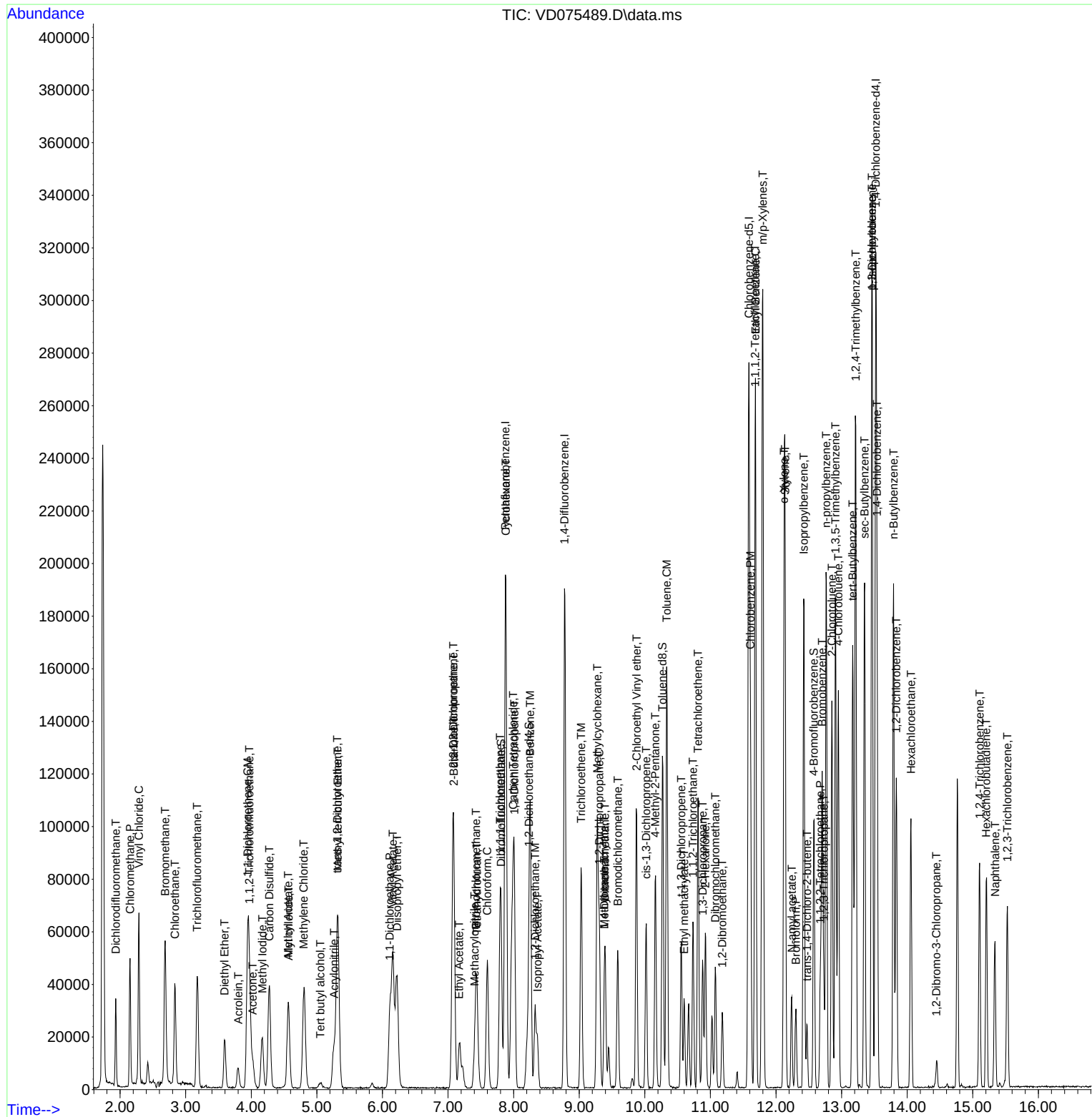
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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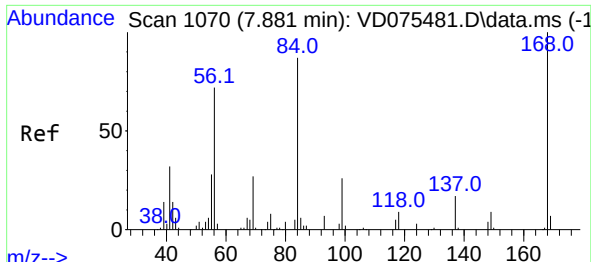
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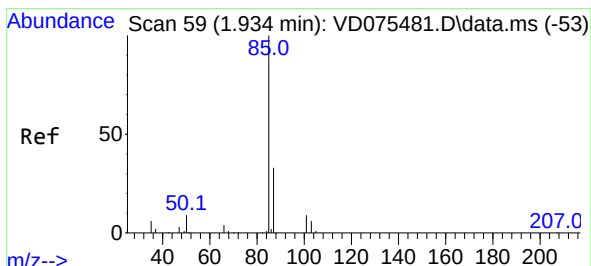
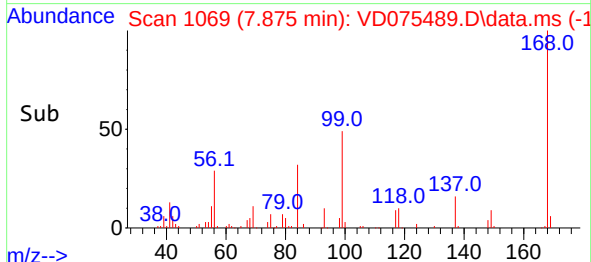
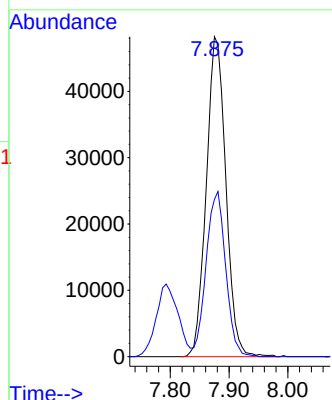
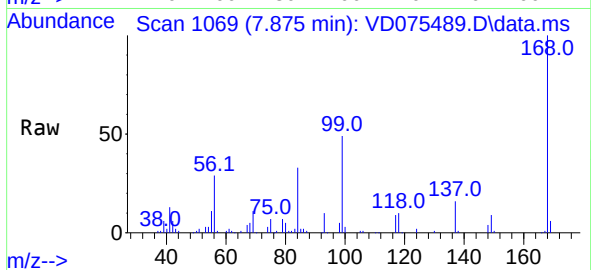




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD075489.D
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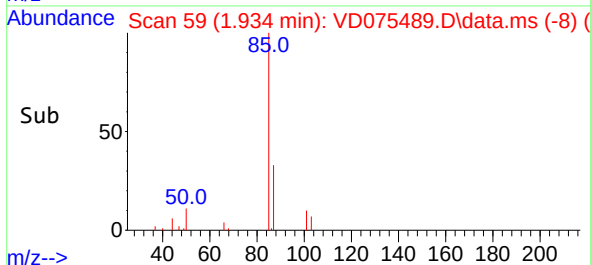
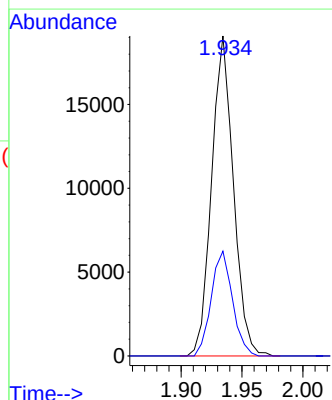
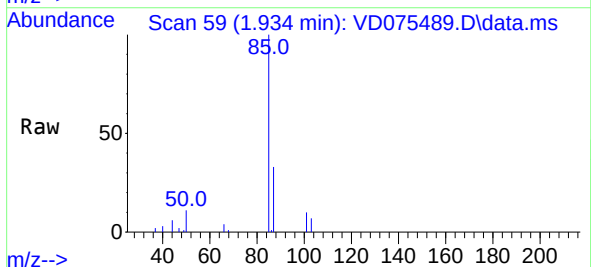
Instrument :
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ClientSampleId :
VSTDIC020

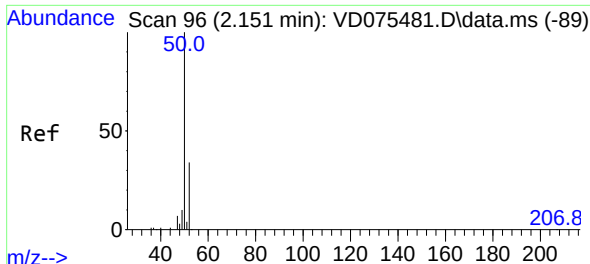
Tgt Ion:168 Resp: 111414
Ion Ratio Lower Upper
168 100
99 49.2 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 21.414 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion: 85 Resp: 23792
Ion Ratio Lower Upper
85 100
87 32.8 17.3 51.7

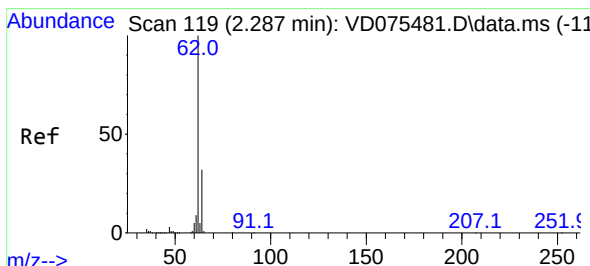
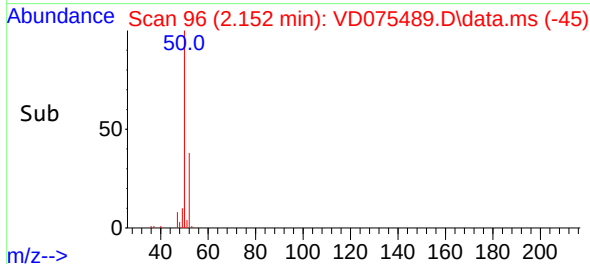
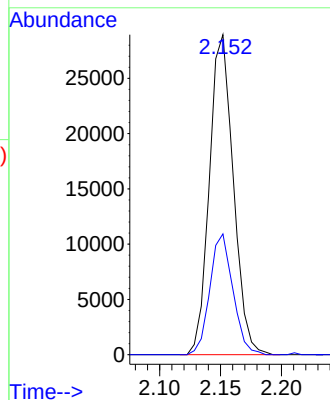
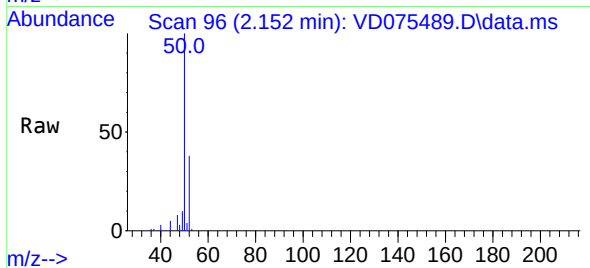




#3
Chloromethane
Concen: 21.353 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

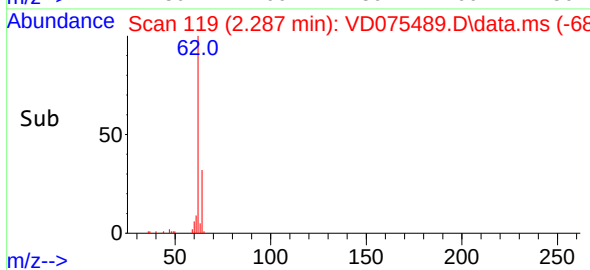
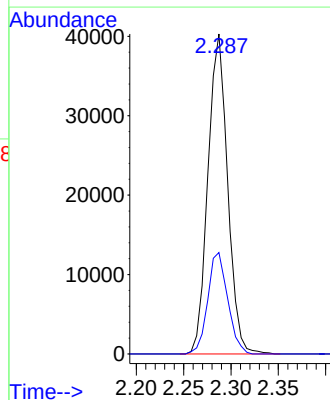
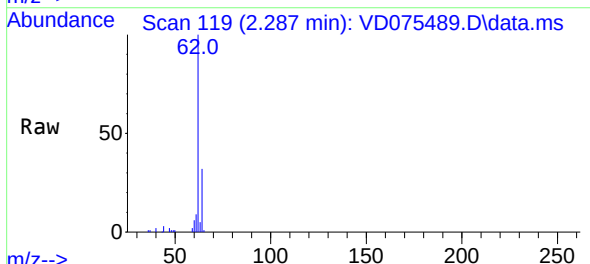
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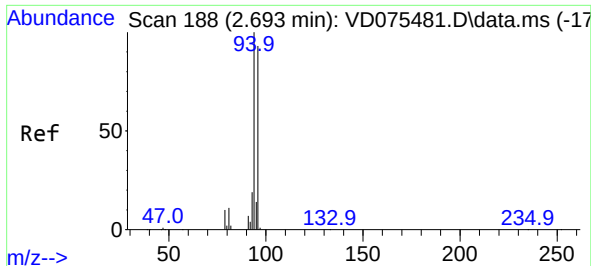
Tgt Ion: 50 Resp: 39582
Ion Ratio Lower Upper
50 100
52 37.8 27.8 41.8



#4
Vinyl Chloride
Concen: 21.739 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion: 62 Resp: 58126
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0

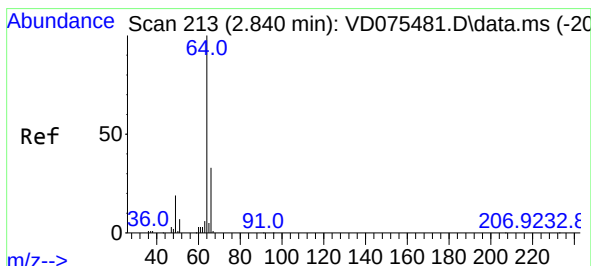
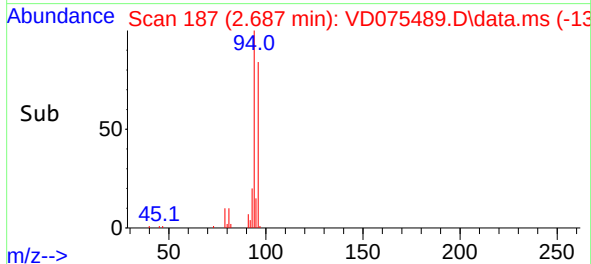
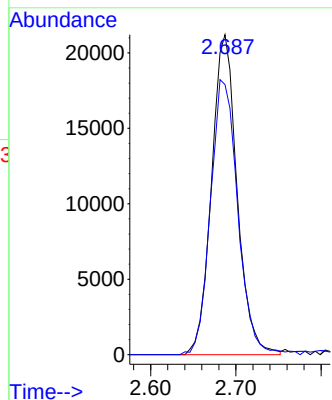
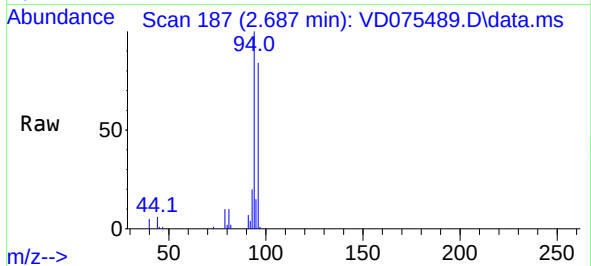




#5
Bromomethane
Concen: 21.112 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075489.D
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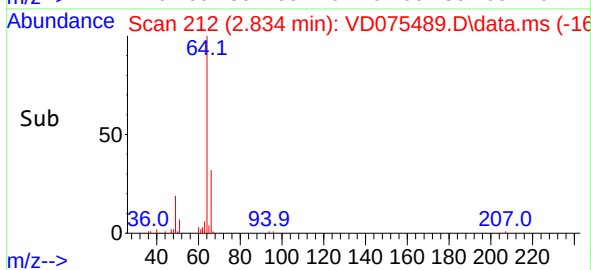
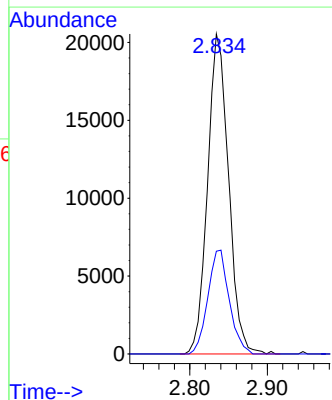
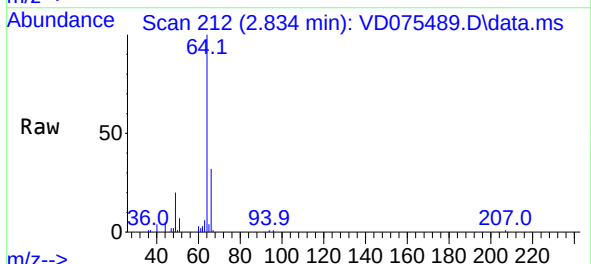
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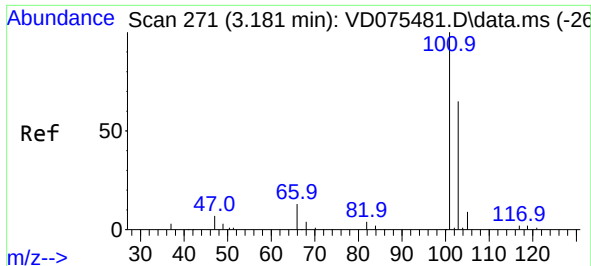
Tgt Ion: 94 Resp: 44224
Ion Ratio Lower Upper
94 100
96 92.0 77.5 116.3



#6
Chloroethane
Concen: 21.577 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion: 64 Resp: 38644
Ion Ratio Lower Upper
64 100
66 32.1 27.7 41.5

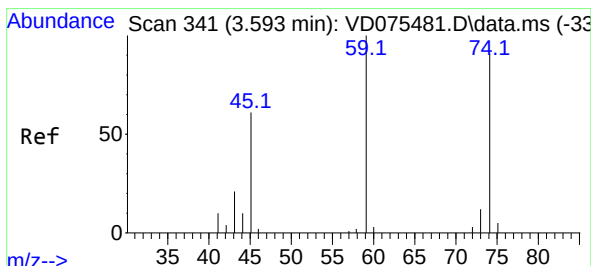
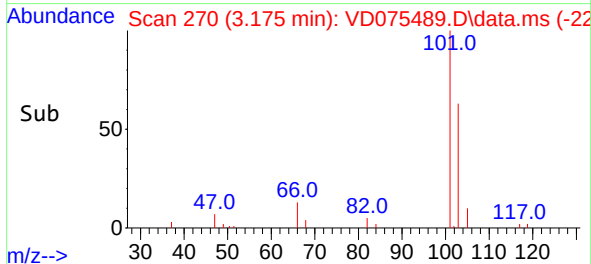
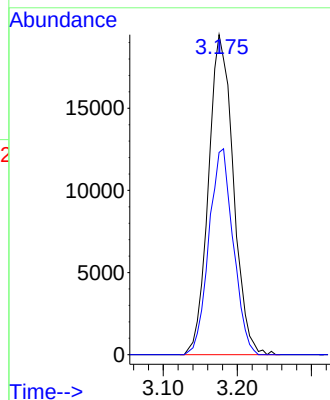
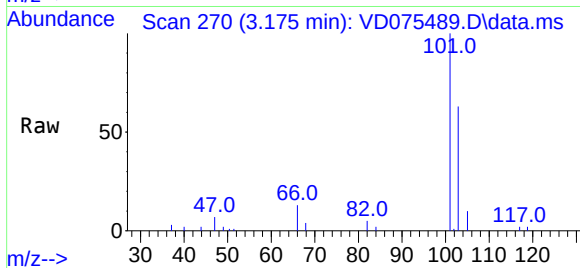




#7
Trichlorofluoromethane
Concen: 21.044 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

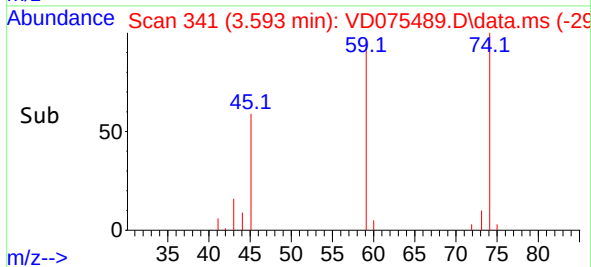
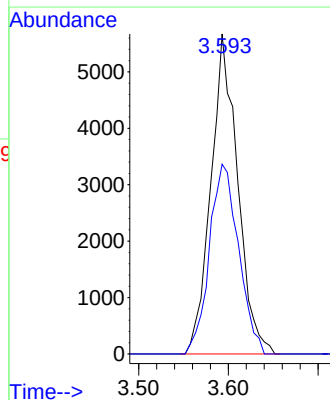
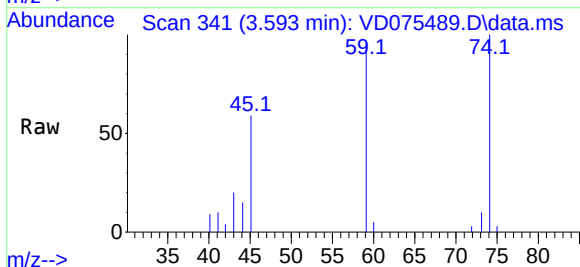
Instrument :
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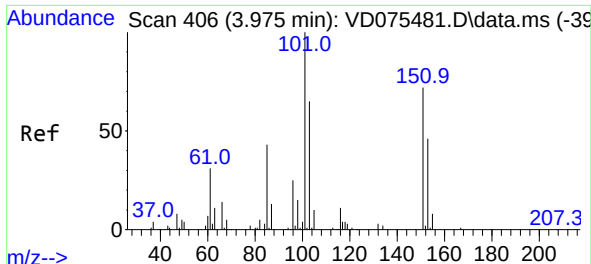
Tgt Ion:101 Resp: 45350
Ion Ratio Lower Upper
101 100
103 63.2 51.9 77.9



#8
Diethyl Ether
Concen: 20.392 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion: 74 Resp: 11731
Ion Ratio Lower Upper
74 100
45 64.7 50.9 152.7

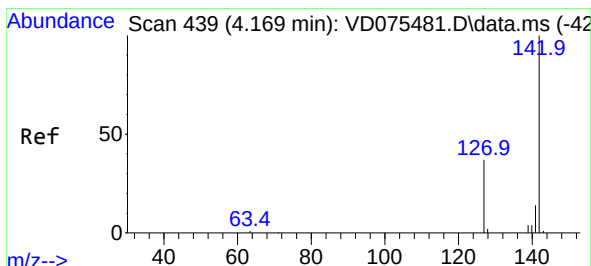
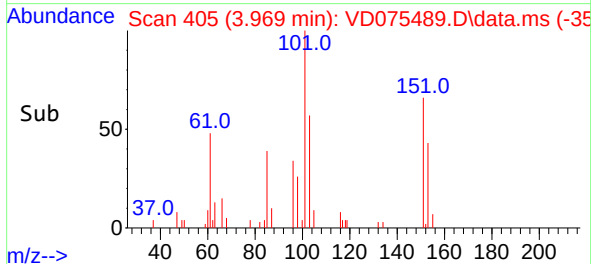
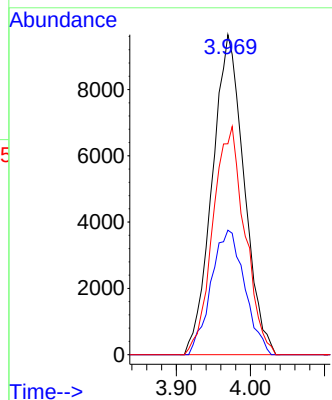
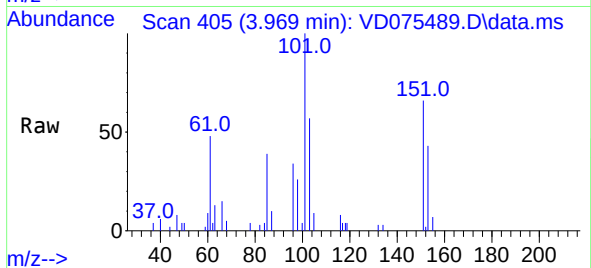




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.545 ug/l
RT: 3.969 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

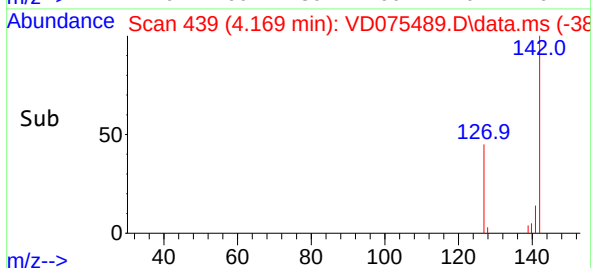
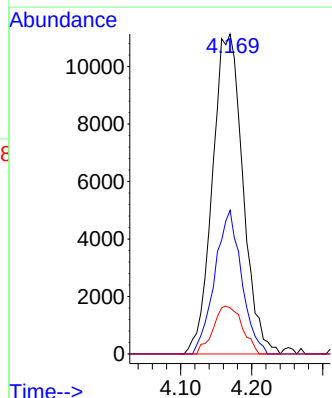
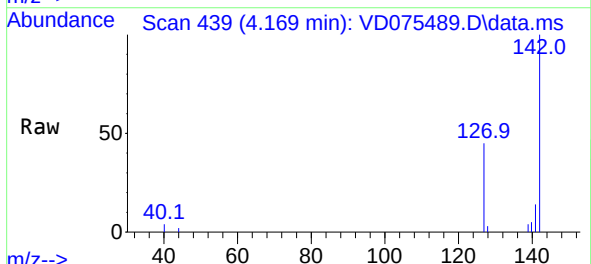
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

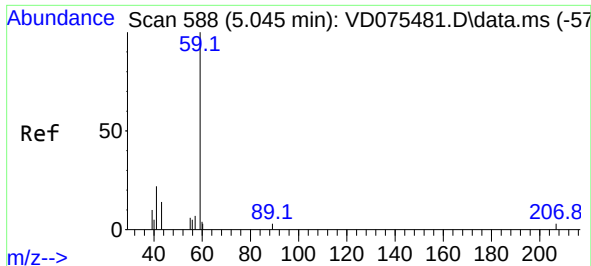
Tgt Ion:101 Resp: 28808
Ion Ratio Lower Upper
101 100
85 40.9 38.3 57.5
151 71.8 60.4 90.6



#10
Methyl Iodide
Concen: 19.774 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion:142 Resp: 33078
Ion Ratio Lower Upper
142 100
127 39.6 37.1 55.7
141 14.2 11.3 16.9





#11

Tert butyl alcohol

Concen: 56.038 ug/l

RT: 5.052 min Scan# 5

Delta R.T. -0.012 min

Lab File: VD075489.D

Acq: 10 Mar 2023 11:27

Instrument :

MSVOA_D

ClientSampleId :

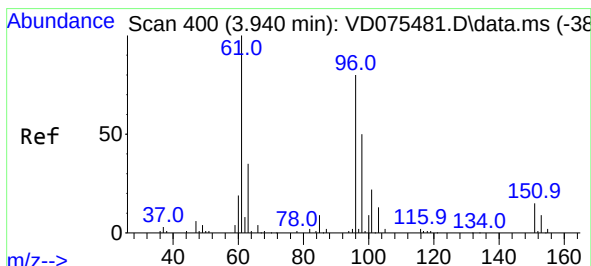
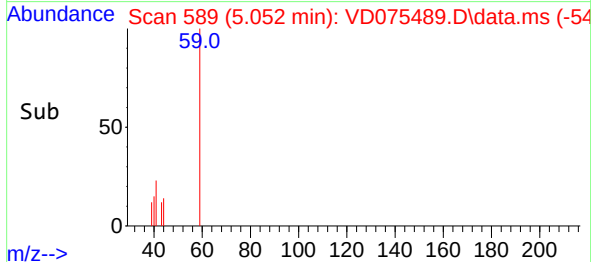
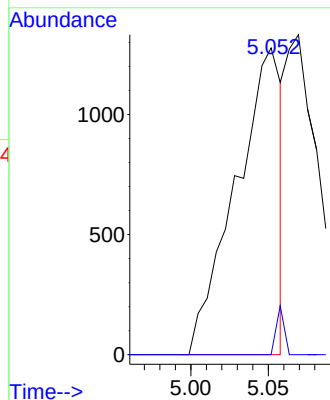
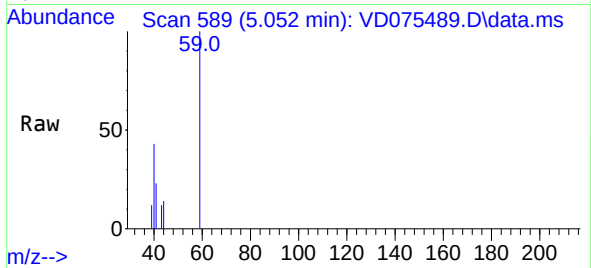
VSTDICC020

Tgt Ion: 59 Resp: 2616

Ion Ratio Lower Upper

59 100

57 0.0 0.0 0.0



#12

1,1-Dichloroethene

Concen: 19.634 ug/l

RT: 3.946 min Scan# 401

Delta R.T. -0.000 min

Lab File: VD075489.D

Acq: 10 Mar 2023 11:27

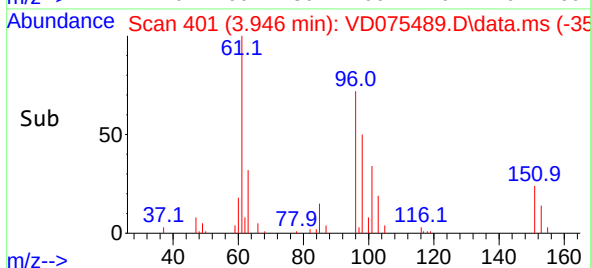
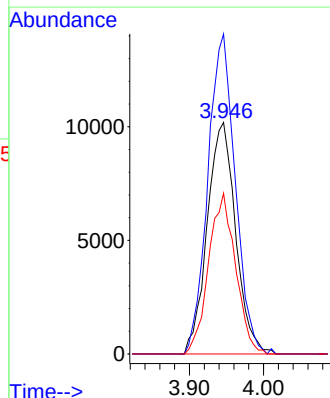
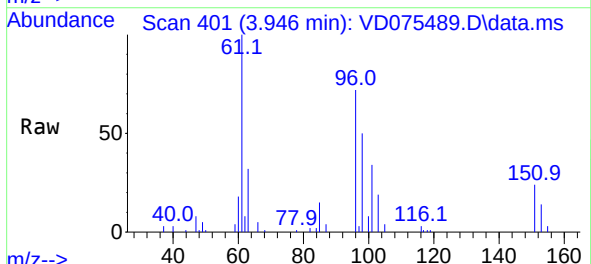
Tgt Ion: 96 Resp: 27188

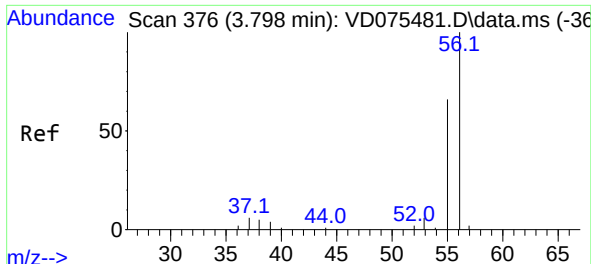
Ion Ratio Lower Upper

96 100

61 138.3 118.6 177.8

98 69.4 49.7 74.5

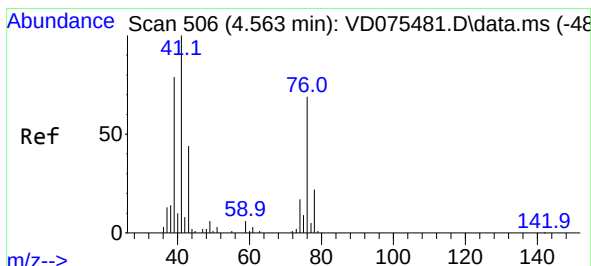
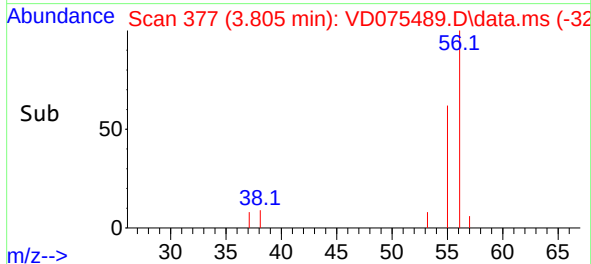
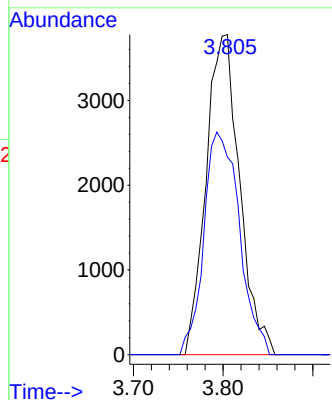
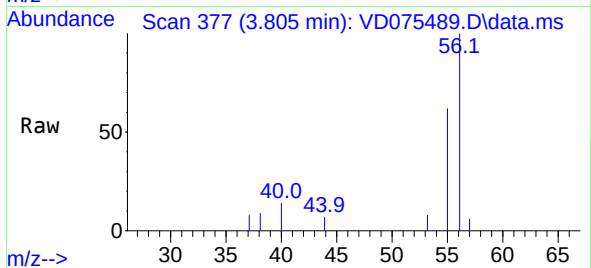




#13
Acrolein
Concen: 105.663 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

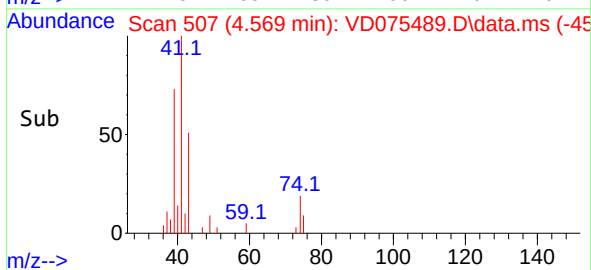
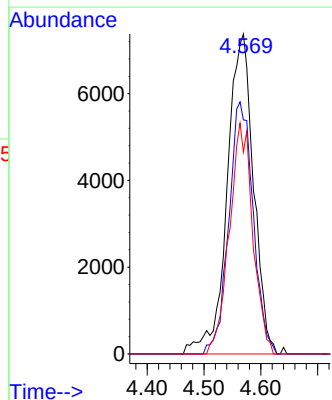
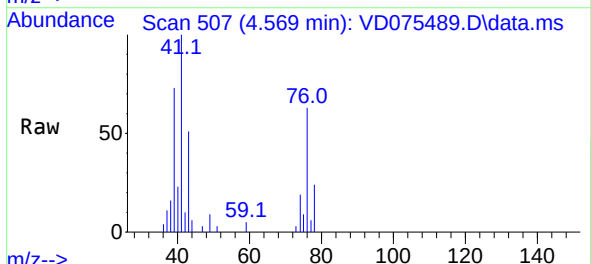
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

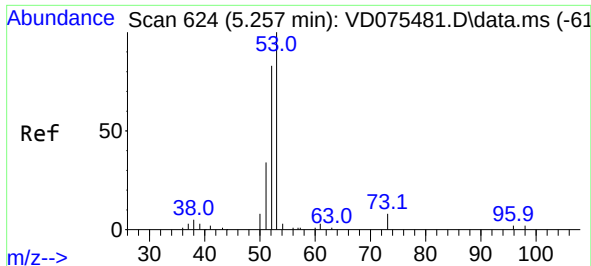
Tgt Ion: 56 Resp: 9815
Ion Ratio Lower Upper
56 100
55 73.5 53.9 80.9



#14
Allyl chloride
Concen: 19.996 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion: 41 Resp: 23824
Ion Ratio Lower Upper
41 100
39 72.8 60.6 90.8
76 63.9 28.6 43.0#





#15

Acrylonitrile

Concen: 99.911 ug/l

RT: 5.263 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD075489.D

Acq: 10 Mar 2023 11:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

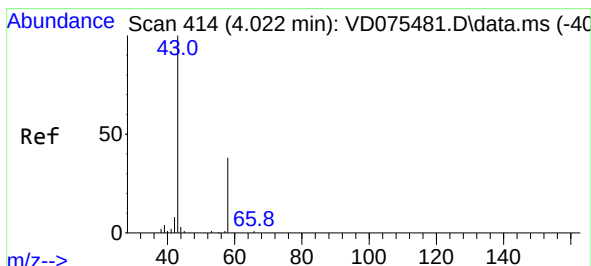
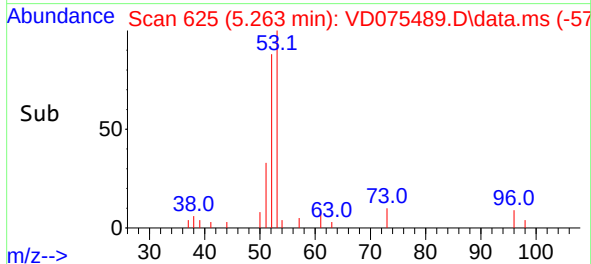
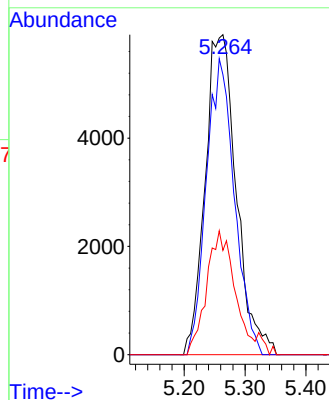
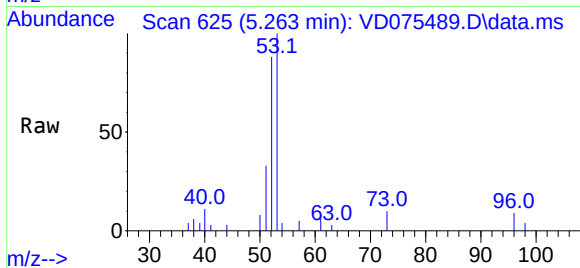
Tgt Ion: 53 Resp: 21076

Ion Ratio Lower Upper

53 100

52 83.2 66.2 99.4

51 34.9 30.7 46.1



#16

Acetone

Concen: 90.044 ug/l

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD075489.D

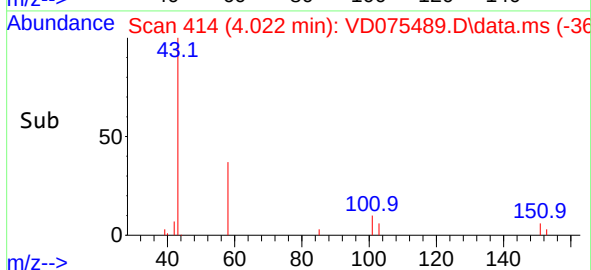
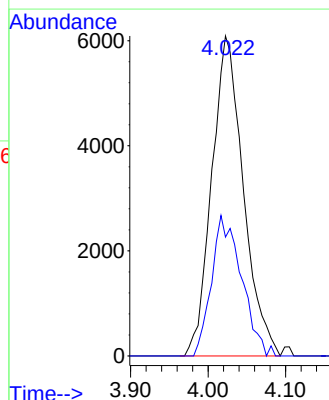
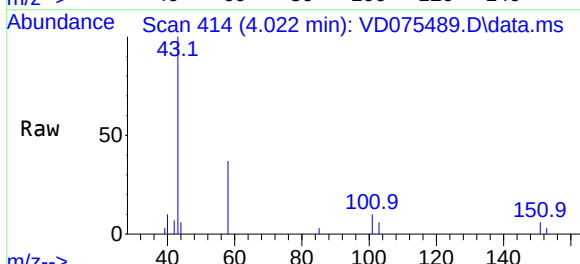
Acq: 10 Mar 2023 11:27

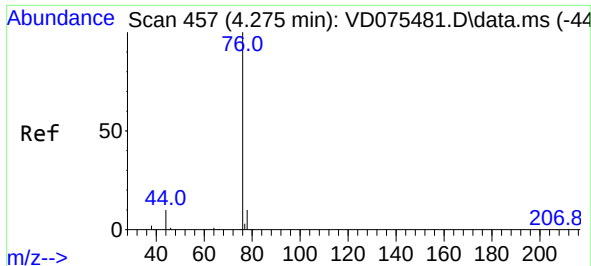
Tgt Ion: 43 Resp: 17262

Ion Ratio Lower Upper

43 100

58 37.1 24.4 36.6#

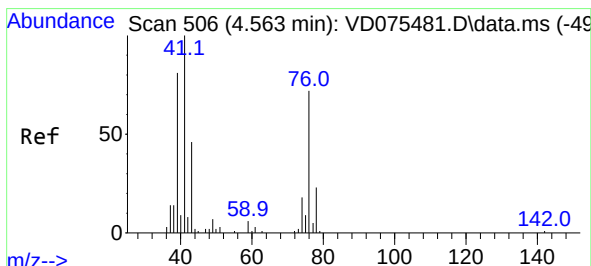
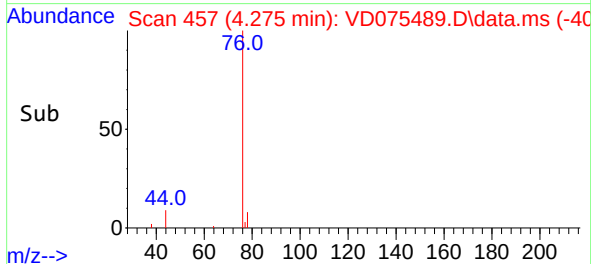
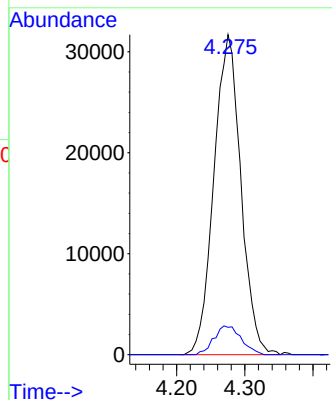
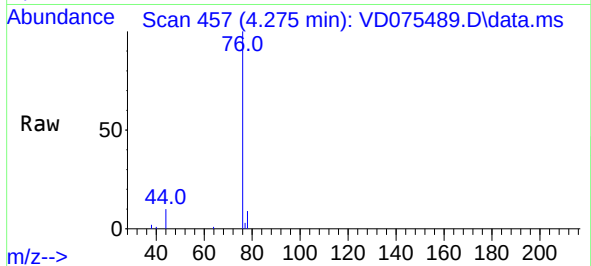




#17
Carbon Disulfide
Concen: 20.834 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

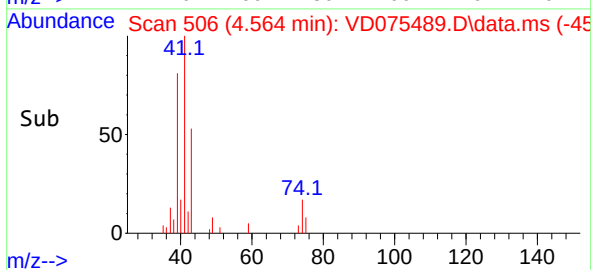
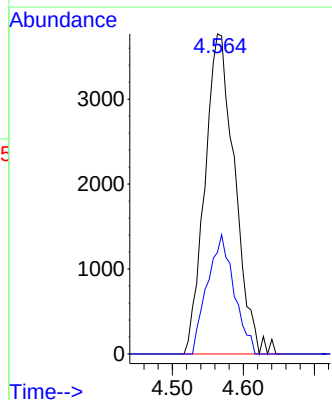
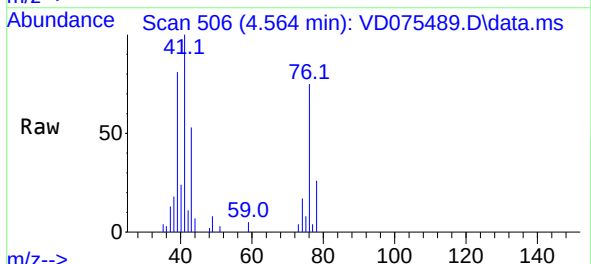
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

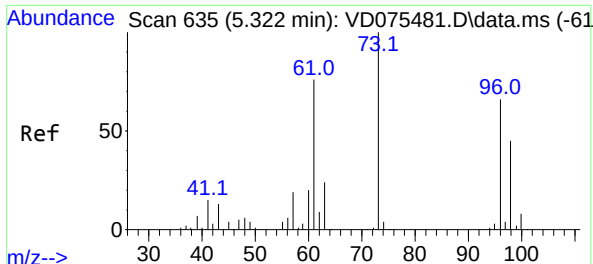
Tgt Ion: 76 Resp: 87048
Ion Ratio Lower Upper
76 100
78 8.5 8.0 12.0



#18
Methyl Acetate
Concen: 20.572 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion: 43 Resp: 11010
Ion Ratio Lower Upper
43 100
74 33.3 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 19.518 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD075489.D

Acq: 10 Mar 2023 11:27

Instrument :

MSVOA_D

ClientSampleId :

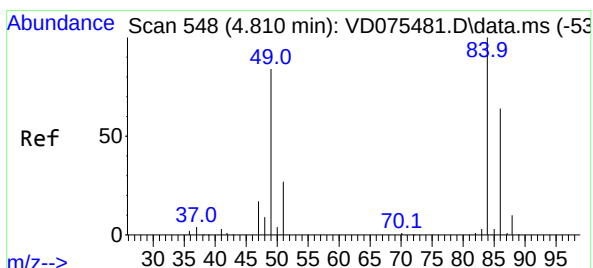
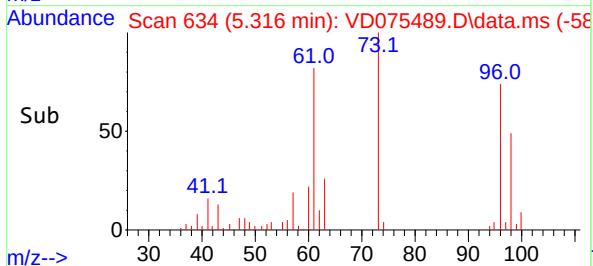
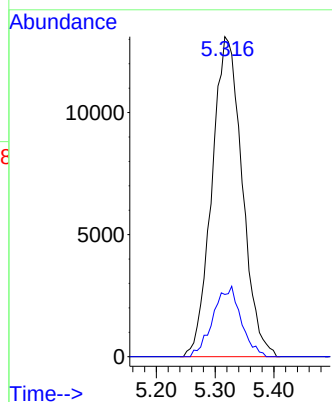
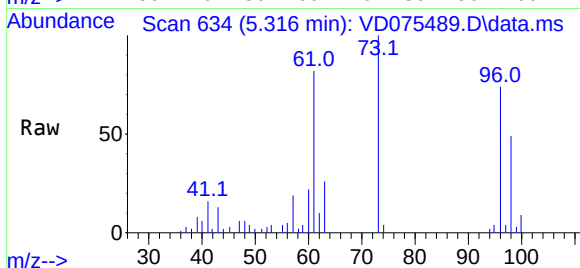
VSTDIC020

Tgt Ion: 73 Resp: 46871

Ion Ratio Lower Upper

73 100

57 19.5 17.2 25.8



#20

Methylene Chloride

Concen: 20.583 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD075489.D

Acq: 10 Mar 2023 11:27

Tgt Ion: 84 Resp: 34474

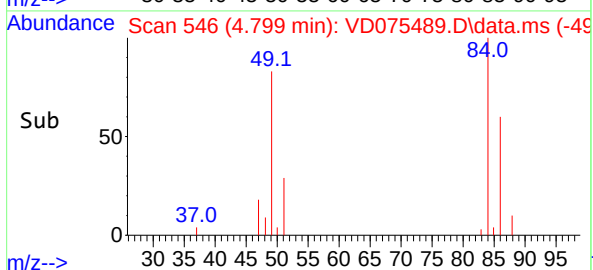
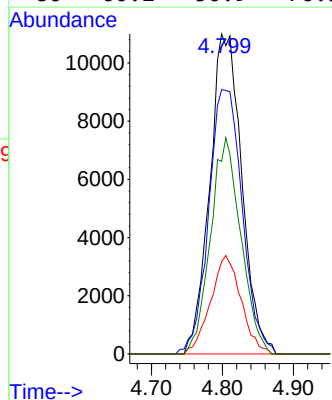
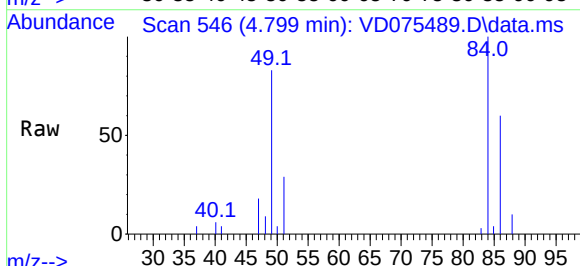
Ion Ratio Lower Upper

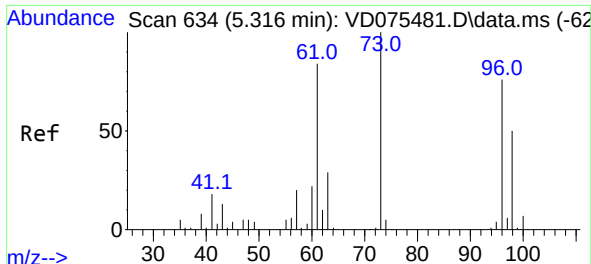
84 100

49 82.6 106.4 159.6#

51 28.8 32.4 48.6#

86 60.2 50.9 76.3

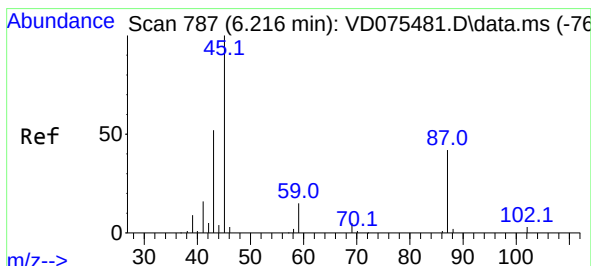
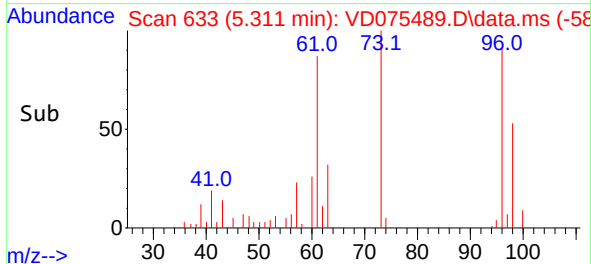
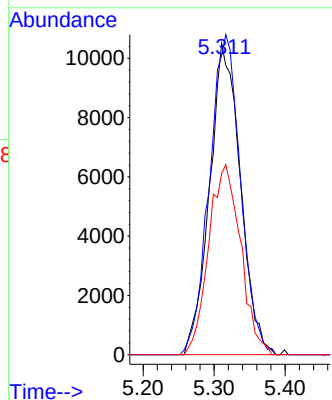
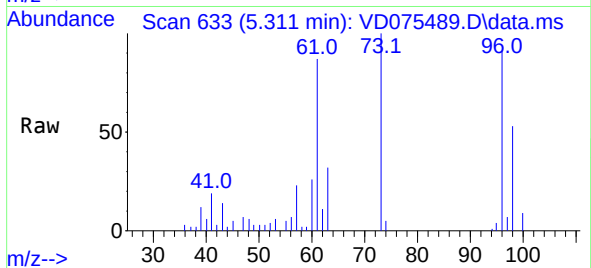




#21
trans-1,2-Dichloroethene
Concen: 20.075 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

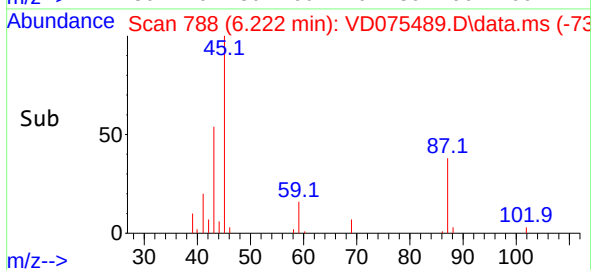
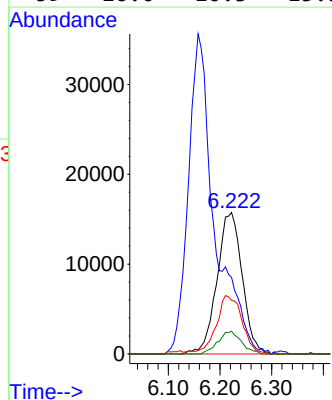
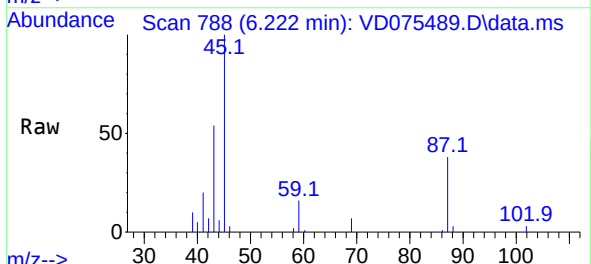
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

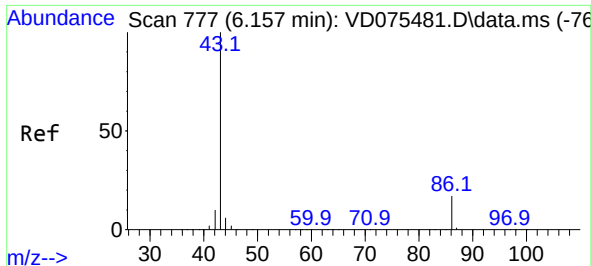
Tgt Ion: 96 Resp: 31602
Ion Ratio Lower Upper
96 100
61 96.2 117.2 175.8#
98 58.1 50.6 76.0



#22
Diisopropyl ether
Concen: 20.650 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion: 45 Resp: 53328
Ion Ratio Lower Upper
45 100
43 52.1 44.4 66.6
87 38.0 20.9 31.3#
59 16.0 10.3 15.5#

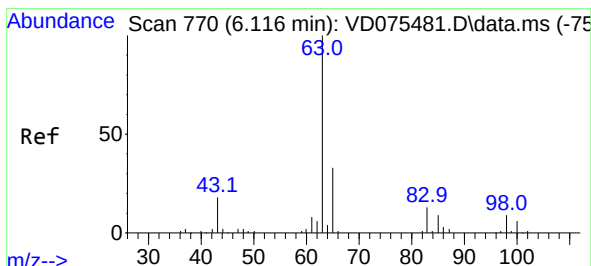
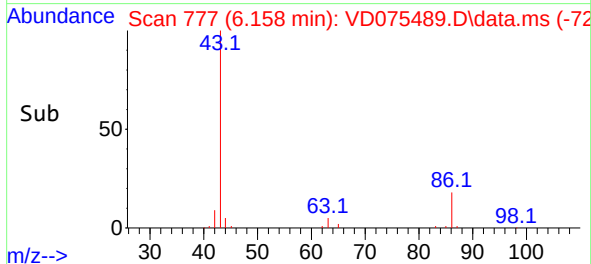
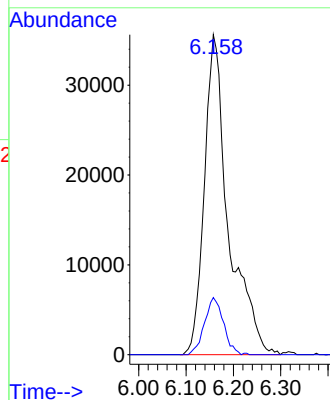
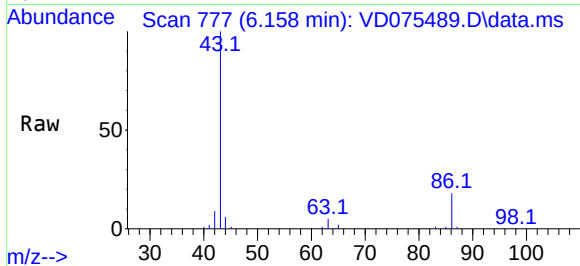




#23
Vinyl Acetate
Concen: 105.824 ug/l
RT: 6.158 min Scan# 714
Delta R.T. -0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

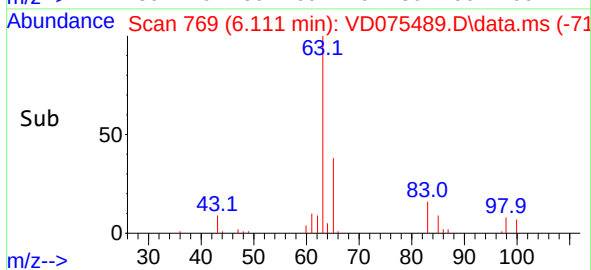
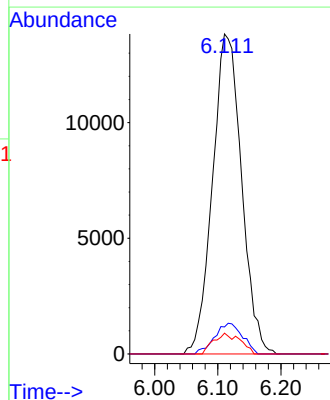
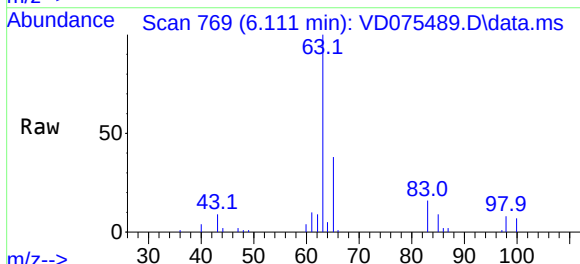
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

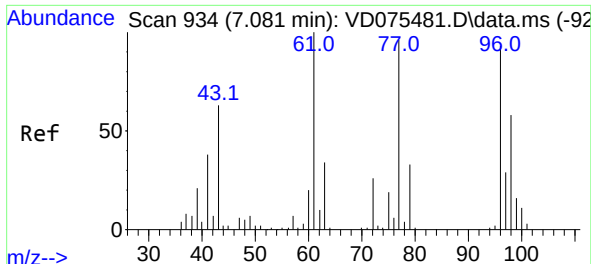
Tgt Ion: 43 Resp: 126114
Ion Ratio Lower Upper
43 100
86 17.9 9.0 13.6#



#24
1,1-Dichloroethane
Concen: 19.726 ug/l
RT: 6.111 min Scan# 769
Delta R.T. -0.005 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion: 63 Resp: 44123
Ion Ratio Lower Upper
63 100
98 8.4 3.9 11.7
100 6.5 2.0 6.0#

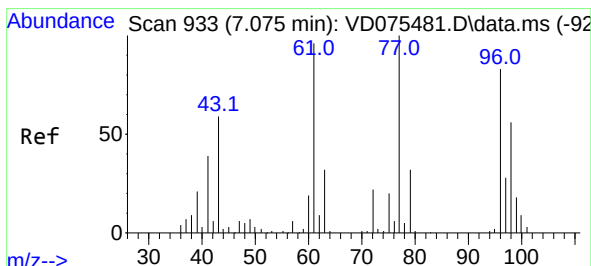
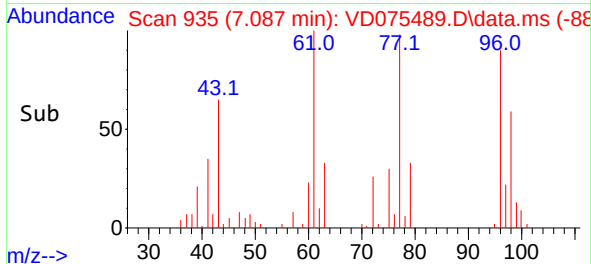
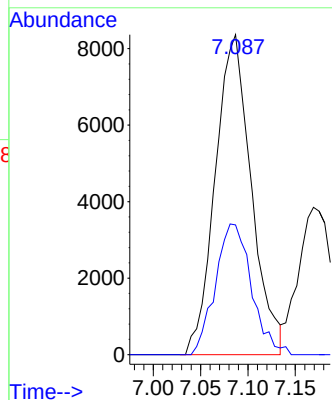
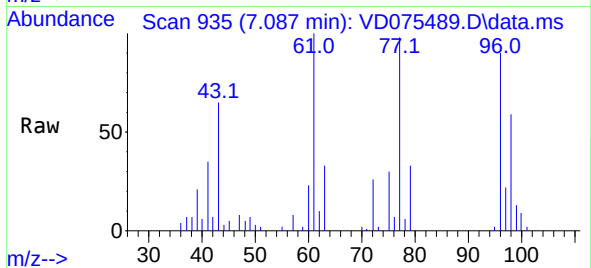




#25
2-Butanone
Concen: 94.018 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

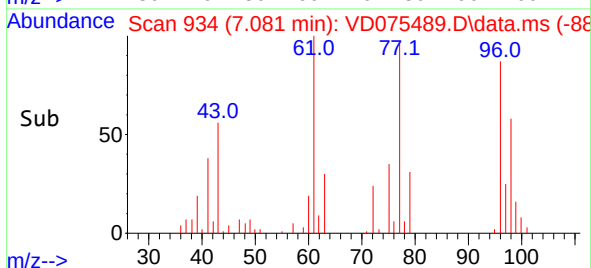
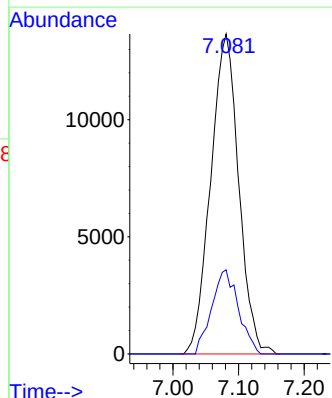
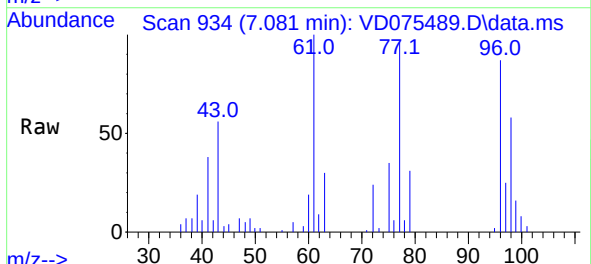
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

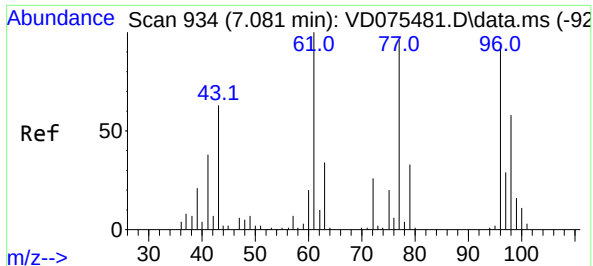
Tgt Ion: 43 Resp: 22163
Ion Ratio Lower Upper
43 100
72 40.6 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 19.684 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion: 77 Resp: 40497
Ion Ratio Lower Upper
77 100
97 25.1 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 19.762 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD075489.D

Acq: 10 Mar 2023 11:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

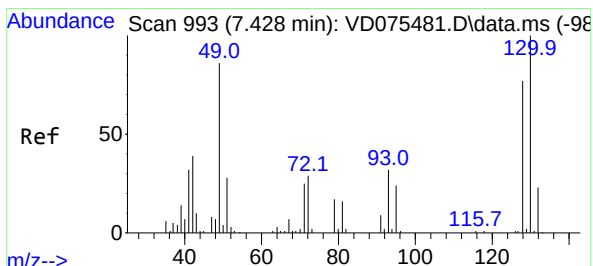
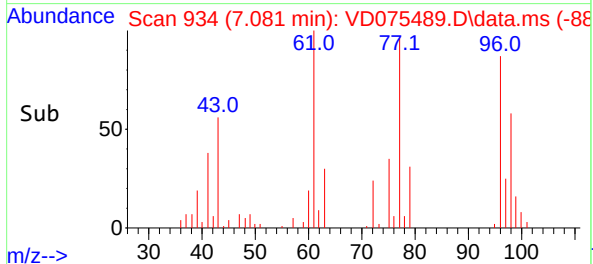
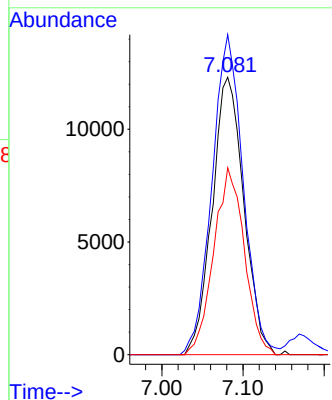
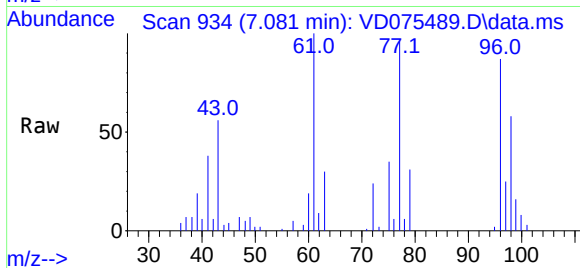
Tgt Ion: 96 Resp: 33336

Ion Ratio Lower Upper

96 100

61 114.1 0.0 295.2

98 65.2 0.0 129.2



#28

Bromochloromethane

Concen: 21.025 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD075489.D

Acq: 10 Mar 2023 11:27

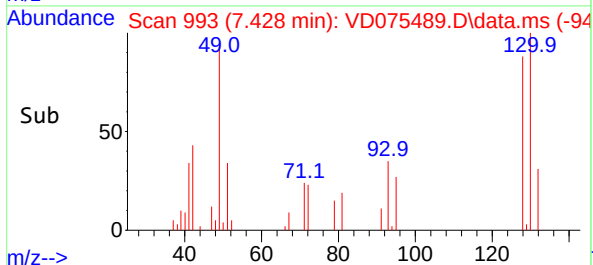
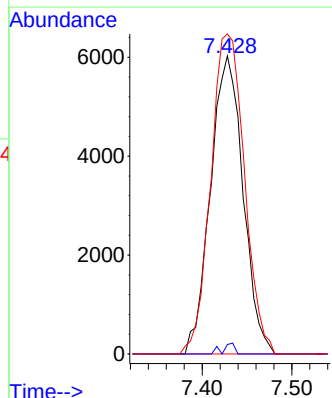
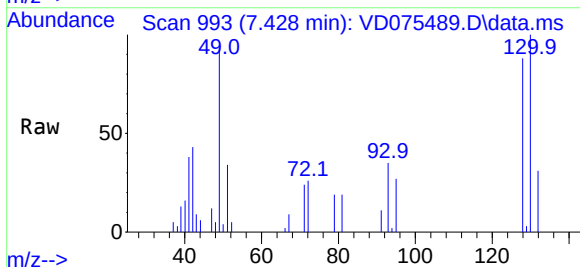
Tgt Ion: 49 Resp: 15162

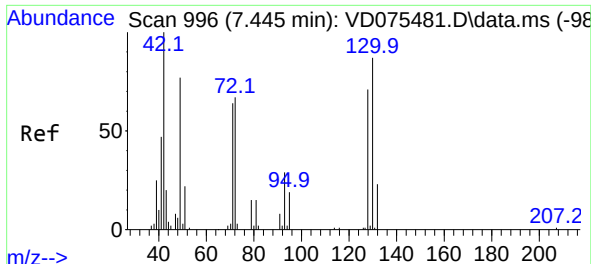
Ion Ratio Lower Upper

49 100

129 1.3 0.0 2.2

130 111.4 56.0 84.0#





#29

Tetrahydrofuran

Concen: 100.071 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD075489.D

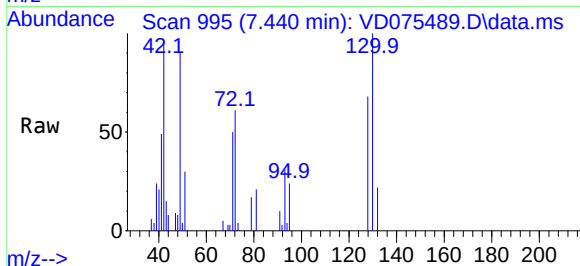
Acq: 10 Mar 2023 11:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020



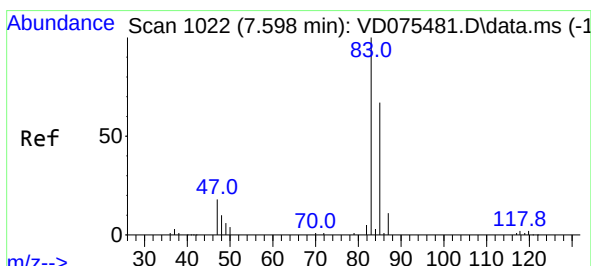
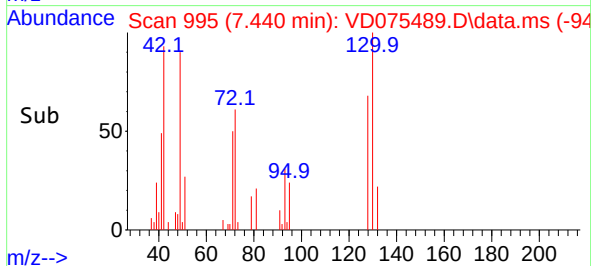
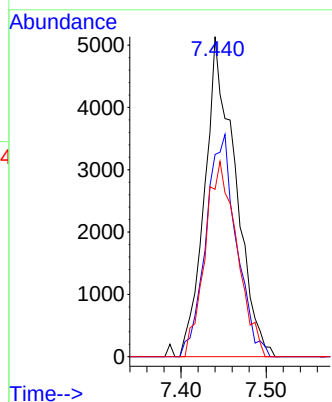
Tgt Ion: 42 Resp: 12839

Ion Ratio Lower Upper

42 100

72 69.6 31.8 47.6#

71 63.4 27.6 41.4#



#30

Chloroform

Concen: 20.497 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD075489.D

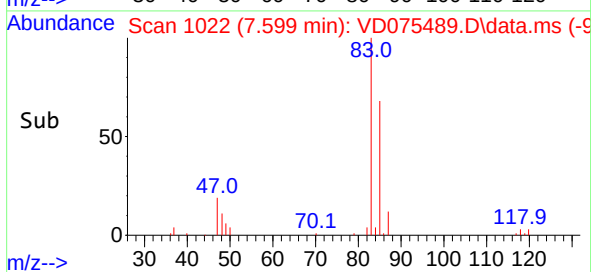
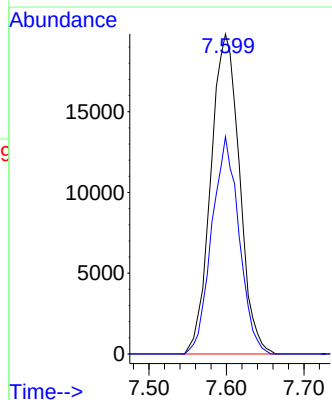
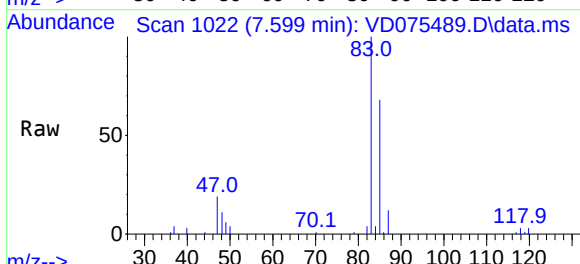
Acq: 10 Mar 2023 11:27

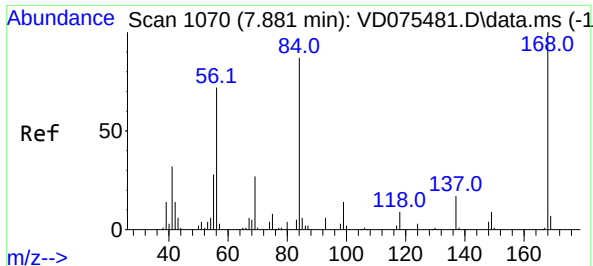
Tgt Ion: 83 Resp: 50919

Ion Ratio Lower Upper

83 100

85 67.9 49.4 74.2

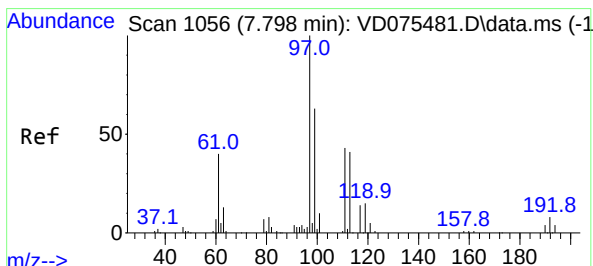
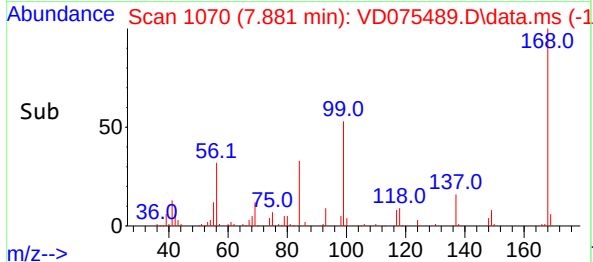
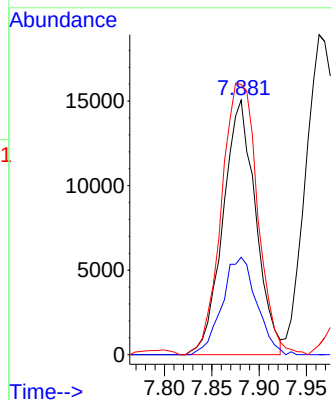
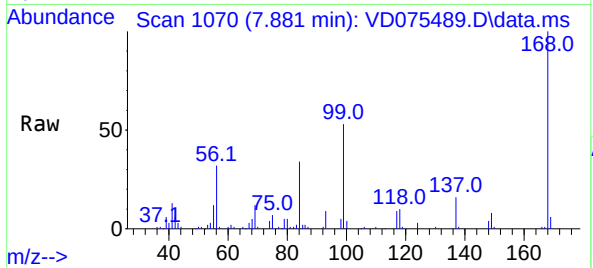




#31
Cyclohexane
Concen: 20.051 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

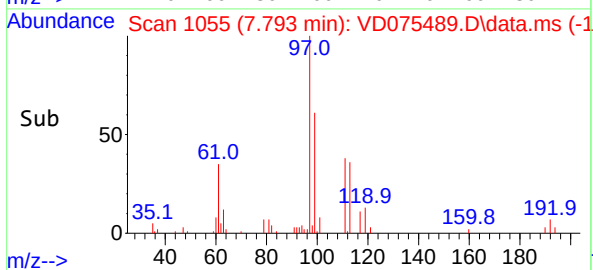
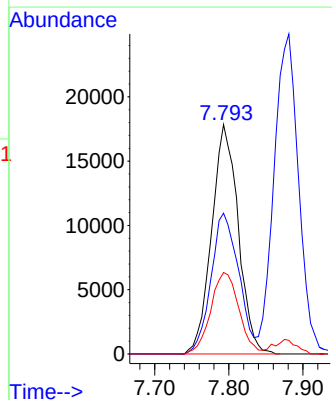
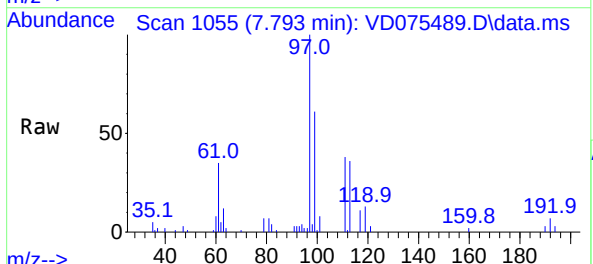
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

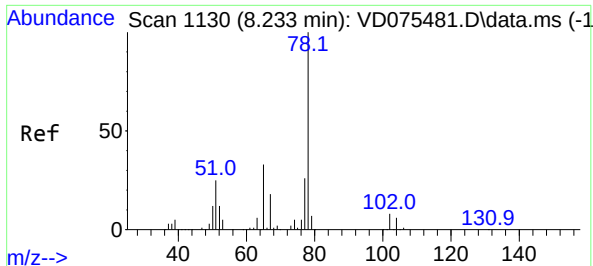
Tgt Ion: 56 Resp: 36106
Ion Ratio Lower Upper
56 100
69 38.3 25.5 38.3#
84 106.2 69.6 104.4#



#32
1,1,1-Trichloroethane
Concen: 20.387 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion: 97 Resp: 44408
Ion Ratio Lower Upper
97 100
99 63.8 50.5 75.7
61 37.8 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 20.282 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD075489.D

Acq: 10 Mar 2023 11:27

Instrument :

MSVOA_D

ClientSampleId :

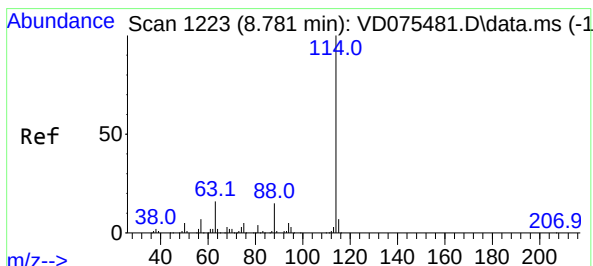
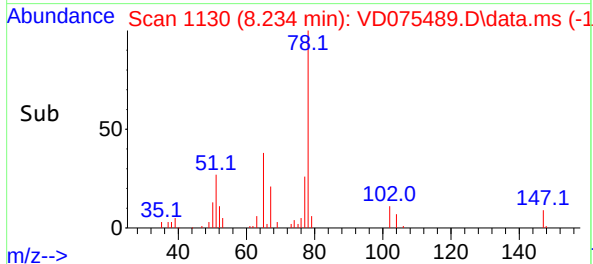
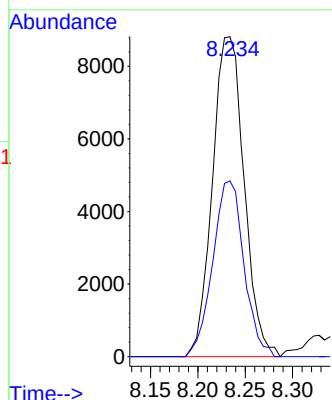
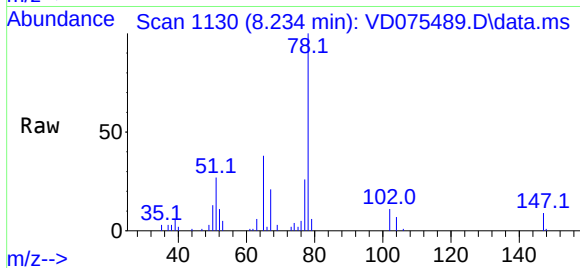
VSTDIC020

Tgt Ion: 65 Resp: 20504

Ion Ratio Lower Upper

65 100

67 54.1 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD075489.D

Acq: 10 Mar 2023 11:27

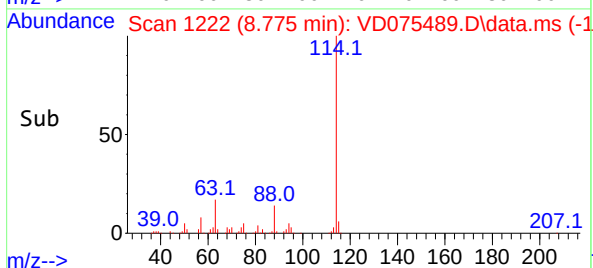
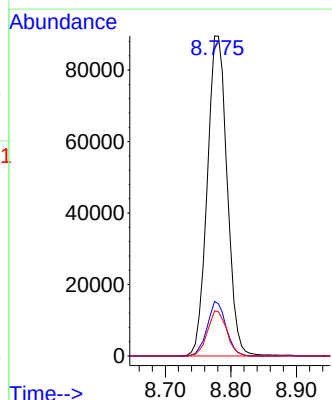
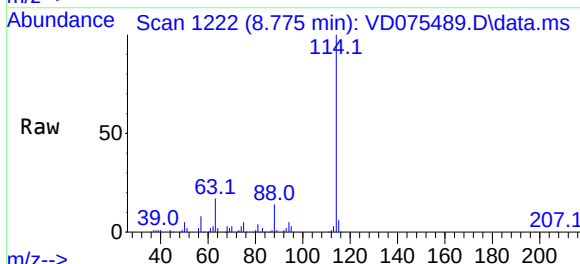
Tgt Ion: 114 Resp: 188652

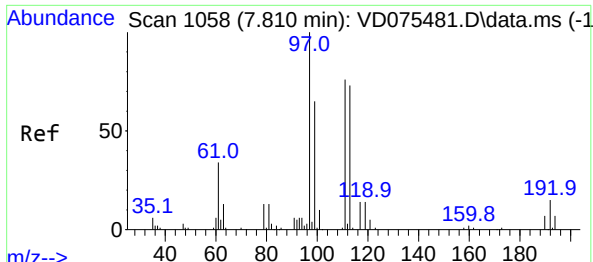
Ion Ratio Lower Upper

114 100

63 17.1 0.0 41.6

88 14.1 0.0 30.6

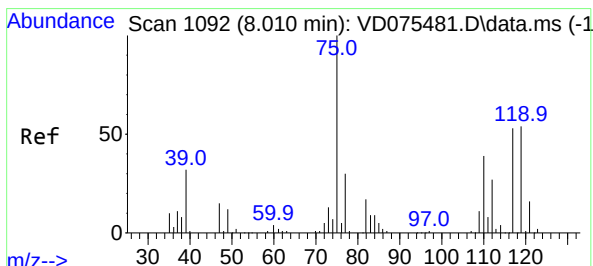
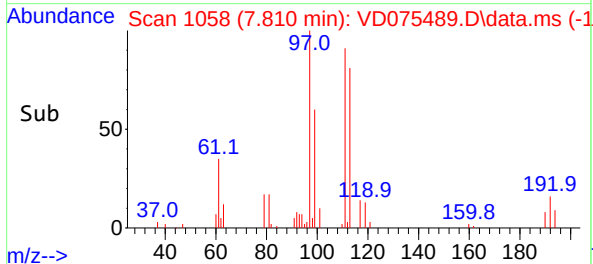
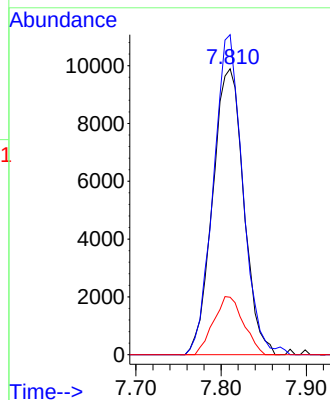
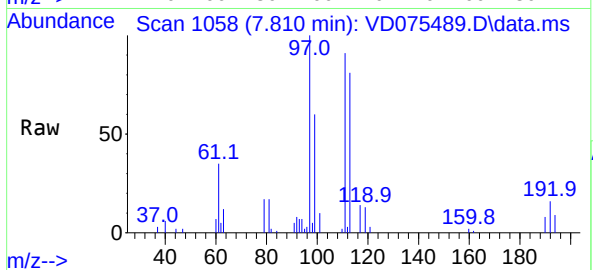




#35
Dibromofluoromethane
Concen: 19.369 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

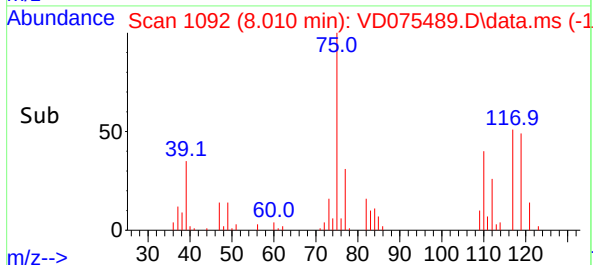
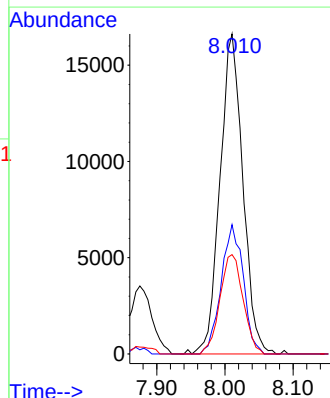
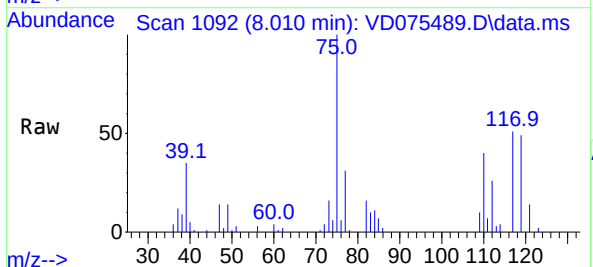
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

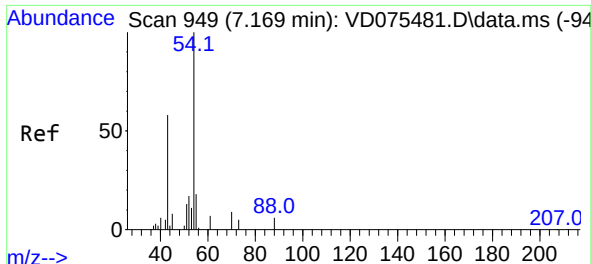
Tgt Ion:113 Resp: 25026
Ion Ratio Lower Upper
113 100
111 105.7 81.4 122.0
192 19.5 15.2 22.8



#36
1,1-Dichloropropene
Concen: 20.273 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

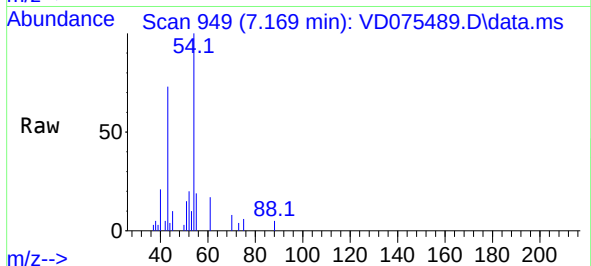
Tgt Ion: 75 Resp: 38819
Ion Ratio Lower Upper
75 100
110 39.0 17.1 51.2
77 31.4 24.6 36.8



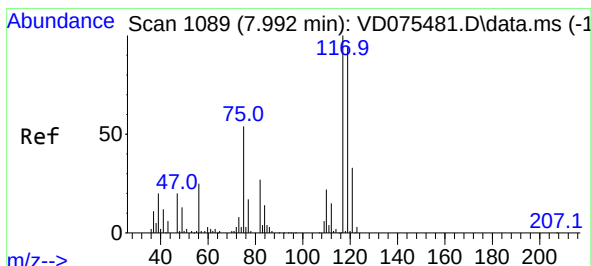
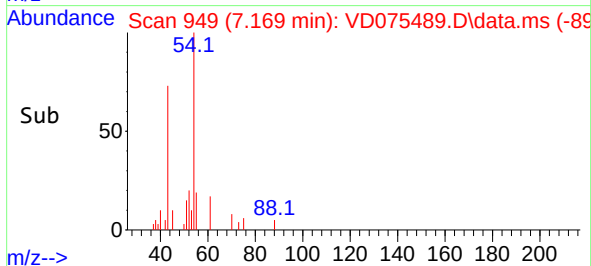
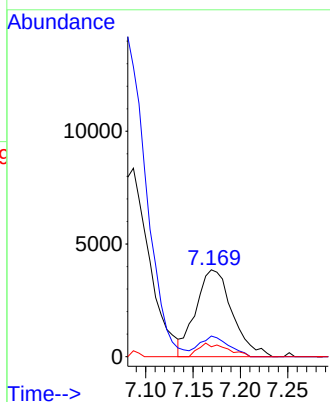


#37
Ethyl Acetate
Concen: 20.567 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.006 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

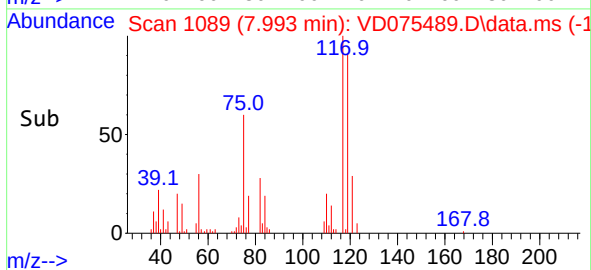
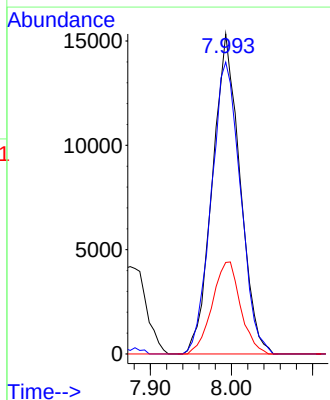
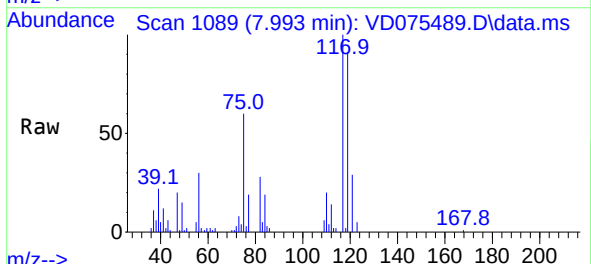


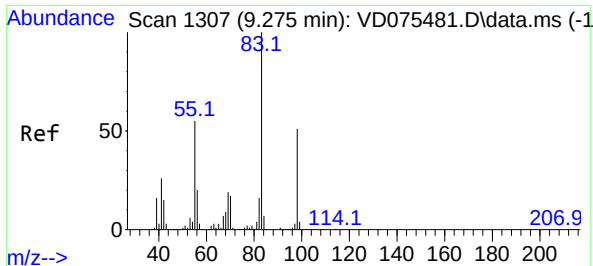
Tgt Ion: 43 Resp: 10261
Ion Ratio Lower Upper
43 100
61 18.9 0.0 0.0#
70 12.2 5.6 8.4#



#38
Carbon Tetrachloride
Concen: 19.715 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion: 117 Resp: 36171
Ion Ratio Lower Upper
117 100
119 91.2 74.7 112.1
121 28.6 25.9 38.9





#39

Methylcyclohexane

Concen: 19.910 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD075489.D

Acq: 10 Mar 2023 11:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

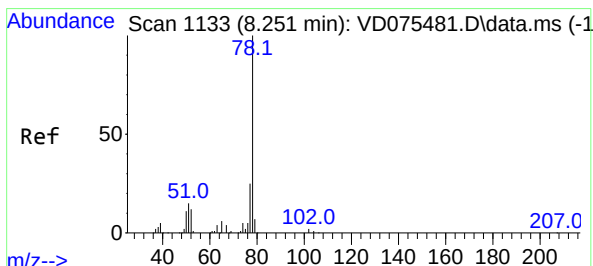
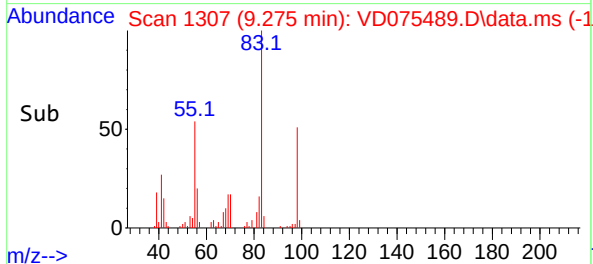
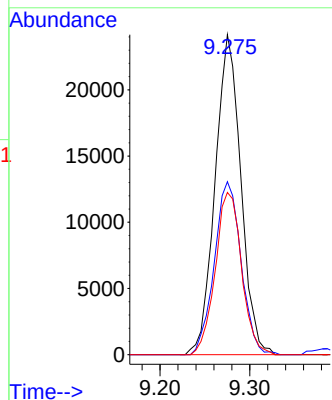
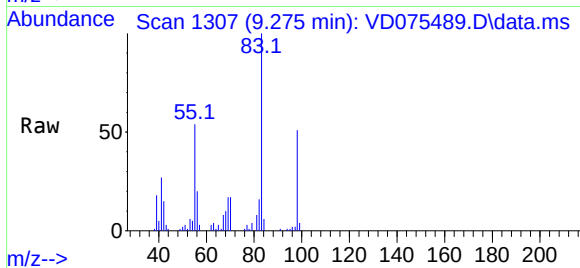
Tgt Ion: 83 Resp: 48067

Ion Ratio Lower Upper

83 100

55 54.1 56.8 85.2#

98 50.7 38.9 58.3



#40

Benzene

Concen: 19.831 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD075489.D

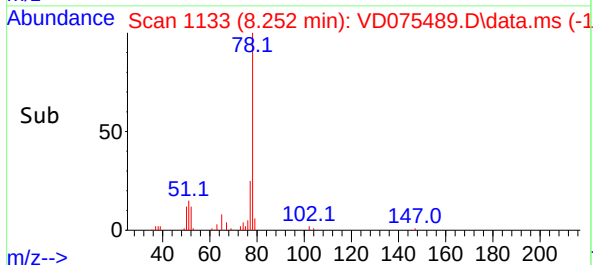
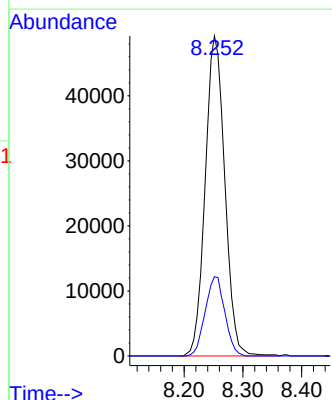
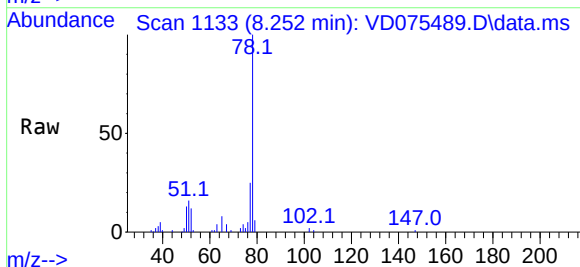
Acq: 10 Mar 2023 11:27

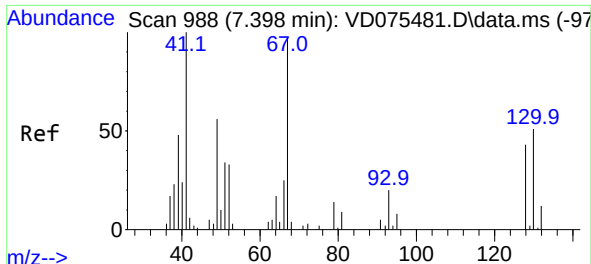
Tgt Ion: 78 Resp: 113797

Ion Ratio Lower Upper

78 100

77 24.7 19.1 28.7



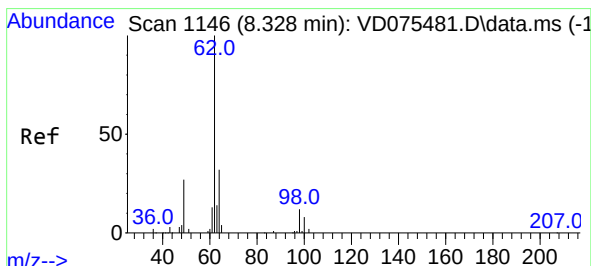
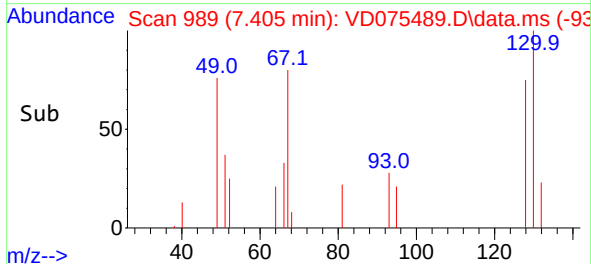
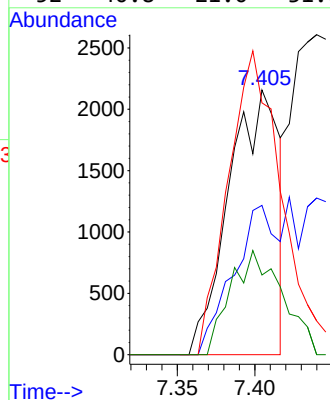
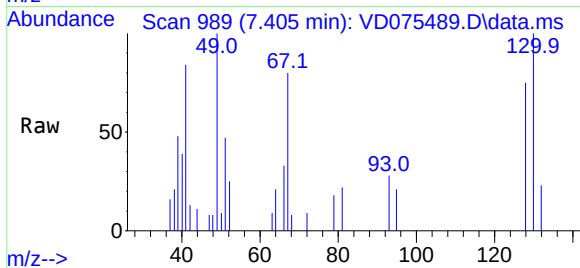


#41
Methacrylonitrile
Concen: 17.976 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 41 Resp: 4837

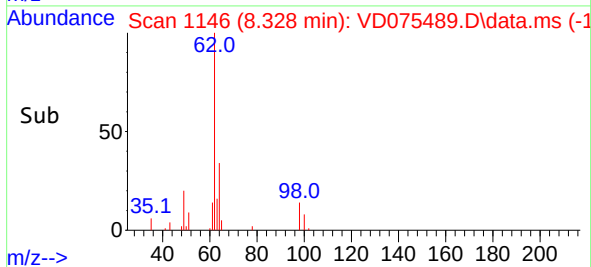
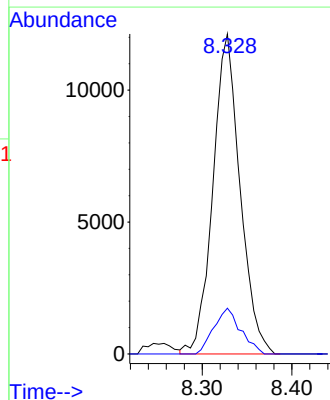
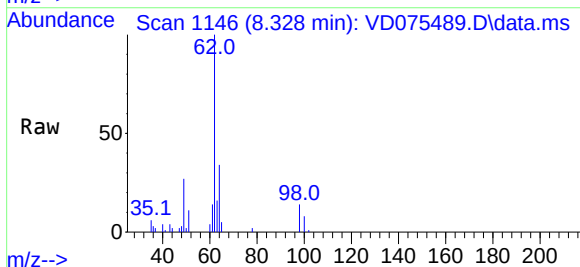
Ion	Ratio	Lower	Upper
41	100		
39	50.2	45.3	67.9
67	121.9	50.5	75.7#
52	40.8	21.0	31.6#

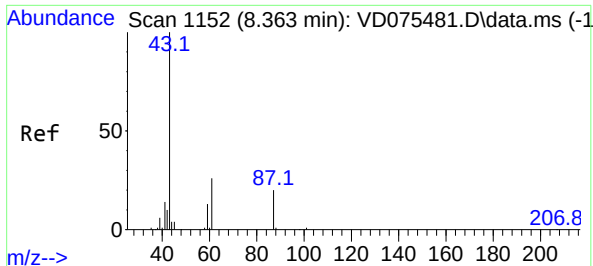


#42
1,2-Dichloroethane
Concen: 20.151 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion: 62 Resp: 25454

Ion	Ratio	Lower	Upper
62	100		
98	14.2	0.0	18.8

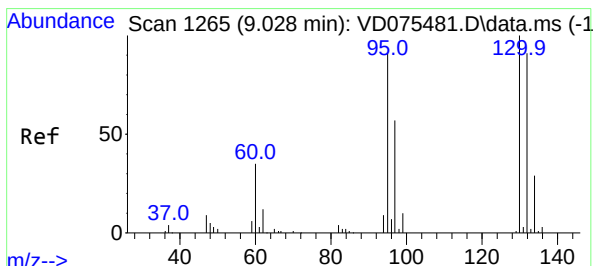
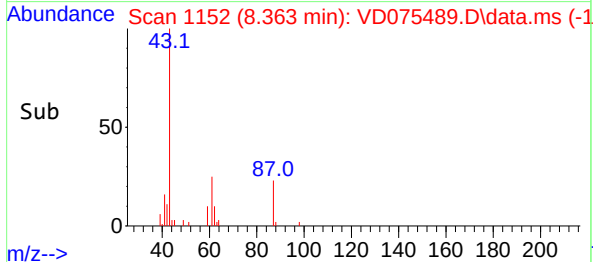
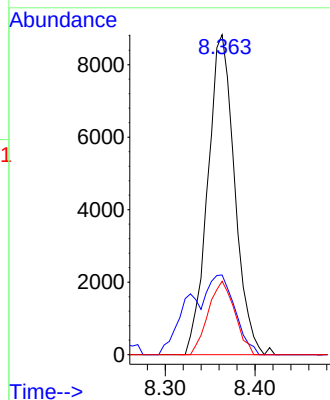
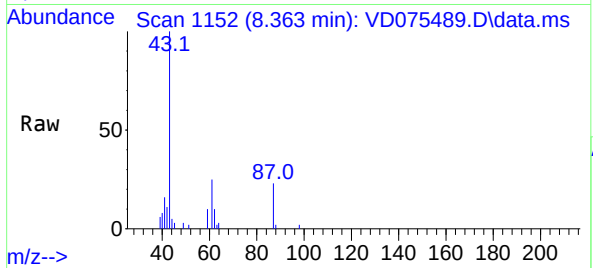




#43
Isopropyl Acetate
Concen: 19.899 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

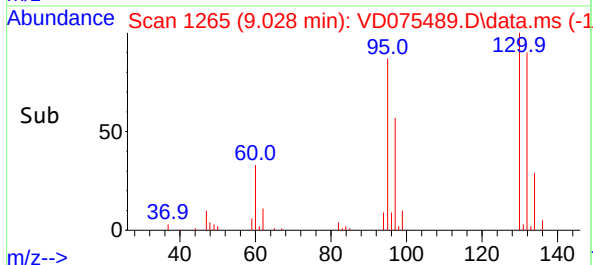
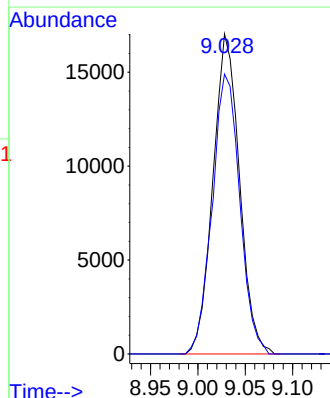
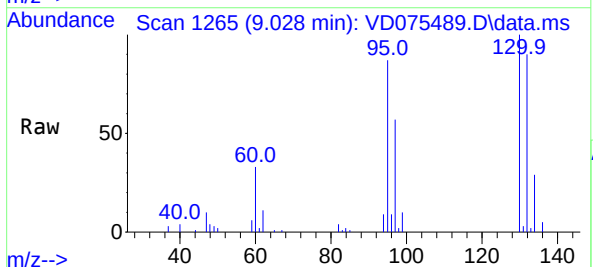
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

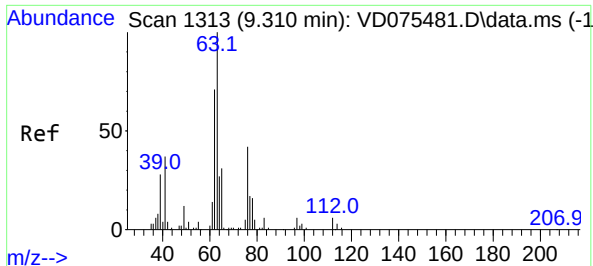
Tgt Ion: 43 Resp: 18370
Ion Ratio Lower Upper
43 100
61 25.9 23.4 35.0
87 22.7 9.5 14.3#



#44
Trichloroethene
Concen: 19.627 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion:130 Resp: 33101
Ion Ratio Lower Upper
130 100
95 87.5 0.0 197.6

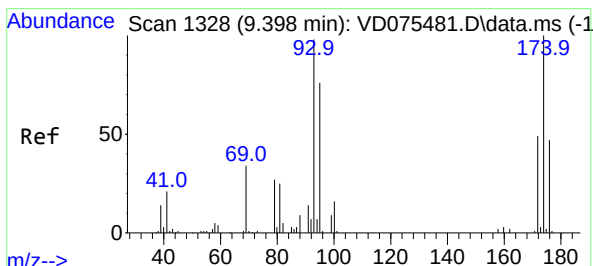
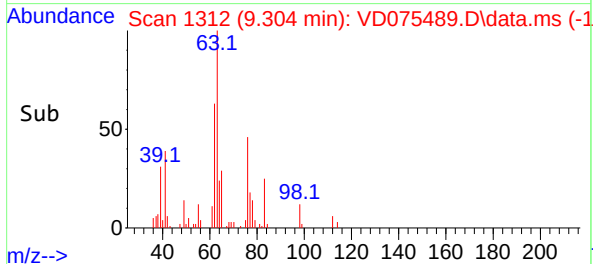
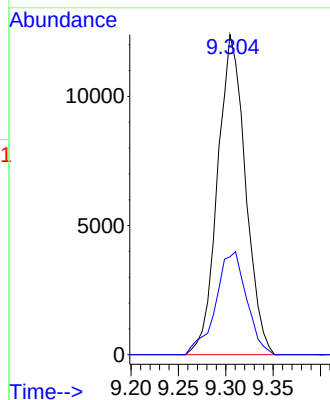
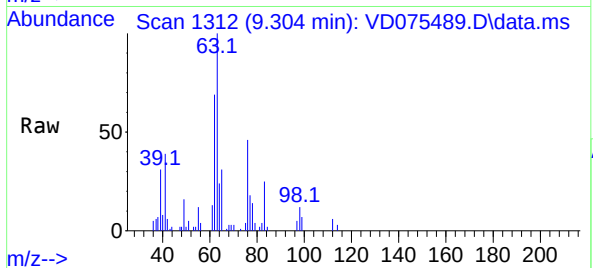




#45
1,2-Dichloropropane
Concen: 20.563 ug/l
RT: 9.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

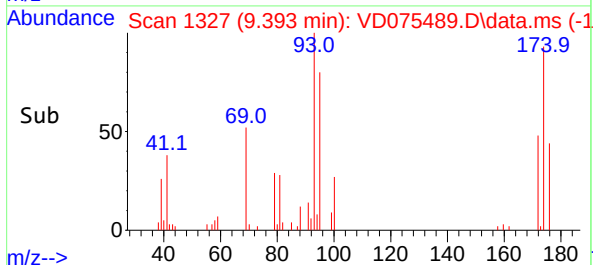
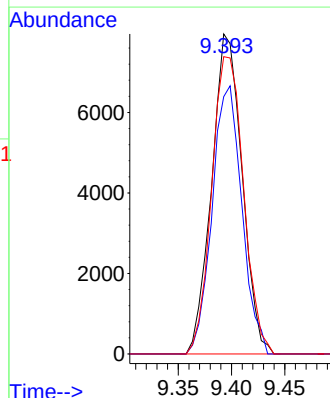
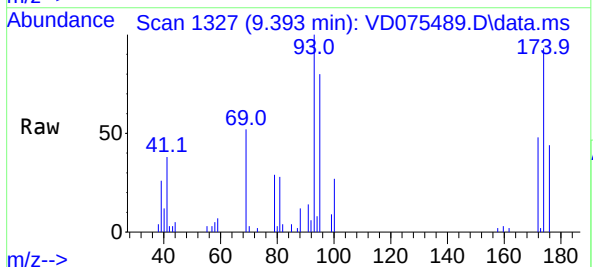
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

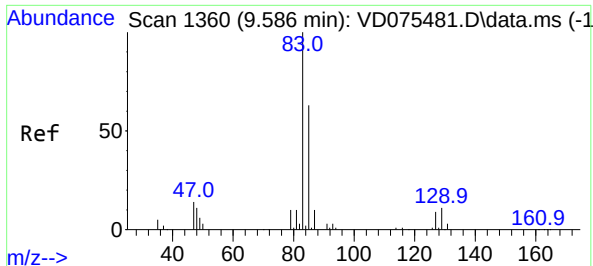
Tgt Ion: 63 Resp: 25367
Ion Ratio Lower Upper
63 100
65 30.6 23.0 34.4



#46
Dibromomethane
Concen: 20.695 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.006 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion: 93 Resp: 15735
Ion Ratio Lower Upper
93 100
95 82.1 64.5 96.7
174 97.4 76.2 114.4

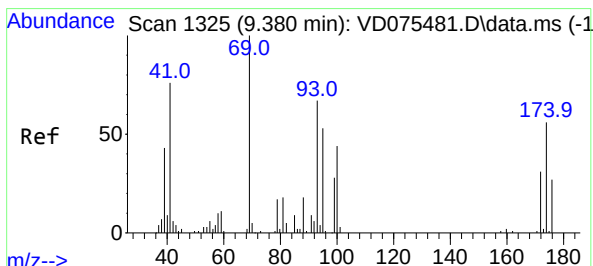
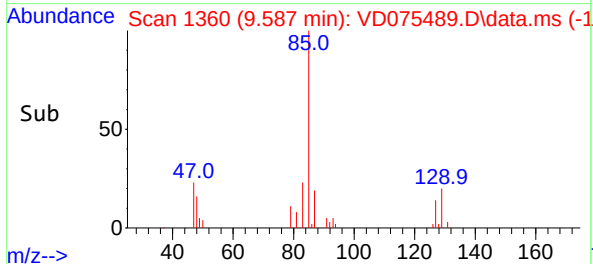
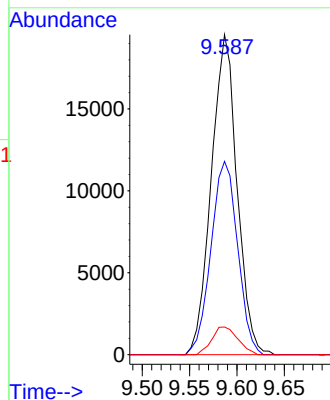
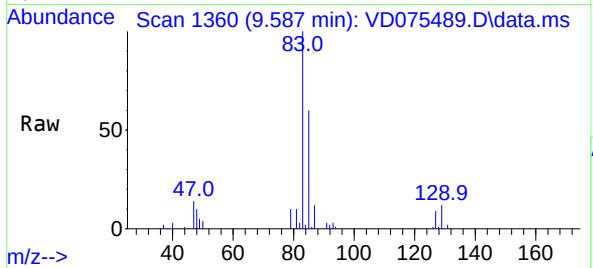




#47
Bromodichloromethane
Concen: 20.077 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

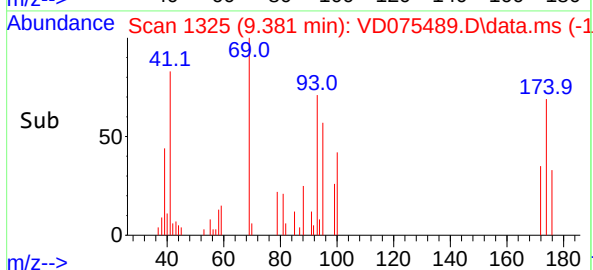
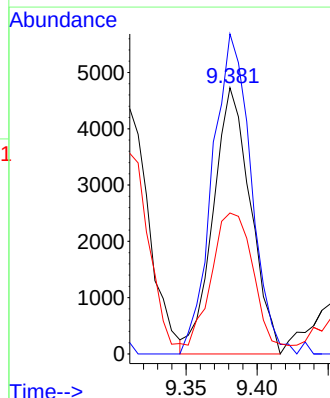
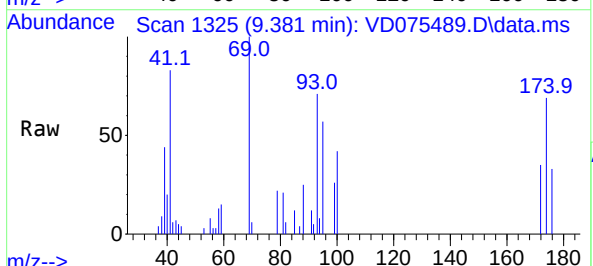
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

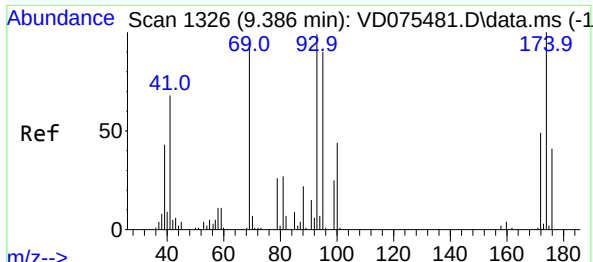
Tgt Ion:	83	Resp:	36964
Ion	Ratio	Lower	Upper
83	100		
85	60.4	53.7	80.5
127	8.7	7.0	10.6



#48
Methyl methacrylate
Concen: 19.940 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion:	41	Resp:	8648
Ion	Ratio	Lower	Upper
41	100		
69	124.3	58.6	88.0#
39	55.1	53.4	80.0

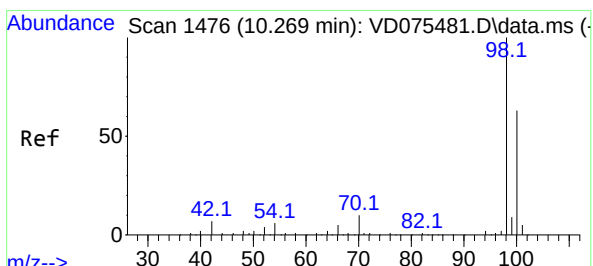
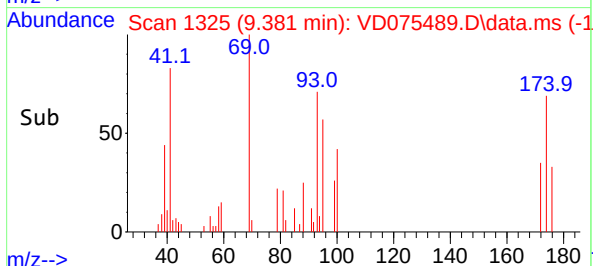
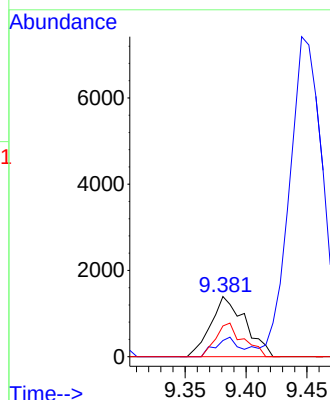
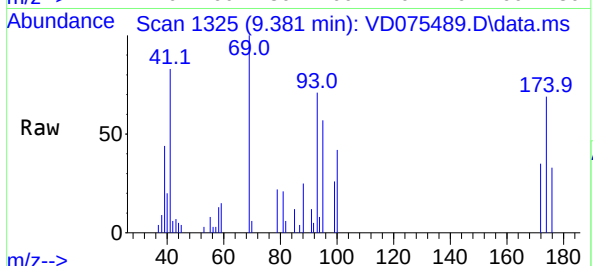




#49
1,4-Dioxane
Concen: 398.135 ug/l
RT: 9.381 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

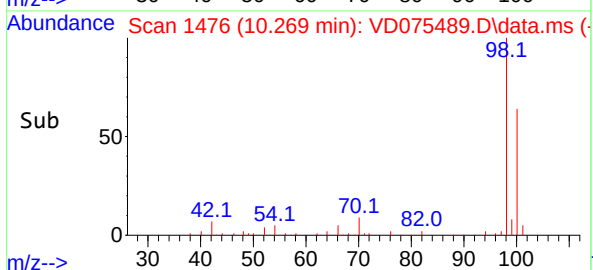
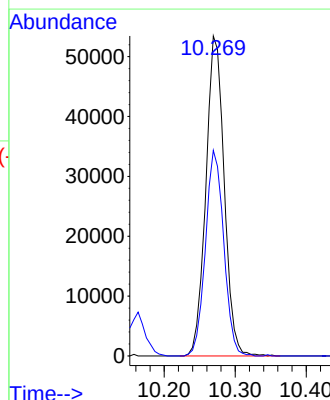
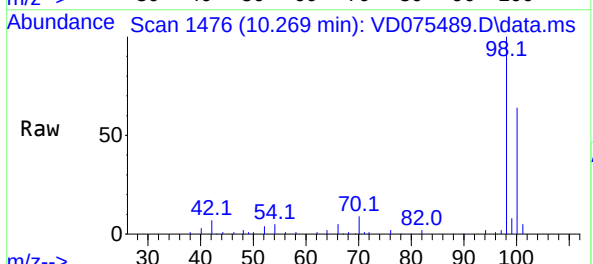
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

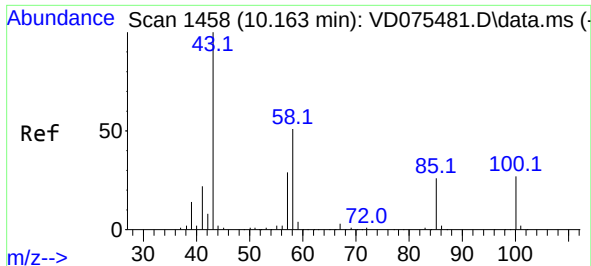
Tgt Ion: 88 Resp: 2746
Ion Ratio Lower Upper
88 100
43 21.3 34.6 51.8#
58 44.1 58.0 87.0#



#50
Toluene-d8
Concen: 18.823 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion: 98 Resp: 96078
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1

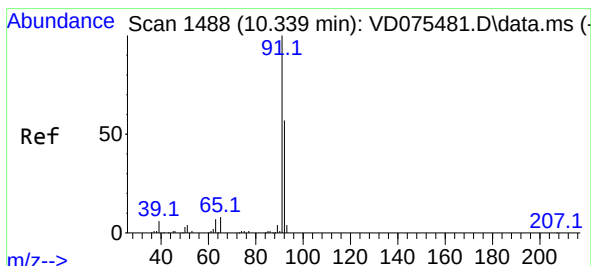
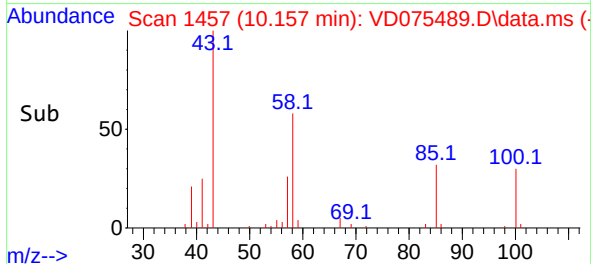
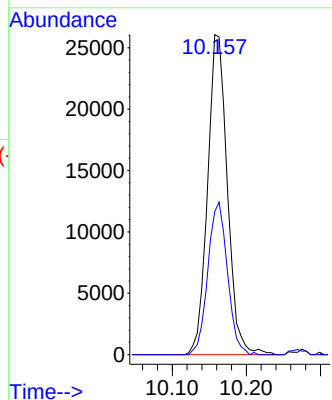
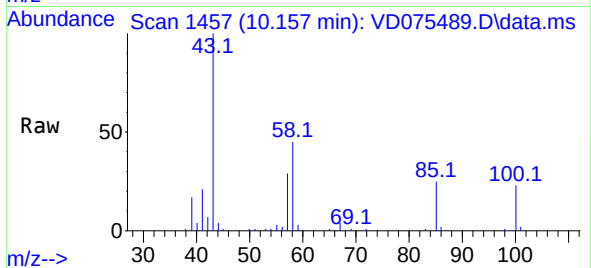




#51
4-Methyl-2-Pentanone
Concen: 100.705 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

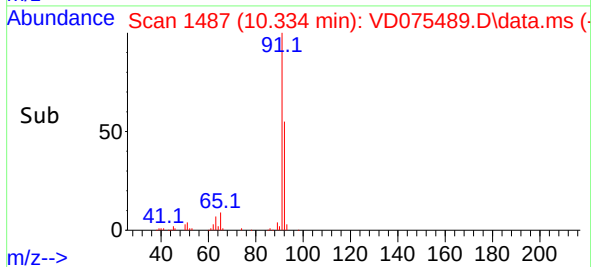
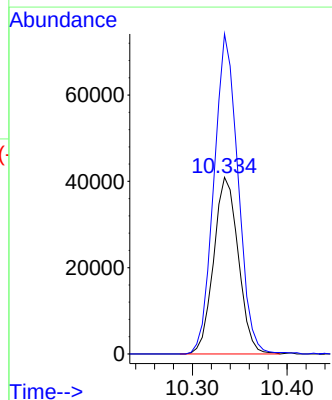
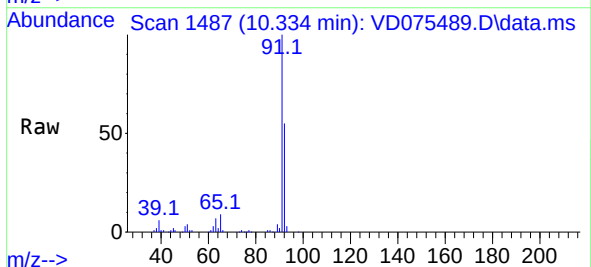
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

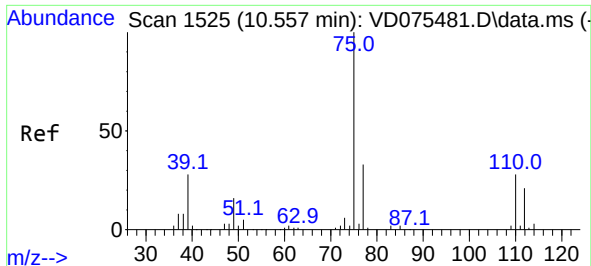
Tgt Ion: 43 Resp: 48349
Ion Ratio Lower Upper
43 100
58 47.2 29.5 44.3#



#52
Toluene
Concen: 19.904 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion: 92 Resp: 74014
Ion Ratio Lower Upper
92 100
91 177.4 136.5 204.7

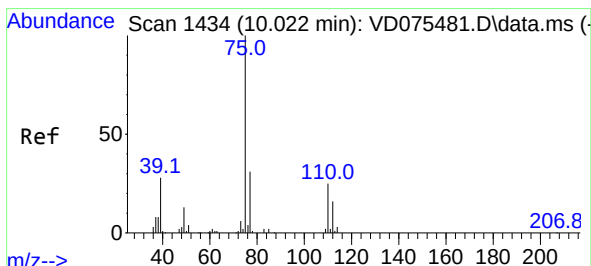
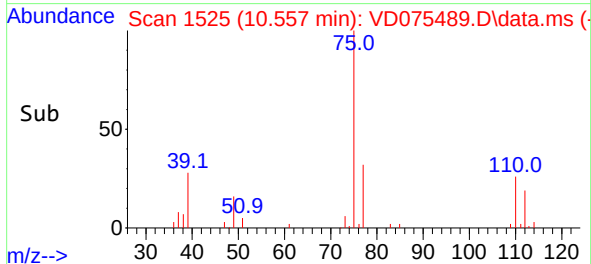
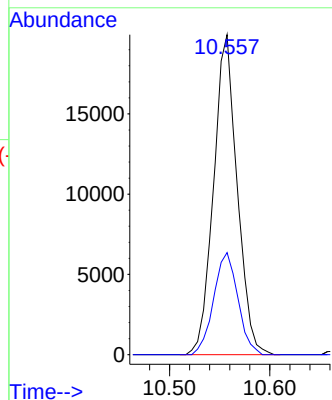
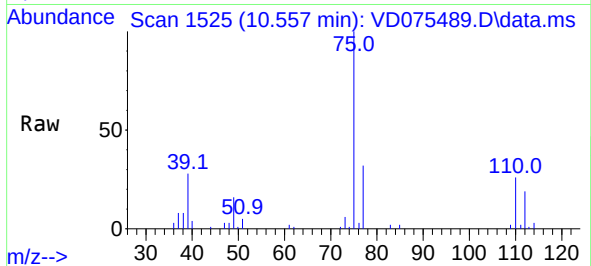




#53
t-1,3-Dichloropropene
Concen: 19.653 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

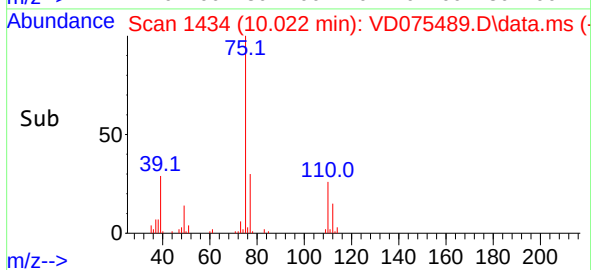
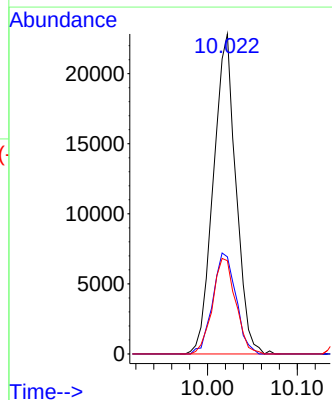
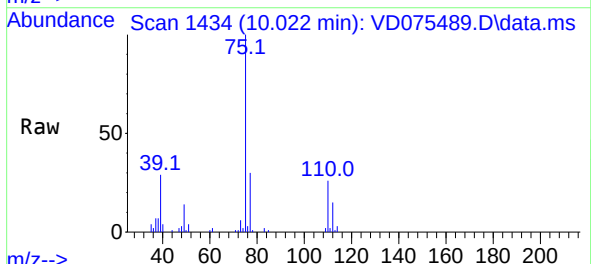
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

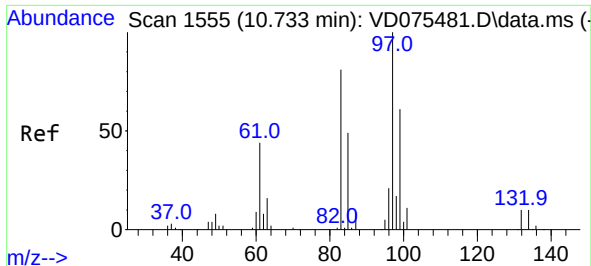
Tgt Ion: 75 Resp: 32549
Ion Ratio Lower Upper
75 100
77 31.9 26.3 39.5



#54
cis-1,3-Dichloropropene
Concen: 19.531 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion: 75 Resp: 39725
Ion Ratio Lower Upper
75 100
77 30.4 25.6 38.4
39 29.2 44.8 67.2#

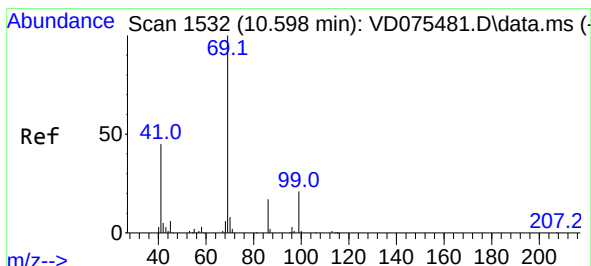
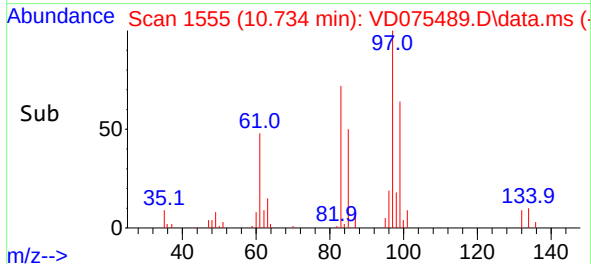
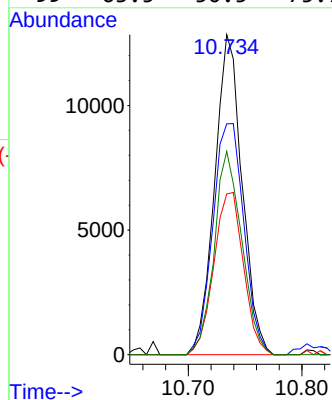
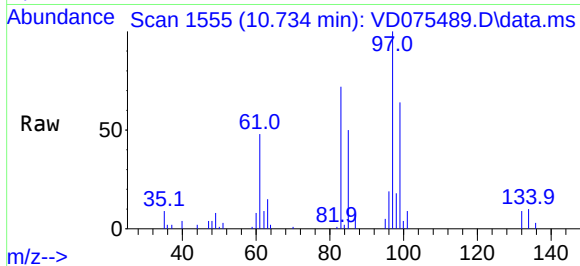




#55
1,1,2-Trichloroethane
Concen: 20.056 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

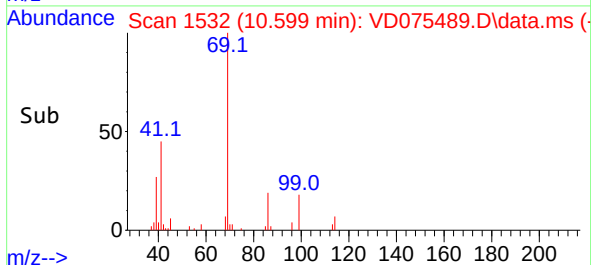
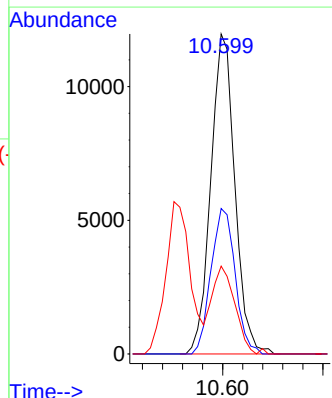
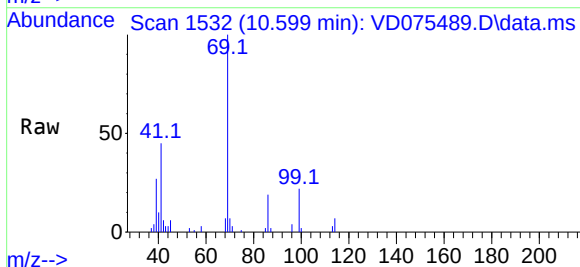
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

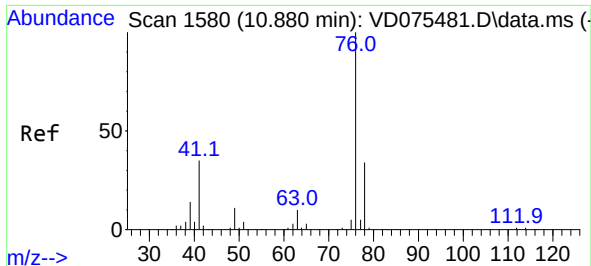
Tgt Ion:	97	Resp:	21587
Ion	Ratio	Lower	Upper
97	100		
83	72.2	74.2	111.4#
85	50.2	45.4	68.0
99	63.5	50.5	75.7



#56
Ethyl methacrylate
Concen: 19.420 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion:	69	Resp:	19902
Ion	Ratio	Lower	Upper
69	100		
41	45.7	59.3	88.9#
39	26.4	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 19.842 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075489.D

Acq: 10 Mar 2023 11:27

Instrument :

MSVOA_D

ClientSampleId :

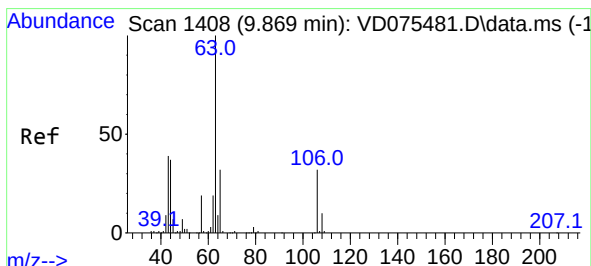
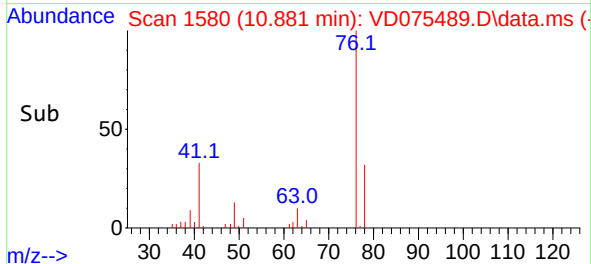
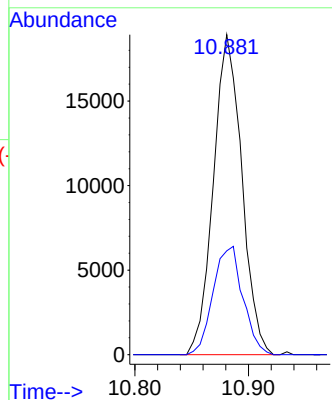
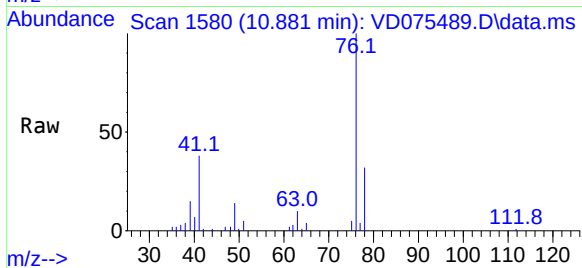
VSTDIC020

Tgt Ion: 76 Resp: 32867

Ion Ratio Lower Upper

76 100

78 35.5 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 102.817 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD075489.D

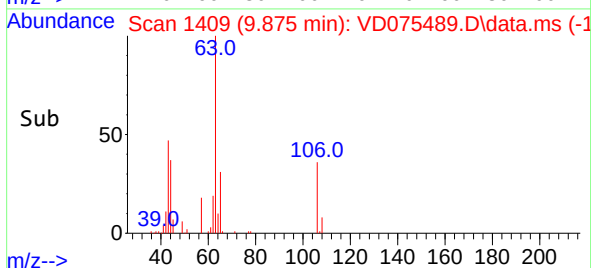
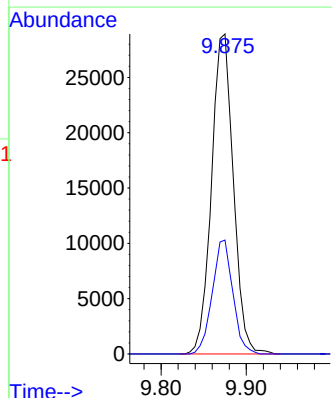
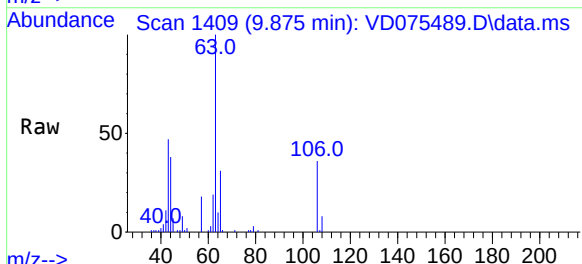
Acq: 10 Mar 2023 11:27

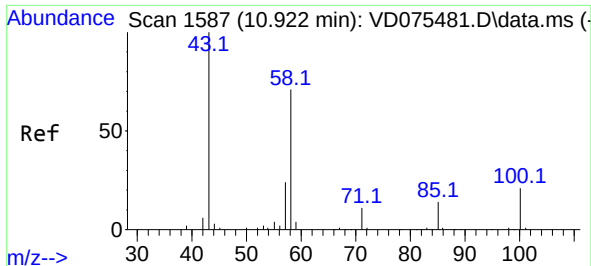
Tgt Ion: 63 Resp: 51568

Ion Ratio Lower Upper

63 100

106 33.5 21.4 32.2#

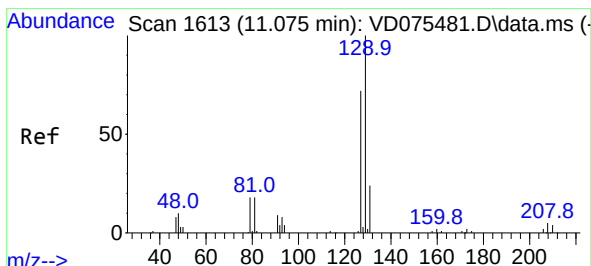
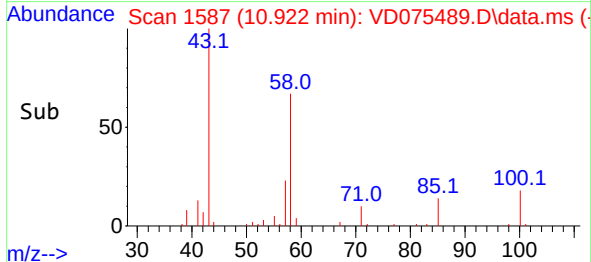
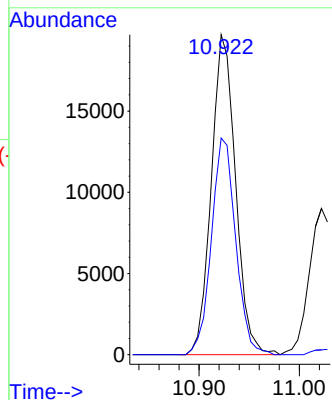
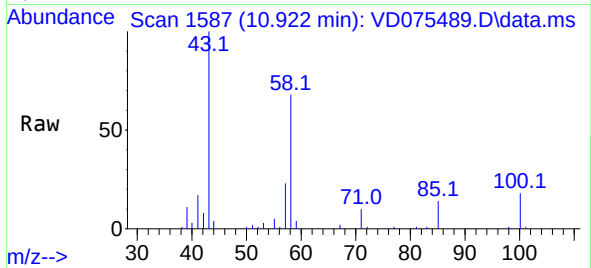




#59
2-Hexanone
Concen: 97.319 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

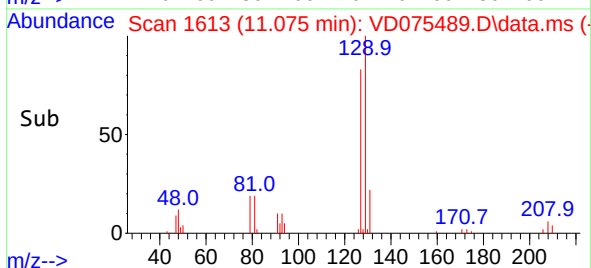
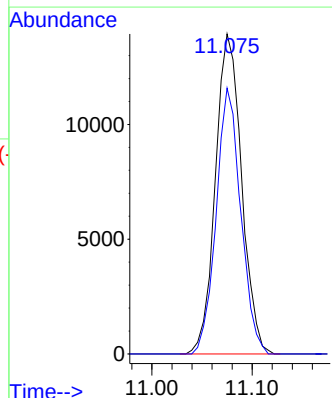
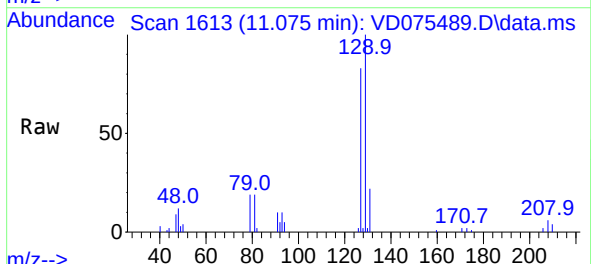
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

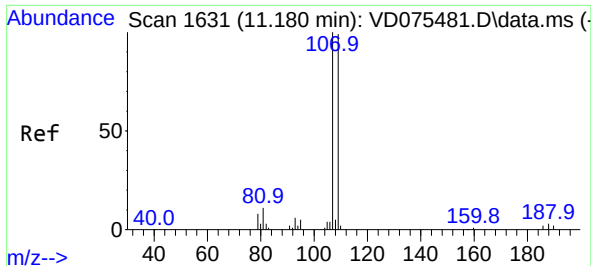
Tgt Ion: 43 Resp: 33042
Ion Ratio Lower Upper
43 100
58 68.0 25.3 75.8



#60
Dibromochloromethane
Concen: 19.873 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion: 129 Resp: 25272
Ion Ratio Lower Upper
129 100
127 77.9 38.1 114.5

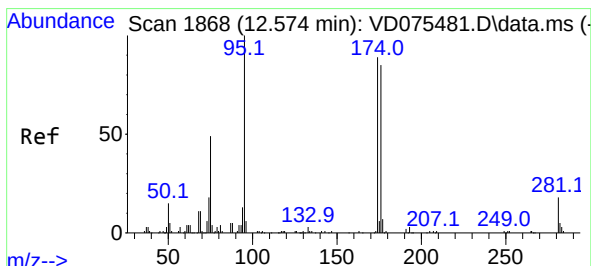
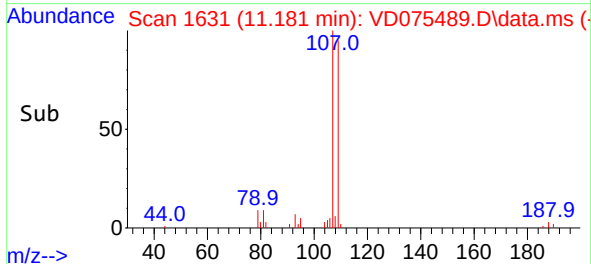
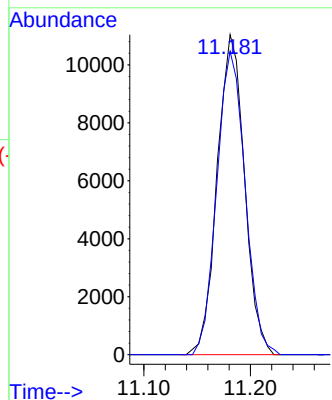
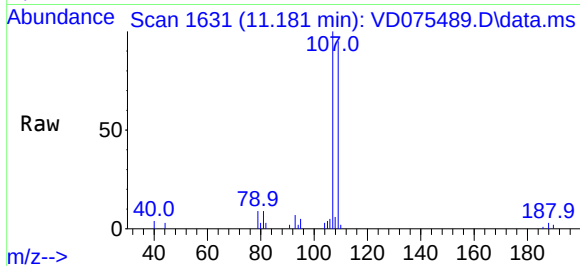




#61
1,2-Dibromoethane
Concen: 19.408 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

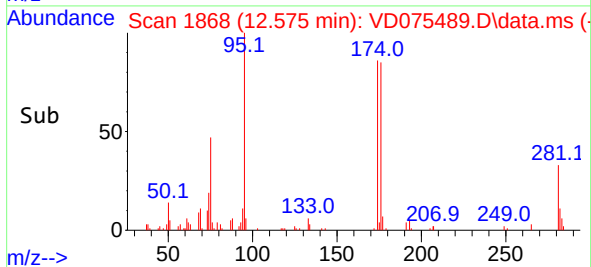
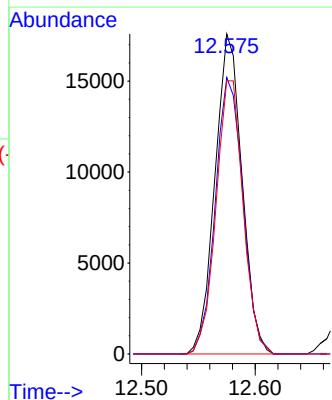
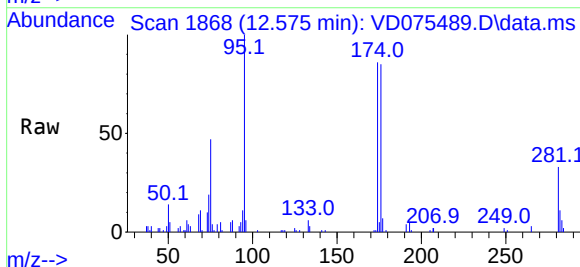
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

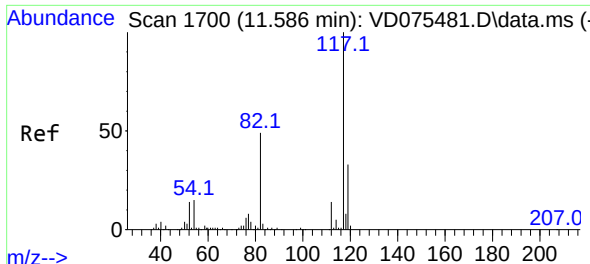
Tgt Ion:107 Resp: 19673
Ion Ratio Lower Upper
107 100
109 98.0 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 19.720 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion: 95 Resp: 29098
Ion Ratio Lower Upper
95 100
174 88.2 0.0 164.0
176 85.6 0.0 156.8

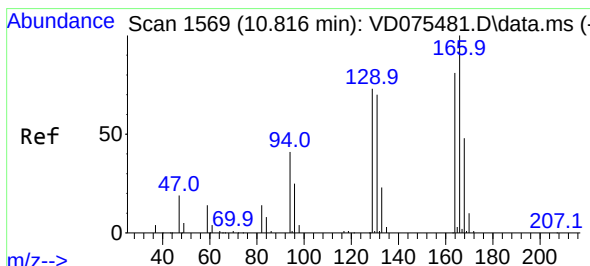
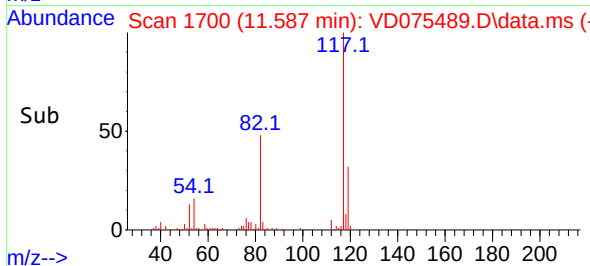
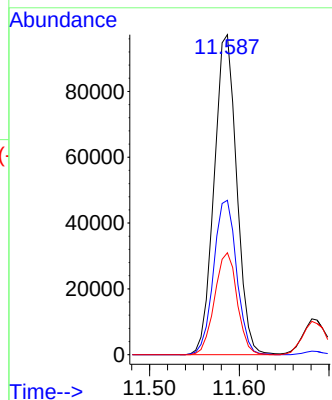
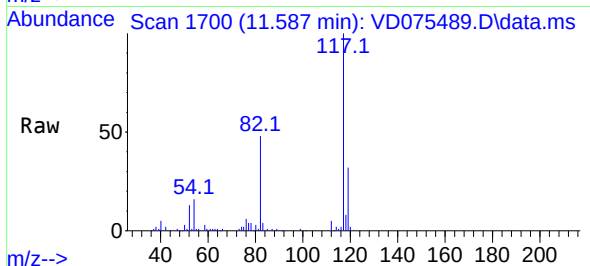




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

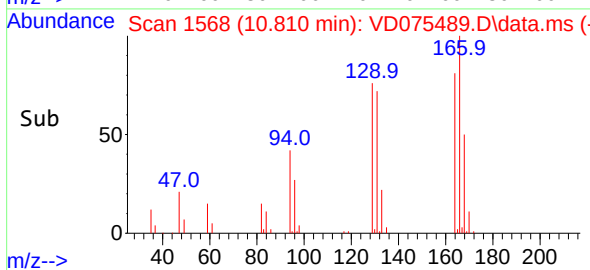
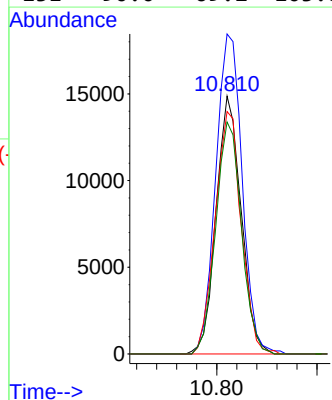
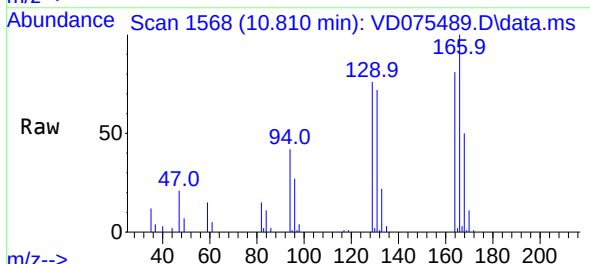
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

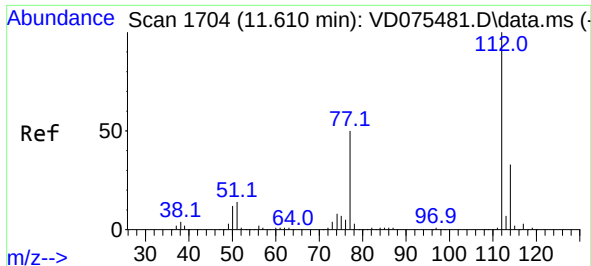
Tgt Ion:117 Resp: 169867
Ion Ratio Lower Upper
117 100
82 48.2 44.0 66.0
119 31.8 25.1 37.7



#64
Tetrachloroethene
Concen: 19.237 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion:164 Resp: 25788
Ion Ratio Lower Upper
164 100
166 124.1 94.9 142.3
129 94.0 73.0 109.6
131 90.0 69.2 103.8

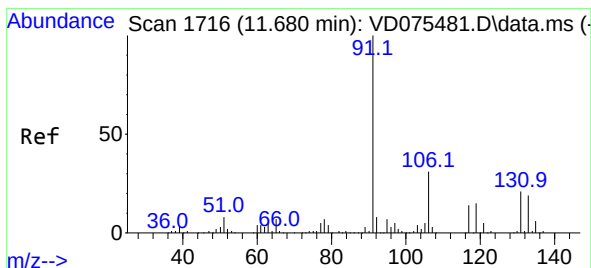
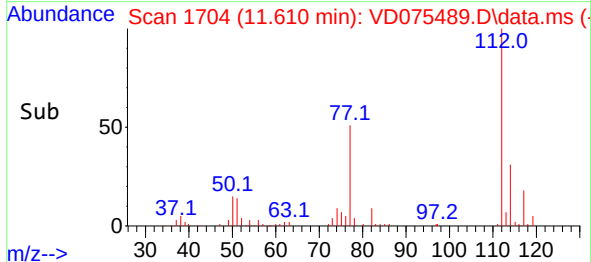
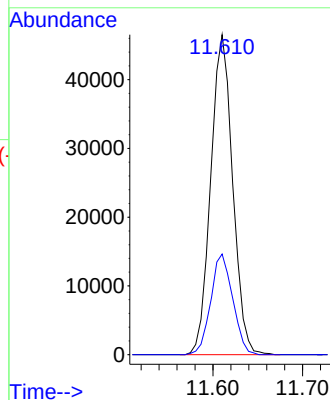
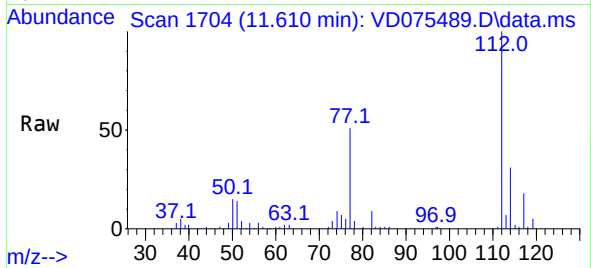




#65
Chlorobenzene
Concen: 19.598 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

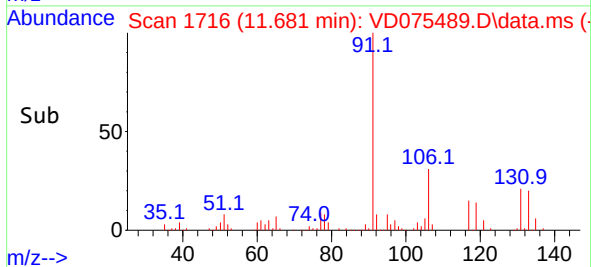
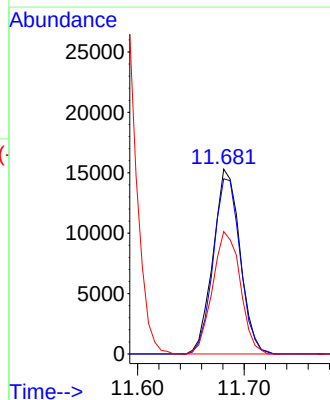
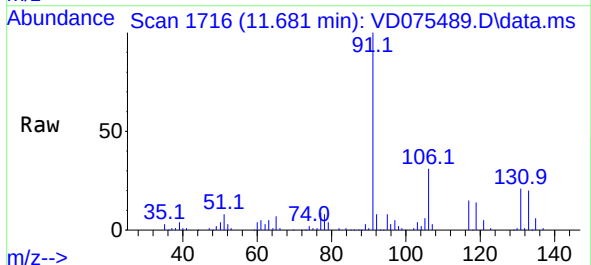
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

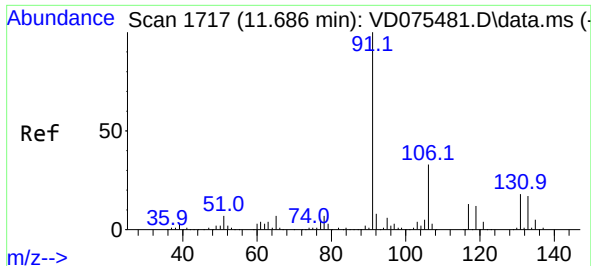
Tgt Ion:112 Resp: 78952
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.429 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion:131 Resp: 26815
Ion Ratio Lower Upper
131 100
133 95.2 46.7 140.0
119 68.2 31.9 95.9





#67

Ethyl Benzene

Concen: 19.595 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD075489.D

Acq: 10 Mar 2023 11:27

Instrument :

MSVOA_D

ClientSampleId :

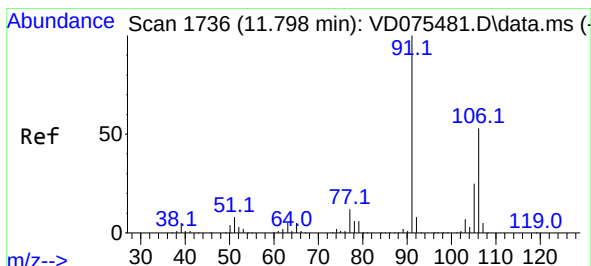
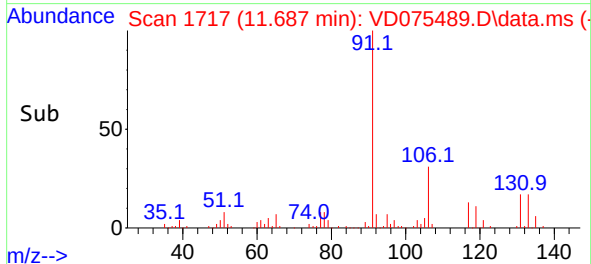
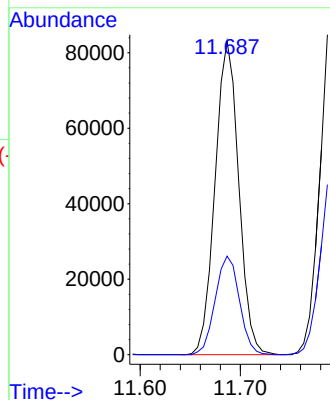
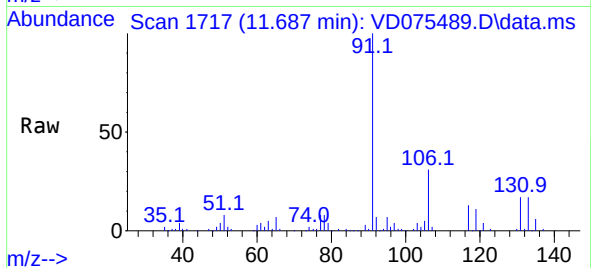
VSTDICC020

Tgt Ion: 91 Resp: 135950

Ion Ratio Lower Upper

91 100

106 31.4 24.5 36.7



#68

m/p-Xylenes

Concen: 39.686 ug/l

RT: 11.798 min Scan# 1736

Delta R.T. 0.000 min

Lab File: VD075489.D

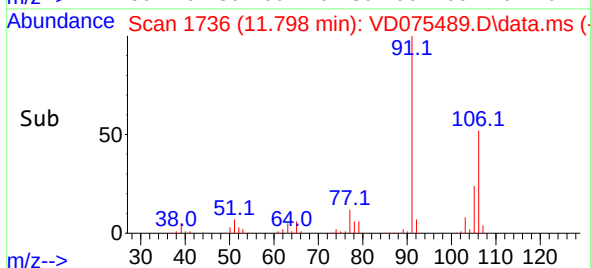
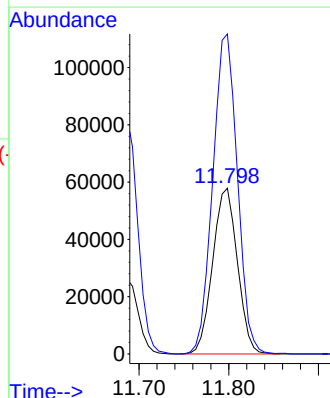
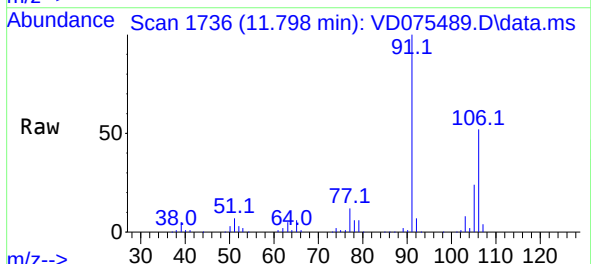
Acq: 10 Mar 2023 11:27

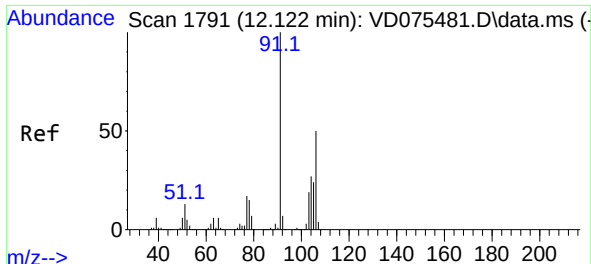
Tgt Ion:106 Resp: 110666

Ion Ratio Lower Upper

106 100

91 192.2 161.5 242.3

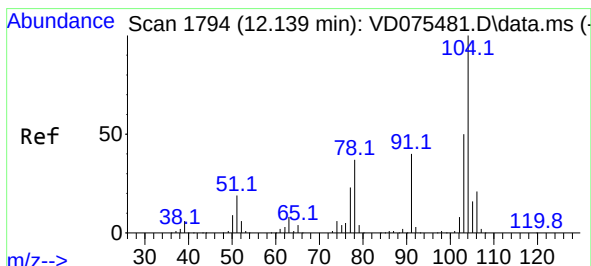
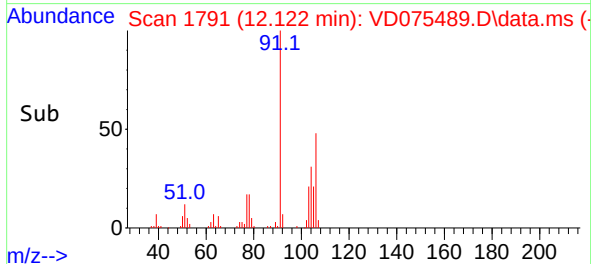
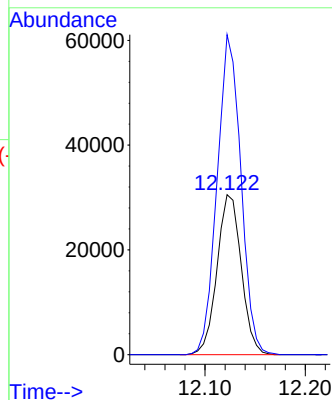
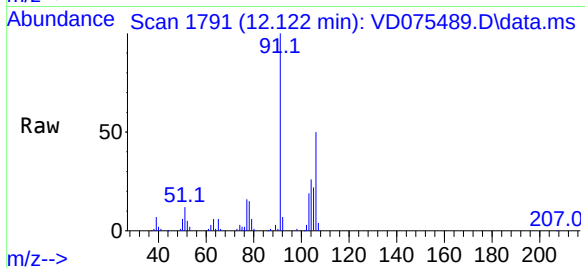




#69
o-Xylene
Concen: 19.755 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

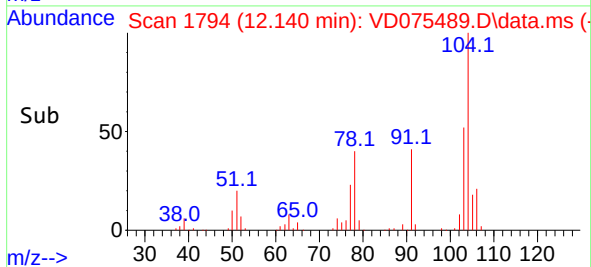
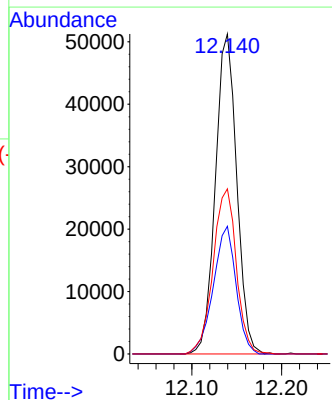
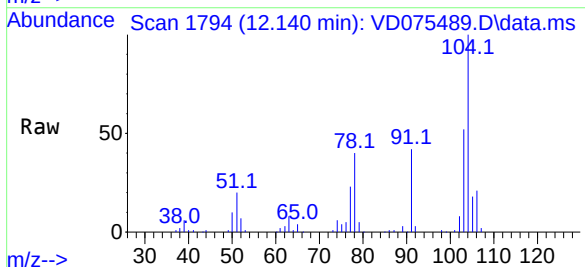
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

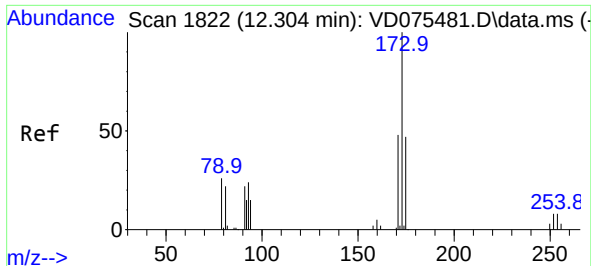
Tgt Ion:106 Resp: 51161
Ion Ratio Lower Upper
106 100
91 196.4 105.7 317.1



#70
Styrene
Concen: 19.644 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion:104 Resp: 84622
Ion Ratio Lower Upper
104 100
78 42.6 40.2 60.4
103 56.3 44.2 66.2

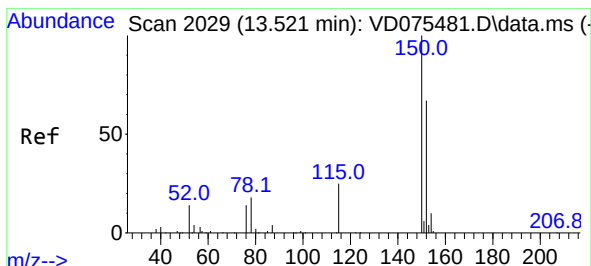
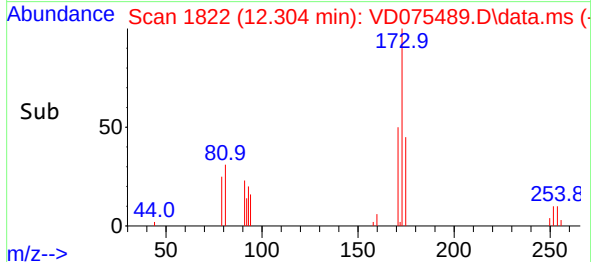
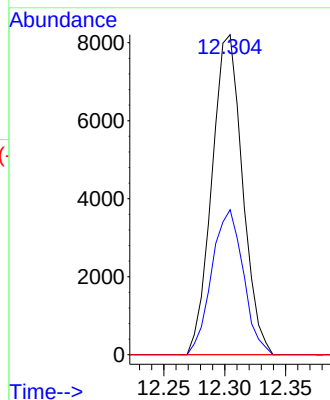
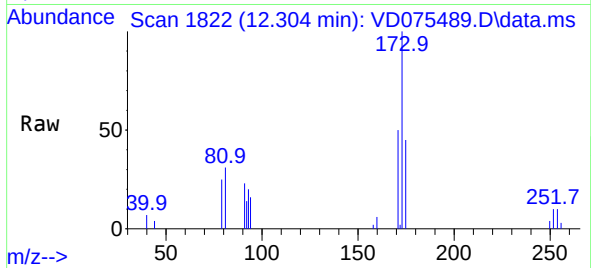




#71
Bromoform
Concen: 20.362 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

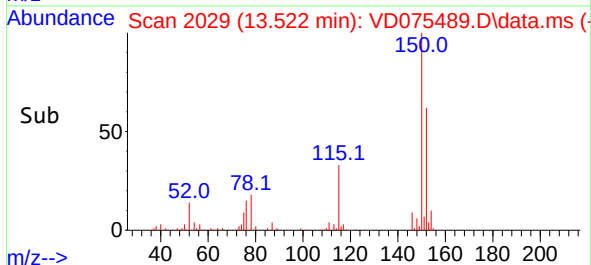
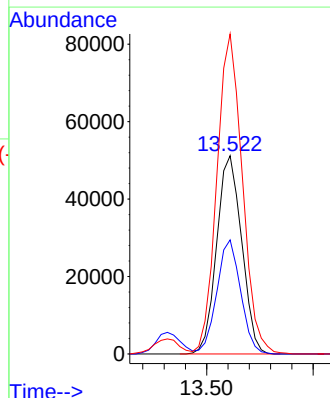
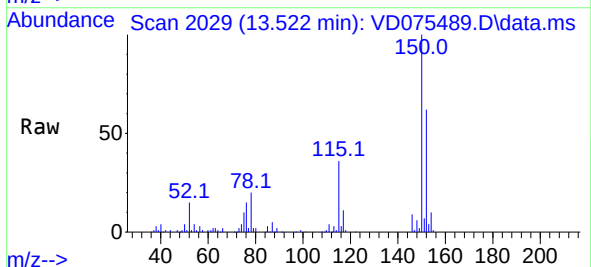
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

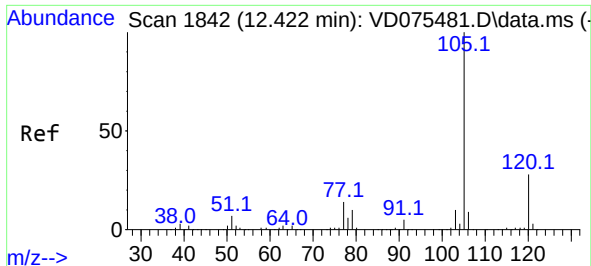
Tgt Ion:173 Resp: 14350
Ion Ratio Lower Upper
173 100
175 46.7 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion:152 Resp: 83318
Ion Ratio Lower Upper
152 100
115 55.0 30.1 90.3
150 164.9 0.0 364.8

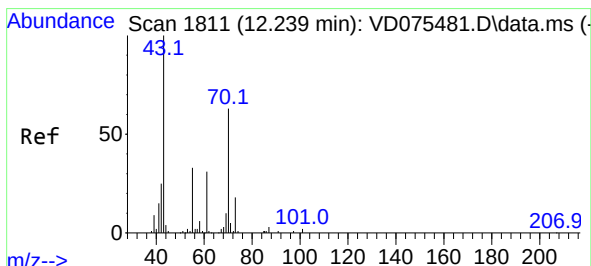
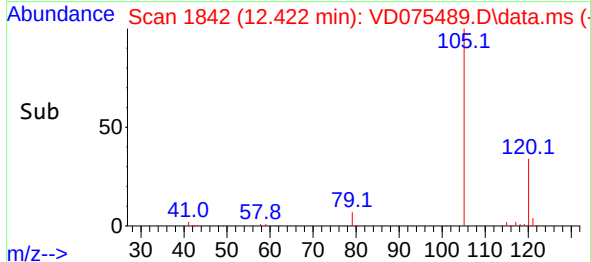
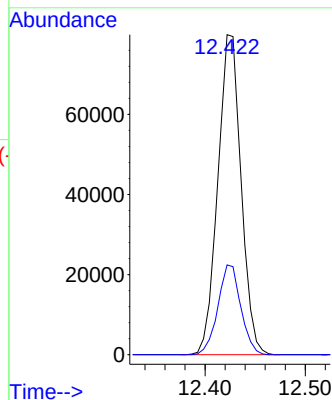
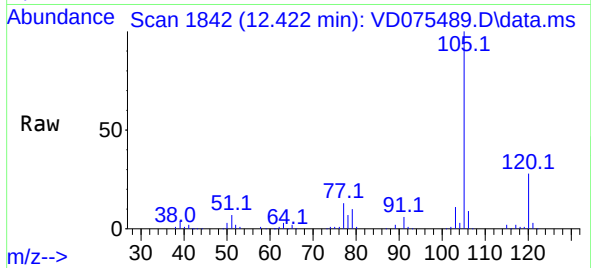




#73
Isopropylbenzene
Concen: 19.262 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

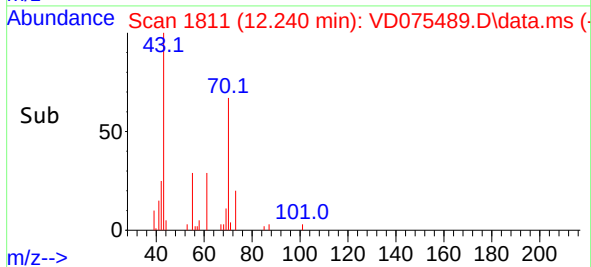
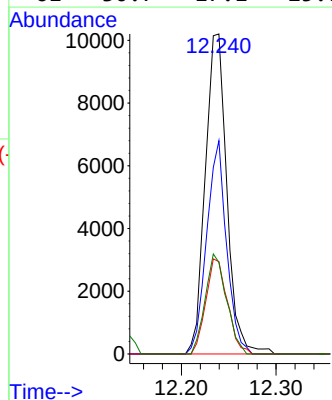
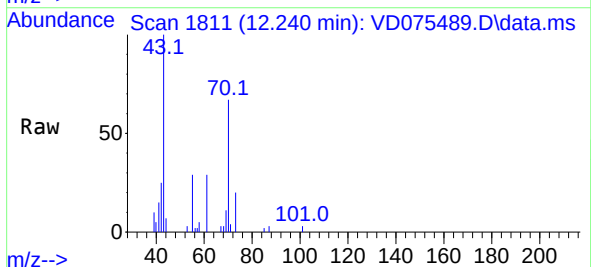
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

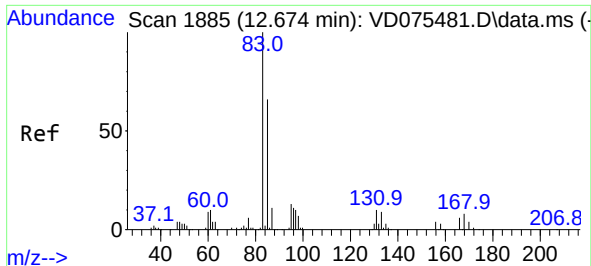
Tgt Ion:105 Resp: 128524
Ion Ratio Lower Upper
105 100
120 27.6 13.4 40.1



#74
N-ethyl acetate
Concen: 19.566 ug/l
RT: 12.240 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion: 43 Resp: 16172
Ion Ratio Lower Upper
43 100
70 61.3 31.0 46.4#
55 29.8 18.6 28.0#
61 30.7 17.1 25.7#

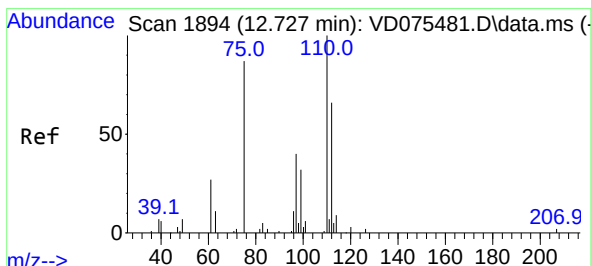
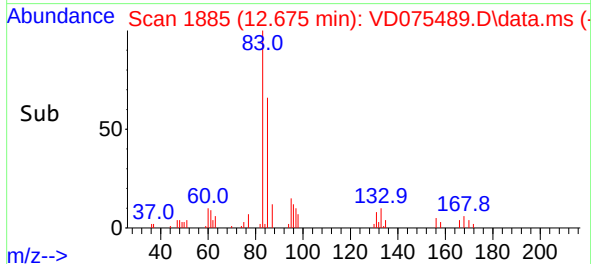
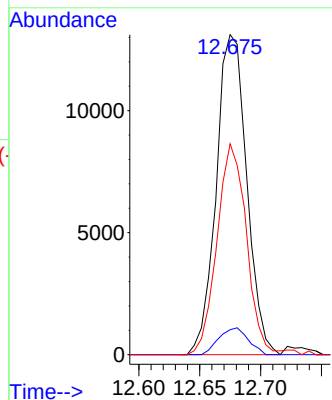
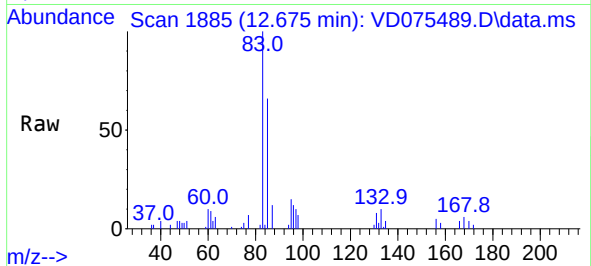




#75
1,1,2-Tetrachloroethane
Concen: 20.189 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

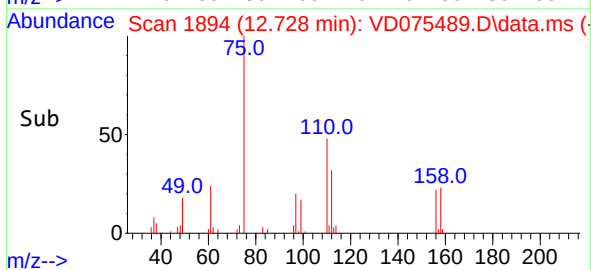
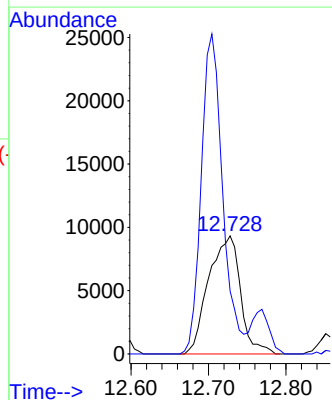
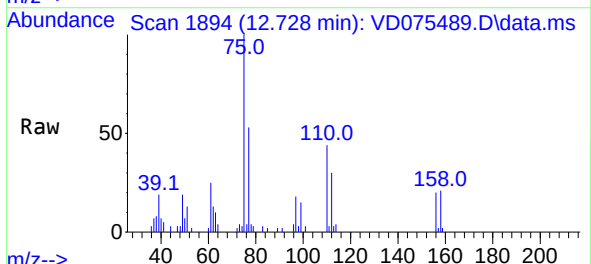
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

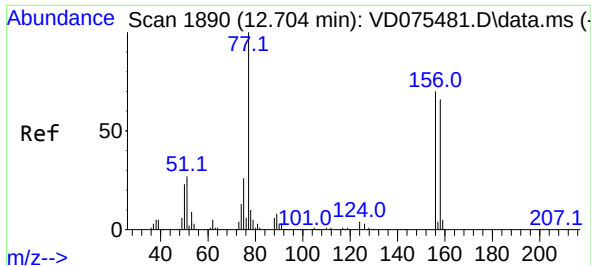
Tgt Ion: 83 Resp: 22846
Ion Ratio Lower Upper
83 100
131 8.1 5.1 15.2
85 64.3 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 38.625 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion: 75 Resp: 26581
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

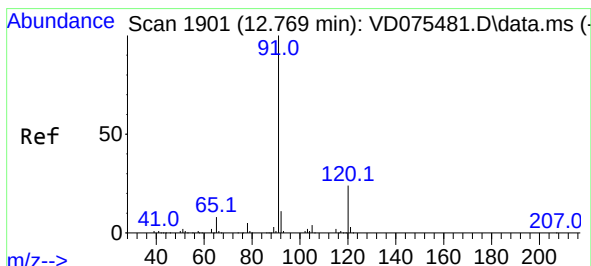
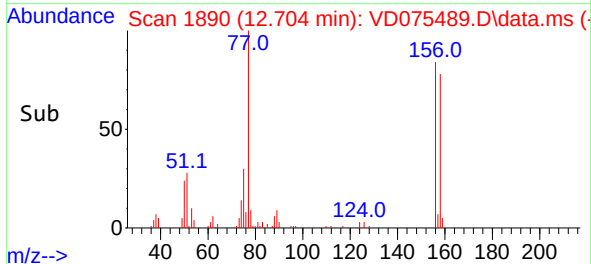
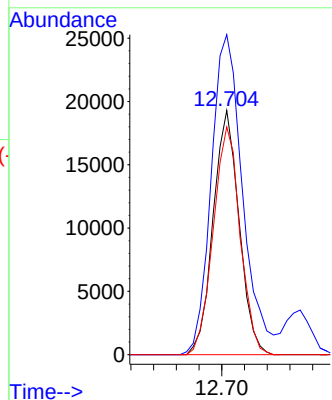
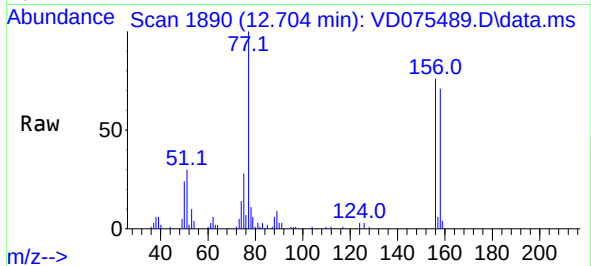




#77
Bromobenzene
Concen: 19.322 ug/l
RT: 12.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

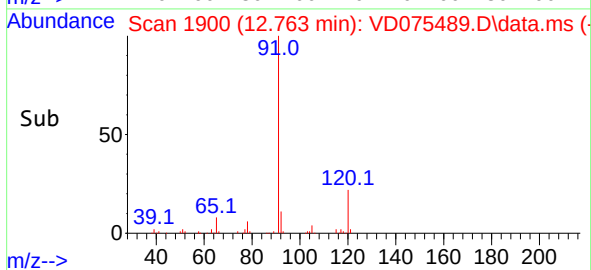
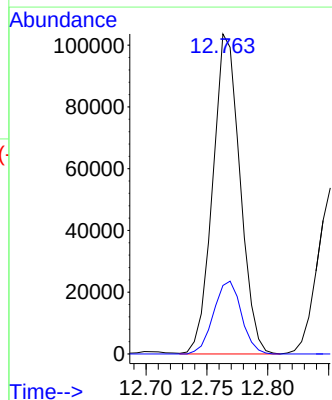
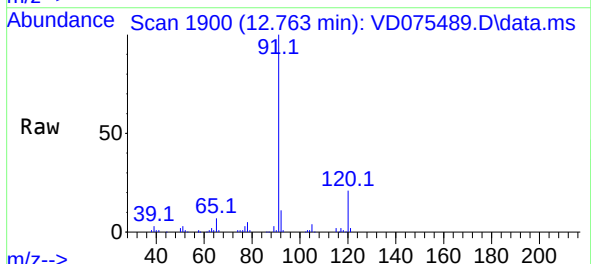
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

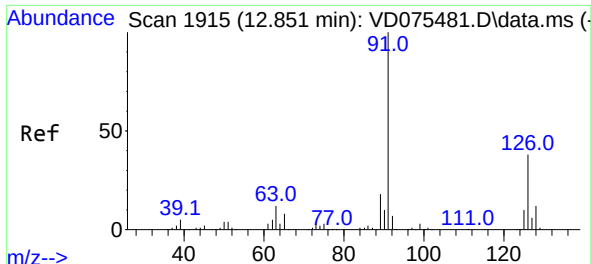
Tgt Ion:156 Resp: 30649
Ion Ratio Lower Upper
156 100
77 157.9 89.5 268.6
158 96.1 47.8 143.4



#78
n-propylbenzene
Concen: 19.887 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.006 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion: 91 Resp: 161233
Ion Ratio Lower Upper
91 100
120 23.2 11.4 34.2

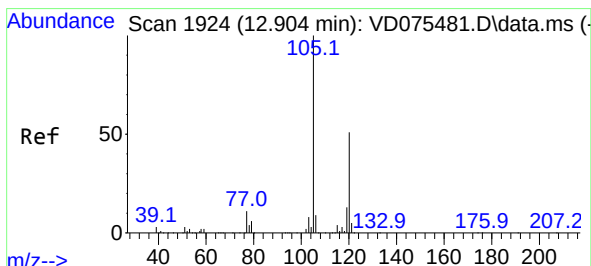
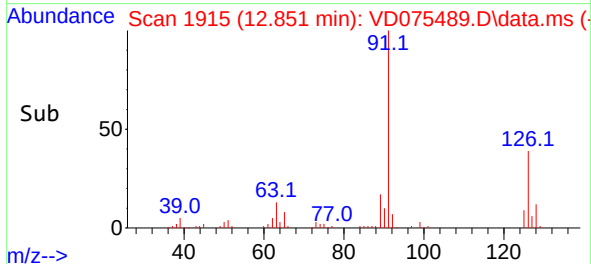
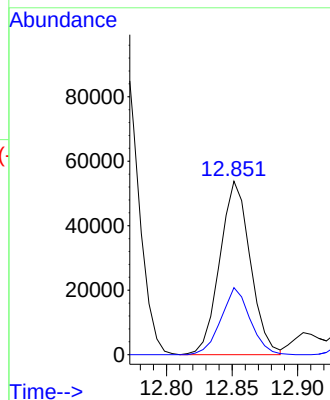
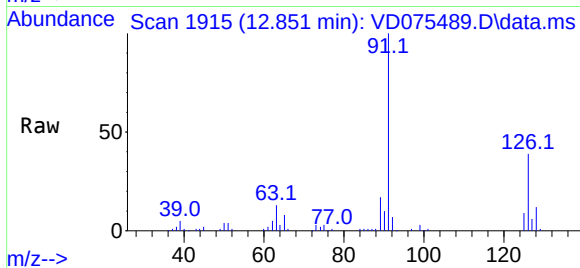




#79
2-Chlorotoluene
Concen: 19.835 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

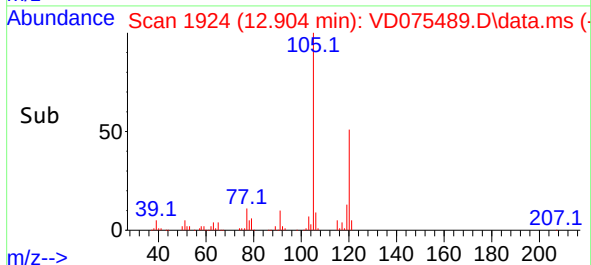
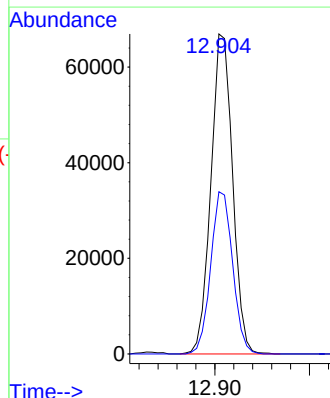
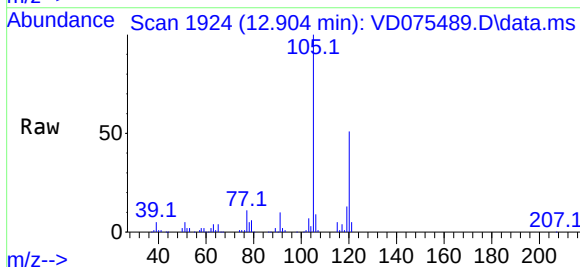
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

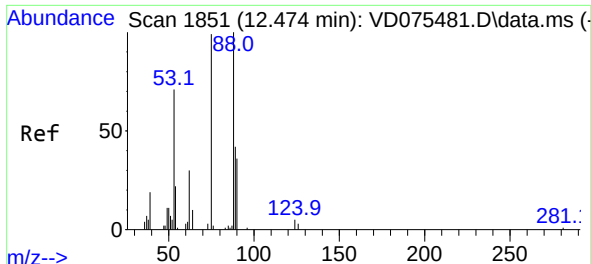
Tgt Ion: 91 Resp: 87137
Ion Ratio Lower Upper
91 100
126 36.9 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 19.435 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.006 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion: 105 Resp: 106338
Ion Ratio Lower Upper
105 100
120 51.2 24.3 72.8

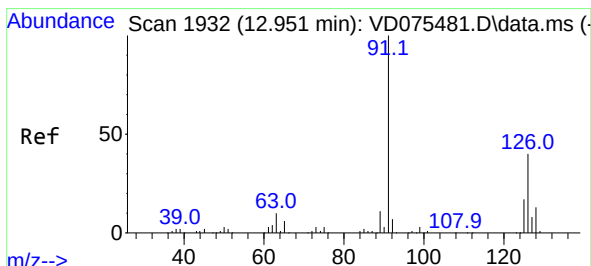
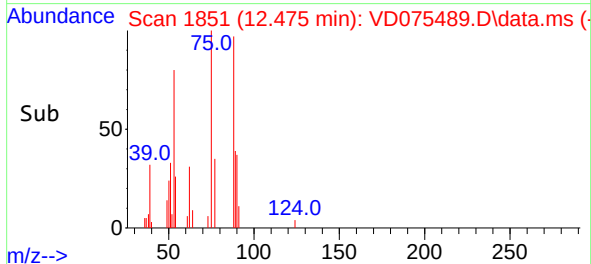
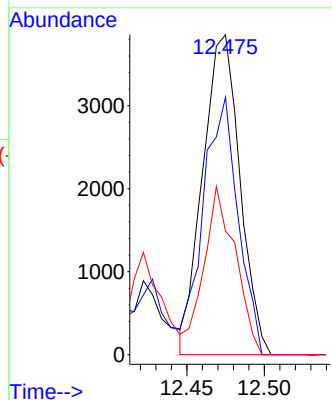
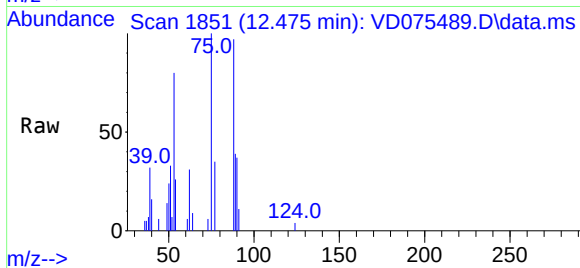




#81
trans-1,4-Dichloro-2-butene
Concen: 19.796 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

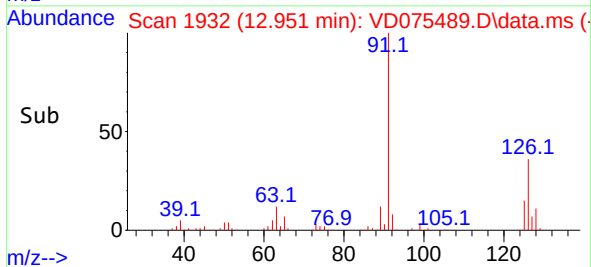
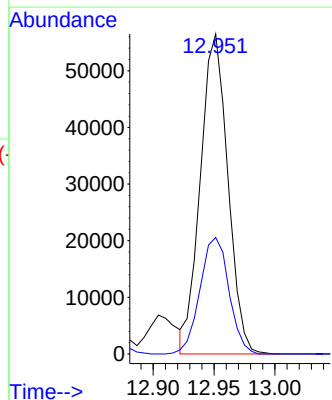
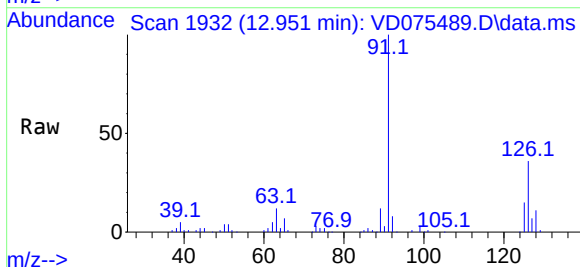
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

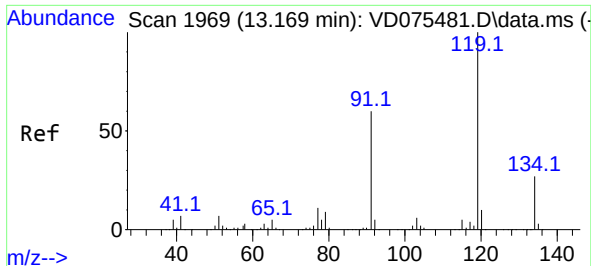
Tgt Ion: 75 Resp: 6431
Ion Ratio Lower Upper
75 100
53 75.4 90.5 135.7#
89 44.7 40.2 60.4



#82
4-Chlorotoluene
Concen: 19.563 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion: 91 Resp: 88685
Ion Ratio Lower Upper
91 100
126 38.4 17.1 51.2

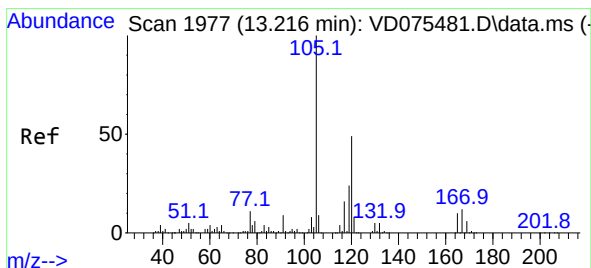
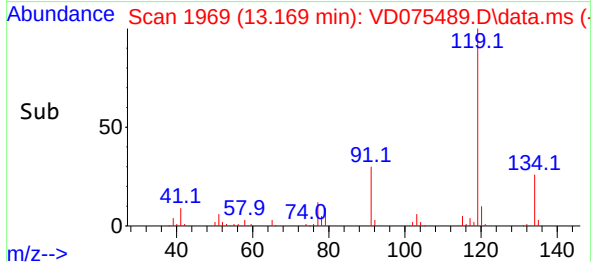
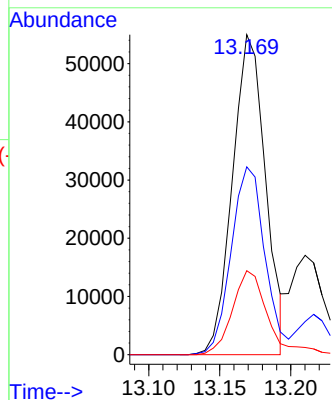
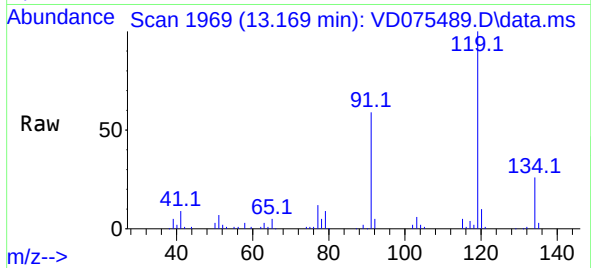




#83
tert-Butylbenzene
Concen: 18.745 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

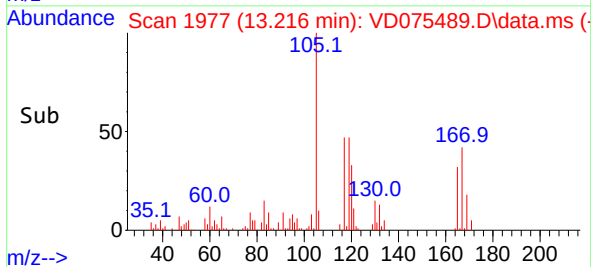
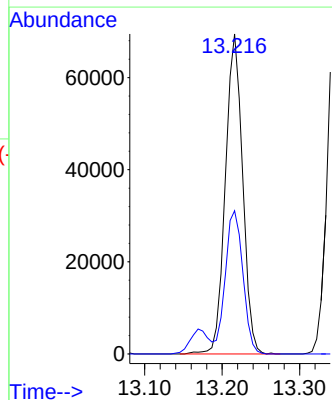
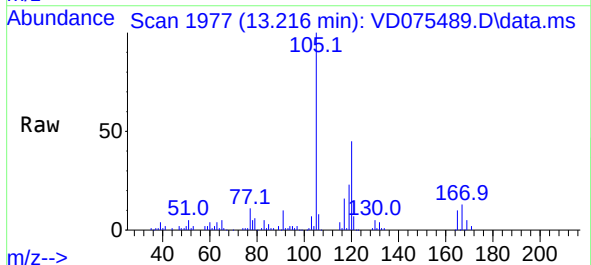
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

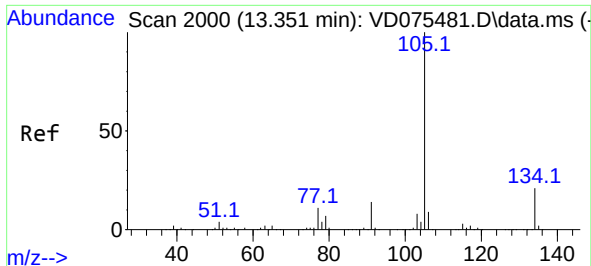
Tgt Ion:119 Resp: 89138
Ion Ratio Lower Upper
119 100
91 60.1 32.4 97.0
134 28.0 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 20.334 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion:105 Resp: 107522
Ion Ratio Lower Upper
105 100
120 45.8 22.3 66.9

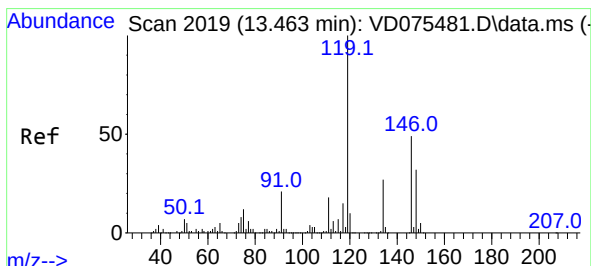
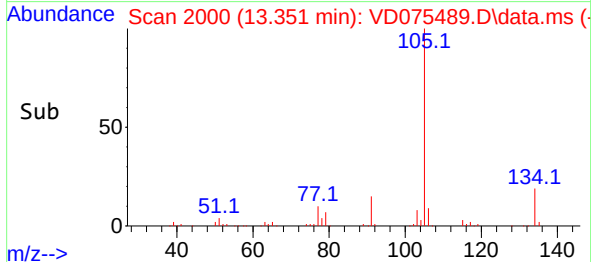
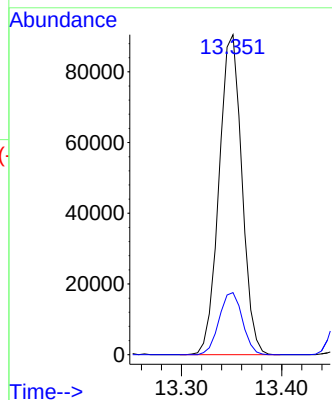
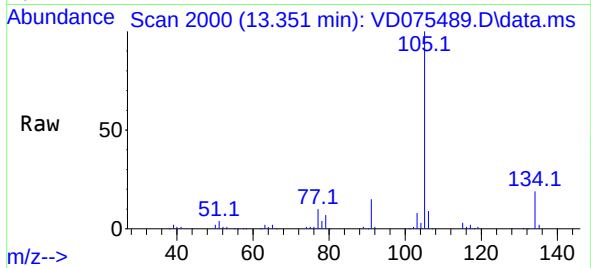




#85
sec-Butylbenzene
Concen: 19.390 ug/l
RT: 13.351 min Scan# 2000
Delta R.T. 0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

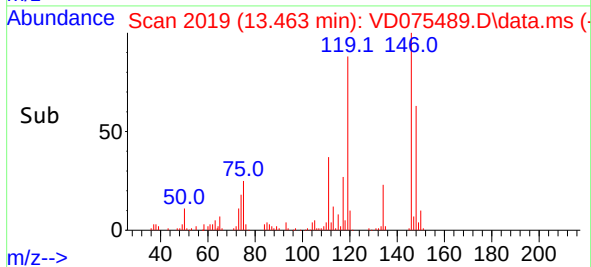
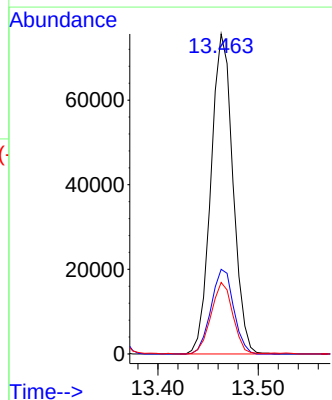
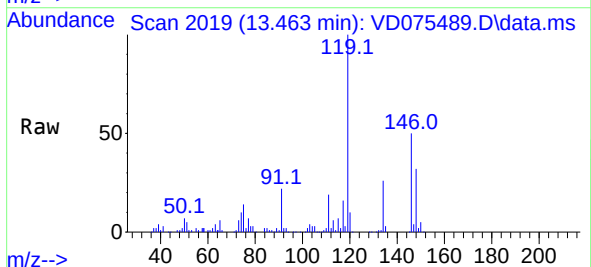
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

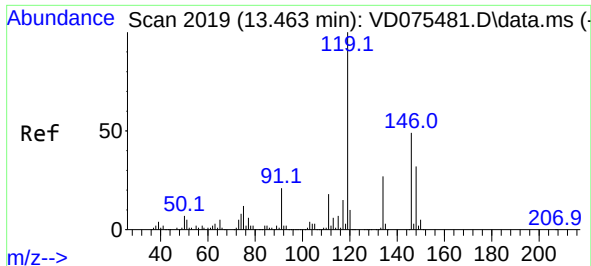
Tgt Ion:105 Resp: 142747
Ion Ratio Lower Upper
105 100
134 19.8 9.9 29.7



#86
p-Isopropyltoluene
Concen: 19.171 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion:119 Resp: 115324
Ion Ratio Lower Upper
119 100
134 27.2 13.1 39.3
91 22.2 12.4 37.4

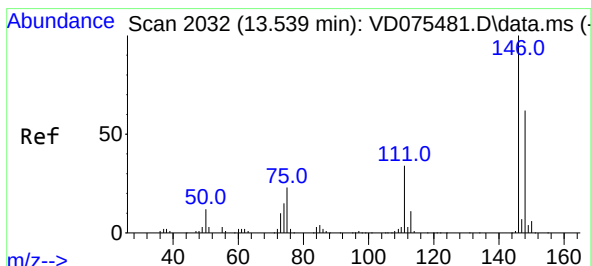
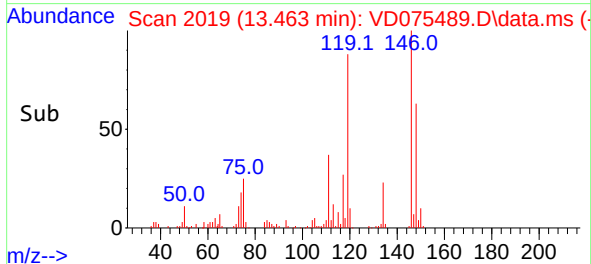
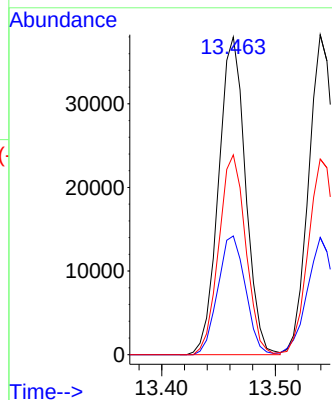
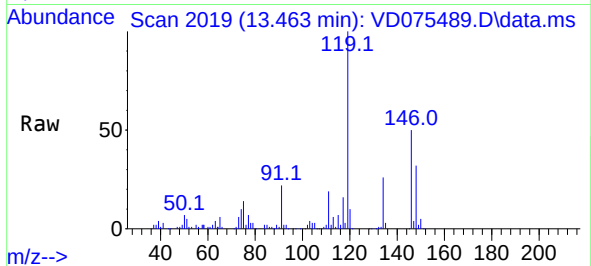




#87
1,3-Dichlorobenzene
Concen: 19.087 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

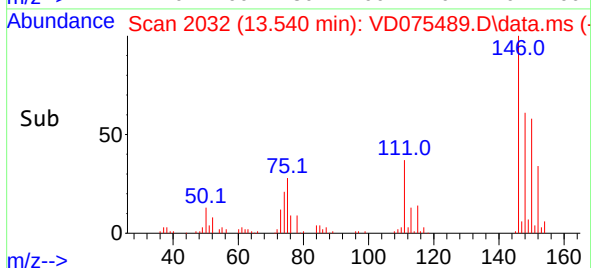
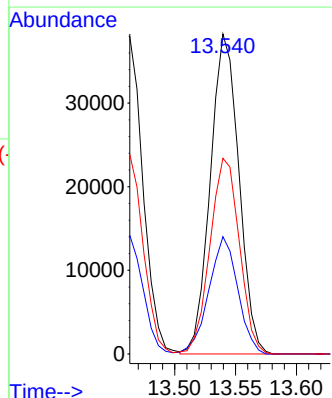
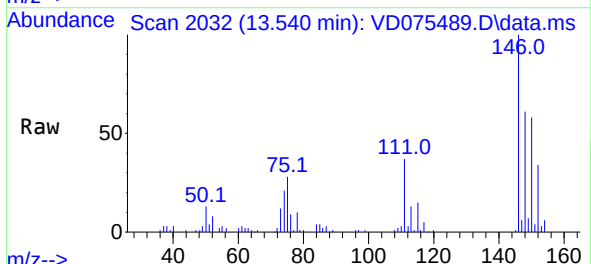
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

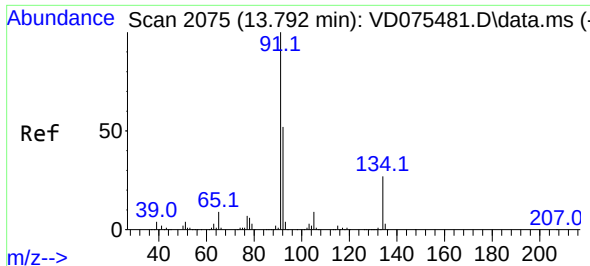
Tgt Ion:146 Resp: 62583
Ion Ratio Lower Upper
146 100
111 38.2 19.8 59.3
148 62.8 31.0 93.0



#88
1,4-Dichlorobenzene
Concen: 19.224 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion:146 Resp: 62354
Ion Ratio Lower Upper
146 100
111 37.2 19.6 58.8
148 63.2 31.7 95.1

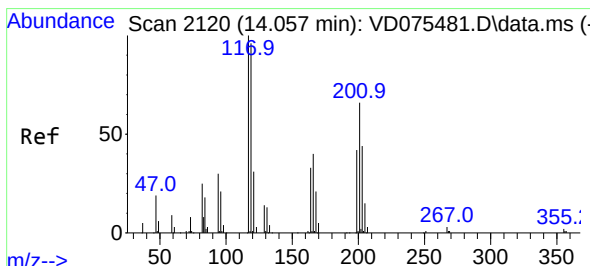
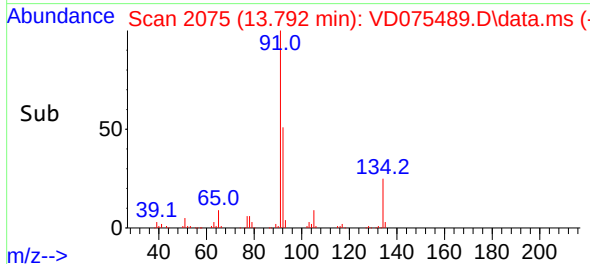
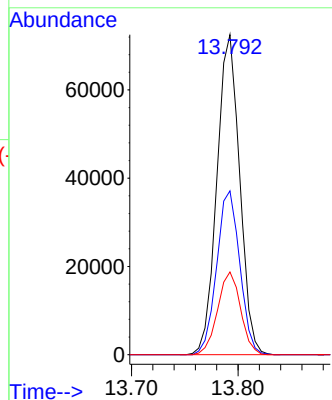
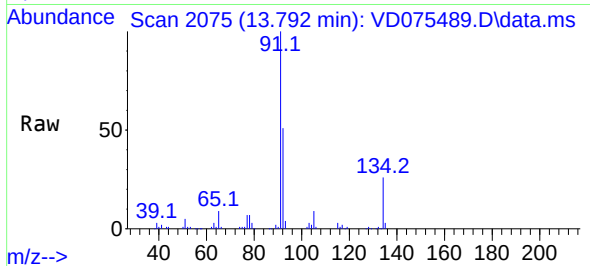




#89
n-Butylbenzene
Concen: 19.510 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

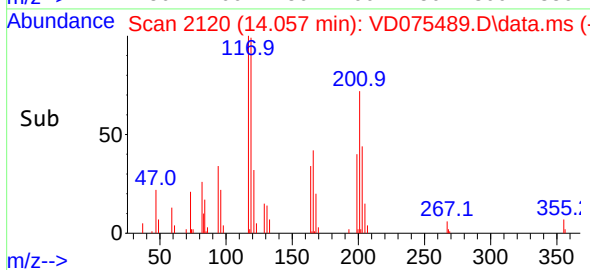
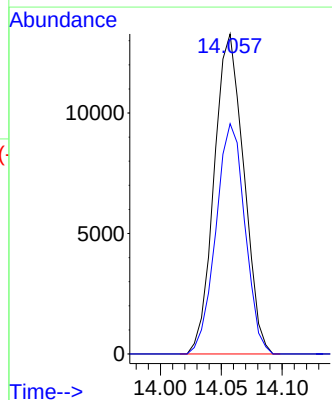
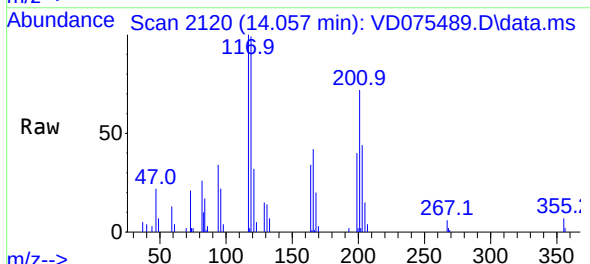
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

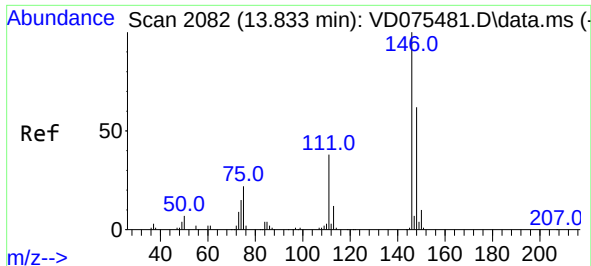
Tgt Ion: 91 Resp: 107634
Ion Ratio Lower Upper
91 100
92 51.9 26.2 78.5
134 26.0 12.7 38.0



#90
Hexachloroethane
Concen: 19.375 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion: 117 Resp: 22506
Ion Ratio Lower Upper
117 100
201 70.7 34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 19.205 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075489.D

Acq: 10 Mar 2023 11:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

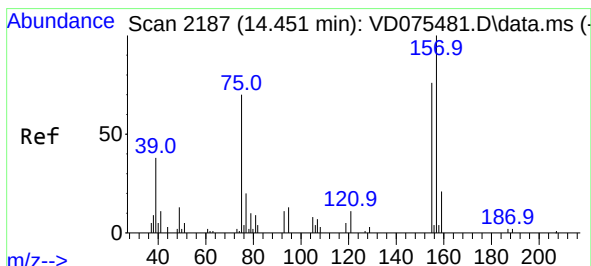
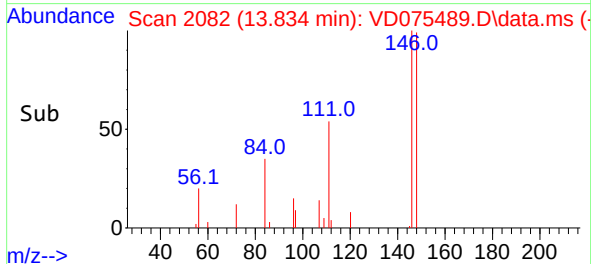
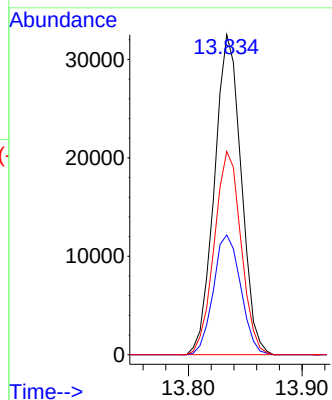
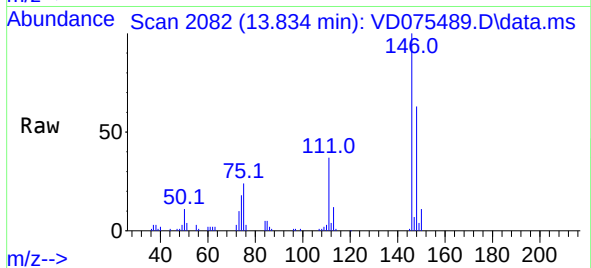
Tgt Ion:146 Resp: 53288

Ion Ratio Lower Upper

146 100

111 38.1 20.6 61.8

148 63.5 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.189 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD075489.D

Acq: 10 Mar 2023 11:27

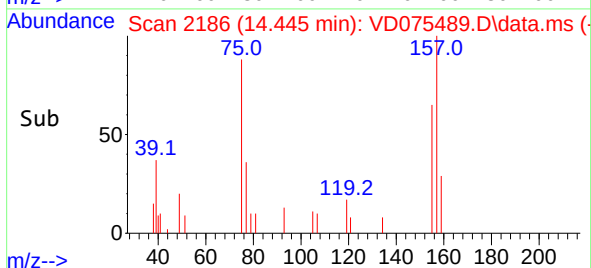
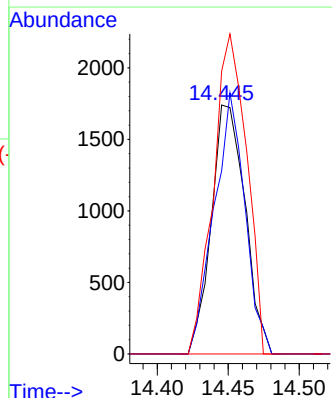
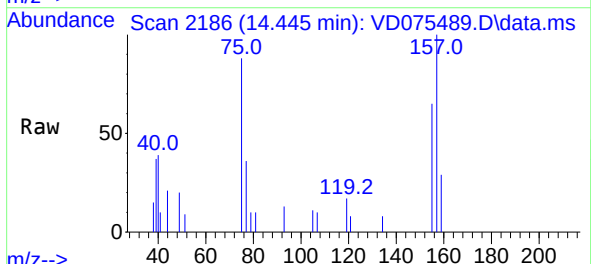
Tgt Ion: 75 Resp: 2875

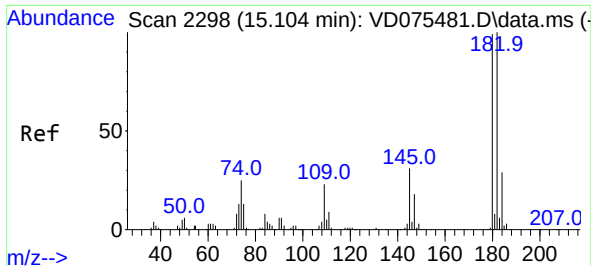
Ion Ratio Lower Upper

75 100

155 95.9 39.5 118.5

157 127.1 53.5 160.7

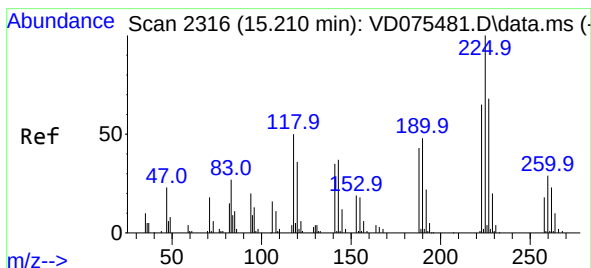
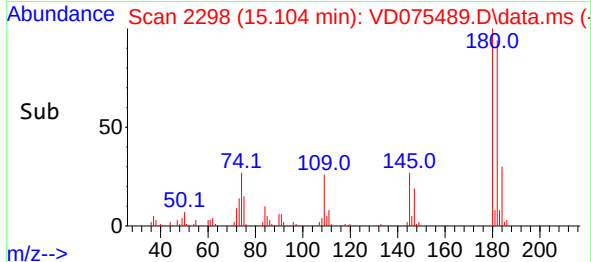
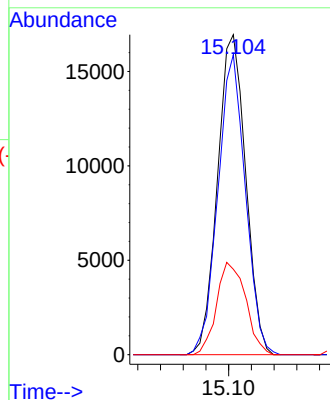
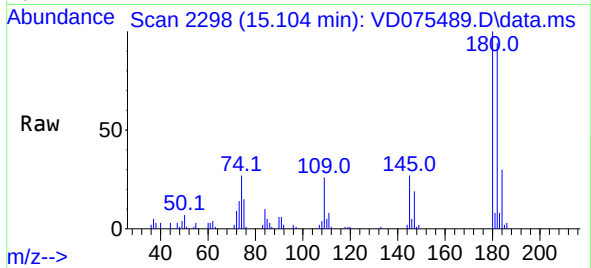




#93
1,2,4-Trichlorobenzene
Concen: 18.028 ug/l
RT: 15.104 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

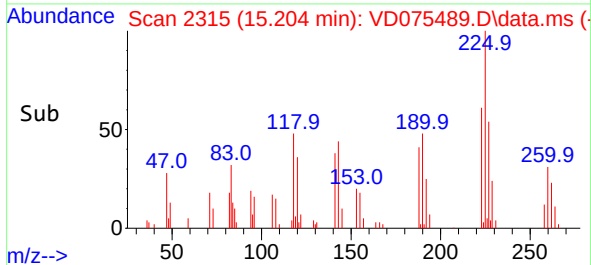
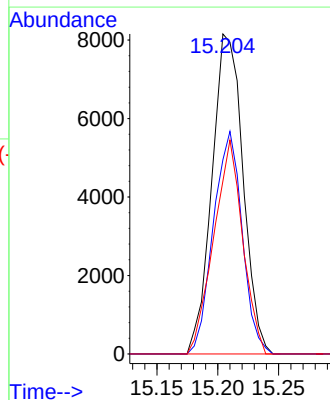
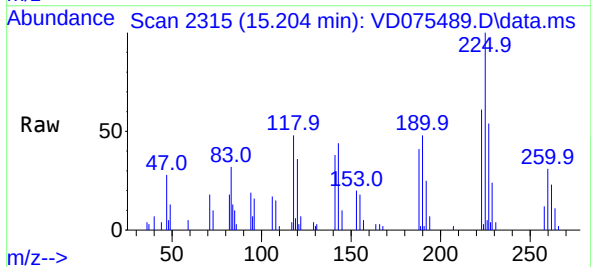
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

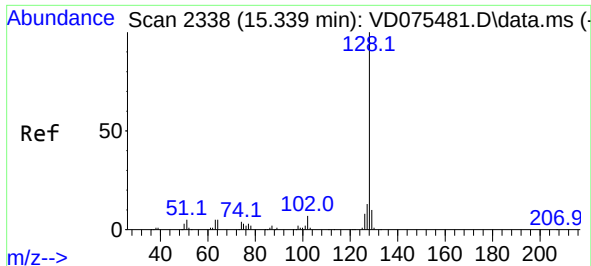
Tgt Ion:	180	Resp:	29172
Ion Ratio	Lower	Upper	
180	100		
182	91.4	47.9	143.7
145	29.8	15.9	47.7



#94
Hexachlorobutadiene
Concen: 18.761 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion:	225	Resp:	14479
Ion Ratio	Lower	Upper	
225	100		
223	64.4	33.1	99.2
227	62.2	31.9	95.9

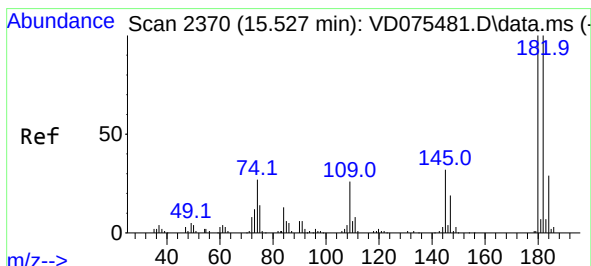
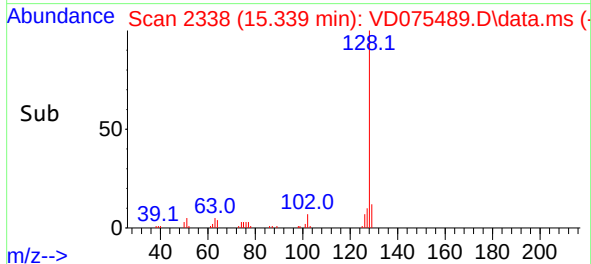
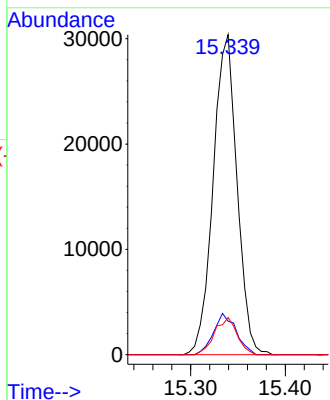
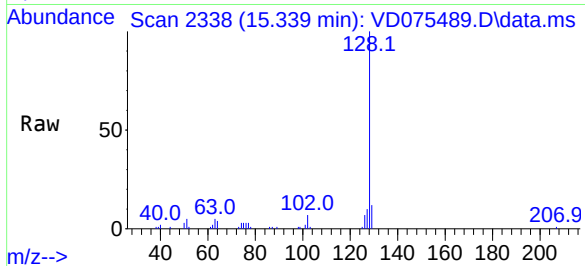




#95
Naphthalene
Concen: 17.892 ug/l
RT: 15.339 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:	128	Resp:	53147
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.4	15.6
129	11.0	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 17.748 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD075489.D
Acq: 10 Mar 2023 11:27

Tgt Ion:	180	Resp:	24781
Ion	Ratio	Lower	Upper
180	100		
182	97.7	47.7	143.1
145	31.1	16.4	49.4

