

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081922\
 Data File : VD074149.D
 Acq On : 19 Aug 2022 15:30
 Operator : VA/SY
 Sample : VD0819SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0819SBS01

Quant Time: Aug 20 01:23:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 19 09:25:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	11221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	21241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	24214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	12911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	8811	113.201	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	226.400%#
35) Dibromofluoromethane	7.908	113	7356	72.522	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	145.040%
50) Toluene-d8	10.332	98	15115	52.219	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.440%
62) 4-Bromofluorobenzene	12.620	95	9799	61.652	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	123.300%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	2443	20.397	ug/l	91
3) Chloromethane	2.203	50	2645	26.194	ug/l	92
4) Vinyl Chloride	2.344	62	2025	21.287	ug/l #	83
5) Bromomethane	2.767	94	2431	42.836	ug/l	90
6) Chloroethane	2.914	64	1568	27.118	ug/l #	84
7) Trichlorofluoromethane	3.273	101	4490	20.667	ug/l	89
8) Diethyl Ether	3.709	74	2730	45.028	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.091	101	2618	20.454	ug/l #	82
10) Methyl Iodide	4.291	142	3028	20.681	ug/l #	72
11) Tert butyl alcohol	5.220	59	5217	656.009	ug/l #	93
12) 1,1-Dichloroethene	4.056	96	2297	19.043	ug/l	93
13) Acrolein	3.920	56	5472	528.487	ug/l	99
14) Allyl chloride	4.709	41	5456	27.488	ug/l	89
15) Acrylonitrile	5.414	53	14818	506.032	ug/l	97
16) Acetone	4.156	43	14983	619.778	ug/l #	83
17) Carbon Disulfide	4.403	76	7895	19.487	ug/l	96
18) Methyl Acetate	4.714	43	7813	103.431	ug/l #	88
19) Methyl tert-butyl Ether	5.467	73	13261	47.455	ug/l	98
20) Methylene Chloride	4.956	84	6394	35.015	ug/l #	82
21) trans-1,2-Dichloroethene	5.473	96	3371	24.114	ug/l #	57
22) Diisopropyl ether	6.367	45	11597	29.436	ug/l #	93
23) Vinyl Acetate	6.303	43	43459	197.880	ug/l	97
24) 1,1-Dichloroethane	6.255	63	6481	25.987	ug/l #	93
25) 2-Butanone	7.202	43	23101	585.630	ug/l #	90
26) 2,2-Dichloropropane	7.197	77	6114	28.566	ug/l	96
27) cis-1,2-Dichloroethene	7.202	96	4107	27.412	ug/l	93
28) Bromochloromethane	7.532	49	1837	23.131	ug/l #	1
29) Tetrahydrofuran	7.561	42	12879	538.343	ug/l	94
30) Chloroform	7.708	83	7400	28.763	ug/l	95
31) Cyclohexane	7.979	56	3391	14.270	ug/l	97
32) 1,1,1-Trichloroethane	7.891	97	5103	22.292	ug/l	99
36) 1,1-Dichloropropene	8.102	75	4120	18.949	ug/l	95
37) Ethyl Acetate	7.291	43	7954	81.635	ug/l #	93
38) Carbon Tetrachloride	8.097	117	3557	16.543	ug/l #	71
39) Methylcyclohexane	9.344	83	3509	13.846	ug/l #	76
40) Benzene	8.344	78	13318	22.183	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Fri Aug 19 09:25:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	4328	86.322	ug/l #	64
42) 1,2-Dichloroethane	8.414	62	7518	42.104	ug/l	97
43) Isopropyl Acetate	8.444	43	12093	67.020	ug/l #	97
44) Trichloroethene	9.102	130	3783	23.332	ug/l	76
45) 1,2-Dichloropropane	9.379	63	3989	26.225	ug/l #	77
46) Dibromomethane	9.467	93	3733	44.014	ug/l	89
47) Bromodichloromethane	9.655	83	6456	30.107	ug/l	92
48) Methyl methacrylate	9.444	41	5329	59.928	ug/l	94
49) 1,4-Dioxane	9.444	88	2407	2647.433	ug/l	90
51) 4-Methyl-2-Pentanone	10.220	43	35735	384.819	ug/l	95
52) Toluene	10.396	92	7993	21.572	ug/l	100
53) t-1,3-Dichloropropene	10.608	75	6194	31.790	ug/l #	66
54) cis-1,3-Dichloropropene	10.079	75	7112	30.582	ug/l	91
55) 1,1,2-Trichloroethane	10.791	97	5242	46.943	ug/l	92
56) Ethyl methacrylate	10.655	69	5976	43.770	ug/l	96
57) 1,3-Dichloropropane	10.932	76	8023	40.581	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	8301	207.422	ug/l	99
59) 2-Hexanone	10.973	43	25521	412.050	ug/l	98
60) Dibromochloromethane	11.126	129	5775	41.068	ug/l	100
61) 1,2-Dibromoethane	11.232	107	5811	53.560	ug/l	99
64) Tetrachloroethene	10.855	164	2883	17.541	ug/l #	84
65) Chlorobenzene	11.655	112	10102	20.510	ug/l #	85
66) 1,1,1,2-Tetrachloroethane	11.732	131	4323	24.265	ug/l	97
67) Ethyl Benzene	11.732	91	12612	14.499	ug/l #	80
68) m/p-Xylenes	11.838	106	10054	30.072	ug/l	95
69) o-Xylene	12.167	106	5365	17.168	ug/l	88
70) Styrene	12.185	104	9176	17.190	ug/l	98
71) Bromoform	12.343	173	4590	48.180	ug/l #	90
73) Isopropylbenzene	12.467	105	11533	12.265	ug/l	97
74) N-amyl acetate	12.273	43	8277	35.070	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	8593	47.736	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	9542	71.366	ug/l #	100
77) Bromobenzene	12.743	156	4829	22.400	ug/l	87
78) n-propylbenzene	12.808	91	14210	12.190	ug/l	99
79) 2-Chlorotoluene	12.896	91	10052	15.024	ug/l	98
80) 1,3,5-Trimethylbenzene	12.943	105	9607	12.220	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.514	75	1983	38.809	ug/l	94
82) 4-Chlorotoluene	12.990	91	10897	15.476	ug/l	99
83) tert-Butylbenzene	13.208	119	8669	13.040	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	10218	13.194	ug/l	95
85) sec-Butylbenzene	13.385	105	12166	12.038	ug/l	99
86) p-Isopropyltoluene	13.496	119	10358	12.346	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	8750	20.335	ug/l	95
88) 1,4-Dichlorobenzene	13.573	146	8772	20.416	ug/l	98
89) n-Butylbenzene	13.820	91	10184	12.447	ug/l	97
90) Hexachloroethane	14.085	117	2507	15.288	ug/l	89
91) 1,2-Dichlorobenzene	13.873	146	8892	23.382	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.479	75	2194	71.019	ug/l	95
93) 1,2,4-Trichlorobenzene	15.137	180	4747	21.350	ug/l	96
94) Hexachlorobutadiene	15.237	225	2145	18.188	ug/l	95
95) Naphthalene	15.379	128	15556	34.543	ug/l	98
96) 1,2,3-Trichlorobenzene	15.567	180	5446	27.774	ug/l	96

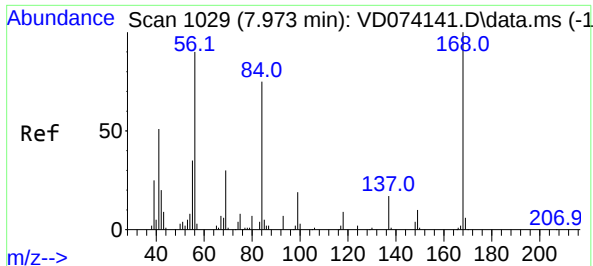
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Quant Title : SW846 8260
QLast Update : Fri Aug 19 09:25:06 2022
Response via : Initial Calibration

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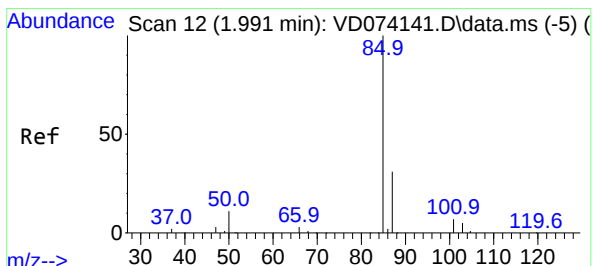
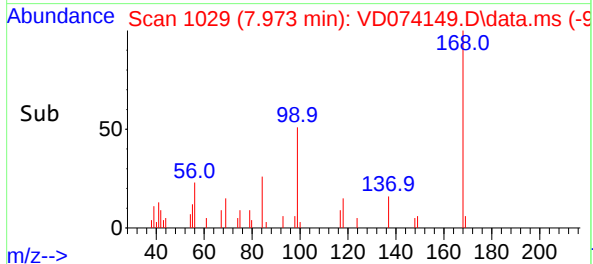
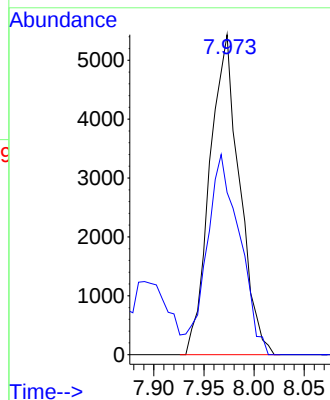
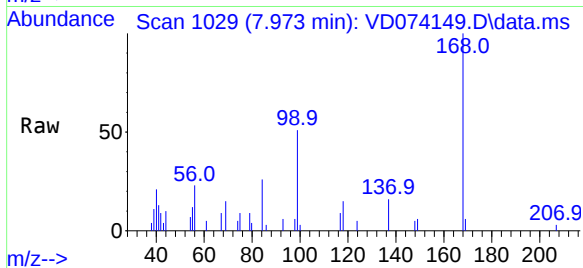
(#) = qualifier out of range (m) = manual integration (+) = signals summed



Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.973 min Scan# 1029
 Delta R.T. 0.000 min
 Lab File: VD074149.D
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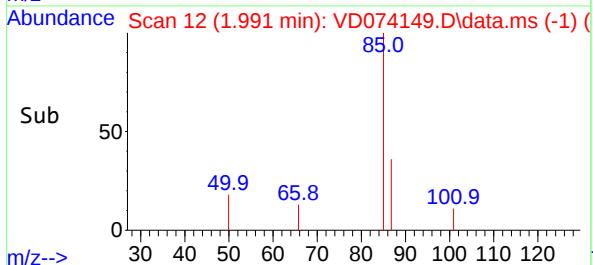
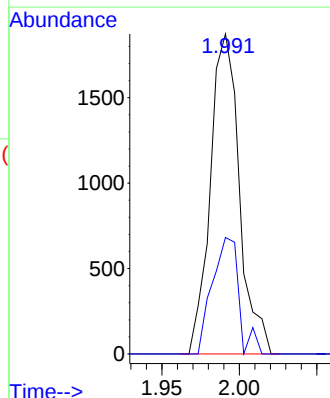
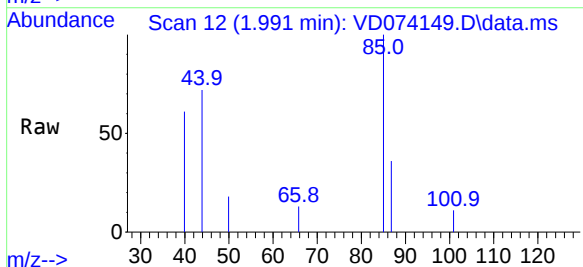
Instrument :
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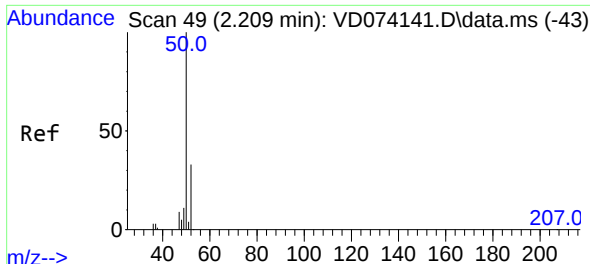
Tgt Ion:168 Resp: 11221
 Ion Ratio Lower Upper
 168 100
 99 50.7 49.8 74.6



Dichlorodifluoromethane
 Concen: 20.397 ug/l
 RT: 1.991 min Scan# 12
 Delta R.T. 0.000 min
 Lab File: VD074149.D
 Acq: 19 Aug 2022 15:30

Tgt Ion: 85 Resp: 2443
 Ion Ratio Lower Upper
 85 100
 87 36.4 15.7 47.0

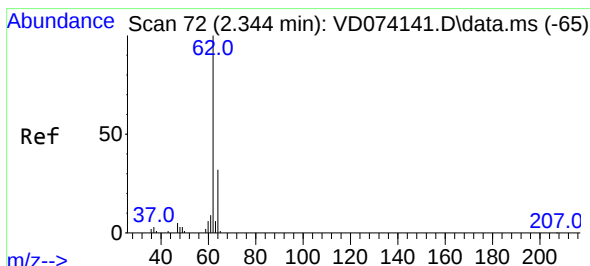
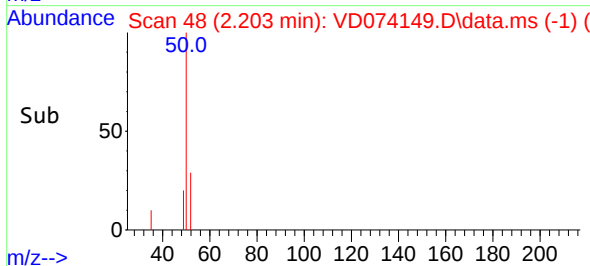
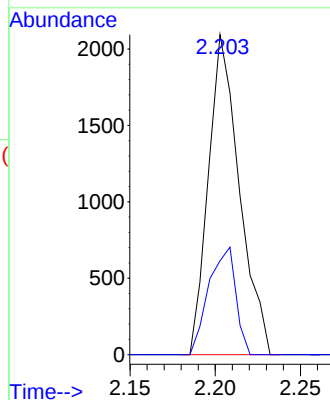
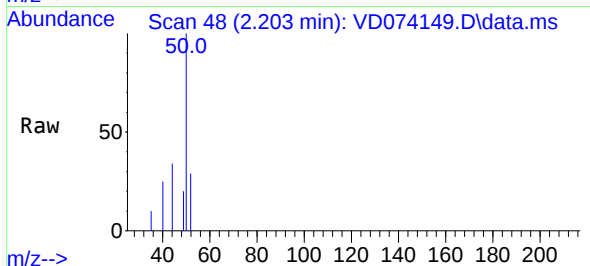




#3
Chloromethane
Concen: 26.194 ug/l
RT: 2.203 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

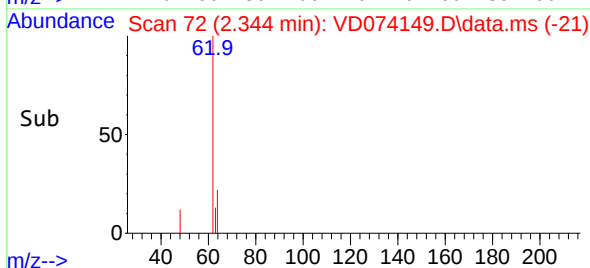
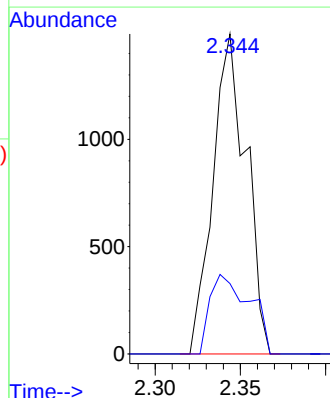
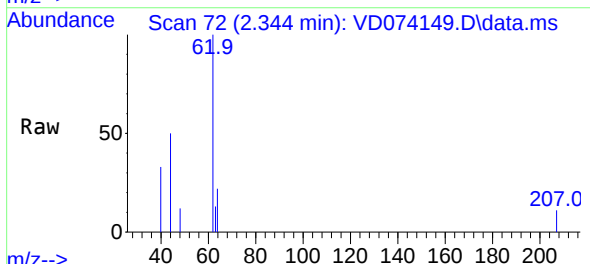
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

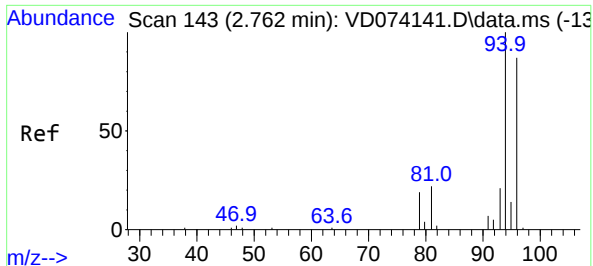
Tgt Ion: 50 Resp: 2645
Ion Ratio Lower Upper
50 100
52 29.4 27.4 41.0



#4
Vinyl Chloride
Concen: 21.287 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.000 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion: 62 Resp: 2025
Ion Ratio Lower Upper
62 100
64 22.0 25.4 38.0#

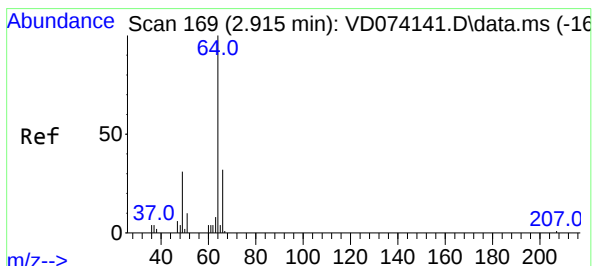
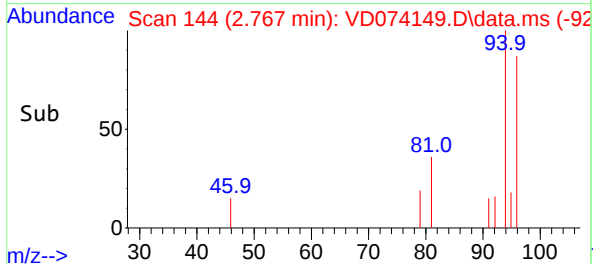
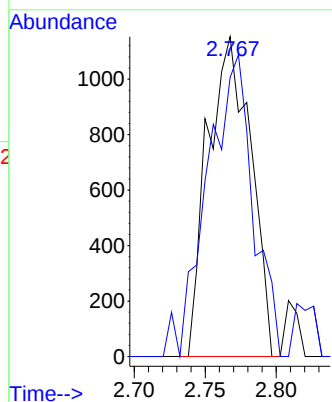
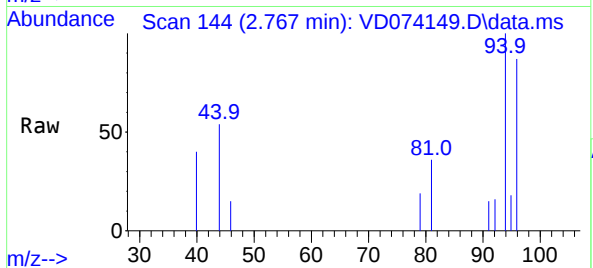




#5
Bromomethane
Concen: 42.836 ug/l
RT: 2.767 min Scan# 143
Delta R.T. 0.005 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

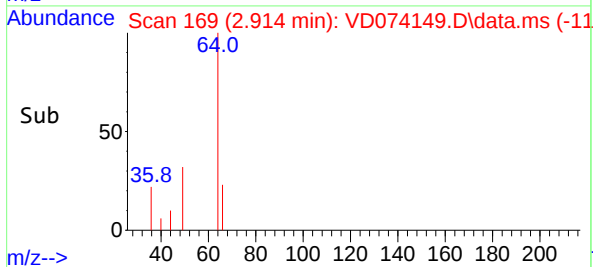
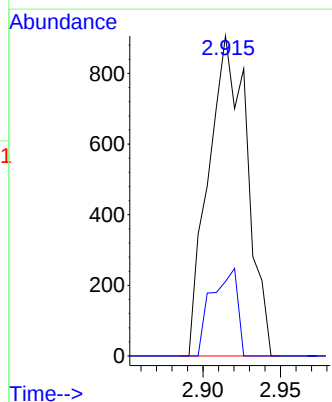
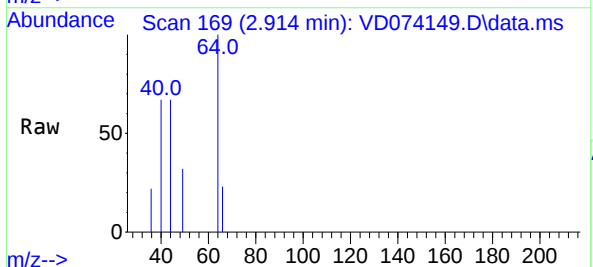
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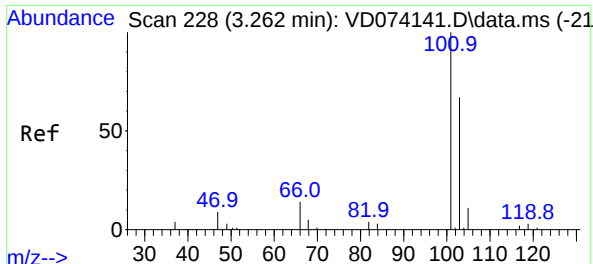
Tgt Ion: 94 Resp: 2431
Ion Ratio Lower Upper
94 100
96 87.3 77.6 116.4



#6
Chloroethane
Concen: 27.118 ug/l
RT: 2.914 min Scan# 169
Delta R.T. -0.001 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion: 64 Resp: 1568
Ion Ratio Lower Upper
64 100
66 23.3 25.9 38.9#

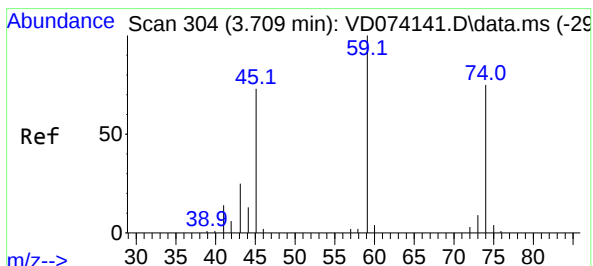
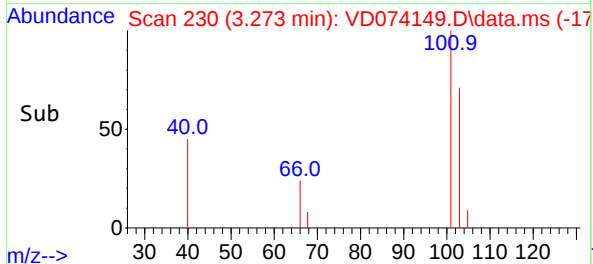
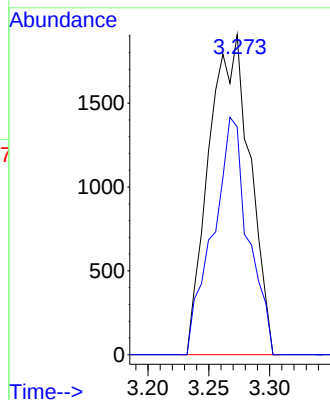
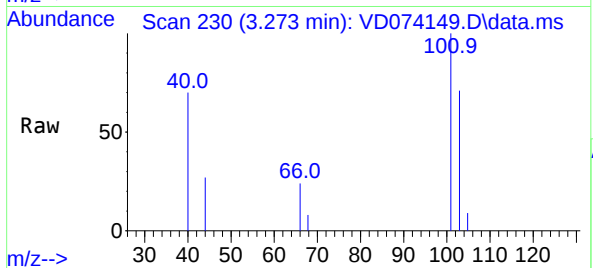




#7
Trichlorofluoromethane
Concen: 20.667 ug/l
RT: 3.273 min Scan# 21
Delta R.T. 0.011 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

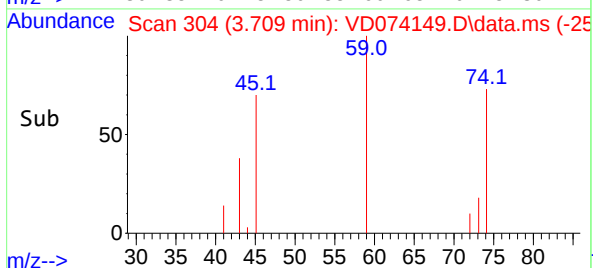
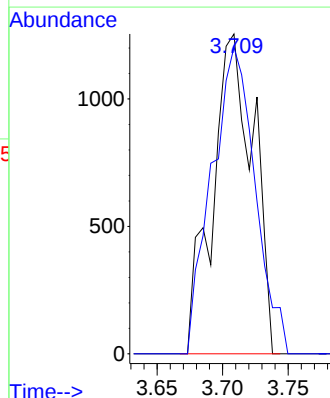
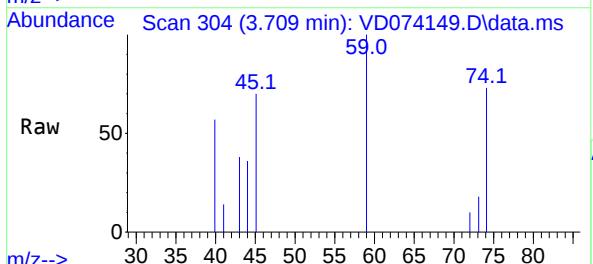
Instrument :
MSVOA_D
ClientSampleId :
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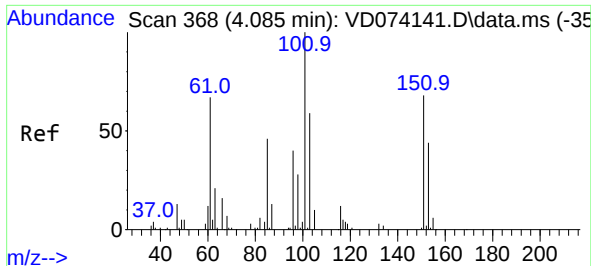
Tgt Ion:101 Resp: 4490
Ion Ratio Lower Upper
101 100
103 71.2 50.1 75.1



#8
Diethyl Ether
Concen: 45.028 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion: 74 Resp: 2730
Ion Ratio Lower Upper
74 100
45 101.6 52.6 157.8

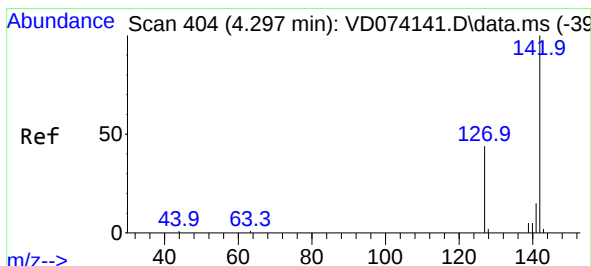
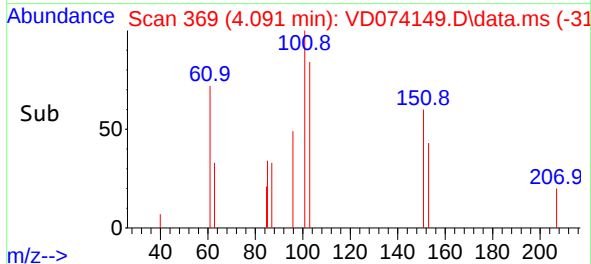
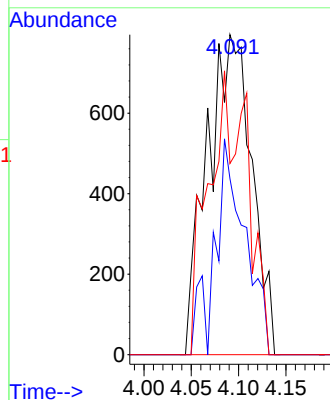
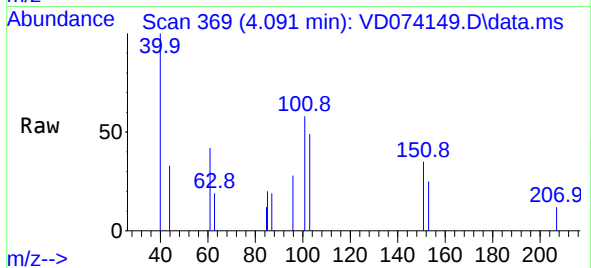




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.454 ug/l
RT: 4.091 min Scan# 30
Delta R.T. 0.006 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

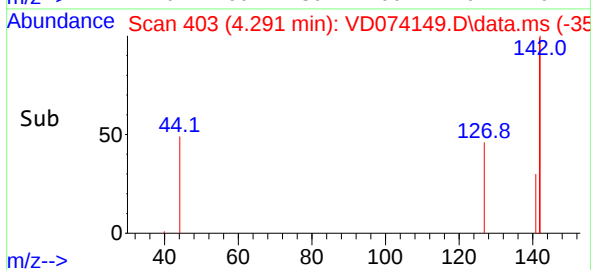
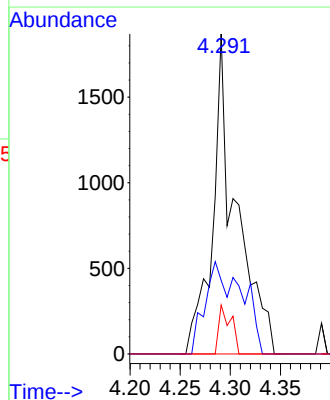
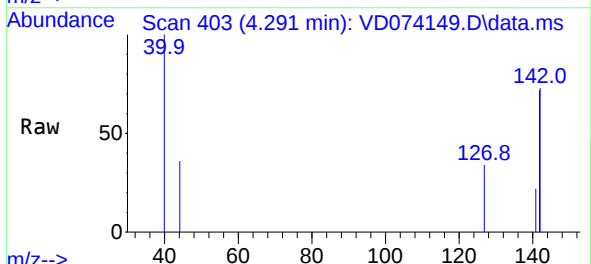
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

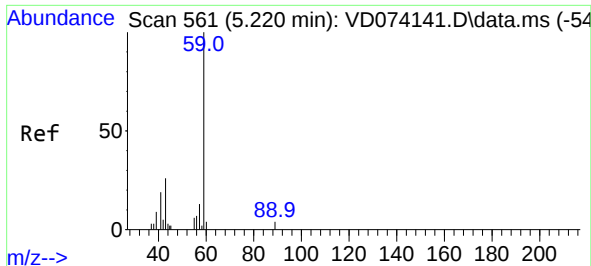
Tgt Ion:101 Resp: 2618
Ion Ratio Lower Upper
101 100
85 40.9 36.4 54.6
151 50.7 57.3 85.9#



#10
Methyl Iodide
Concen: 20.681 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion:142 Resp: 3028
Ion Ratio Lower Upper
142 100
127 25.3 37.3 55.9#
141 7.9 11.7 17.5#

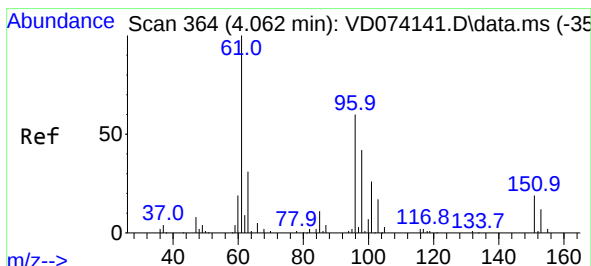
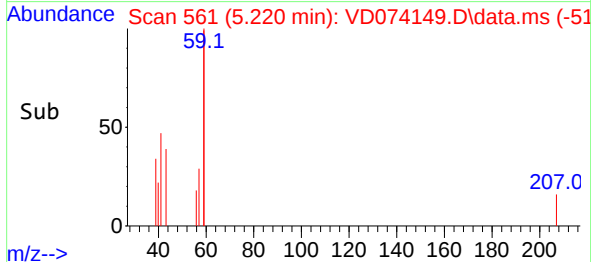
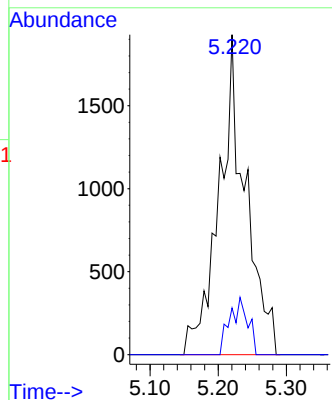
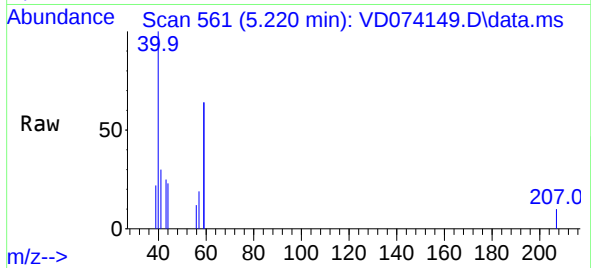




#11
Tert butyl alcohol
Concen: 656.009 ug/l
RT: 5.220 min Scan# 501
Delta R.T. 0.000 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

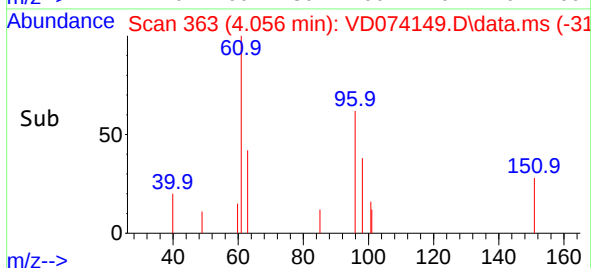
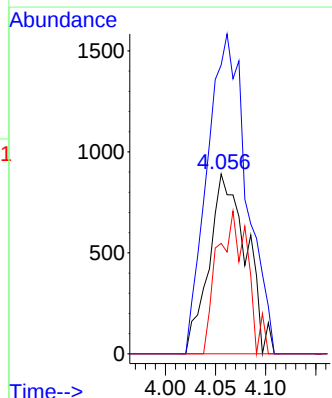
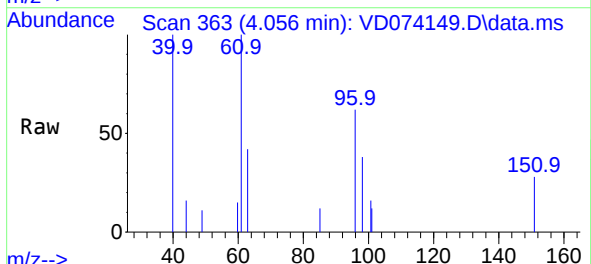
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

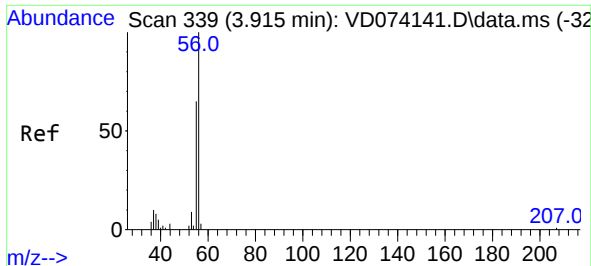
Tgt Ion: 59 Resp: 5217
Ion Ratio Lower Upper
59 100
57 12.2 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 19.043 ug/l
RT: 4.056 min Scan# 363
Delta R.T. -0.006 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion: 96 Resp: 2297
Ion Ratio Lower Upper
96 100
61 160.5 138.5 207.7
98 61.4 48.6 73.0

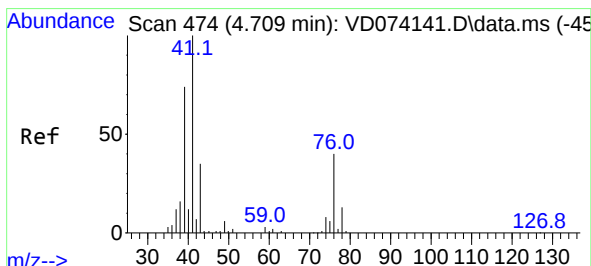
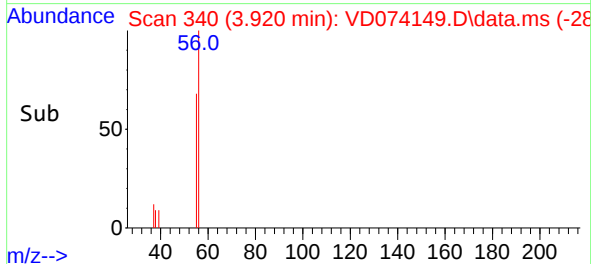
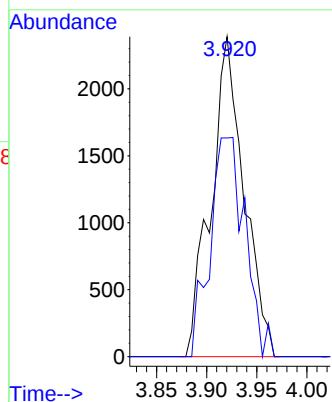
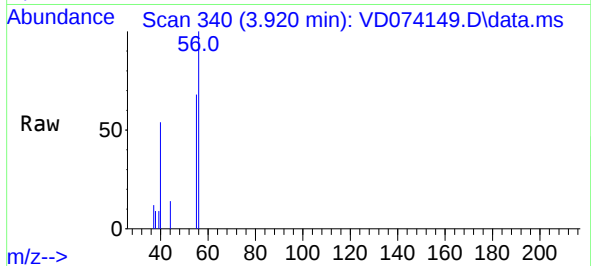




#13
Acrolein
Concen: 528.487 ug/l
RT: 3.920 min Scan# 34
Delta R.T. 0.005 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

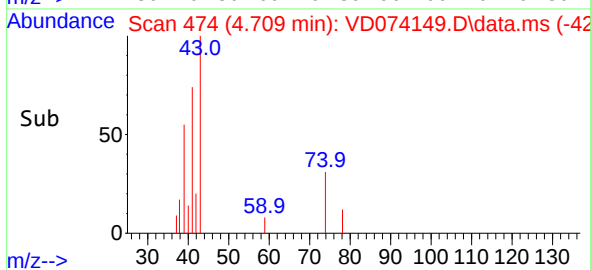
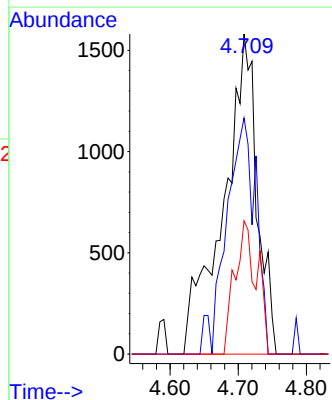
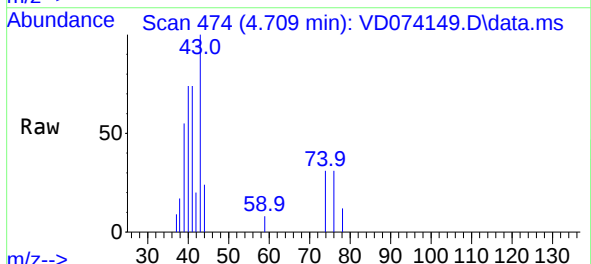
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

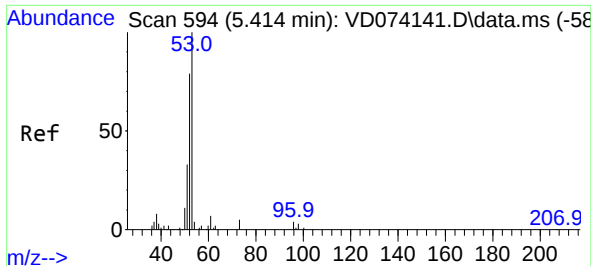
Tgt Ion: 56 Resp: 5472
Ion Ratio Lower Upper
56 100
55 72.6 57.1 85.7



#14
Allyl chloride
Concen: 27.488 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.000 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion: 41 Resp: 5456
Ion Ratio Lower Upper
41 100
39 64.3 59.3 88.9
76 26.9 25.7 38.5

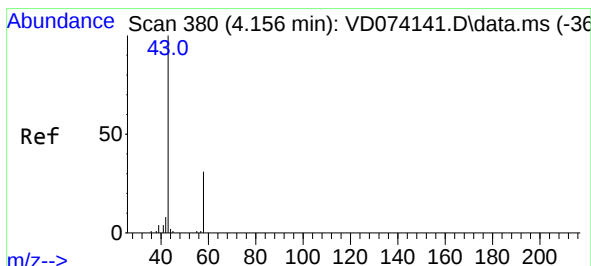
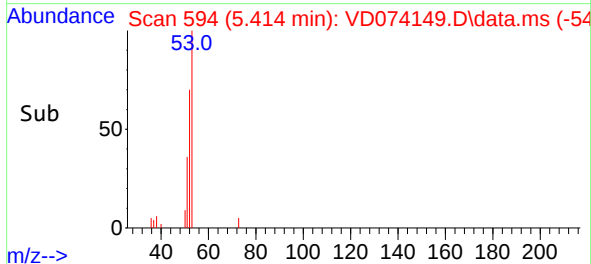
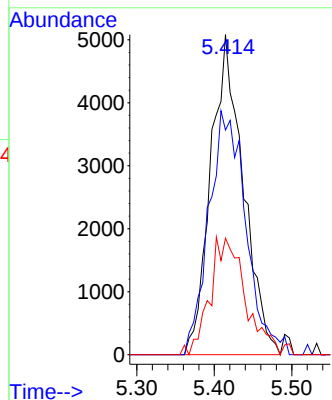
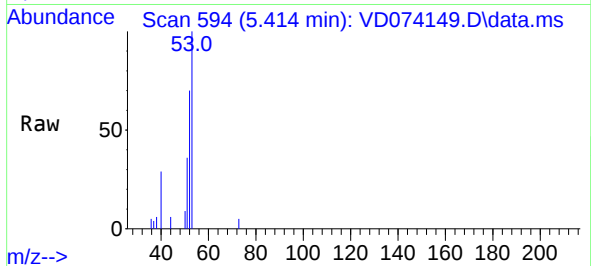




#15
Acrylonitrile
Concen: 506.032 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

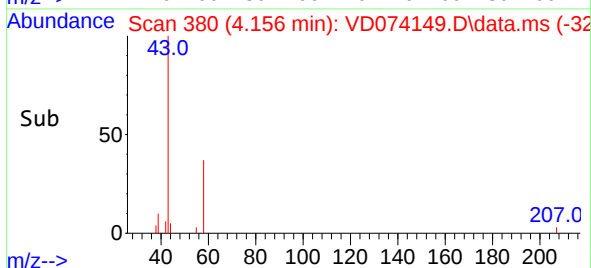
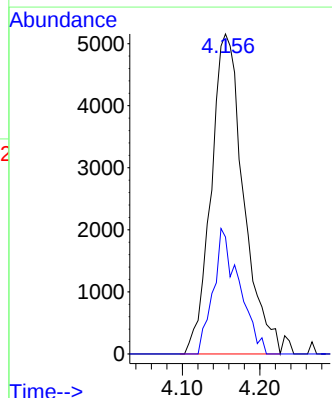
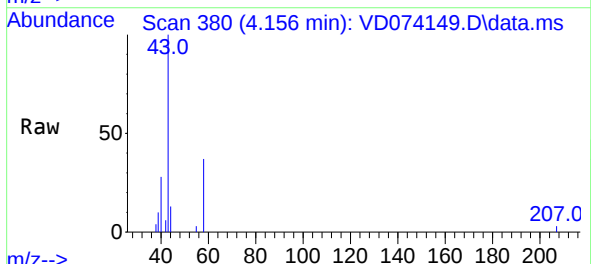
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

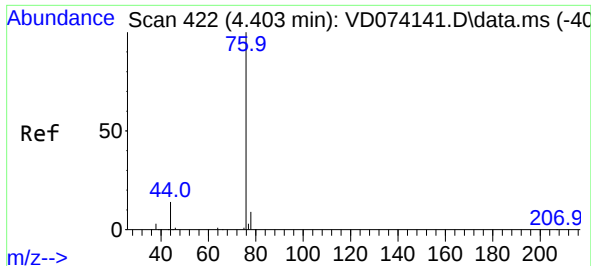
Tgt Ion:	53	Resp:	14818
Ion	Ratio	Lower	Upper
53	100		
52	86.9	67.2	100.8
51	39.8	30.3	45.5



#16
Acetone
Concen: 619.778 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion:	43	Resp:	14983
Ion	Ratio	Lower	Upper
43	100		
58	36.5	22.1	33.1#

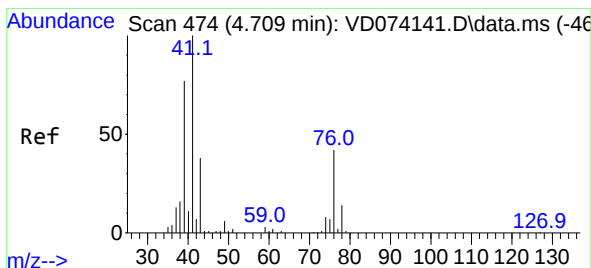
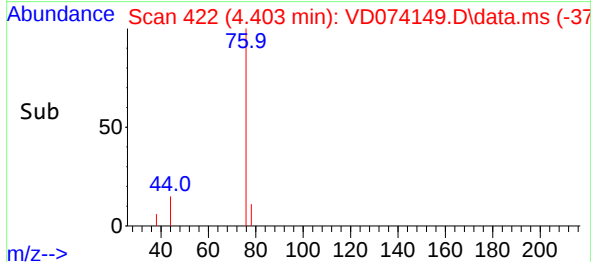
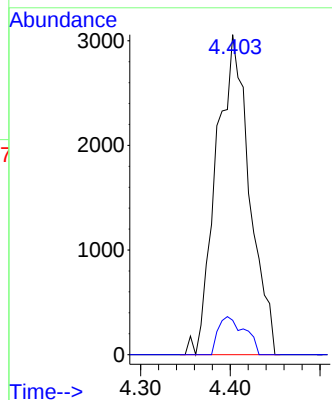
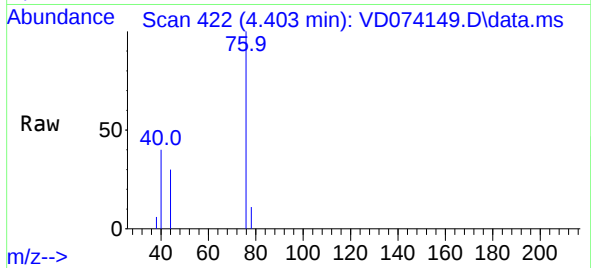




#17
Carbon Disulfide
Concen: 19.487 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

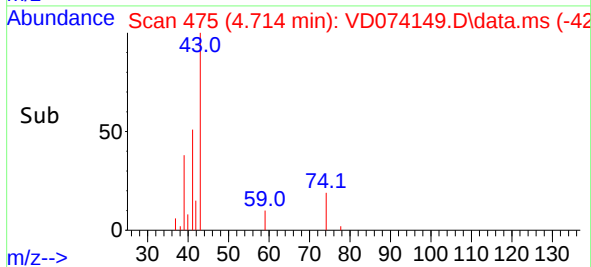
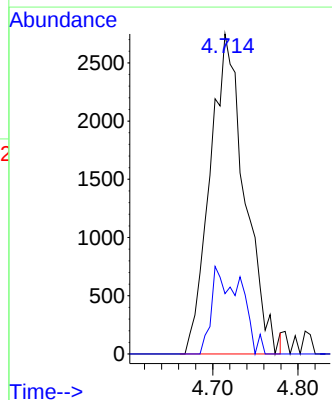
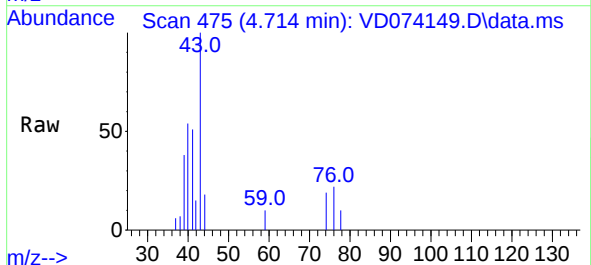
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

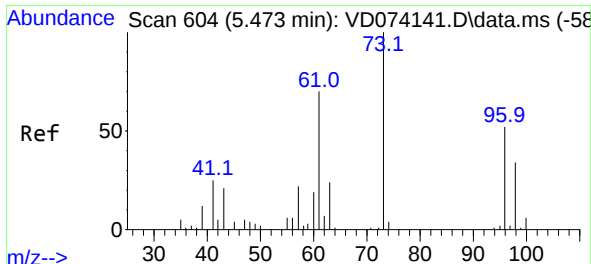
Tgt Ion: 76 Resp: 7895
Ion Ratio Lower Upper
76 100
78 10.8 7.5 11.3



#18
Methyl Acetate
Concen: 103.431 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.005 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion: 43 Resp: 7813
Ion Ratio Lower Upper
43 100
74 15.4 16.7 25.1#





#19

Methyl tert-butyl Ether

Concen: 47.455 ug/l

RT: 5.467 min Scan# 604

Delta R.T. -0.006 min

Lab File: VD074149.D

Acq: 19 Aug 2022 15:30

Instrument :

MSVOA_D

ClientSampleId :

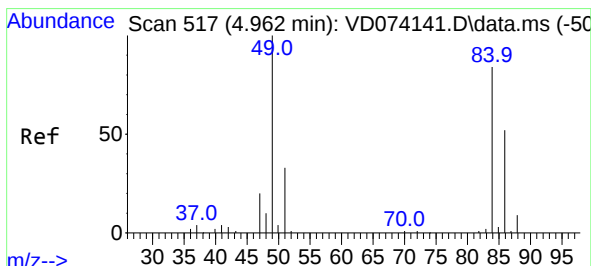
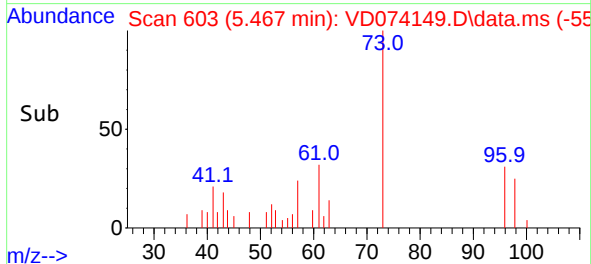
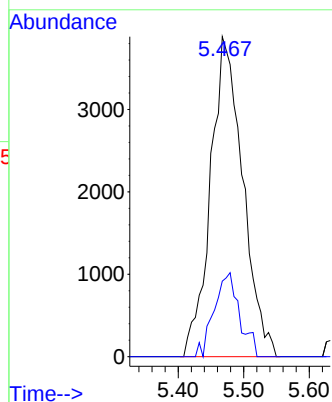
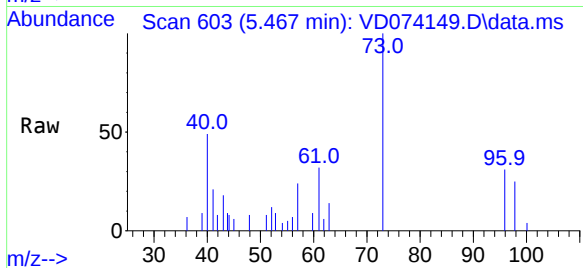
VD0819SBS01

Tgt Ion: 73 Resp: 13261

Ion Ratio Lower Upper

73 100

57 23.6 18.0 27.0



#20

Methylene Chloride

Concen: 35.015 ug/l

RT: 4.956 min Scan# 516

Delta R.T. -0.006 min

Lab File: VD074149.D

Acq: 19 Aug 2022 15:30

Tgt Ion: 84 Resp: 6394

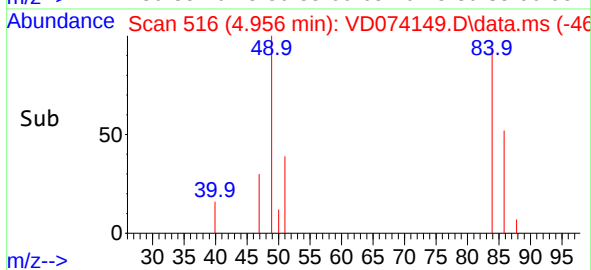
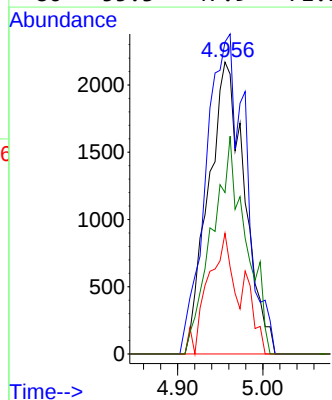
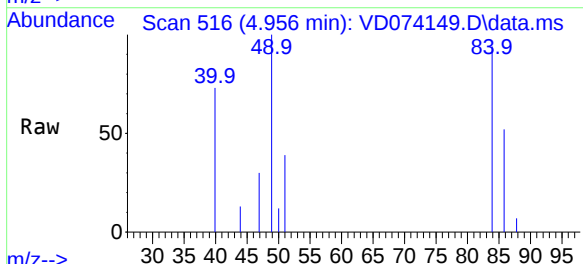
Ion Ratio Lower Upper

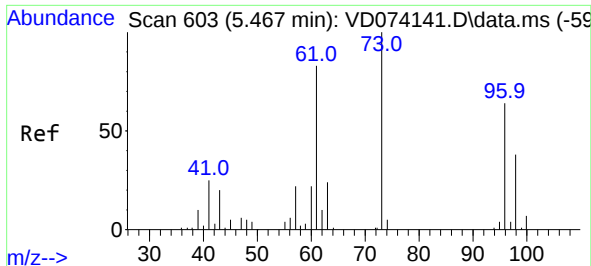
84 100

49 106.9 112.8 169.2#

51 41.3 32.6 48.8

86 55.3 47.9 71.9

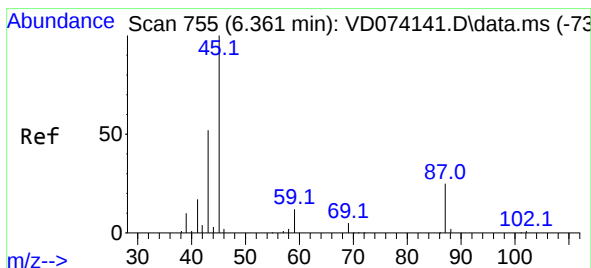
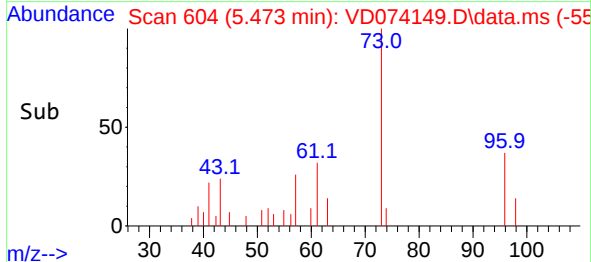
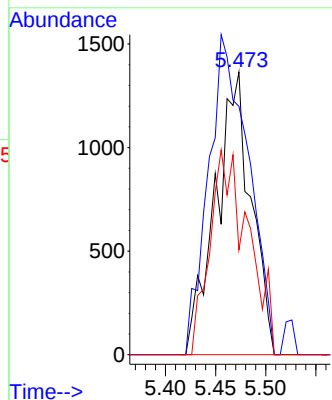
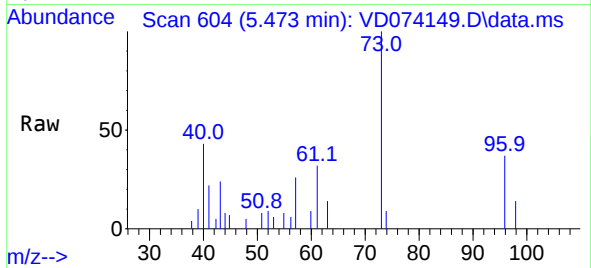




#21
trans-1,2-Dichloroethene
Concen: 24.114 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

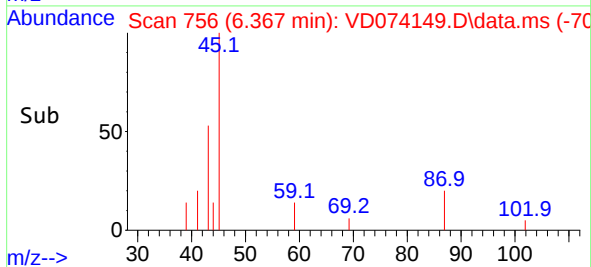
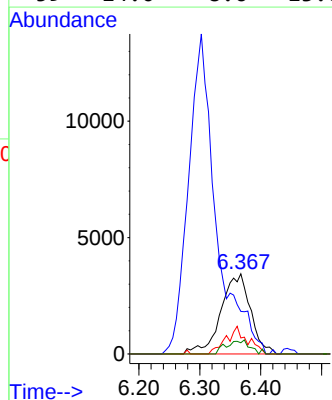
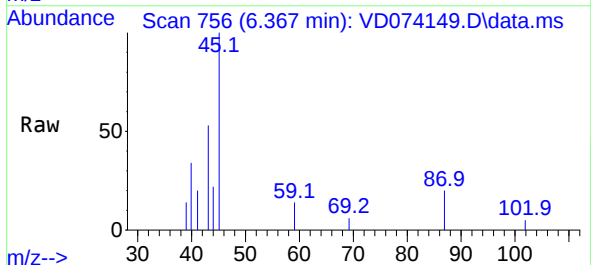
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

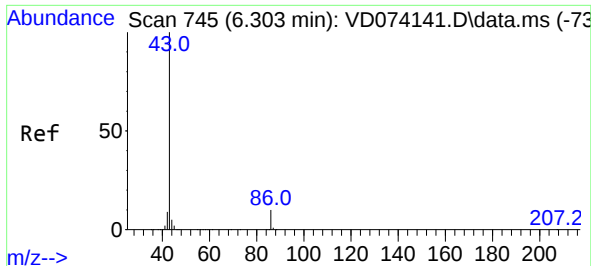
Tgt Ion: 96 Resp: 3371
Ion Ratio Lower Upper
96 100
61 87.9 117.9 176.9#
98 37.1 49.4 74.2#



#22
Diisopropyl ether
Concen: 29.436 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.006 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion: 45 Resp: 11597
Ion Ratio Lower Upper
45 100
43 53.0 46.6 70.0
87 20.0 18.4 27.6
59 14.0 8.6 13.0#

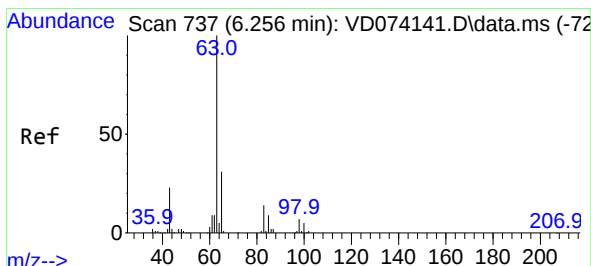
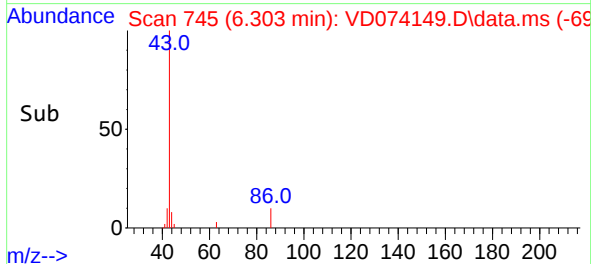
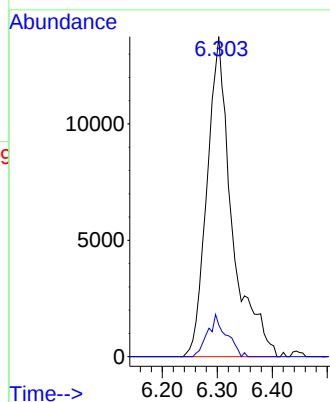
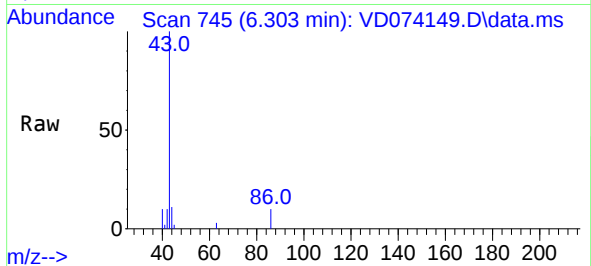




#23
 Vinyl Acetate
 Concen: 197.880 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD074149.D
 Acq: 19 Aug 2022 15:30

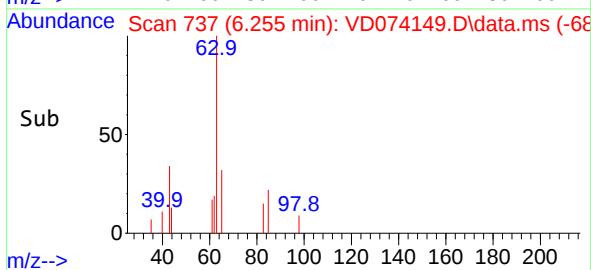
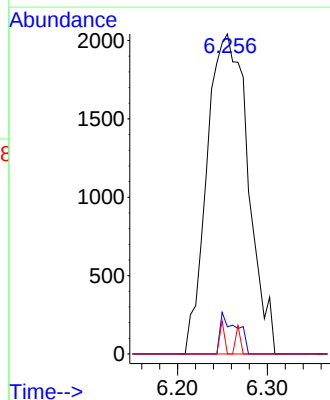
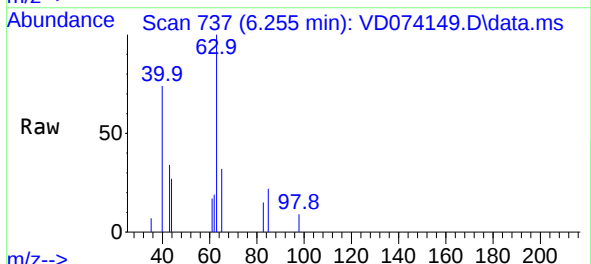
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0819SBS01

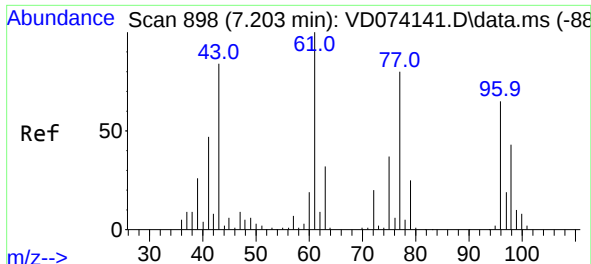
Tgt Ion: 43 Resp: 43459
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 25.987 ug/l
 RT: 6.255 min Scan# 737
 Delta R.T. -0.001 min
 Lab File: VD074149.D
 Acq: 19 Aug 2022 15:30

Tgt Ion: 63 Resp: 6481
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.6 10.9
 100 0.0 2.1 6.5

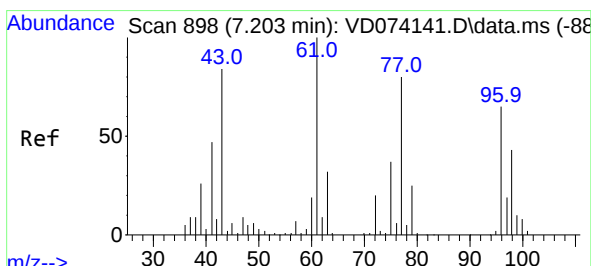
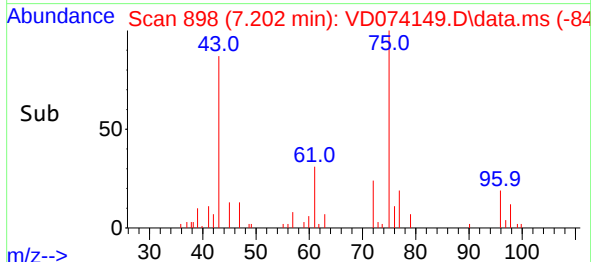
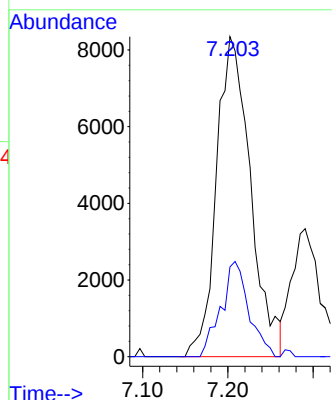
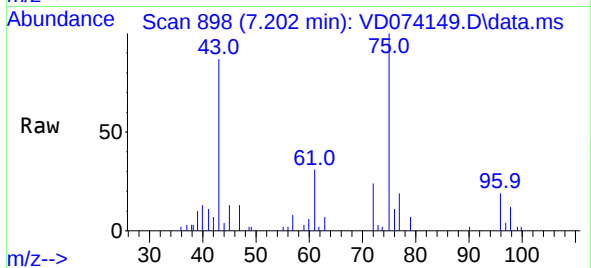




#25
2-Butanone
Concen: 585.630 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.001 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

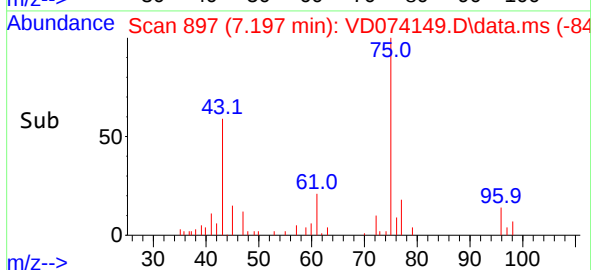
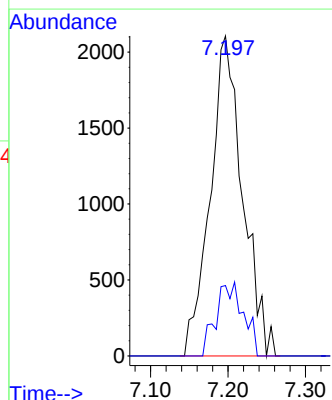
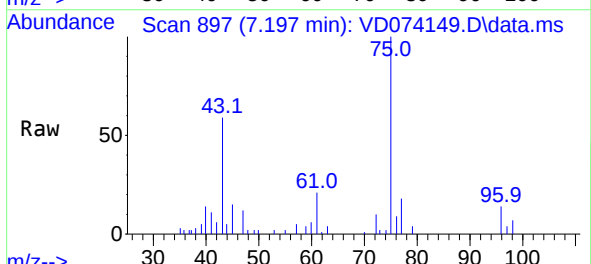
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

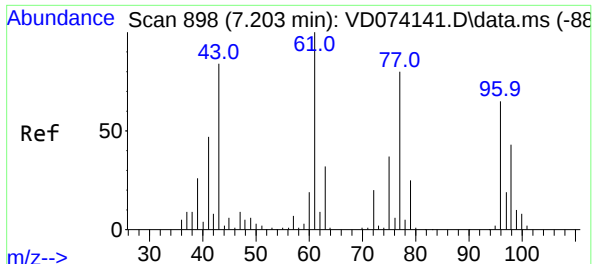
Tgt Ion: 43 Resp: 23101
Ion Ratio Lower Upper
43 100
72 28.1 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 28.566 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.006 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion: 77 Resp: 6114
Ion Ratio Lower Upper
77 100
97 19.5 10.8 32.4

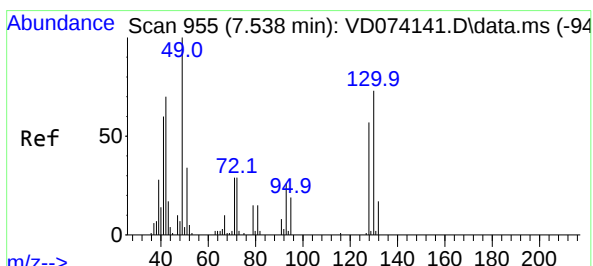
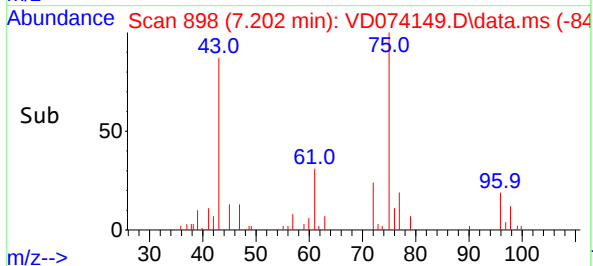
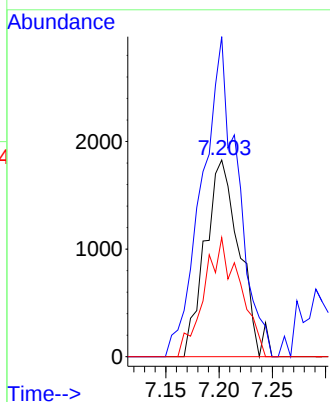
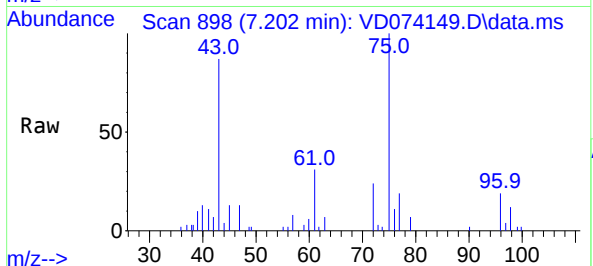




#27
cis-1,2-Dichloroethene
Concen: 27.412 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.001 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

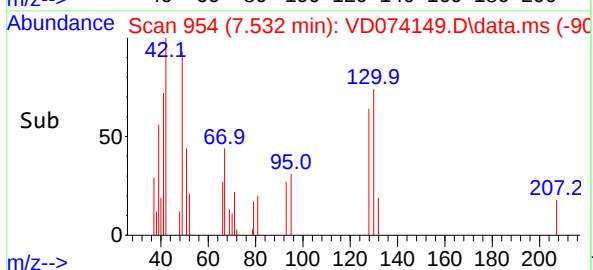
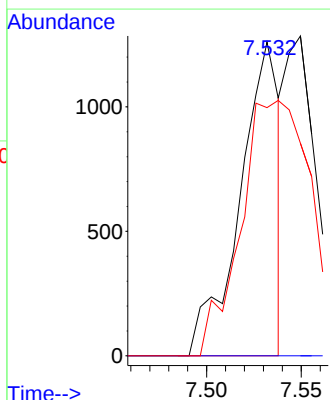
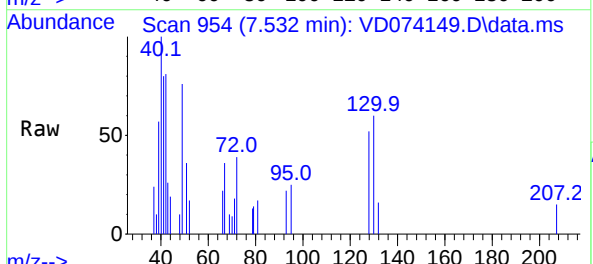
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

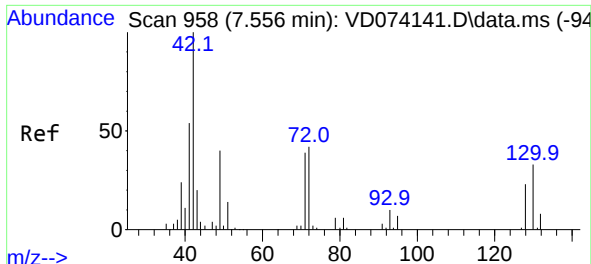
Tgt Ion: 96	Resp: 4107		
Ion	Ratio	Lower	Upper
96	100		
61	169.1	0.0	313.8
98	63.3	0.0	128.8



#28
Bromochloromethane
Concen: 23.131 ug/l
RT: 7.532 min Scan# 954
Delta R.T. -0.006 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion: 49	Resp: 1837
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 4.0
130 146.4	52.6 79.0#

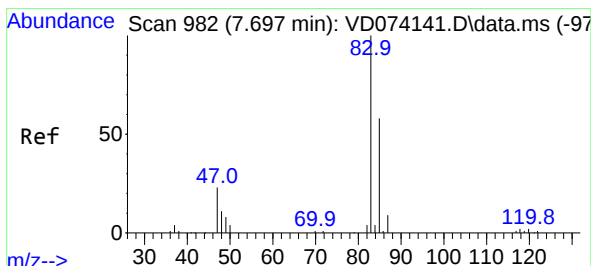
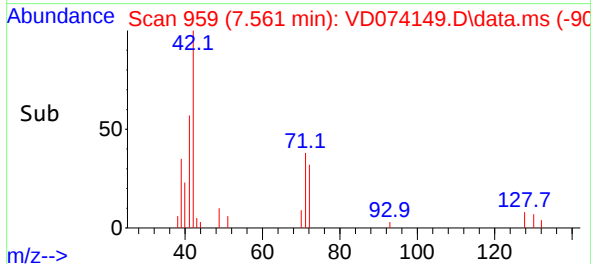
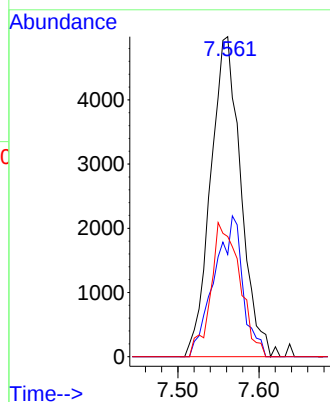
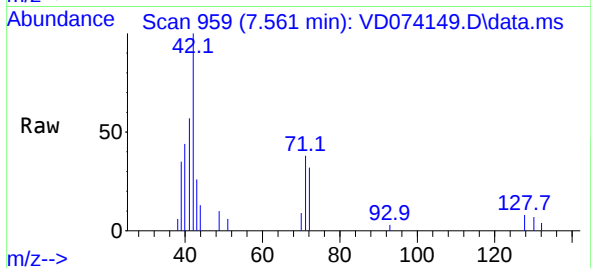




#29
Tetrahydrofuran
Concen: 538.343 ug/l
RT: 7.561 min Scan# 91
Delta R.T. 0.005 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

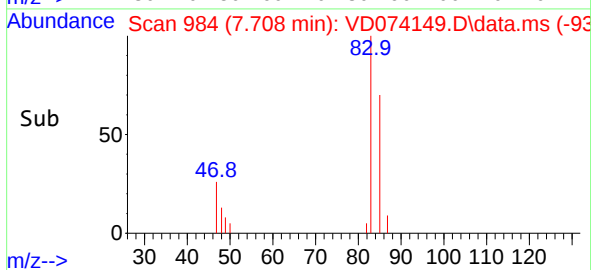
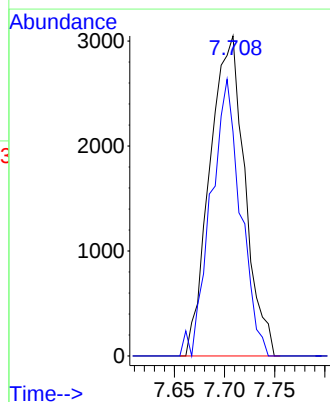
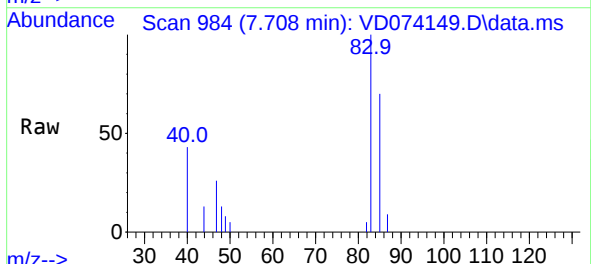
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

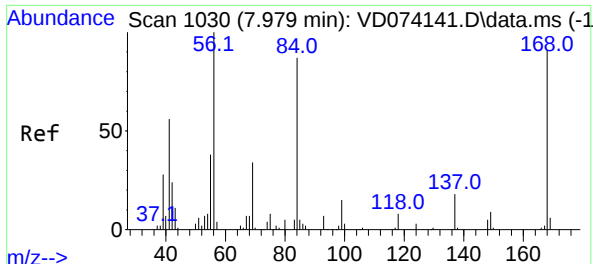
Tgt Ion: 42 Resp: 12879
Ion Ratio Lower Upper
42 100
72 41.6 30.7 46.1
71 40.2 28.6 43.0



#30
Chloroform
Concen: 28.763 ug/l
RT: 7.708 min Scan# 984
Delta R.T. 0.011 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

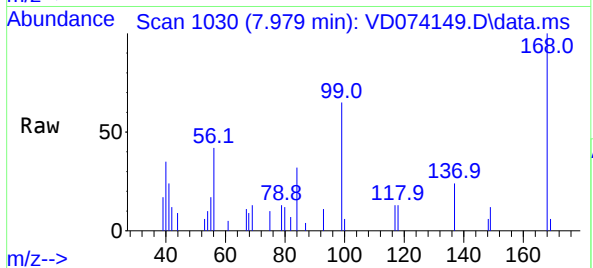
Tgt Ion: 83 Resp: 7400
Ion Ratio Lower Upper
83 100
85 70.0 52.7 79.1



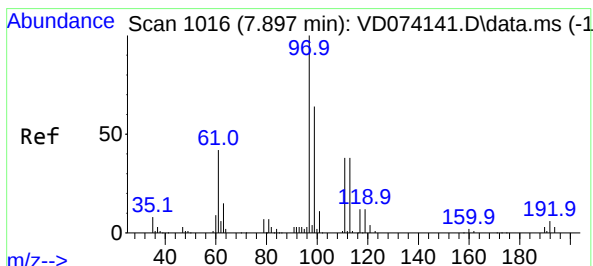
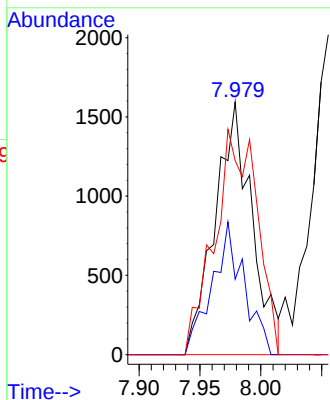
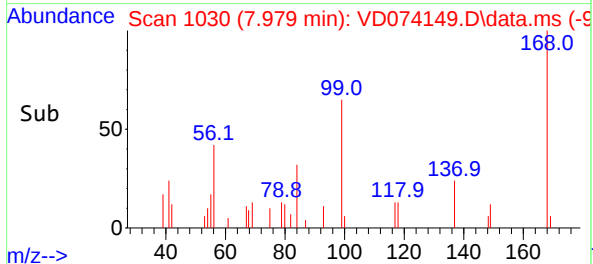


#31
Cyclohexane
Concen: 14.270 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

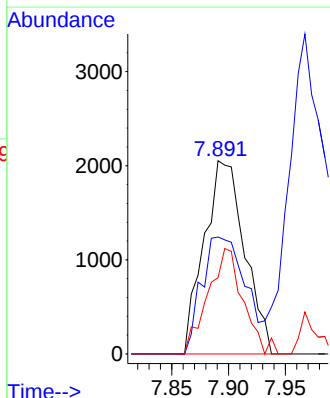
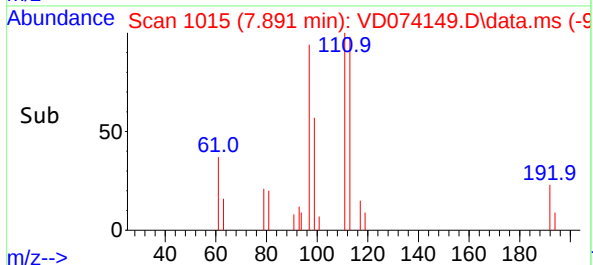
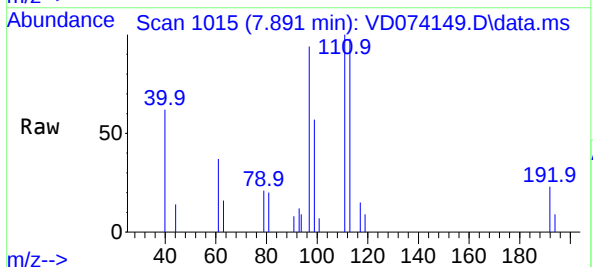


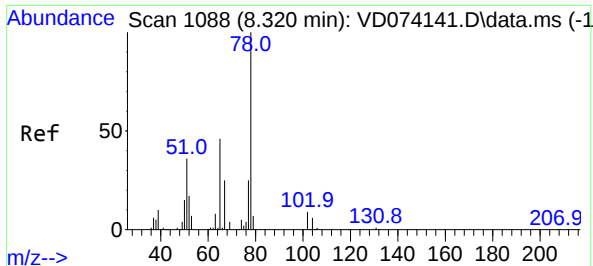
Tgt Ion: 56 Resp: 3391
Ion Ratio Lower Upper
56 100
69 29.8 25.4 38.2
84 76.7 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 22.292 ug/l
RT: 7.891 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion: 97 Resp: 5103
Ion Ratio Lower Upper
97 100
99 66.5 52.4 78.6
61 47.2 38.0 57.0

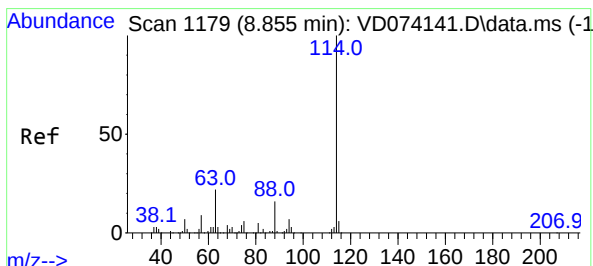
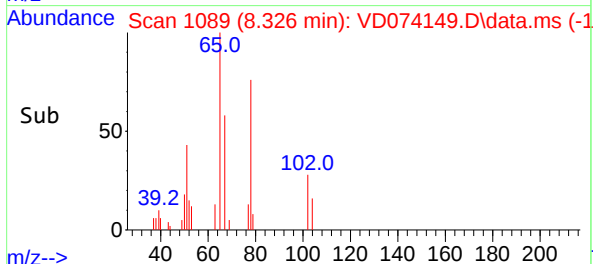
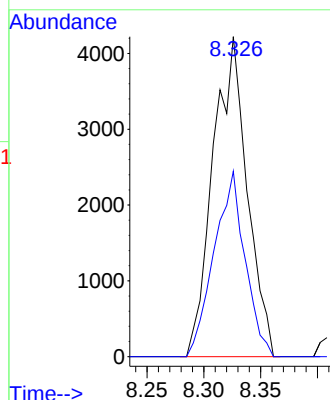
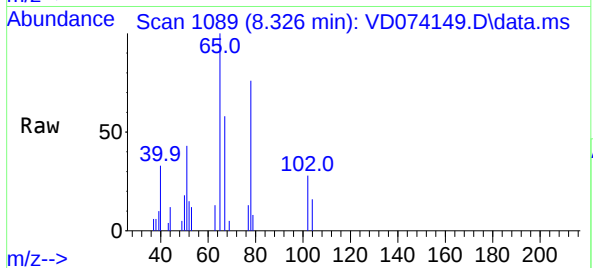




#33
 1,2-Dichloroethane-d4
 Concen: 113.201 ug/l
 RT: 8.326 min Scan# 1088
 Delta R.T. 0.006 min
 Lab File: VD074149.D
 Acq: 19 Aug 2022 15:30

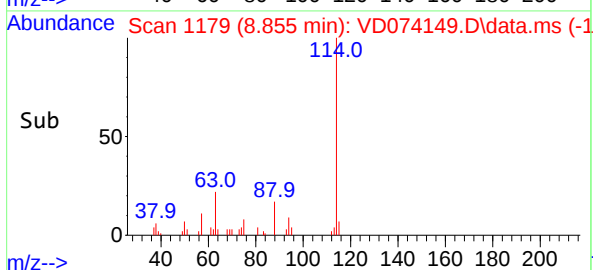
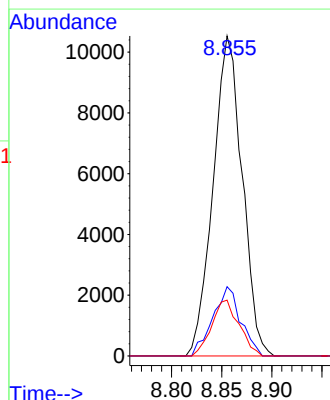
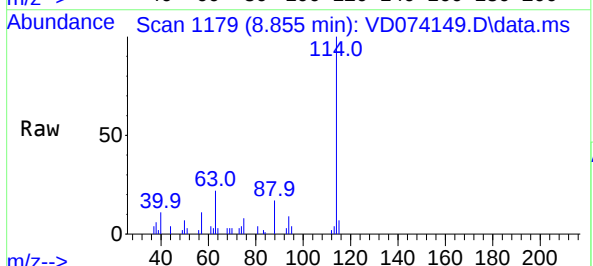
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0819SBS01

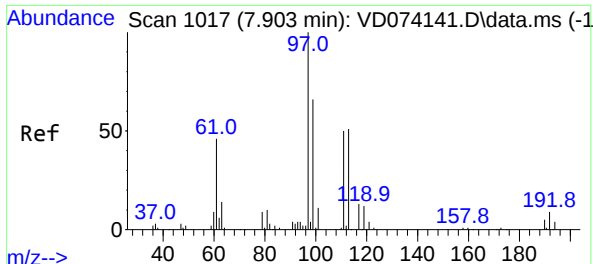
Tgt Ion: 65 Resp: 8811
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: VD074149.D
 Acq: 19 Aug 2022 15:30

Tgt Ion: 114 Resp: 21241
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 46.6
 88 17.4 0.0 33.2

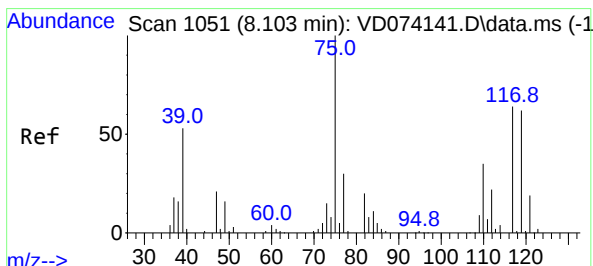
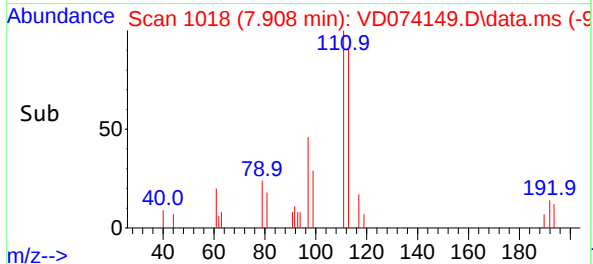
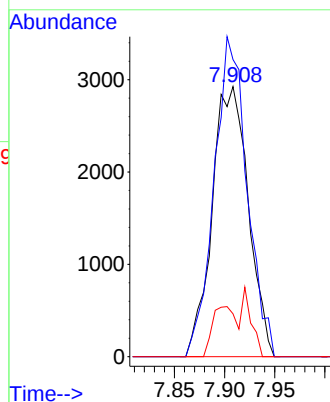
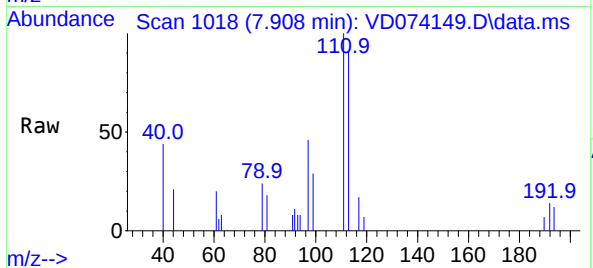




#35
Dibromofluoromethane
Concen: 72.522 ug/l
RT: 7.908 min Scan# 1017
Delta R.T. 0.005 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

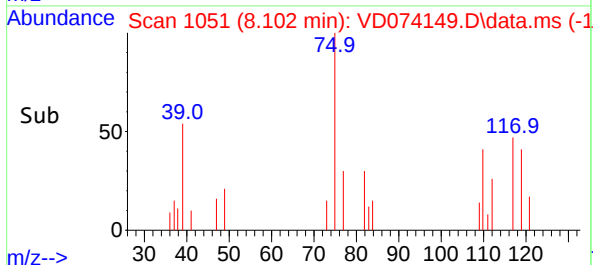
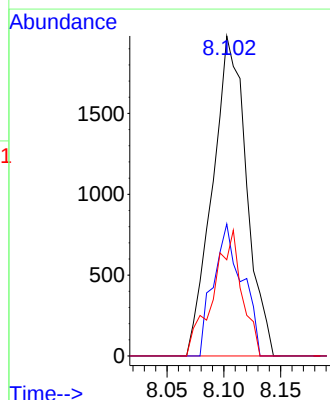
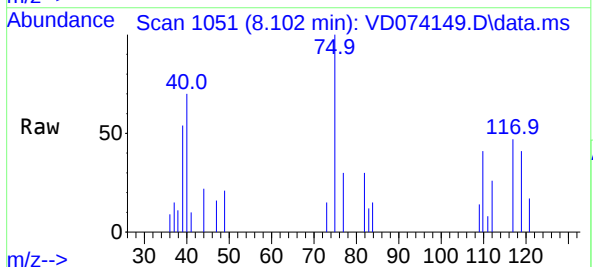
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

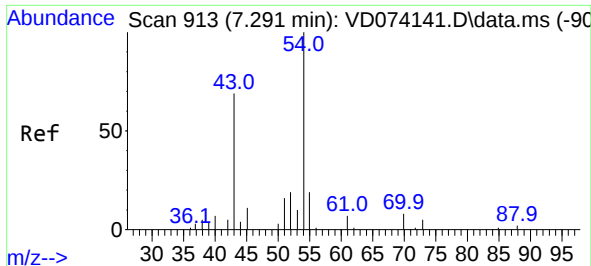
Tgt Ion:113 Resp: 7356
Ion Ratio Lower Upper
113 100
111 107.5 83.8 125.6
192 12.2 14.6 21.8#



#36
1,1-Dichloropropene
Concen: 18.949 ug/l
RT: 8.102 min Scan# 1051
Delta R.T. -0.001 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion: 75 Resp: 4120
Ion Ratio Lower Upper
75 100
110 35.0 16.4 49.1
77 33.3 24.2 36.2

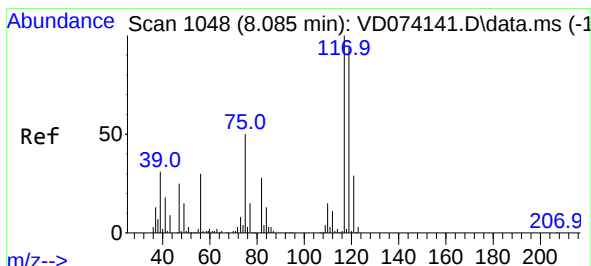
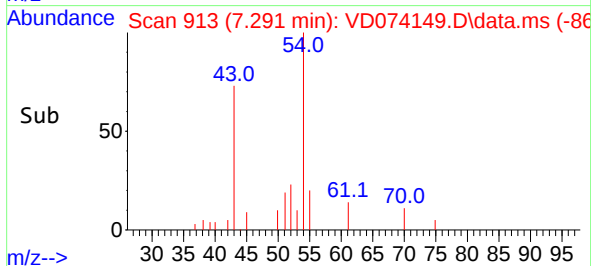
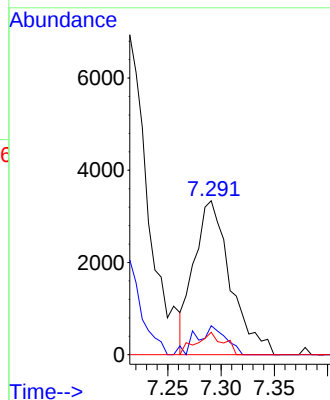
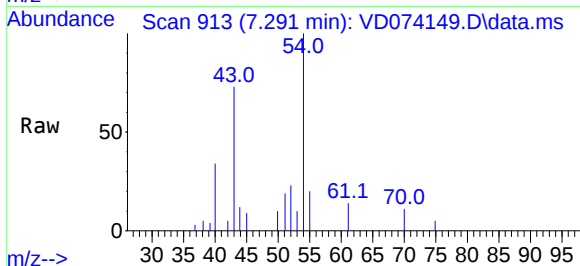




#37
Ethyl Acetate
Concen: 81.635 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.000 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

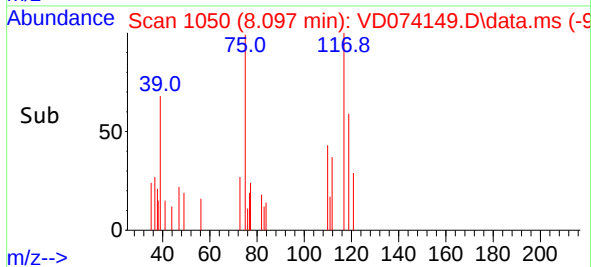
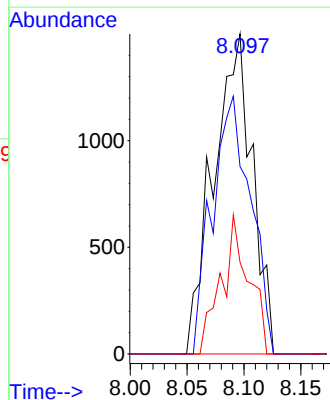
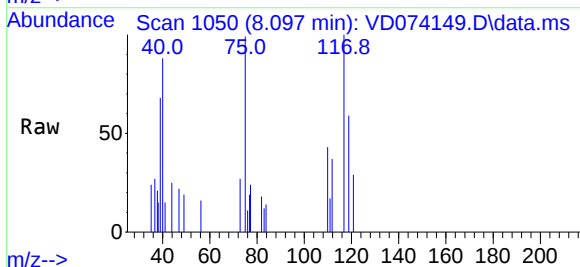
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

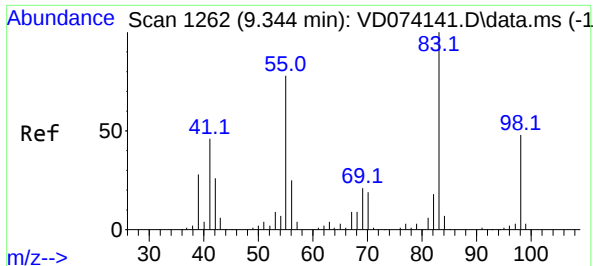
Tgt Ion: 43 Resp: 7954
Ion Ratio Lower Upper
43 100
61 15.0 9.8 14.8#
70 10.7 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 16.543 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.012 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion: 117 Resp: 3557
Ion Ratio Lower Upper
117 100
119 58.5 75.8 113.6#
121 28.7 24.5 36.7





#39

Methylcyclohexane

Concen: 13.846 ug/l

RT: 9.344 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074149.D

Acq: 19 Aug 2022 15:30

Instrument :

MSVOA_D

ClientSampleId :

VD0819SBS01

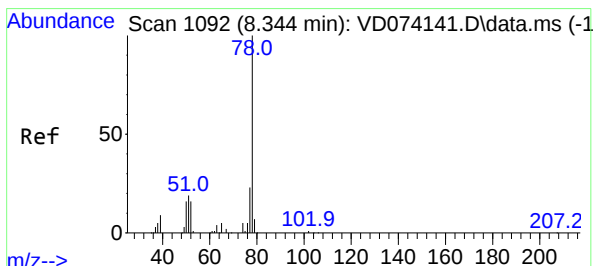
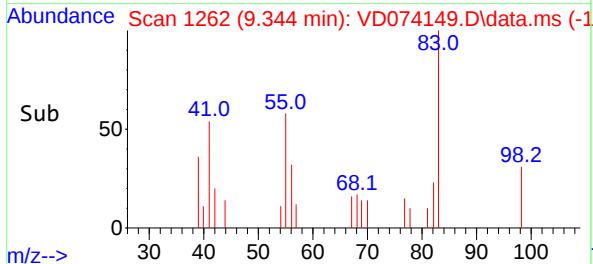
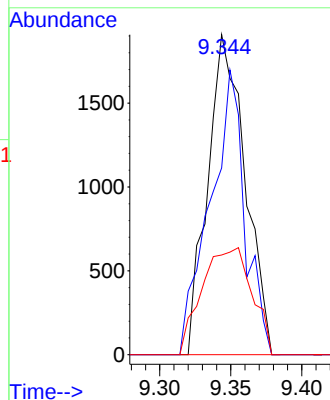
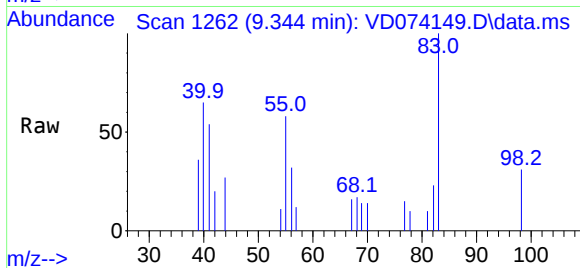
Tgt Ion: 83 Resp: 3509

Ion Ratio Lower Upper

83 100

55 58.3 63.2 94.8#

98 31.2 38.2 57.4#



#40

Benzene

Concen: 22.183 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD074149.D

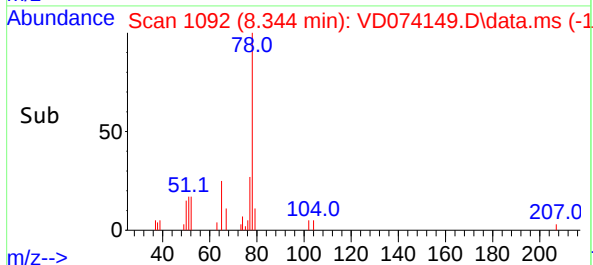
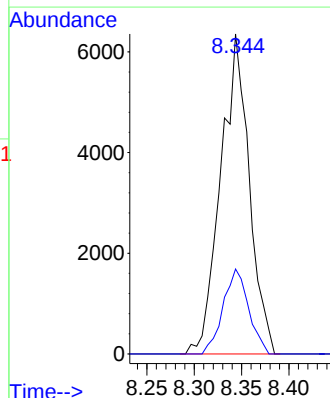
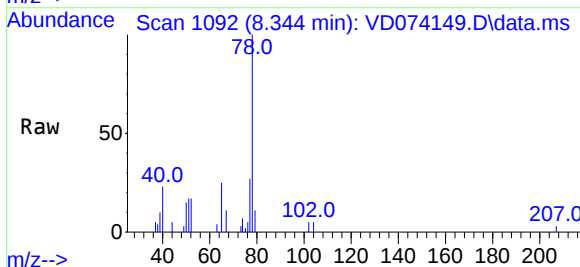
Acq: 19 Aug 2022 15:30

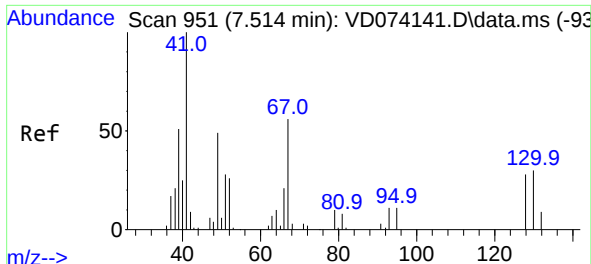
Tgt Ion: 78 Resp: 13318

Ion Ratio Lower Upper

78 100

77 26.5 19.1 28.7

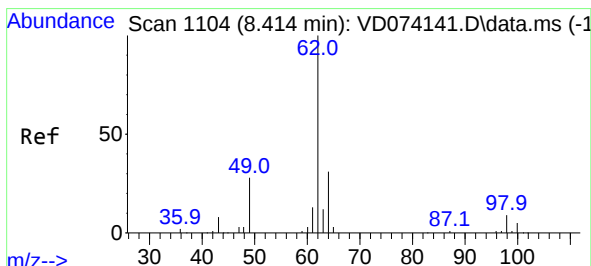
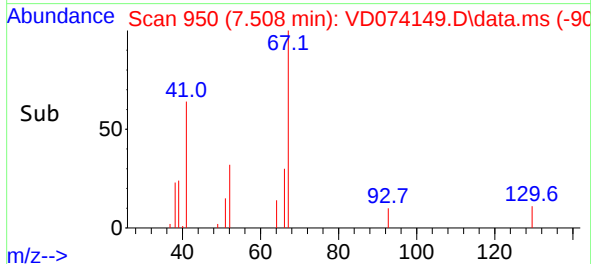
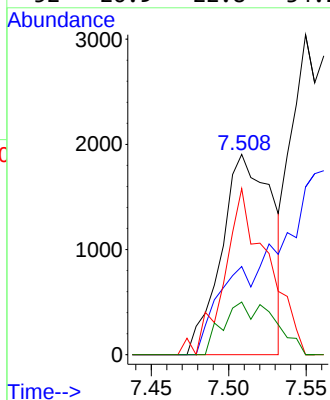
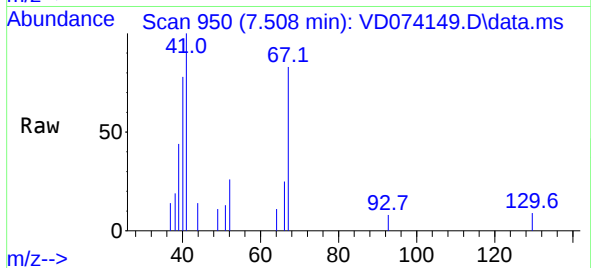




#41
Methacrylonitrile
Concen: 86.322 ug/l
RT: 7.508 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

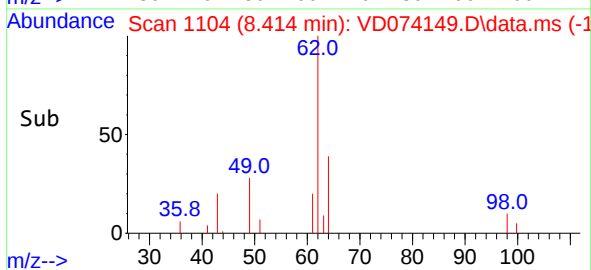
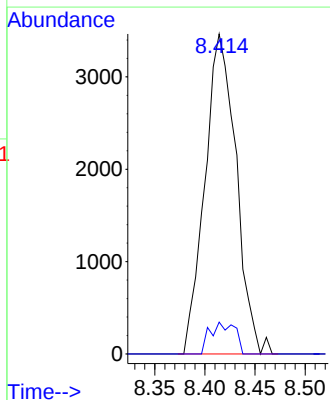
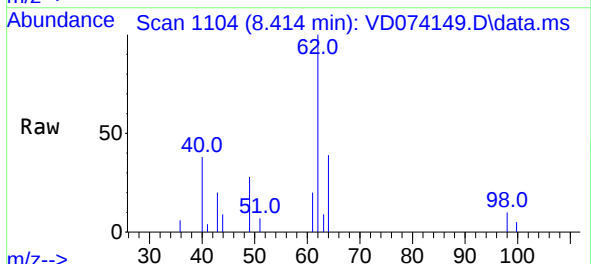
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

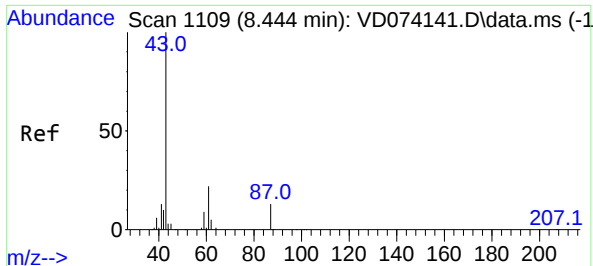
Tgt Ion:	41	Resp:	4328
Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.6	67.0#
67	71.4	48.2	72.4
52	26.9	22.8	34.2



#42
1,2-Dichloroethane
Concen: 42.104 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion:	62	Resp:	7518
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	17.6

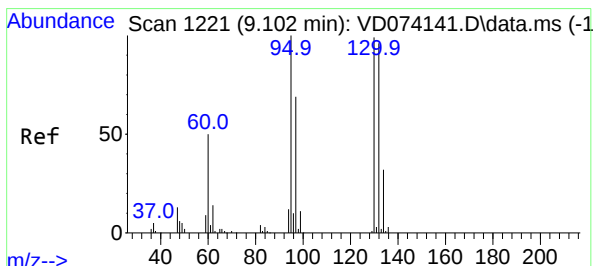
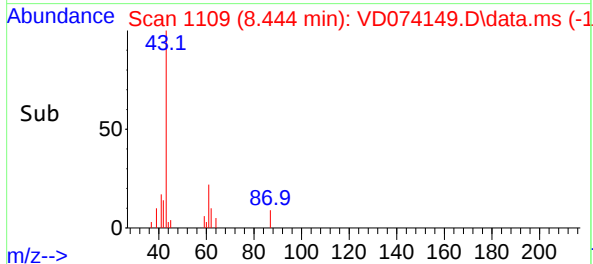
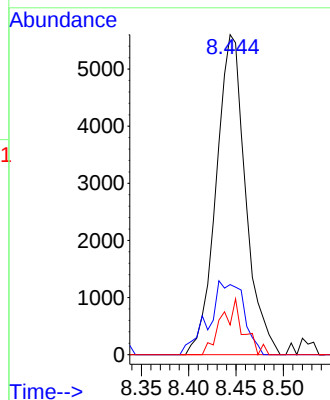
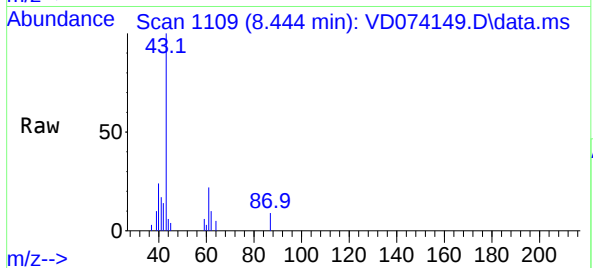




#43
Isopropyl Acetate
Concen: 67.020 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

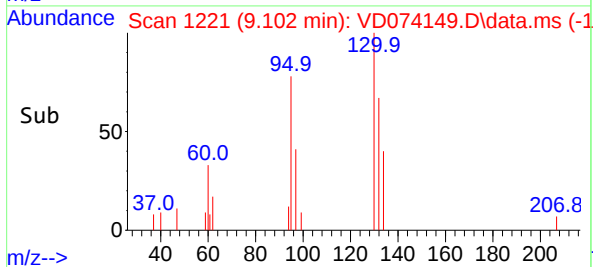
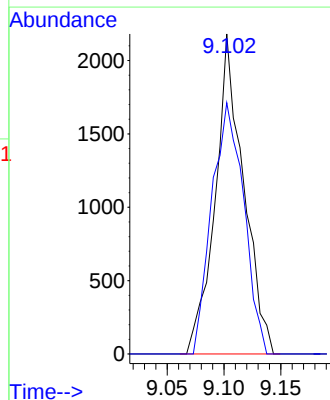
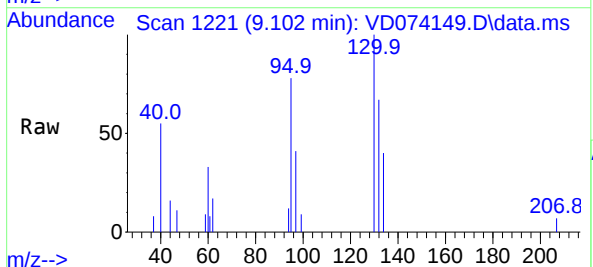
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

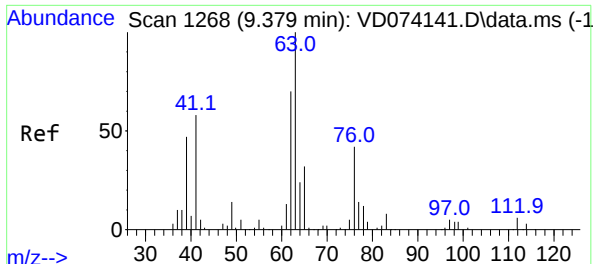
Tgt Ion: 43 Resp: 12093
Ion Ratio Lower Upper
43 100
61 27.4 22.4 33.6
87 13.1 8.7 13.1#



#44
Trichloroethene
Concen: 23.332 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. 0.000 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion:130 Resp: 3783
Ion Ratio Lower Upper
130 100
95 78.5 0.0 205.4





#45

1,2-Dichloropropane

Concen: 26.225 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD074149.D

Acq: 19 Aug 2022 15:30

Instrument :

MSVOA_D

ClientSampleId :

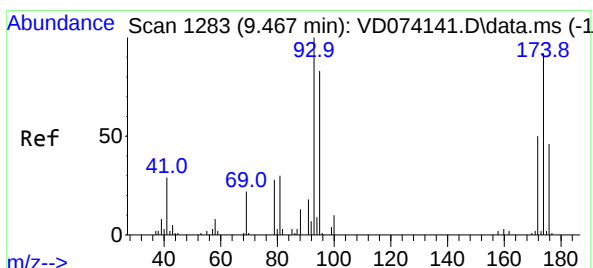
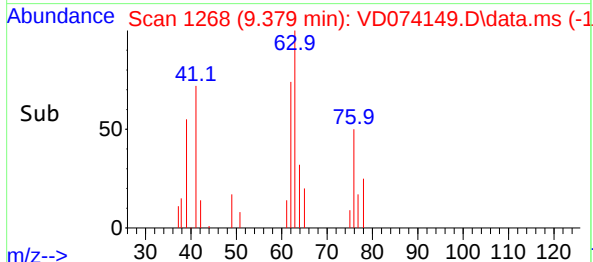
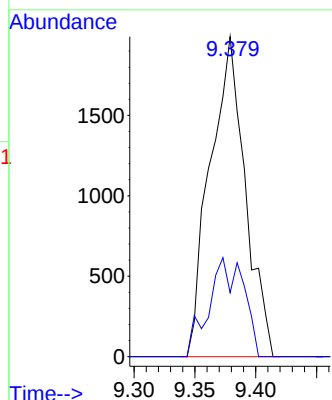
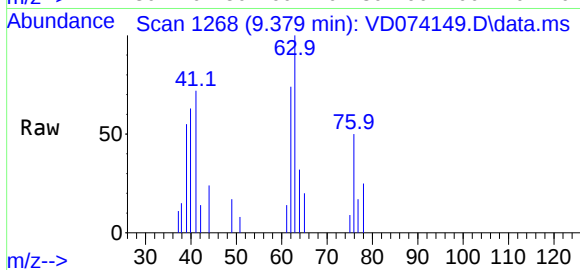
VD0819SBS01

Tgt Ion: 63 Resp: 3989

Ion Ratio Lower Upper

63 100

65 20.0 26.2 39.4#



#46

Dibromomethane

Concen: 44.014 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD074149.D

Acq: 19 Aug 2022 15:30

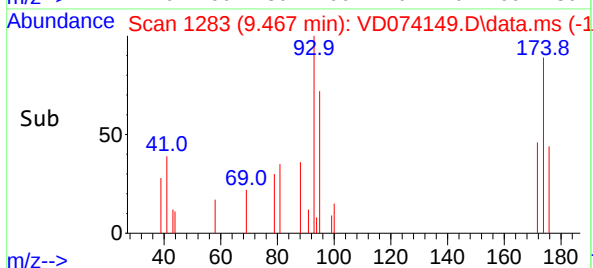
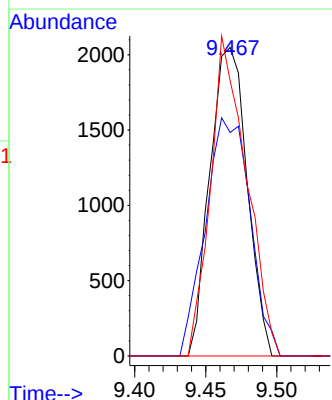
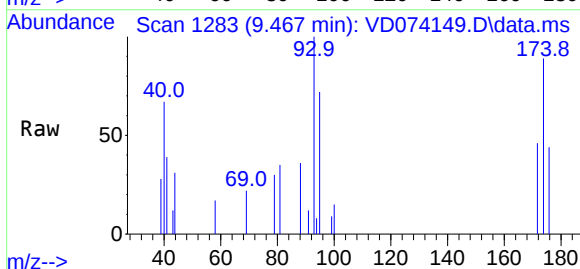
Tgt Ion: 93 Resp: 3733

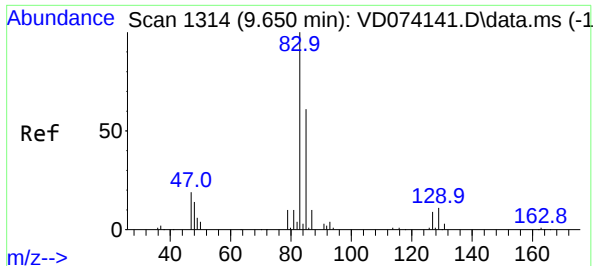
Ion Ratio Lower Upper

93 100

95 92.7 66.7 100.1

174 100.0 71.6 107.4

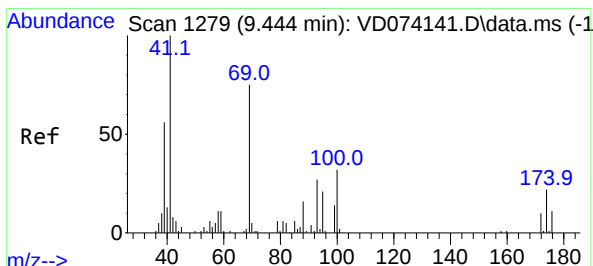
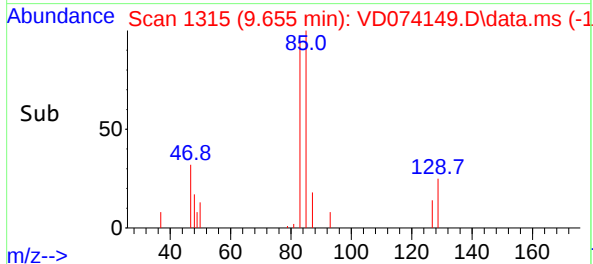
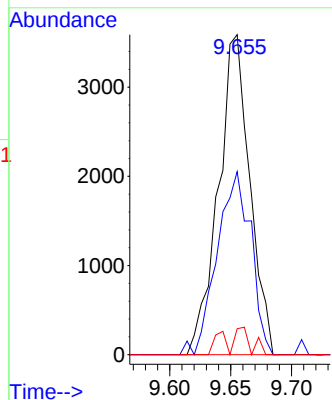
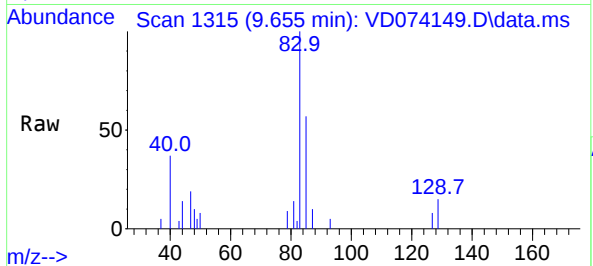




#47
Bromodichloromethane
Concen: 30.107 ug/l
RT: 9.655 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

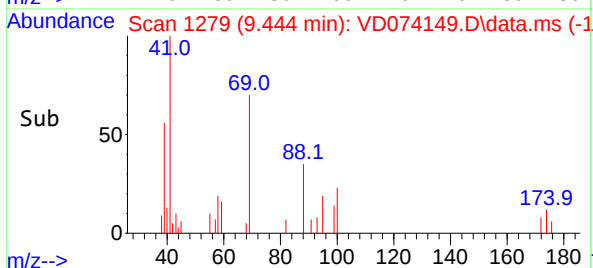
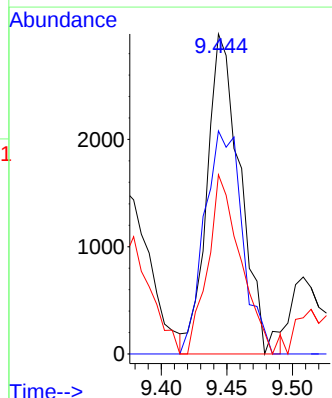
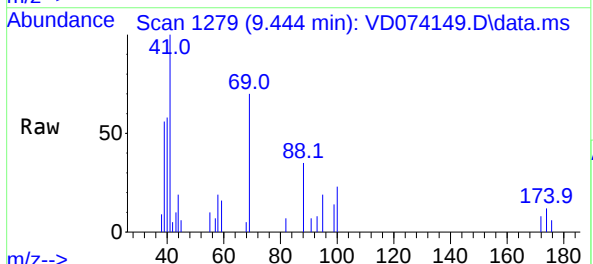
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

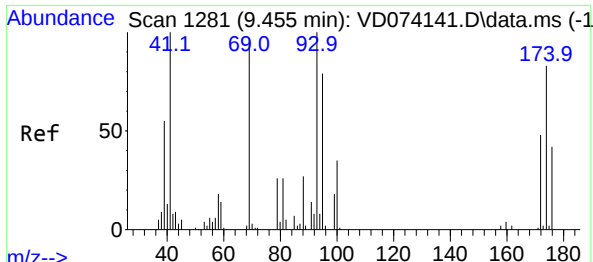
Tgt Ion:	83	Resp:	6456
Ion	Ratio	Lower	Upper
83	100		
85	57.2	51.4	77.0
127	8.1	6.1	9.1



#48
Methyl methacrylate
Concen: 59.928 ug/l
RT: 9.444 min Scan# 1279
Delta R.T. -0.000 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion:	41	Resp:	5329
Ion	Ratio	Lower	Upper
41	100		
69	78.8	56.7	85.1
39	54.2	42.7	64.1

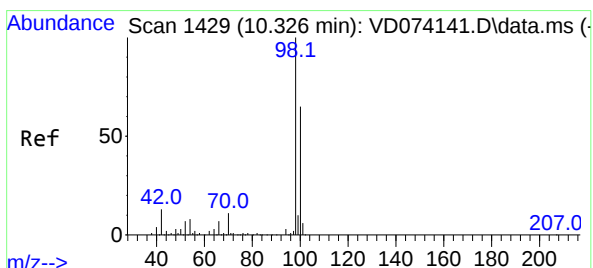
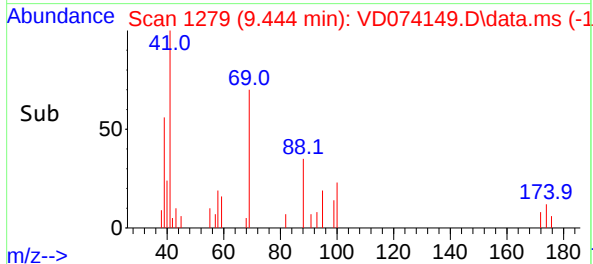
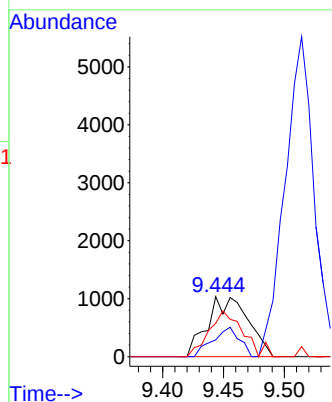
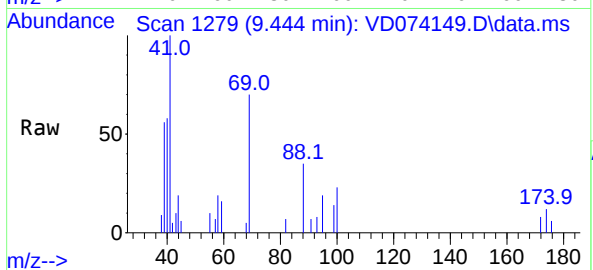




#49
1,4-Dioxane
Concen: 2647.433 ug/l
RT: 9.444 min Scan# 11
Delta R.T. -0.011 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

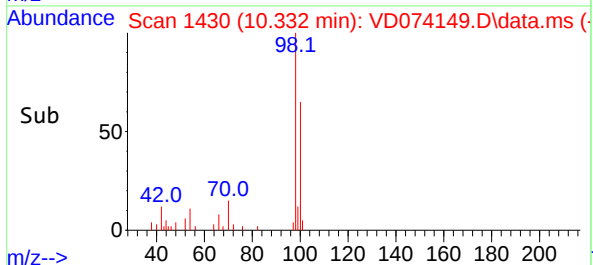
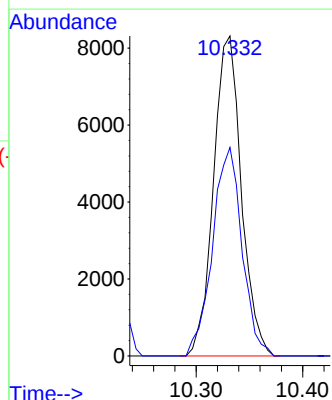
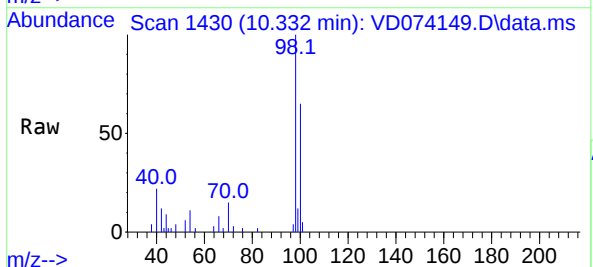
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

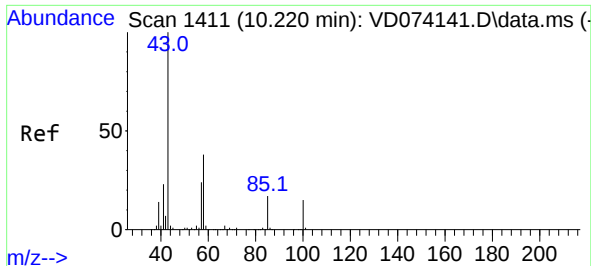
Tgt Ion: 88 Resp: 2407
Ion Ratio Lower Upper
88 100
43 32.3 31.0 46.4
58 63.9 58.1 87.1



#50
Toluene-d8
Concen: 52.219 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion: 98 Resp: 15115
Ion Ratio Lower Upper
98 100
100 68.8 52.4 78.6

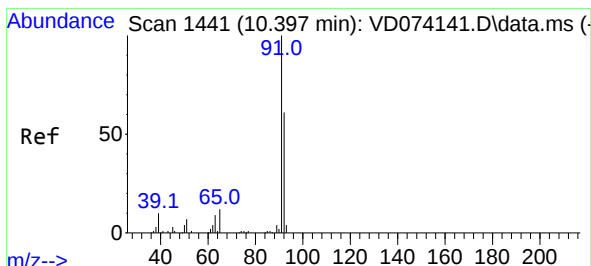
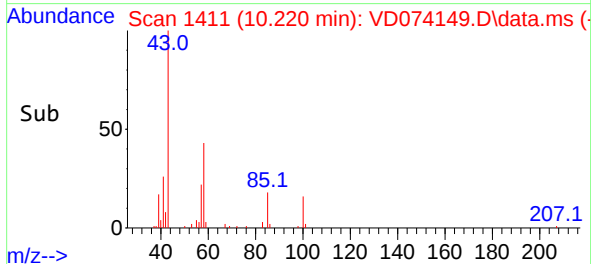
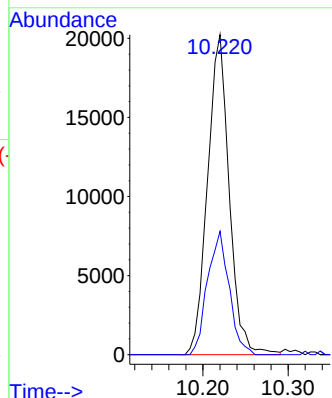
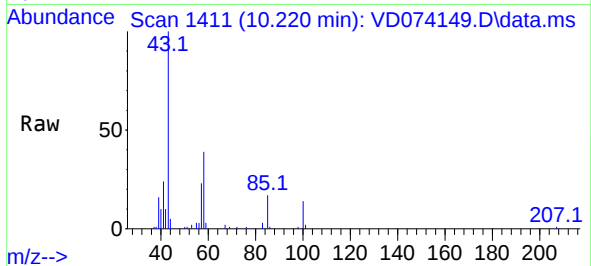




#51
4-Methyl-2-Pentanone
Concen: 384.819 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

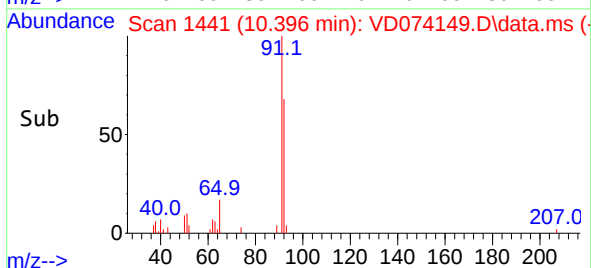
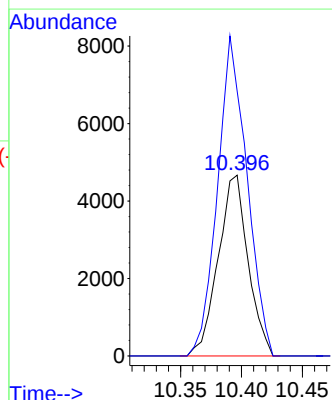
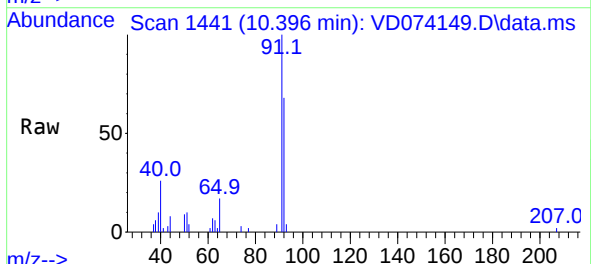
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

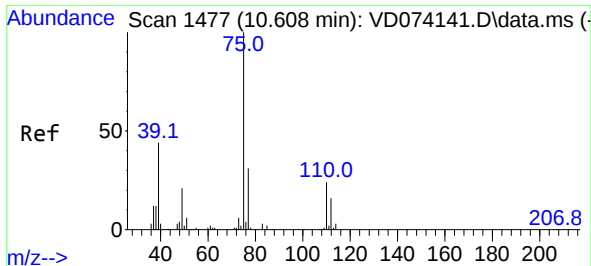
Tgt Ion: 43 Resp: 35735
Ion Ratio Lower Upper
43 100
58 38.4 28.6 43.0



#52
Toluene
Concen: 21.572 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion: 92 Resp: 7993
Ion Ratio Lower Upper
92 100
91 173.9 139.6 209.4

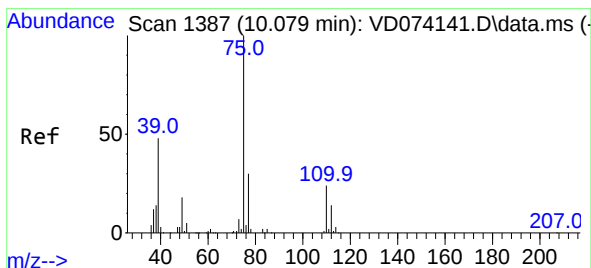
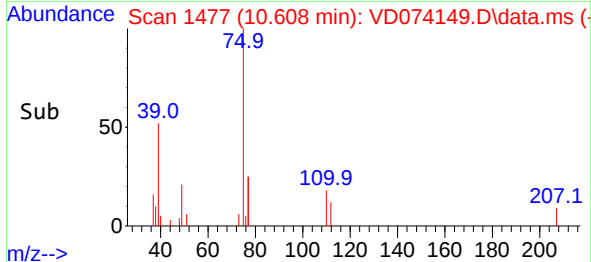
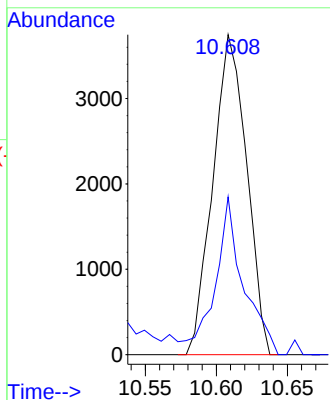
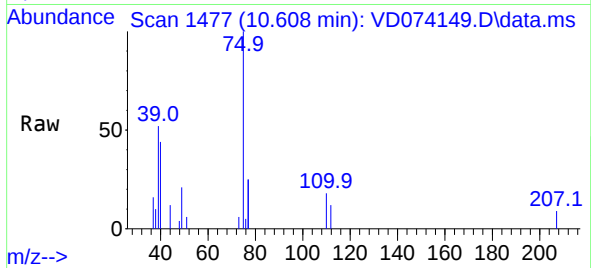




#53
t-1,3-Dichloropropene
Concen: 31.790 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

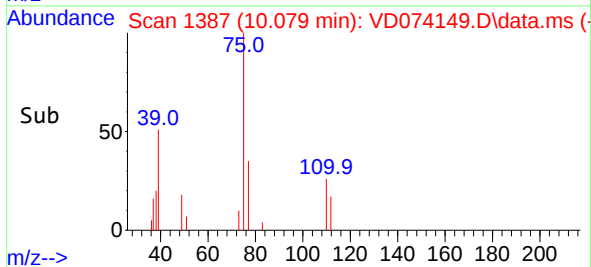
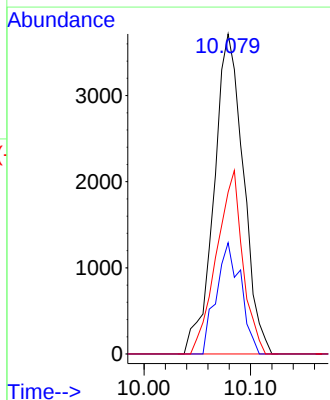
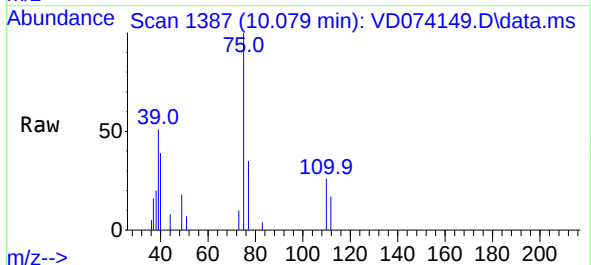
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

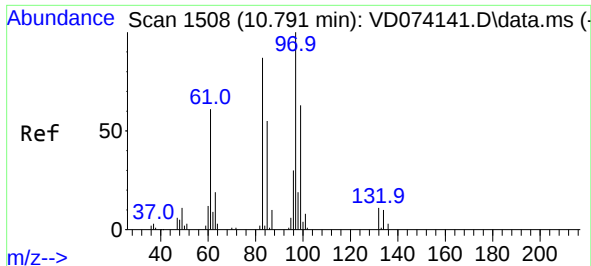
Tgt Ion: 75 Resp: 6194
Ion Ratio Lower Upper
75 100
77 49.3 24.5 36.7#



#54
cis-1,3-Dichloropropene
Concen: 30.582 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion: 75 Resp: 7112
Ion Ratio Lower Upper
75 100
77 34.8 24.8 37.2
39 50.6 46.8 70.2



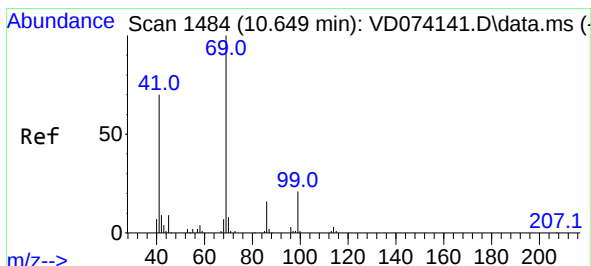
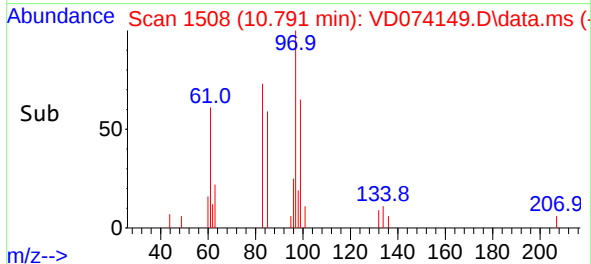
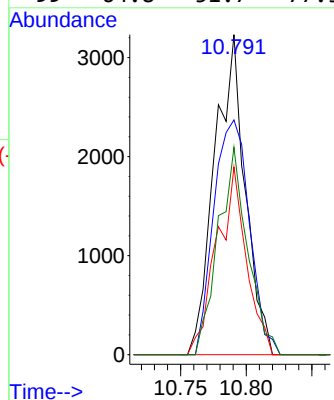
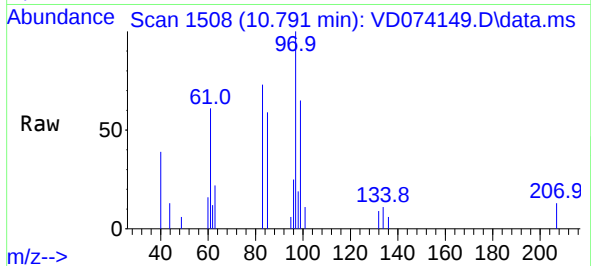


#55
1,1,2-Trichloroethane
Concen: 46.943 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

Tgt Ion: 97 Resp: 5242

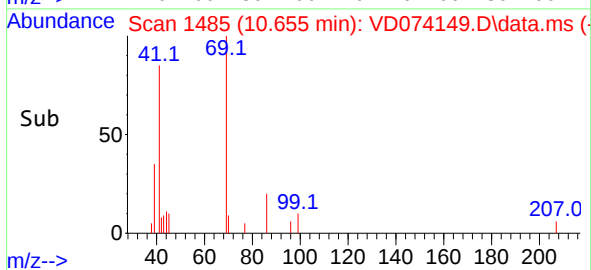
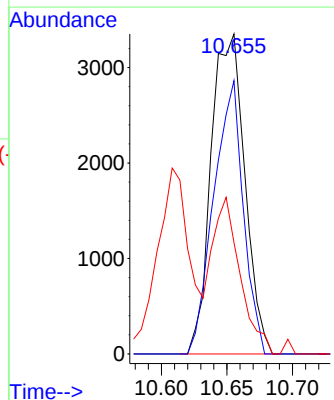
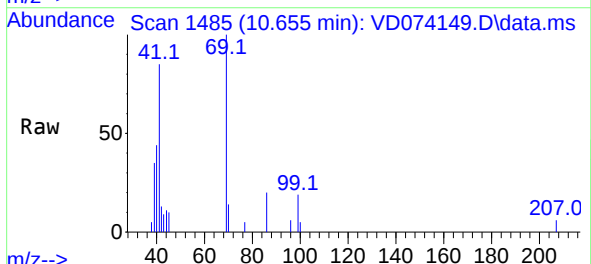
Ion	Ratio	Lower	Upper
97	100		
83	73.4	69.0	103.4
85	58.7	42.6	63.8
99	64.8	51.7	77.5

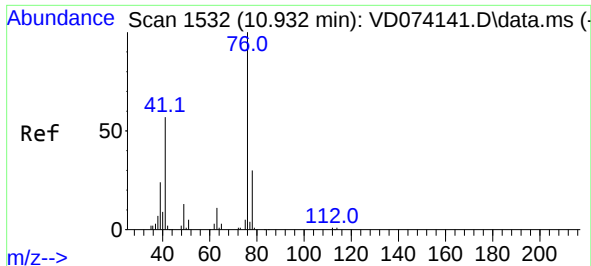


#56
Ethyl methacrylate
Concen: 43.770 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.006 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion: 69 Resp: 5976

Ion	Ratio	Lower	Upper
69	100		
41	75.1	63.0	94.6
39	40.6	33.8	50.8





#57

1,3-Dichloropropane

Concen: 40.581 ug/l

RT: 10.932 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074149.D

Acq: 19 Aug 2022 15:30

Instrument :

MSVOA_D

ClientSampleId :

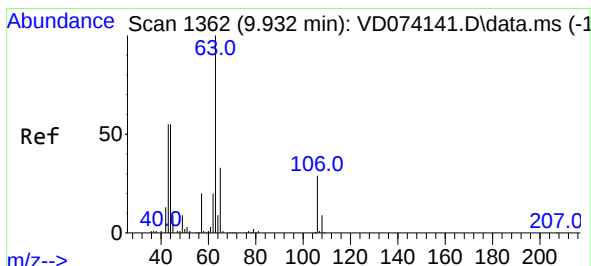
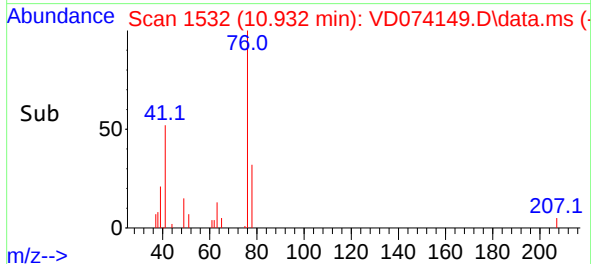
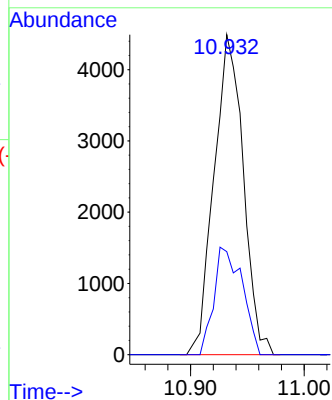
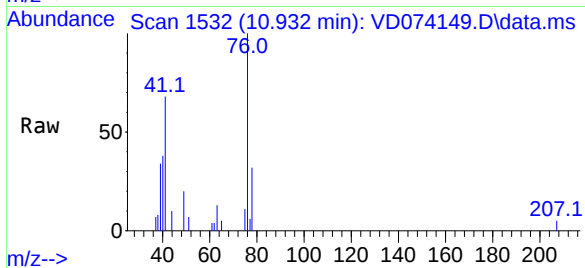
VD0819SBS01

Tgt Ion: 76 Resp: 8023

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 207.422 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD074149.D

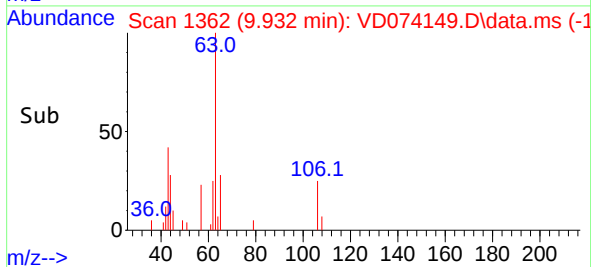
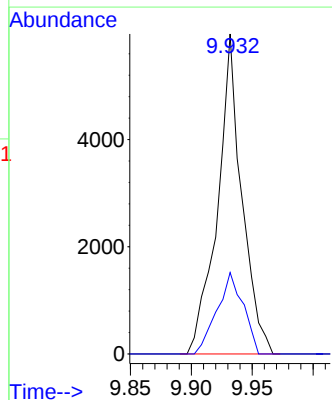
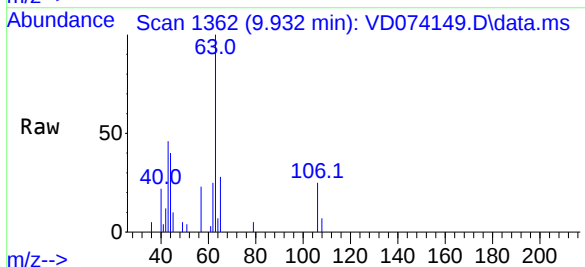
Acq: 19 Aug 2022 15:30

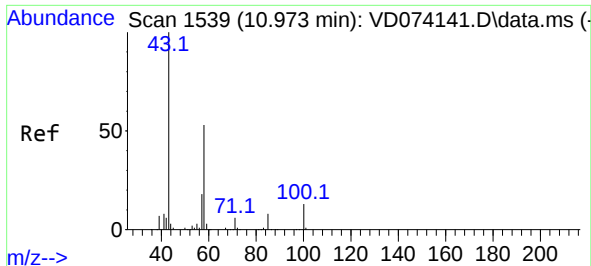
Tgt Ion: 63 Resp: 8301

Ion Ratio Lower Upper

63 100

106 27.3 21.4 32.0

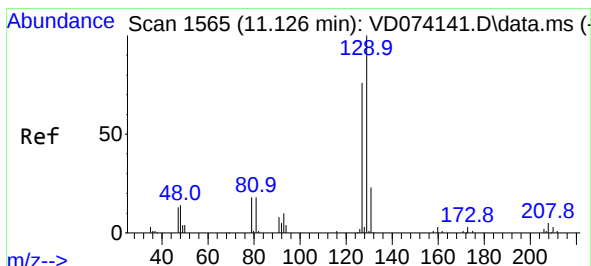
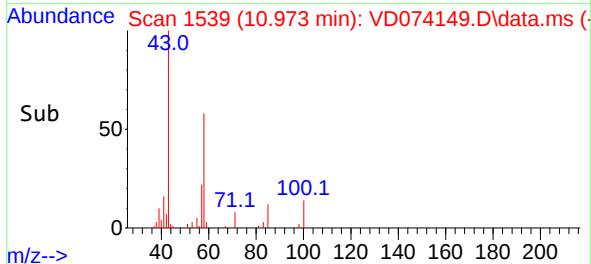
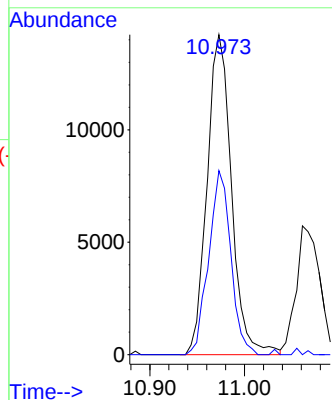
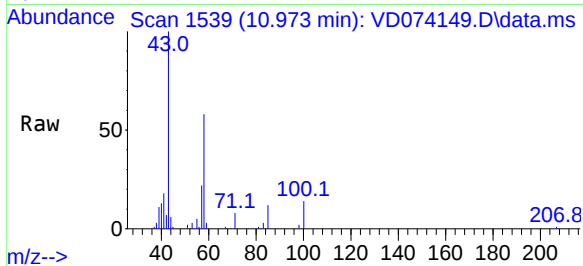




#59
2-Hexanone
Concen: 412.050 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

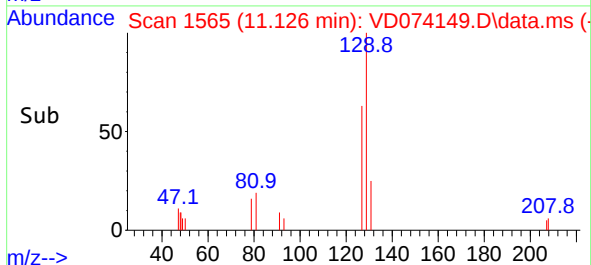
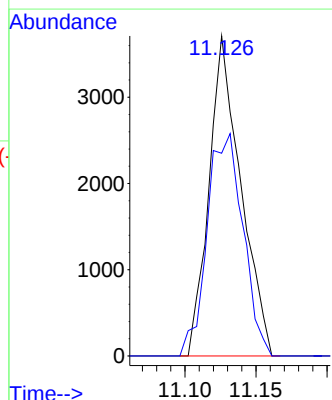
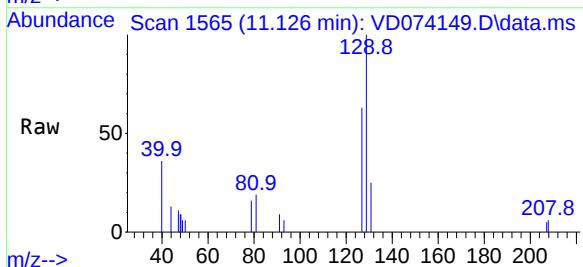
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

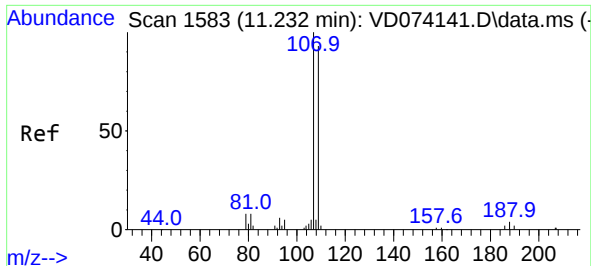
Tgt Ion: 43 Resp: 25521
Ion Ratio Lower Upper
43 100
58 52.1 25.3 75.9



#60
Dibromochloromethane
Concen: 41.068 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion: 129 Resp: 5775
Ion Ratio Lower Upper
129 100
127 78.2 39.2 117.6

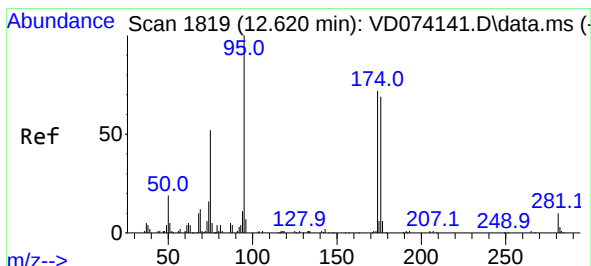
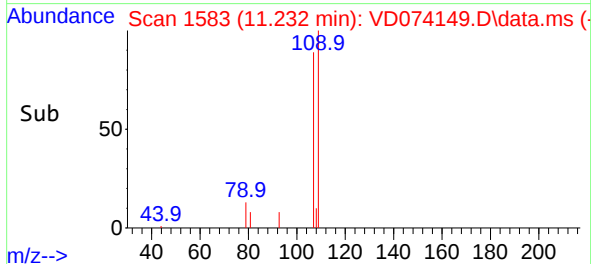
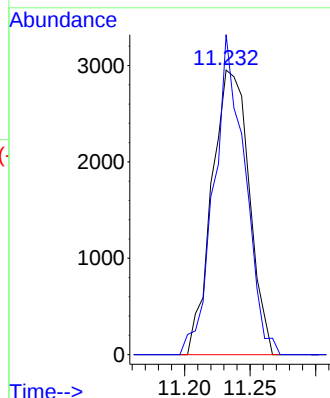
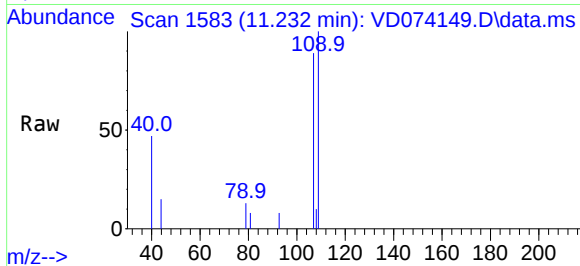




#61
1,2-Dibromoethane
Concen: 53.560 ug/l
RT: 11.232 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

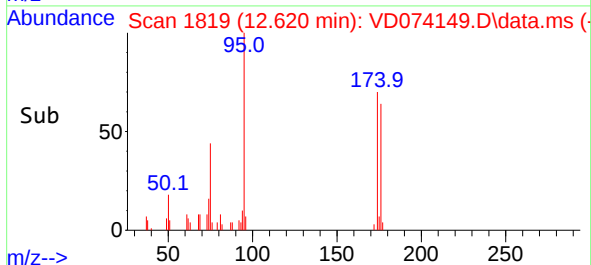
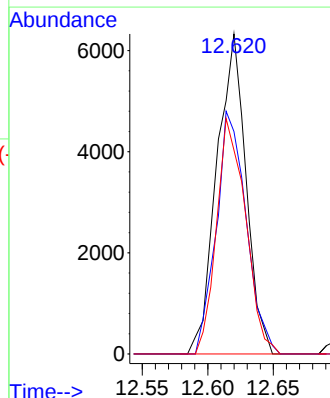
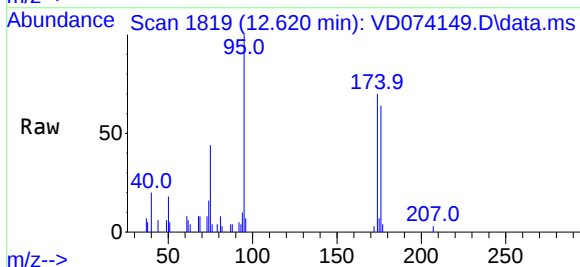
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

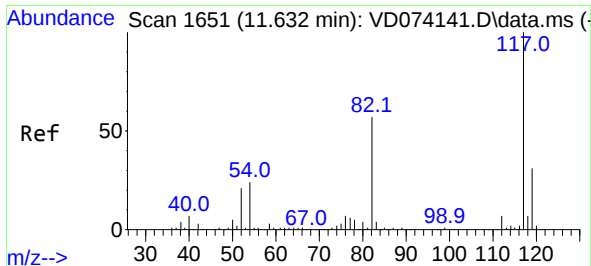
Tgt Ion:107 Resp: 5811
Ion Ratio Lower Upper
107 100
109 93.4 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 61.652 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion: 95 Resp: 9799
Ion Ratio Lower Upper
95 100
174 77.8 0.0 152.8
176 73.1 0.0 145.4

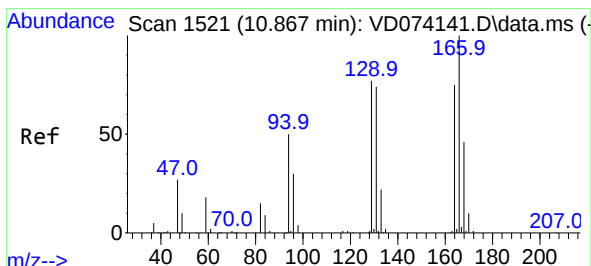
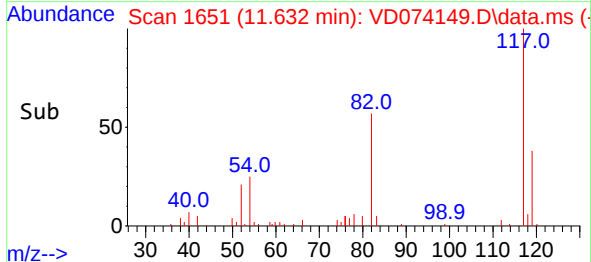
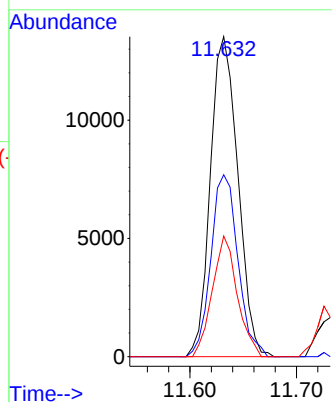
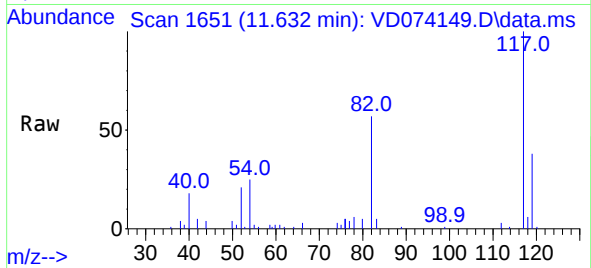




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1165
Delta R.T. -0.000 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

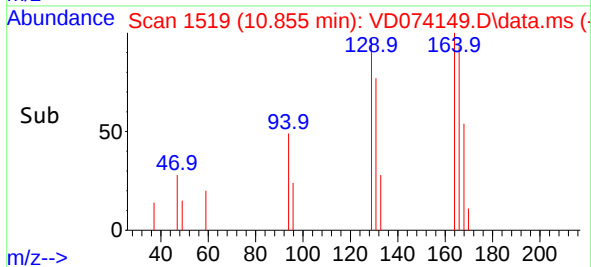
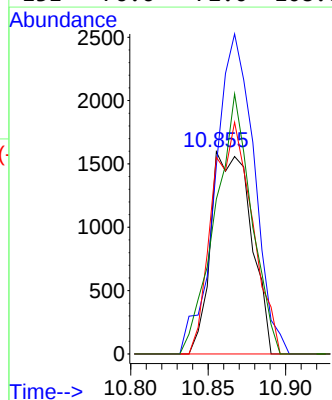
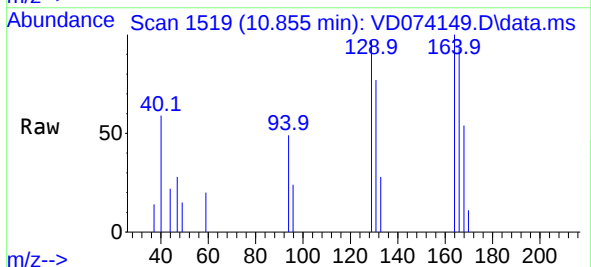
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

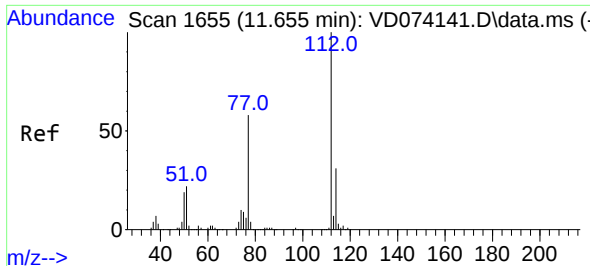
Tgt Ion:	117	Resp:	24214
Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.3	67.9
119	37.7	26.6	40.0



#64
Tetrachloroethene
Concen: 17.541 ug/l
RT: 10.855 min Scan# 1519
Delta R.T. -0.012 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion:	164	Resp:	2883
Ion	Ratio	Lower	Upper
164	100		
166	93.1	98.5	147.7#
129	97.2	74.6	111.8
131	76.6	72.0	108.0

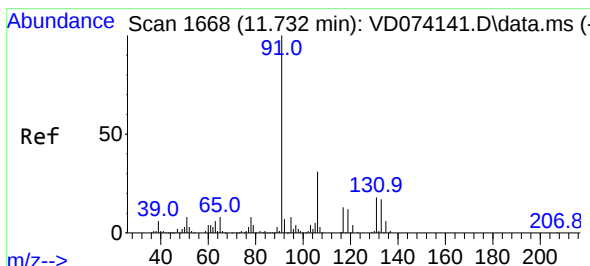
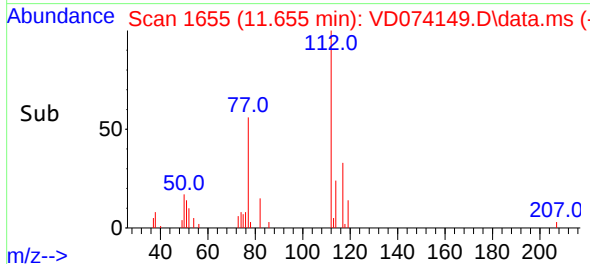
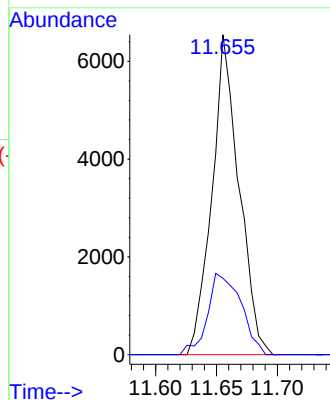
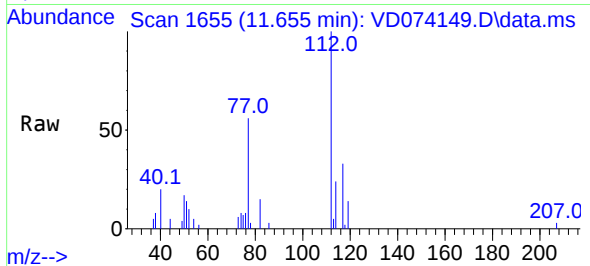




#65
Chlorobenzene
Concen: 20.510 ug/l
RT: 11.655 min Scan# 1655
Delta R.T. 0.000 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

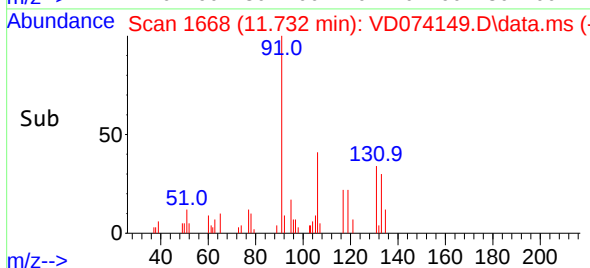
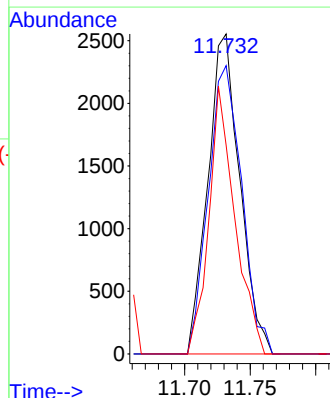
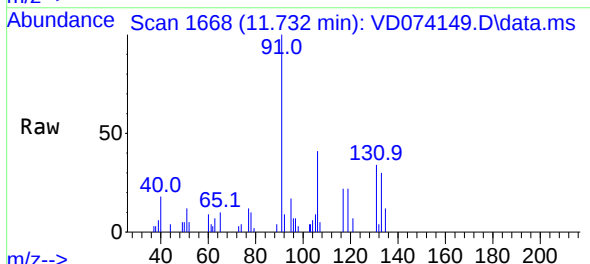
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

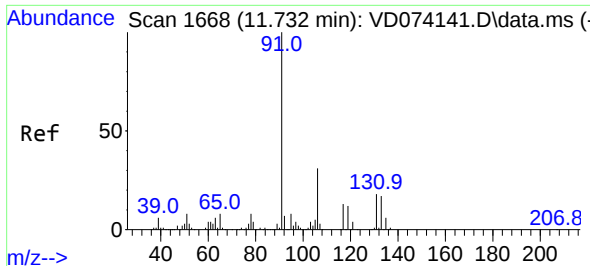
Tgt Ion:112 Resp: 10102
Ion Ratio Lower Upper
112 100
114 23.9 25.8 38.6#



#66
1,1,1,2-Tetrachloroethane
Concen: 24.265 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion:131 Resp: 4323
Ion Ratio Lower Upper
131 100
133 94.1 48.1 144.3
119 68.2 31.9 95.9

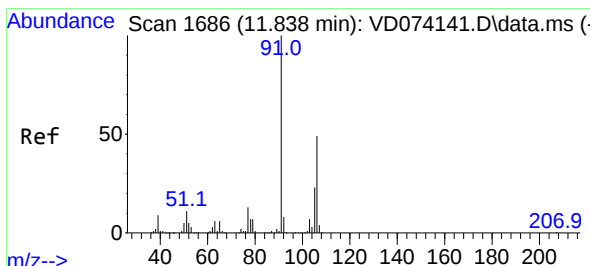
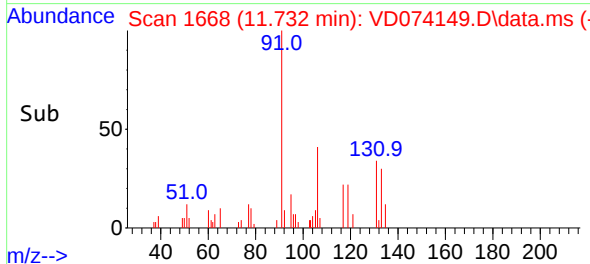
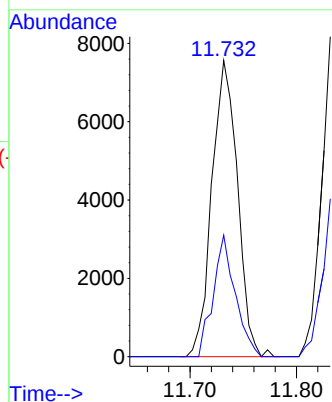
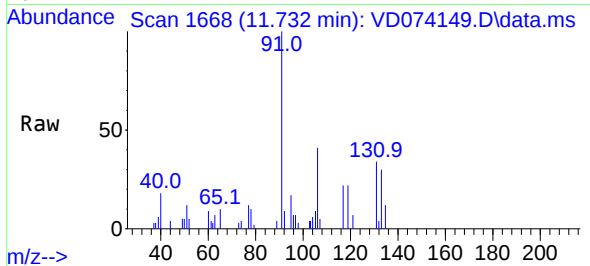




#67
Ethyl Benzene
Concen: 14.499 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

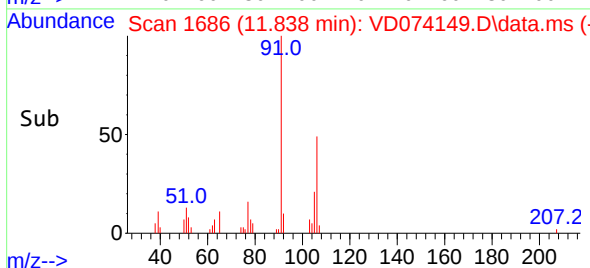
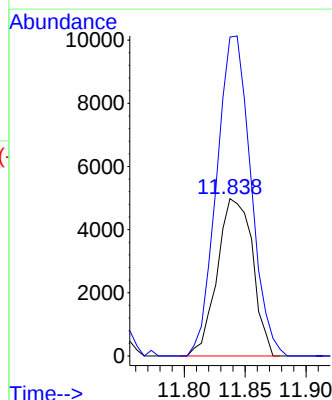
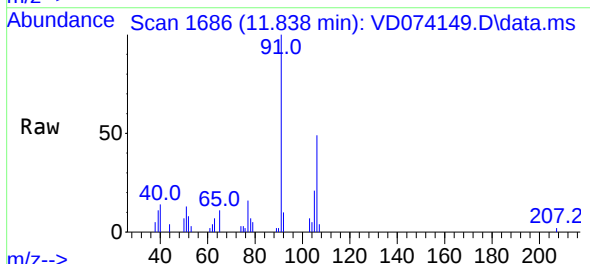
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

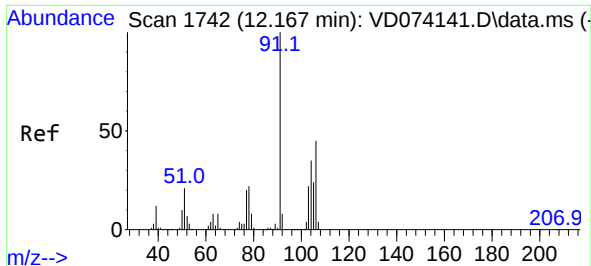
Tgt Ion: 91 Resp: 12612
Ion Ratio Lower Upper
91 100
106 41.0 24.2 36.4#



#68
m/p-Xylenes
Concen: 30.072 ug/l
RT: 11.838 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion: 106 Resp: 10054
Ion Ratio Lower Upper
106 100
91 197.2 163.7 245.5

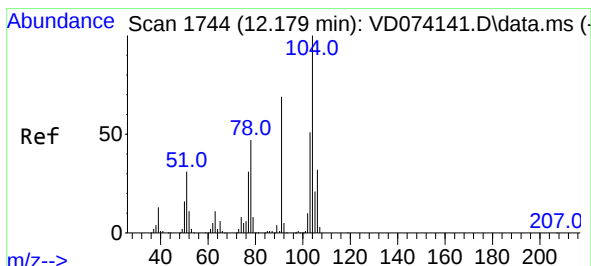
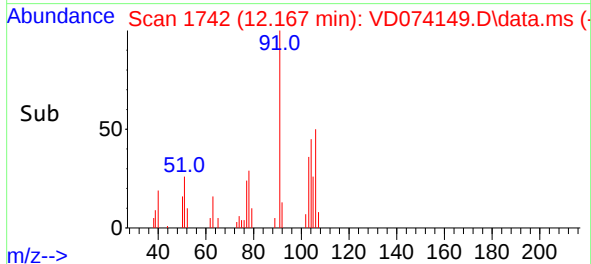
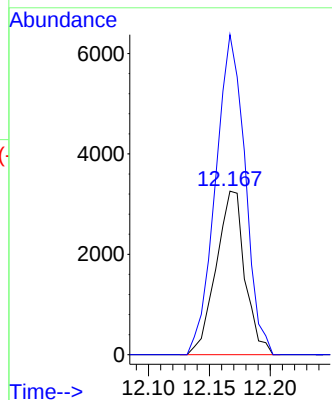
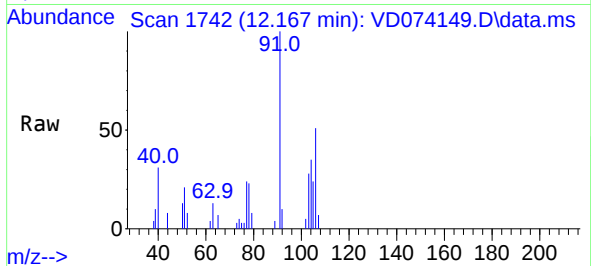




#69
o-Xylene
Concen: 17.168 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

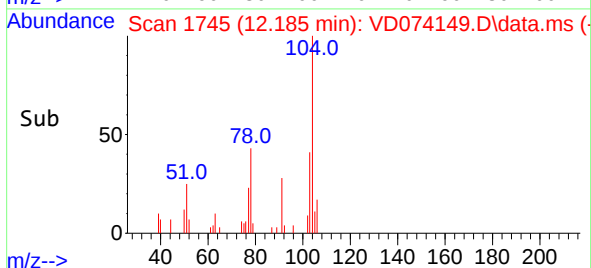
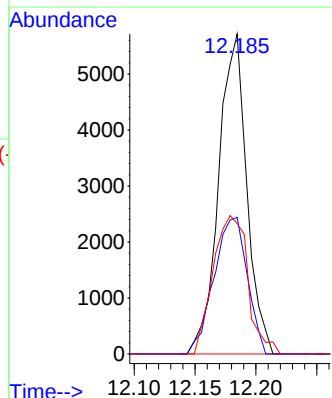
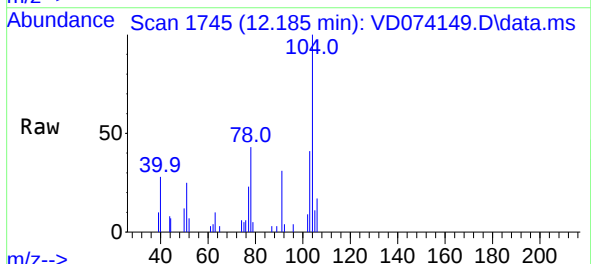
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

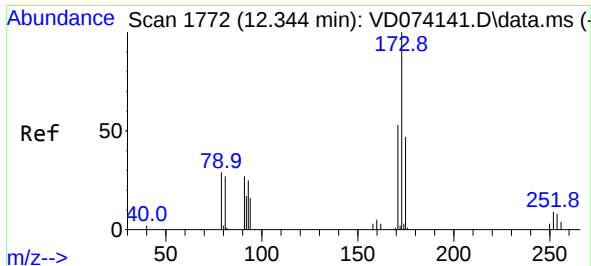
Tgt Ion:106 Resp: 5365
Ion Ratio Lower Upper
106 100
91 201.0 110.4 331.2



#70
Styrene
Concen: 17.190 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.006 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion:104 Resp: 9176
Ion Ratio Lower Upper
104 100
78 50.6 41.8 62.8
103 53.5 44.2 66.4

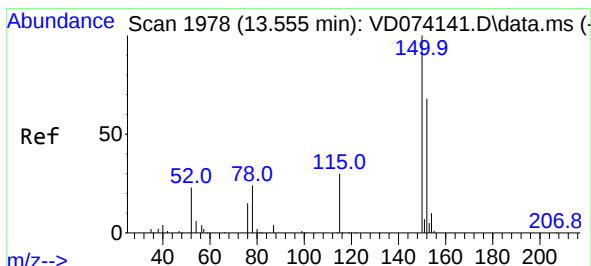
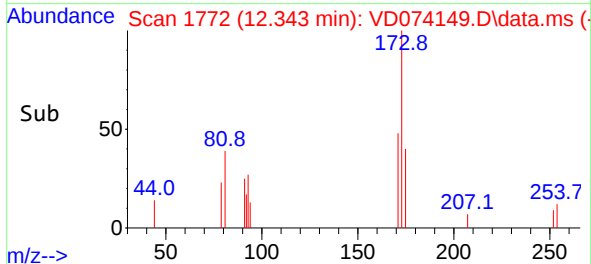
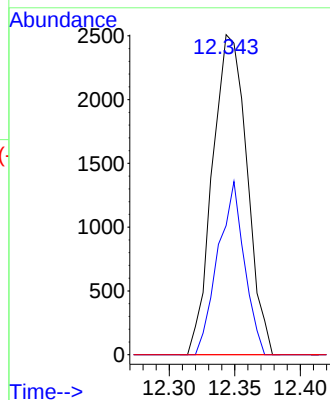
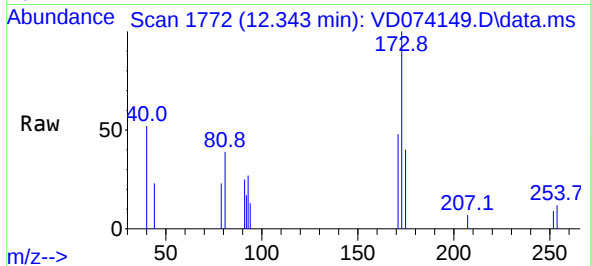




#71
Bromoform
Concen: 48.180 ug/l
RT: 12.343 min Scan# 1772
Delta R.T. -0.001 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

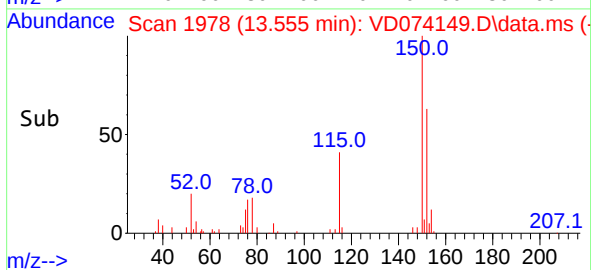
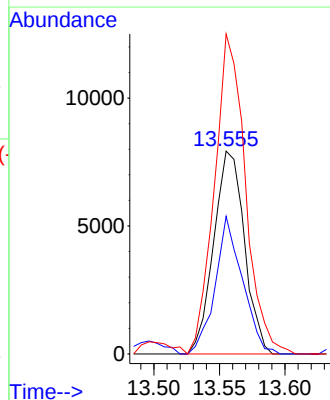
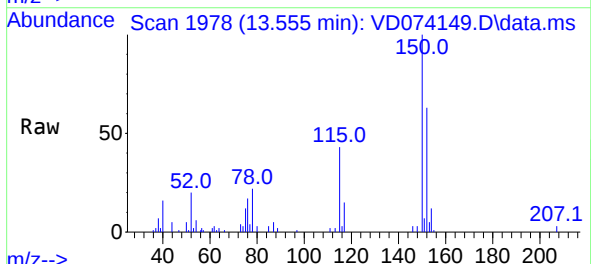
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

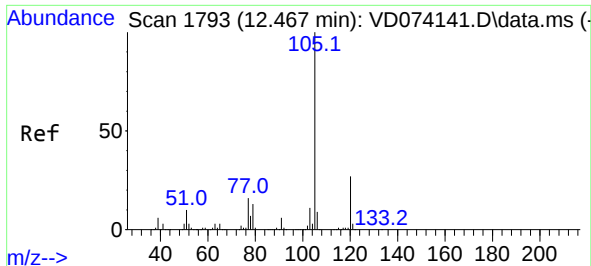
Tgt Ion:	173	Resp:	4590
Ion Ratio	Lower	Upper	
173	100		
175	41.4	23.9	71.8
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion:	152	Resp:	12911
Ion Ratio	Lower	Upper	
152	100		
115	60.2	31.3	93.8
150	158.9	0.0	348.6

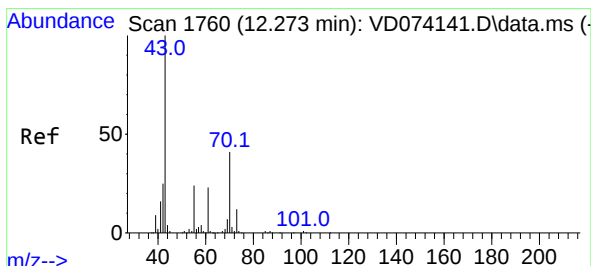
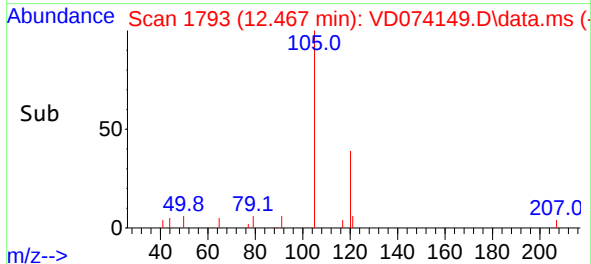
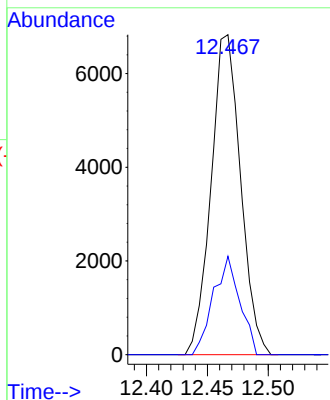
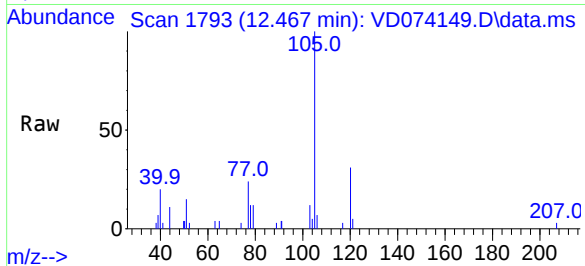




#73
Isopropylbenzene
Concen: 12.265 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

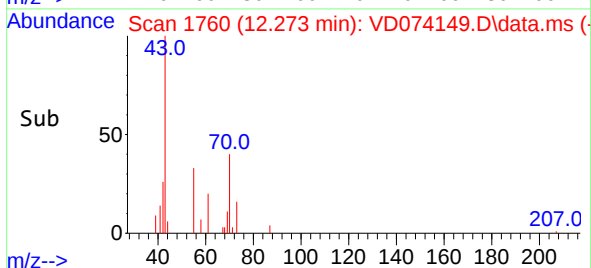
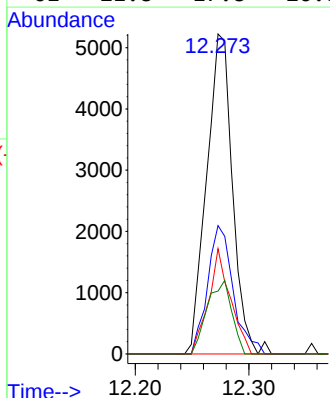
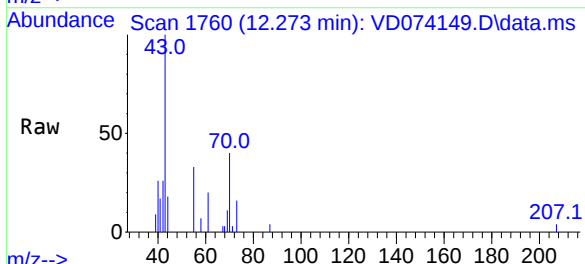
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

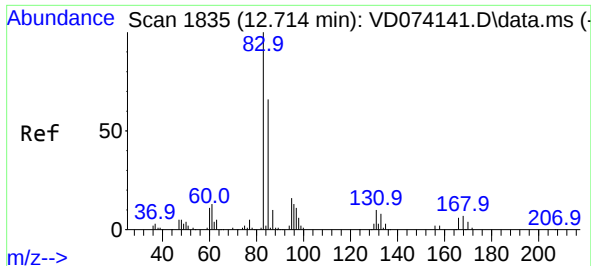
Tgt Ion:105 Resp: 11533
Ion Ratio Lower Upper
105 100
120 27.5 13.0 38.9



#74
N-ethyl acetate
Concen: 35.070 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion: 43 Resp: 8277
Ion Ratio Lower Upper
43 100
70 39.8 31.3 46.9
55 27.8 20.0 30.0
61 21.8 17.8 26.8

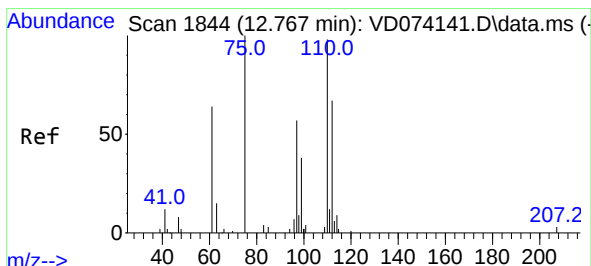
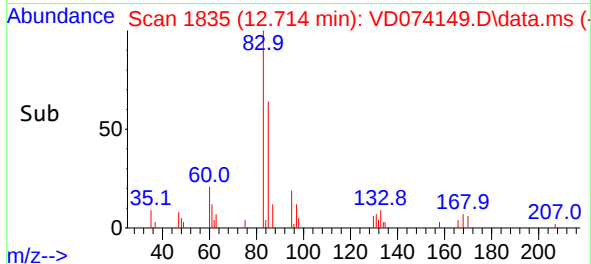
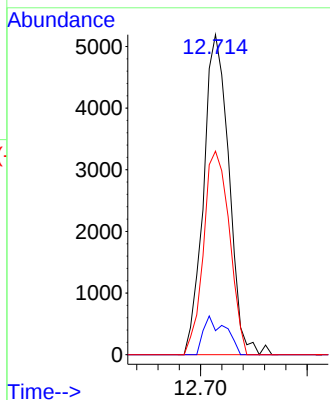
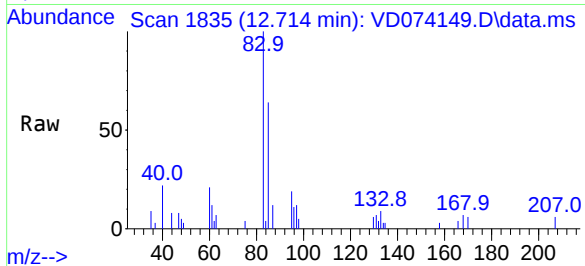




#75
1,1,2,2-Tetrachloroethane
Concen: 47.736 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

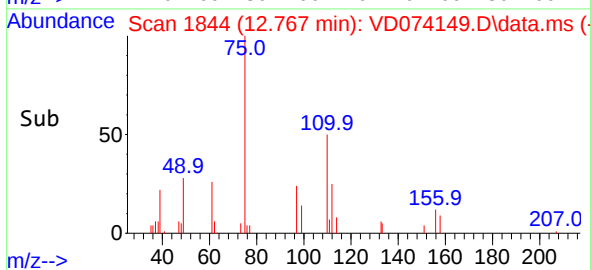
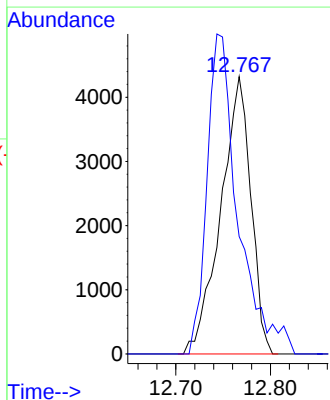
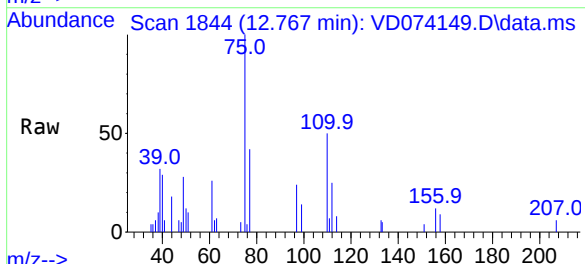
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

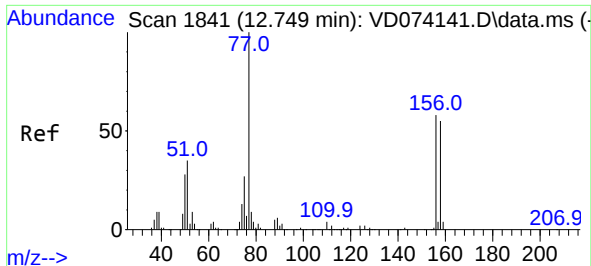
Tgt Ion:	83	Resp:	8593
Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.0	14.9
85	64.8	32.6	98.0



#76
1,2,3-Trichloropropane
Concen: 71.366 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion:	75	Resp:	9542
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



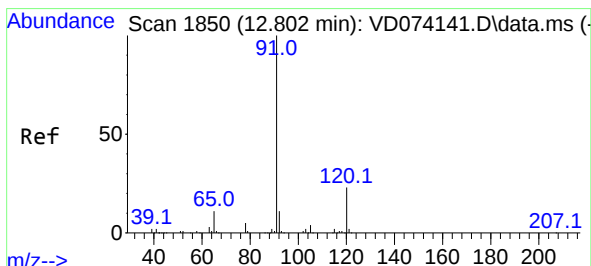
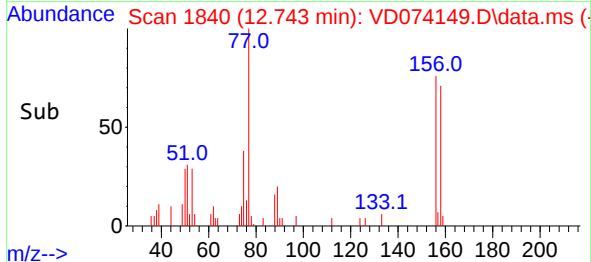
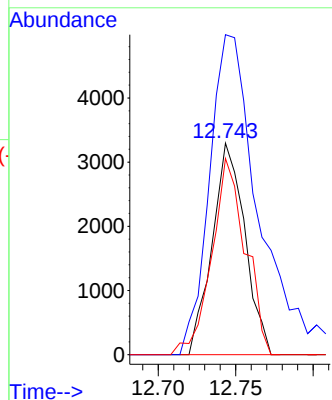
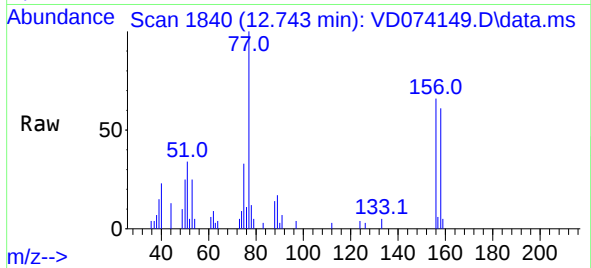


#77
Bromobenzene
Concen: 22.400 ug/l
RT: 12.743 min Scan# 1840
Delta R.T. -0.006 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

Tgt Ion:156 Resp: 4829

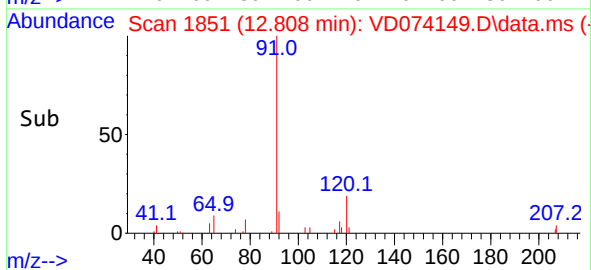
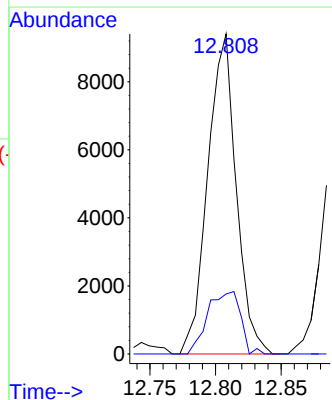
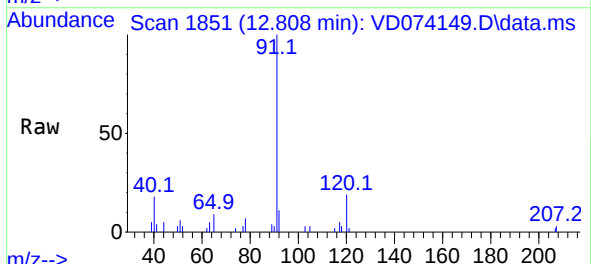
Ion	Ratio	Lower	Upper
156	100		
77	234.4	102.8	308.3
158	95.6	48.7	146.1

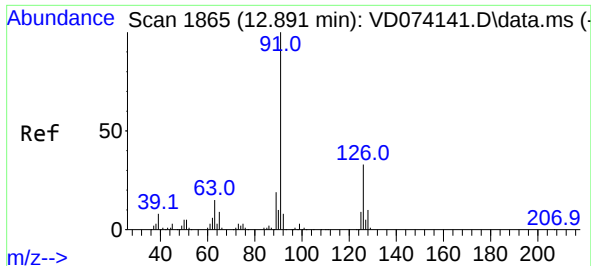


#78
n-propylbenzene
Concen: 12.190 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion: 91 Resp: 14210

Ion	Ratio	Lower	Upper
91	100		
120	22.4	10.9	32.9

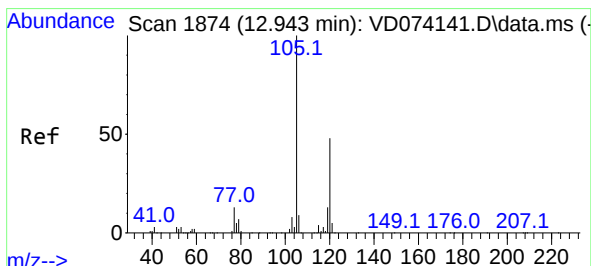
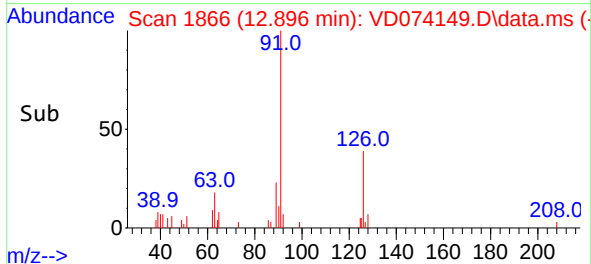
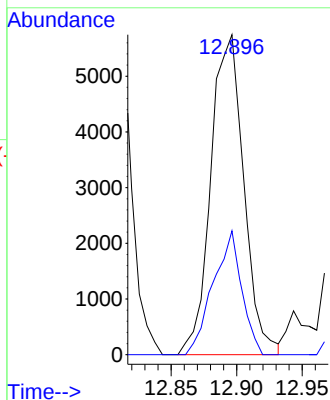
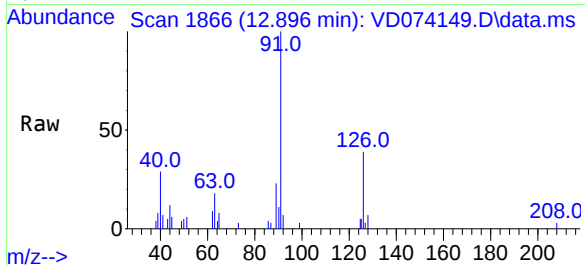




#79
2-Chlorotoluene
Concen: 15.024 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.005 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

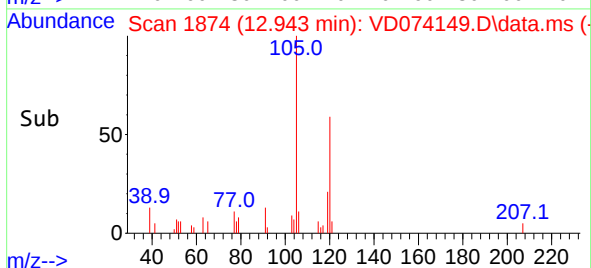
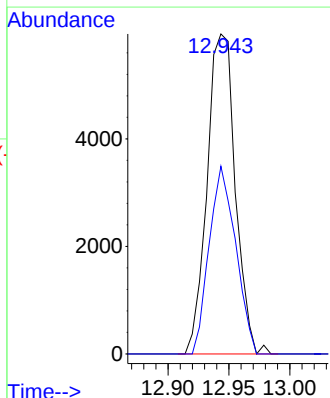
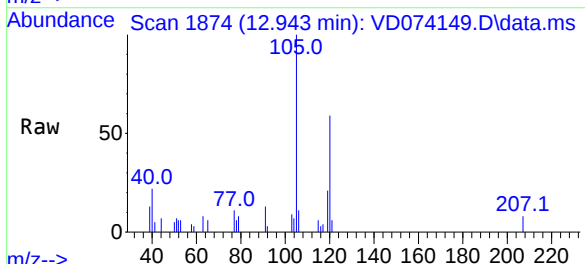
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

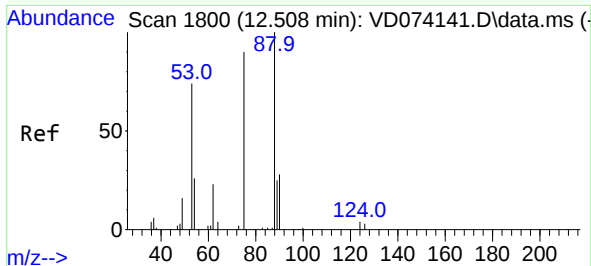
Tgt Ion: 91 Resp: 10052
Ion Ratio Lower Upper
91 100
126 33.4 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 12.220 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion: 105 Resp: 9607
Ion Ratio Lower Upper
105 100
120 55.0 24.3 72.8

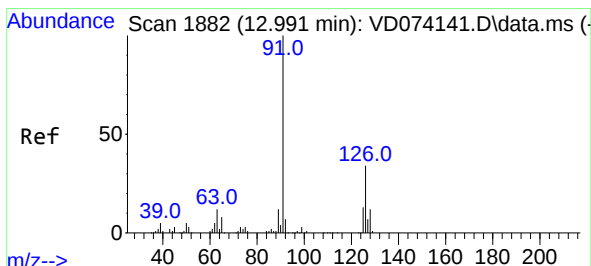
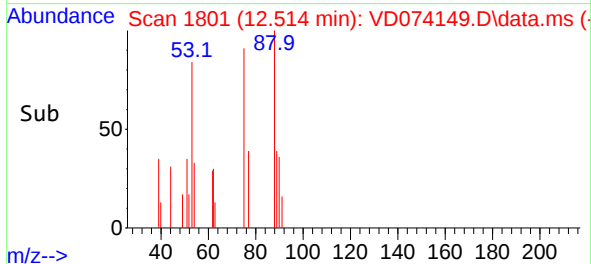
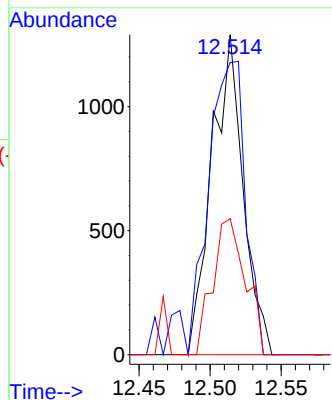
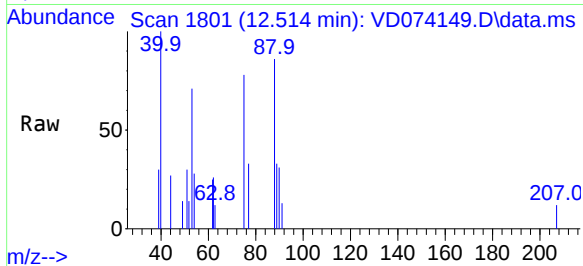




#81
trans-1,4-Dichloro-2-butene
Concen: 38.809 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.006 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

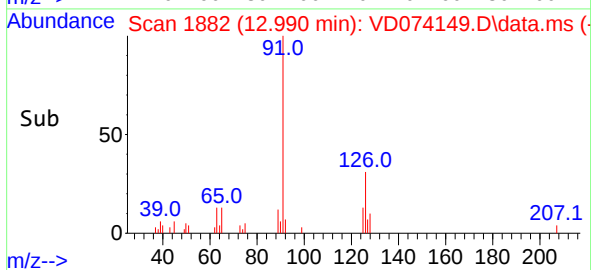
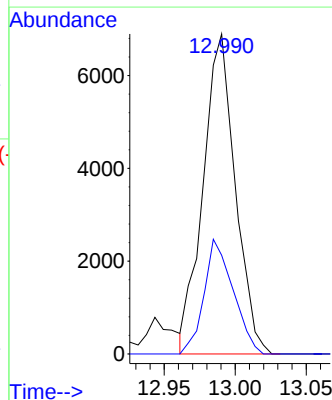
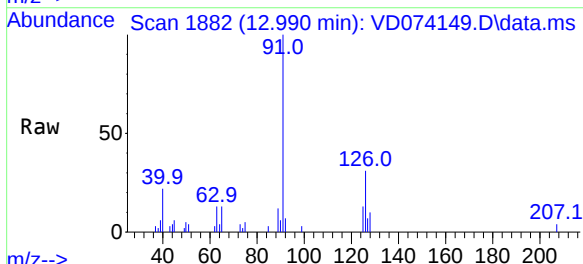
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

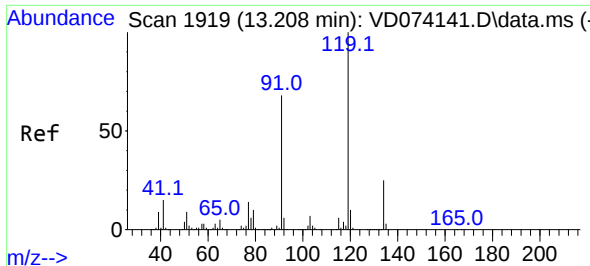
Tgt Ion: 75 Resp: 1983
Ion Ratio Lower Upper
75 100
53 115.8 86.5 129.7
89 44.6 33.9 50.9



#82
4-Chlorotoluene
Concen: 15.476 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion: 91 Resp: 10897
Ion Ratio Lower Upper
91 100
126 32.4 16.5 49.5

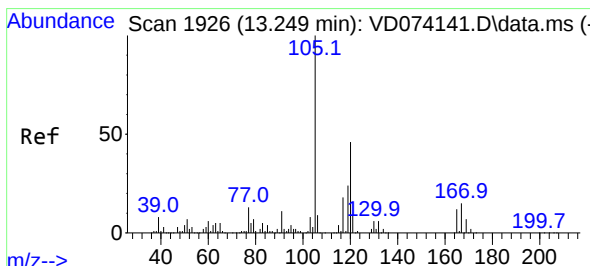
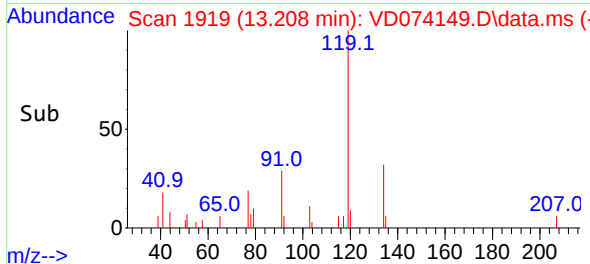
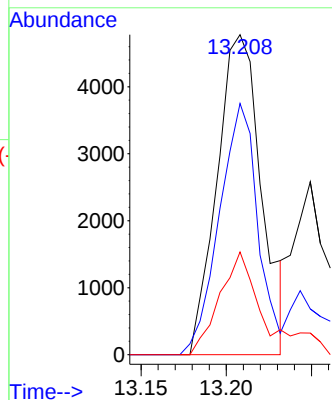
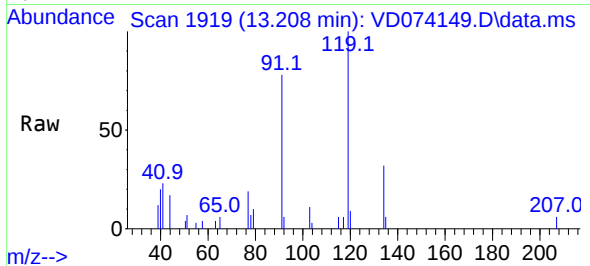




#83
tert-Butylbenzene
Concen: 13.040 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

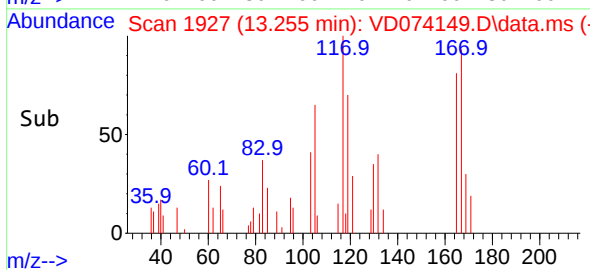
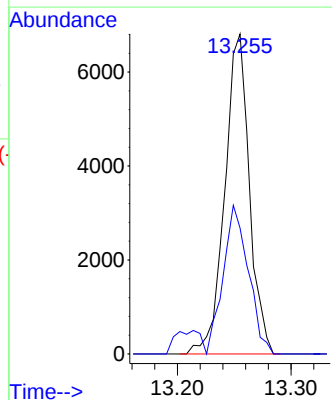
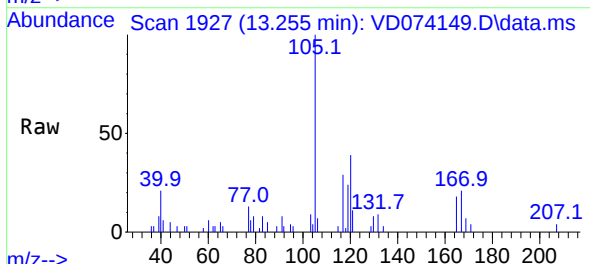
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

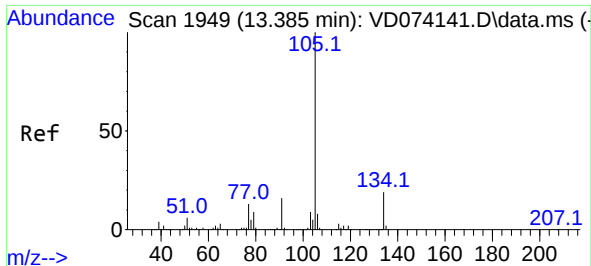
Tgt Ion:	119	Resp:	8669
Ion	Ratio	Lower	Upper
119	100		
91	68.1	34.8	104.5
134	32.0	13.3	39.9



#84
1,2,4-Trimethylbenzene
Concen: 13.194 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.006 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion:	105	Resp:	10218
Ion	Ratio	Lower	Upper
105	100		
120	47.7	22.3	66.8

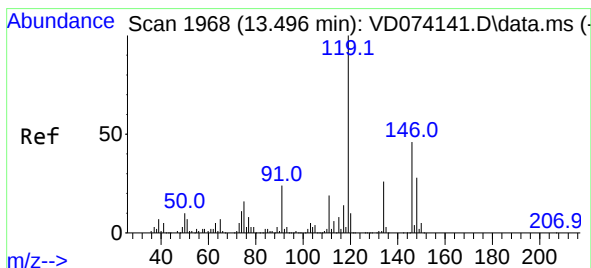
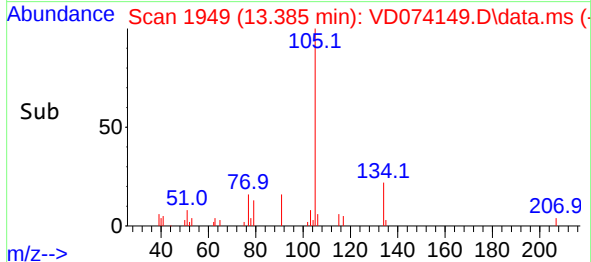
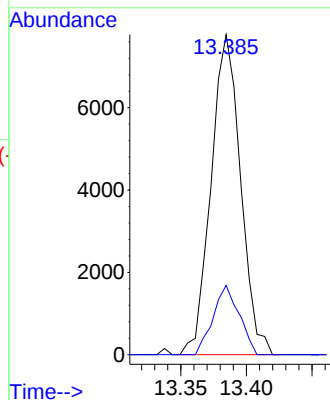
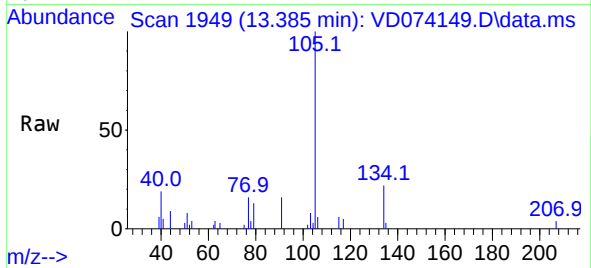




#85
 sec-Butylbenzene
 Concen: 12.038 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VD074149.D
 Acq: 19 Aug 2022 15:30

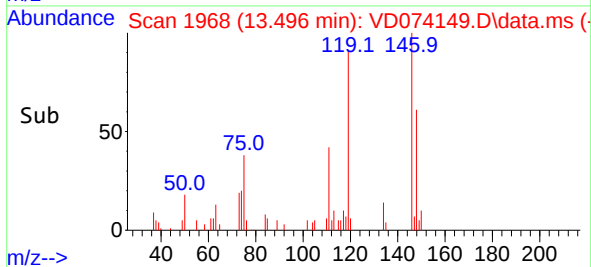
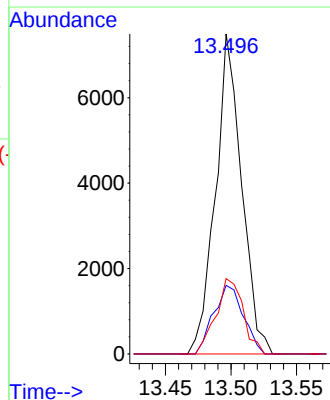
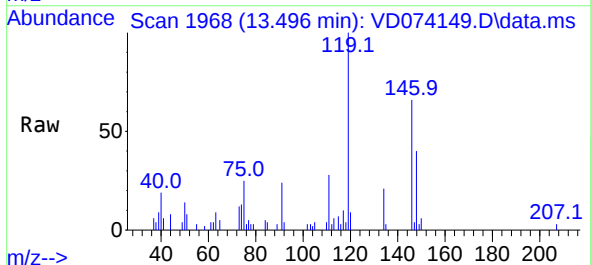
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0819SBS01

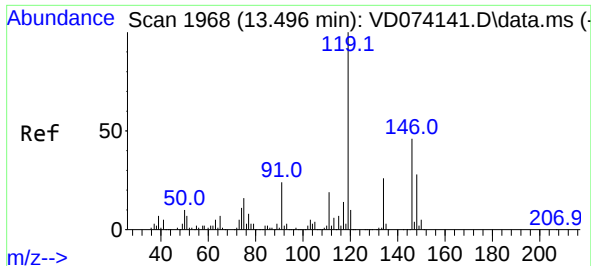
Tgt Ion:105 Resp: 12166
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 12.346 ug/l
 RT: 13.496 min Scan# 1968
 Delta R.T. 0.000 min
 Lab File: VD074149.D
 Acq: 19 Aug 2022 15:30

Tgt Ion:119 Resp: 10358
 Ion Ratio Lower Upper
 119 100
 134 24.4 12.9 38.6
 91 24.6 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 20.335 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.006 min

Lab File: VD074149.D

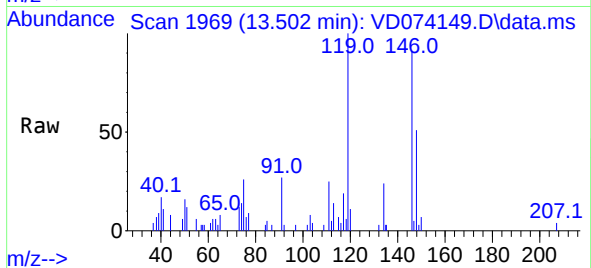
Acq: 19 Aug 2022 15:30

Instrument :

MSVOA_D

ClientSampleId :

VD0819SBS01



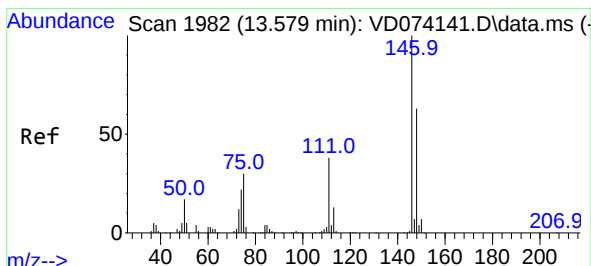
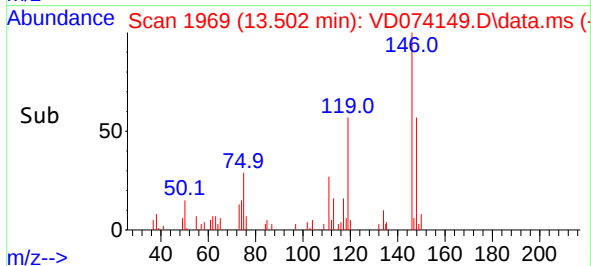
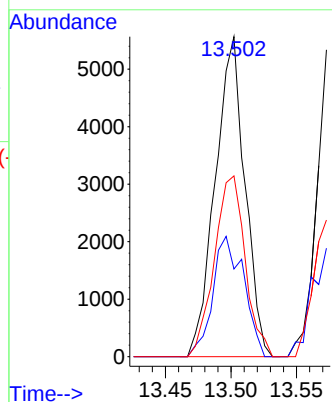
Tgt Ion:146 Resp: 8750

Ion Ratio Lower Upper

146 100

111 39.2 20.4 61.3

148 58.9 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 20.416 ug/l

RT: 13.573 min Scan# 1981

Delta R.T. -0.006 min

Lab File: VD074149.D

Acq: 19 Aug 2022 15:30

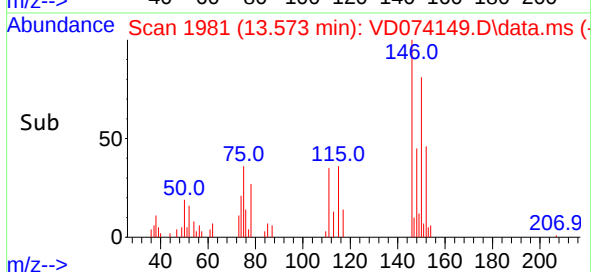
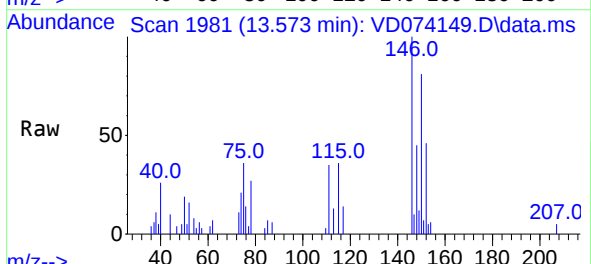
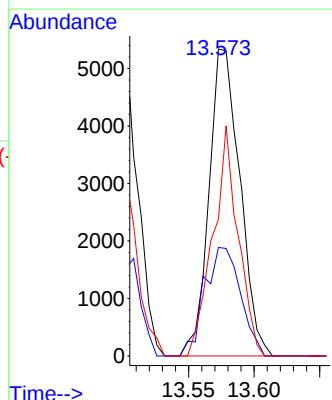
Tgt Ion:146 Resp: 8772

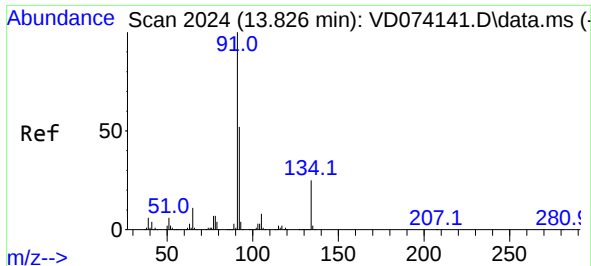
Ion Ratio Lower Upper

146 100

111 41.2 20.3 60.9

148 60.9 31.7 95.1

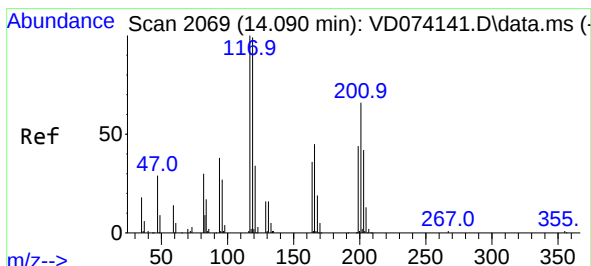
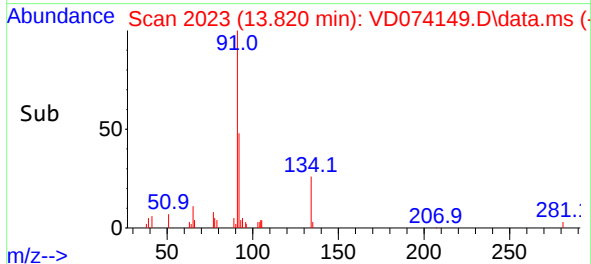
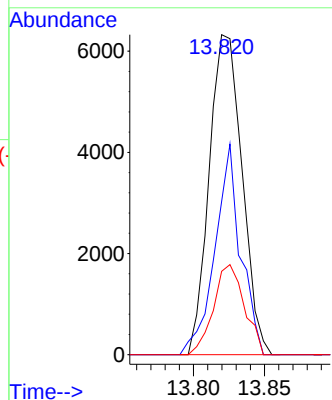
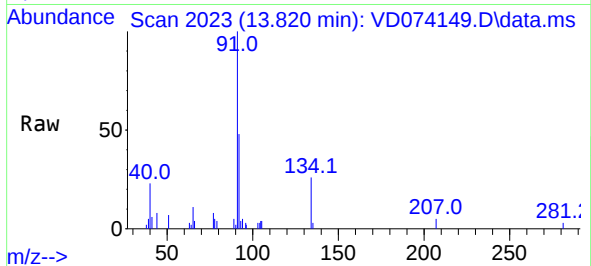




#89
n-Butylbenzene
Concen: 12.447 ug/l
RT: 13.820 min Scan# 2024
Delta R.T. -0.006 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

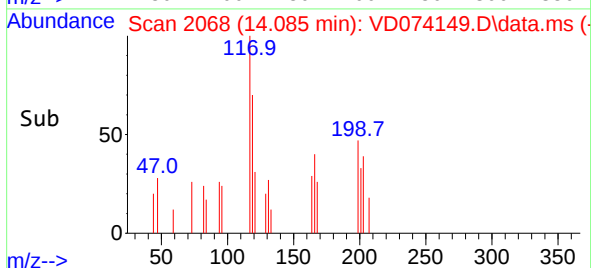
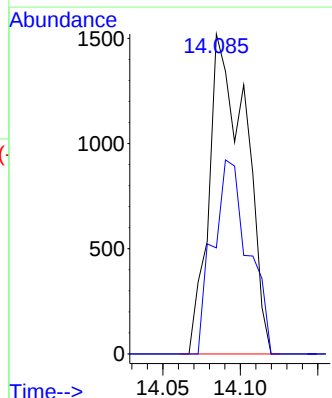
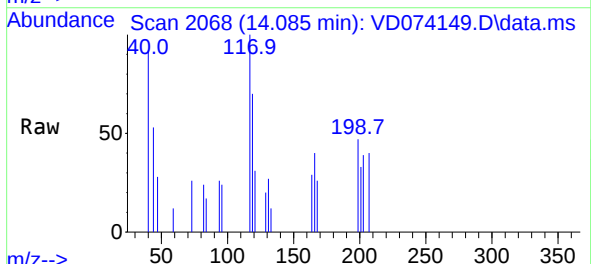
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

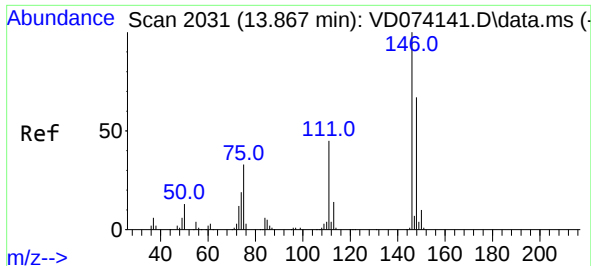
Tgt Ion:	91	Resp:	10184
Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.6	79.8
134	26.4	12.3	36.9



#90
Hexachloroethane
Concen: 15.288 ug/l
RT: 14.085 min Scan# 2068
Delta R.T. -0.005 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion:	117	Resp:	2507
Ion	Ratio	Lower	Upper
117	100		
201	58.2	33.4	100.2

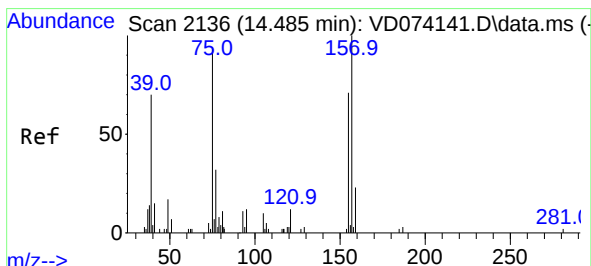
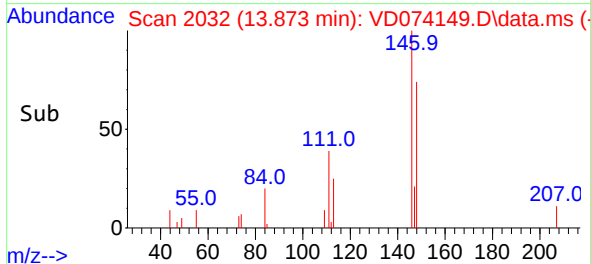
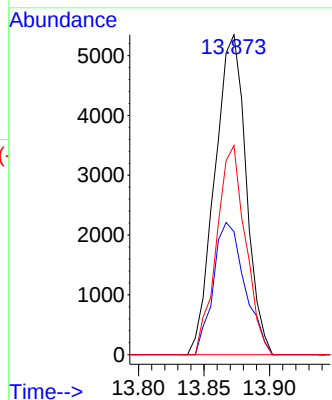
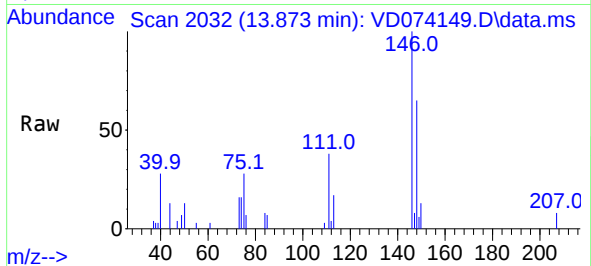




#91
1,2-Dichlorobenzene
Concen: 23.382 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

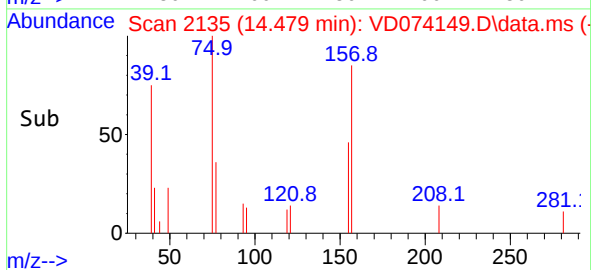
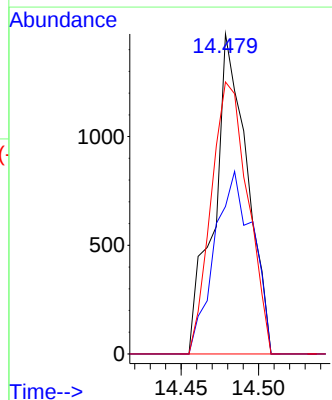
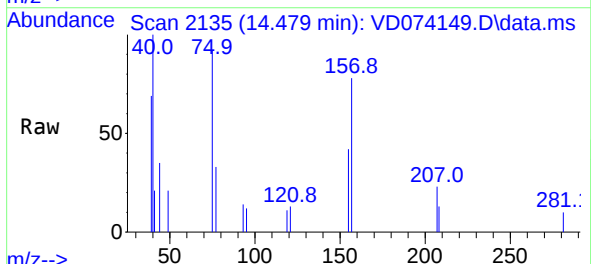
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

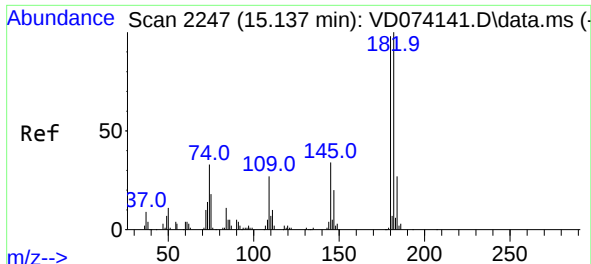
Tgt Ion:146 Resp: 8892
Ion Ratio Lower Upper
146 100
111 41.7 21.1 63.3
148 60.3 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 71.019 ug/l
RT: 14.479 min Scan# 2135
Delta R.T. -0.006 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion: 75 Resp: 2194
Ion Ratio Lower Upper
75 100
155 66.1 36.8 110.3
157 93.8 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 21.350 ug/l

RT: 15.137 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD074149.D

Acq: 19 Aug 2022 15:30

Instrument :

MSVOA_D

ClientSampleId :

VD0819SBS01

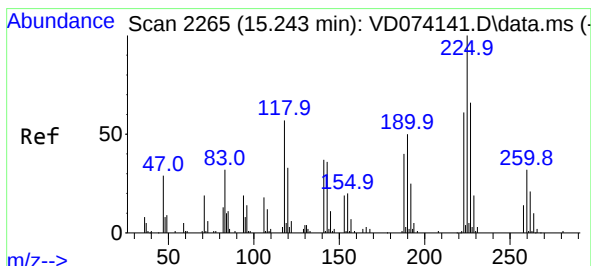
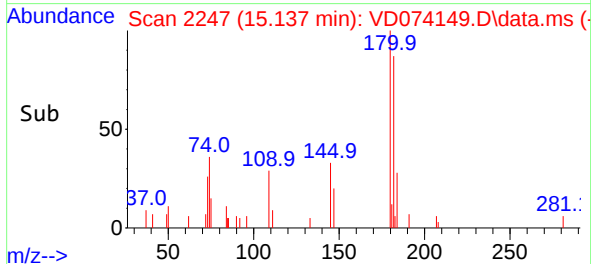
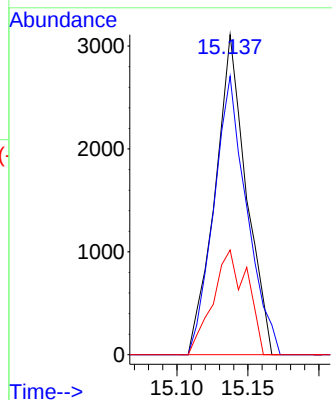
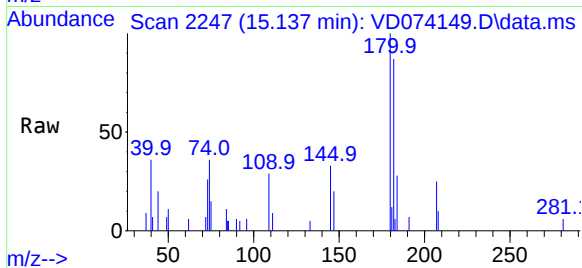
Tgt Ion:180 Resp: 4747

Ion Ratio Lower Upper

180 100

182 92.1 47.3 142.0

145 36.0 16.2 48.5



#94

Hexachlorobutadiene

Concen: 18.188 ug/l

RT: 15.237 min Scan# 2264

Delta R.T. -0.006 min

Lab File: VD074149.D

Acq: 19 Aug 2022 15:30

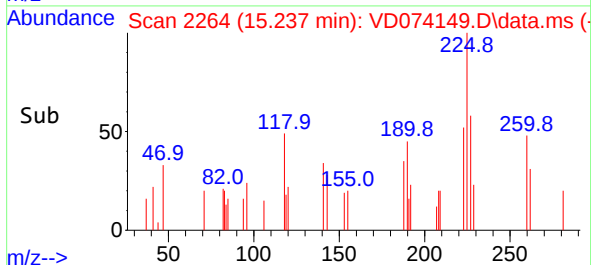
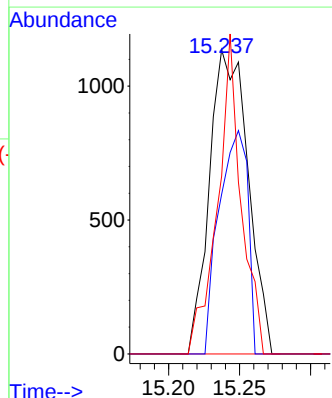
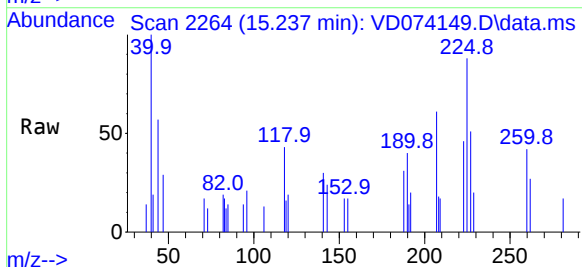
Tgt Ion:225 Resp: 2145

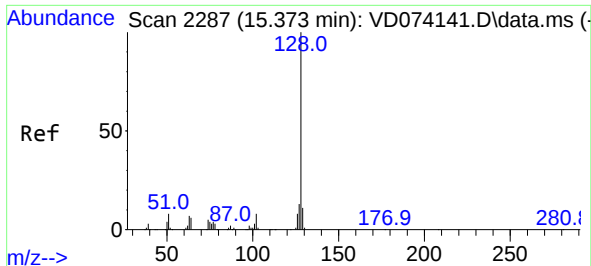
Ion Ratio Lower Upper

225 100

223 54.8 31.1 93.2

227 64.3 32.4 97.0

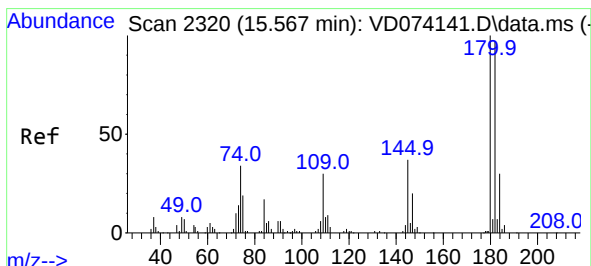
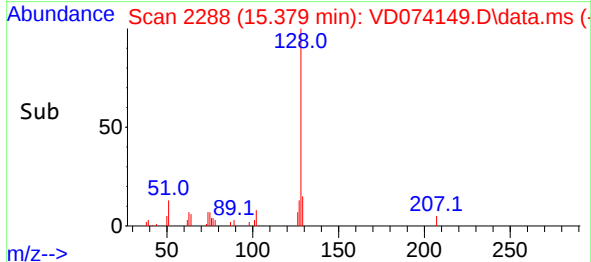
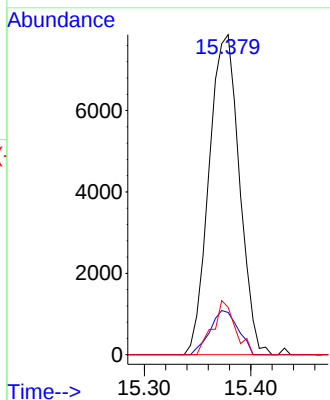
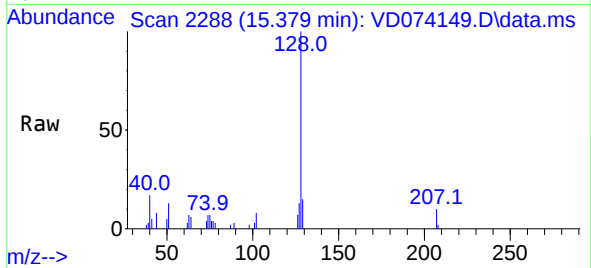




#95
Naphthalene
Concen: 34.543 ug/l
RT: 15.379 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

Tgt Ion:	128	Resp:	15556
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	12.4	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 27.774 ug/l
RT: 15.567 min Scan# 2320
Delta R.T. -0.000 min
Lab File: VD074149.D
Acq: 19 Aug 2022 15:30

Tgt Ion:	180	Resp:	5446
Ion Ratio	Lower	Upper	
180	100		
182	90.8	47.6	142.9
145	33.7	17.1	51.3

