

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074180.D
 Acq On : 23 Aug 2022 10:14
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Aug 23 12:46:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 12:44:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	159630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	266033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	245582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	126209	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	9820	6.511	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	13.020%#
35) Dibromofluoromethane	7.909	113	10032	5.803	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.600%#
50) Toluene-d8	10.332	98	30806	5.739	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	11.480%#
62) 4-Bromofluorobenzene	12.620	95	11487	5.298	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	10.600%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.991	85	8162	5.294	ug/l	84
3) Chloromethane	2.209	50	5009	2.942	ug/l	99
4) Vinyl Chloride	2.344	62	4855	2.215	ug/l	93
5) Bromomethane	2.768	94	3385	1.943	ug/l	99
6) Chloroethane	2.915	64	3230	1.773	ug/l #	85
7) Trichlorofluoromethane	3.268	101	15467	4.575	ug/l	99
8) Diethyl Ether	3.715	74	3714	5.063	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.091	101	9426	5.126	ug/l	93
10) Methyl Iodide	4.297	142	7806	4.558	ug/l	97
11) Tert butyl alcohol	5.238	59	1795	17.171	ug/l #	74
12) 1,1-Dichloroethene	4.062	96	7839	5.105	ug/l #	79
13) Acrolein	3.921	56	1243	15.111	ug/l	94
14) Allyl chloride	4.721	41	11094	5.519	ug/l #	90
15) Acrylonitrile	5.409	53	8368	28.131	ug/l	97
16) Acetone	4.150	43	7812	24.493	ug/l #	84
17) Carbon Disulfide	4.403	76	20427	5.062	ug/l #	92
18) Methyl Acetate	4.715	43	6581	8.143	ug/l #	85
19) Methyl tert-butyl Ether	5.479	73	17374	5.202	ug/l	97
20) Methylene Chloride	4.962	84	18948	7.864	ug/l #	85
21) trans-1,2-Dichloroethene	5.462	96	8829	5.227	ug/l #	76
22) Diisopropyl ether	6.362	45	22422	5.292	ug/l #	89
23) Vinyl Acetate	6.303	43	37506	17.204	ug/l #	92
24) 1,1-Dichloroethane	6.256	63	16981	5.829	ug/l #	94
25) 2-Butanone	7.215	43	12501	29.350	ug/l #	90
26) 2,2-Dichloropropane	7.203	77	15488	5.266	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	10234	5.226	ug/l	93
28) Bromochloromethane	7.538	49	5627	5.401	ug/l #	83
29) Tetrahydrofuran	7.562	42	6656	28.024	ug/l #	91
30) Chloroform	7.703	83	17533	5.252	ug/l	96
31) Cyclohexane	7.979	56	15196	6.057	ug/l #	66
32) 1,1,1-Trichloroethane	7.897	97	16652	5.331	ug/l	94
36) 1,1-Dichloropropene	8.103	75	12761	5.211	ug/l	93
37) Ethyl Acetate	7.291	43	5509	5.740	ug/l	96
38) Carbon Tetrachloride	8.097	117	13472	4.867	ug/l	94
39) Methylcyclohexane	9.344	83	13069	4.775	ug/l	89
40) Benzene	8.344	78	36834	5.341	ug/l	96

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 ClientSampleId :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	2862	5.660	ug/l #	91
42) 1,2-Dichloroethane	8.414	62	10840	5.294	ug/l	94
43) Isopropyl Acetate	8.450	43	10268	5.775	ug/l #	88
44) Trichloroethene	9.103	130	11453	5.708	ug/l	97
45) 1,2-Dichloropropane	9.373	63	9831	5.903	ug/l	95
46) Dibromomethane	9.461	93	5210	5.043	ug/l	94
47) Bromodichloromethane	9.650	83	13463	5.073	ug/l #	82
48) Methyl methacrylate	9.450	41	4200	5.080	ug/l #	80
49) 1,4-Dioxane	9.444	88	1058	103.451	ug/l #	60
51) 4-Methyl-2-Pentanone	10.214	43	23614	25.900	ug/l	99
52) Toluene	10.397	92	24499	5.450	ug/l	94
53) t-1,3-Dichloropropene	10.614	75	11254	4.919	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	13709	5.136	ug/l	96
55) 1,1,2-Trichloroethane	10.791	97	7285	5.322	ug/l	88
56) Ethyl methacrylate	10.650	69	6469	4.496	ug/l	92
57) 1,3-Dichloropropane	10.932	76	11539	5.207	ug/l	92
58) 2-Chloroethyl Vinyl ether	9.932	63	13087	25.571	ug/l	96
59) 2-Hexanone	10.973	43	15299	24.568	ug/l	98
60) Dibromochloromethane	11.132	129	9174	4.961	ug/l	98
61) 1,2-Dibromoethane	11.232	107	6869	5.120	ug/l	99
64) Tetrachloroethene	10.867	164	9434	5.844	ug/l	91
65) Chlorobenzene	11.655	112	27268	5.500	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.726	131	10433	5.390	ug/l	99
67) Ethyl Benzene	11.732	91	42301	4.968	ug/l	95
68) m/p-Xylenes	11.838	106	33412	9.768	ug/l	92
69) o-Xylene	12.167	106	14956	4.807	ug/l	96
70) Styrene	12.179	104	25552	4.713	ug/l	96
71) Bromoform	12.344	173	5764	5.741	ug/l #	95
73) Isopropylbenzene	12.467	105	38697	4.546	ug/l	95
74) N-amyl acetate	12.273	43	8611	5.154	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.708	83	7786	5.050	ug/l	94
76) 1,2,3-Trichloropropane	12.761	75	9772	8.317	ug/l #	100
77) Bromobenzene	12.744	156	10304	5.064	ug/l	84
78) n-propylbenzene	12.802	91	49168	4.671	ug/l	98
79) 2-Chlorotoluene	12.891	91	28698	4.787	ug/l	96
80) 1,3,5-Trimethylbenzene	12.944	105	33956	4.679	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.508	75	2099	4.813	ug/l #	84
82) 4-Chlorotoluene	12.985	91	31806	5.018	ug/l	99
83) tert-Butylbenzene	13.208	119	28244	4.541	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	31845	4.388	ug/l	99
85) sec-Butylbenzene	13.385	105	42660	4.463	ug/l	98
86) p-Isopropyltoluene	13.497	119	33988	4.260	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	20892	4.860	ug/l	95
88) 1,4-Dichlorobenzene	13.579	146	21926	5.114	ug/l	91
89) n-Butylbenzene	13.826	91	34049	4.466	ug/l	97
90) Hexachloroethane	14.091	117	8365	5.049	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	18287	4.797	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.479	75	1220	4.674	ug/l	89
93) 1,2,4-Trichlorobenzene	15.138	180	10916	4.542	ug/l	99
94) Hexachlorobutadiene	15.249	225	6304	4.438	ug/l	98
95) Naphthalene	15.373	128	16745	4.047	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.567	180	9213	4.351	ug/l	94

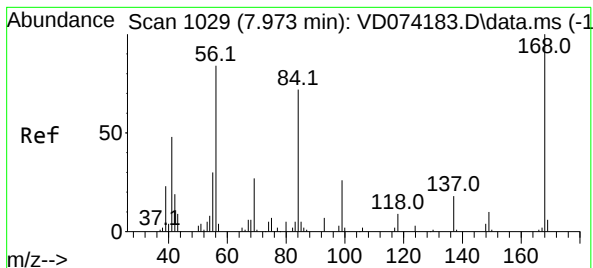
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
Data File : VD074180.D
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Sample : VSTDICC005
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
QLast Update : Tue Aug 23 12:44:46 2022
Response via : Initial Calibration

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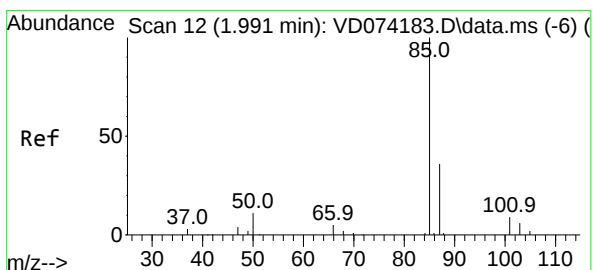
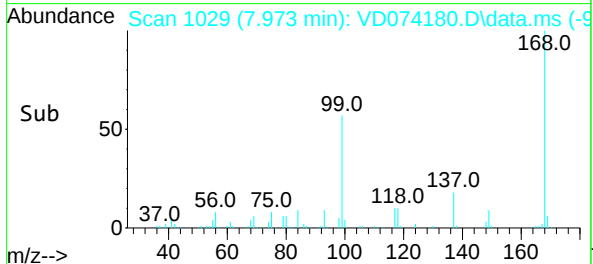
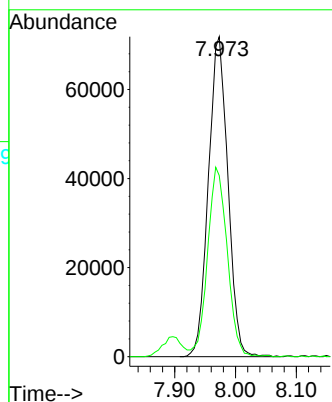
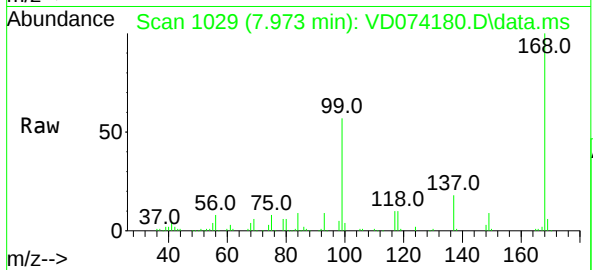
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

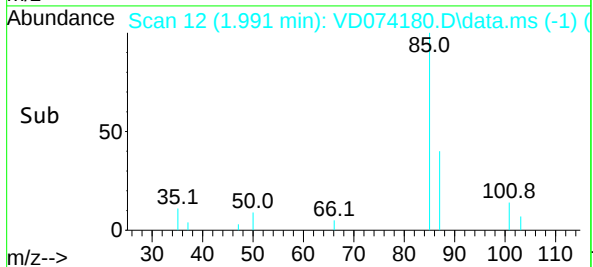
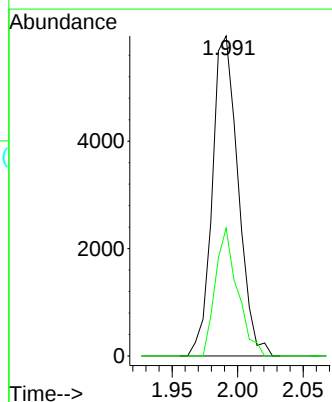
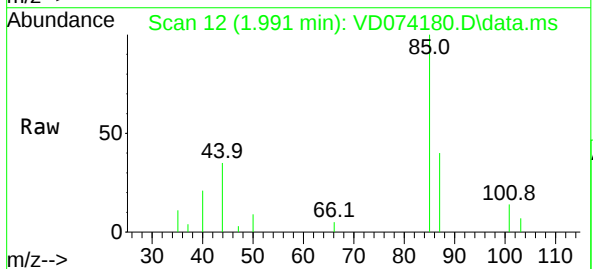
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ClientSampleId :
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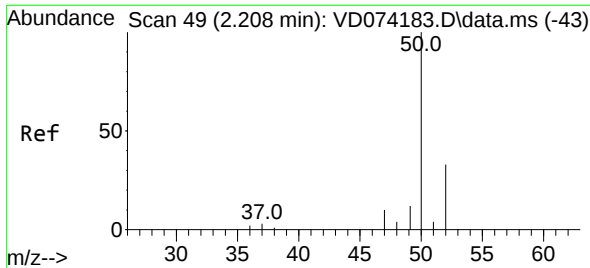
Tgt Ion:168 Resp: 159630
Ion Ratio Lower Upper
168 100
99 56.6 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 5.294 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

Tgt Ion: 85 Resp: 8162
Ion Ratio Lower Upper
85 100
87 40.0 15.7 47.0

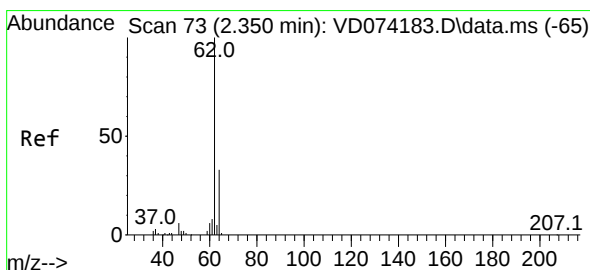
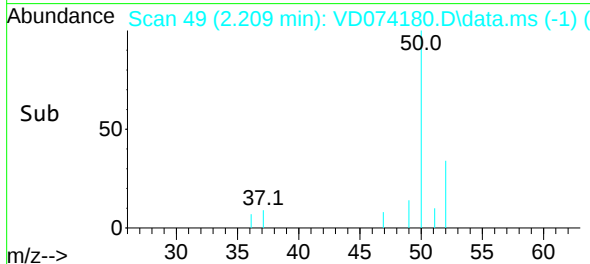
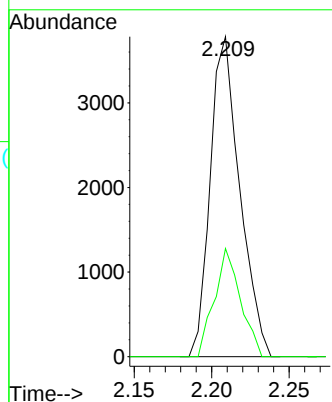
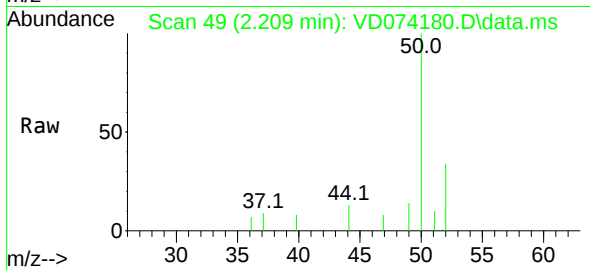




#3
Chloromethane
Concen: 2.942 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

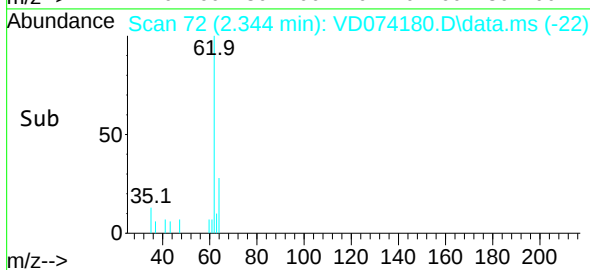
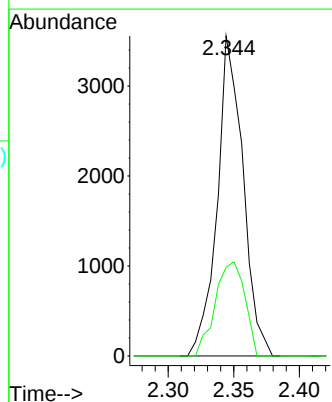
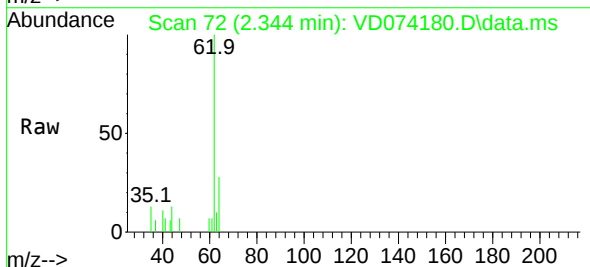
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

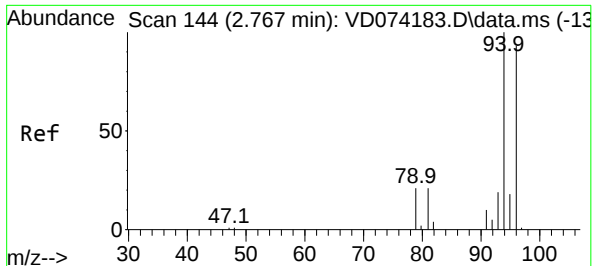
Tgt Ion: 50 Resp: 5009
Ion Ratio Lower Upper
50 100
52 33.8 27.4 41.0



#4
Vinyl Chloride
Concen: 2.215 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.005 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

Tgt Ion: 62 Resp: 4855
Ion Ratio Lower Upper
62 100
64 27.7 25.4 38.0

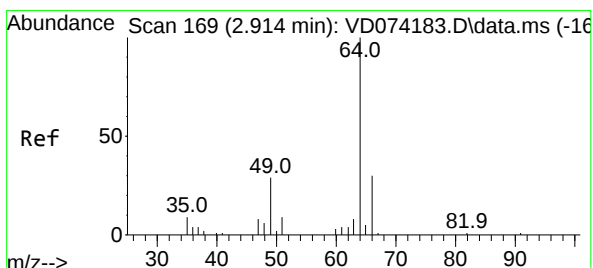
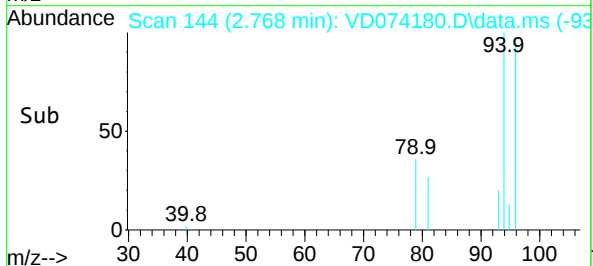
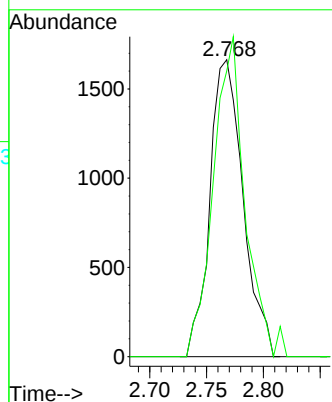
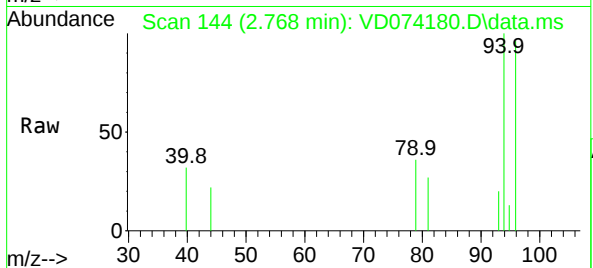




#5
Bromomethane
Concen: 1.943 ug/l
RT: 2.768 min Scan# 144
Delta R.T. 0.000 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

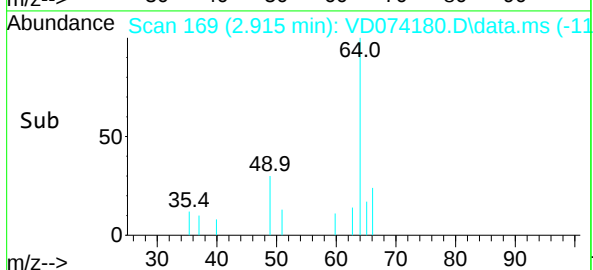
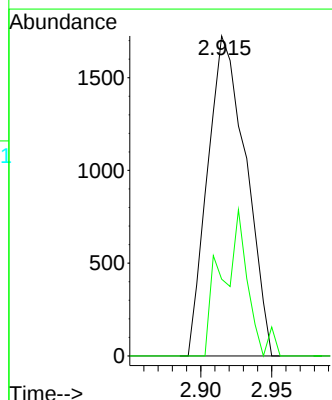
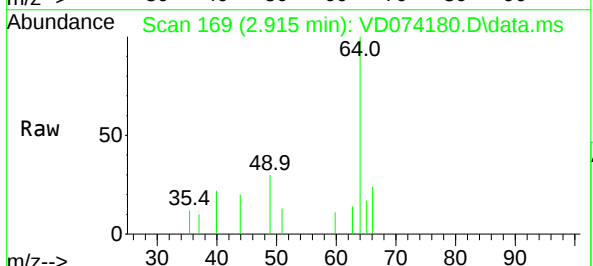
Instrument :
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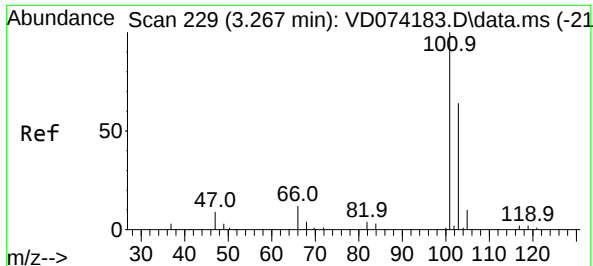
Tgt Ion: 94 Resp: 3385
Ion Ratio Lower Upper
94 100
96 96.2 77.6 116.4



#6
Chloroethane
Concen: 1.773 ug/l
RT: 2.915 min Scan# 169
Delta R.T. 0.000 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

Tgt Ion: 64 Resp: 3230
Ion Ratio Lower Upper
64 100
66 24.0 25.9 38.9#

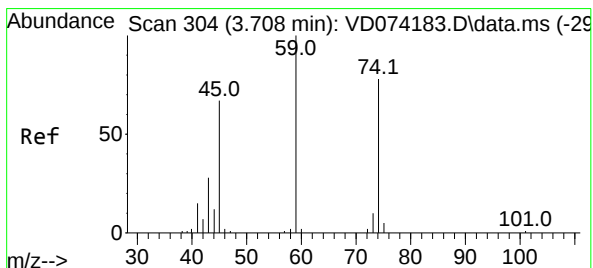
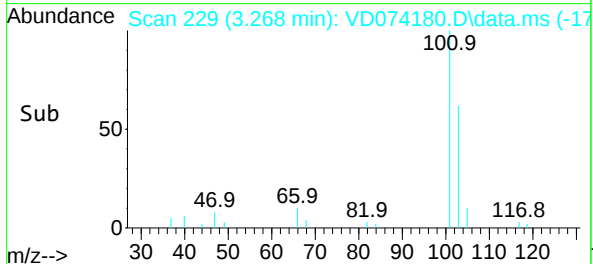
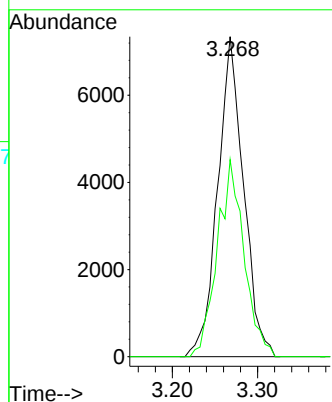
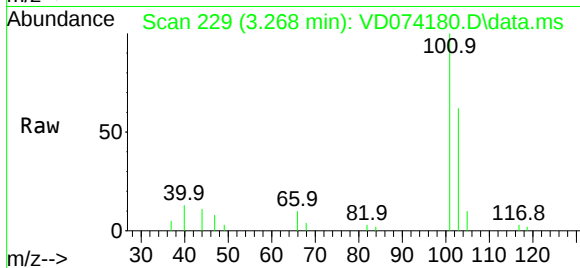




#7
 Trichlorofluoromethane
 Concen: 4.575 ug/l
 RT: 3.268 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD074180.D
 Acq: 23 Aug 2022 10:14

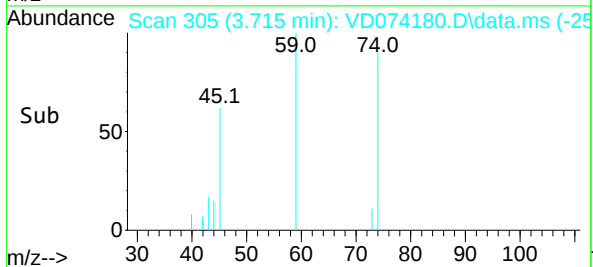
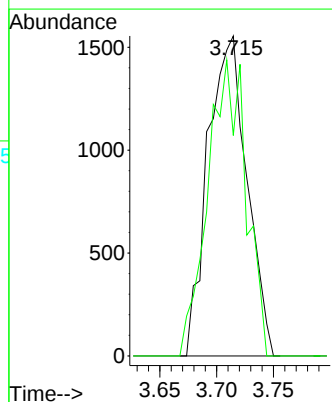
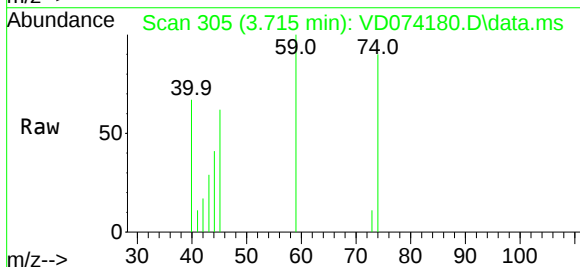
Instrument :
 MSVOA_D
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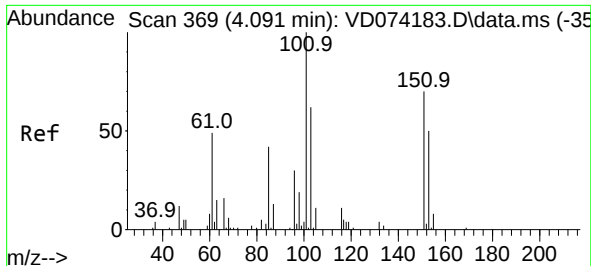
Tgt Ion:101 Resp: 15467
 Ion Ratio Lower Upper
 101 100
 103 61.6 50.1 75.1



#8
 Diethyl Ether
 Concen: 5.063 ug/l
 RT: 3.715 min Scan# 305
 Delta R.T. 0.006 min
 Lab File: VD074180.D
 Acq: 23 Aug 2022 10:14

Tgt Ion: 74 Resp: 3714
 Ion Ratio Lower Upper
 74 100
 45 90.4 52.6 157.8

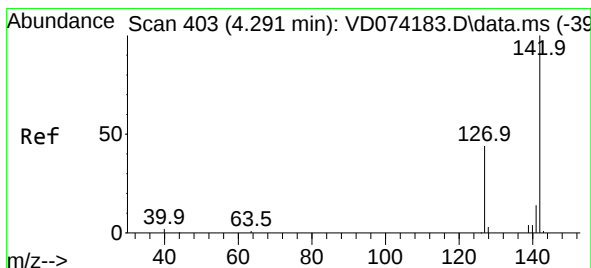
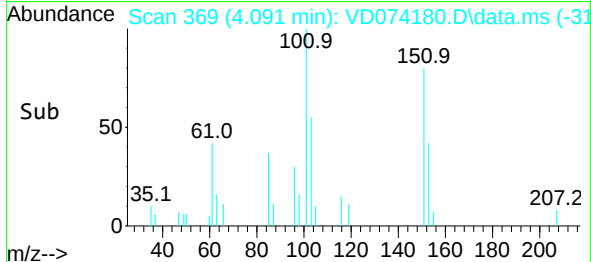
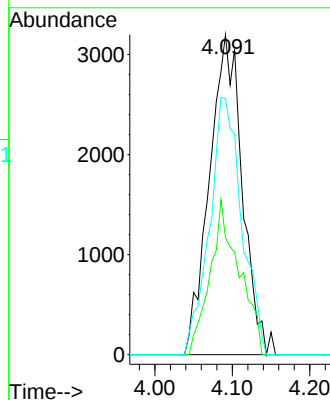
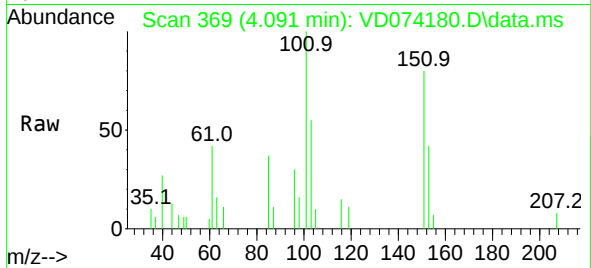




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.126 ug/l
RT: 4.091 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD074180.D
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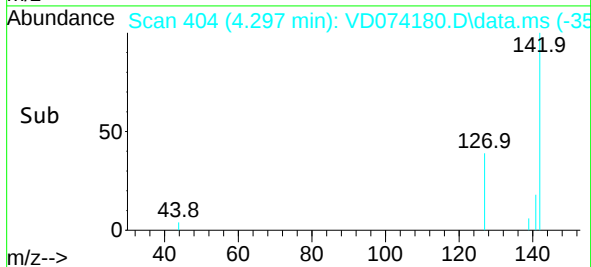
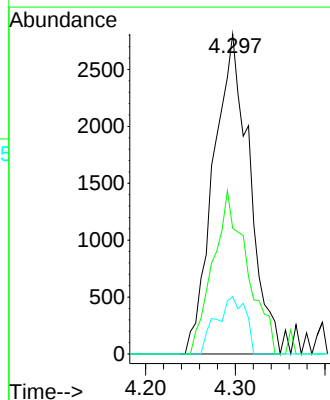
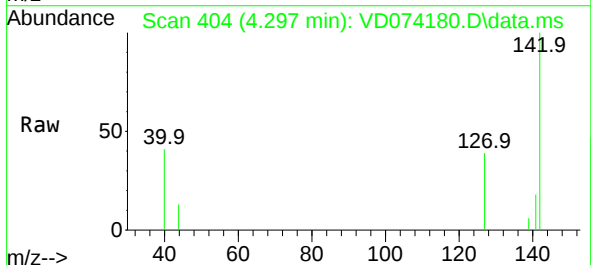
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

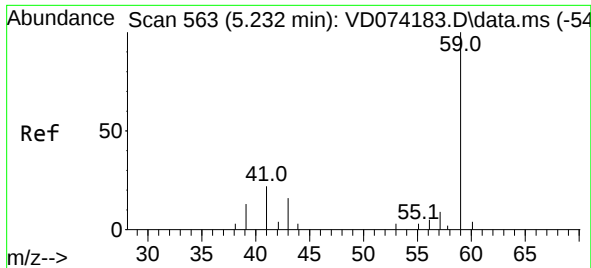
Tgt Ion:101 Resp: 9426
Ion Ratio Lower Upper
101 100
85 42.8 36.4 54.6
151 79.0 57.3 85.9



#10
Methyl Iodide
Concen: 4.558 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

Tgt Ion:142 Resp: 7806
Ion Ratio Lower Upper
142 100
127 48.9 37.3 55.9
141 14.5 11.7 17.5

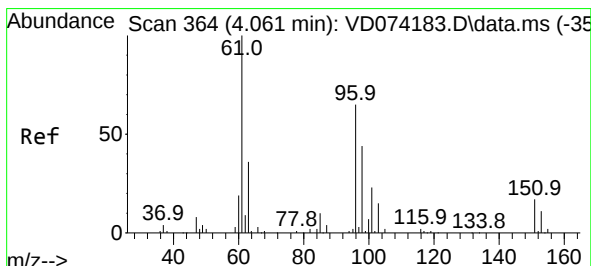
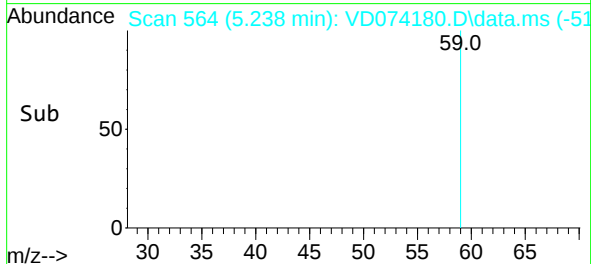
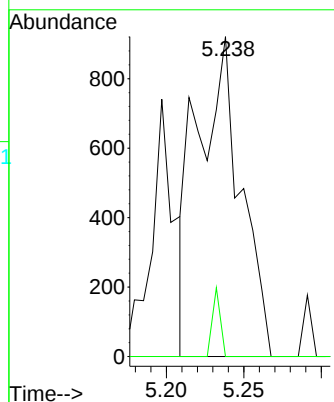
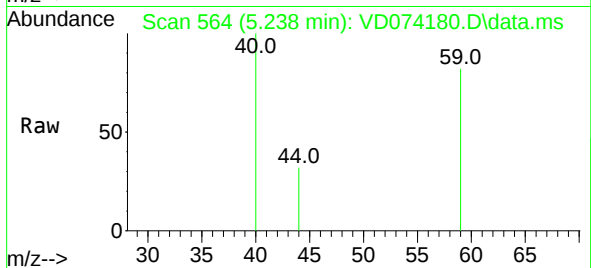




#11
Tert butyl alcohol
Concen: 17.171 ug/l
RT: 5.238 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

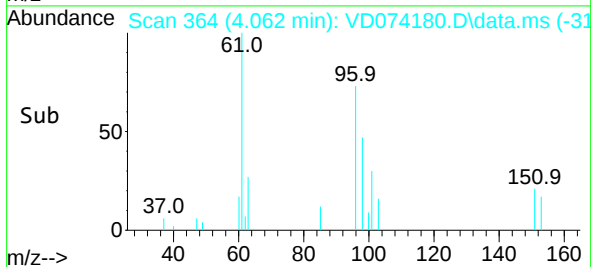
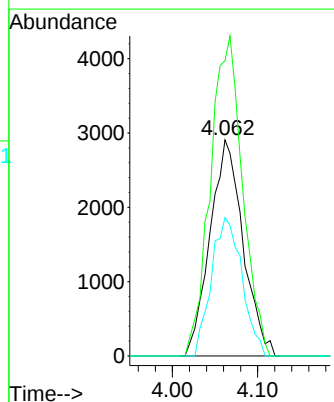
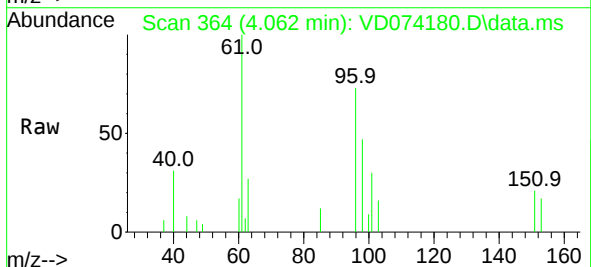
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

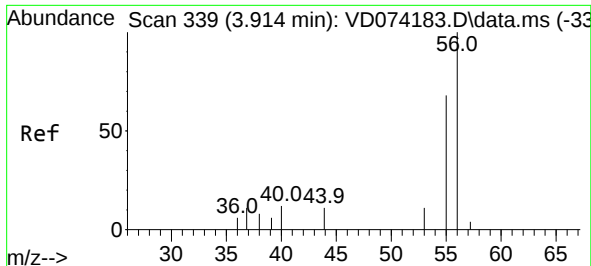
Tgt Ion: 59 Resp: 1795
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 5.105 ug/l
RT: 4.062 min Scan# 364
Delta R.T. 0.000 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

Tgt Ion: 96 Resp: 7839
Ion Ratio Lower Upper
96 100
61 136.7 138.5 207.7#
98 64.1 48.6 73.0





#13

Acrolein

Concen: 15.111 ug/l

RT: 3.921 min Scan# 34

Delta R.T. 0.006 min

Lab File: VD074180.D

Acq: 23 Aug 2022 10:14

Instrument :

MSVOA_D

ClientSampleId :

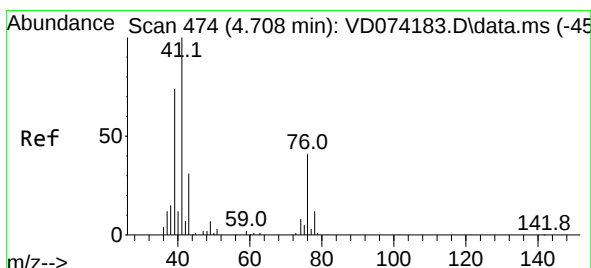
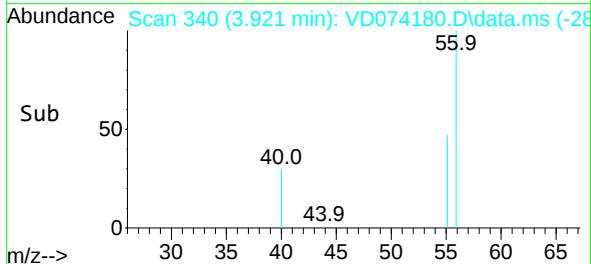
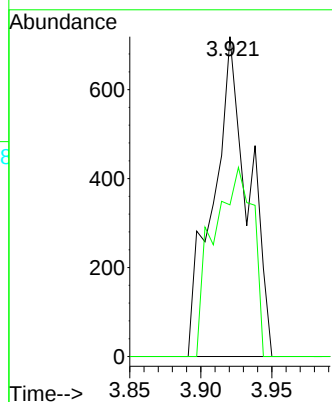
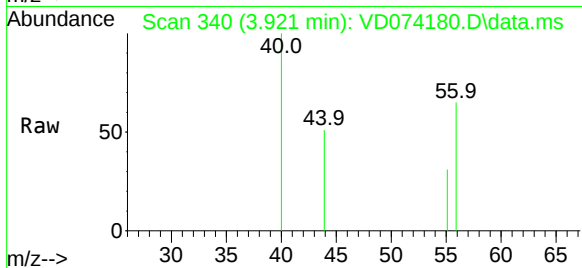
VSTDIC005

Tgt Ion: 56 Resp: 1243

Ion Ratio Lower Upper

56 100

55 66.5 57.1 85.7



#14

Allyl chloride

Concen: 5.519 ug/l

RT: 4.721 min Scan# 476

Delta R.T. 0.012 min

Lab File: VD074180.D

Acq: 23 Aug 2022 10:14

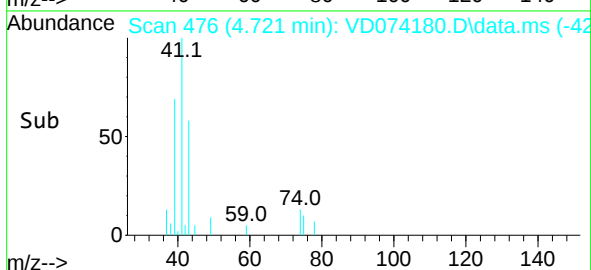
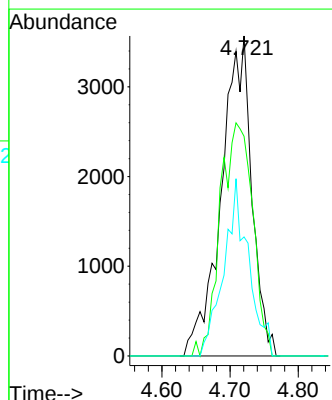
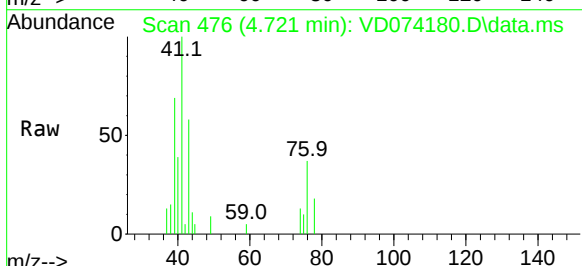
Tgt Ion: 41 Resp: 11094

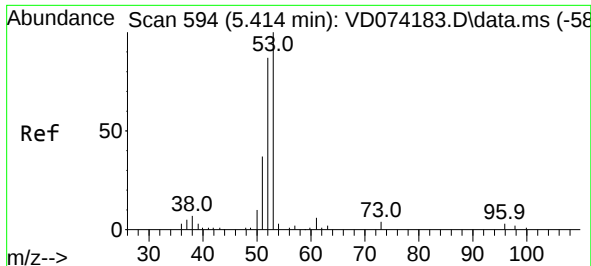
Ion Ratio Lower Upper

41 100

39 77.5 59.3 88.9

76 44.6 25.7 38.5#

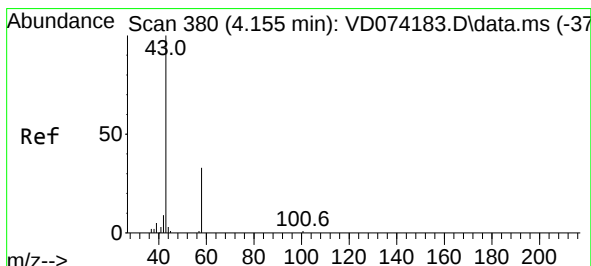
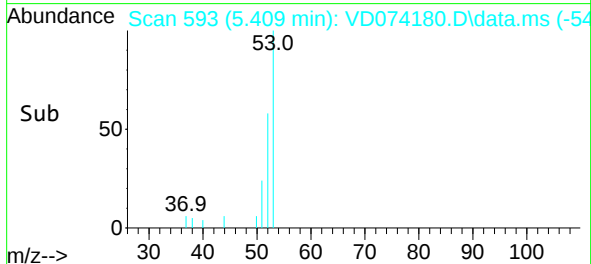
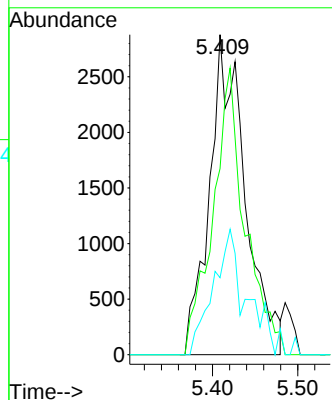
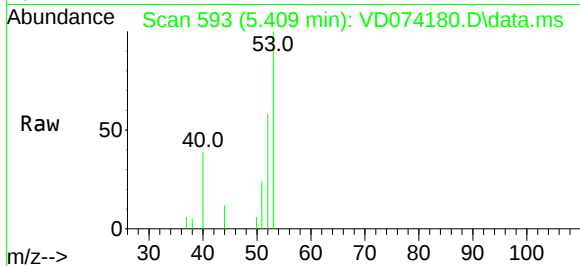




#15
Acrylonitrile
Concen: 28.131 ug/l
RT: 5.409 min Scan# 51
Delta R.T. -0.005 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

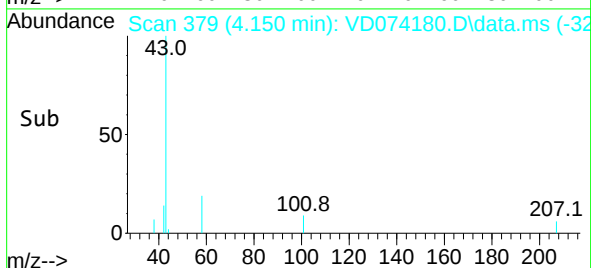
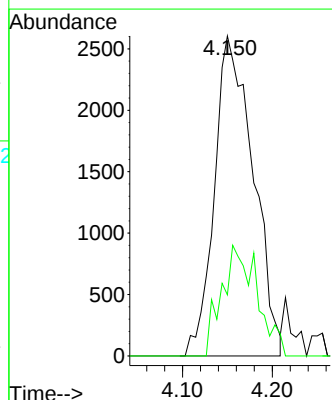
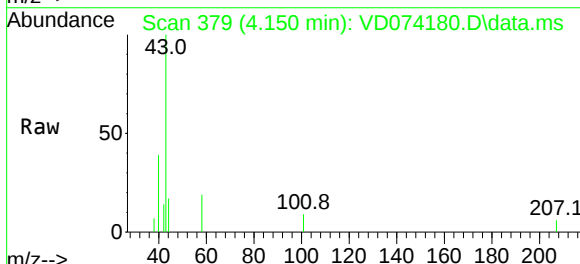
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

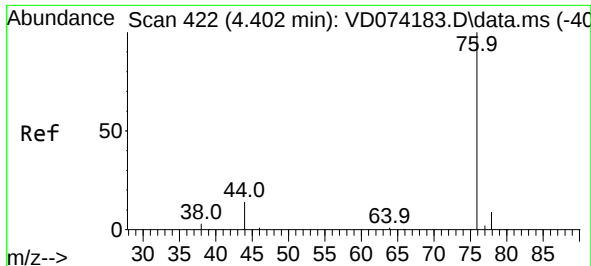
Tgt Ion: 53 Resp: 8368
Ion Ratio Lower Upper
53 100
52 80.9 67.2 100.8
51 36.0 30.3 45.5



#16
Acetone
Concen: 24.493 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.005 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

Tgt Ion: 43 Resp: 7812
Ion Ratio Lower Upper
43 100
58 19.1 22.1 33.1#

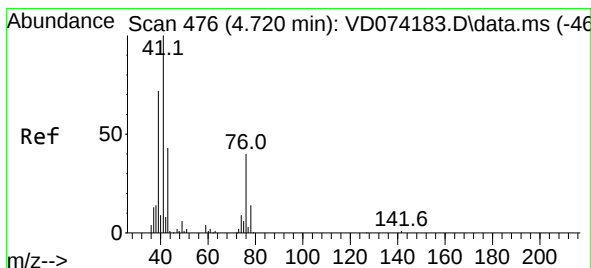
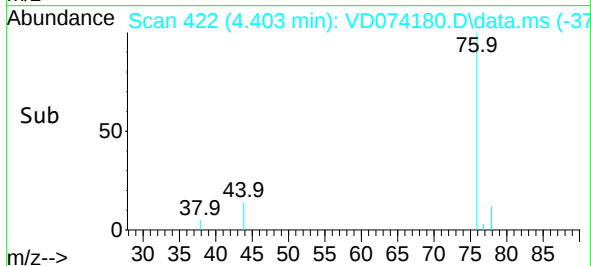
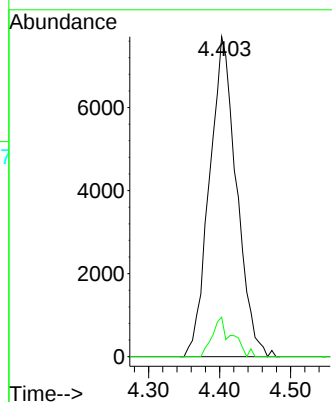
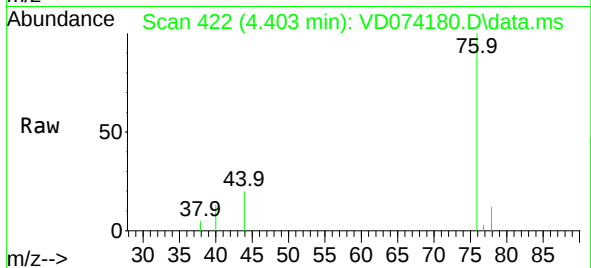




#17
Carbon Disulfide
Concen: 5.062 ug/l
RT: 4.403 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

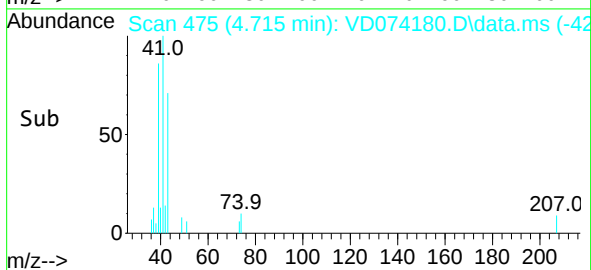
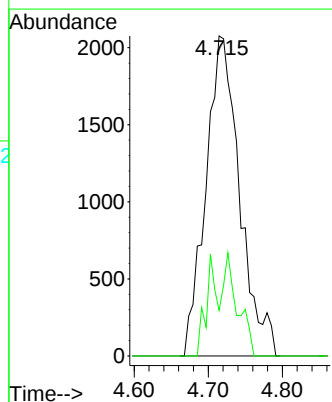
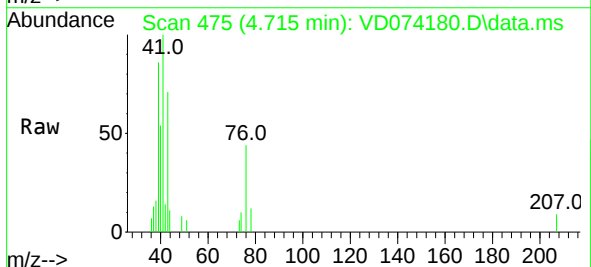
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

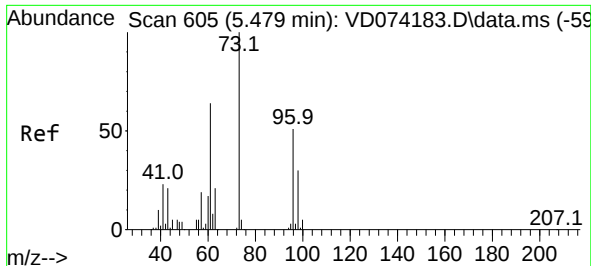
Tgt Ion: 76 Resp: 20427
Ion Ratio Lower Upper
76 100
78 12.4 7.5 11.3#



#18
Methyl Acetate
Concen: 8.143 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.005 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

Tgt Ion: 43 Resp: 6581
Ion Ratio Lower Upper
43 100
74 13.8 16.7 25.1#

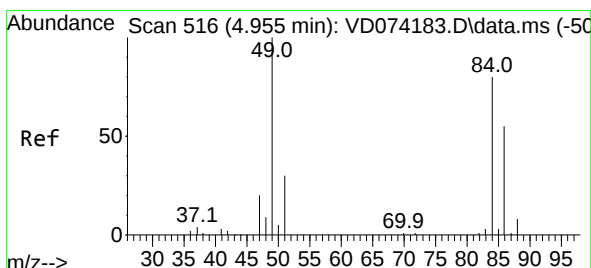
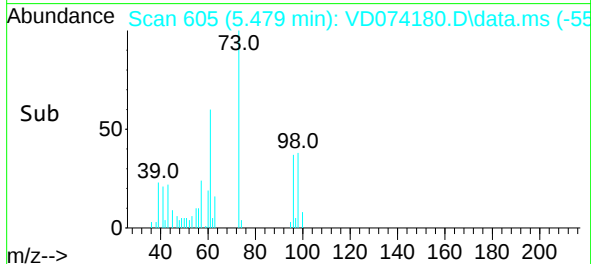
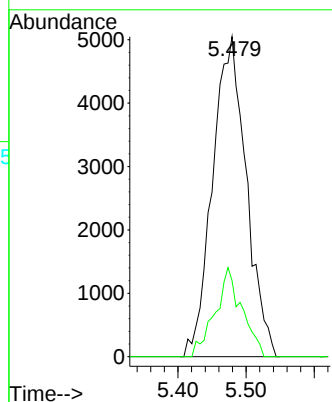
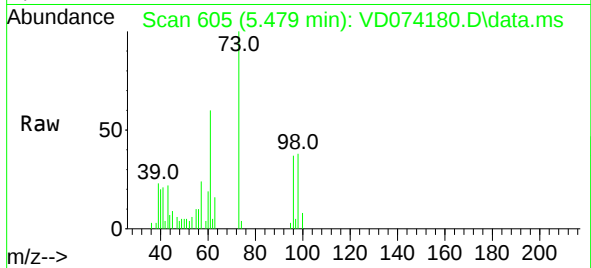




#19
Methyl tert-butyl Ether
Concen: 5.202 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

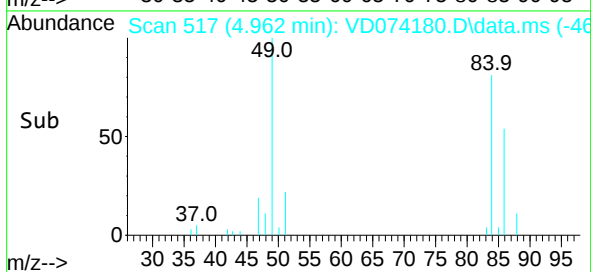
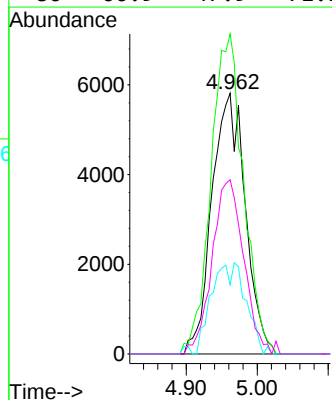
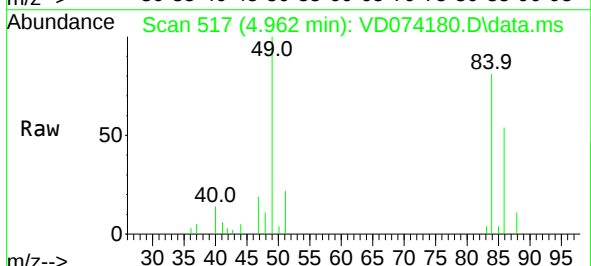
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

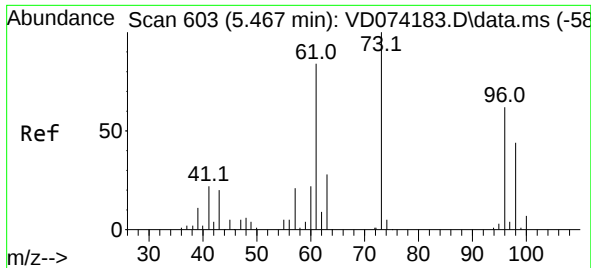
Tgt Ion: 73 Resp: 17374
Ion Ratio Lower Upper
73 100
57 23.8 18.0 27.0



#20
Methylene Chloride
Concen: 7.864 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

Tgt Ion: 84 Resp: 18948
Ion Ratio Lower Upper
84 100
49 122.8 112.8 169.2
51 26.6 32.6 48.8#
86 66.9 47.9 71.9

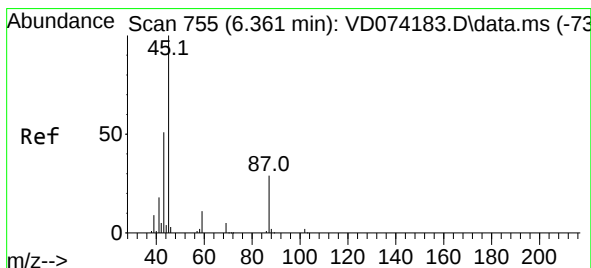
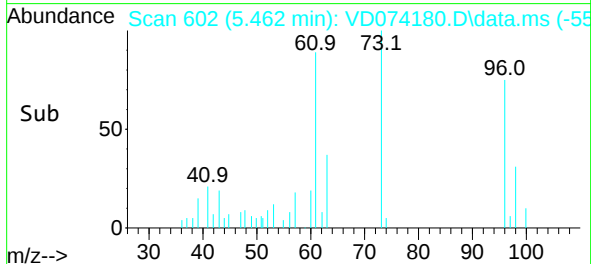
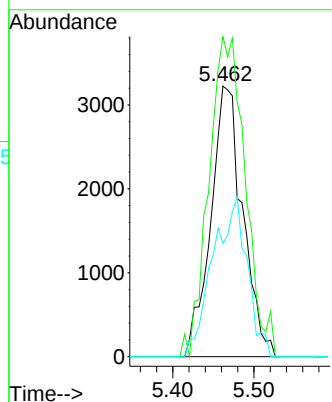
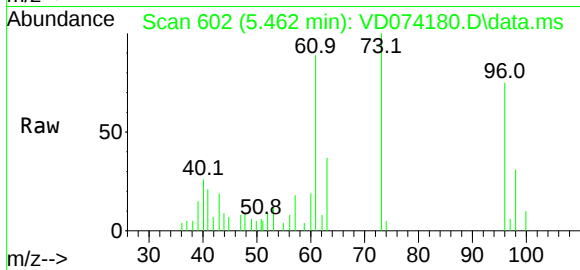




#21
trans-1,2-Dichloroethene
Concen: 5.227 ug/l
RT: 5.462 min Scan# 603
Delta R.T. -0.005 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

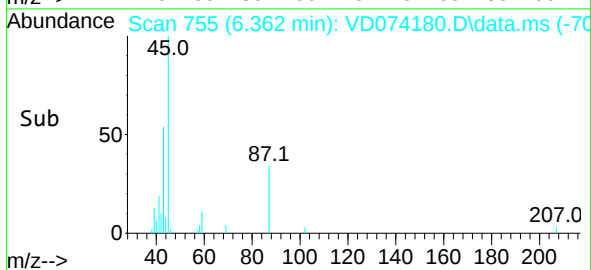
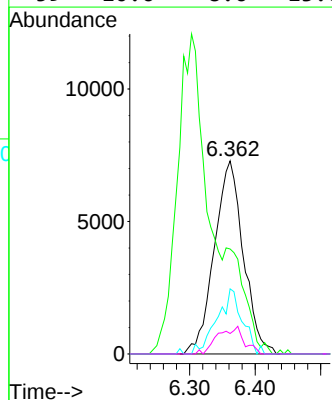
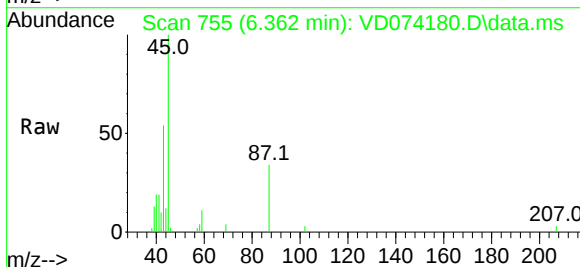
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 8829
Ion Ratio Lower Upper
96 100
61 118.3 117.9 176.9
98 41.9 49.4 74.2#



#22
Diisopropyl ether
Concen: 5.292 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

Tgt Ion: 45 Resp: 22422
Ion Ratio Lower Upper
45 100
43 52.3 46.6 70.0
87 33.7 18.4 27.6#
59 10.6 8.6 13.0

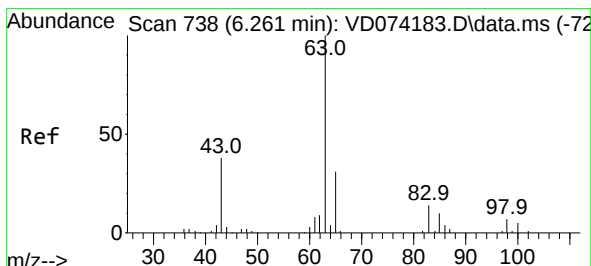
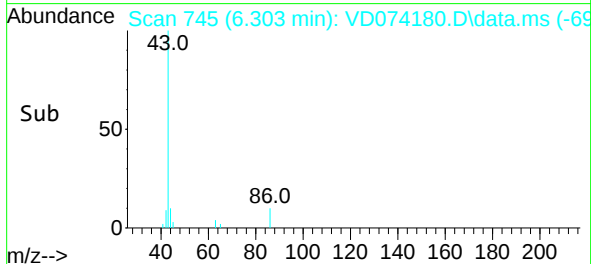
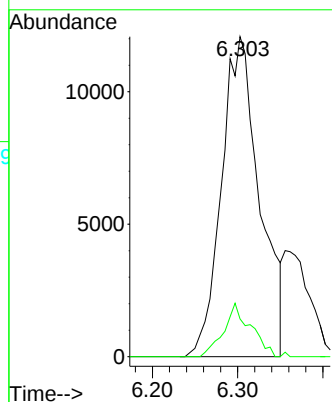
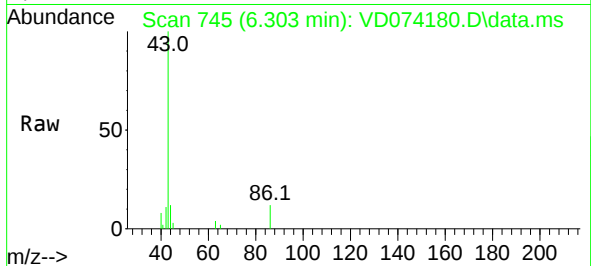




#23
 Vinyl Acetate
 Concen: 17.204 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD074180.D
 Acq: 23 Aug 2022 10:14

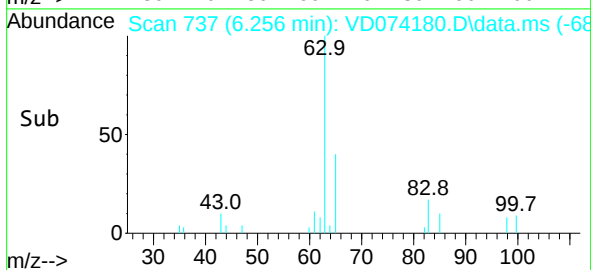
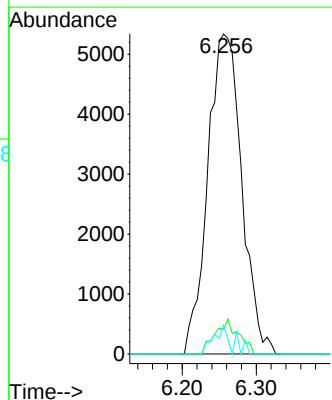
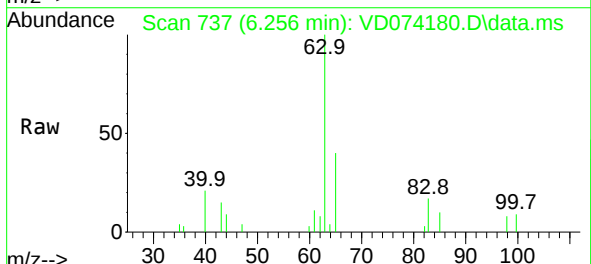
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

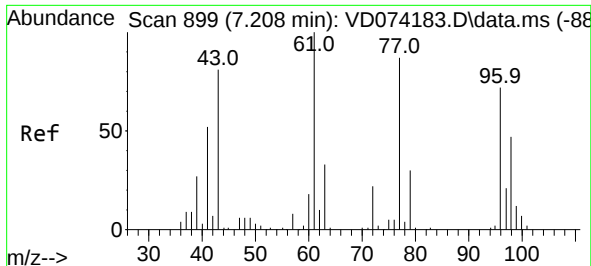
Tgt Ion: 43 Resp: 37506
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 5.829 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.005 min
 Lab File: VD074180.D
 Acq: 23 Aug 2022 10:14

Tgt Ion: 63 Resp: 16981
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.9
 100 9.0 2.1 6.5#

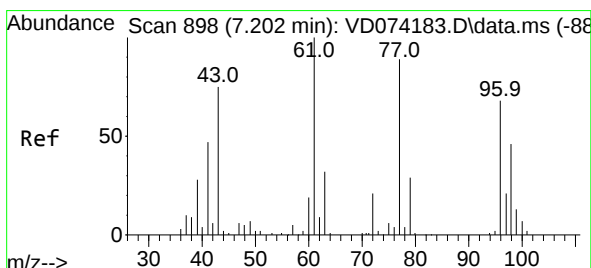
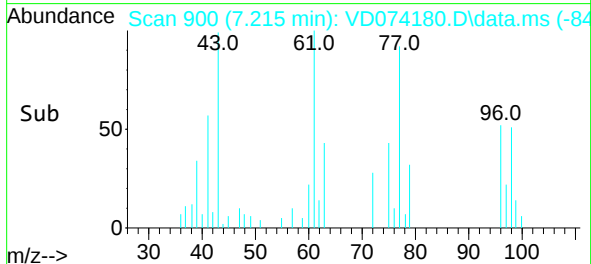
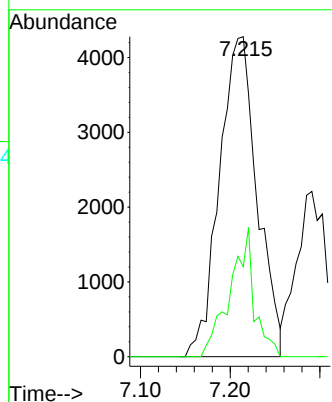
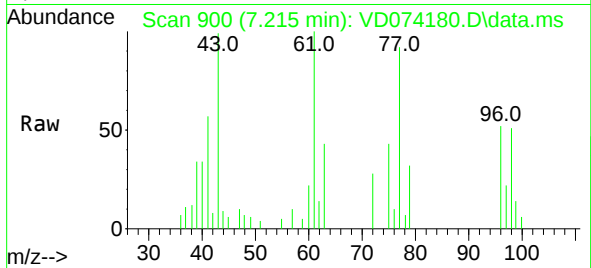




#25
2-Butanone
Concen: 29.350 ug/l
RT: 7.215 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

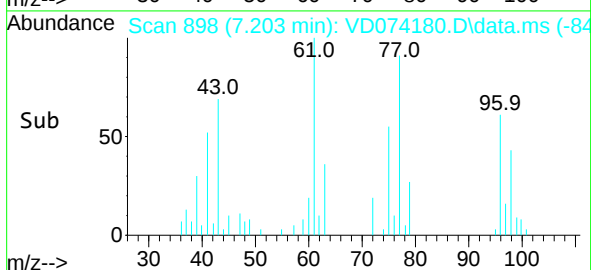
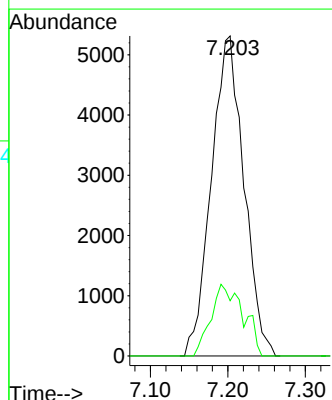
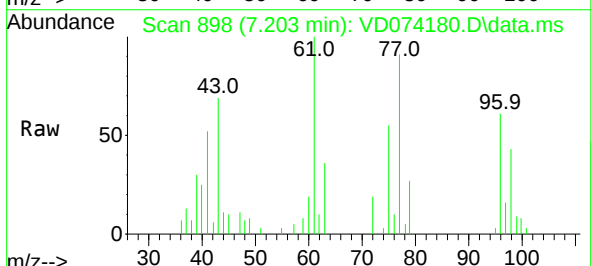
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

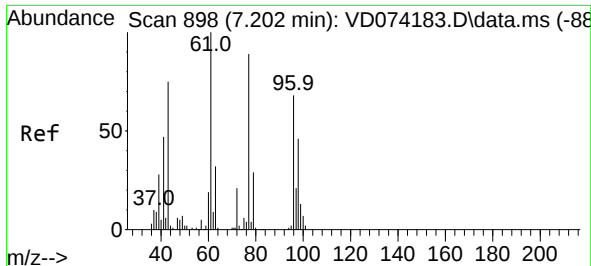
Tgt Ion: 43 Resp: 12501
Ion Ratio Lower Upper
43 100
72 28.1 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 5.266 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

Tgt Ion: 77 Resp: 15488
Ion Ratio Lower Upper
77 100
97 22.2 10.8 32.4

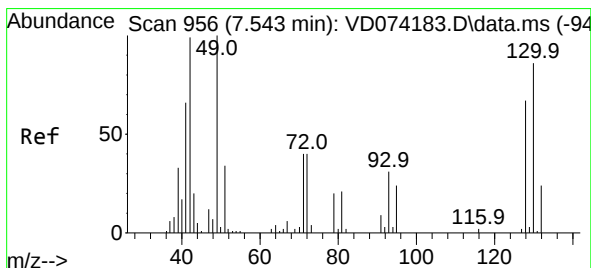
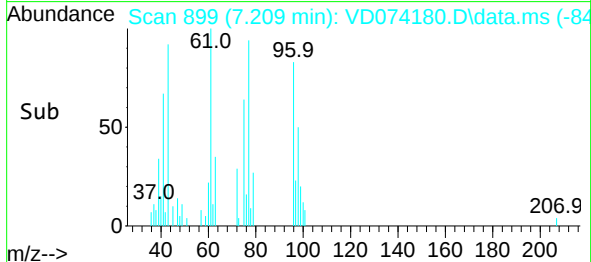
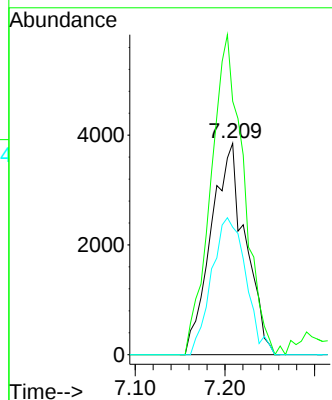
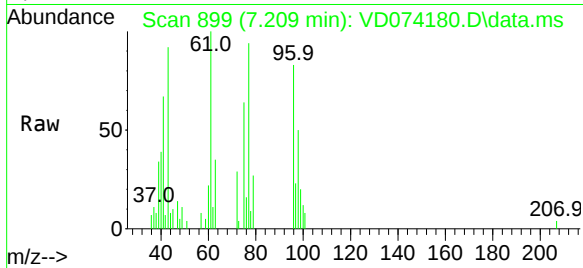




#27
 cis-1,2-Dichloroethene
 Concen: 5.226 ug/l
 RT: 7.209 min Scan# 898
 Delta R.T. 0.006 min
 Lab File: VD074180.D
 Acq: 23 Aug 2022 10:14

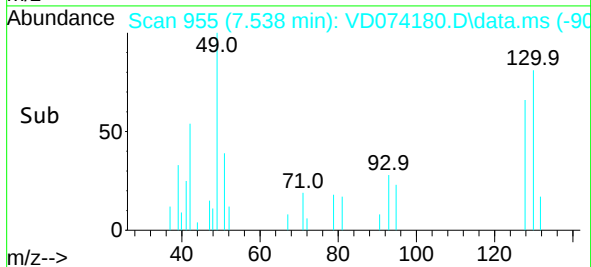
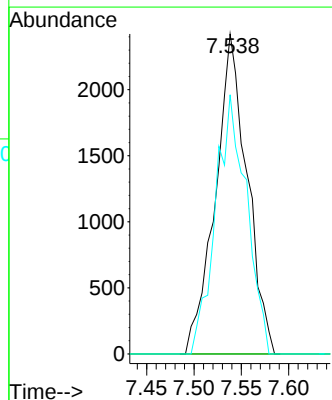
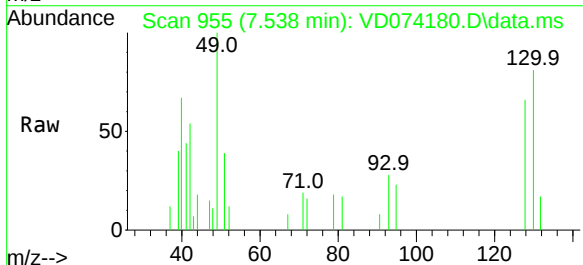
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

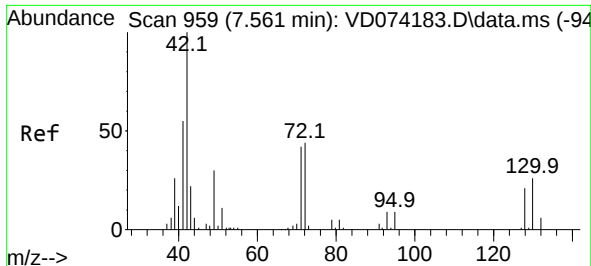
Tgt Ion: 96 Resp: 10234
 Ion Ratio Lower Upper
 96 100
 61 144.7 0.0 313.8
 98 64.8 0.0 128.8



#28
 Bromochloromethane
 Concen: 5.401 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.005 min
 Lab File: VD074180.D
 Acq: 23 Aug 2022 10:14

Tgt Ion: 49 Resp: 5627
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.0
 130 79.8 52.6 79.0#





#29

Tetrahydrofuran

Concen: 28.024 ug/l

RT: 7.562 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD074180.D

Acq: 23 Aug 2022 10:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

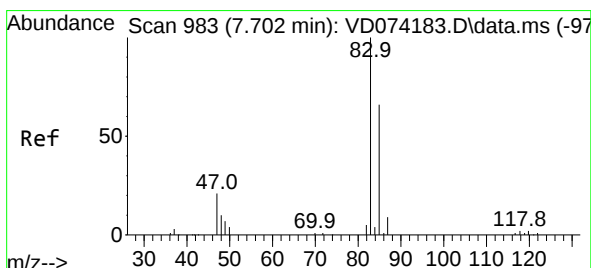
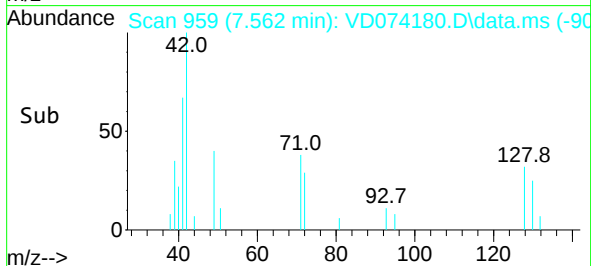
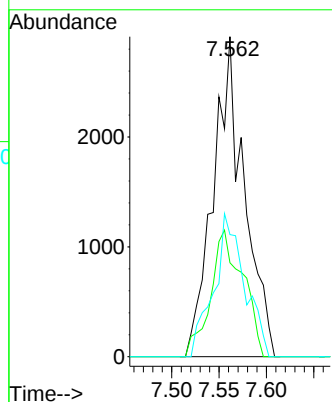
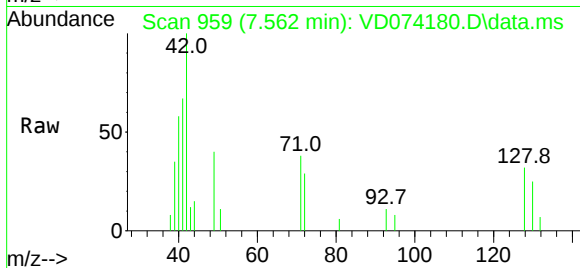
Tgt Ion: 42 Resp: 6656

Ion Ratio Lower Upper

42 100

72 41.0 30.7 46.1

71 44.2 28.6 43.0#



#30

Chloroform

Concen: 5.252 ug/l

RT: 7.703 min Scan# 983

Delta R.T. 0.000 min

Lab File: VD074180.D

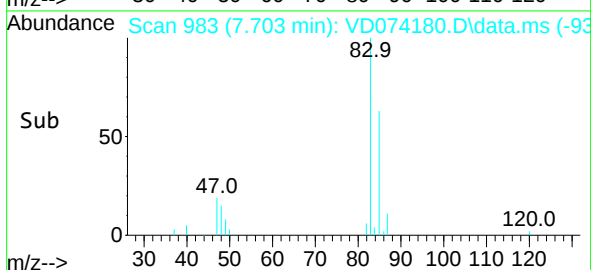
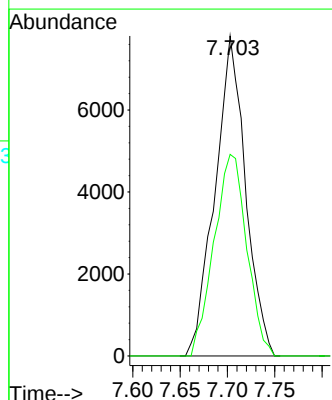
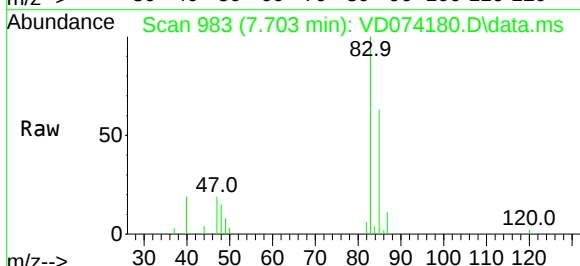
Acq: 23 Aug 2022 10:14

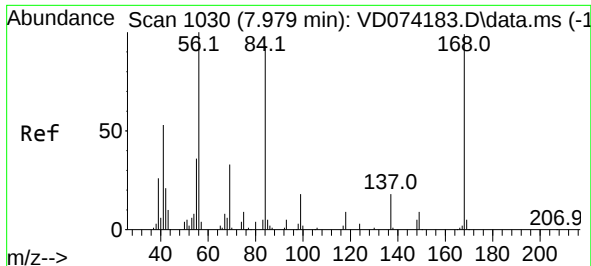
Tgt Ion: 83 Resp: 17533

Ion Ratio Lower Upper

83 100

85 63.0 52.7 79.1

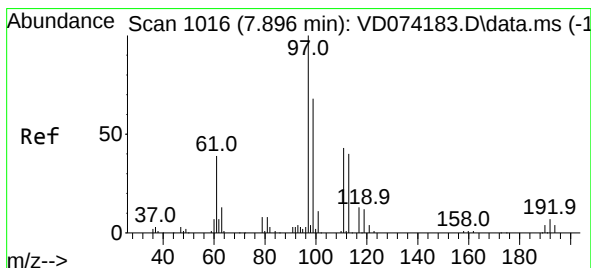
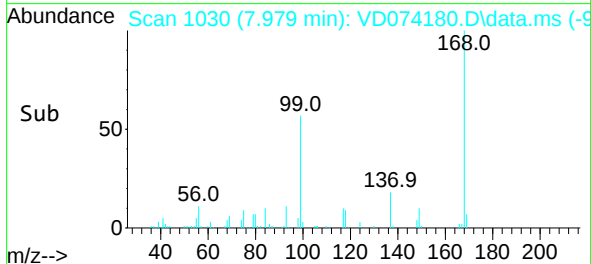
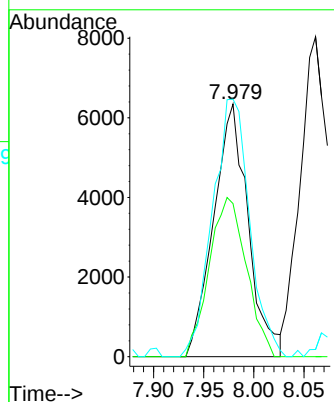
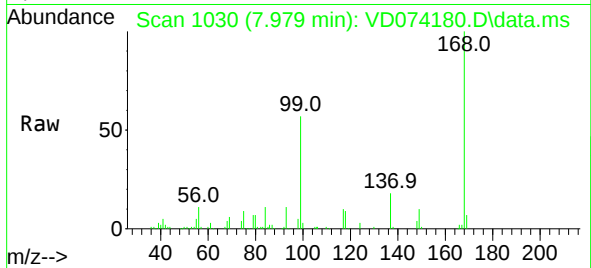




#31
Cyclohexane
Concen: 6.057 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

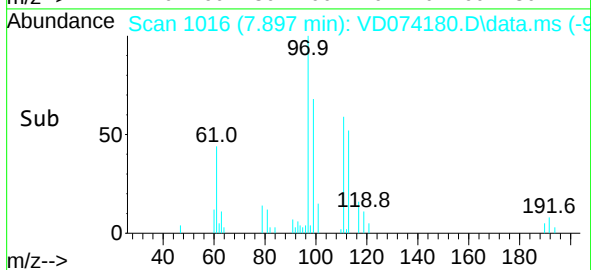
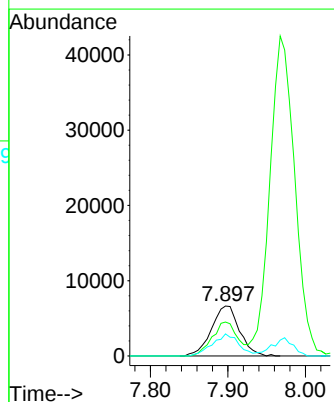
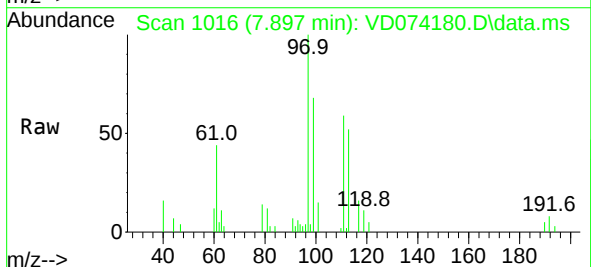
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

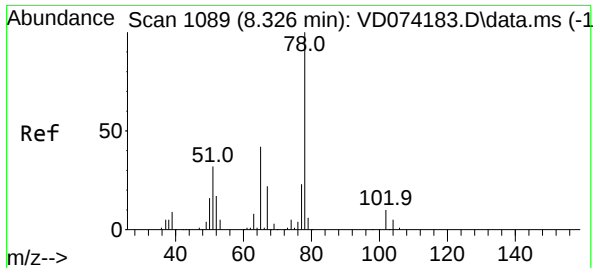
Tgt Ion: 56 Resp: 15196
Ion Ratio Lower Upper
56 100
69 60.6 25.4 38.2#
84 102.0 63.0 94.4#



#32
1,1,1-Trichloroethane
Concen: 5.331 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

Tgt Ion: 97 Resp: 16652
Ion Ratio Lower Upper
97 100
99 63.2 52.4 78.6
61 41.1 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 6.511 ug/l

RT: 8.320 min Scan# 1107

Delta R.T. -0.005 min

Lab File: VD074180.D

Acq: 23 Aug 2022 10:14

Instrument :

MSVOA_D

ClientSampleId :

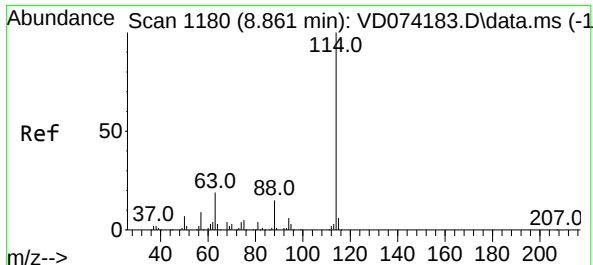
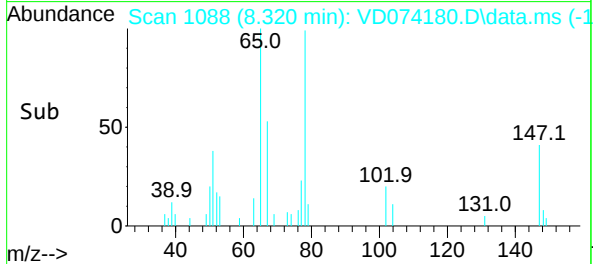
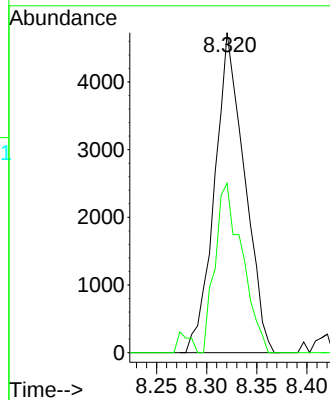
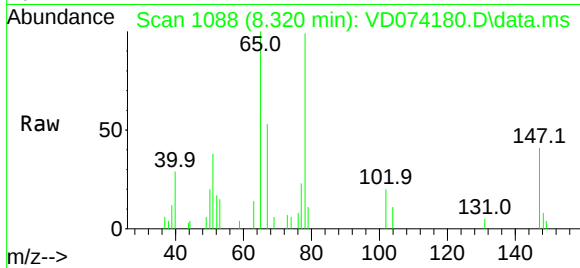
VSTDIC005

Tgt Ion: 65 Resp: 9820

Ion Ratio Lower Upper

65 100

67 48.0 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.005 min

Lab File: VD074180.D

Acq: 23 Aug 2022 10:14

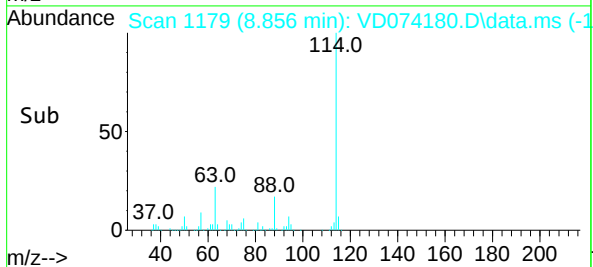
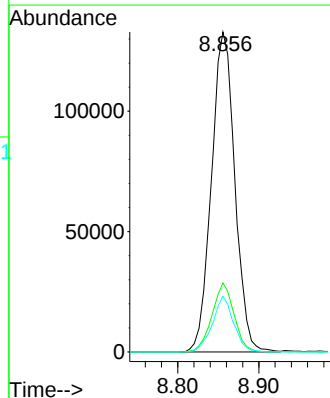
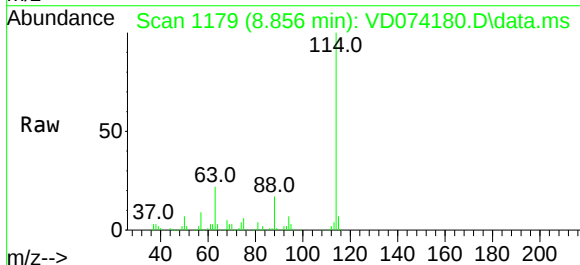
Tgt Ion: 114 Resp: 266033

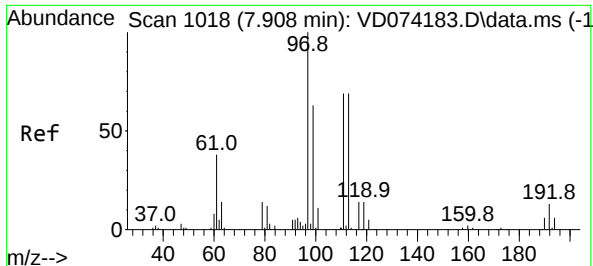
Ion Ratio Lower Upper

114 100

63 21.6 0.0 46.6

88 17.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 5.803 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD074180.D

Acq: 23 Aug 2022 10:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

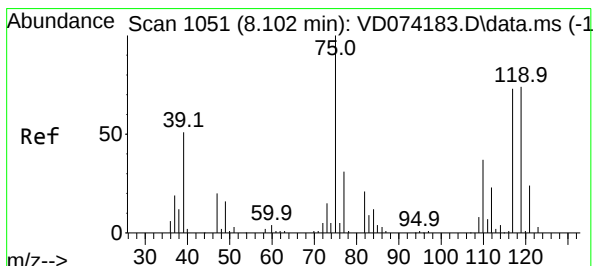
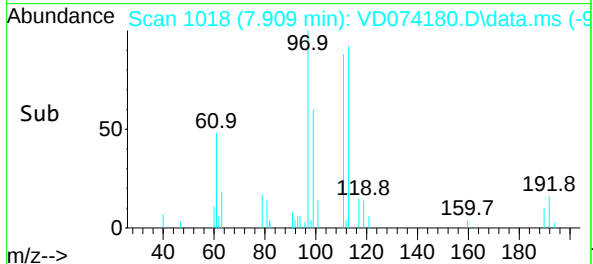
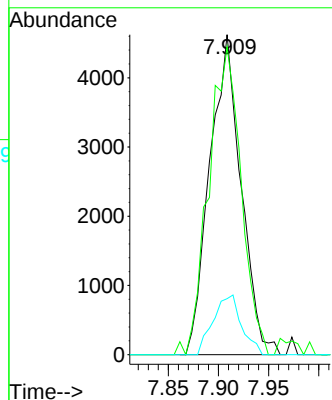
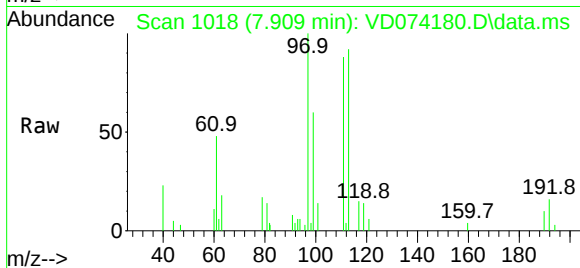
Tgt Ion:113 Resp: 10032

Ion Ratio Lower Upper

113 100

111 100.0 83.8 125.6

192 16.9 14.6 21.8



#36

1,1-Dichloropropene

Concen: 5.211 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. 0.000 min

Lab File: VD074180.D

Acq: 23 Aug 2022 10:14

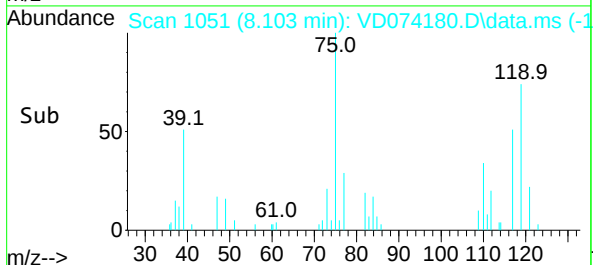
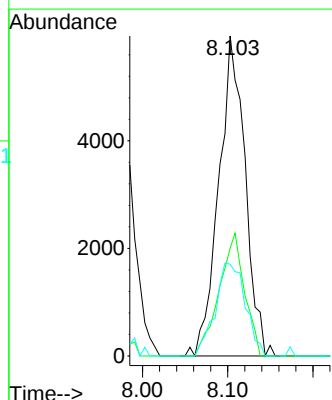
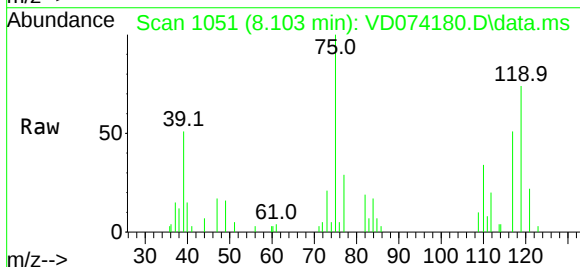
Tgt Ion: 75 Resp: 12761

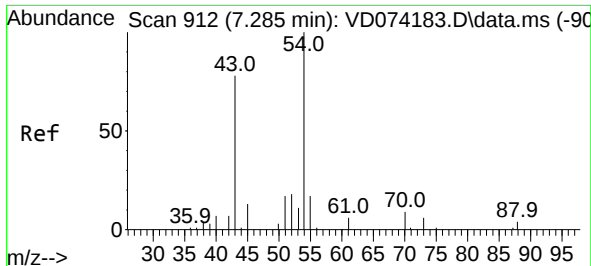
Ion Ratio Lower Upper

75 100

110 37.0 16.4 49.1

77 33.2 24.2 36.2





#37

Ethyl Acetate

Concen: 5.740 ug/l

RT: 7.291 min Scan# 912

Delta R.T. 0.006 min

Lab File: VD074180.D

Acq: 23 Aug 2022 10:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

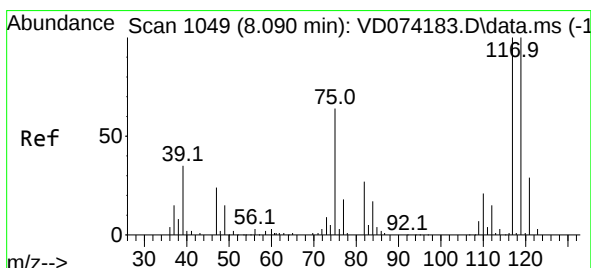
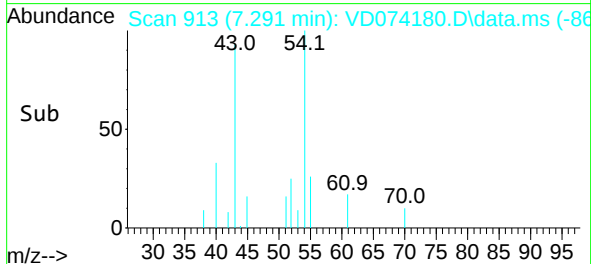
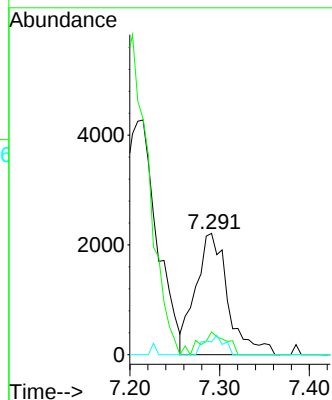
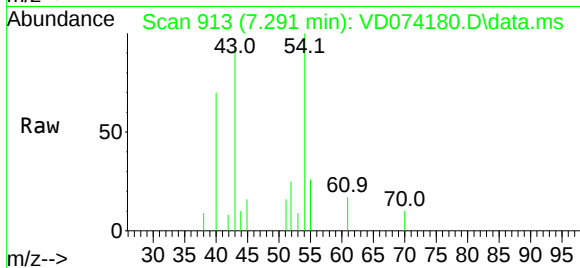
Tgt Ion: 43 Resp: 5509

Ion Ratio Lower Upper

43 100

61 14.2 9.8 14.8

70 9.5 6.9 10.3



#38

Carbon Tetrachloride

Concen: 4.867 ug/l

RT: 8.097 min Scan# 1050

Delta R.T. 0.006 min

Lab File: VD074180.D

Acq: 23 Aug 2022 10:14

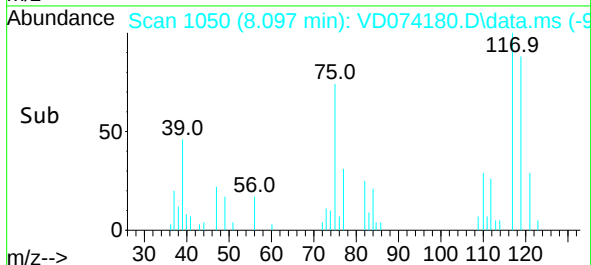
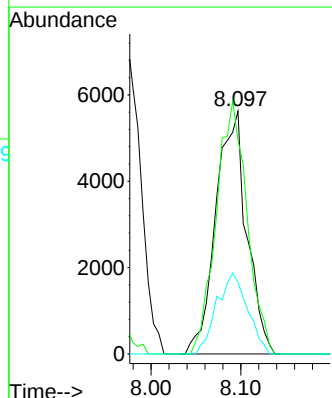
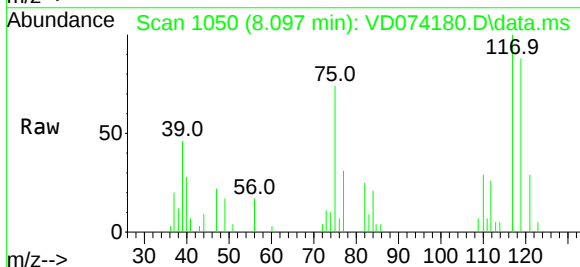
Tgt Ion: 117 Resp: 13472

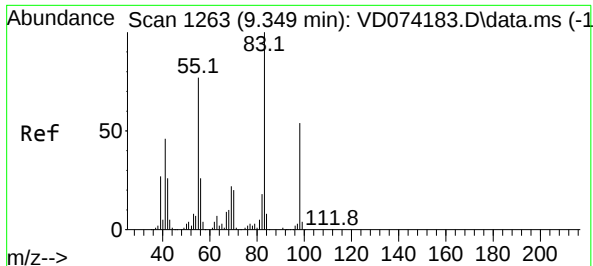
Ion Ratio Lower Upper

117 100

119 88.1 75.8 113.6

121 29.4 24.5 36.7





#39

Methylcyclohexane

Concen: 4.775 ug/l

RT: 9.344 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD074180.D

Acq: 23 Aug 2022 10:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

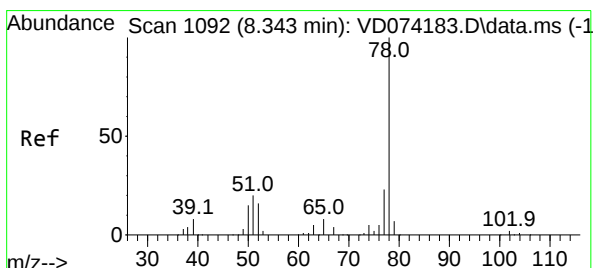
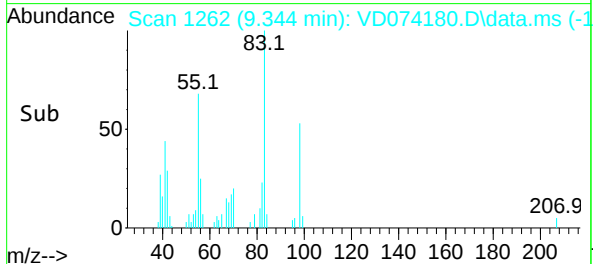
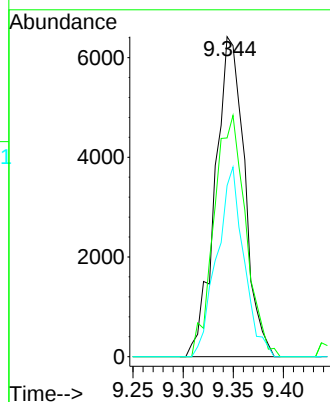
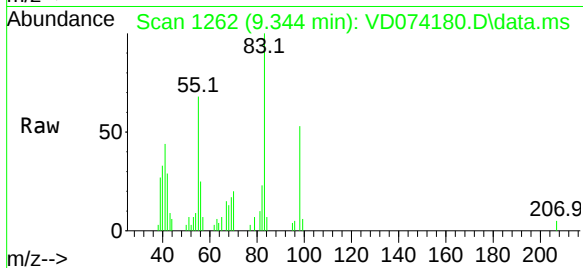
Tgt Ion: 83 Resp: 13069

Ion Ratio Lower Upper

83 100

55 68.3 63.2 94.8

98 53.5 38.2 57.4



#40

Benzene

Concen: 5.341 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD074180.D

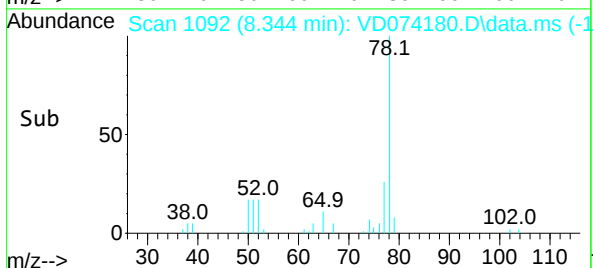
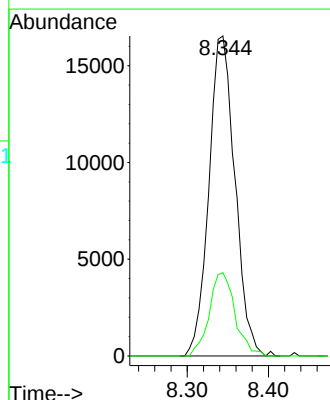
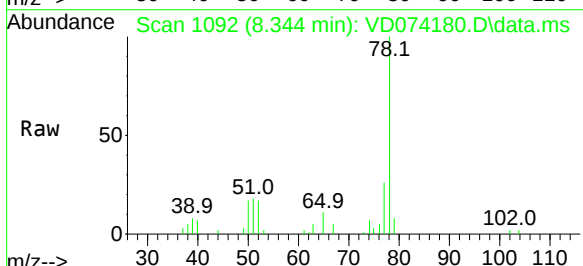
Acq: 23 Aug 2022 10:14

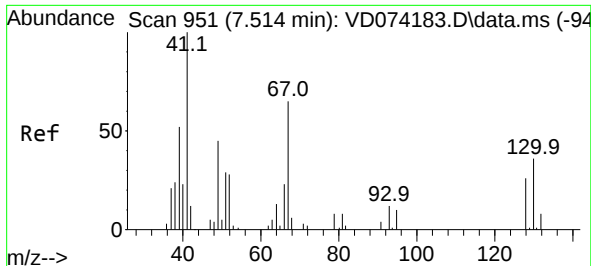
Tgt Ion: 78 Resp: 36834

Ion Ratio Lower Upper

78 100

77 26.1 19.1 28.7

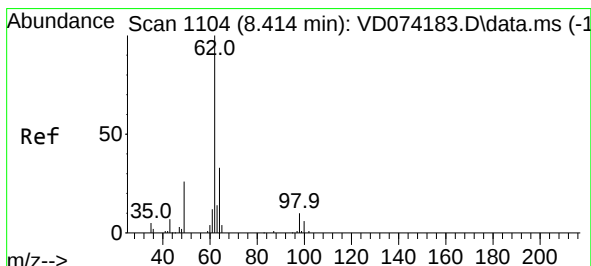
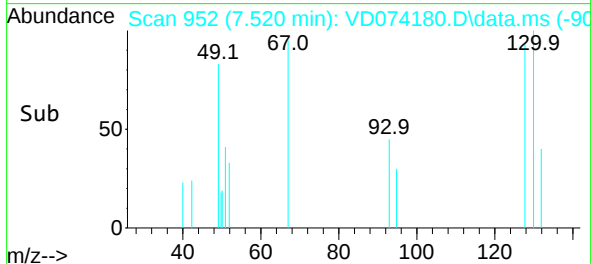
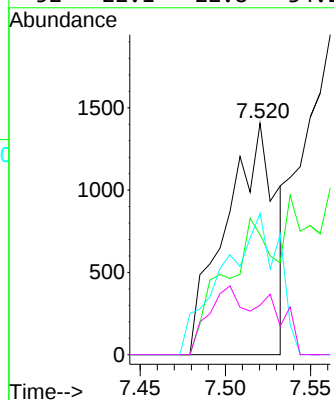
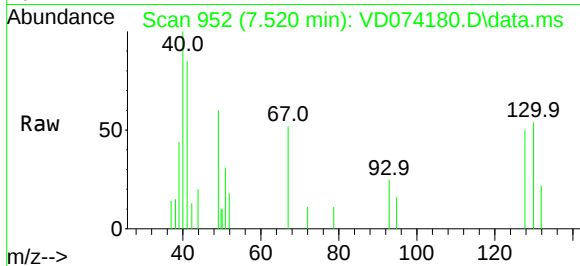




#41
Methacrylonitrile
Concen: 5.660 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

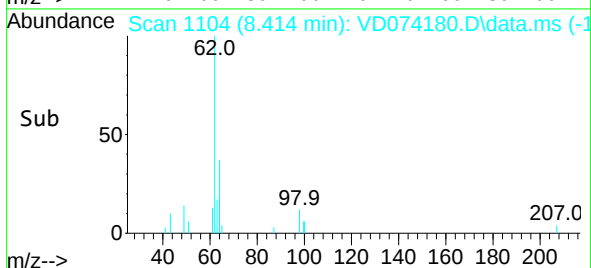
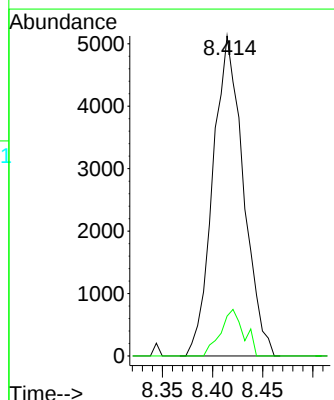
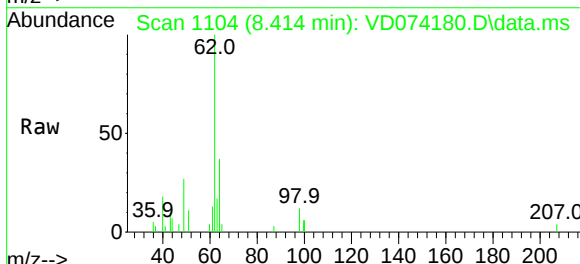
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

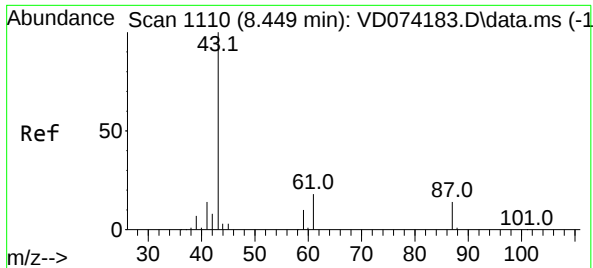
Tgt Ion:	41	Resp:	2862
Ion	Ratio	Lower	Upper
41	100		
39	59.2	44.6	67.0
67	68.5	48.2	72.4
52	22.1	22.8	34.2



#42
1,2-Dichloroethane
Concen: 5.294 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

Tgt Ion:	62	Resp:	10840
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	17.6

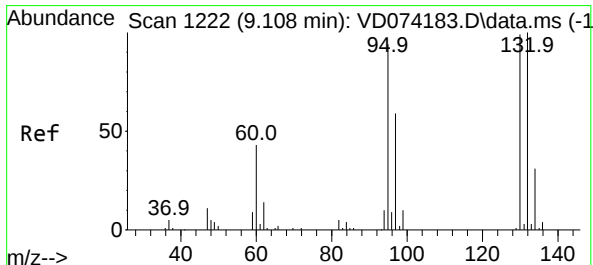
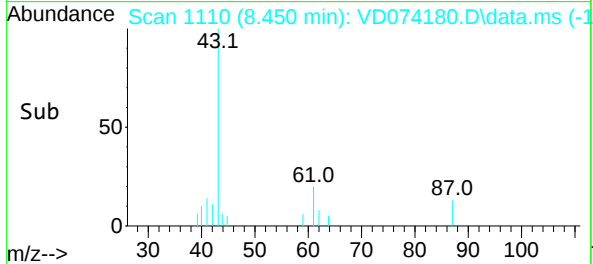
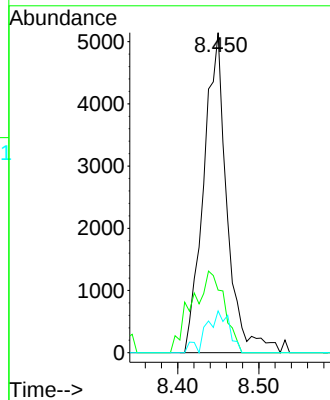
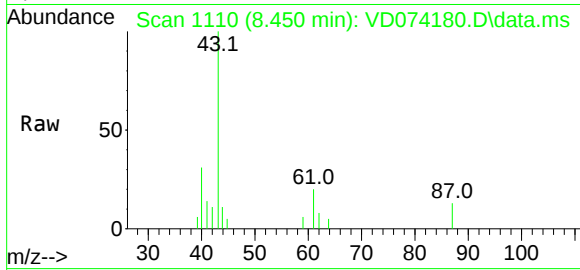




#43
Isopropyl Acetate
Concen: 5.775 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

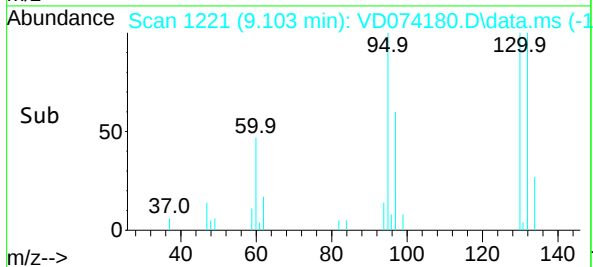
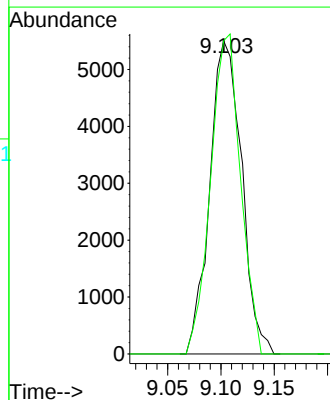
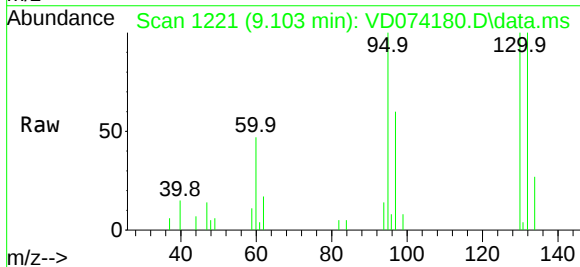
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

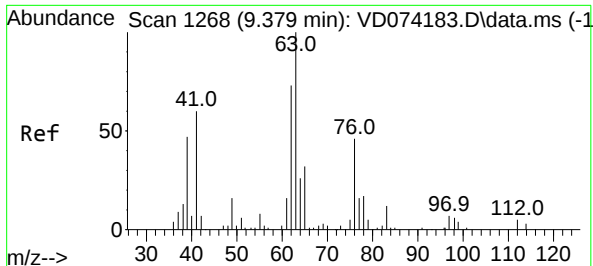
Tgt Ion: 43 Resp: 10268
Ion Ratio Lower Upper
43 100
61 35.3 22.4 33.6#
87 13.1 8.7 13.1



#44
Trichloroethene
Concen: 5.708 ug/l
RT: 9.103 min Scan# 1221
Delta R.T. -0.005 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

Tgt Ion:130 Resp: 11453
Ion Ratio Lower Upper
130 100
95 100.1 0.0 205.4





#45

1,2-Dichloropropane

Concen: 5.903 ug/l

RT: 9.373 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD074180.D

Acq: 23 Aug 2022 10:14

Instrument :

MSVOA_D

ClientSampleId :

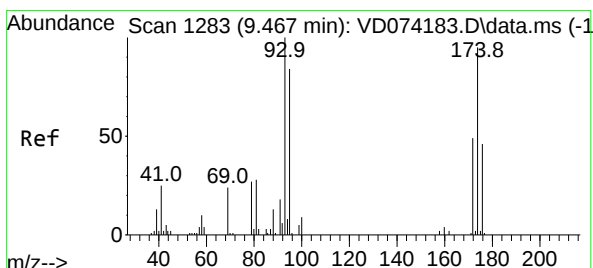
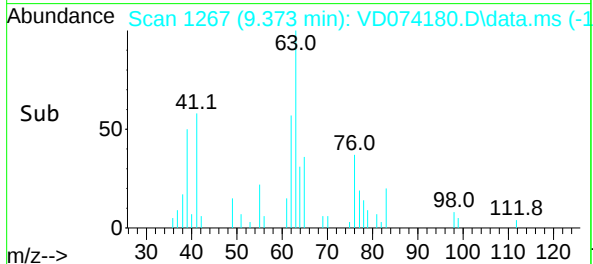
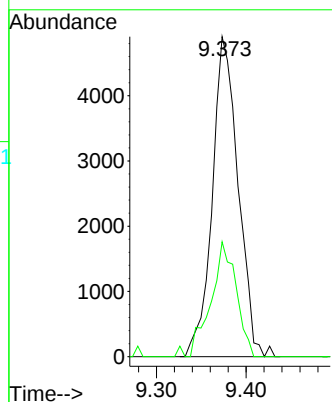
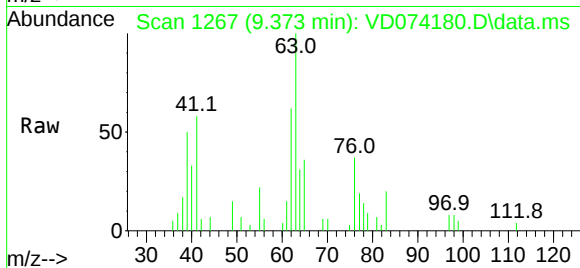
VSTDIC005

Tgt Ion: 63 Resp: 9831

Ion Ratio Lower Upper

63 100

65 35.9 26.2 39.4



#46

Dibromomethane

Concen: 5.043 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. -0.005 min

Lab File: VD074180.D

Acq: 23 Aug 2022 10:14

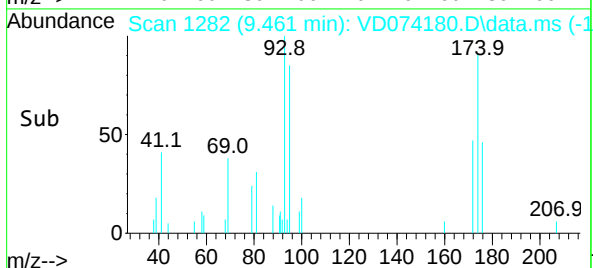
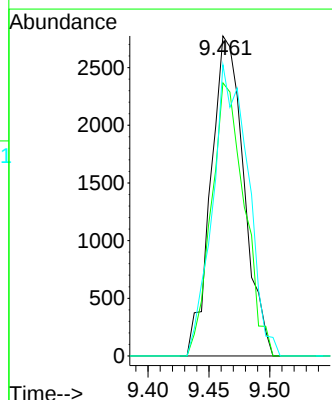
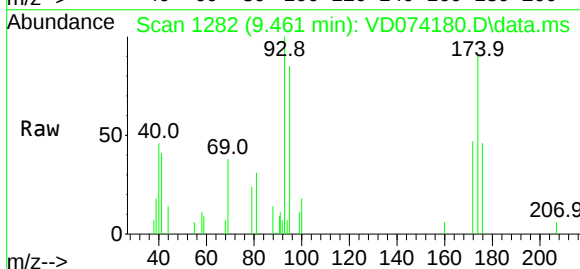
Tgt Ion: 93 Resp: 5210

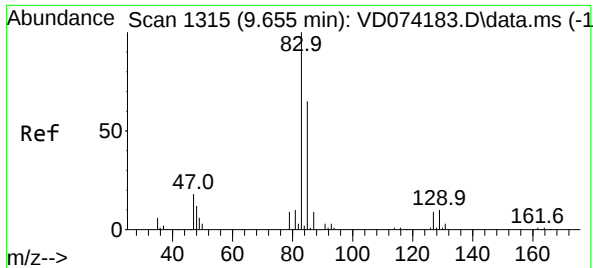
Ion Ratio Lower Upper

93 100

95 86.0 66.7 100.1

174 98.1 71.6 107.4

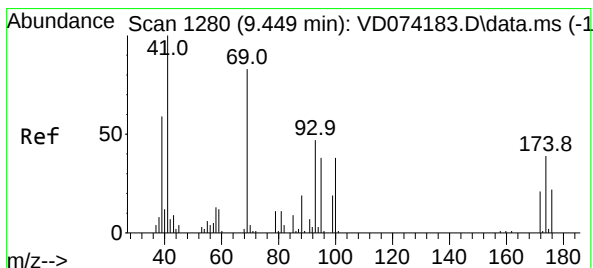
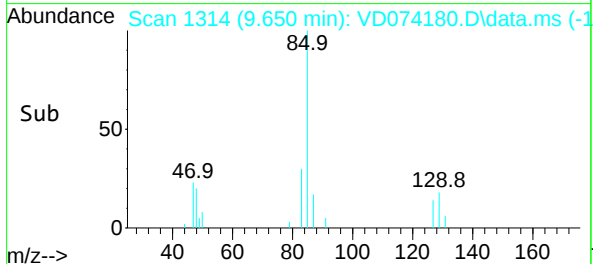
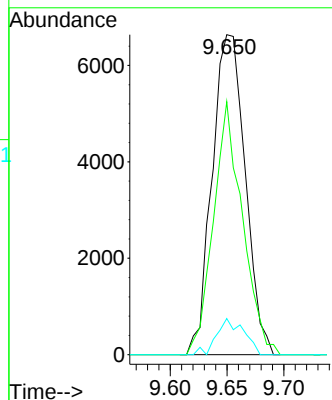
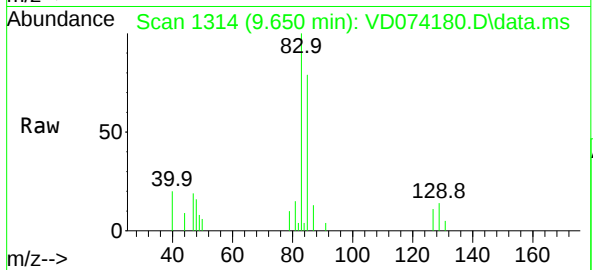




#47
Bromodichloromethane
Concen: 5.073 ug/l
RT: 9.650 min Scan# 1315
Delta R.T. -0.005 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

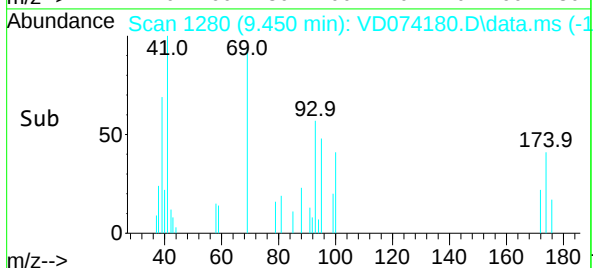
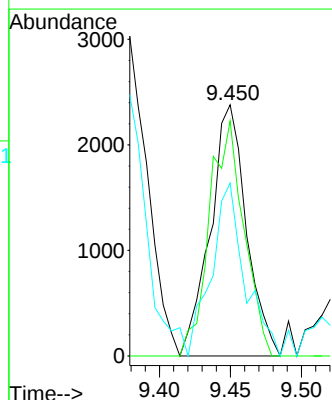
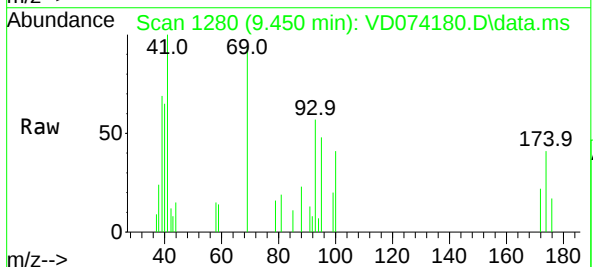
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

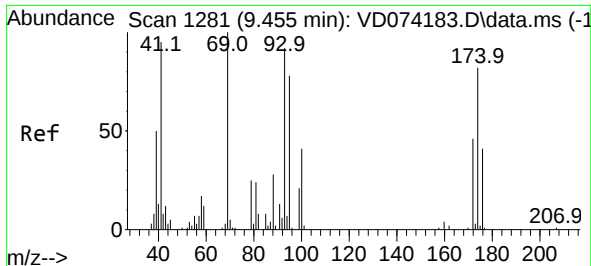
Tgt Ion: 83 Resp: 13463
Ion Ratio Lower Upper
83 100
85 79.1 51.4 77.0#
127 11.3 6.1 9.1#



#48
Methyl methacrylate
Concen: 5.080 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

Tgt Ion: 41 Resp: 4200
Ion Ratio Lower Upper
41 100
69 90.0 56.7 85.1#
39 64.0 42.7 64.1





#49

1,4-Dioxane

Concen: 103.451 ug/l

RT: 9.444 min Scan# 1279

Delta R.T. -0.011 min

Lab File: VD074180.D

Acq: 23 Aug 2022 10:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

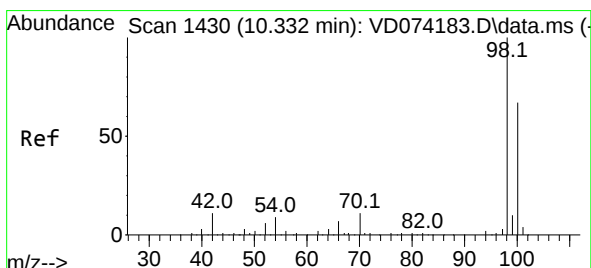
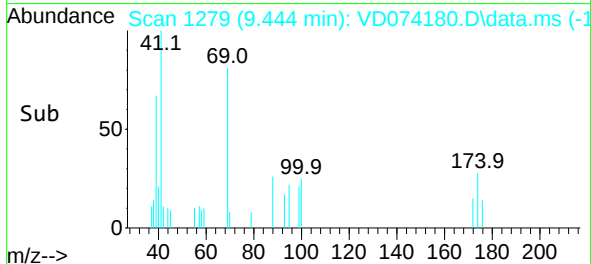
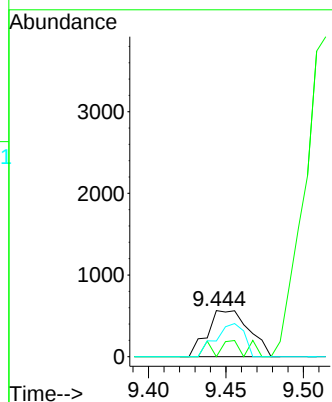
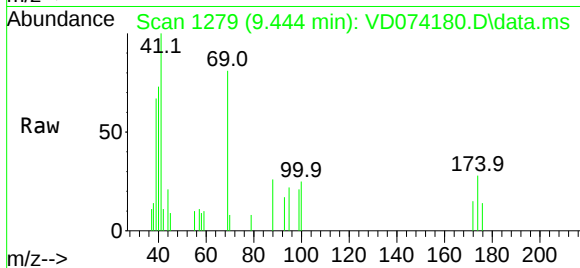
Tgt Ion: 88 Resp: 1058

Ion Ratio Lower Upper

88 100

43 0.0 31.0 46.4#

58 49.1 58.1 87.1#



#50

Toluene-d8

Concen: 5.739 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD074180.D

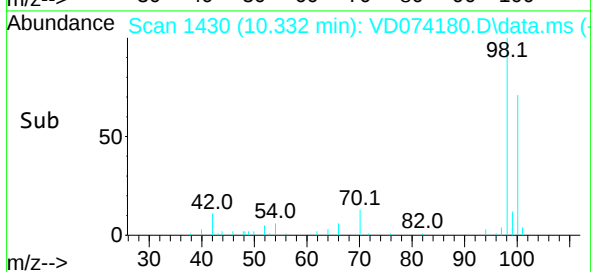
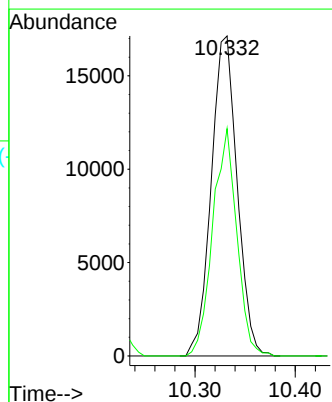
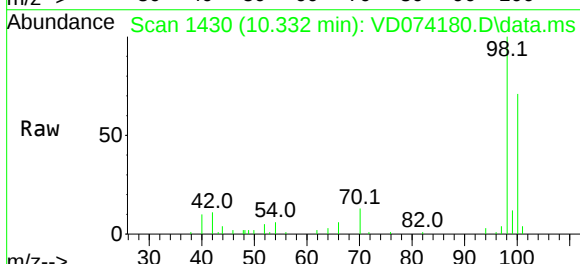
Acq: 23 Aug 2022 10:14

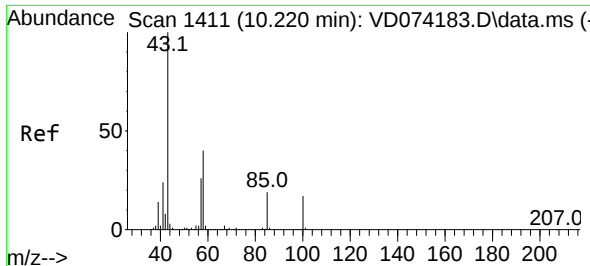
Tgt Ion: 98 Resp: 30806

Ion Ratio Lower Upper

98 100

100 65.9 52.4 78.6

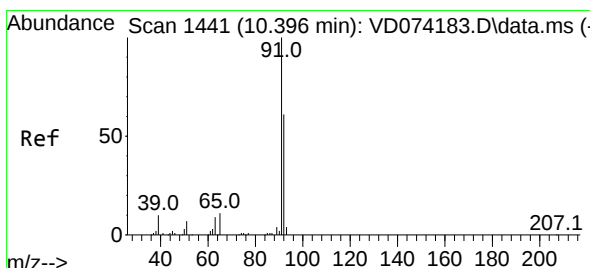
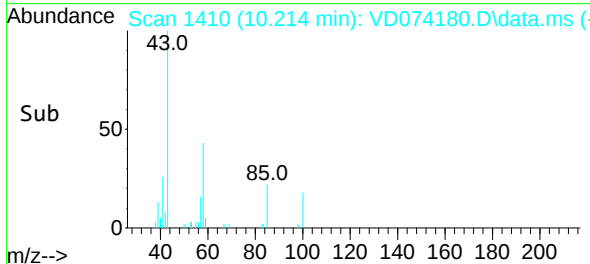
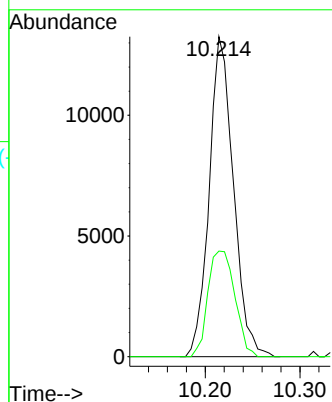
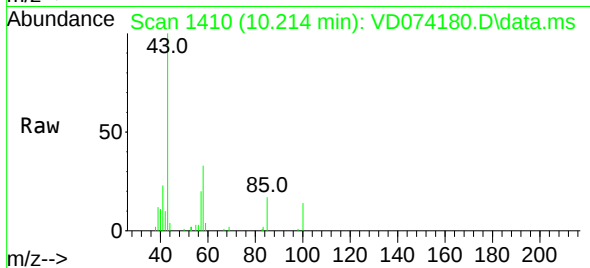




#51
4-Methyl-2-Pentanone
Concen: 25.900 ug/l
RT: 10.214 min Scan# 1410
Delta R.T. -0.005 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

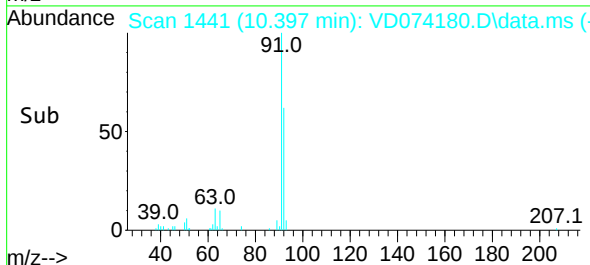
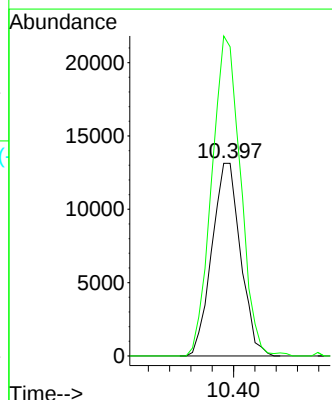
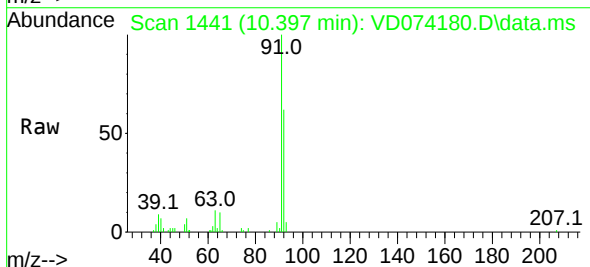
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

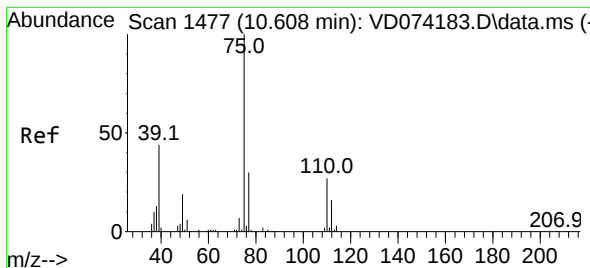
Tgt Ion: 43 Resp: 23614
Ion Ratio Lower Upper
43 100
58 36.7 28.6 43.0



#52
Toluene
Concen: 5.450 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

Tgt Ion: 92 Resp: 24499
Ion Ratio Lower Upper
92 100
91 166.7 139.6 209.4

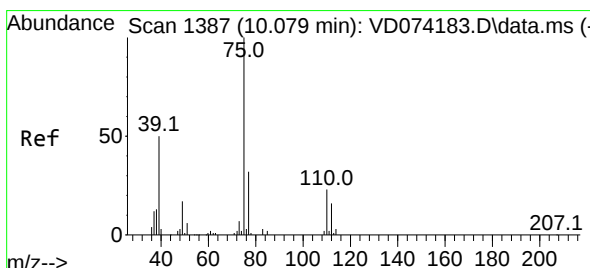
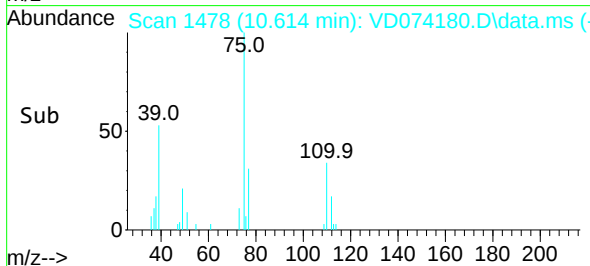
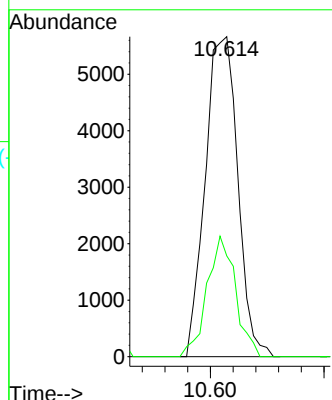
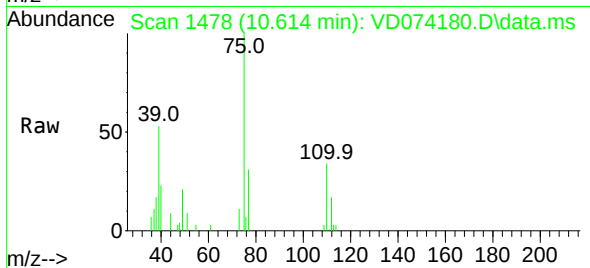




#53
 t-1,3-Dichloropropene
 Concen: 4.919 ug/l
 RT: 10.614 min Scan# 1477
 Delta R.T. 0.006 min
 Lab File: VD074180.D
 Acq: 23 Aug 2022 10:14

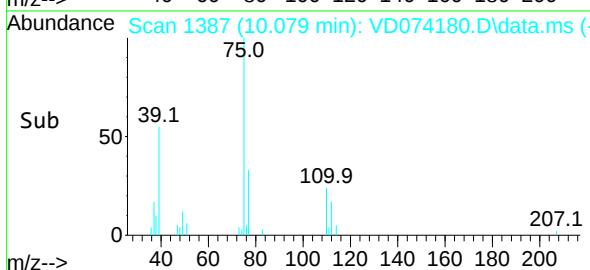
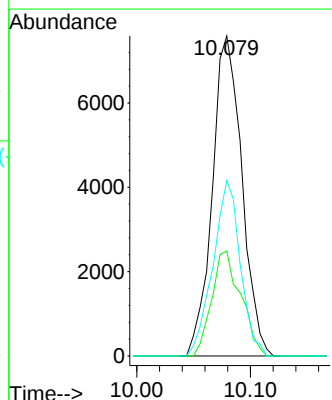
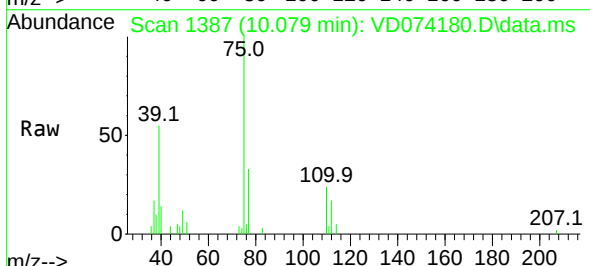
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

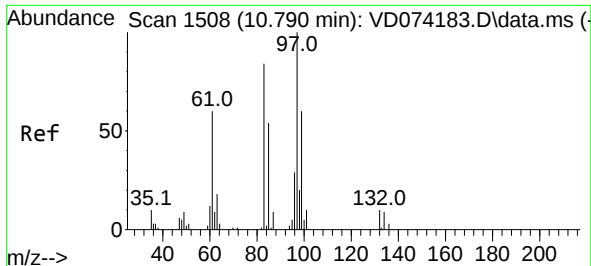
Tgt Ion: 75 Resp: 11254
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 5.136 ug/l
 RT: 10.079 min Scan# 1387
 Delta R.T. 0.000 min
 Lab File: VD074180.D
 Acq: 23 Aug 2022 10:14

Tgt Ion: 75 Resp: 13709
 Ion Ratio Lower Upper
 75 100
 77 32.8 24.8 37.2
 39 54.8 46.8 70.2

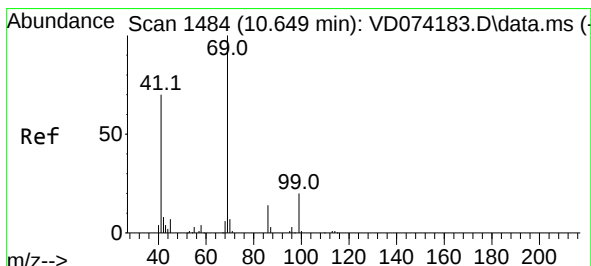
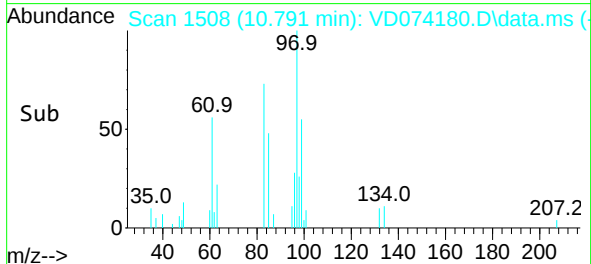
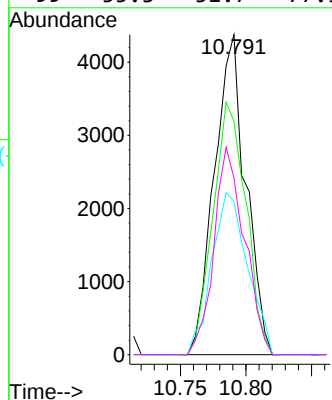
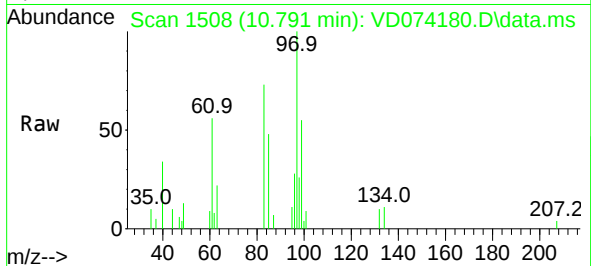




#55
1,1,2-Trichloroethane
Concen: 5.322 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

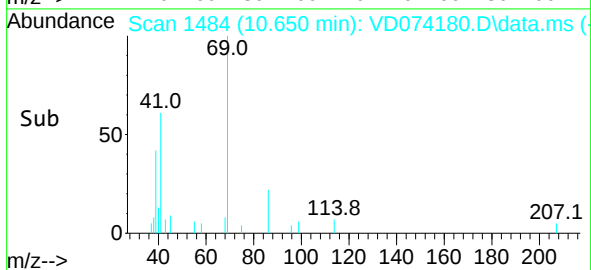
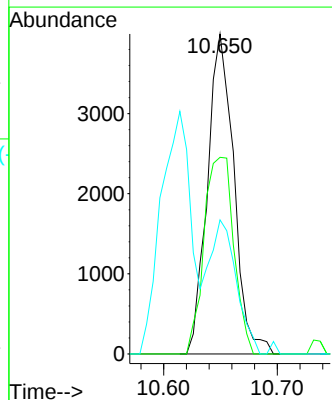
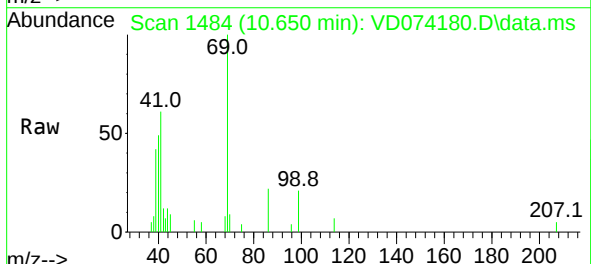
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

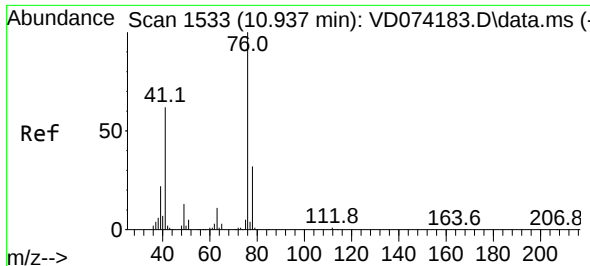
Tgt Ion: 97	Resp: 7285
Ion Ratio	Lower Upper
97 100	
83 72.9	69.0 103.4
85 47.9	42.6 63.8
99 55.3	51.7 77.5



#56
Ethyl methacrylate
Concen: 4.496 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

Tgt Ion: 69	Resp: 6469		
Ion Ratio	Lower	Upper	
69 100			
41 69.0	63.0	94.6	
39 43.4	33.8	50.8	





#57

1,3-Dichloropropane

Concen: 5.207 ug/l

RT: 10.932 min Scan# 11539

Delta R.T. -0.005 min

Lab File: VD074180.D

Acq: 23 Aug 2022 10:14

Instrument :

MSVOA_D

ClientSampleId :

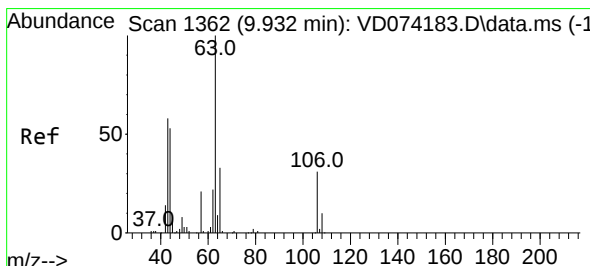
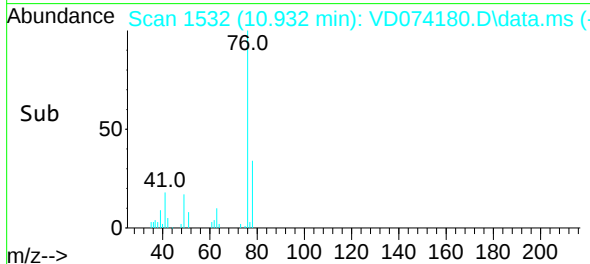
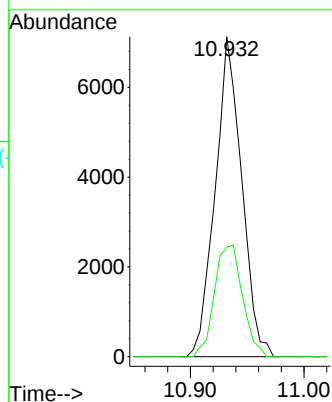
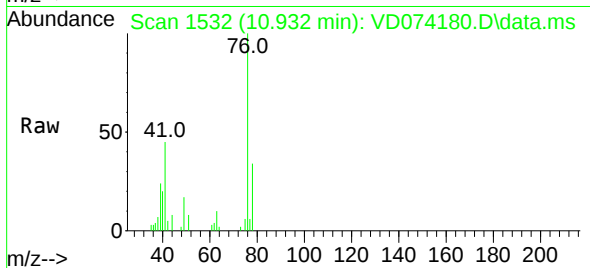
VSTDIC005

Tgt Ion: 76 Resp: 11539

Ion Ratio Lower Upper

76 100

78 37.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 25.571 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD074180.D

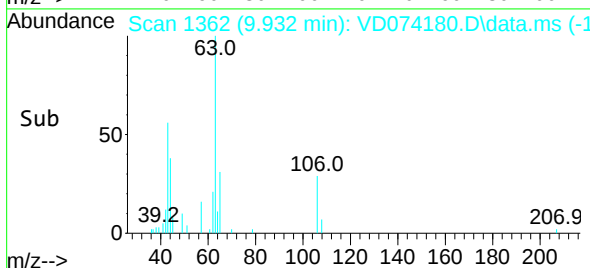
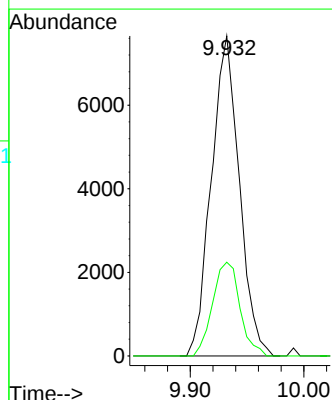
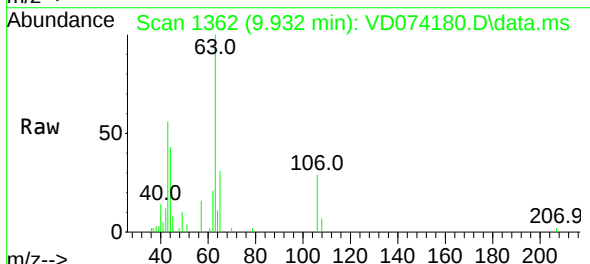
Acq: 23 Aug 2022 10:14

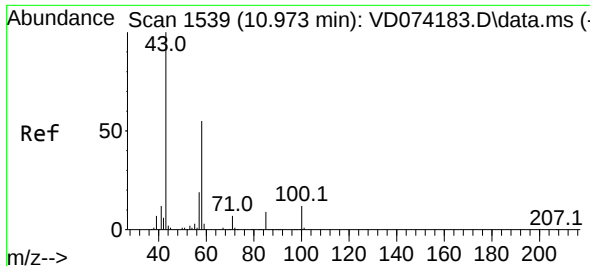
Tgt Ion: 63 Resp: 13087

Ion Ratio Lower Upper

63 100

106 28.6 21.4 32.0

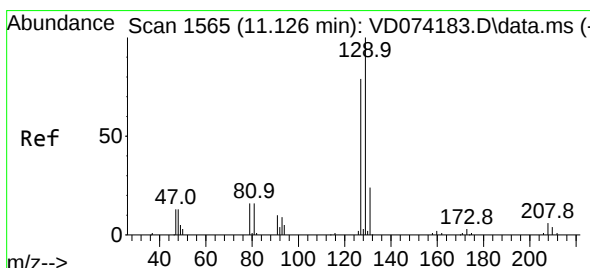
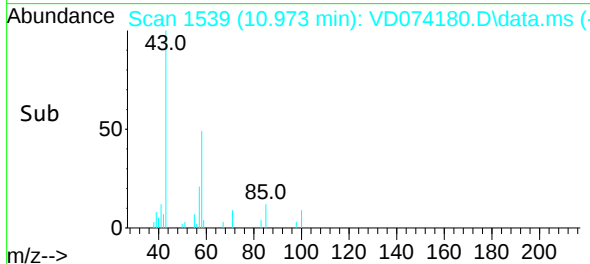
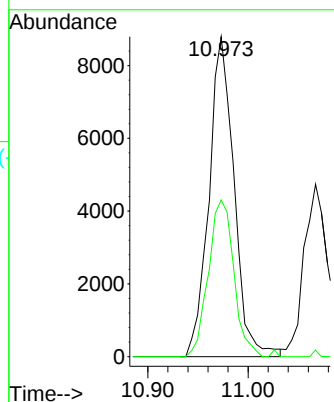
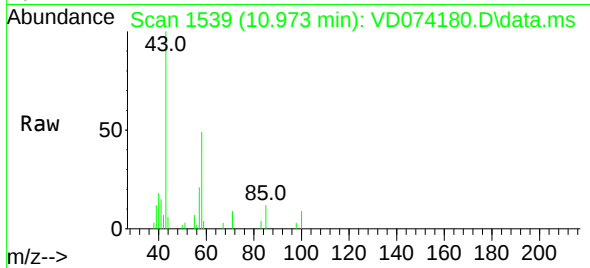




#59
2-Hexanone
Concen: 24.568 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

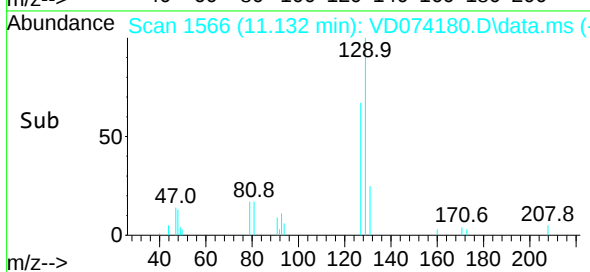
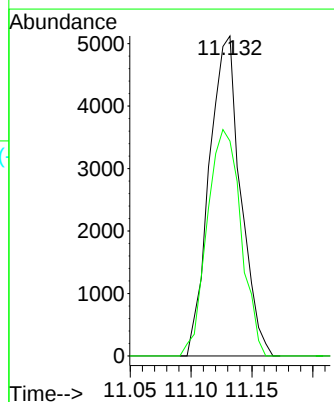
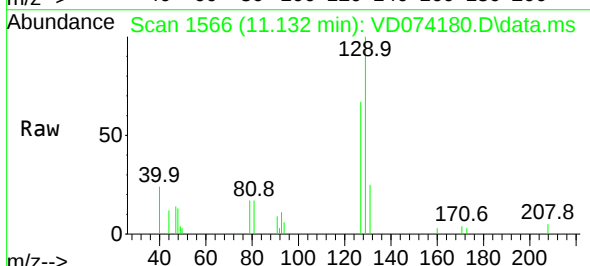
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

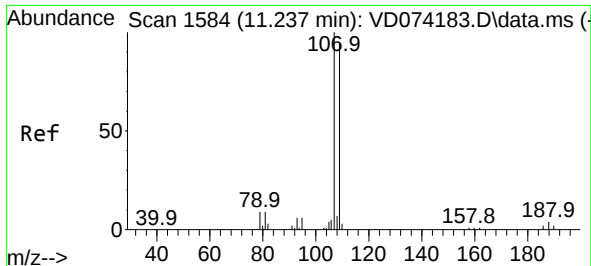
Tgt Ion: 43 Resp: 15299
Ion Ratio Lower Upper
43 100
58 49.5 25.3 75.9



#60
Dibromochloromethane
Concen: 4.961 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

Tgt Ion: 129 Resp: 9174
Ion Ratio Lower Upper
129 100
127 76.4 39.2 117.6

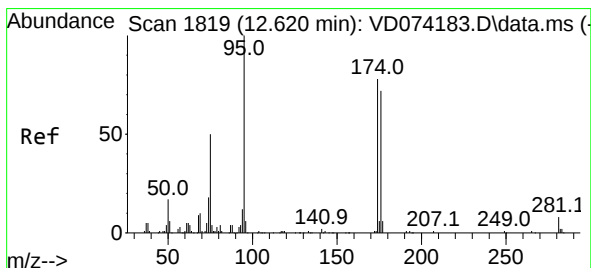
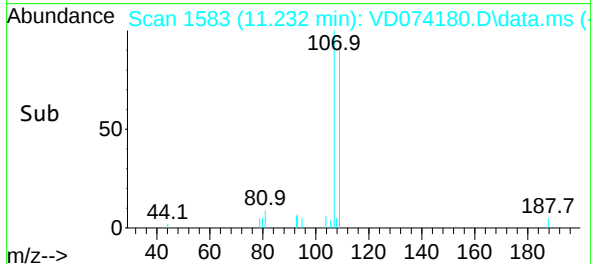
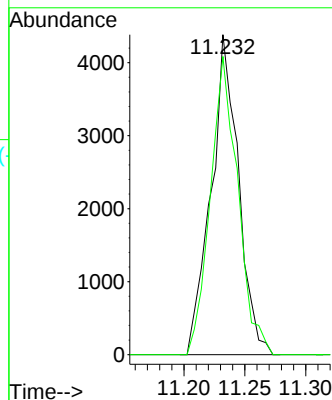
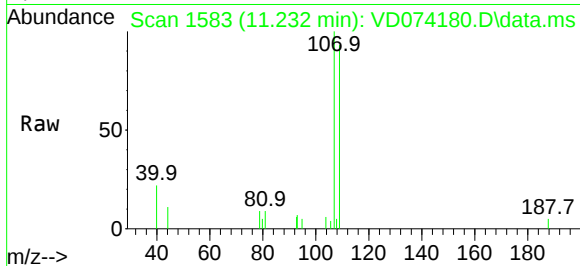




#61
1,2-Dibromoethane
Concen: 5.120 ug/l
RT: 11.232 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

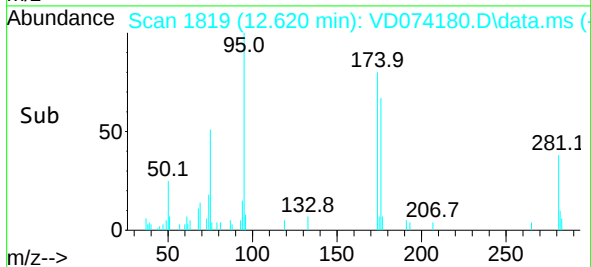
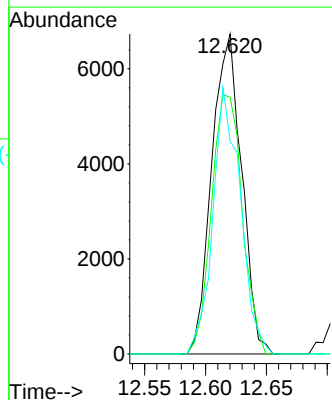
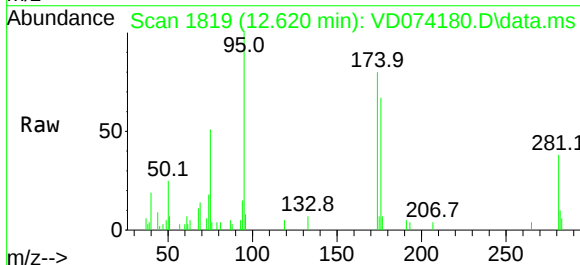
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

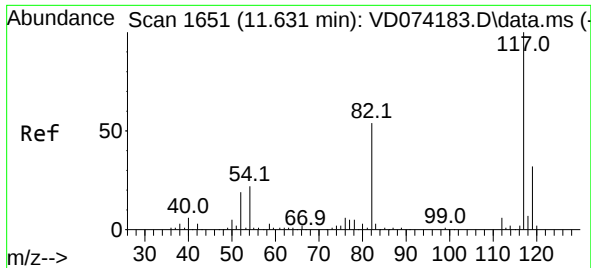
Tgt Ion:107 Resp: 6869
Ion Ratio Lower Upper
107 100
109 93.6 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 5.298 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

Tgt Ion: 95 Resp: 11487
Ion Ratio Lower Upper
95 100
174 83.5 0.0 152.8
176 76.6 0.0 145.4

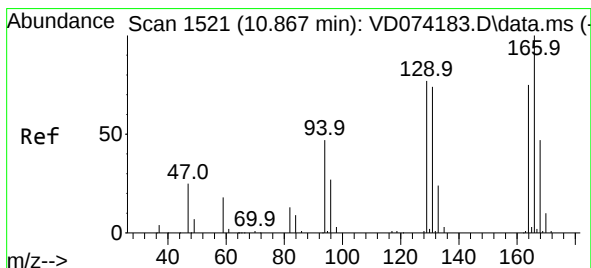
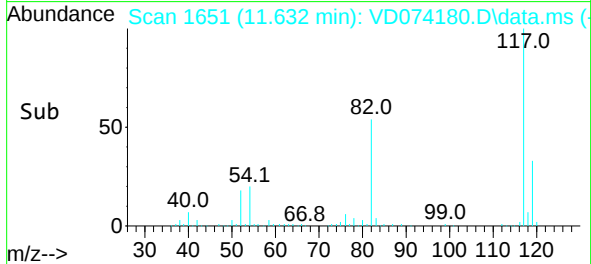
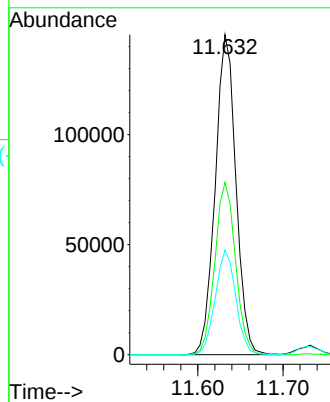
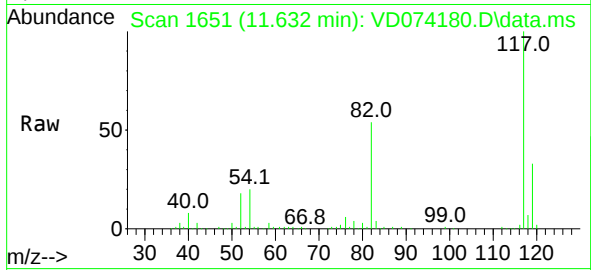




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

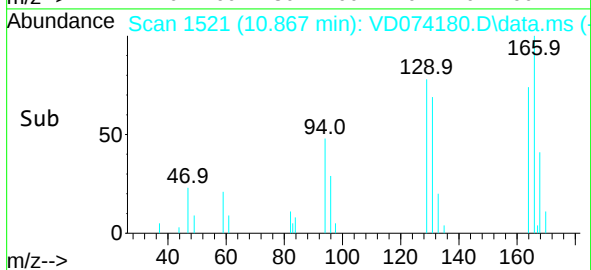
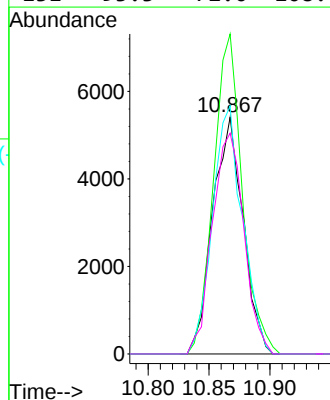
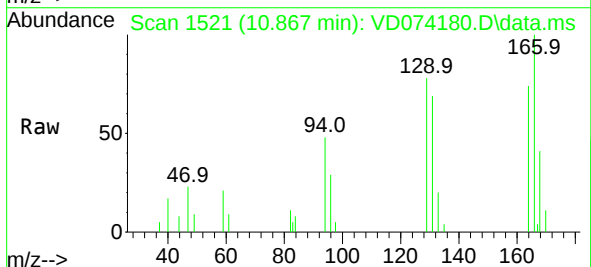
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

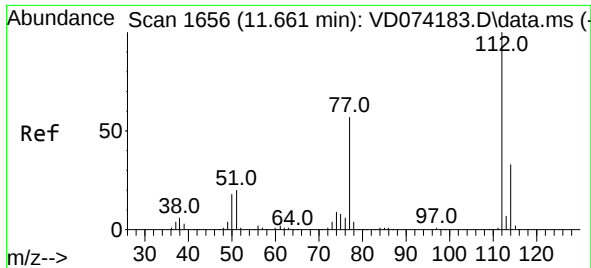
Tgt Ion:117 Resp: 245582
Ion Ratio Lower Upper
117 100
82 53.9 45.3 67.9
119 32.7 26.6 40.0



#64
Tetrachloroethene
Concen: 5.844 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

Tgt Ion:164 Resp: 9434
Ion Ratio Lower Upper
164 100
166 135.2 98.5 147.7
129 104.8 74.6 111.8
131 93.3 72.0 108.0

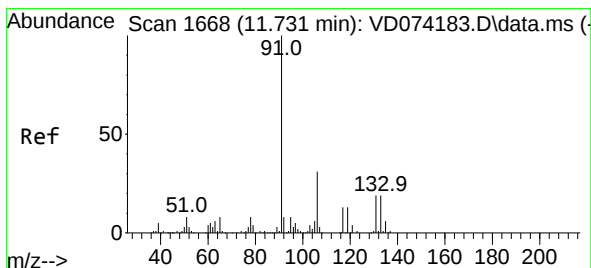
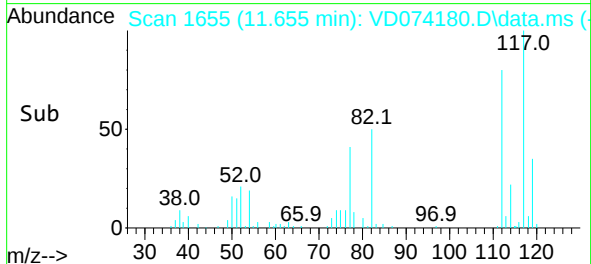
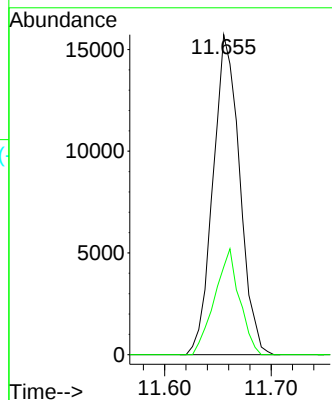
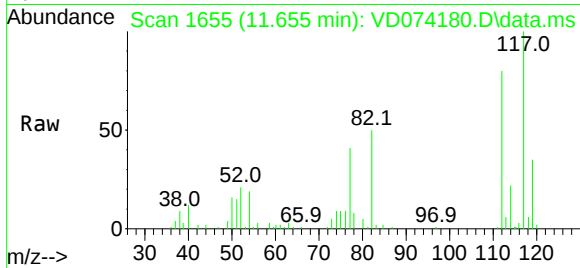




#65
Chlorobenzene
Concen: 5.500 ug/l
RT: 11.655 min Scan# 1165
Delta R.T. -0.005 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

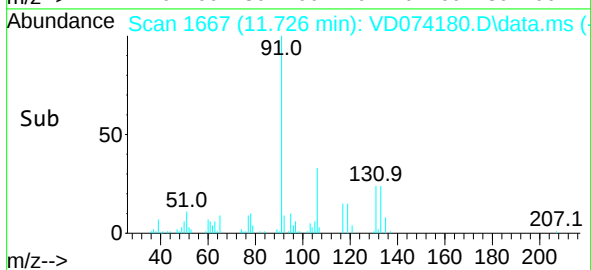
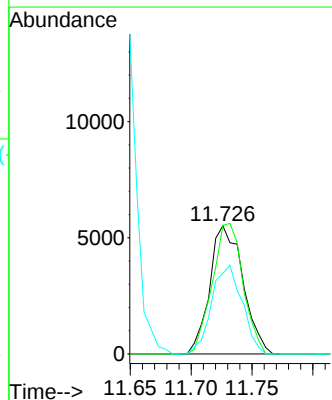
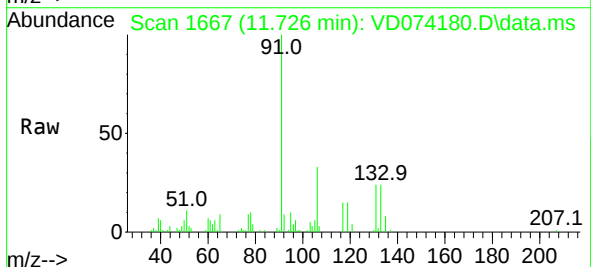
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

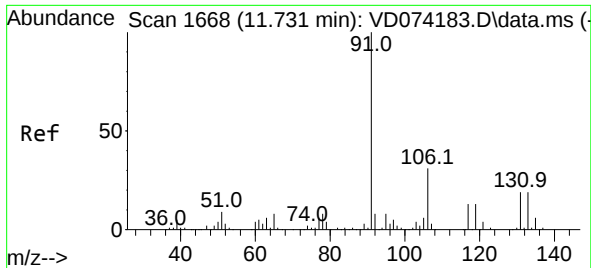
Tgt Ion:112 Resp: 27268
Ion Ratio Lower Upper
112 100
114 27.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 5.390 ug/l
RT: 11.726 min Scan# 1667
Delta R.T. -0.005 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

Tgt Ion:131 Resp: 10433
Ion Ratio Lower Upper
131 100
133 94.6 48.1 144.3
119 63.6 31.9 95.9





#67

Ethyl Benzene

Concen: 4.968 ug/l

RT: 11.732 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD074180.D

Acq: 23 Aug 2022 10:14

Instrument :

MSVOA_D

ClientSampleId :

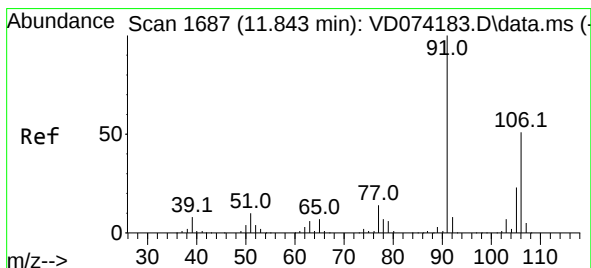
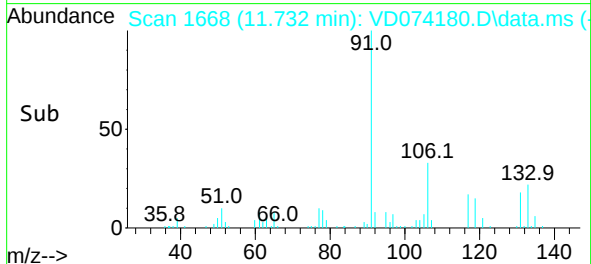
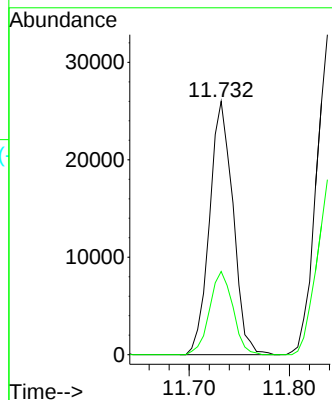
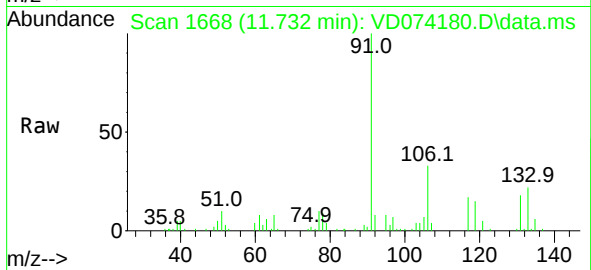
VSTDIC005

Tgt Ion: 91 Resp: 42301

Ion Ratio Lower Upper

91 100

106 32.8 24.2 36.4



#68

m/p-Xylenes

Concen: 9.768 ug/l

RT: 11.838 min Scan# 1686

Delta R.T. -0.005 min

Lab File: VD074180.D

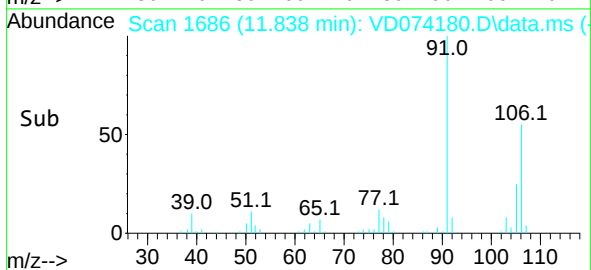
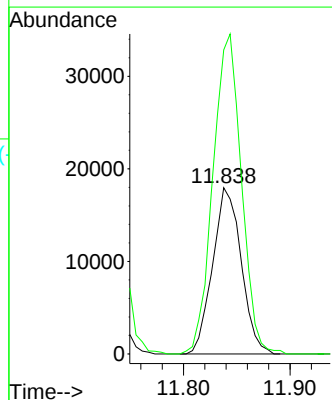
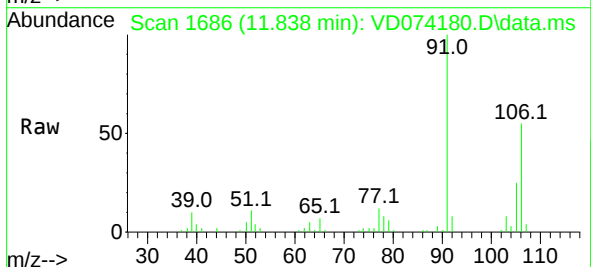
Acq: 23 Aug 2022 10:14

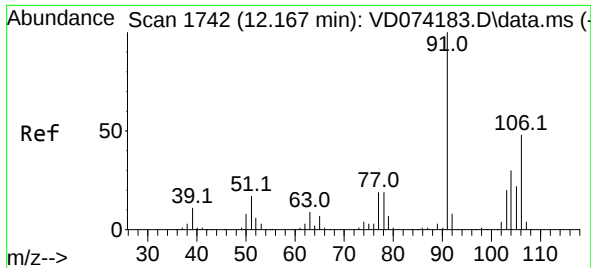
Tgt Ion: 106 Resp: 33412

Ion Ratio Lower Upper

106 100

91 191.9 163.7 245.5

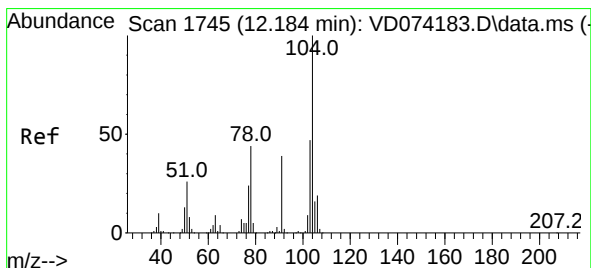
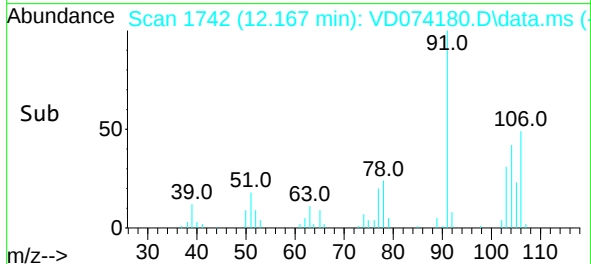
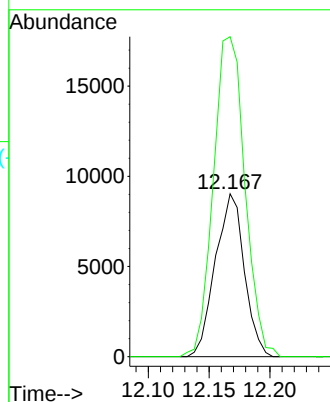
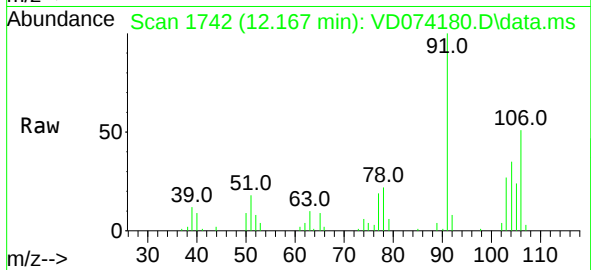




#69
o-Xylene
Concen: 4.807 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

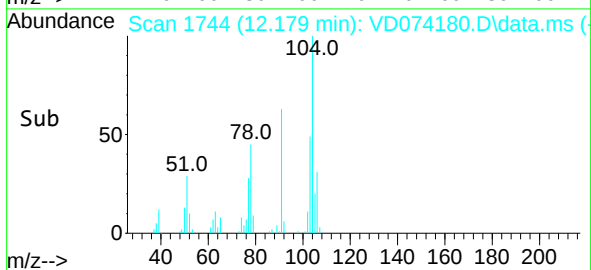
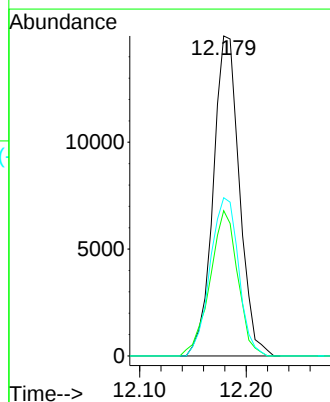
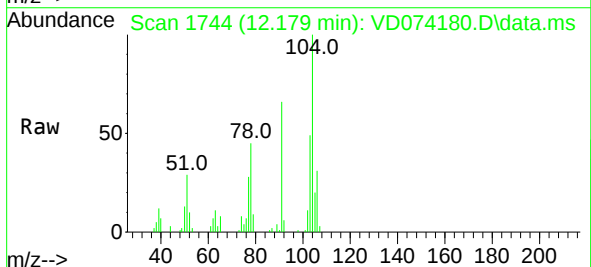
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

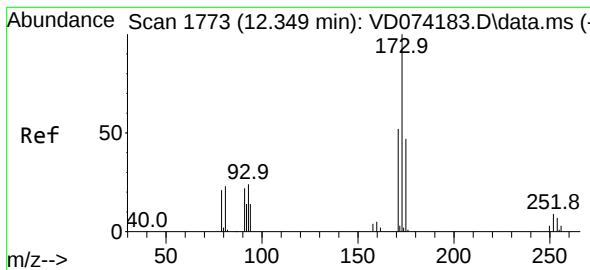
Tgt Ion:106 Resp: 14956
Ion Ratio Lower Upper
106 100
91 213.7 110.4 331.2



#70
Styrene
Concen: 4.713 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.005 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

Tgt Ion:104 Resp: 25552
Ion Ratio Lower Upper
104 100
78 47.9 41.8 62.8
103 53.7 44.2 66.4





#71

Bromoform

Concen: 5.741 ug/l

RT: 12.344 min Scan# 1

Delta R.T. -0.005 min

Lab File: VD074180.D

Acq: 23 Aug 2022 10:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

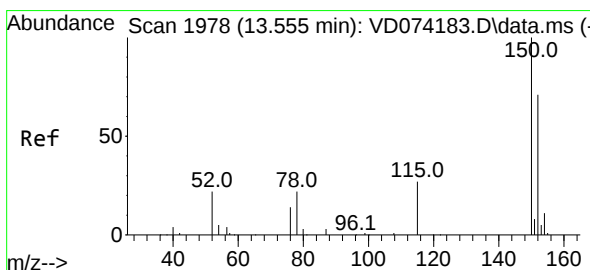
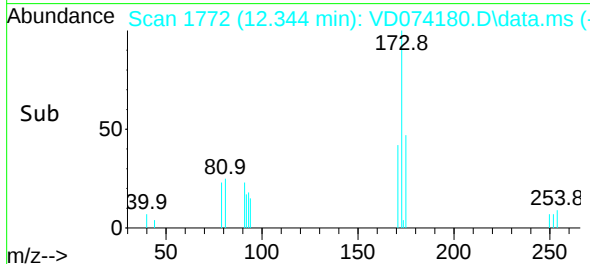
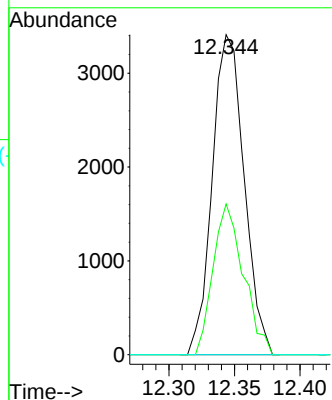
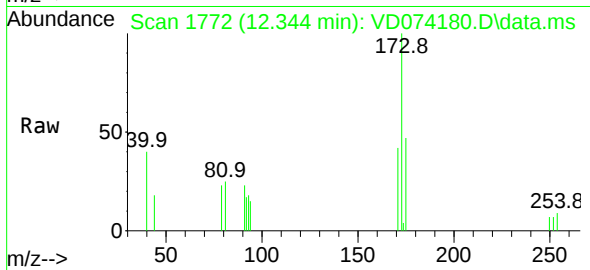
Tgt Ion:173 Resp: 5764

Ion Ratio Lower Upper

173 100

175 44.8 23.9 71.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.006 min

Lab File: VD074180.D

Acq: 23 Aug 2022 10:14

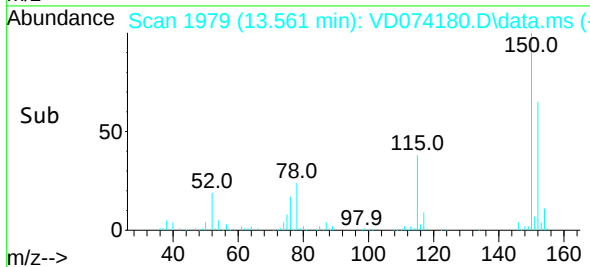
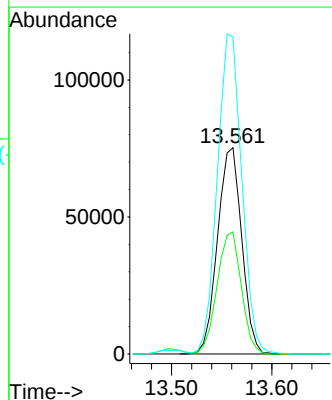
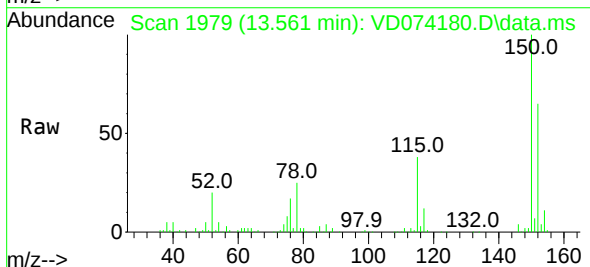
Tgt Ion:152 Resp: 126209

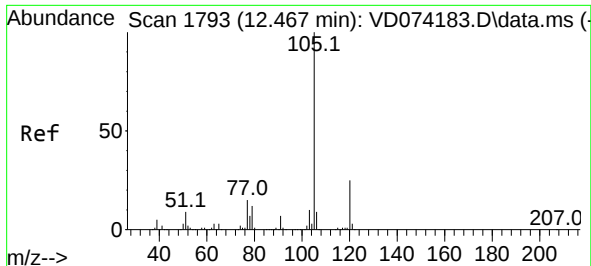
Ion Ratio Lower Upper

152 100

115 59.1 31.3 93.8

150 157.2 0.0 348.6

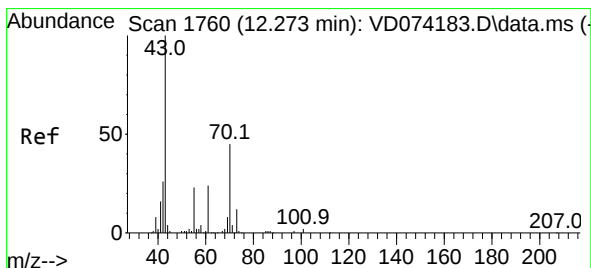
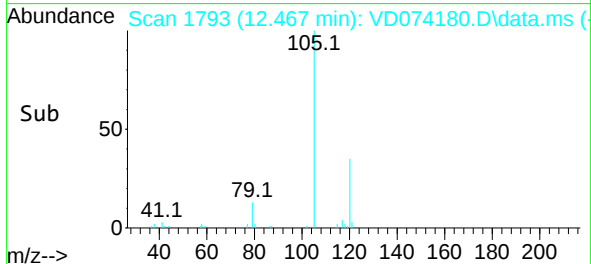
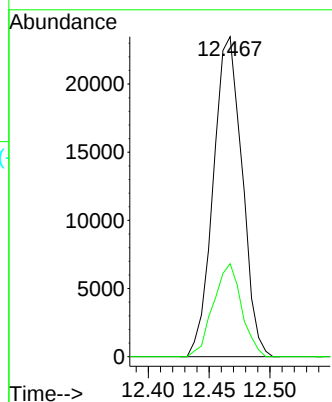
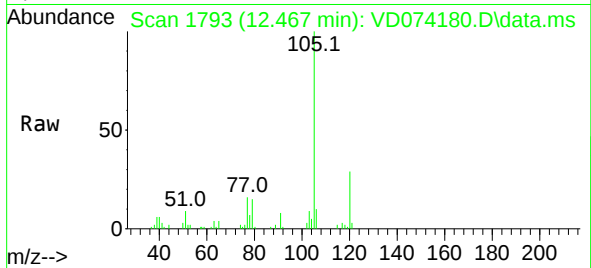




#73
Isopropylbenzene
Concen: 4.546 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

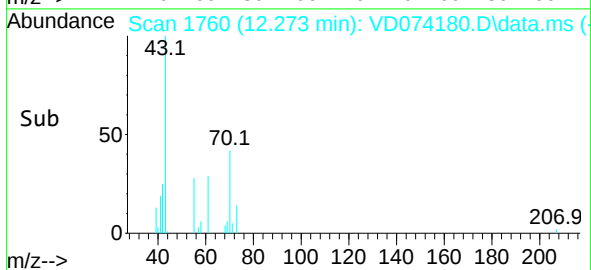
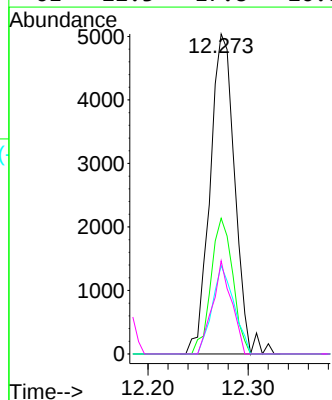
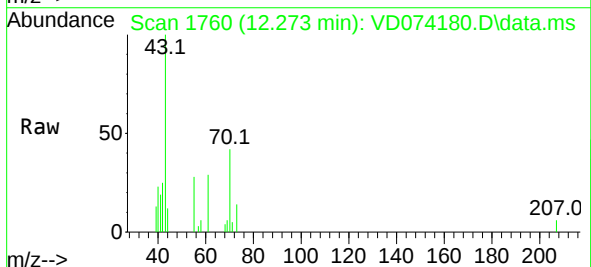
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

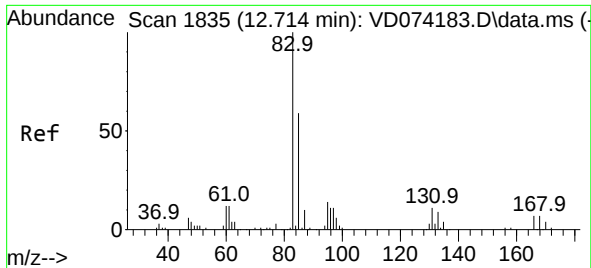
Tgt Ion:105 Resp: 38697
Ion Ratio Lower Upper
105 100
120 28.4 13.0 38.9



#74
N-ethyl acetate
Concen: 5.154 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

Tgt Ion: 43 Resp: 8611
Ion Ratio Lower Upper
43 100
70 37.6 31.3 46.9
55 24.4 20.0 30.0
61 22.3 17.8 26.8

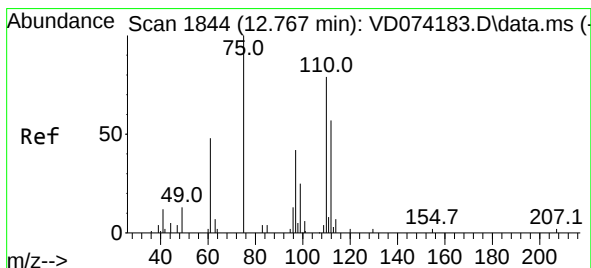
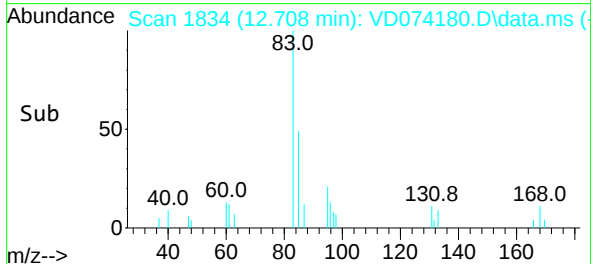
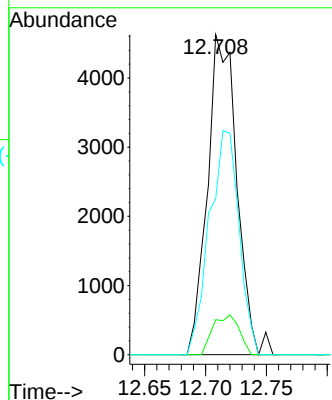
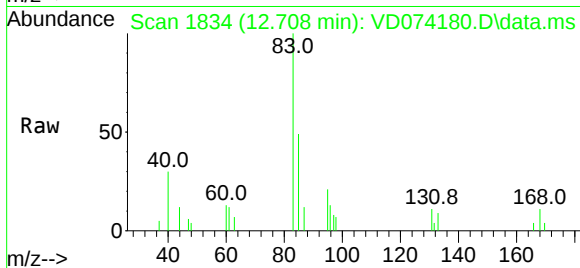




#75
1,1,2,2-Tetrachloroethane
Concen: 5.050 ug/l
RT: 12.708 min Scan# 1834
Delta R.T. -0.005 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

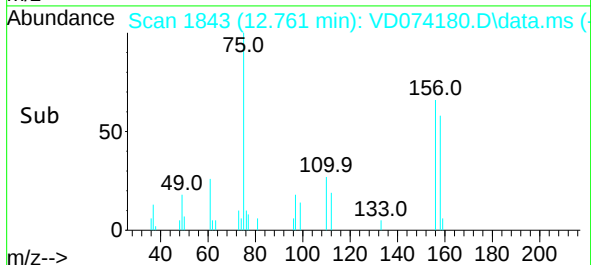
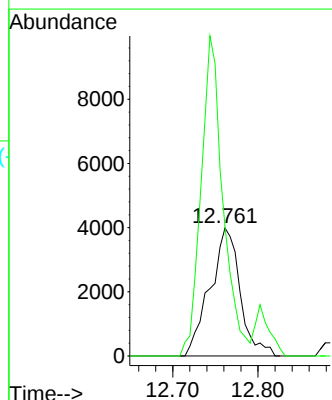
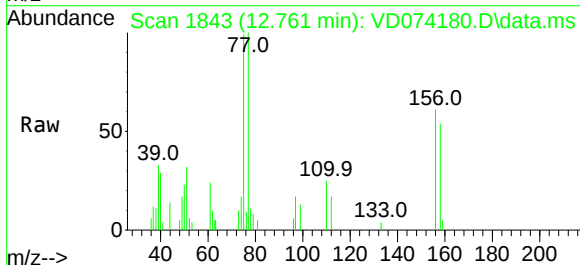
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

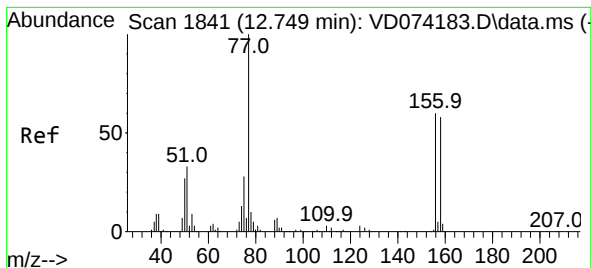
Tgt Ion: 83 Resp: 7786
Ion Ratio Lower Upper
83 100
131 11.1 5.0 14.9
85 70.4 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 8.317 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. -0.005 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

Tgt Ion: 75 Resp: 9772
Ion Ratio Lower Upper
75 100
77 182.8 0.0 0.0#





#77

Bromobenzene

Concen: 5.064 ug/l

RT: 12.744 min Scan# 1840

Delta R.T. -0.005 min

Lab File: VD074180.D

Acq: 23 Aug 2022 10:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

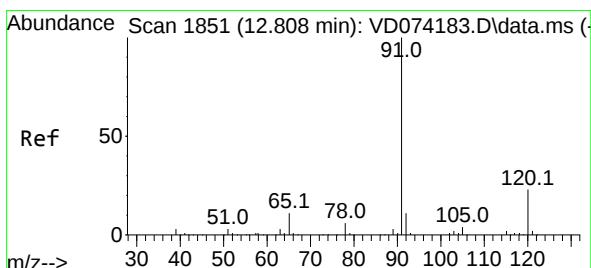
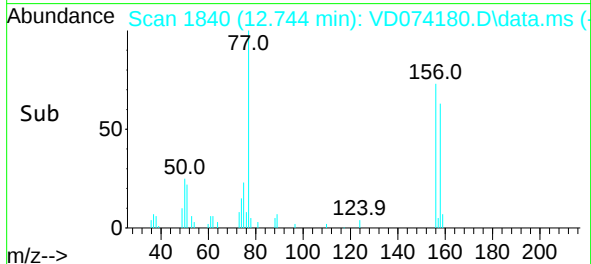
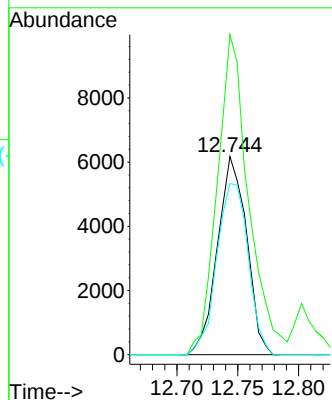
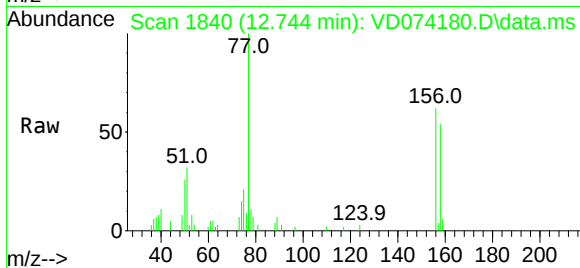
Tgt Ion:156 Resp: 10304

Ion Ratio Lower Upper

156 100

77 173.3 102.8 308.3

158 92.9 48.7 146.1



#78

n-propylbenzene

Concen: 4.671 ug/l

RT: 12.802 min Scan# 1850

Delta R.T. -0.005 min

Lab File: VD074180.D

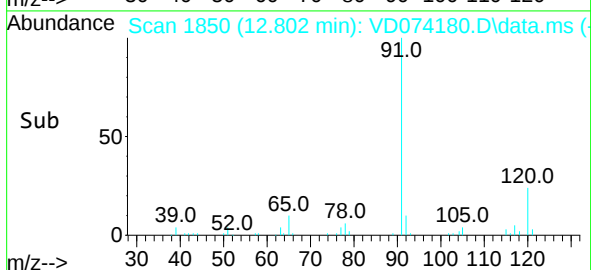
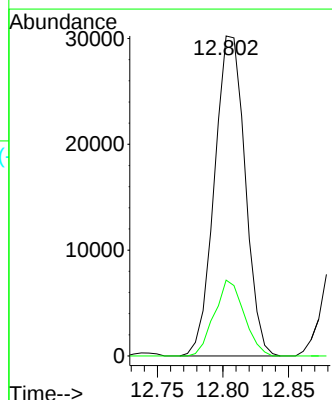
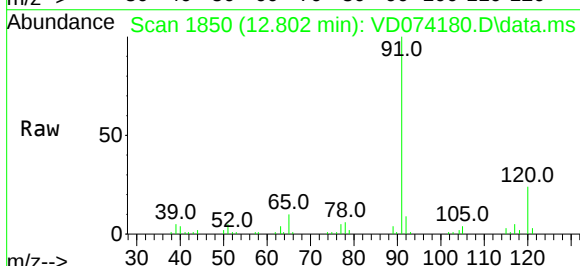
Acq: 23 Aug 2022 10:14

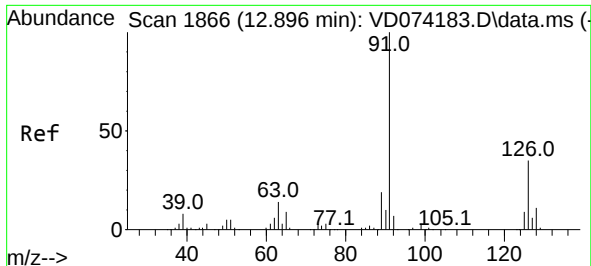
Tgt Ion: 91 Resp: 49168

Ion Ratio Lower Upper

91 100

120 22.9 10.9 32.9

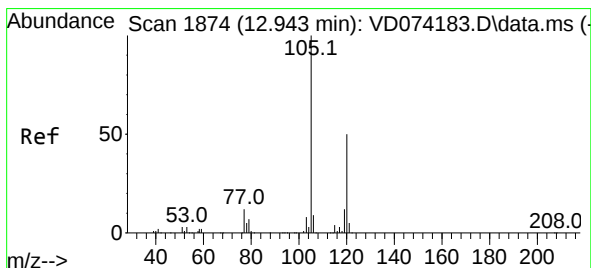
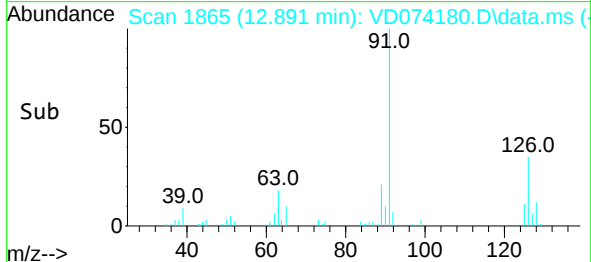
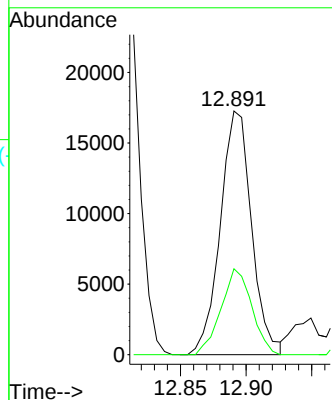
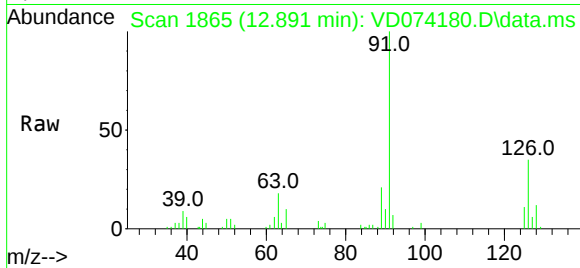




#79
2-Chlorotoluene
Concen: 4.787 ug/l
RT: 12.891 min Scan# 1865
Delta R.T. -0.005 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

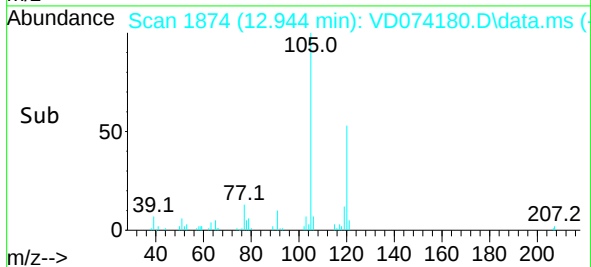
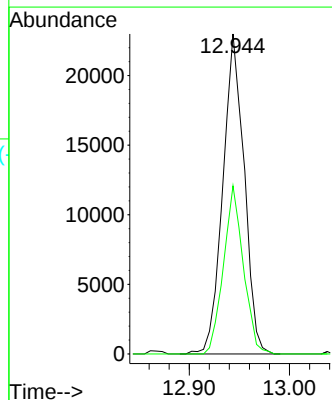
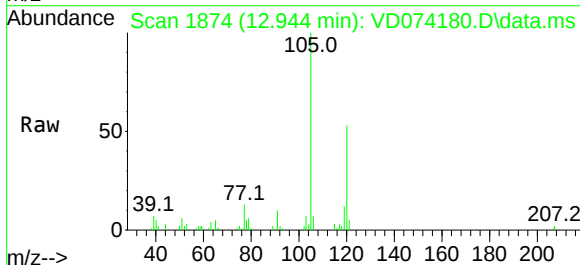
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

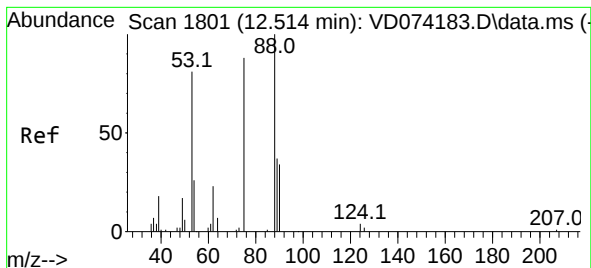
Tgt Ion: 91 Resp: 28698
Ion Ratio Lower Upper
91 100
126 34.6 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 4.679 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

Tgt Ion: 105 Resp: 33956
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.8

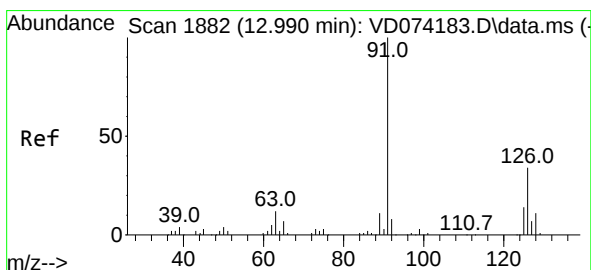
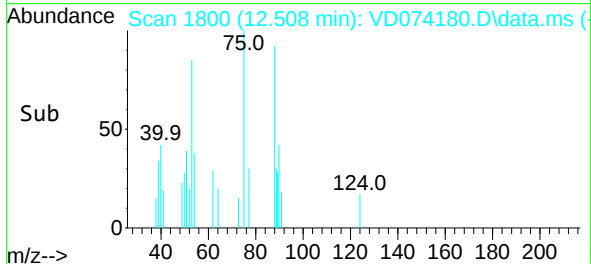
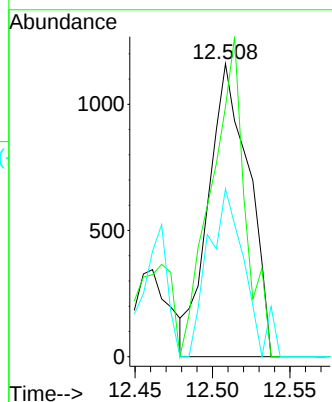
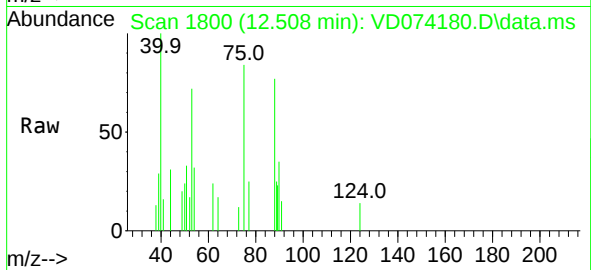




#81
trans-1,4-Dichloro-2-butene
Concen: 4.813 ug/l
RT: 12.508 min Scan# 1800
Delta R.T. -0.005 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

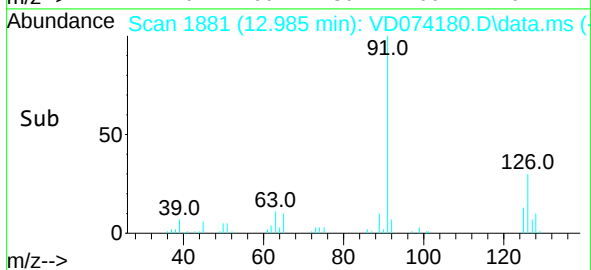
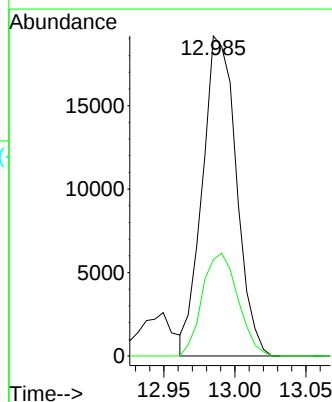
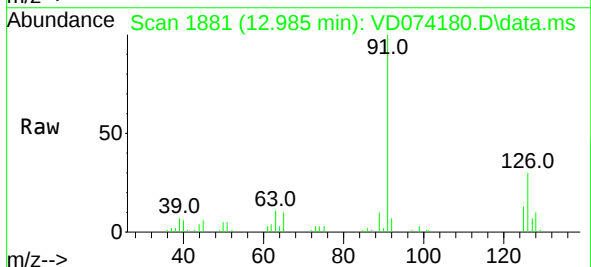
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

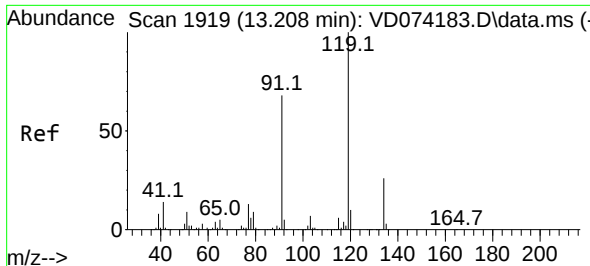
Tgt Ion: 75 Resp: 2099
Ion Ratio Lower Upper
75 100
53 91.4 86.5 129.7
89 51.9 33.9 50.9#



#82
4-Chlorotoluene
Concen: 5.018 ug/l
RT: 12.985 min Scan# 1881
Delta R.T. -0.005 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

Tgt Ion: 91 Resp: 31806
Ion Ratio Lower Upper
91 100
126 33.7 16.5 49.5

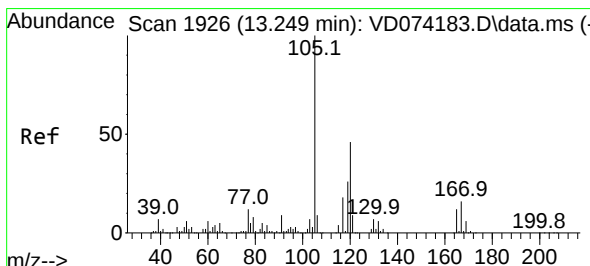
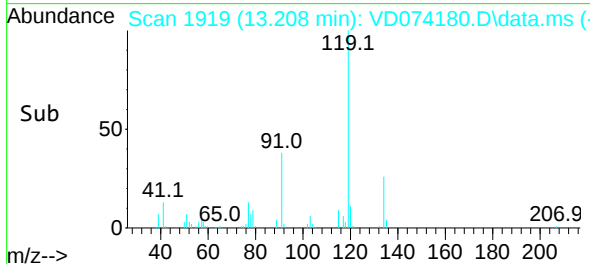
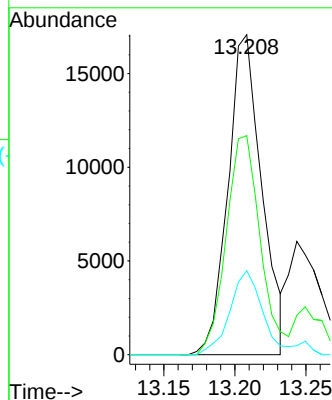
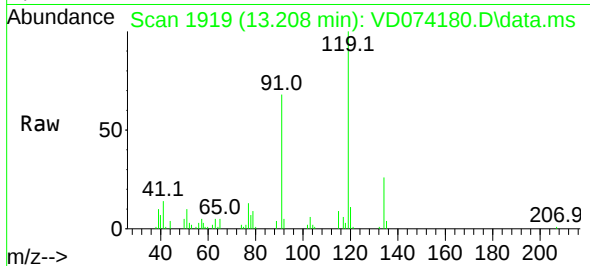




#83
tert-Butylbenzene
Concen: 4.541 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

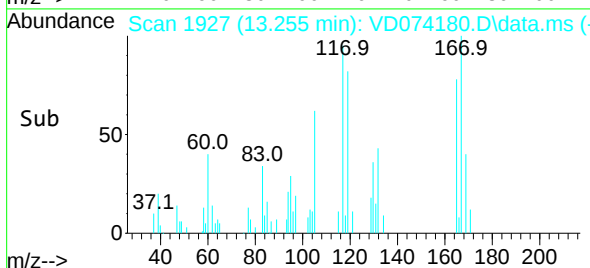
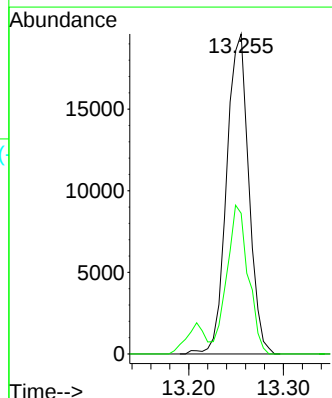
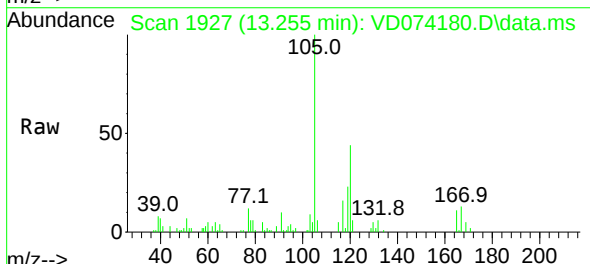
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

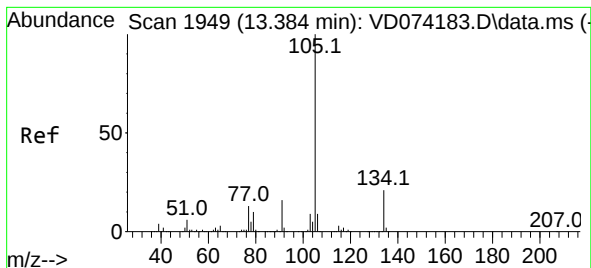
Tgt Ion:119 Resp: 28244
Ion Ratio Lower Upper
119 100
91 69.4 34.8 104.5
134 25.3 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 4.388 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.006 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

Tgt Ion:105 Resp: 31845
Ion Ratio Lower Upper
105 100
120 45.5 22.3 66.8





#85

sec-Butylbenzene

Concen: 4.463 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VD074180.D

Acq: 23 Aug 2022 10:14

Instrument :

MSVOA_D

ClientSampleId :

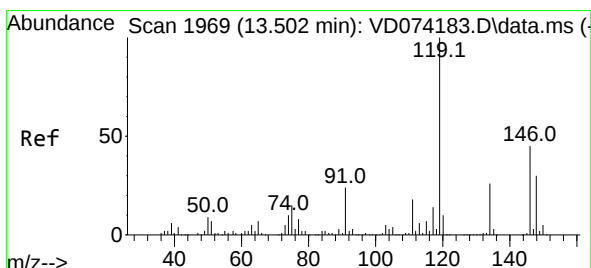
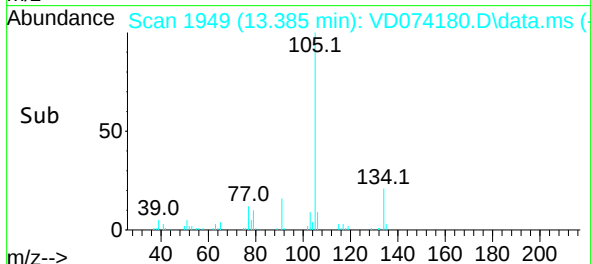
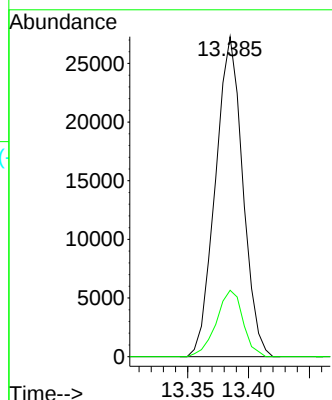
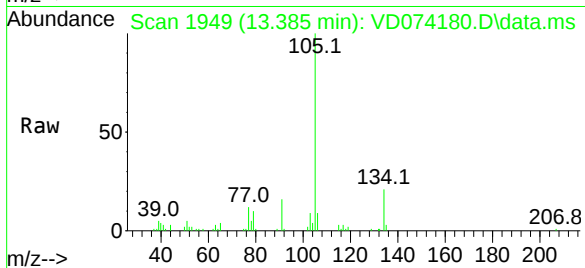
VSTDIC005

Tgt Ion:105 Resp: 42660

Ion Ratio Lower Upper

105 100

134 20.2 9.8 29.3



#86

p-Isopropyltoluene

Concen: 4.260 ug/l

RT: 13.497 min Scan# 1968

Delta R.T. -0.005 min

Lab File: VD074180.D

Acq: 23 Aug 2022 10:14

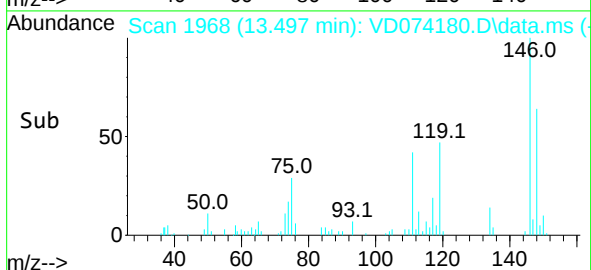
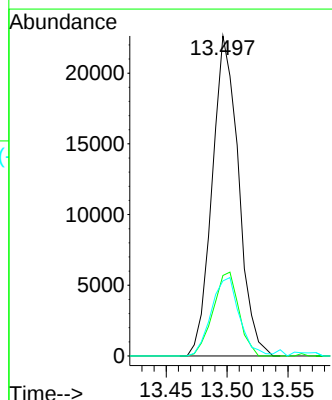
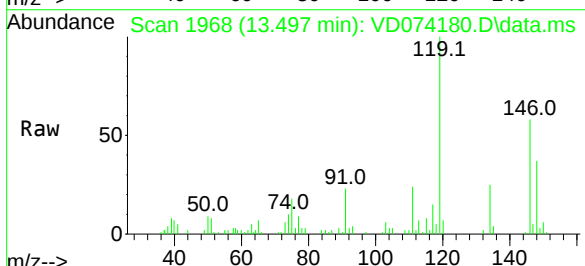
Tgt Ion:119 Resp: 33988

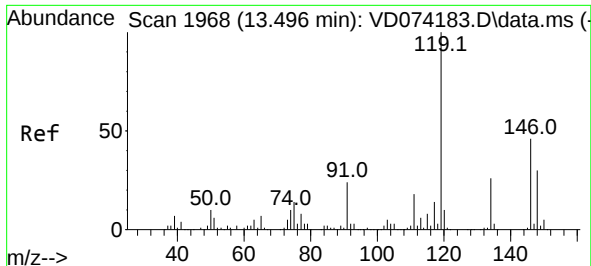
Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.6

91 26.2 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 4.860 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.006 min

Lab File: VD074180.D

Acq: 23 Aug 2022 10:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

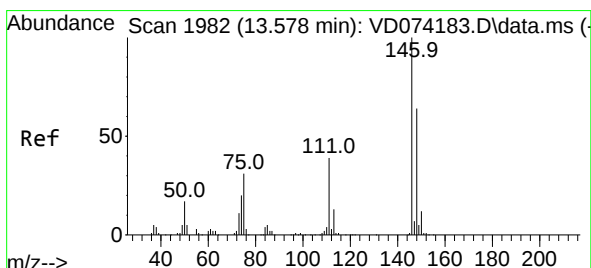
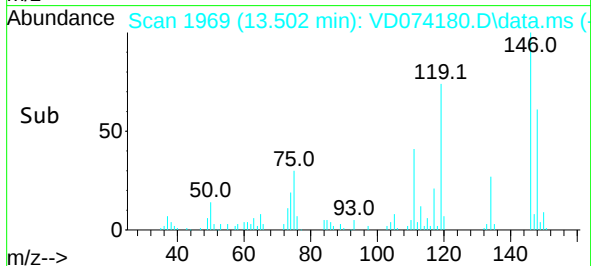
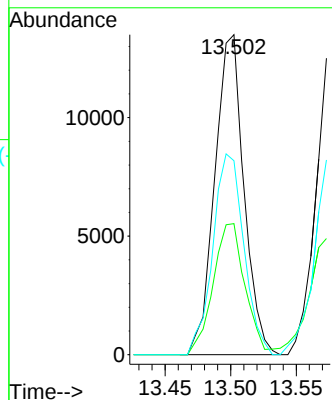
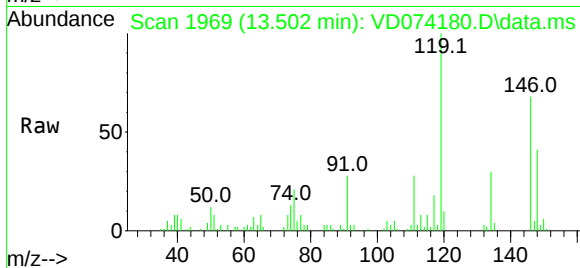
Tgt Ion:146 Resp: 20892

Ion Ratio Lower Upper

146 100

111 44.9 20.4 61.3

148 66.8 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 5.114 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VD074180.D

Acq: 23 Aug 2022 10:14

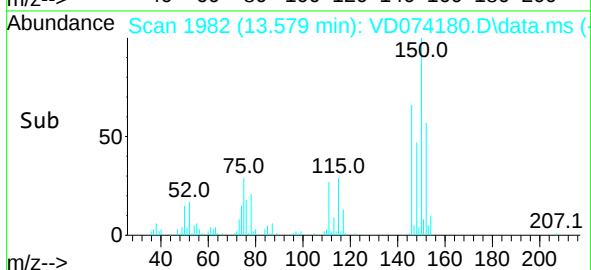
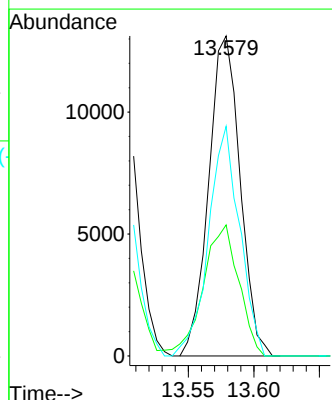
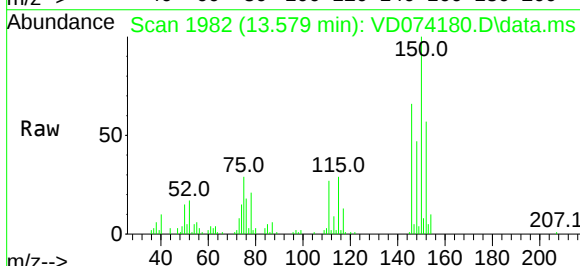
Tgt Ion:146 Resp: 21926

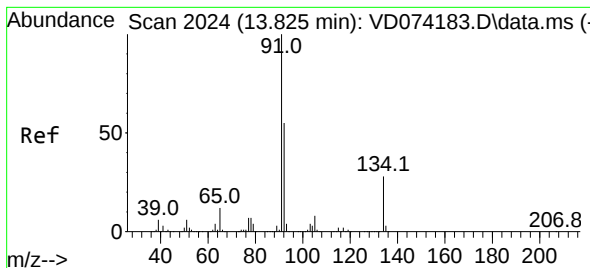
Ion Ratio Lower Upper

146 100

111 46.3 20.3 60.9

148 70.7 31.7 95.1





#89

n-Butylbenzene

Concen: 4.466 ug/l

RT: 13.826 min Scan# 2069

Delta R.T. 0.000 min

Lab File: VD074180.D

Acq: 23 Aug 2022 10:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

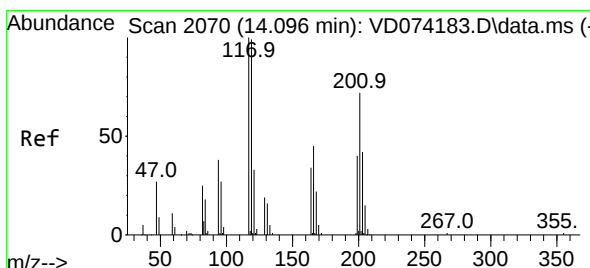
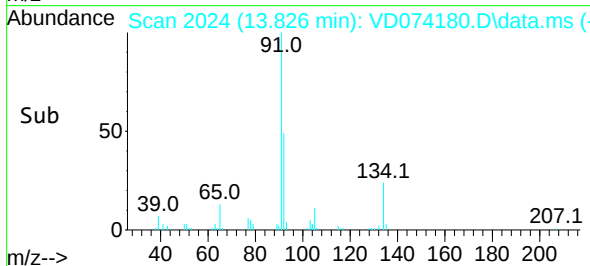
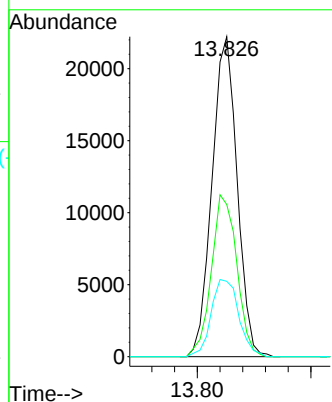
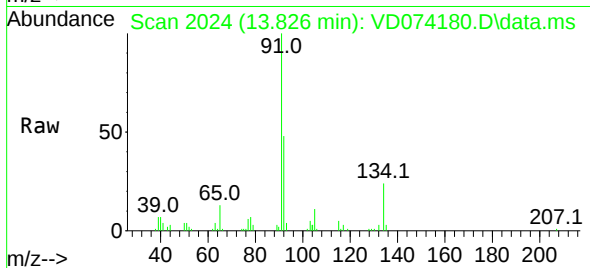
Tgt Ion: 91 Resp: 34049

Ion Ratio Lower Upper

91 100

92 51.3 26.6 79.8

134 26.5 12.3 36.9



#90

Hexachloroethane

Concen: 5.049 ug/l

RT: 14.091 min Scan# 2069

Delta R.T. -0.005 min

Lab File: VD074180.D

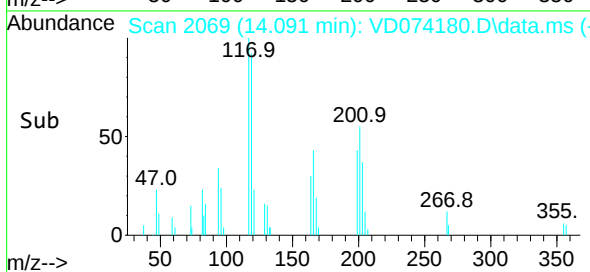
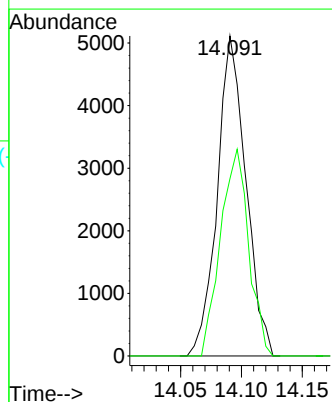
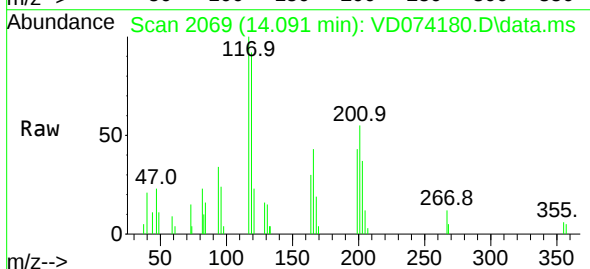
Acq: 23 Aug 2022 10:14

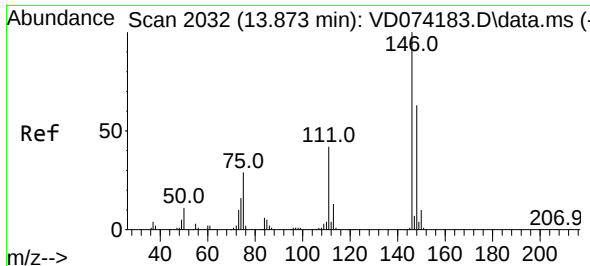
Tgt Ion: 117 Resp: 8365

Ion Ratio Lower Upper

117 100

201 63.6 33.4 100.2

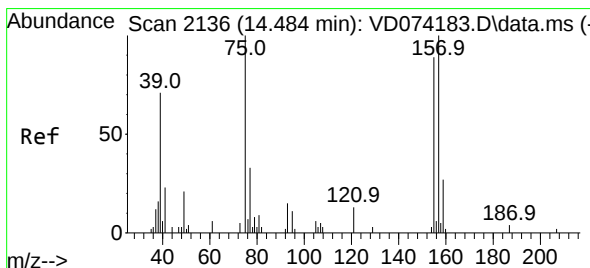
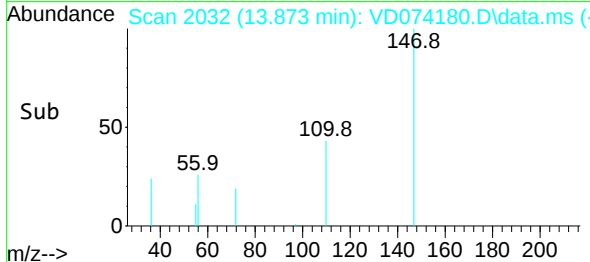
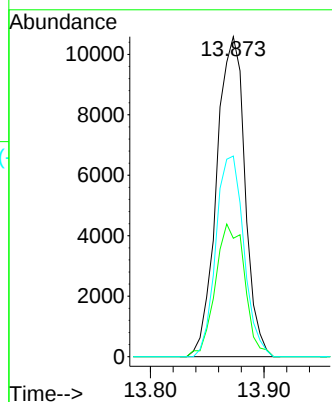
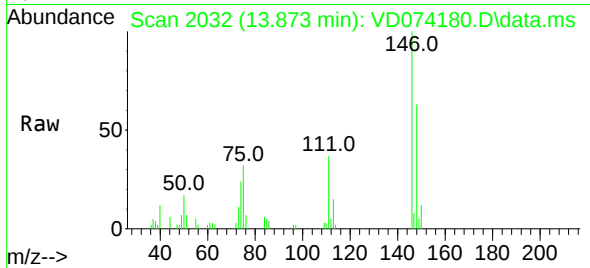




#91
1,2-Dichlorobenzene
Concen: 4.797 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

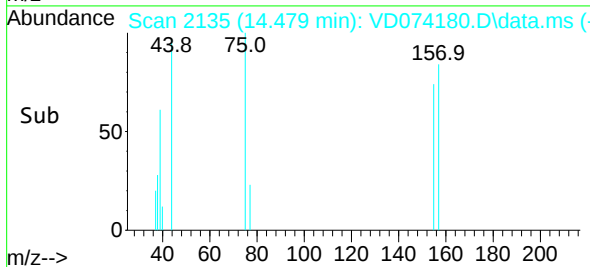
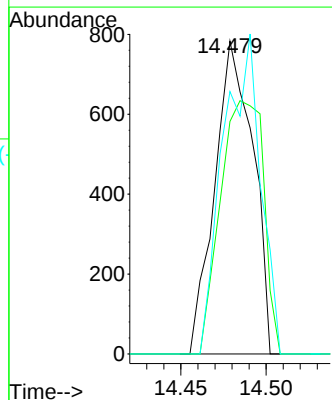
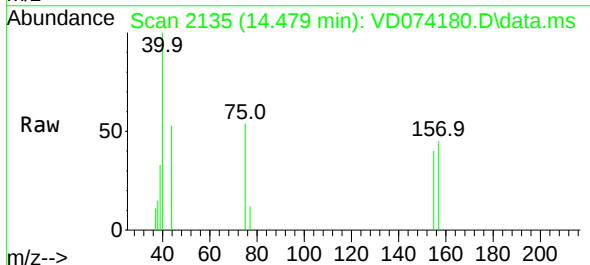
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

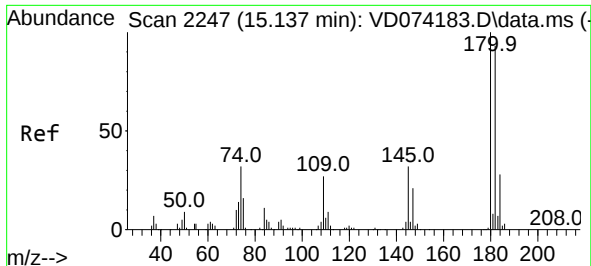
Tgt Ion:146 Resp: 18287
Ion Ratio Lower Upper
146 100
111 43.1 21.1 63.3
148 62.1 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.674 ug/l
RT: 14.479 min Scan# 2135
Delta R.T. -0.005 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

Tgt Ion: 75 Resp: 1220
Ion Ratio Lower Upper
75 100
155 91.4 36.8 110.3
157 99.4 48.4 145.0

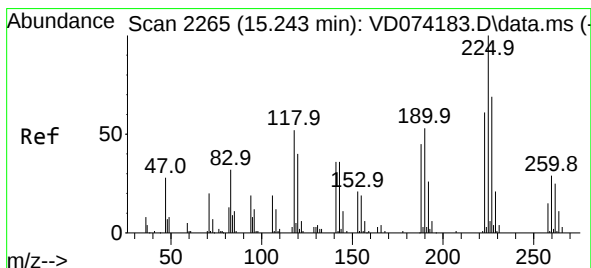
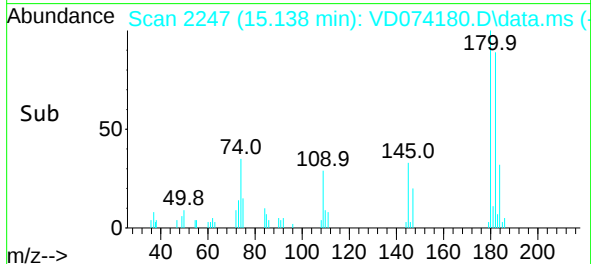
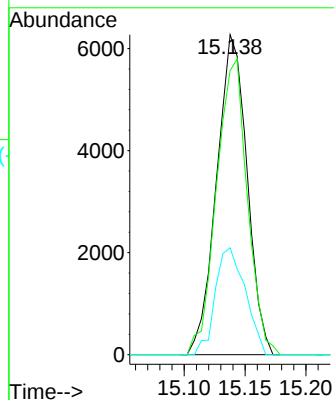
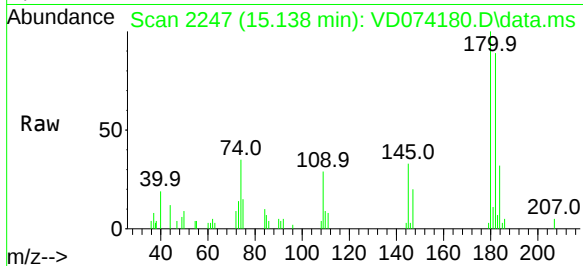




#93
 1,2,4-Trichlorobenzene
 Concen: 4.542 ug/l
 RT: 15.138 min Scan# 2247
 Delta R.T. 0.000 min
 Lab File: VD074180.D
 Acq: 23 Aug 2022 10:14

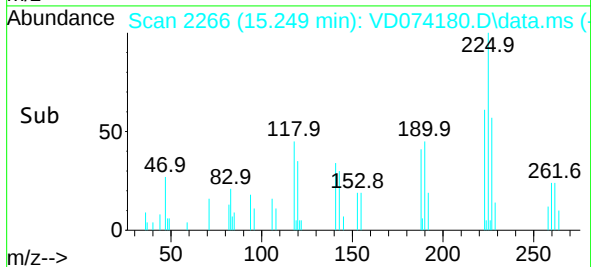
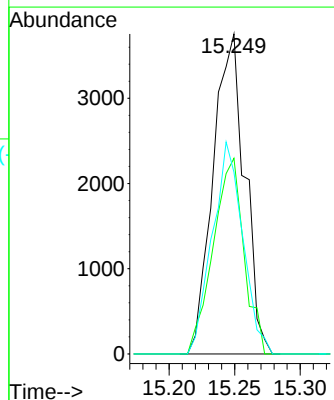
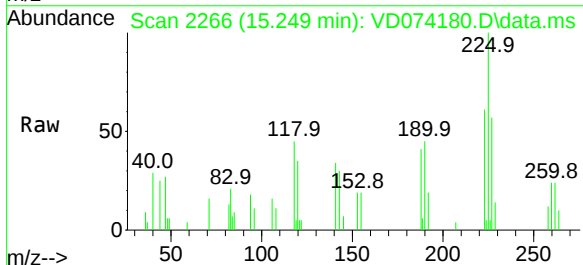
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

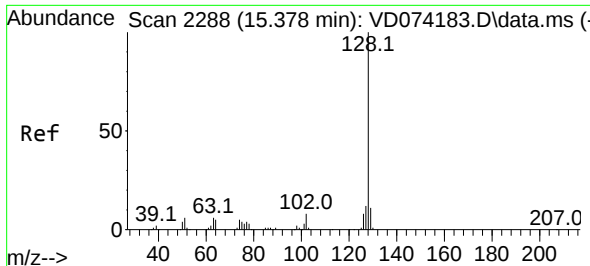
Tgt Ion:180 Resp: 10916
 Ion Ratio Lower Upper
 180 100
 182 93.5 47.3 142.0
 145 33.0 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 4.438 ug/l
 RT: 15.249 min Scan# 2266
 Delta R.T. 0.006 min
 Lab File: VD074180.D
 Acq: 23 Aug 2022 10:14

Tgt Ion:225 Resp: 6304
 Ion Ratio Lower Upper
 225 100
 223 59.3 31.1 93.2
 227 63.8 32.4 97.0

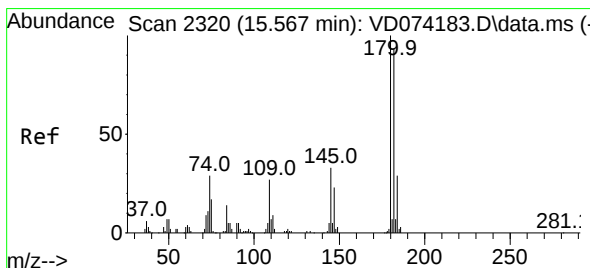
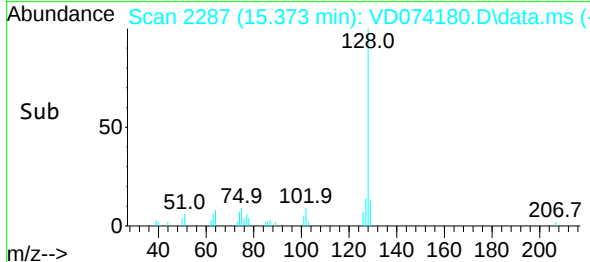
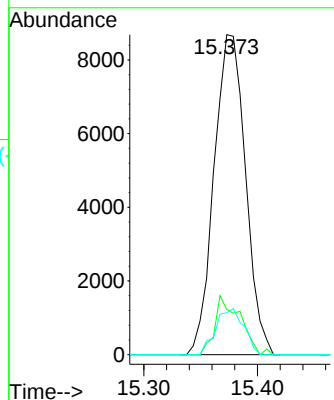
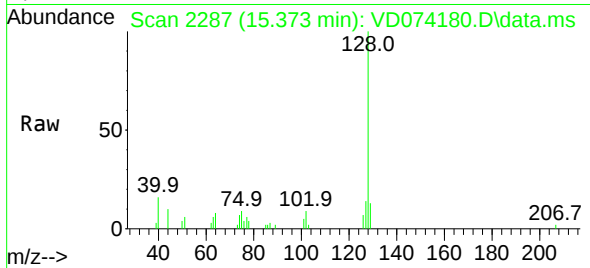




#95
Naphthalene
Concen: 4.047 ug/l
RT: 15.373 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 16745
Ion Ratio Lower Upper
128 100
127 14.8 10.3 15.5
129 12.8 8.4 12.6#



#96
1,2,3-Trichlorobenzene
Concen: 4.351 ug/l
RT: 15.567 min Scan# 2320
Delta R.T. 0.000 min
Lab File: VD074180.D
Acq: 23 Aug 2022 10:14

Tgt Ion:180 Resp: 9213
Ion Ratio Lower Upper
180 100
182 88.4 47.6 142.9
145 32.2 17.1 51.3

