

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081922\
 Data File : VD074147.D
 Acq On : 19 Aug 2022 14:02
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 20 01:22:48 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	7.967	168	184061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	307102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	287483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	136053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	64173	46.458	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.920%
35) Dibromofluoromethane	7.908	113	75062	49.853	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.700%
50) Toluene-d8	10.332	98	200267	47.322	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.640%
62) 4-Bromofluorobenzene	12.614	95	106927	46.531	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	89014	48.619	ug/l	100
3) Chloromethane	2.203	50	64271	38.803	ug/l	95
4) Vinyl Chloride	2.344	62	62654	40.152	ug/l	96
5) Bromomethane	2.762	94	37376	40.150	ug/l	90
6) Chloroethane	2.915	64	39769	41.930	ug/l	95
7) Trichlorofluoromethane	3.262	101	161957	45.446	ug/l	98
8) Diethyl Ether	3.709	74	42537	42.771	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.085	101	98001	46.677	ug/l	97
10) Methyl Iodide	4.291	142	102600	42.720	ug/l	99
11) Tert butyl alcohol	5.220	59	30220	221.751	ug/l #	87
12) 1,1-Dichloroethene	4.062	96	89791	45.382	ug/l	85
13) Acrolein	3.920	56	38652	229.694	ug/l	100
14) Allyl chloride	4.703	41	142080	43.639	ug/l	94
15) Acrylonitrile	5.409	53	105375	219.379	ug/l	98
16) Acetone	4.150	43	82905	209.068	ug/l	95
17) Carbon Disulfide	4.403	76	276907	41.668	ug/l	99
18) Methyl Acetate	4.709	43	53407	43.102	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	213794	46.641	ug/l	98
20) Methylene Chloride	4.956	84	122124	42.925	ug/l	91
21) trans-1,2-Dichloroethene	5.462	96	104359	45.510	ug/l	94
22) Diisopropyl ether	6.356	45	299527	46.349	ug/l	93
23) Vinyl Acetate	6.297	43	814202	224.930	ug/l	95
24) 1,1-Dichloroethane	6.256	63	186989	45.709	ug/l	99
25) 2-Butanone	7.209	43	136066	210.287	ug/l #	90
26) 2,2-Dichloropropane	7.197	77	163833	46.665	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	112352	45.715	ug/l	95
28) Bromochloromethane	7.538	49	58557	44.950	ug/l	86
29) Tetrahydrofuran	7.556	42	86684	220.895	ug/l	93
30) Chloroform	7.697	83	191904	45.474	ug/l	96
31) Cyclohexane	7.979	56	163324	41.900	ug/l	92
32) 1,1,1-Trichloroethane	7.897	97	177133	47.173	ug/l	96
36) 1,1-Dichloropropene	8.103	75	148637	47.284	ug/l	97
37) Ethyl Acetate	7.285	43	62754	44.548	ug/l	96
38) Carbon Tetrachloride	8.085	117	150853	48.526	ug/l	94
39) Methylcyclohexane	9.344	83	168852	46.084	ug/l	97
40) Benzene	8.338	78	415264	47.840	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	38894	53.655	ug/l	97
42) 1,2-Dichloroethane	8.414	62	121313	46.992	ug/l	98
43) Isopropyl Acetate	8.444	43	119222	45.700	ug/l #	93
44) Trichloroethene	9.103	130	110532	47.152	ug/l	100
45) 1,2-Dichloropropane	9.379	63	103945	47.265	ug/l	95
46) Dibromomethane	9.467	93	56940	46.434	ug/l	97
47) Bromodichloromethane	9.650	83	145556	46.949	ug/l	99
48) Methyl methacrylate	9.450	41	58965	45.864	ug/l	92
49) 1,4-Dioxane	9.450	88	13426	1021.381	ug/l	97
51) 4-Methyl-2-Pentanone	10.214	43	315412	234.927	ug/l	95
52) Toluene	10.391	92	266071	49.668	ug/l	95
53) t-1,3-Dichloropropene	10.608	75	136497	48.455	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	159063	47.308	ug/l #	89
55) 1,1,2-Trichloroethane	10.791	97	77934	48.272	ug/l	97
56) Ethyl methacrylate	10.650	69	95235	48.245	ug/l	88
57) 1,3-Dichloropropane	10.932	76	132652	46.408	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	139019	240.266	ug/l	96
59) 2-Hexanone	10.973	43	212070	236.823	ug/l	97
60) Dibromochloromethane	11.126	129	97688	48.049	ug/l	100
61) 1,2-Dibromoethane	11.232	107	74288	47.359	ug/l	99
64) Tetrachloroethene	10.867	164	92724	47.517	ug/l	97
65) Chlorobenzene	11.655	112	277091	47.384	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	103431	48.899	ug/l	100
67) Ethyl Benzene	11.732	91	500023	48.419	ug/l	98
68) m/p-Xylenes	11.844	106	390942	98.489	ug/l	98
69) o-Xylene	12.167	106	180460	48.640	ug/l	96
70) Styrene	12.179	104	313071	49.398	ug/l	98
71) Bromoform	12.344	173	56142	49.636	ug/l #	99
73) Isopropylbenzene	12.467	105	484468	48.894	ug/l	98
74) N-amyl acetate	12.273	43	112265	45.140	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.714	83	87022	45.875	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	109888	77.993	ug/l #	100
77) Bromobenzene	12.744	156	108139	47.601	ug/l	93
78) n-propylbenzene	12.802	91	601334	48.952	ug/l	98
79) 2-Chlorotoluene	12.891	91	340526	48.300	ug/l	98
80) 1,3,5-Trimethylbenzene	12.944	105	411124	49.626	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	26452	49.127	ug/l	89
82) 4-Chlorotoluene	12.991	91	358514	48.318	ug/l	100
83) tert-Butylbenzene	13.208	119	344430	49.166	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	399653	48.973	ug/l	99
85) sec-Butylbenzene	13.385	105	529234	49.696	ug/l	99
86) p-Isopropyltoluene	13.496	119	441114	49.893	ug/l	99
87) 1,3-Dichlorobenzene	13.496	146	219478	48.404	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	219150	48.402	ug/l	99
89) n-Butylbenzene	13.826	91	420315	48.748	ug/l	99
90) Hexachloroethane	14.091	117	84677	49.003	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	186973	46.656	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	14573	44.765	ug/l	94
93) 1,2,4-Trichlorobenzene	15.137	180	111553	47.612	ug/l	98
94) Hexachlorobutadiene	15.243	225	61035	49.113	ug/l	100
95) Naphthalene	15.379	128	217752	45.886	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	100643	48.708	ug/l	98

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QLast Update : Fri Aug 19 09:25:06 2022
Response via : Initial Calibration

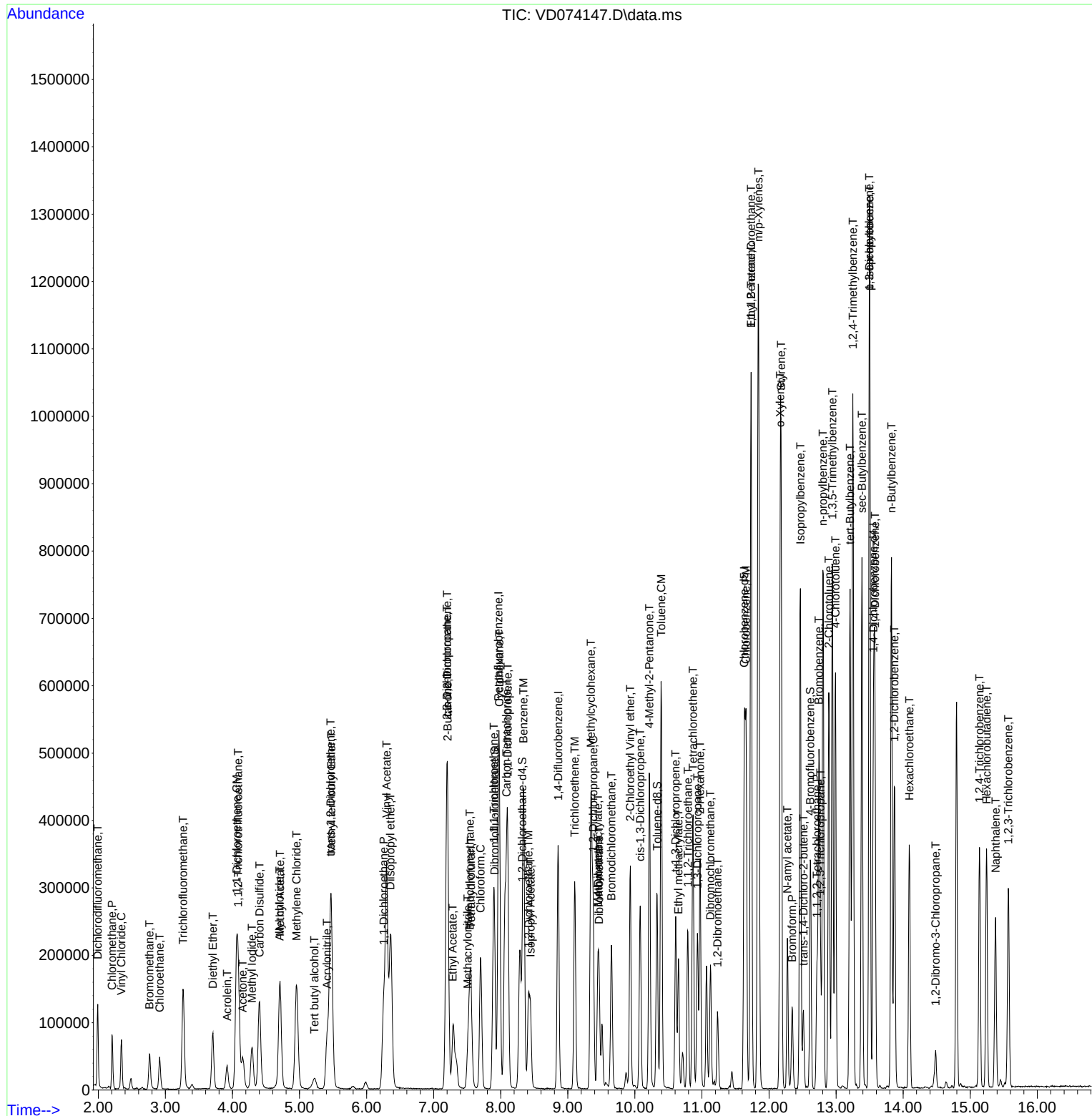
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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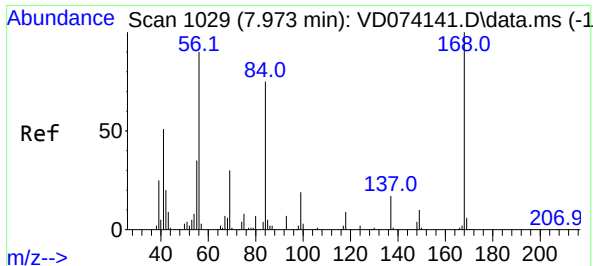
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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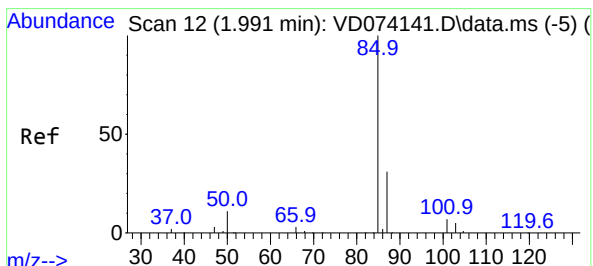
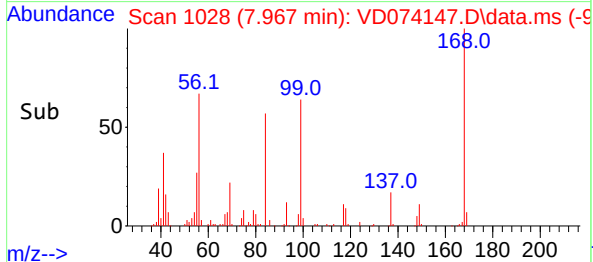
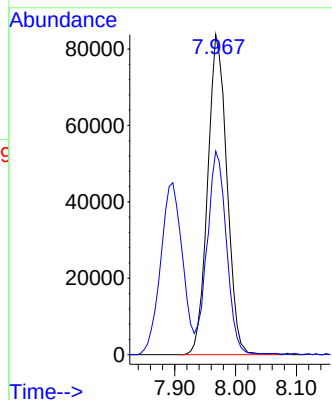
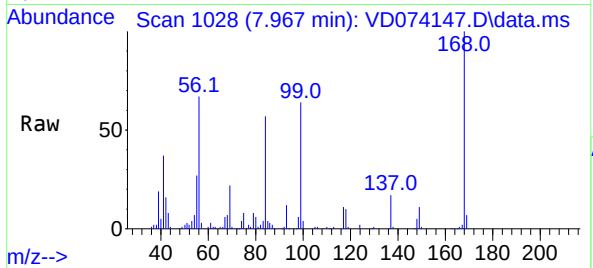




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD074147.D
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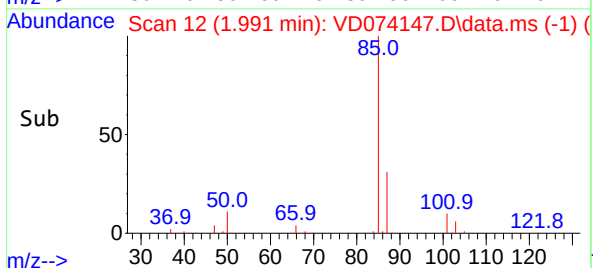
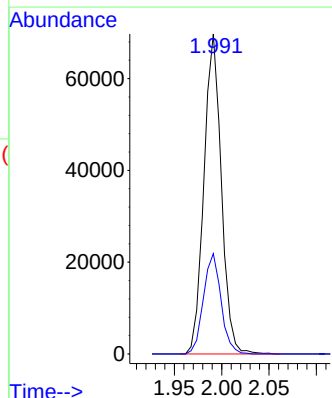
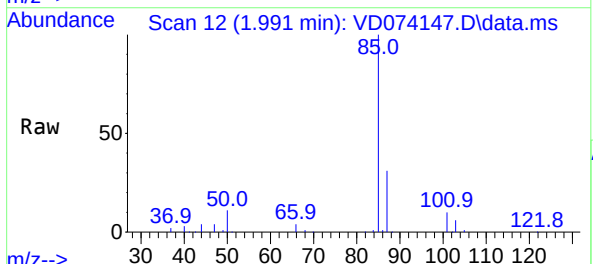
Instrument :
MSVOA_D
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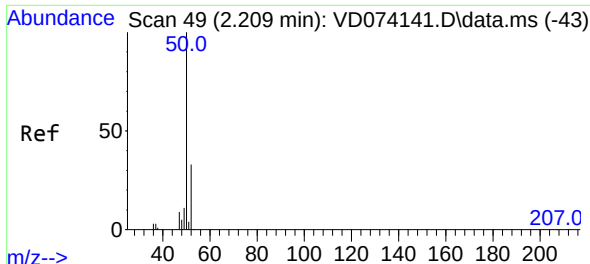
Tgt Ion:168 Resp: 184061
Ion Ratio Lower Upper
168 100
99 63.4 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 48.619 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion: 85 Resp: 89014
Ion Ratio Lower Upper
85 100
87 31.3 15.7 47.0

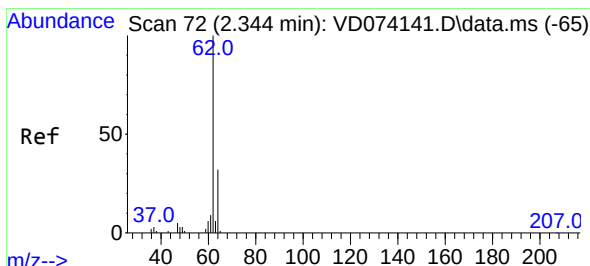
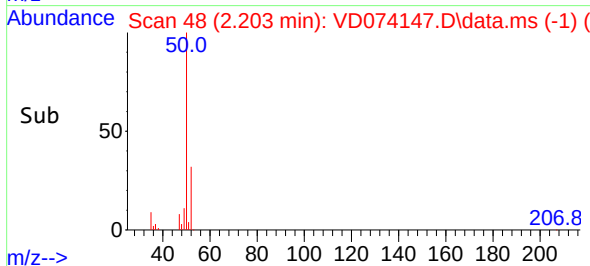
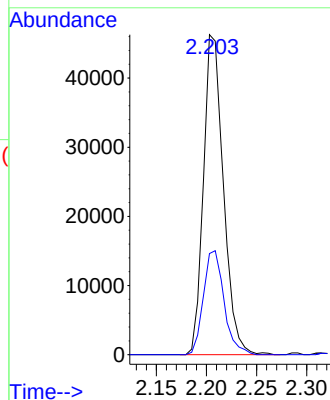
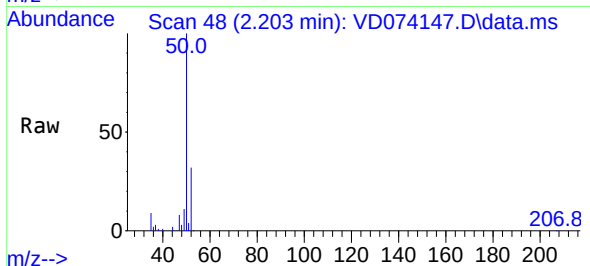




#3
Chloromethane
Concen: 38.803 ug/l
RT: 2.203 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

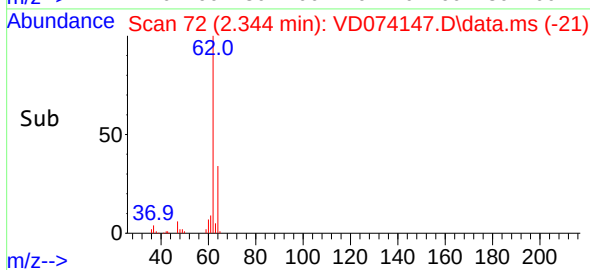
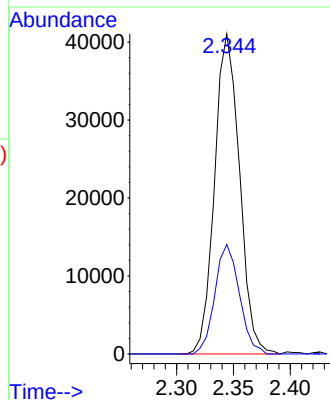
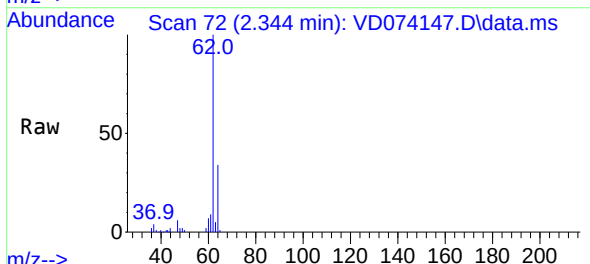
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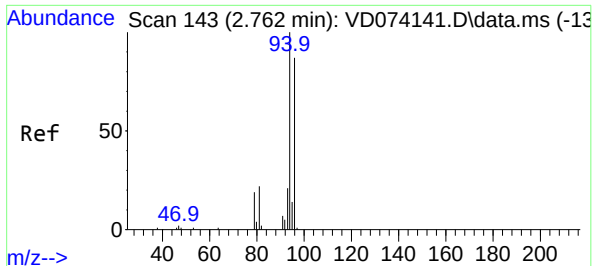
Tgt Ion: 50 Resp: 64271
Ion Ratio Lower Upper
50 100
52 31.6 27.4 41.0



#4
Vinyl Chloride
Concen: 40.152 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion: 62 Resp: 62654
Ion Ratio Lower Upper
62 100
64 34.2 25.4 38.0

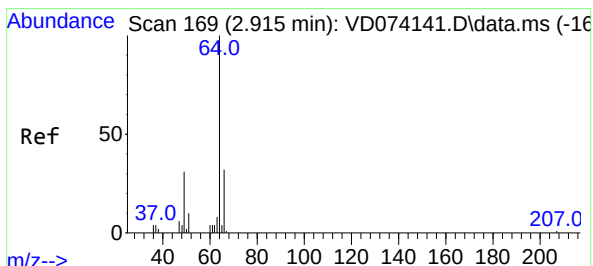
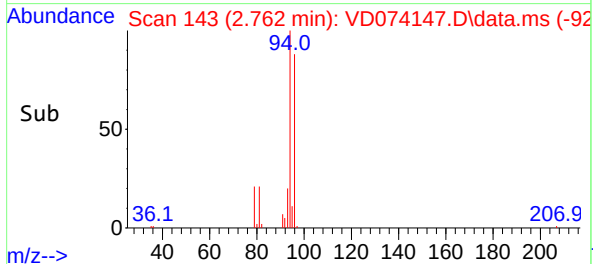
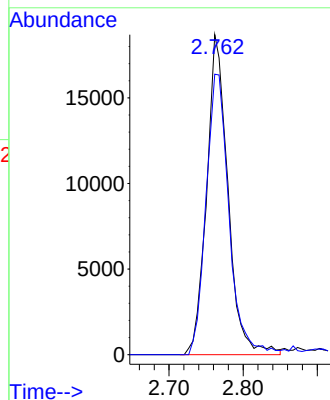
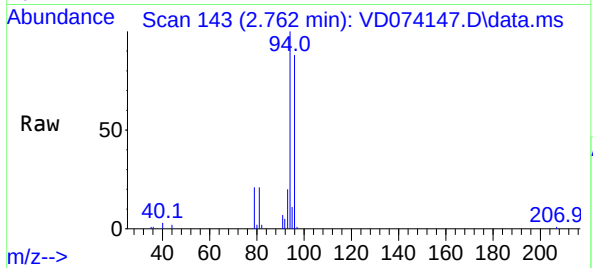




#5
Bromomethane
Concen: 40.150 ug/l
RT: 2.762 min Scan# 143
Delta R.T. -0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

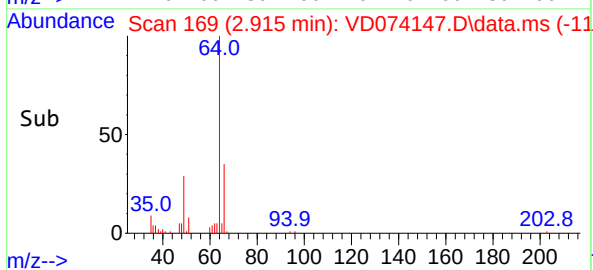
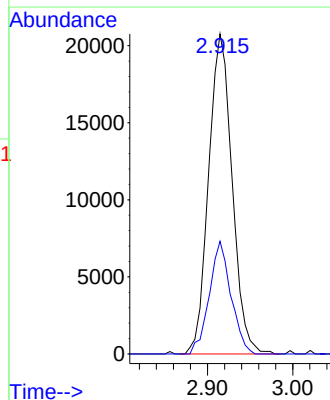
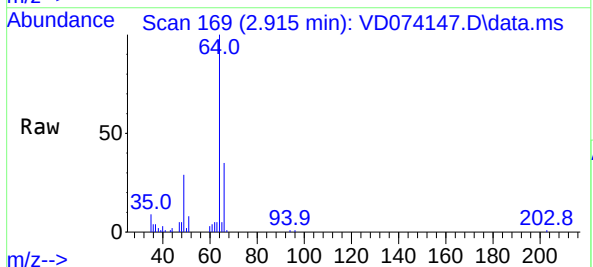
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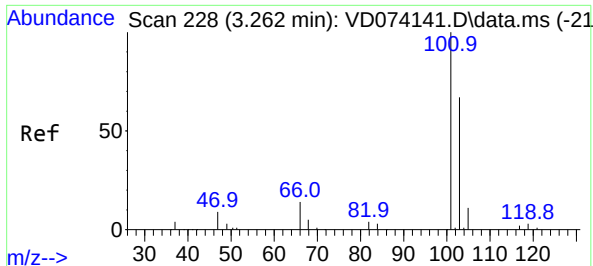
Tgt Ion: 94 Resp: 37376
Ion Ratio Lower Upper
94 100
96 87.6 77.6 116.4



#6
Chloroethane
Concen: 41.930 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion: 64 Resp: 39769
Ion Ratio Lower Upper
64 100
66 35.2 25.9 38.9

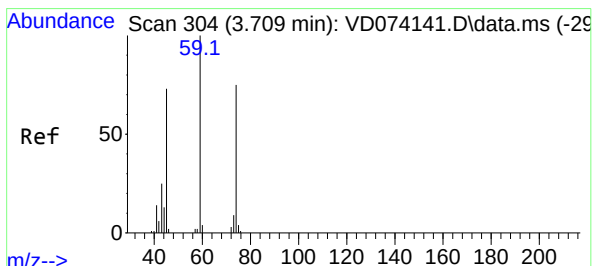
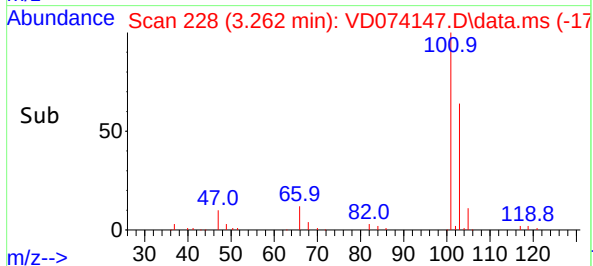
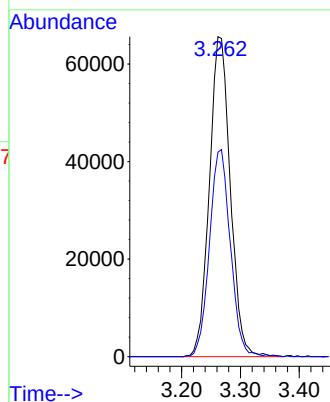
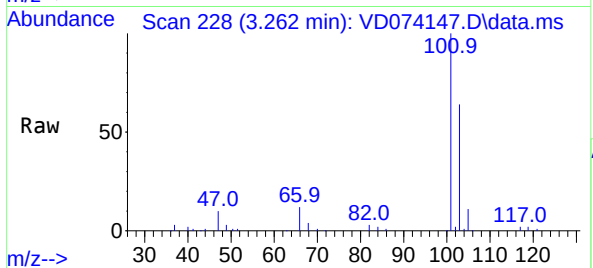




#7
Trichlorofluoromethane
Concen: 45.446 ug/l
RT: 3.262 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

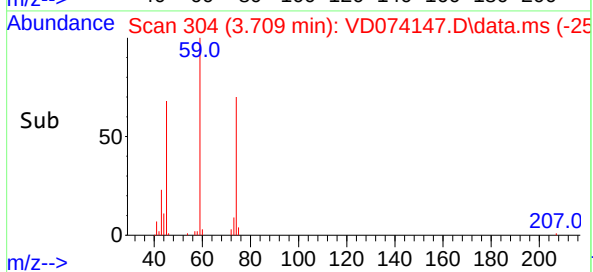
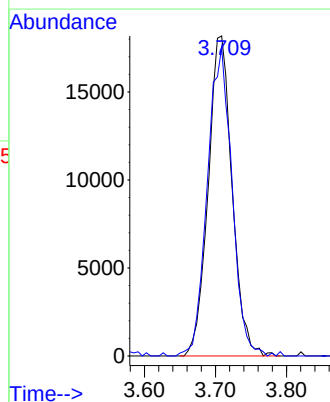
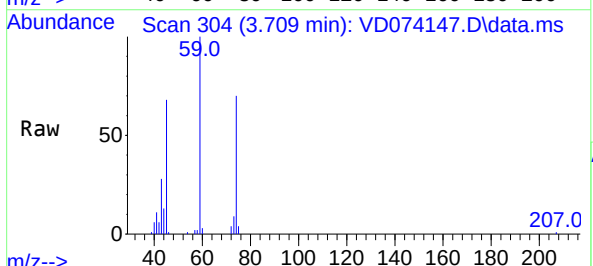
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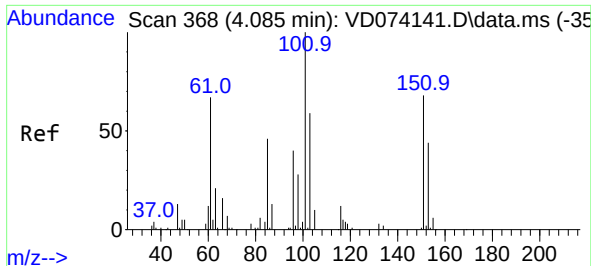
Tgt Ion:101 Resp: 161957
Ion Ratio Lower Upper
101 100
103 63.9 50.1 75.1



#8
Diethyl Ether
Concen: 42.771 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion: 74 Resp: 42537
Ion Ratio Lower Upper
74 100
45 99.1 52.6 157.8



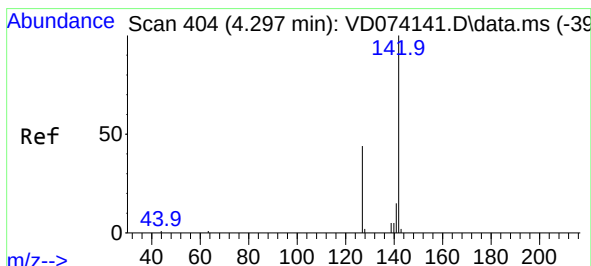
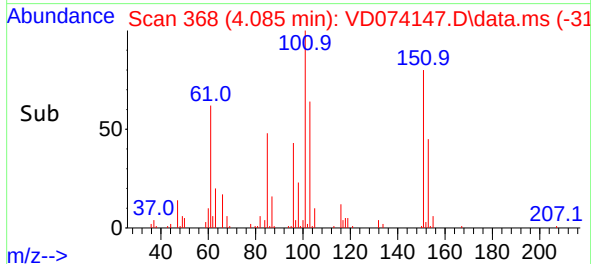
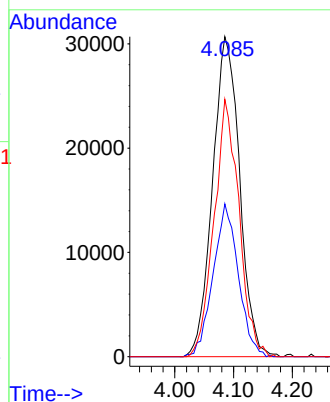
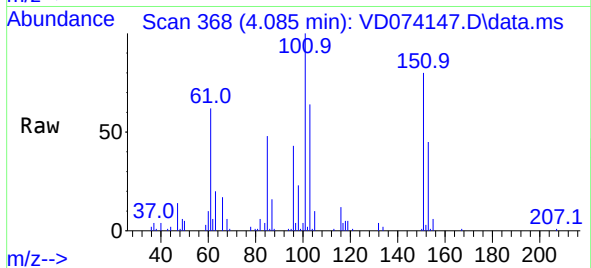


#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.677 ug/l
RT: 4.085 min Scan# 30
Delta R.T. 0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 98001

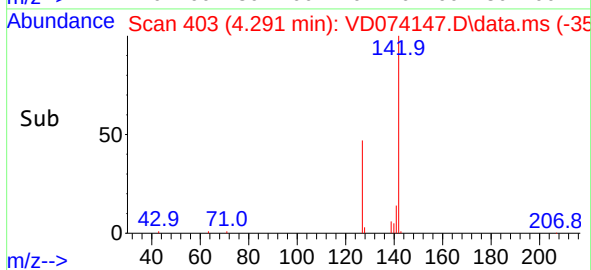
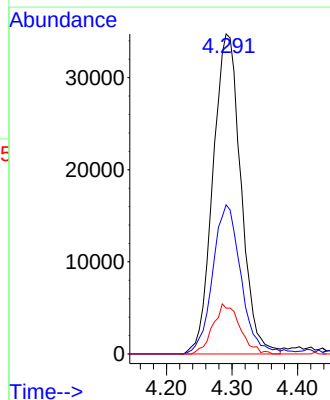
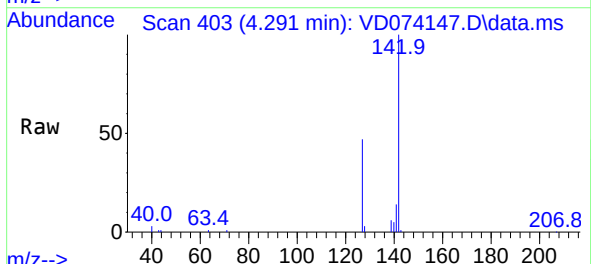
Ion	Ratio	Lower	Upper
101	100		
85	44.6	36.4	54.6
151	74.4	57.3	85.9

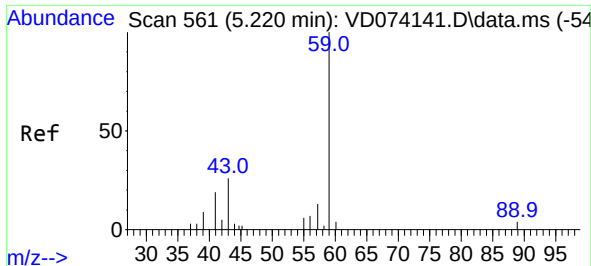


#10
Methyl Iodide
Concen: 42.720 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion:142 Resp: 102600

Ion	Ratio	Lower	Upper
142	100		
127	47.5	37.3	55.9
141	15.1	11.7	17.5

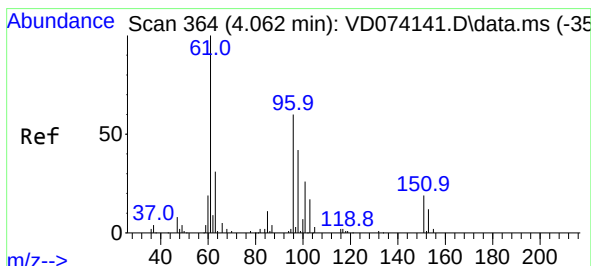
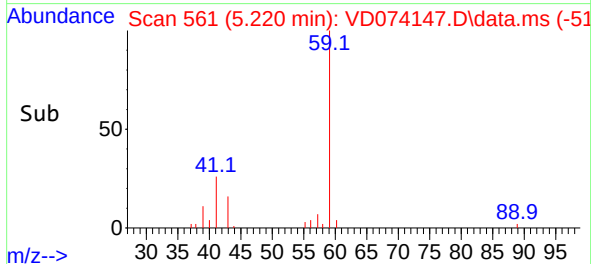
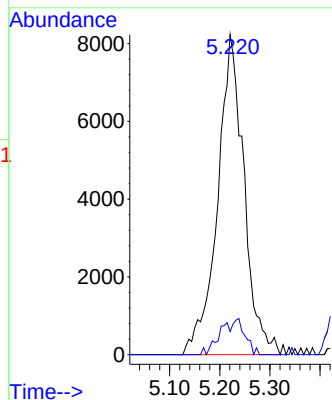
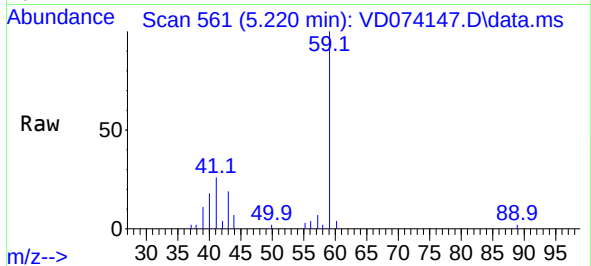




#11
Tert butyl alcohol
Concen: 221.751 ug/l
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

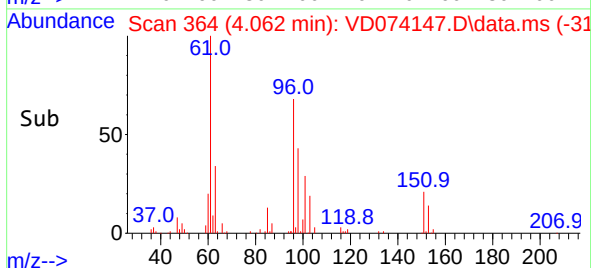
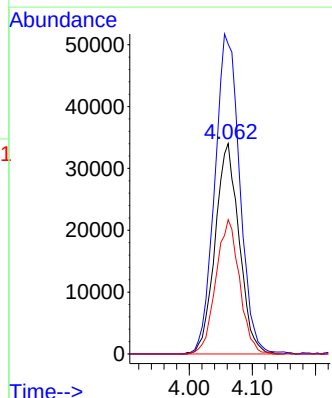
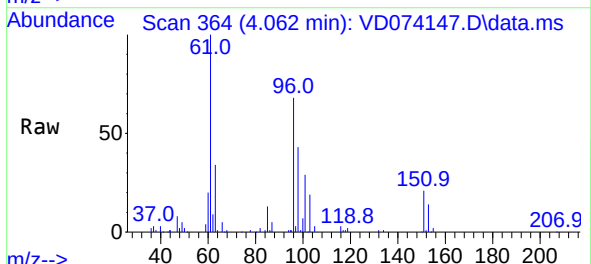
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

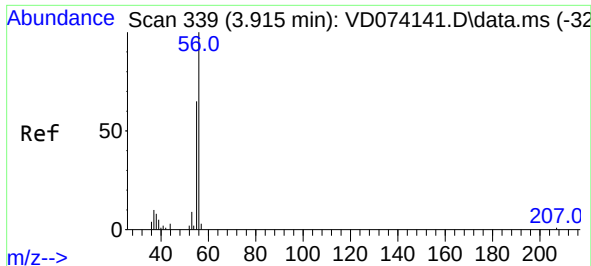
Tgt Ion: 59 Resp: 30220
Ion Ratio Lower Upper
59 100
57 5.0 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 45.382 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion: 96 Resp: 89791
Ion Ratio Lower Upper
96 100
61 147.2 138.5 207.7
98 63.8 48.6 73.0

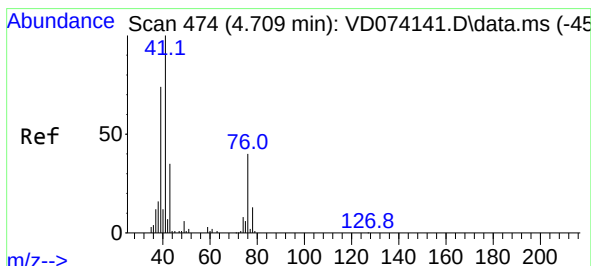
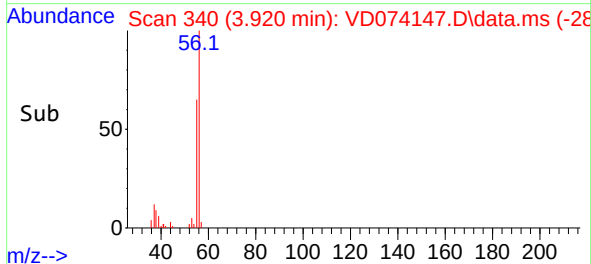
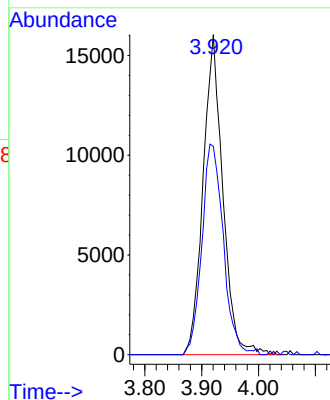
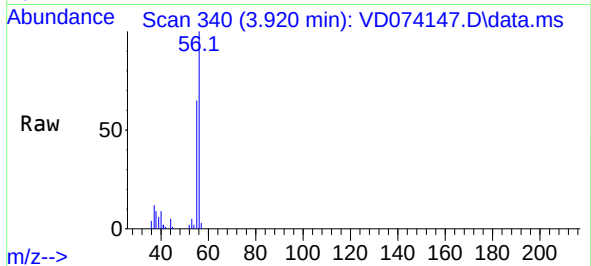




#13
Acrolein
Concen: 229.694 ug/l
RT: 3.920 min Scan# 34
Delta R.T. 0.005 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

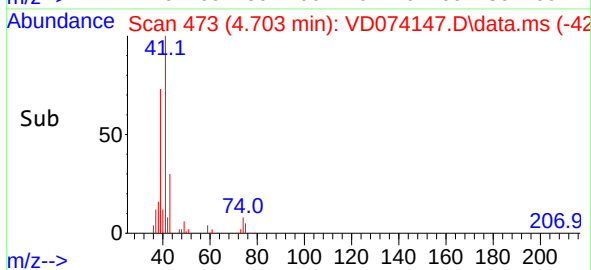
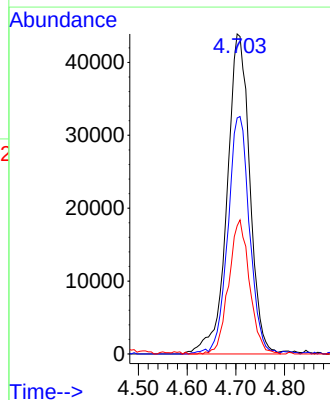
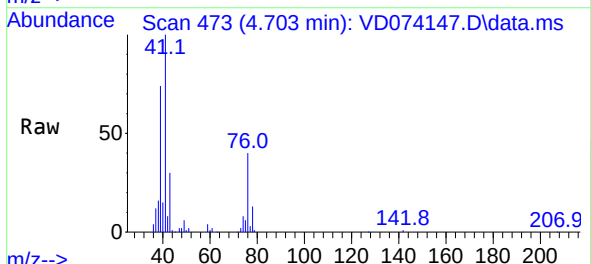
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

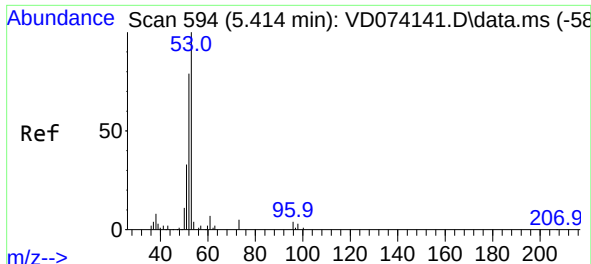
Tgt Ion: 56 Resp: 38652
Ion Ratio Lower Upper
56 100
55 71.7 57.1 85.7



#14
Allyl chloride
Concen: 43.639 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.006 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion: 41 Resp: 142080
Ion Ratio Lower Upper
41 100
39 70.9 59.3 88.9
76 38.5 25.7 38.5





#15

Acrylonitrile

Concen: 219.379 ug/l

RT: 5.409 min Scan# 51

Delta R.T. -0.005 min

Lab File: VD074147.D

Acq: 19 Aug 2022 14:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

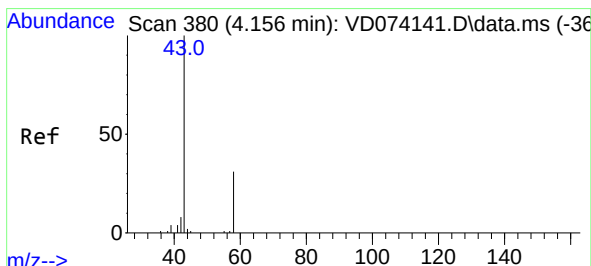
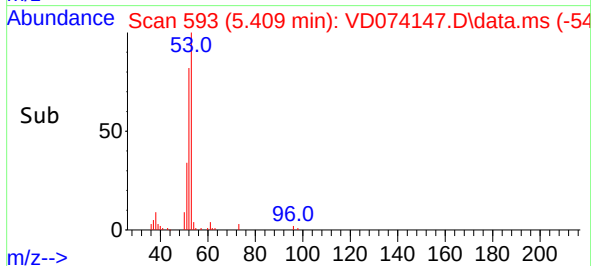
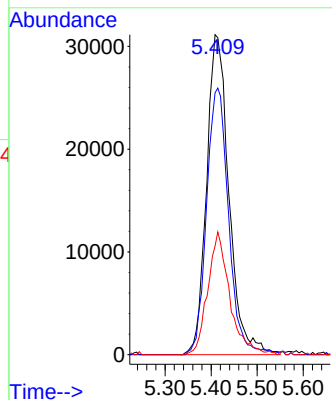
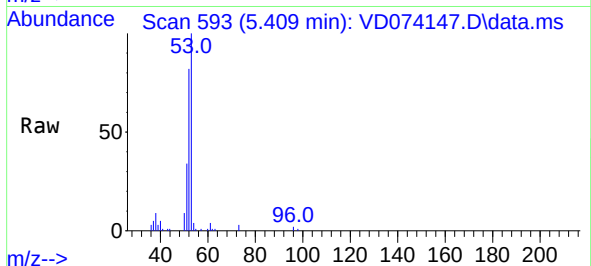
Tgt Ion: 53 Resp: 105375

Ion Ratio Lower Upper

53 100

52 82.1 67.2 100.8

51 37.5 30.3 45.5



#16

Acetone

Concen: 209.068 ug/l

RT: 4.150 min Scan# 379

Delta R.T. -0.006 min

Lab File: VD074147.D

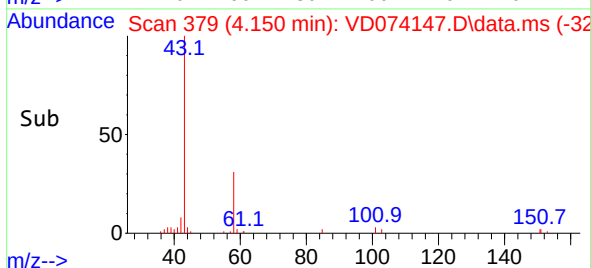
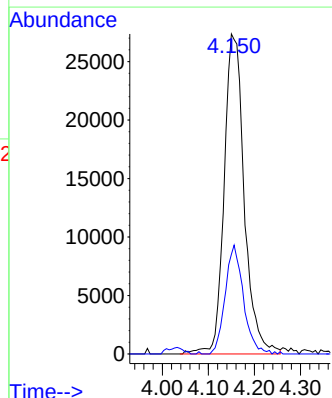
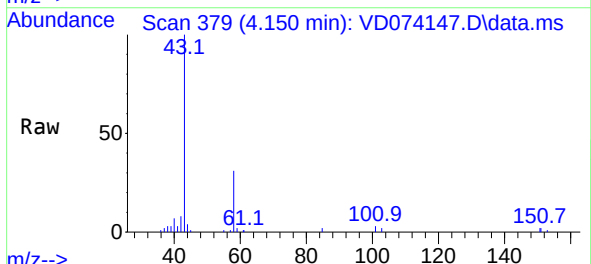
Acq: 19 Aug 2022 14:02

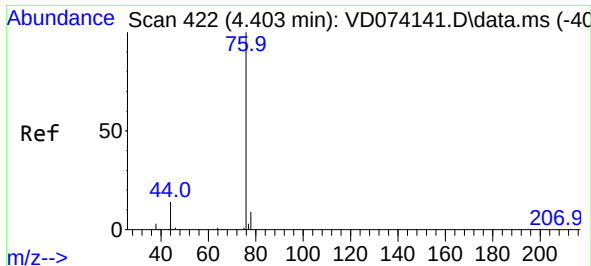
Tgt Ion: 43 Resp: 82905

Ion Ratio Lower Upper

43 100

58 30.5 22.1 33.1

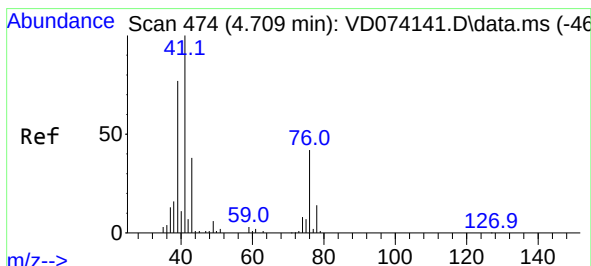
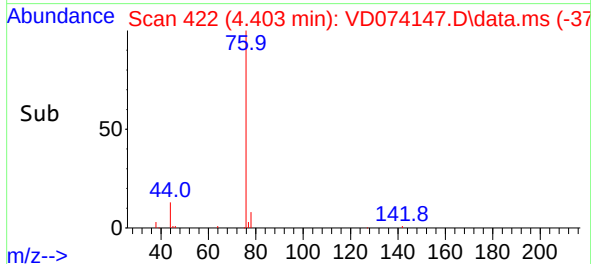
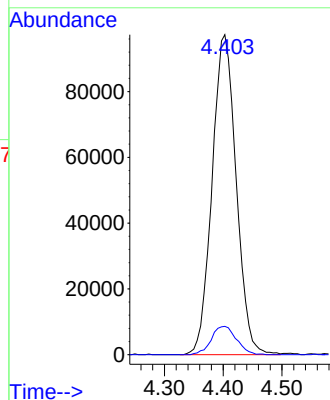
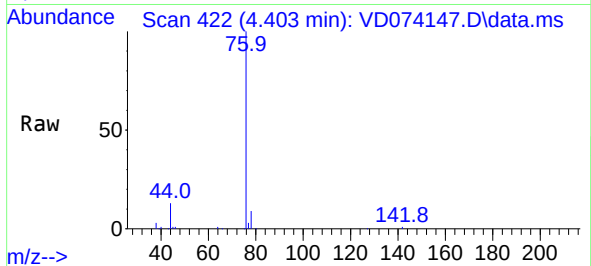




#17
Carbon Disulfide
Concen: 41.668 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

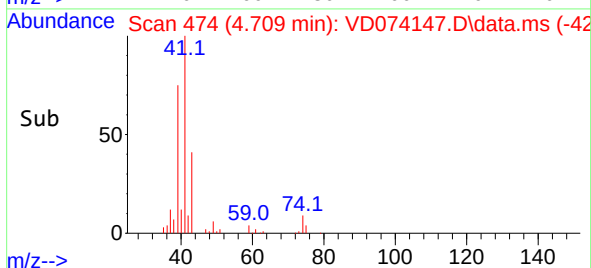
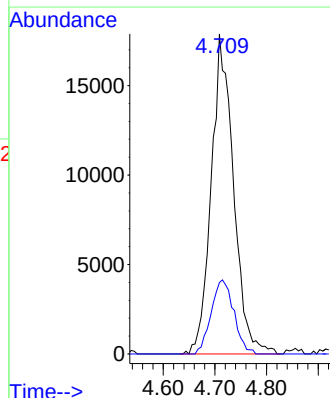
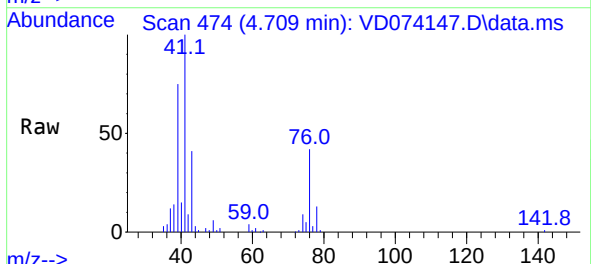
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

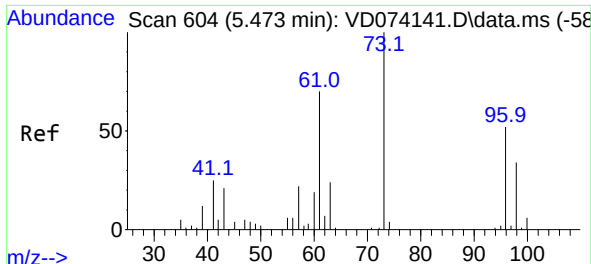
Tgt Ion: 76 Resp: 276907
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 43.102 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion: 43 Resp: 53407
Ion Ratio Lower Upper
43 100
74 23.6 16.7 25.1

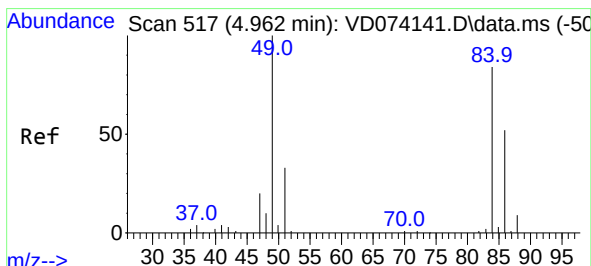
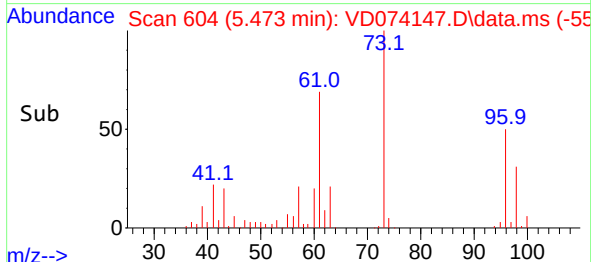
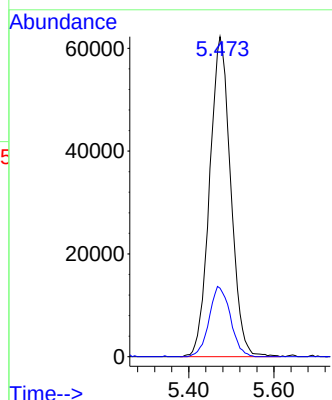
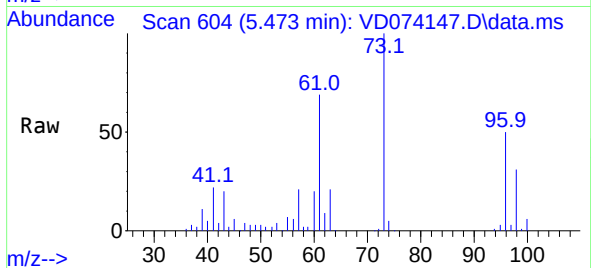




#19
Methyl tert-butyl Ether
Concen: 46.641 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

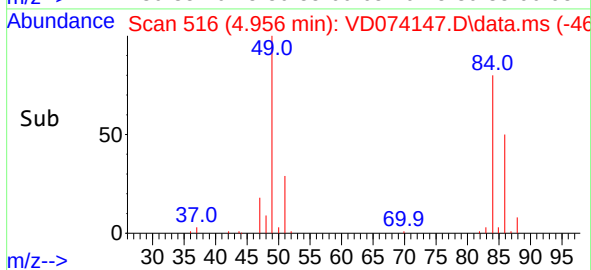
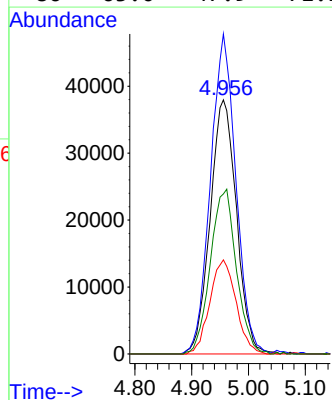
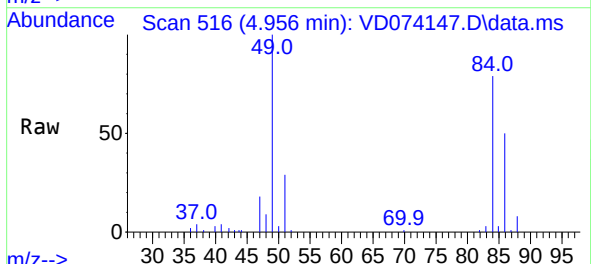
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

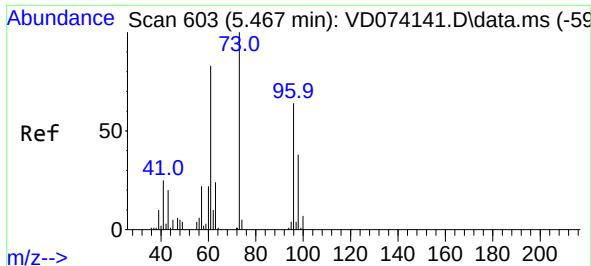
Tgt Ion: 73 Resp: 213794
Ion Ratio Lower Upper
73 100
57 21.4 18.0 27.0



#20
Methylene Chloride
Concen: 42.925 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion: 84 Resp: 122124
Ion Ratio Lower Upper
84 100
49 125.9 112.8 169.2
51 37.0 32.6 48.8
86 63.0 47.9 71.9

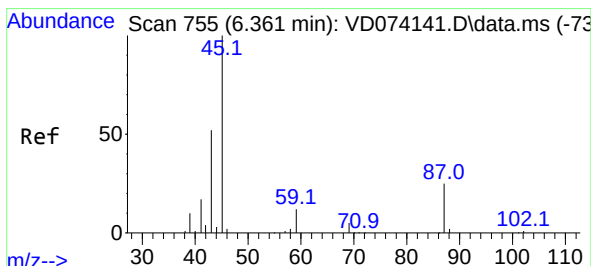
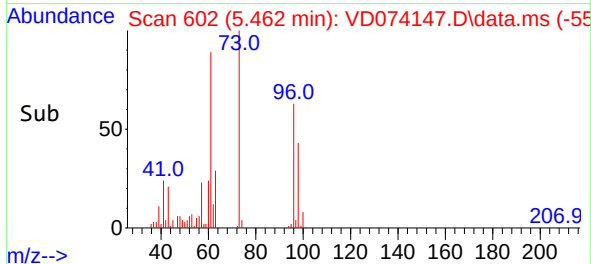
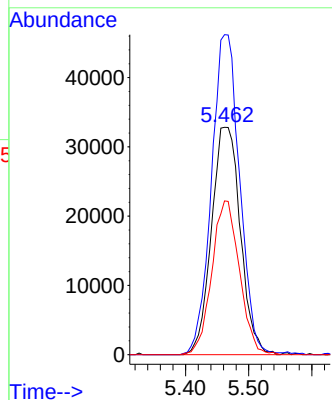
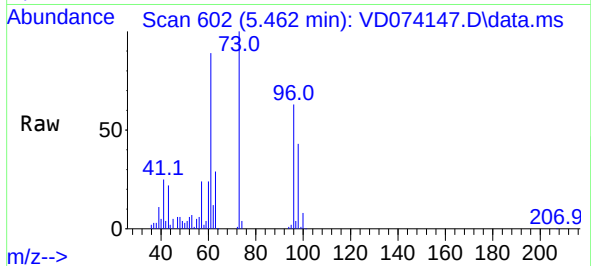




#21
trans-1,2-Dichloroethene
Concen: 45.510 ug/l
RT: 5.462 min Scan# 603
Delta R.T. -0.005 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

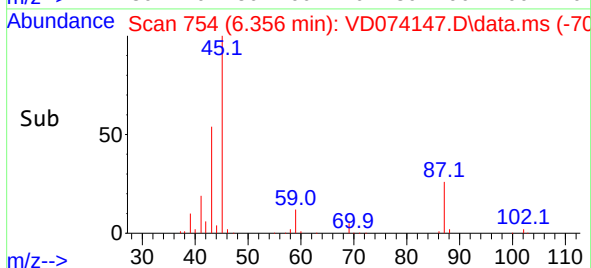
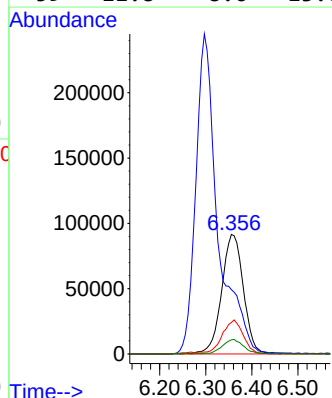
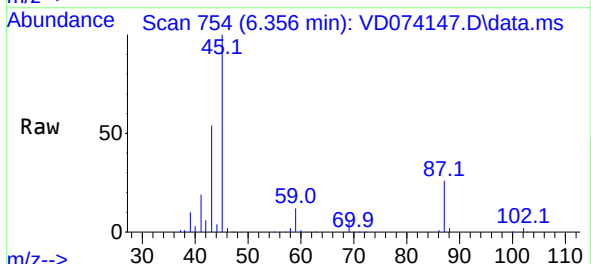
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

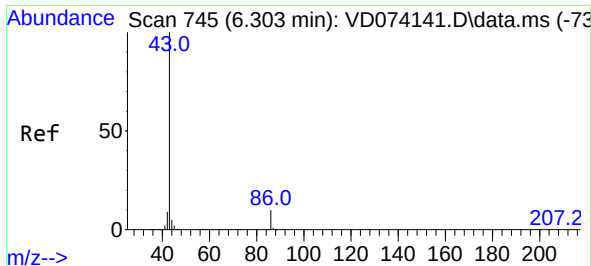
Tgt Ion: 96 Resp: 104359
Ion Ratio Lower Upper
96 100
61 140.7 117.9 176.9
98 67.6 49.4 74.2



#22
Diisopropyl ether
Concen: 46.349 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.005 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion: 45 Resp: 299527
Ion Ratio Lower Upper
45 100
43 52.9 46.6 70.0
87 26.4 18.4 27.6
59 11.8 8.6 13.0

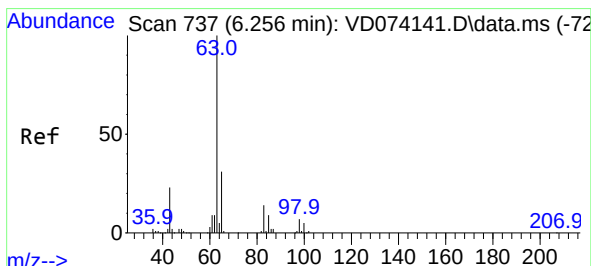
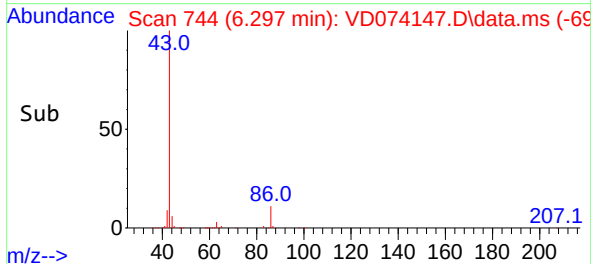
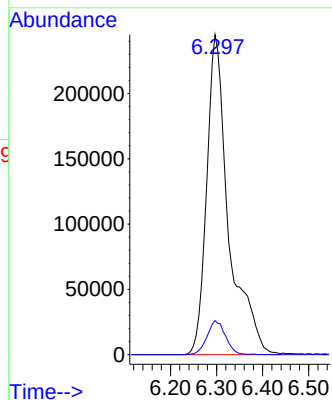
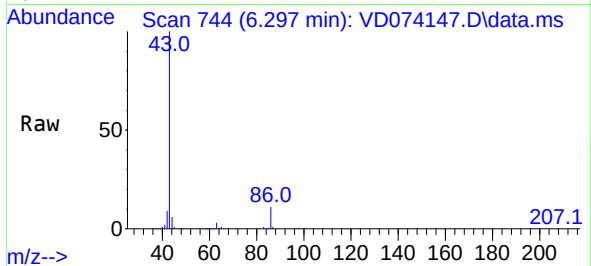




#23
 Vinyl Acetate
 Concen: 224.930 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.006 min
 Lab File: VD074147.D
 Acq: 19 Aug 2022 14:02

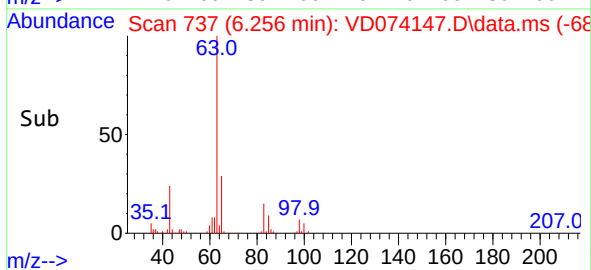
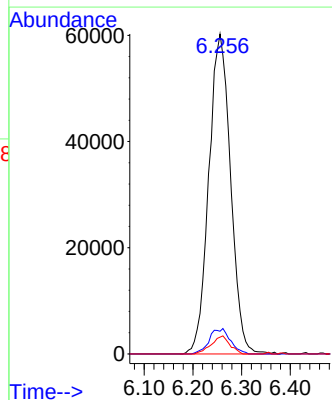
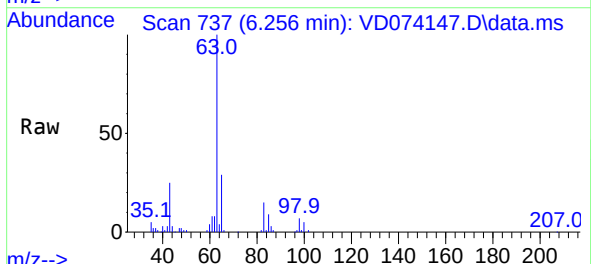
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

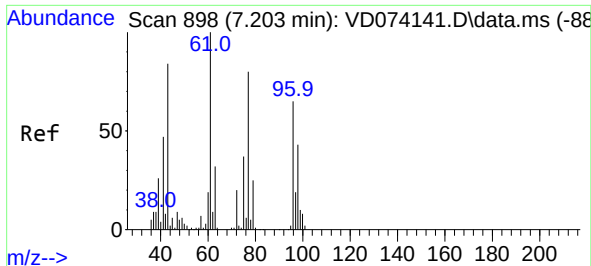
Tgt Ion: 43 Resp: 814202
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 45.709 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.000 min
 Lab File: VD074147.D
 Acq: 19 Aug 2022 14:02

Tgt Ion: 63 Resp: 186989
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 5.2 2.1 6.5





#25

2-Butanone

Concen: 210.287 ug/l

RT: 7.209 min Scan# 899

Delta R.T. 0.006 min

Lab File: VD074147.D

Acq: 19 Aug 2022 14:02

Instrument :

MSVOA_D

ClientSampleId :

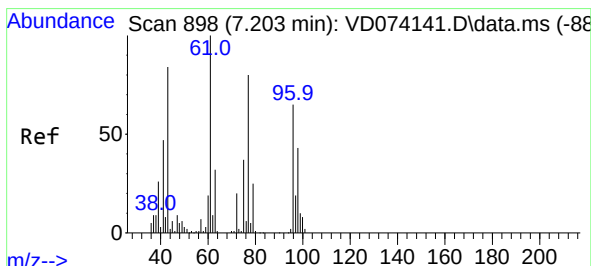
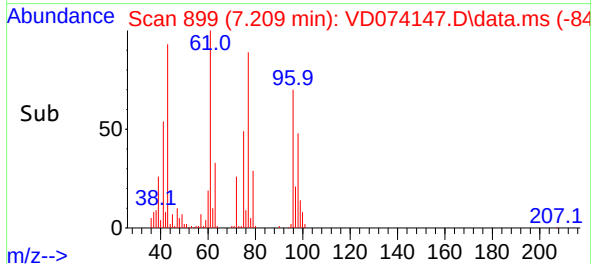
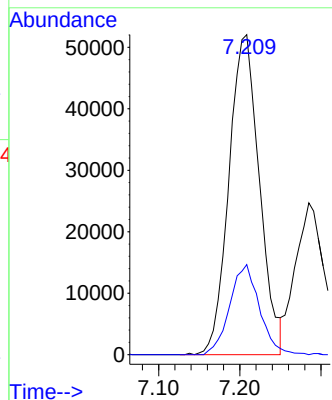
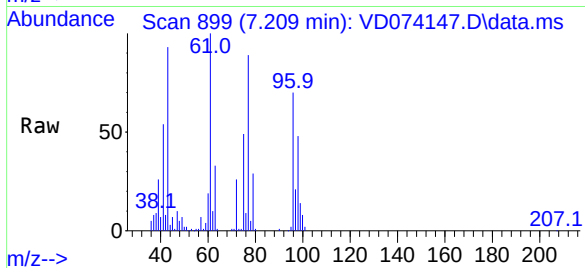
VSTDCCC050

Tgt Ion: 43 Resp: 136066

Ion Ratio Lower Upper

43 100

72 28.2 18.6 27.8#



#26

2,2-Dichloropropane

Concen: 46.665 ug/l

RT: 7.197 min Scan# 897

Delta R.T. -0.006 min

Lab File: VD074147.D

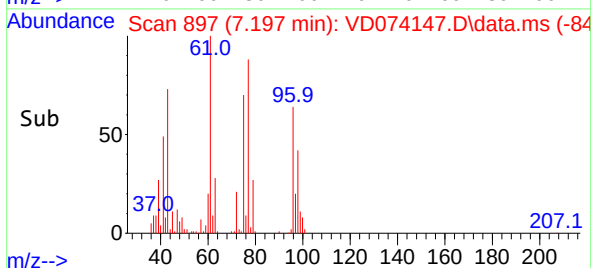
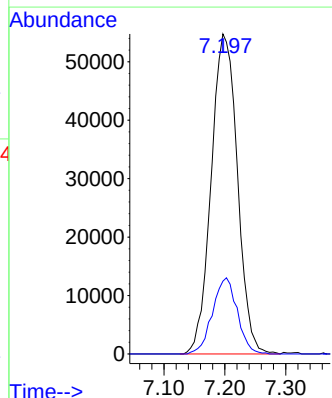
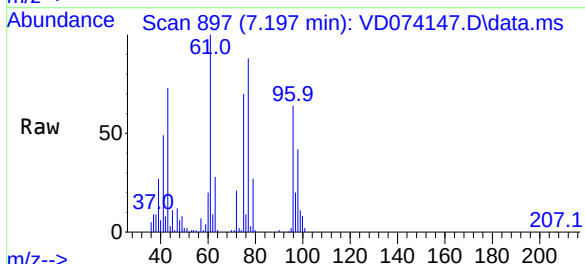
Acq: 19 Aug 2022 14:02

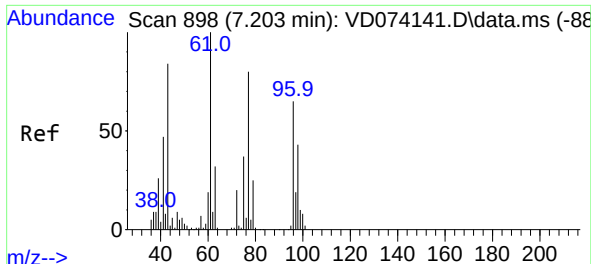
Tgt Ion: 77 Resp: 163833

Ion Ratio Lower Upper

77 100

97 22.5 10.8 32.4

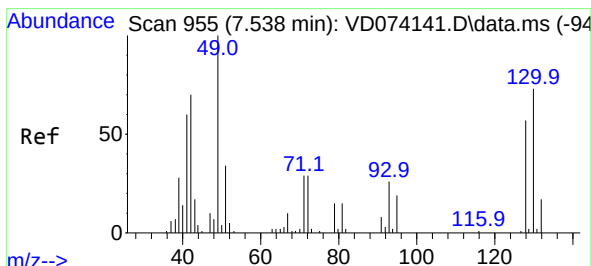
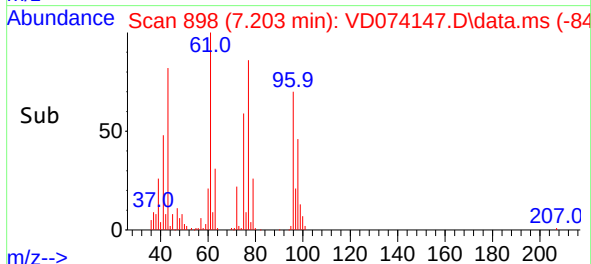
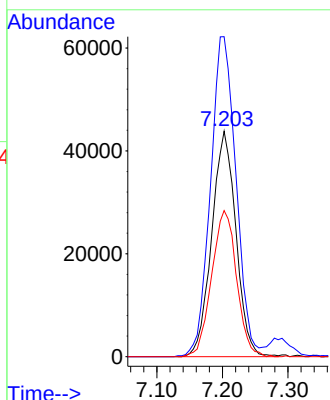
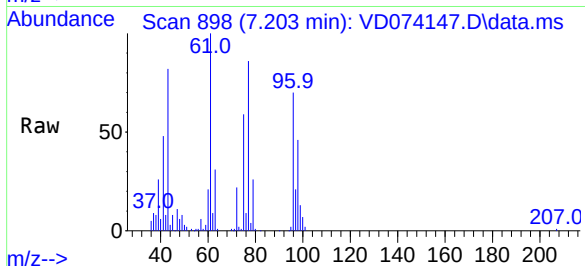




#27
cis-1,2-Dichloroethene
Concen: 45.715 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

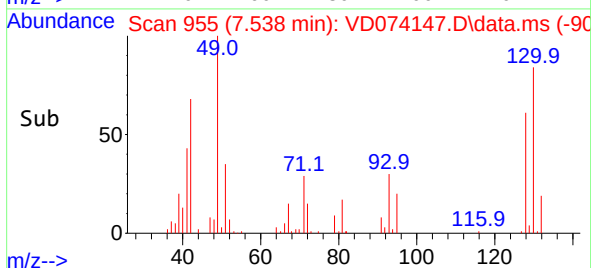
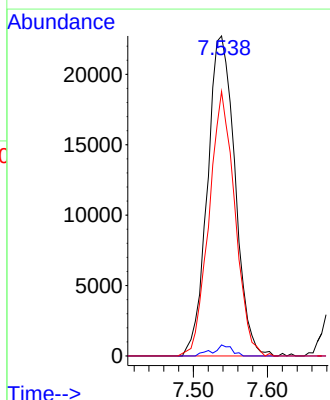
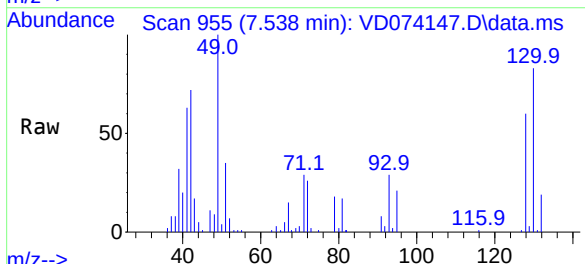
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

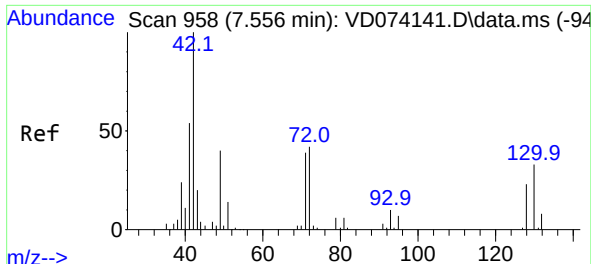
Tgt Ion: 96 Resp: 112352
Ion Ratio Lower Upper
96 100
61 149.4 0.0 313.8
98 66.7 0.0 128.8



#28
Bromochloromethane
Concen: 44.950 ug/l
RT: 7.538 min Scan# 955
Delta R.T. -0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion: 49 Resp: 58557
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.0
130 77.5 52.6 79.0

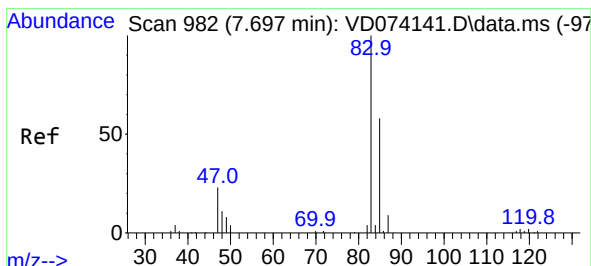
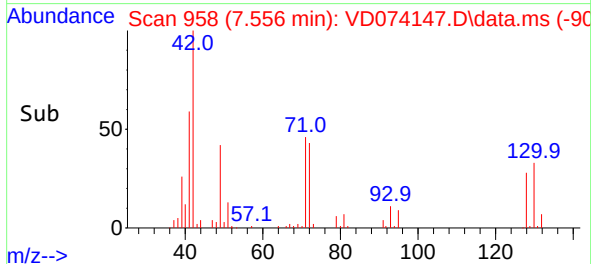
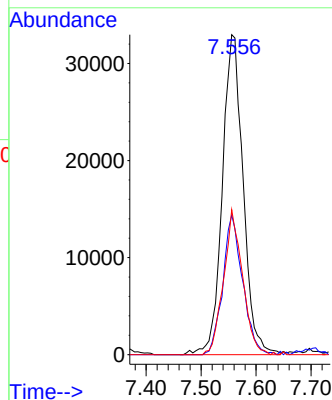
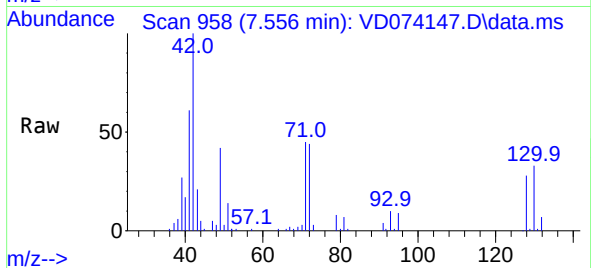




#29
Tetrahydrofuran
Concen: 220.895 ug/l
RT: 7.556 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

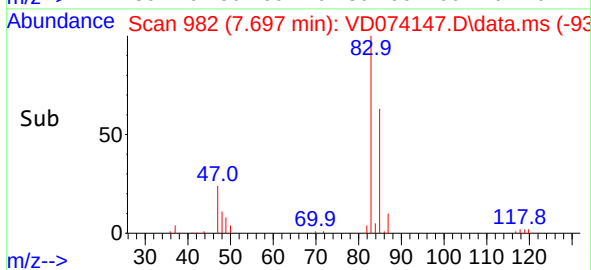
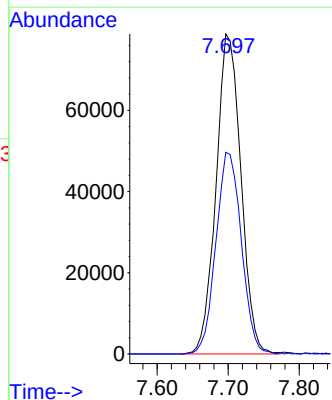
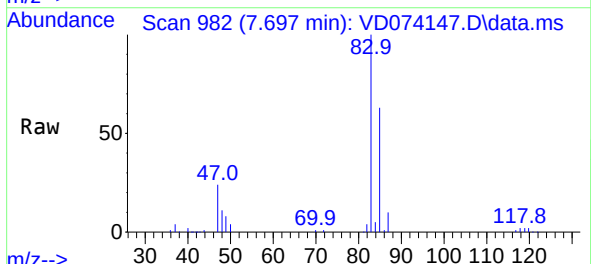
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

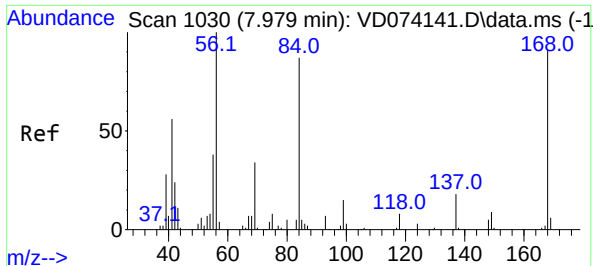
Tgt Ion: 42 Resp: 86684
Ion Ratio Lower Upper
42 100
72 41.5 30.7 46.1
71 41.5 28.6 43.0



#30
Chloroform
Concen: 45.474 ug/l
RT: 7.697 min Scan# 982
Delta R.T. -0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion: 83 Resp: 191904
Ion Ratio Lower Upper
83 100
85 63.0 52.7 79.1

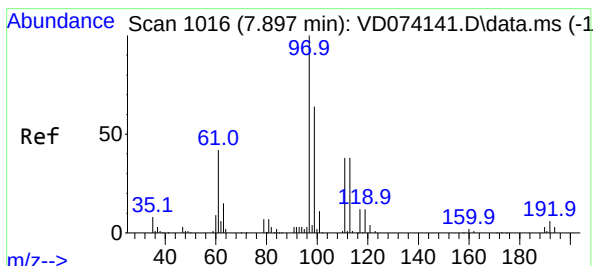
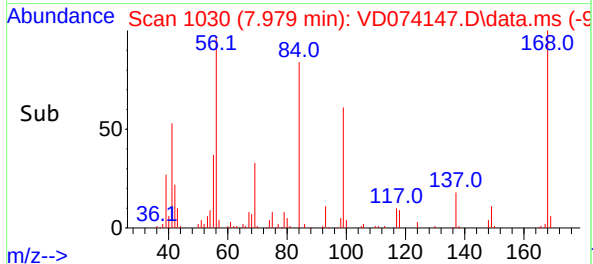
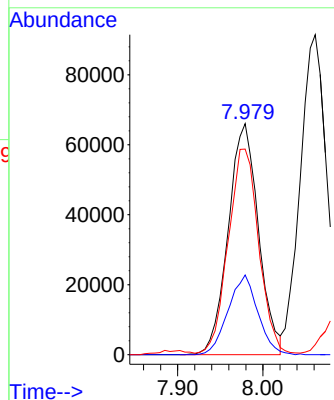
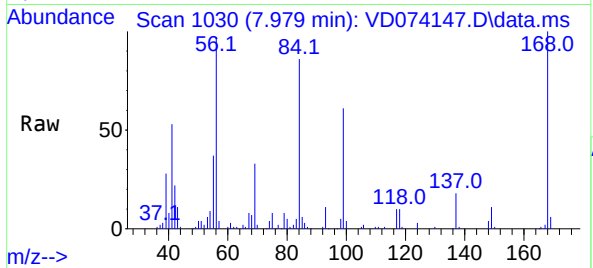




#31
Cyclohexane
Concen: 41.900 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

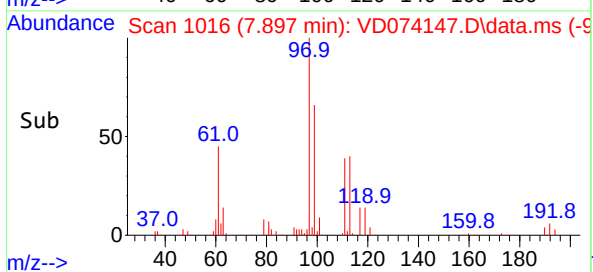
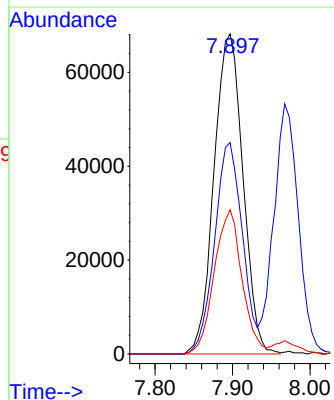
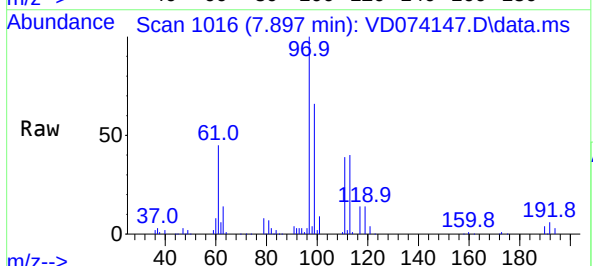
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

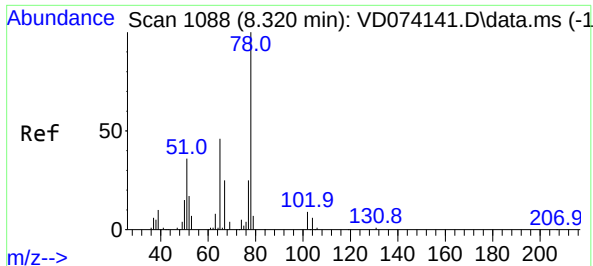
Tgt Ion: 56 Resp: 163324
Ion Ratio Lower Upper
56 100
69 34.5 25.4 38.2
84 87.2 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 47.173 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion: 97 Resp: 177133
Ion Ratio Lower Upper
97 100
99 63.5 52.4 78.6
61 43.3 38.0 57.0

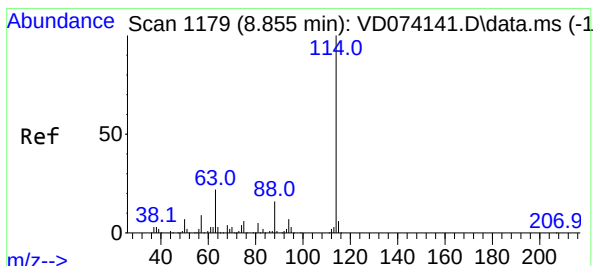
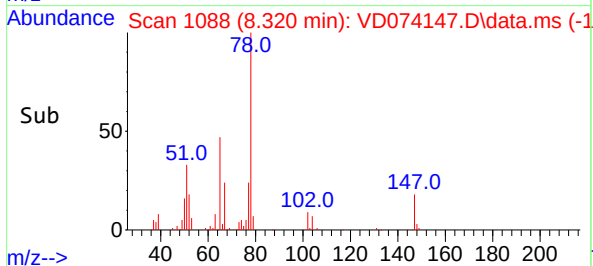
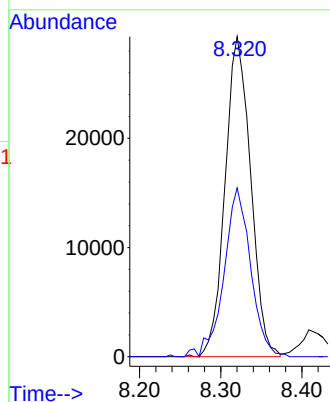
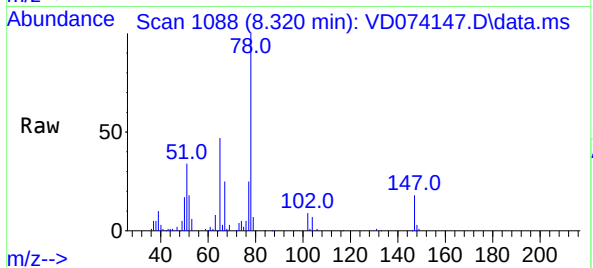




#33
1,2-Dichloroethane-d4
Concen: 46.458 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

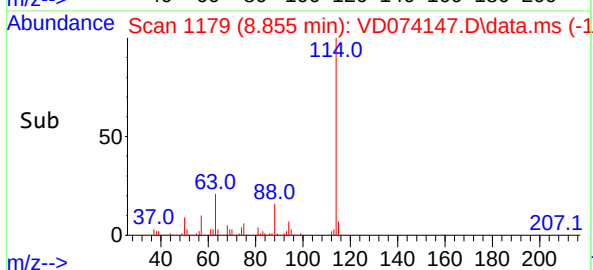
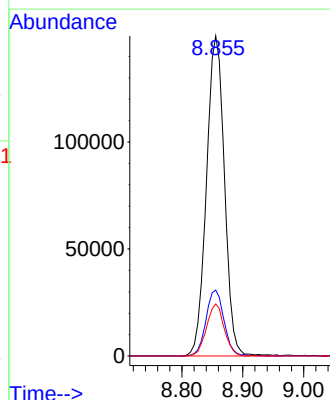
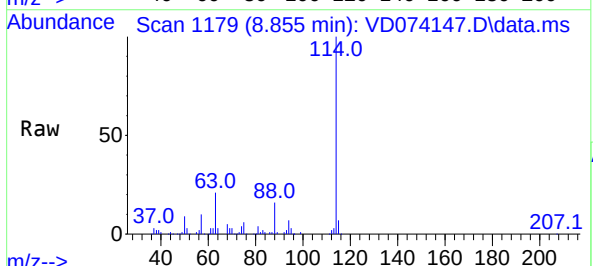
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

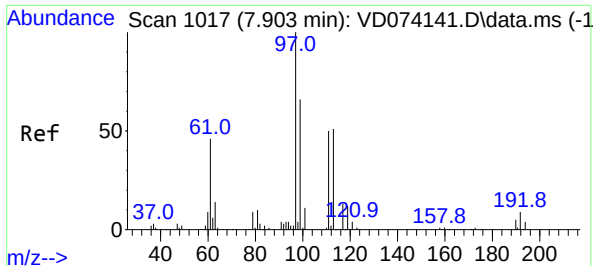
Tgt Ion: 65 Resp: 64173
Ion Ratio Lower Upper
65 100
67 55.1 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion: 114 Resp: 307102
Ion Ratio Lower Upper
114 100
63 20.6 0.0 46.6
88 16.2 0.0 33.2

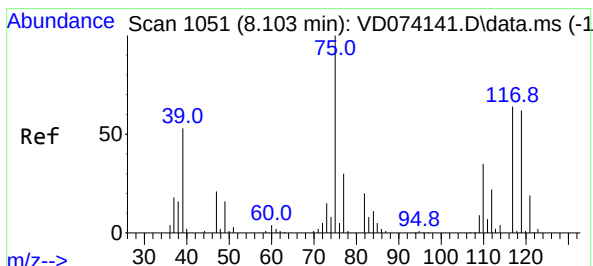
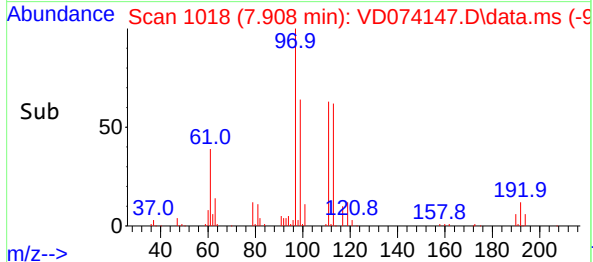
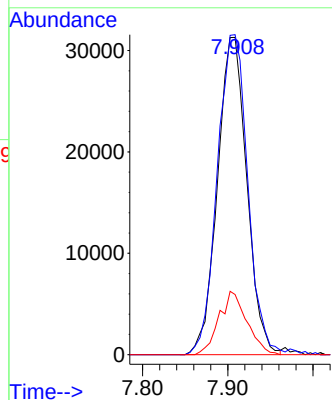
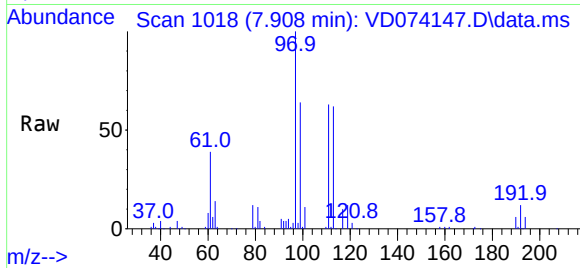




#35
Dibromofluoromethane
Concen: 49.853 ug/l
RT: 7.908 min Scan# 1017
Delta R.T. 0.005 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

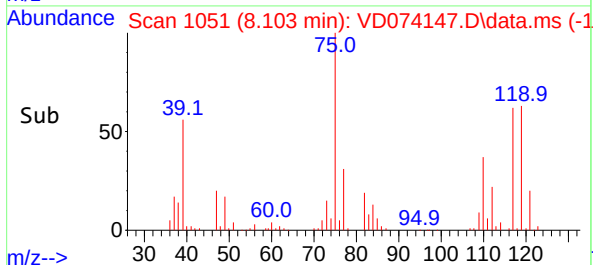
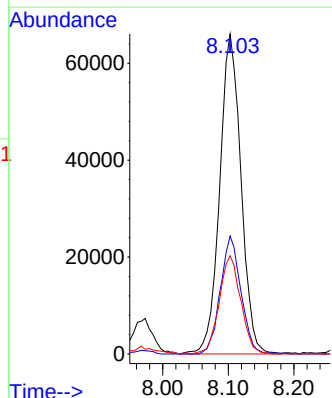
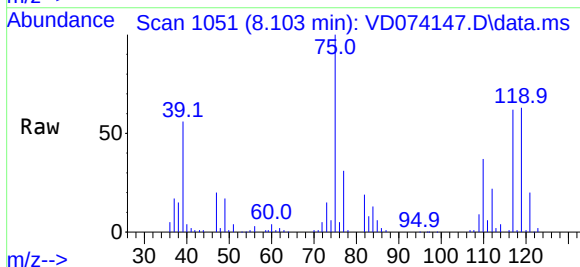
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

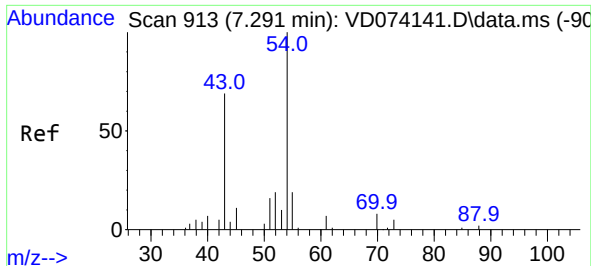
Tgt Ion:113 Resp: 75062
Ion Ratio Lower Upper
113 100
111 104.2 83.8 125.6
192 18.9 14.6 21.8



#36
1,1-Dichloropropene
Concen: 47.284 ug/l
RT: 8.103 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion: 75 Resp: 148637
Ion Ratio Lower Upper
75 100
110 35.5 16.4 49.1
77 31.0 24.2 36.2





#37

Ethyl Acetate

Concen: 44.548 ug/l

RT: 7.285 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD074147.D

Acq: 19 Aug 2022 14:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

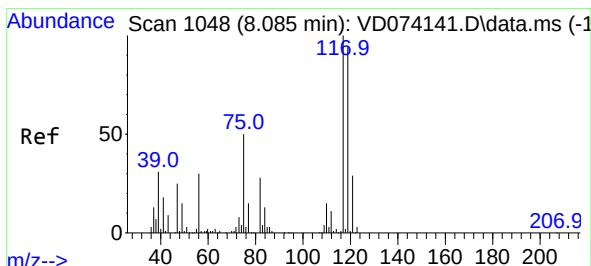
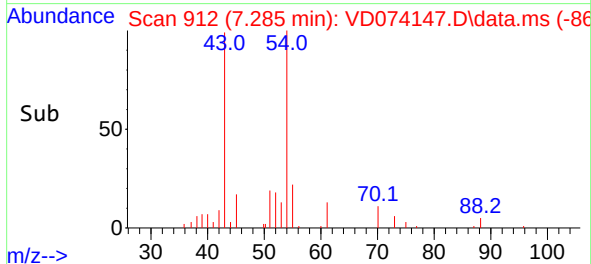
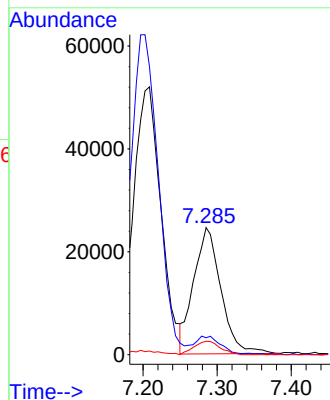
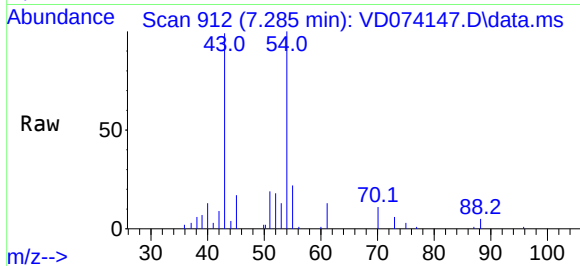
Tgt Ion: 43 Resp: 62754

Ion Ratio Lower Upper

43 100

61 14.0 9.8 14.8

70 10.2 6.9 10.3



#38

Carbon Tetrachloride

Concen: 48.526 ug/l

RT: 8.085 min Scan# 1048

Delta R.T. -0.000 min

Lab File: VD074147.D

Acq: 19 Aug 2022 14:02

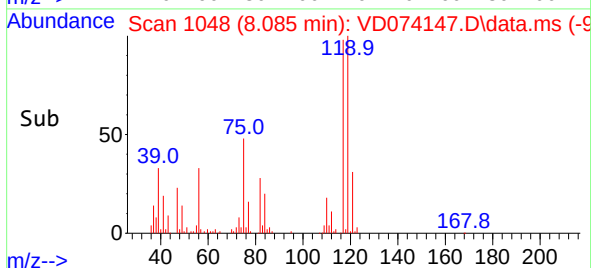
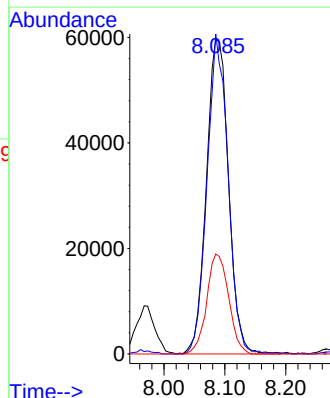
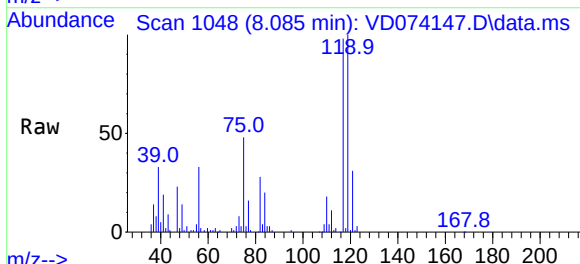
Tgt Ion: 117 Resp: 150853

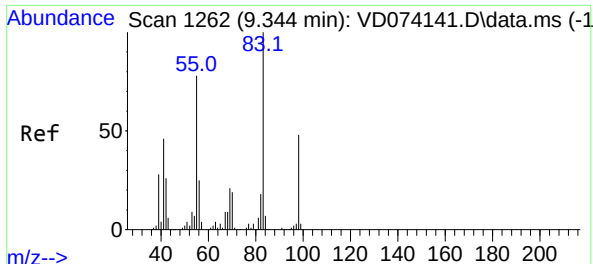
Ion Ratio Lower Upper

117 100

119 101.3 75.8 113.6

121 31.7 24.5 36.7

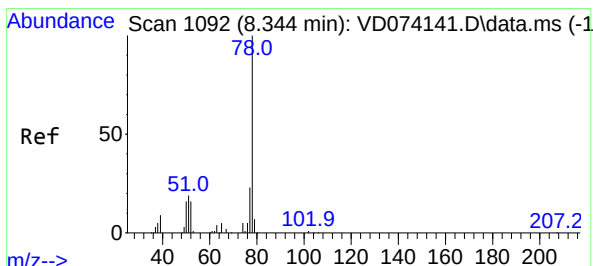
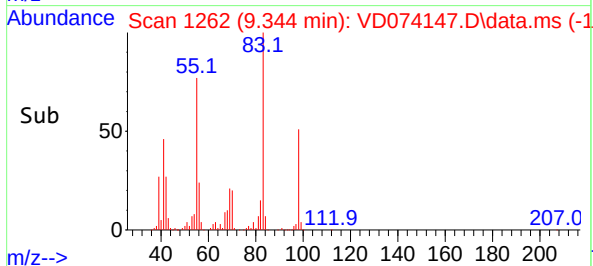
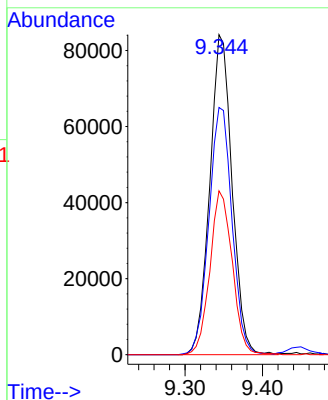
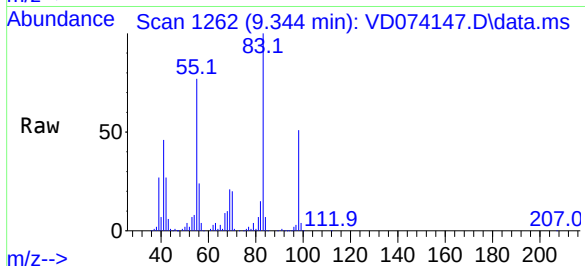




#39
Methylcyclohexane
Concen: 46.084 ug/l
RT: 9.344 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

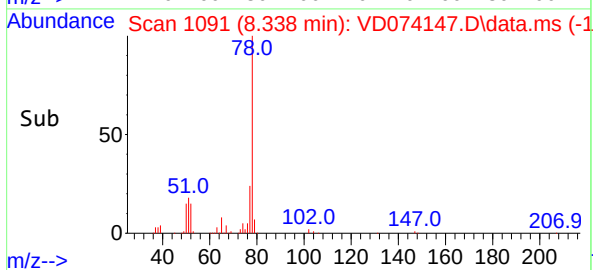
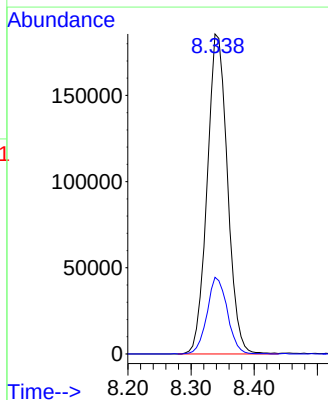
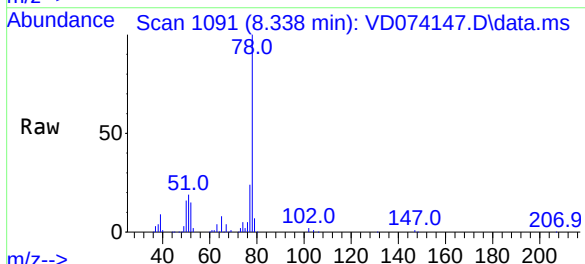
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

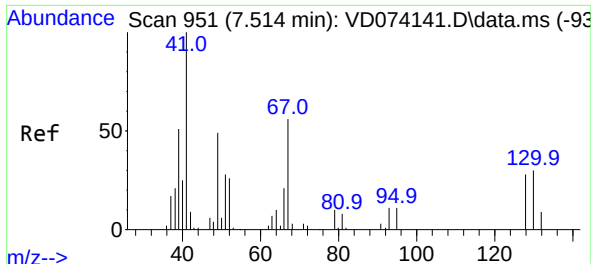
Tgt Ion: 83 Resp: 168852
Ion Ratio Lower Upper
83 100
55 77.3 63.2 94.8
98 51.2 38.2 57.4



#40
Benzene
Concen: 47.840 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion: 78 Resp: 415264
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7



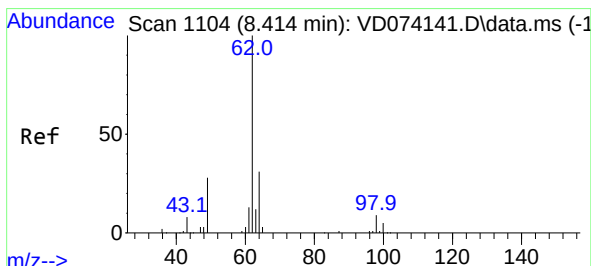
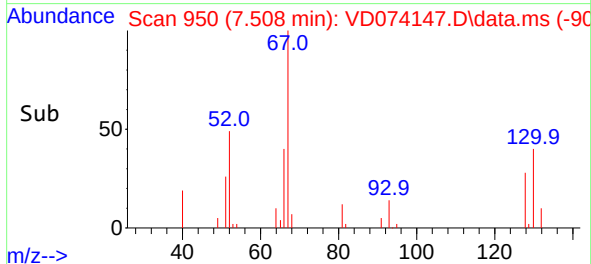
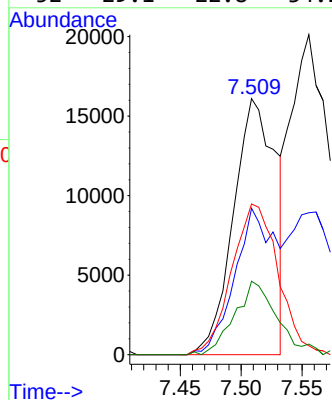
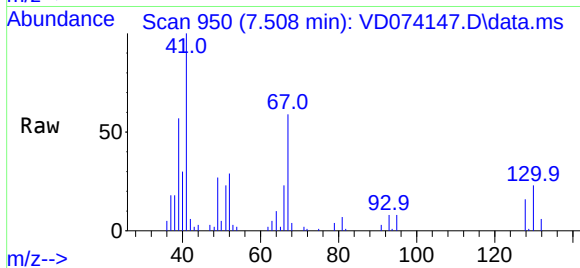


#41
Methacrylonitrile
Concen: 53.655 ug/l
RT: 7.508 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 38894

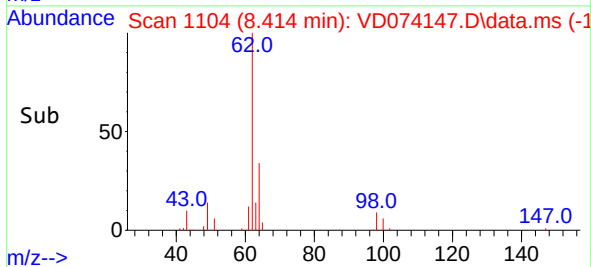
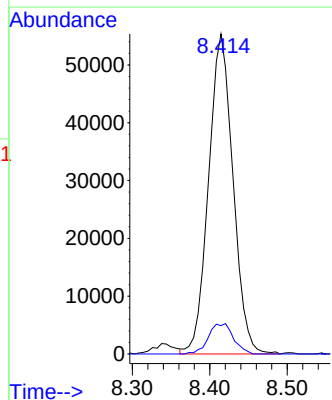
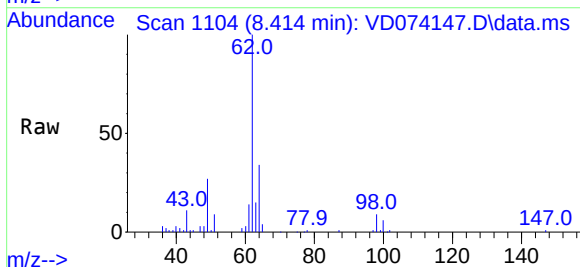
Ion	Ratio	Lower	Upper
41	100		
39	54.7	44.6	67.0
67	64.5	48.2	72.4
52	29.1	22.8	34.2

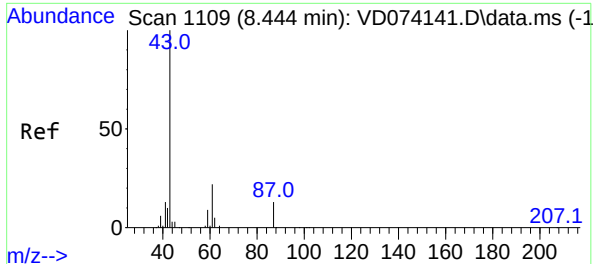


#42
1,2-Dichloroethane
Concen: 46.992 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion: 62 Resp: 121313

Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	17.6





#43

Isopropyl Acetate

Concen: 45.700 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD074147.D

Acq: 19 Aug 2022 14:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

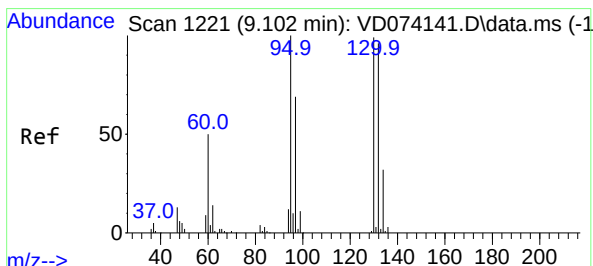
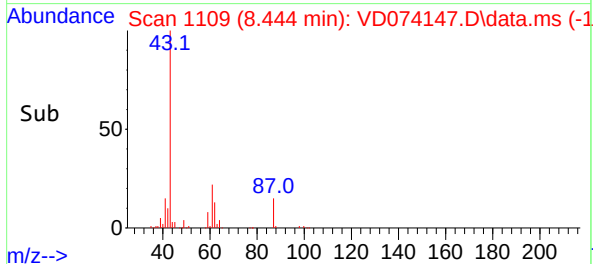
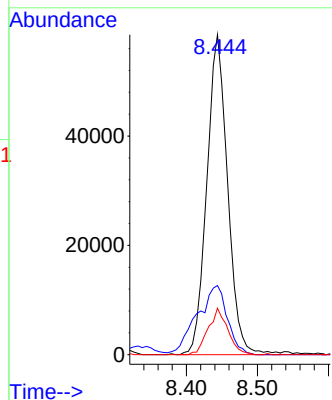
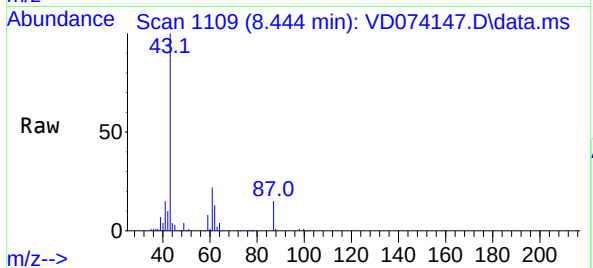
Tgt Ion: 43 Resp: 119222

Ion Ratio Lower Upper

43 100

61 31.5 22.4 33.6

87 13.8 8.7 13.1#



#44

Trichloroethene

Concen: 47.152 ug/l

RT: 9.103 min Scan# 1221

Delta R.T. 0.001 min

Lab File: VD074147.D

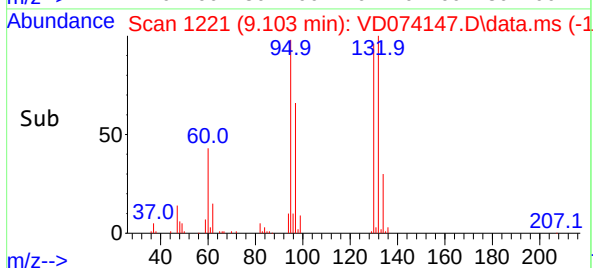
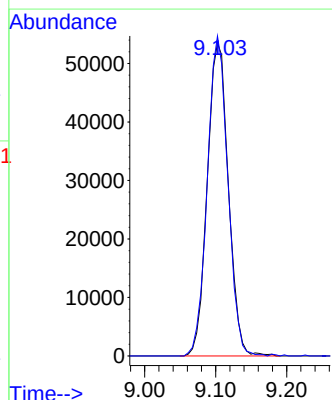
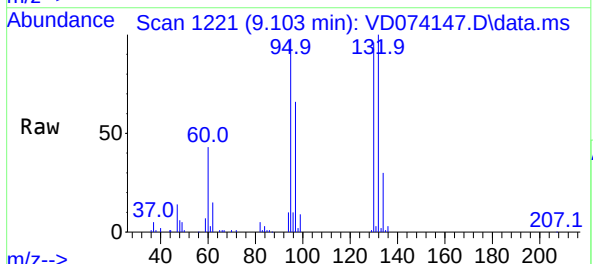
Acq: 19 Aug 2022 14:02

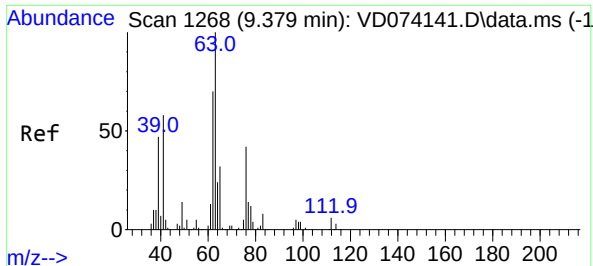
Tgt Ion:130 Resp: 110532

Ion Ratio Lower Upper

130 100

95 102.3 0.0 205.4





#45

1,2-Dichloropropane

Concen: 47.265 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD074147.D

Acq: 19 Aug 2022 14:02

Instrument :

MSVOA_D

ClientSampleId :

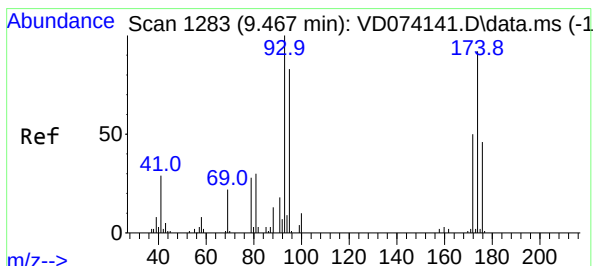
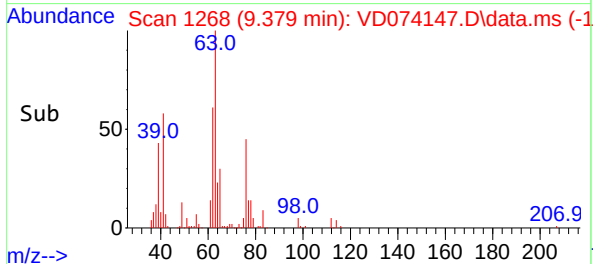
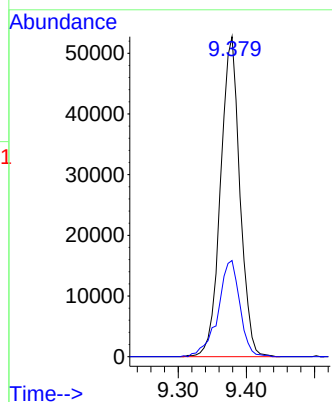
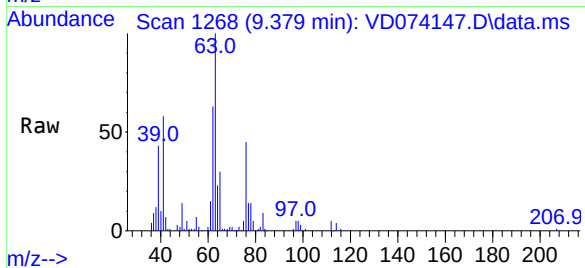
VSTDCCC050

Tgt Ion: 63 Resp: 103945

Ion Ratio Lower Upper

63 100

65 30.0 26.2 39.4



#46

Dibromomethane

Concen: 46.434 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD074147.D

Acq: 19 Aug 2022 14:02

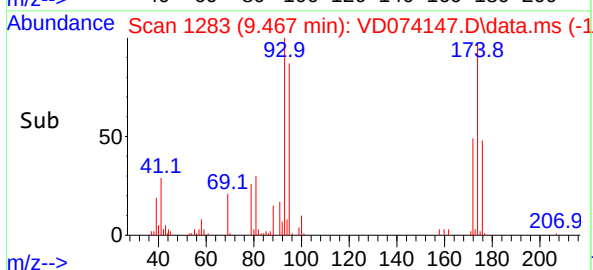
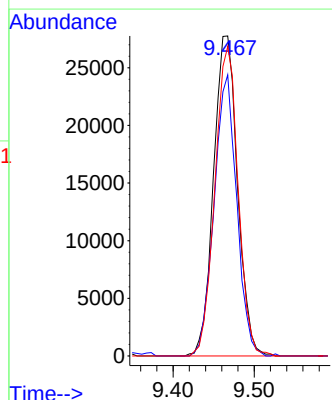
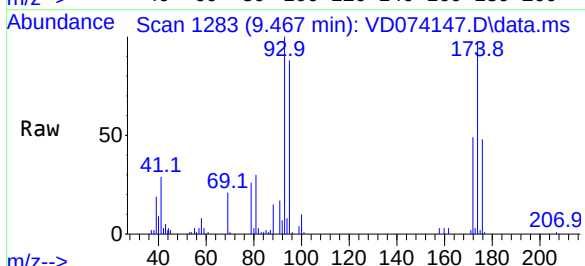
Tgt Ion: 93 Resp: 56940

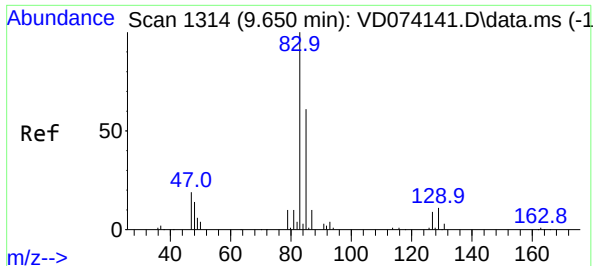
Ion Ratio Lower Upper

93 100

95 82.8 66.7 100.1

174 93.9 71.6 107.4

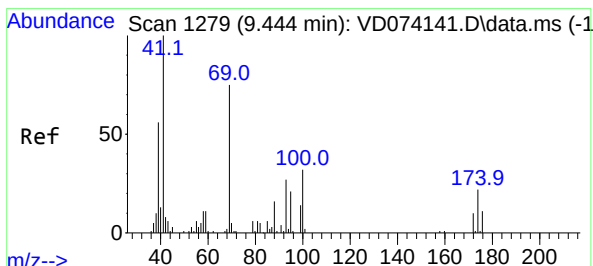
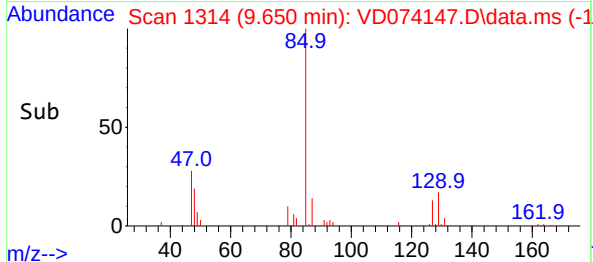
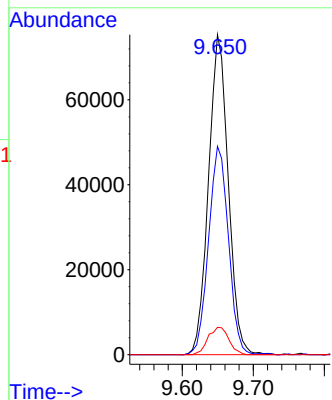
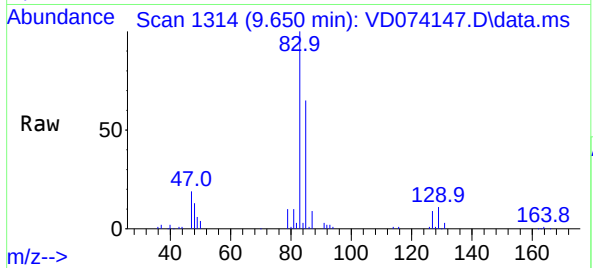




#47
Bromodichloromethane
Concen: 46.949 ug/l
RT: 9.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

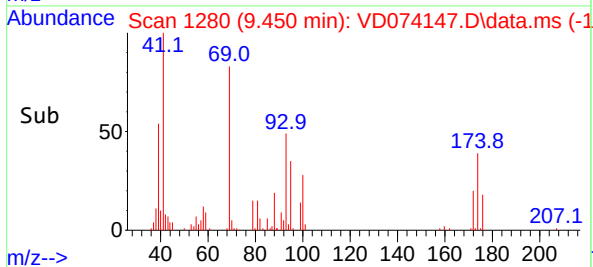
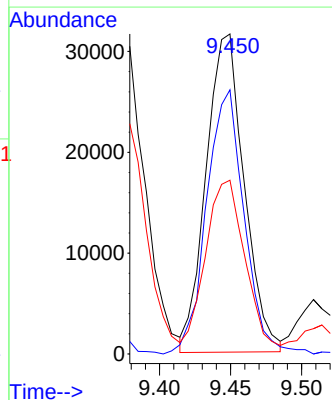
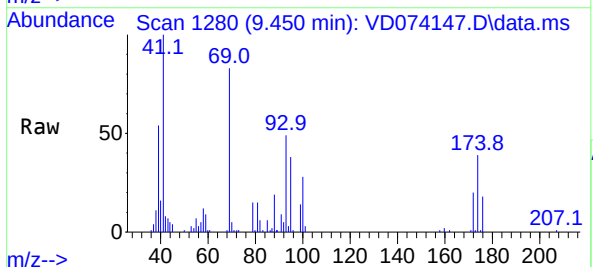
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

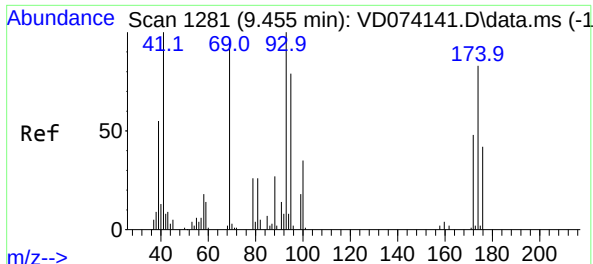
Tgt Ion: 83 Resp: 145556
Ion Ratio Lower Upper
83 100
85 65.1 51.4 77.0
127 8.6 6.1 9.1



#48
Methyl methacrylate
Concen: 45.864 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.006 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion: 41 Resp: 58965
Ion Ratio Lower Upper
41 100
69 81.9 56.7 85.1
39 52.8 42.7 64.1

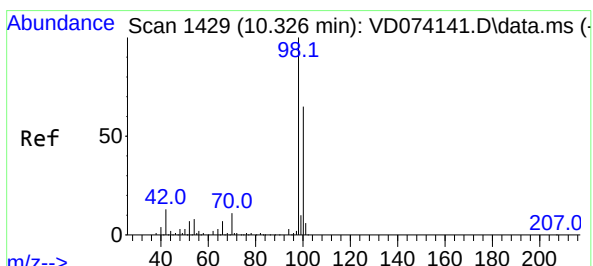
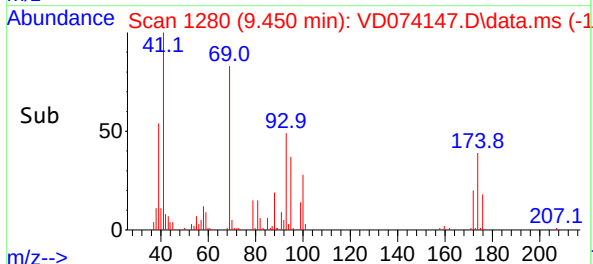
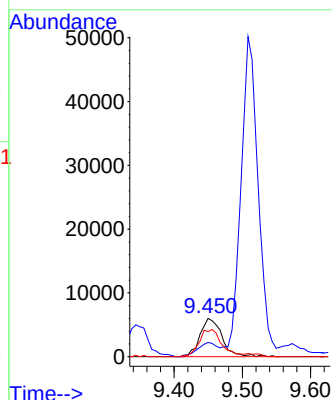
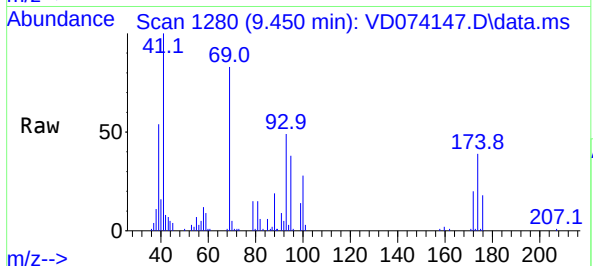




#49
1,4-Dioxane
Concen: 1021.381 ug/l
RT: 9.450 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

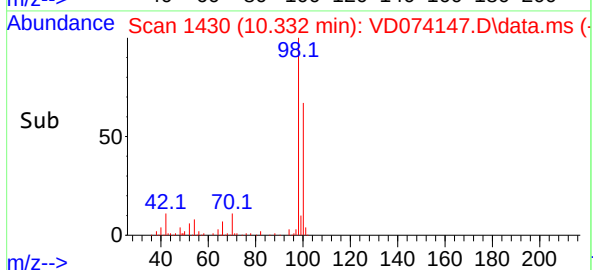
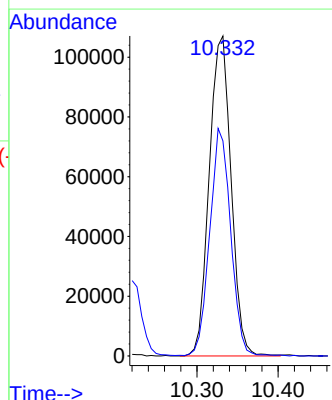
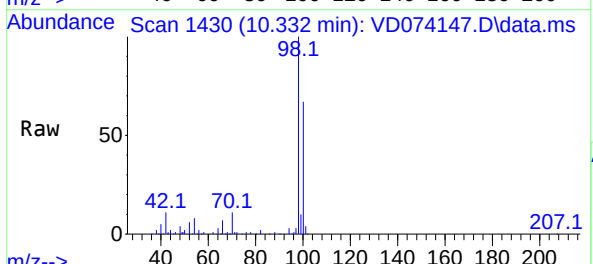
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

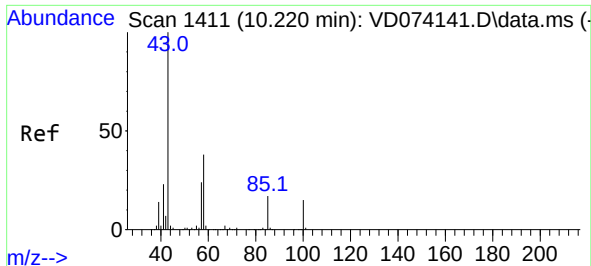
Tgt Ion: 88 Resp: 13426
Ion Ratio Lower Upper
88 100
43 33.8 31.0 46.4
58 73.2 58.1 87.1



#50
Toluene-d8
Concen: 47.322 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion: 98 Resp: 200267
Ion Ratio Lower Upper
98 100
100 68.2 52.4 78.6

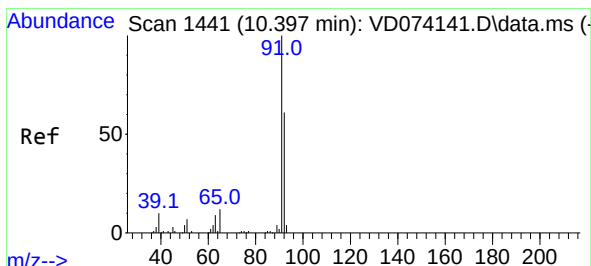
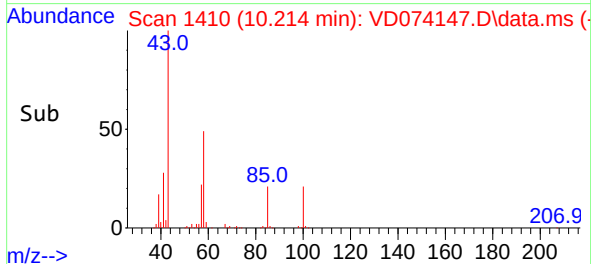
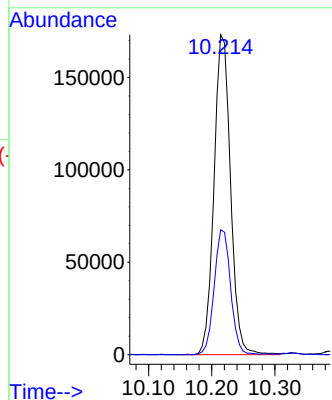
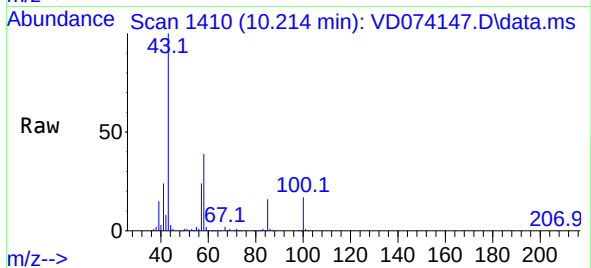




#51
4-Methyl-2-Pentanone
Concen: 234.927 ug/l
RT: 10.214 min Scan# 1411
Delta R.T. -0.006 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

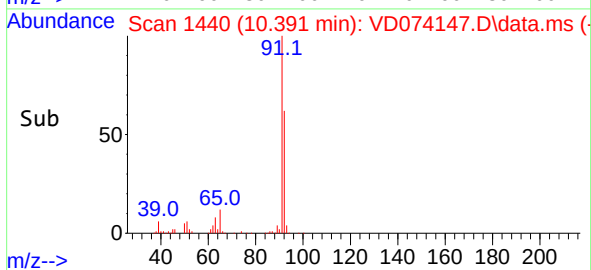
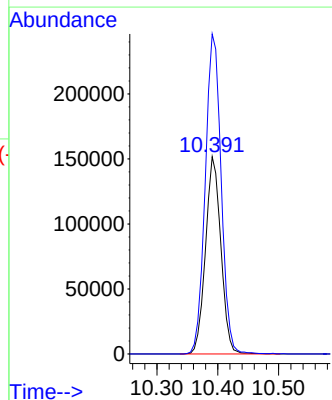
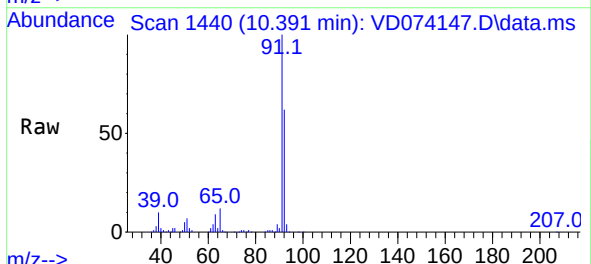
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

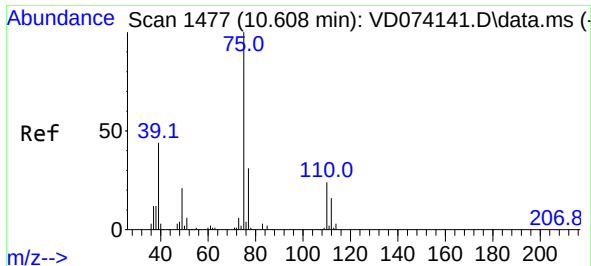
Tgt Ion: 43 Resp: 315412
Ion Ratio Lower Upper
43 100
58 38.8 28.6 43.0



#52
Toluene
Concen: 49.668 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion: 92 Resp: 266071
Ion Ratio Lower Upper
92 100
91 167.9 139.6 209.4

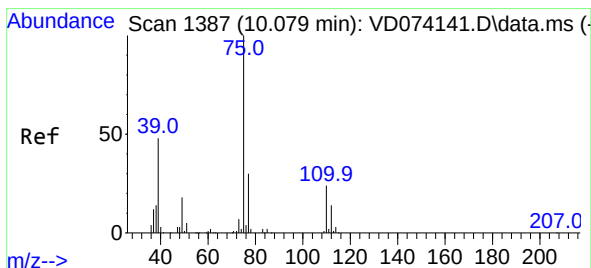
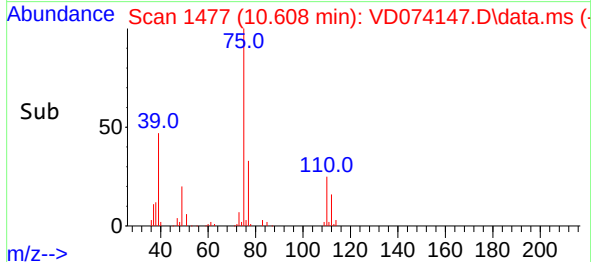
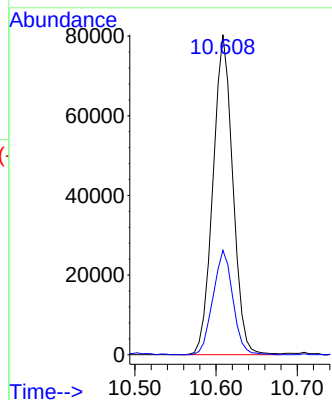
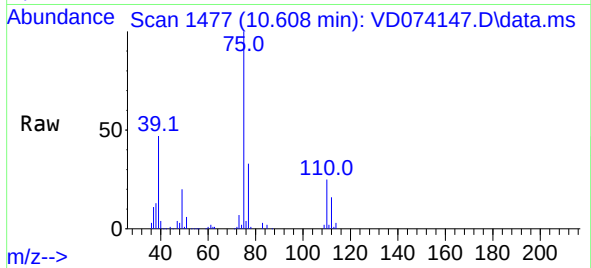




#53
t-1,3-Dichloropropene
Concen: 48.455 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

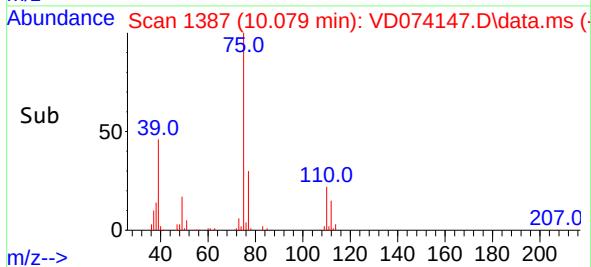
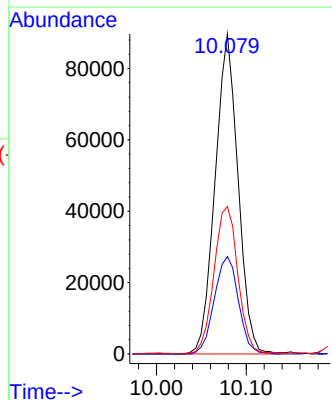
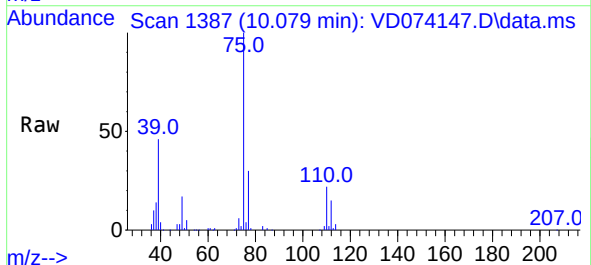
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

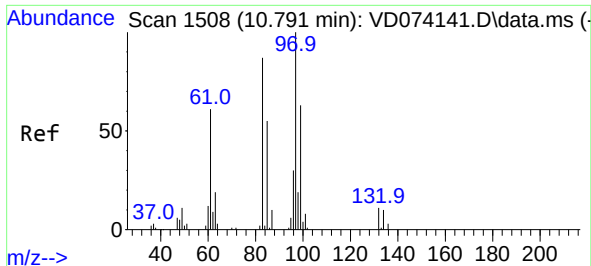
Tgt Ion: 75 Resp: 136497
Ion Ratio Lower Upper
75 100
77 32.6 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 47.308 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion: 75 Resp: 159063
Ion Ratio Lower Upper
75 100
77 30.4 24.8 37.2
39 46.1 46.8 70.2#

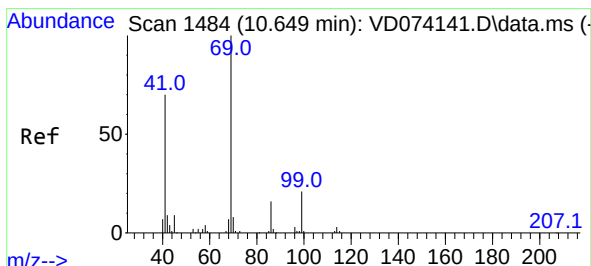
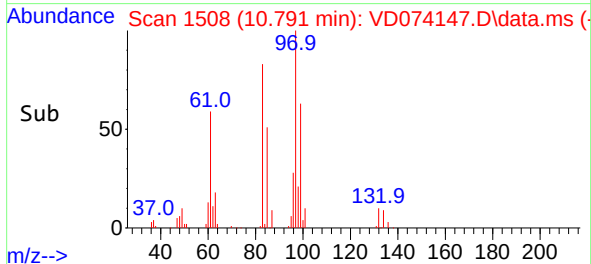
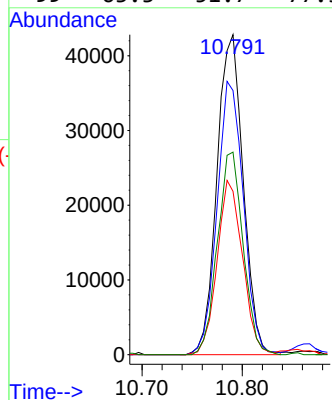
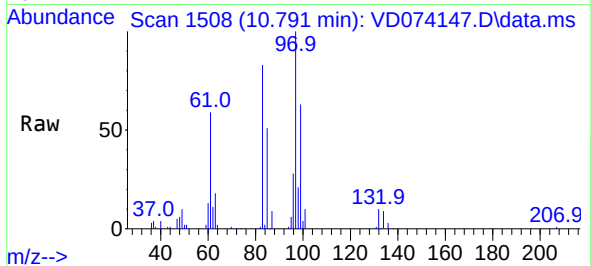




#55
1,1,2-Trichloroethane
Concen: 48.272 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

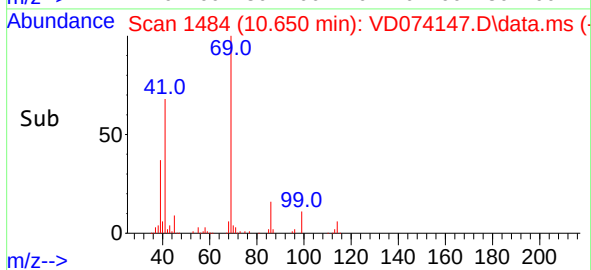
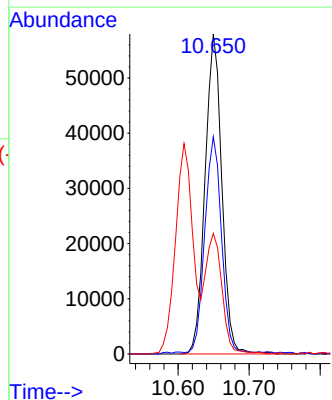
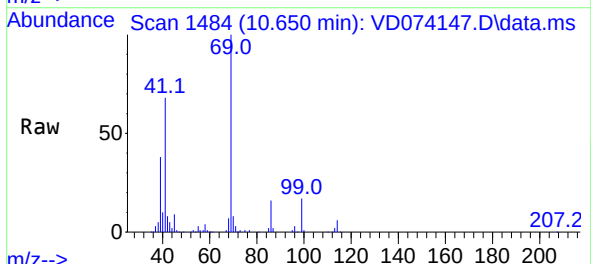
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

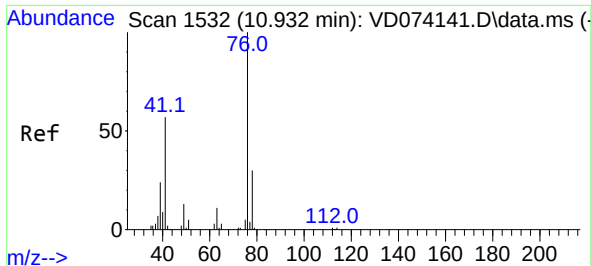
Tgt Ion:	97	Resp:	77934
Ion	Ratio	Lower	Upper
97	100		
83	82.5	69.0	103.4
85	51.0	42.6	63.8
99	63.3	51.7	77.5



#56
Ethyl methacrylate
Concen: 48.245 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. 0.001 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion:	69	Resp:	95235
Ion	Ratio	Lower	Upper
69	100		
41	67.4	63.0	94.6
39	36.5	33.8	50.8





#57

1,3-Dichloropropane

Concen: 46.408 ug/l

RT: 10.932 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074147.D

Acq: 19 Aug 2022 14:02

Instrument :

MSVOA_D

ClientSampleId :

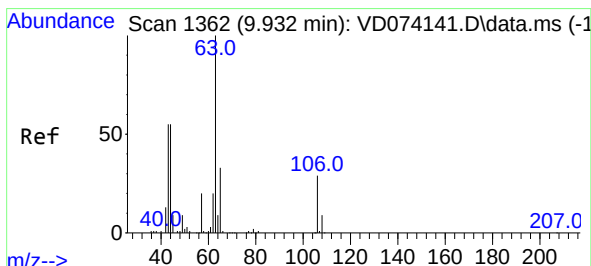
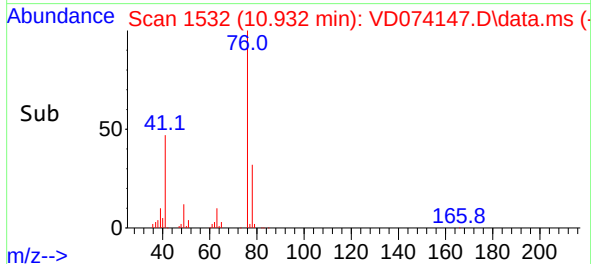
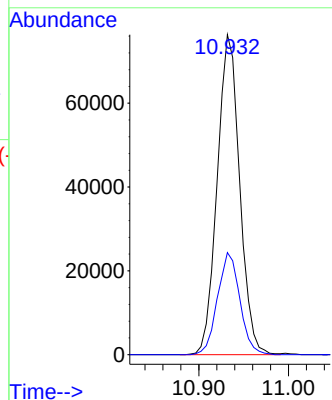
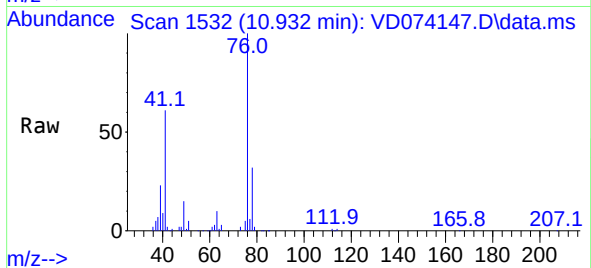
VSTDCCC050

Tgt Ion: 76 Resp: 132652

Ion Ratio Lower Upper

76 100

78 31.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 240.266 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD074147.D

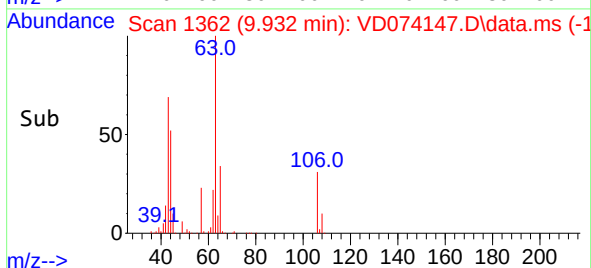
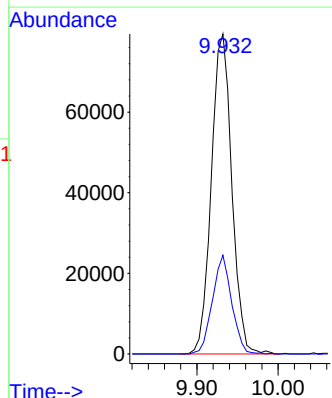
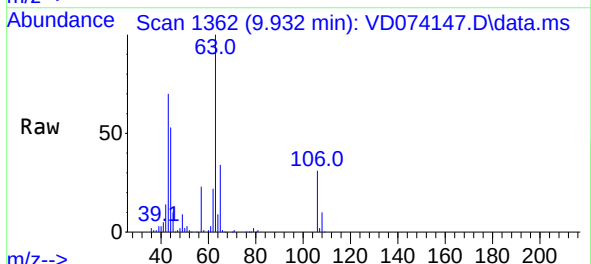
Acq: 19 Aug 2022 14:02

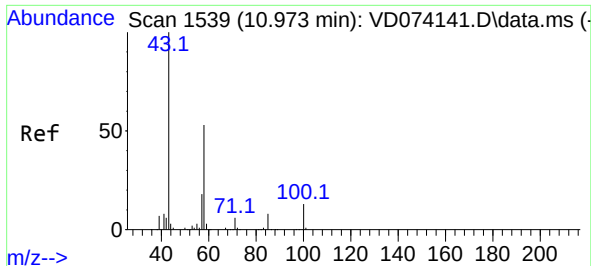
Tgt Ion: 63 Resp: 139019

Ion Ratio Lower Upper

63 100

106 29.0 21.4 32.0

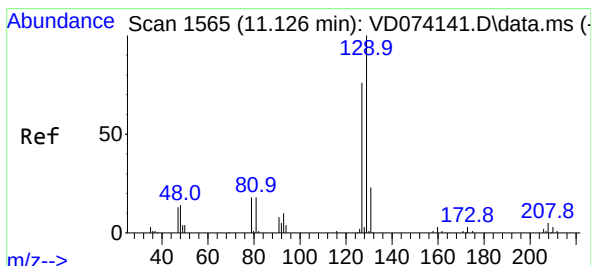
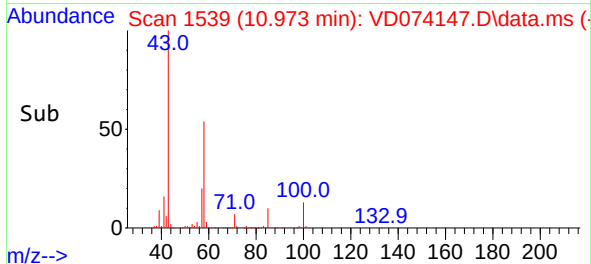
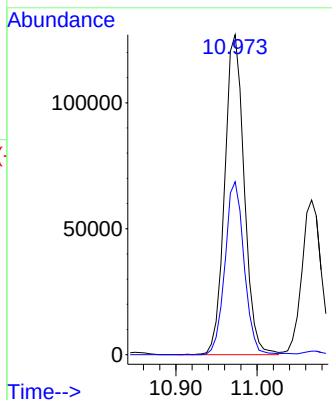
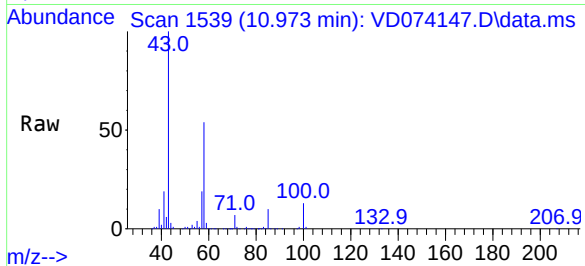




#59
2-Hexanone
Concen: 236.823 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

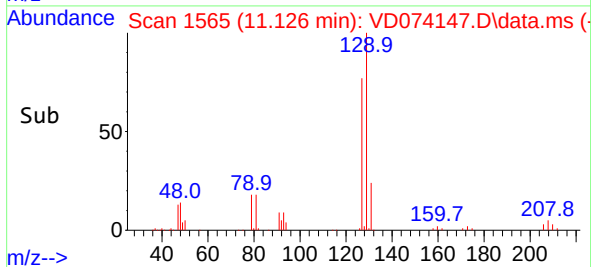
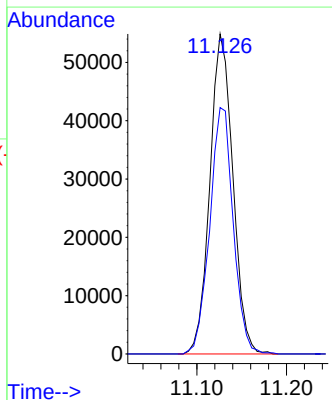
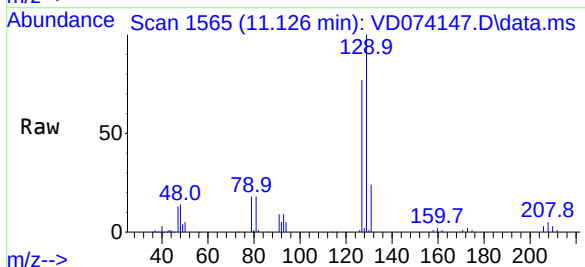
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

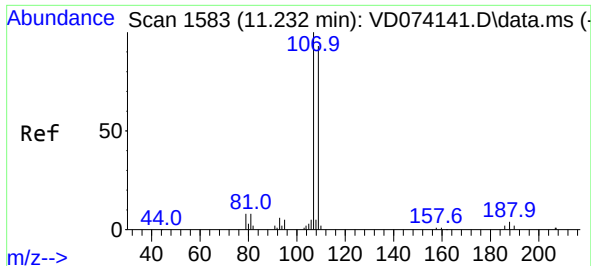
Tgt Ion: 43 Resp: 212070
Ion Ratio Lower Upper
43 100
58 52.9 25.3 75.9



#60
Dibromochloromethane
Concen: 48.049 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion: 129 Resp: 97688
Ion Ratio Lower Upper
129 100
127 78.5 39.2 117.6

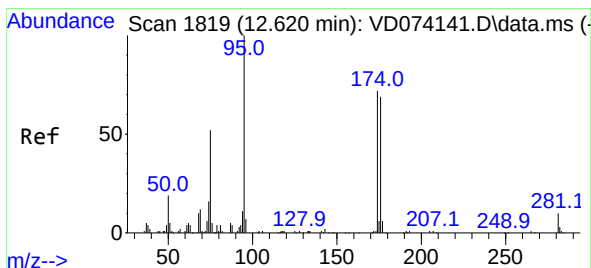
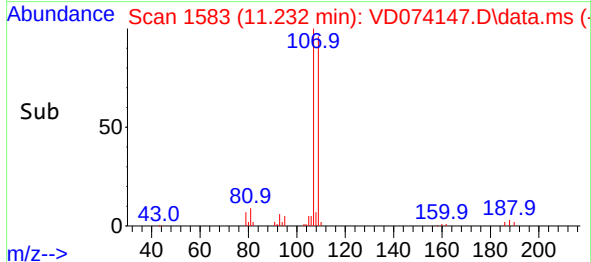
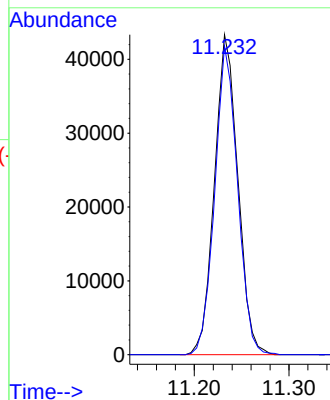
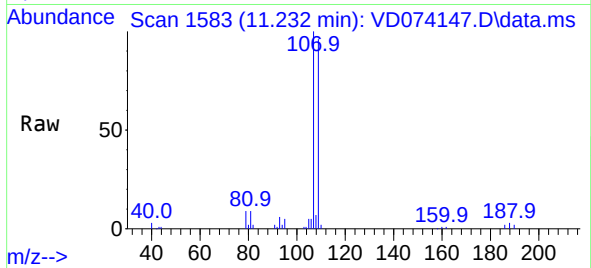




#61
1,2-Dibromoethane
Concen: 47.359 ug/l
RT: 11.232 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

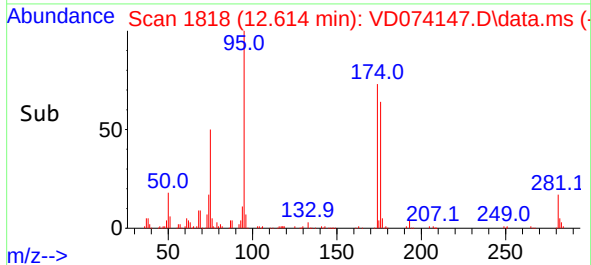
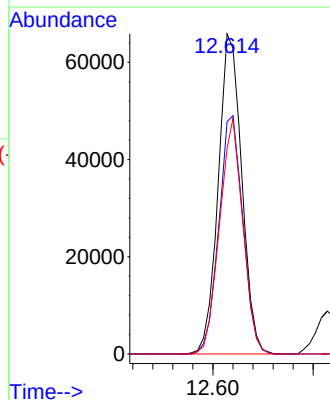
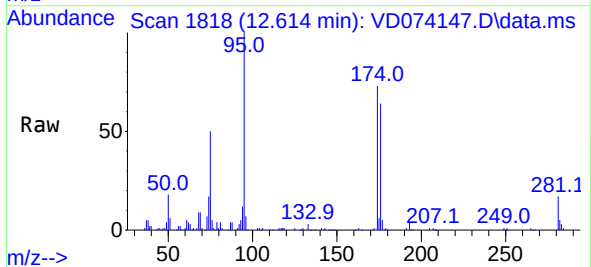
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

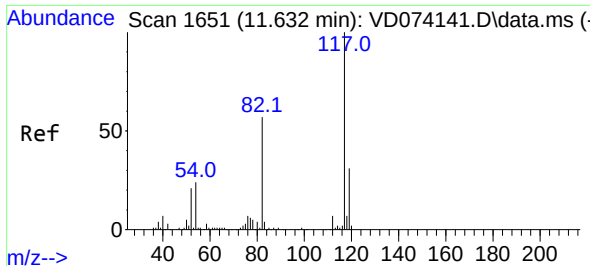
Tgt Ion:107 Resp: 74288
Ion Ratio Lower Upper
107 100
109 94.2 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 46.531 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion: 95 Resp: 106927
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.8
176 72.6 0.0 145.4

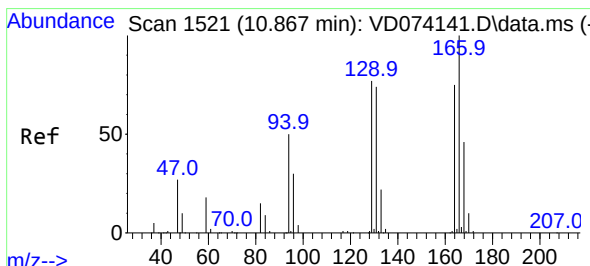
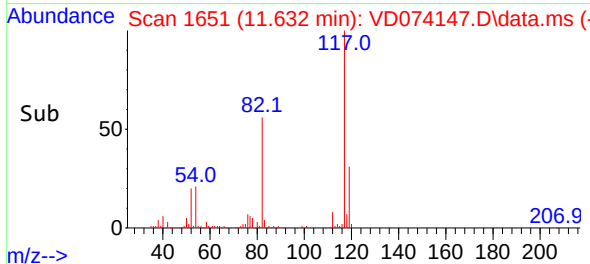
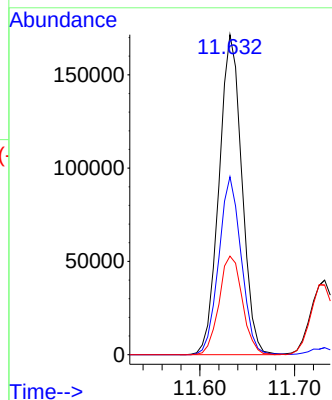
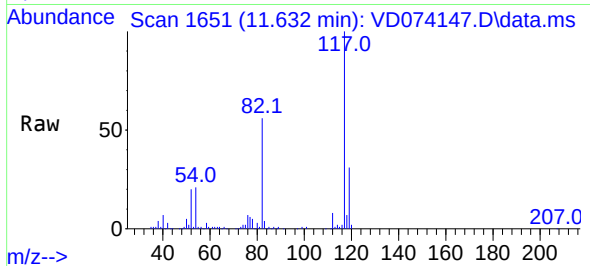




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

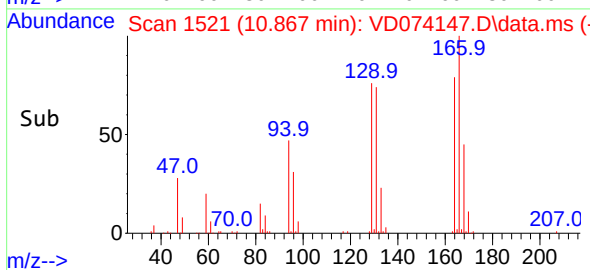
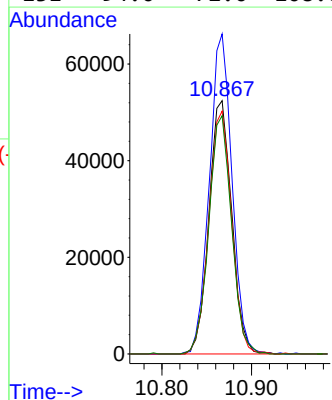
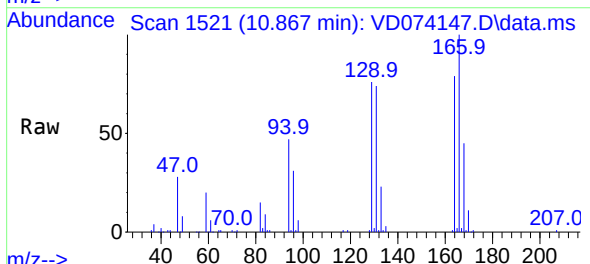
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

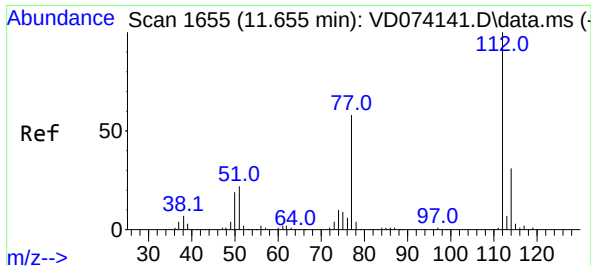
Tgt Ion:117 Resp: 287483
Ion Ratio Lower Upper
117 100
82 55.6 45.3 67.9
119 30.8 26.6 40.0



#64
Tetrachloroethene
Concen: 47.517 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion:164 Resp: 92724
Ion Ratio Lower Upper
164 100
166 126.3 98.5 147.7
129 95.9 74.6 111.8
131 94.0 72.0 108.0

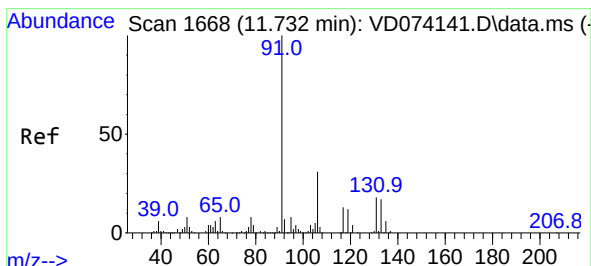
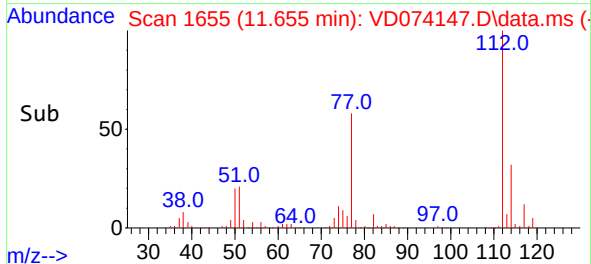
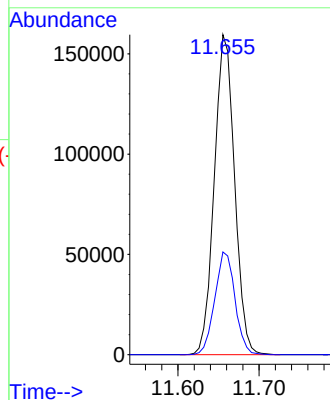
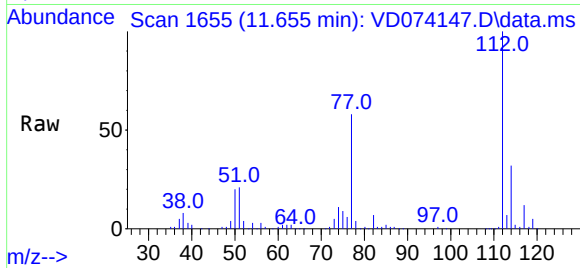




#65
Chlorobenzene
Concen: 47.384 ug/l
RT: 11.655 min Scan# 1655
Delta R.T. 0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

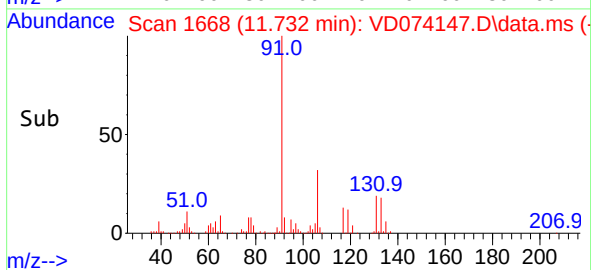
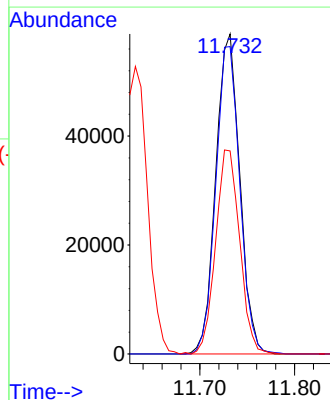
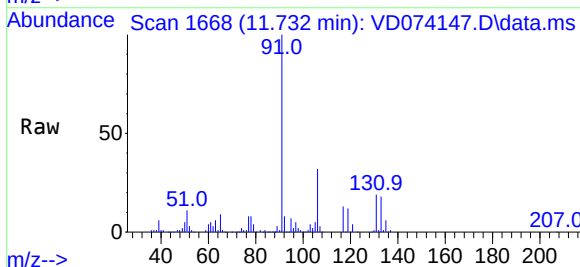
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

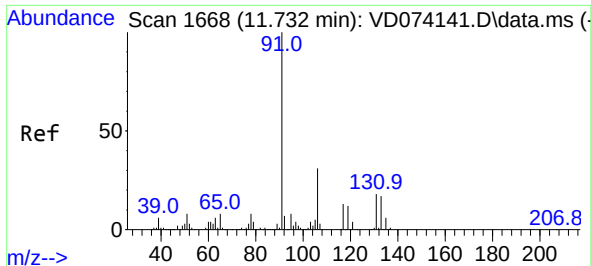
Tgt Ion:112 Resp: 277091
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.899 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion:131 Resp: 103431
Ion Ratio Lower Upper
131 100
133 96.4 48.1 144.3
119 64.1 31.9 95.9

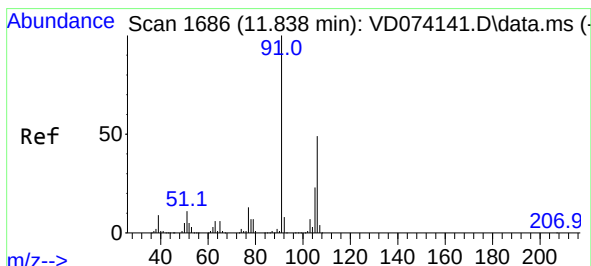
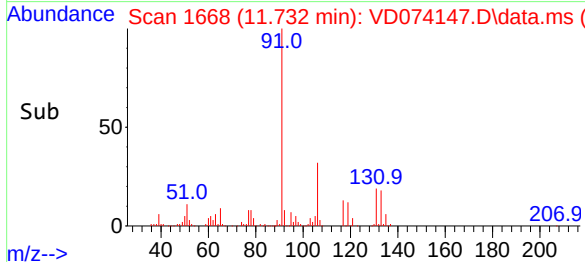
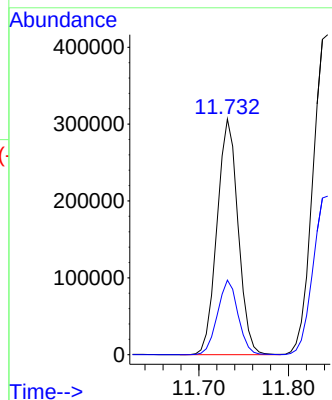
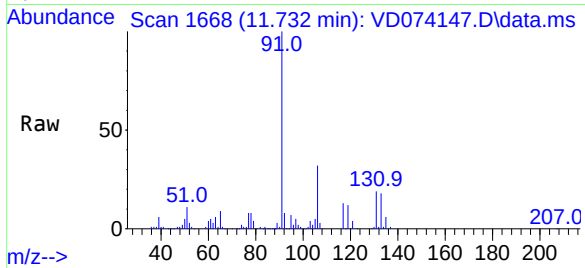




#67
Ethyl Benzene
Concen: 48.419 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

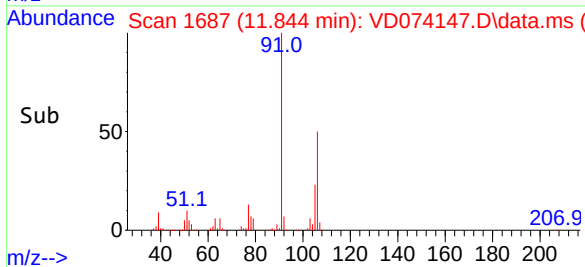
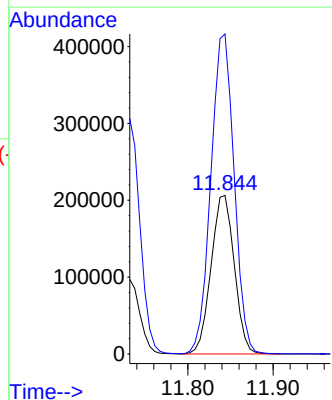
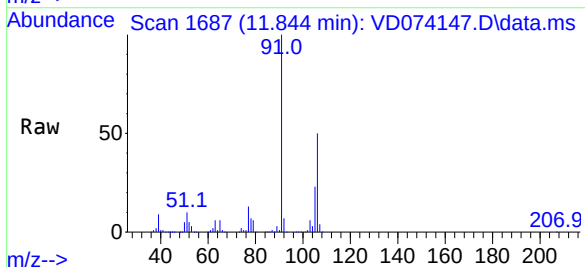
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

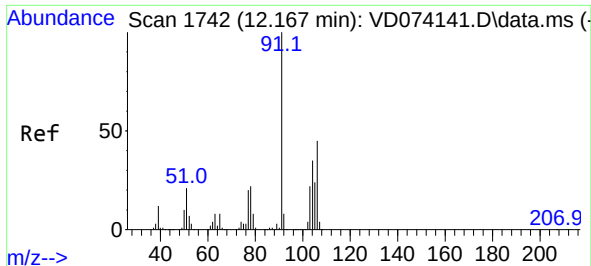
Tgt Ion: 91 Resp: 500023
Ion Ratio Lower Upper
91 100
106 31.6 24.2 36.4



#68
m/p-Xylenes
Concen: 98.489 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion: 106 Resp: 390942
Ion Ratio Lower Upper
106 100
91 202.2 163.7 245.5

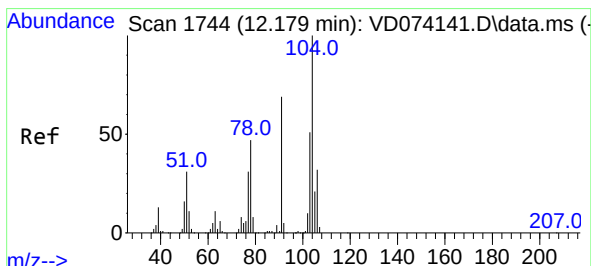
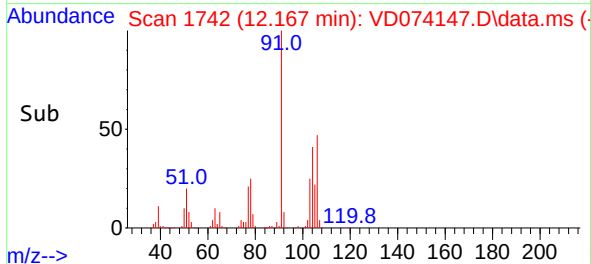
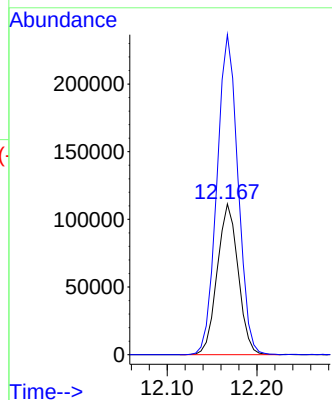
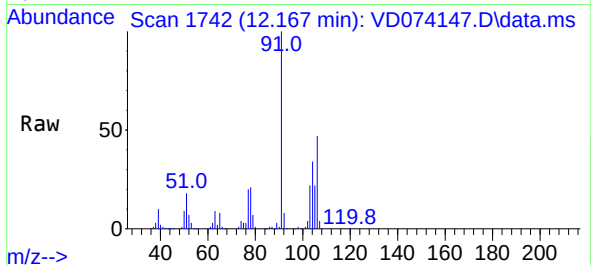




#69
o-Xylene
Concen: 48.640 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

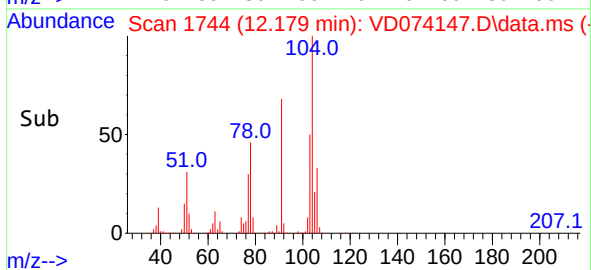
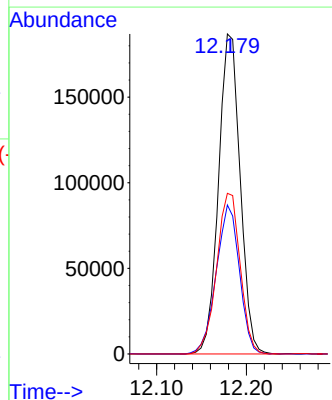
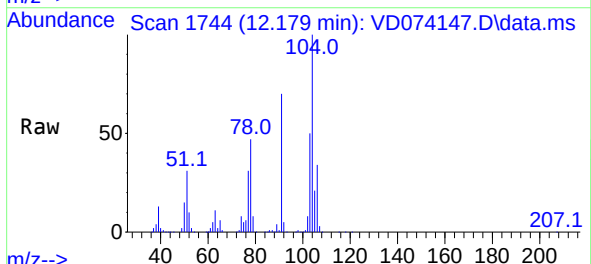
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

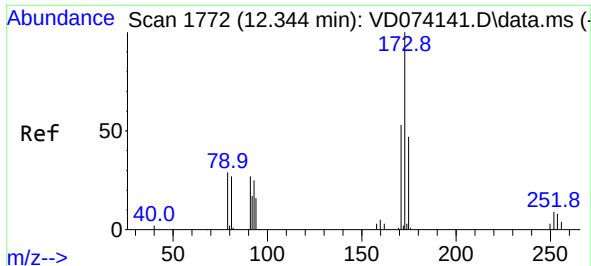
Tgt Ion:106 Resp: 180460
Ion Ratio Lower Upper
106 100
91 213.8 110.4 331.2



#70
Styrene
Concen: 49.398 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion:104 Resp: 313071
Ion Ratio Lower Upper
104 100
78 50.0 41.8 62.8
103 54.6 44.2 66.4

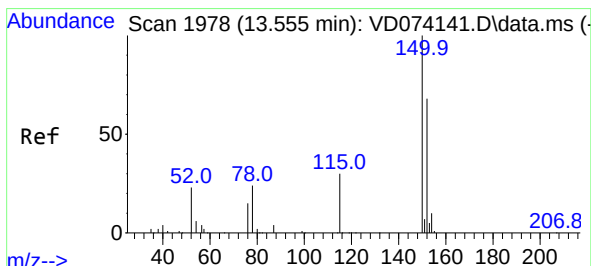
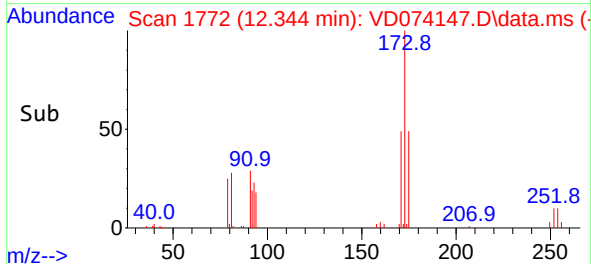
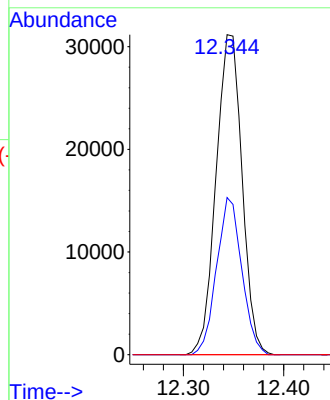
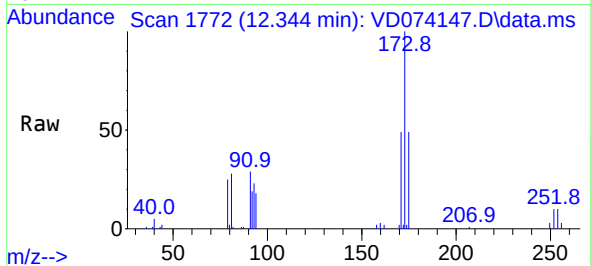




#71
Bromoform
Concen: 49.636 ug/l
RT: 12.344 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

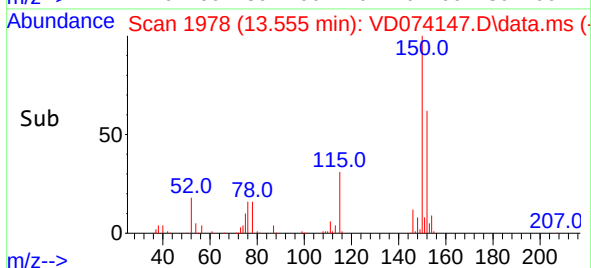
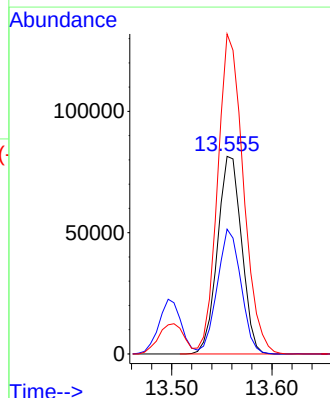
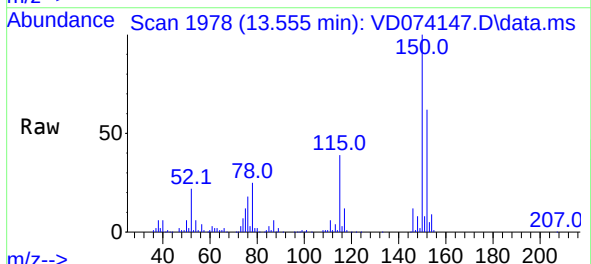
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

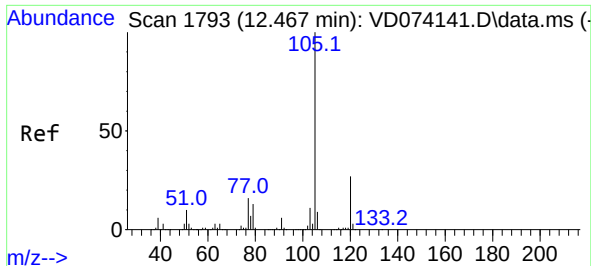
Tgt Ion:173 Resp: 56142
Ion Ratio Lower Upper
173 100
175 47.5 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion:152 Resp: 136053
Ion Ratio Lower Upper
152 100
115 62.0 31.3 93.8
150 172.9 0.0 348.6

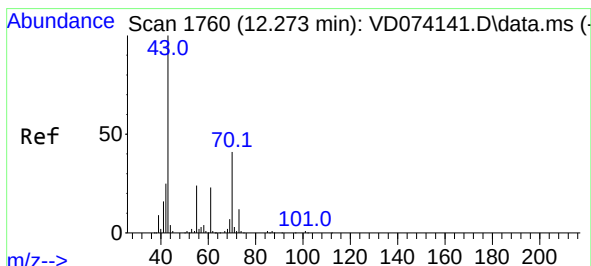
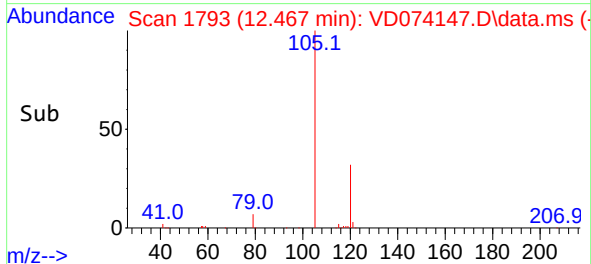
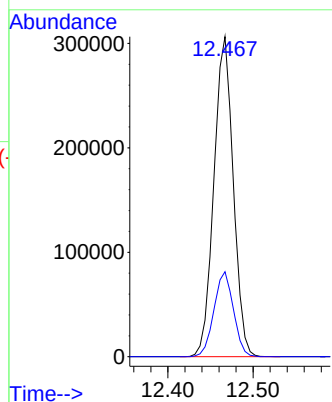
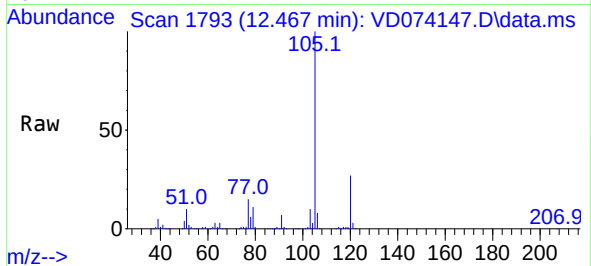




#73
Isopropylbenzene
Concen: 48.894 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

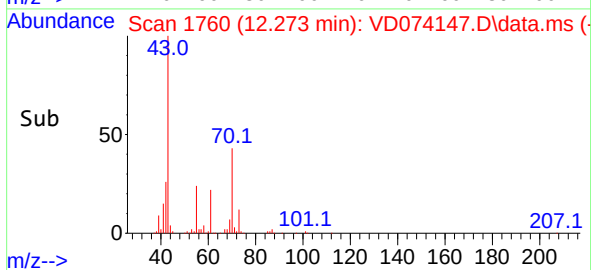
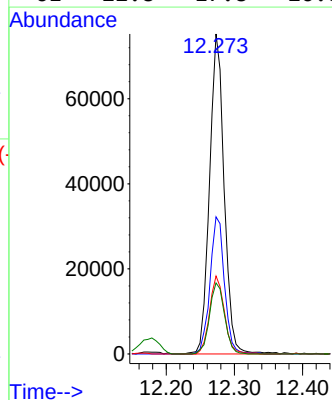
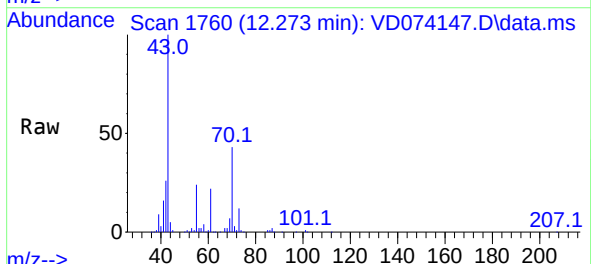
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

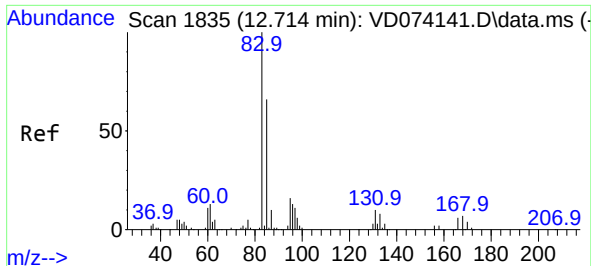
Tgt Ion:105 Resp: 484468
Ion Ratio Lower Upper
105 100
120 26.7 13.0 38.9



#74
N-ethyl acetate
Concen: 45.140 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion: 43 Resp: 112265
Ion Ratio Lower Upper
43 100
70 42.5 31.3 46.9
55 24.7 20.0 30.0
61 22.8 17.8 26.8

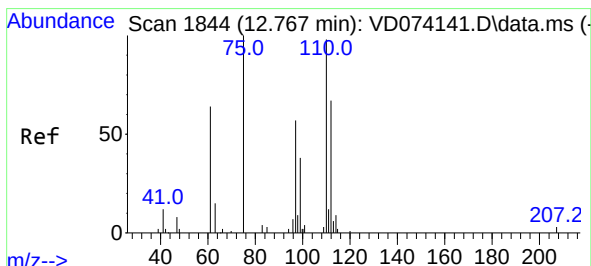
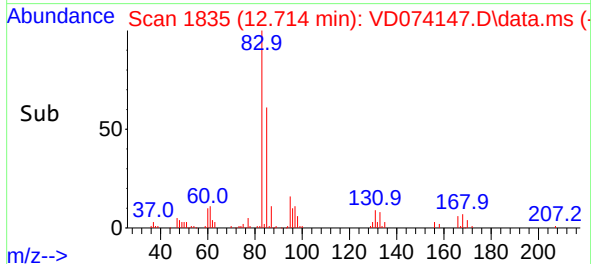
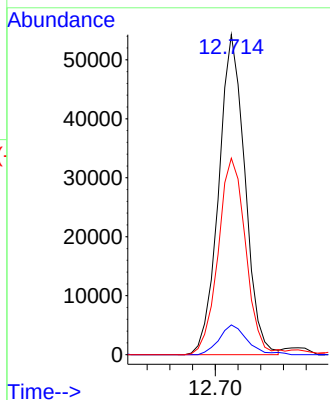
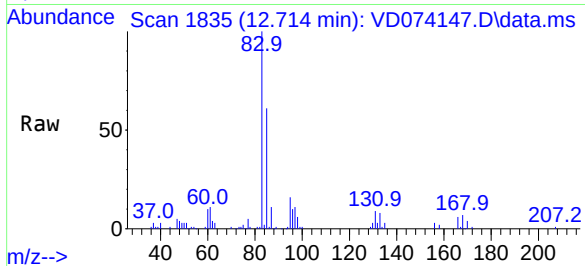




#75
 1,1,2,2-Tetrachloroethane
 Concen: 45.875 ug/l
 RT: 12.714 min Scan# 1835
 Delta R.T. 0.000 min
 Lab File: VD074147.D
 Acq: 19 Aug 2022 14:02

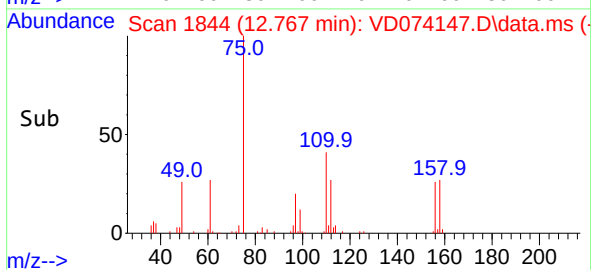
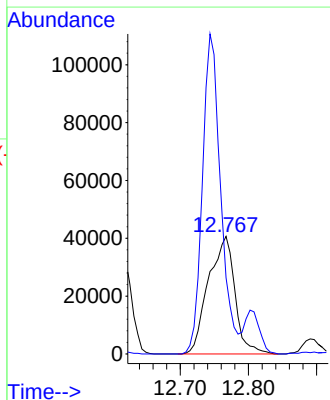
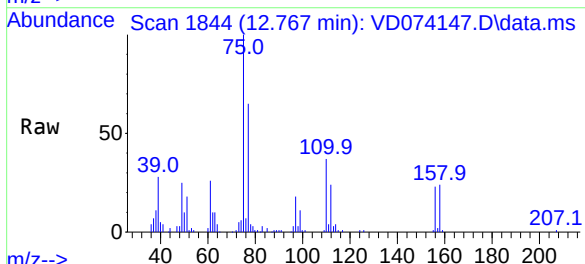
Instrument :
 MSVOA_D
 ClientSampleId :
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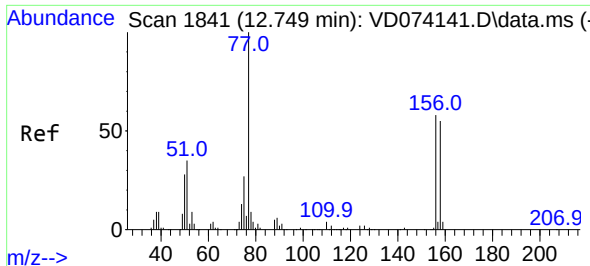
Tgt Ion: 83 Resp: 87022
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.0 14.9
 85 64.5 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 77.993 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: VD074147.D
 Acq: 19 Aug 2022 14:02

Tgt Ion: 75 Resp: 109888
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

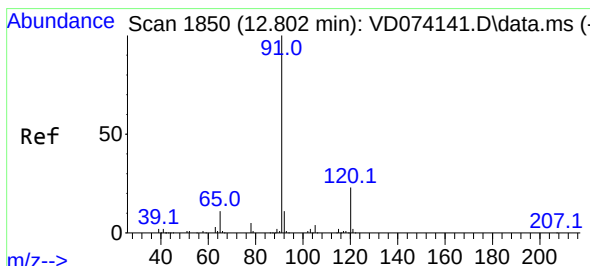
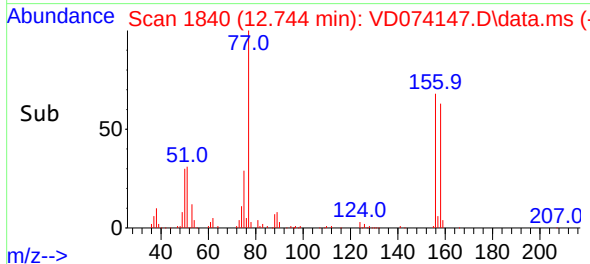
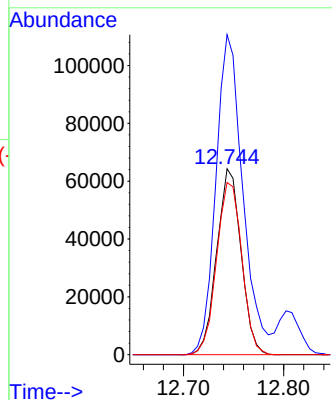
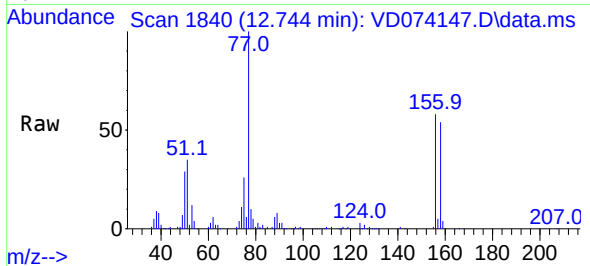




#77
Bromobenzene
Concen: 47.601 ug/l
RT: 12.744 min Scan# 1841
Delta R.T. -0.005 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

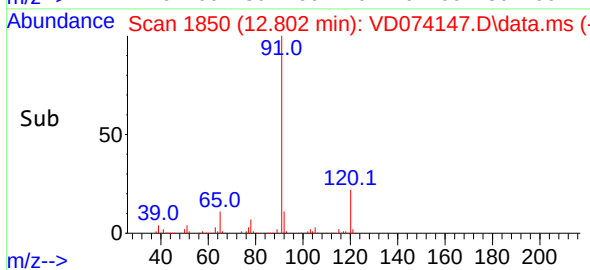
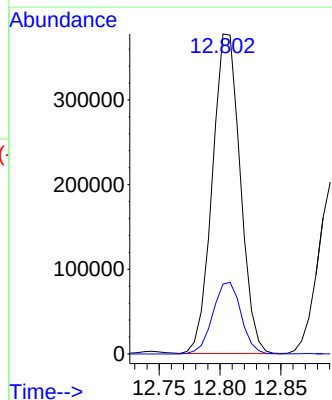
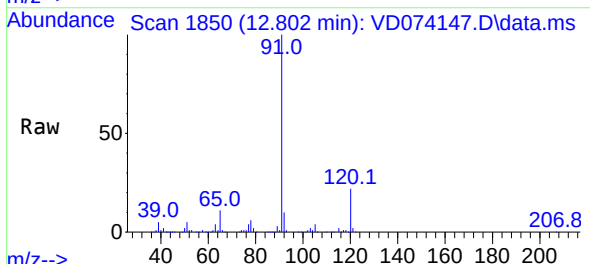
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

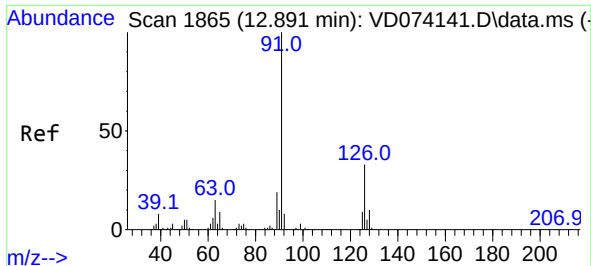
Tgt Ion:156 Resp: 108139
Ion Ratio Lower Upper
156 100
77 190.3 102.8 308.3
158 96.2 48.7 146.1



#78
n-propylbenzene
Concen: 48.952 ug/l
RT: 12.802 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion: 91 Resp: 601334
Ion Ratio Lower Upper
91 100
120 22.7 10.9 32.9

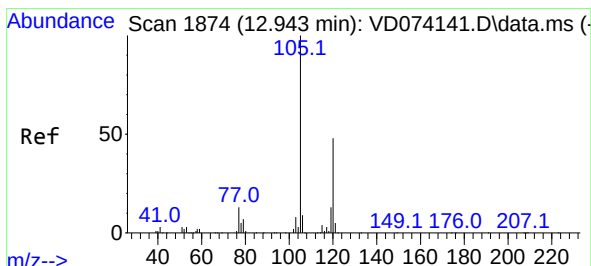
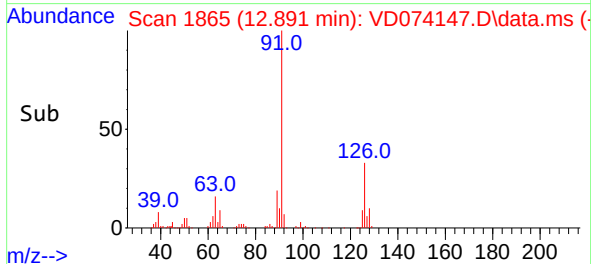
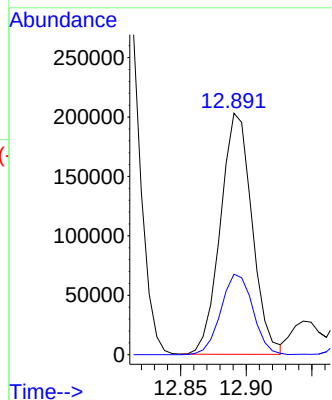
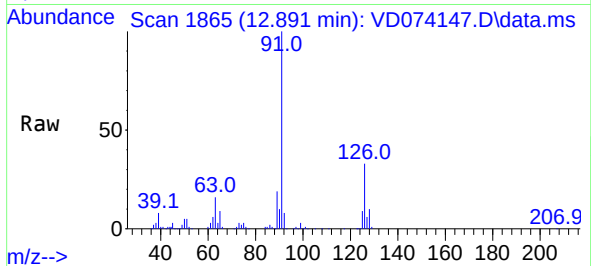




#79
2-Chlorotoluene
Concen: 48.300 ug/l
RT: 12.891 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

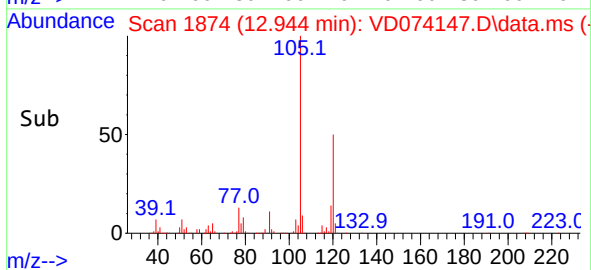
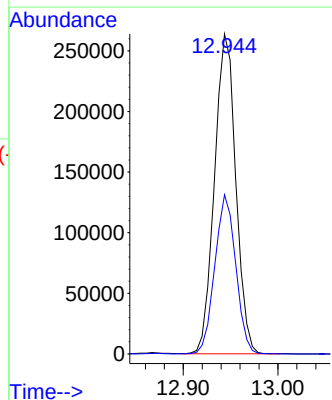
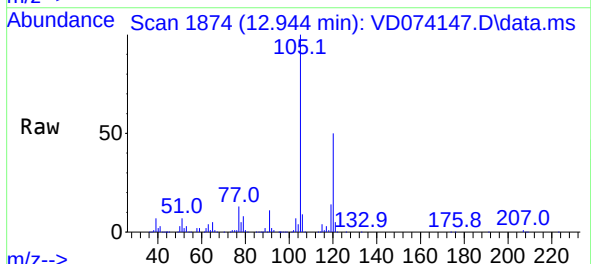
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

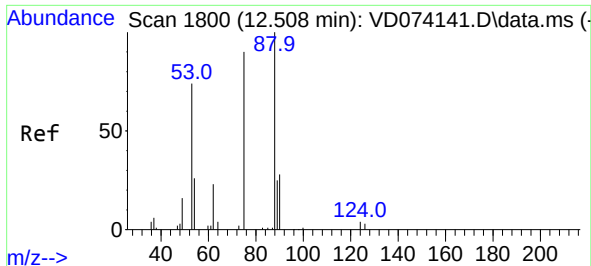
Tgt Ion: 91 Resp: 340526
Ion Ratio Lower Upper
91 100
126 33.7 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 49.626 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. 0.001 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion: 105 Resp: 411124
Ion Ratio Lower Upper
105 100
120 49.1 24.3 72.8

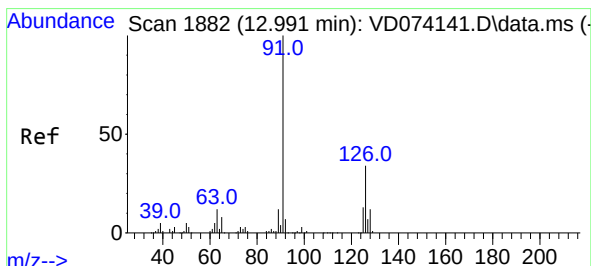
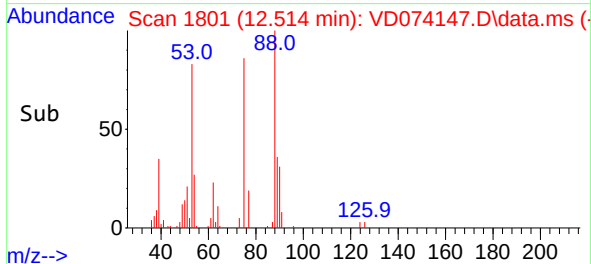
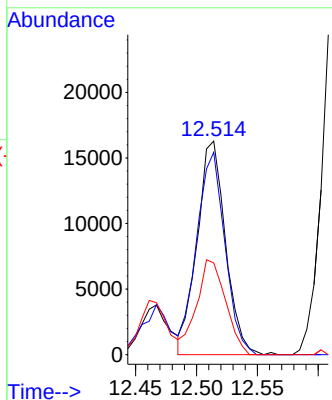
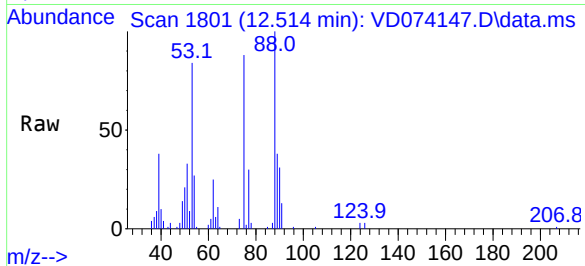




#81
trans-1,4-Dichloro-2-butene
Concen: 49.127 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.006 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

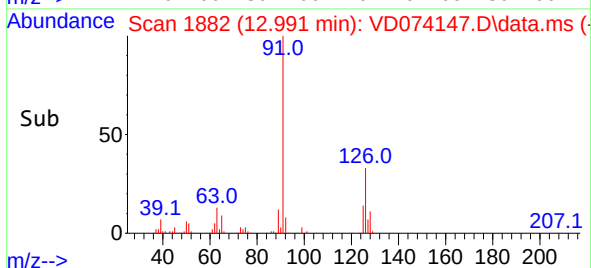
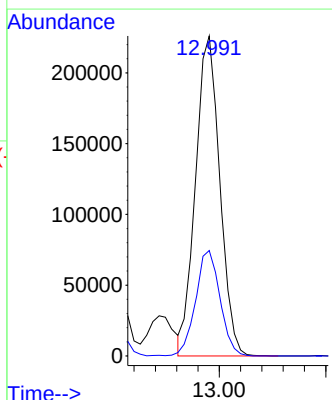
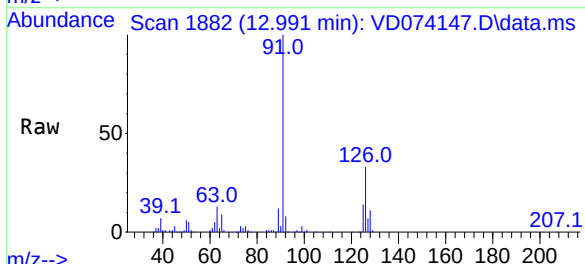
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

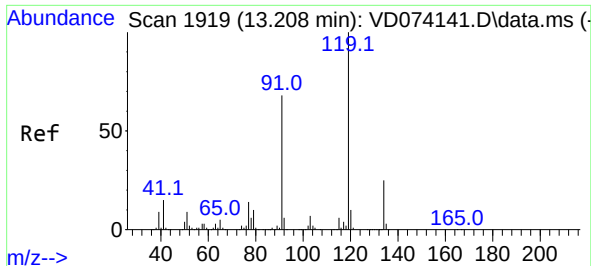
Tgt Ion: 75 Resp: 26452
Ion Ratio Lower Upper
75 100
53 94.6 86.5 129.7
89 45.5 33.9 50.9



#82
4-Chlorotoluene
Concen: 48.318 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion: 91 Resp: 358514
Ion Ratio Lower Upper
91 100
126 33.2 16.5 49.5

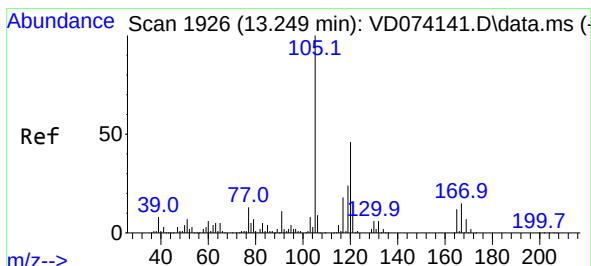
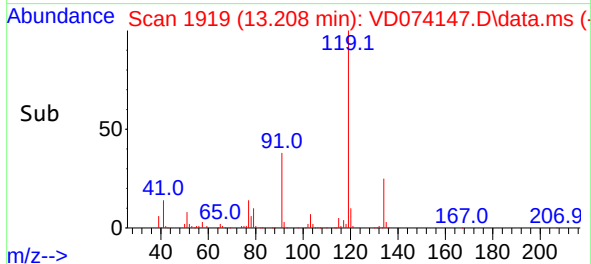
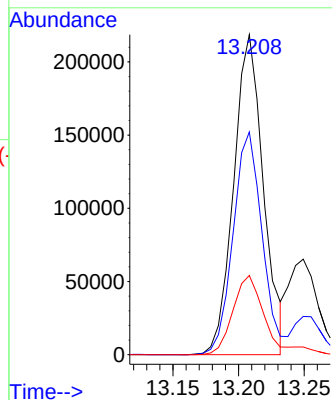
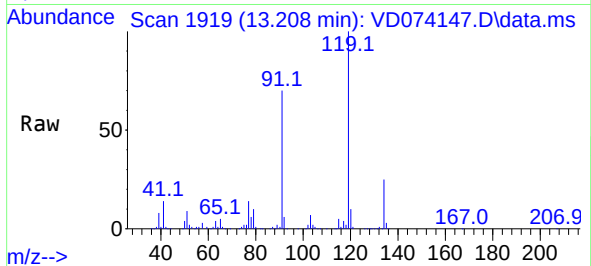




#83
tert-Butylbenzene
Concen: 49.166 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

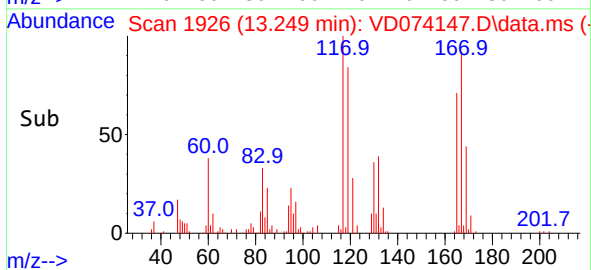
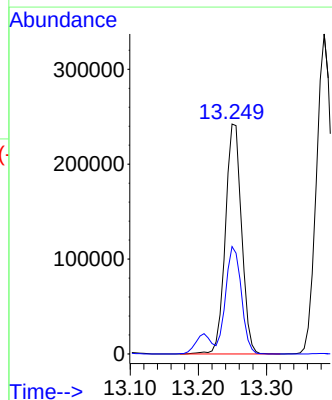
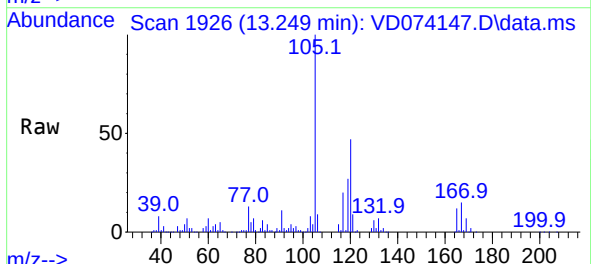
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

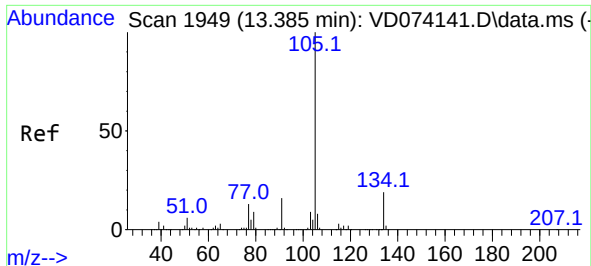
Tgt Ion:119 Resp: 344430
Ion Ratio Lower Upper
119 100
91 68.8 34.8 104.5
134 26.9 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 48.973 ug/l
RT: 13.249 min Scan# 1926
Delta R.T. 0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion:105 Resp: 399653
Ion Ratio Lower Upper
105 100
120 45.3 22.3 66.8

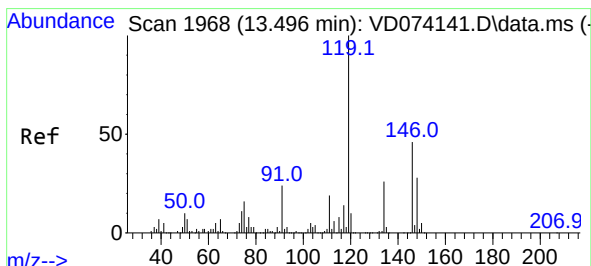
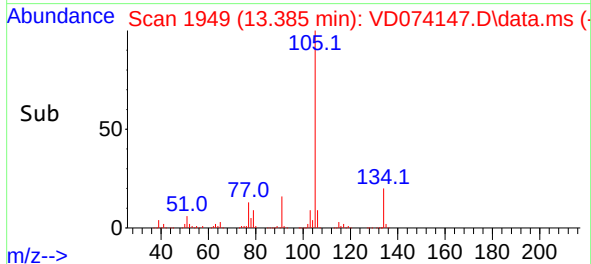
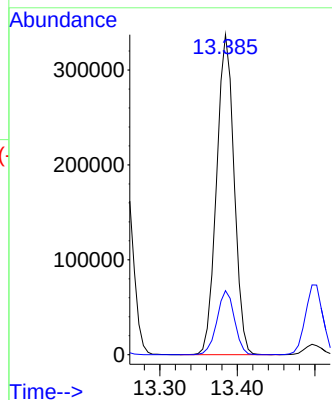
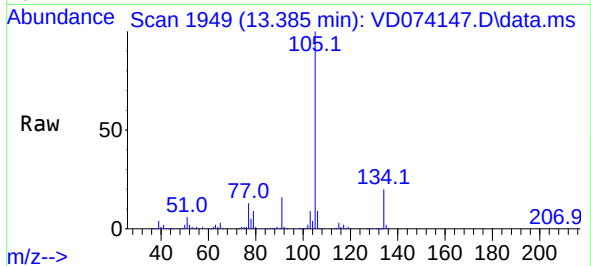




#85
 sec-Butylbenzene
 Concen: 49.696 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VD074147.D
 Acq: 19 Aug 2022 14:02

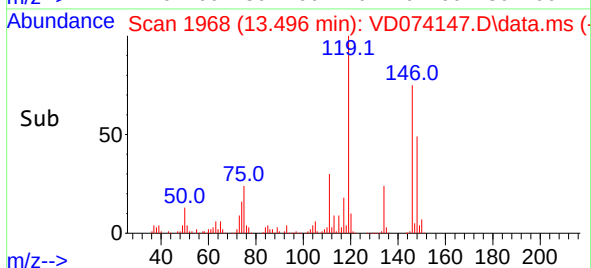
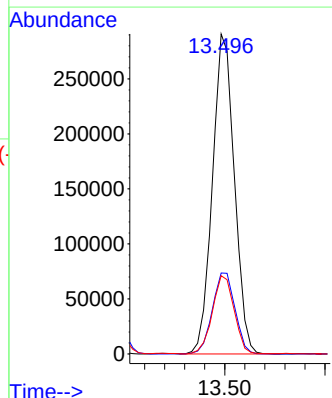
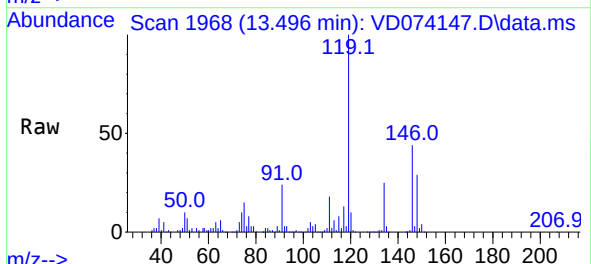
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

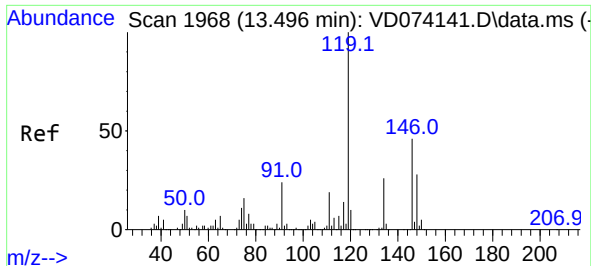
Tgt Ion:105 Resp: 529234
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 49.893 ug/l
 RT: 13.496 min Scan# 1968
 Delta R.T. 0.000 min
 Lab File: VD074147.D
 Acq: 19 Aug 2022 14:02

Tgt Ion:119 Resp: 441114
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.6
 91 24.3 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 48.404 ug/l

RT: 13.496 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD074147.D

Acq: 19 Aug 2022 14:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

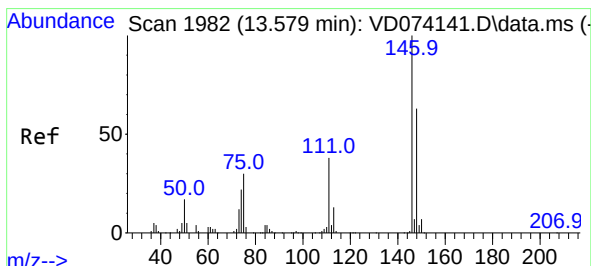
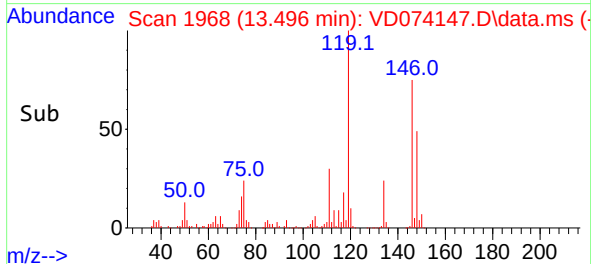
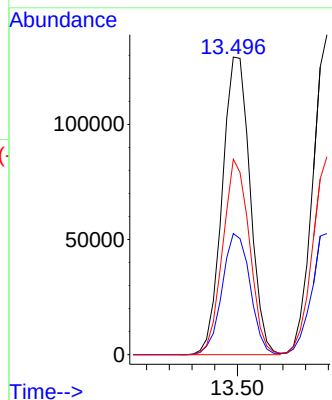
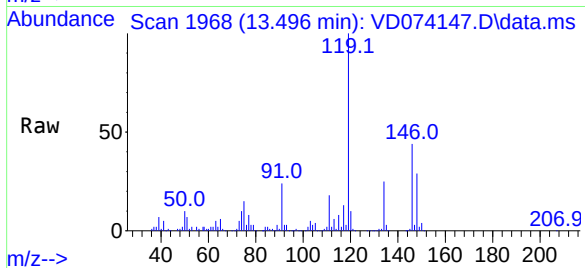
Tgt Ion:146 Resp: 219478

Ion Ratio Lower Upper

146 100

111 41.1 20.4 61.3

148 63.3 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 48.402 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VD074147.D

Acq: 19 Aug 2022 14:02

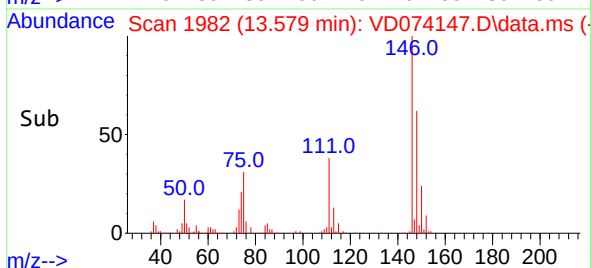
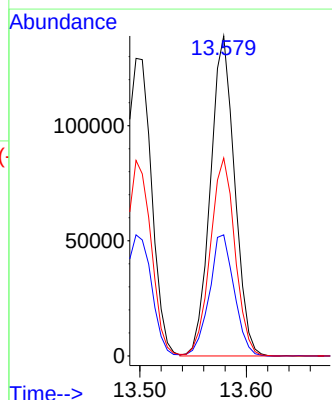
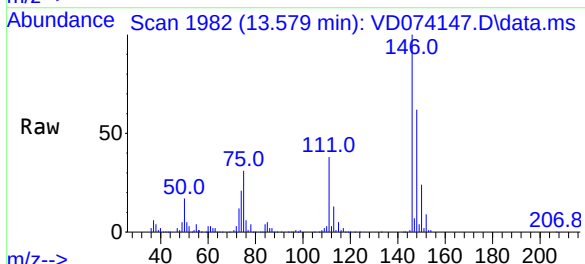
Tgt Ion:146 Resp: 219150

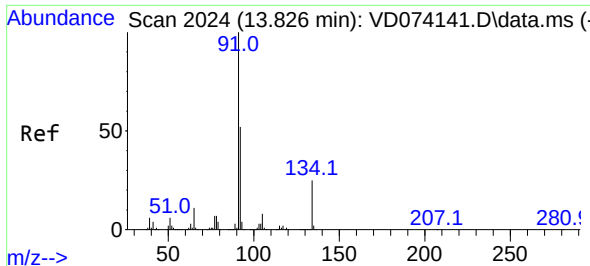
Ion Ratio Lower Upper

146 100

111 38.9 20.3 60.9

148 63.2 31.7 95.1

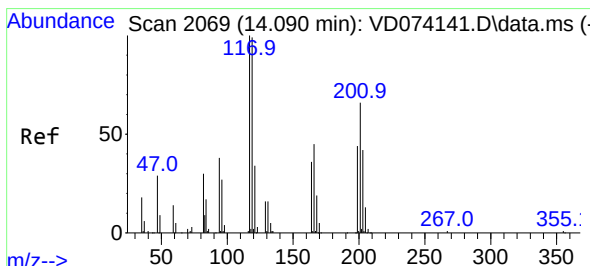
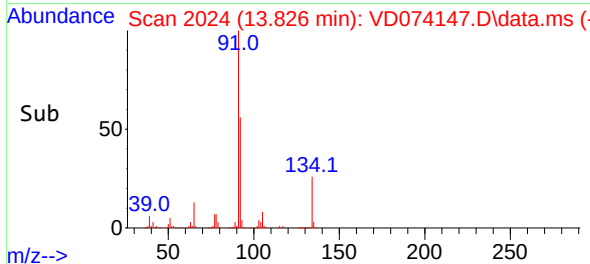
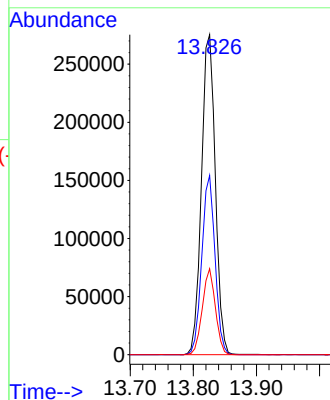
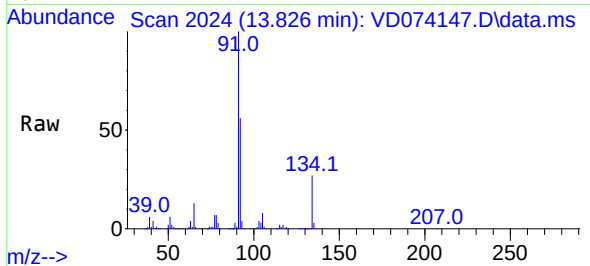




#89
n-Butylbenzene
Concen: 48.748 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

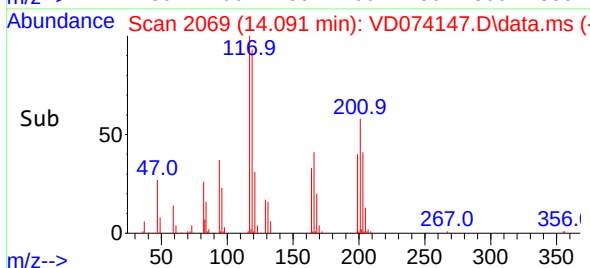
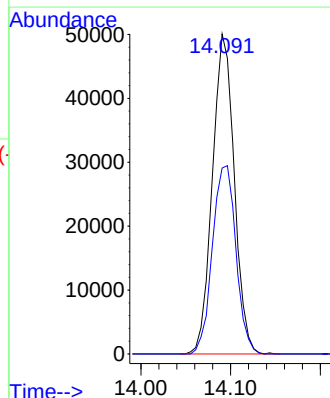
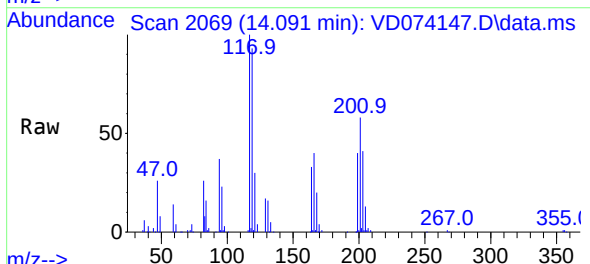
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

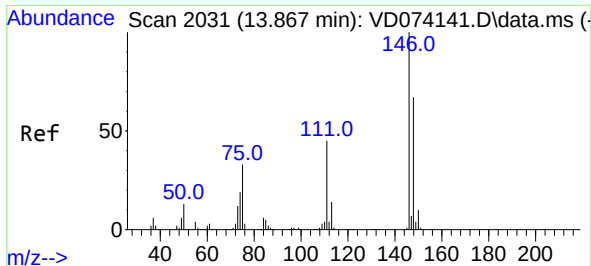
Tgt Ion: 91 Resp: 420315
Ion Ratio Lower Upper
91 100
92 53.4 26.6 79.8
134 25.3 12.3 36.9



#90
Hexachloroethane
Concen: 49.003 ug/l
RT: 14.091 min Scan# 2069
Delta R.T. 0.001 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion: 117 Resp: 84677
Ion Ratio Lower Upper
117 100
201 63.4 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 46.656 ug/l

RT: 13.867 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VD074147.D

Acq: 19 Aug 2022 14:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

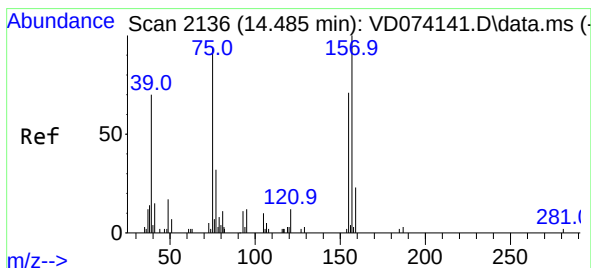
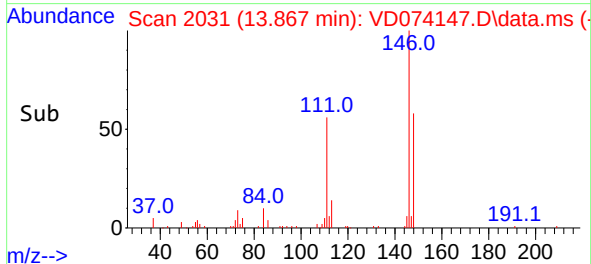
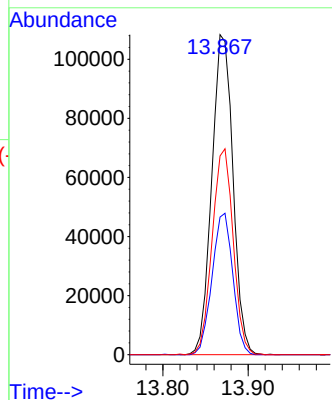
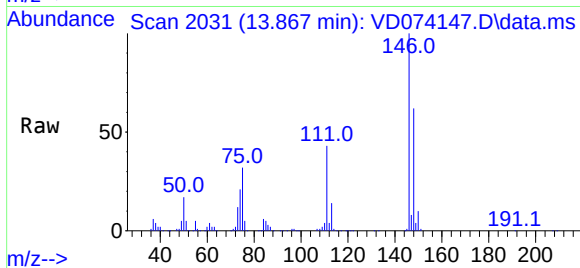
Tgt Ion:146 Resp: 186973

Ion Ratio Lower Upper

146 100

111 43.2 21.1 63.3

148 64.0 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.765 ug/l

RT: 14.485 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VD074147.D

Acq: 19 Aug 2022 14:02

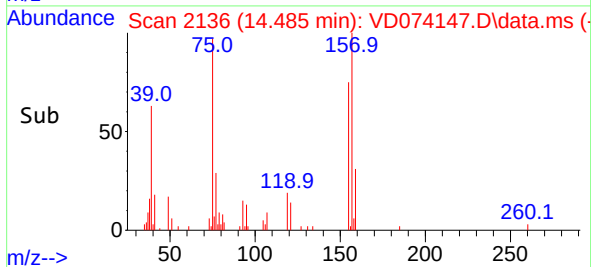
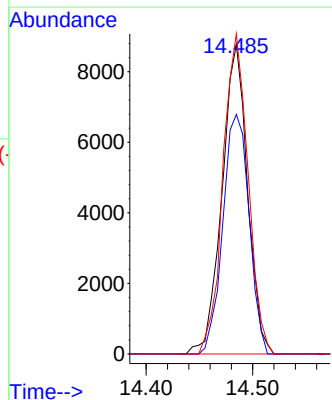
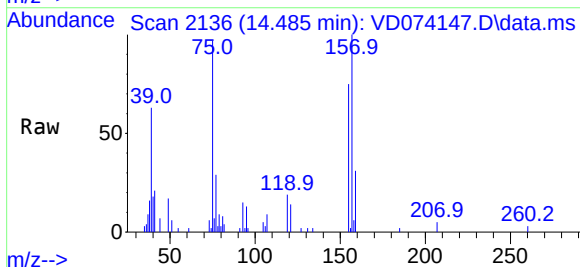
Tgt Ion: 75 Resp: 14573

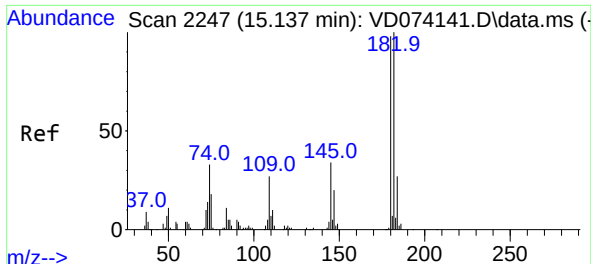
Ion Ratio Lower Upper

75 100

155 79.5 36.8 110.3

157 101.8 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 47.612 ug/l

RT: 15.137 min Scan# 2247

Delta R.T. 0.000 min

Lab File: VD074147.D

Acq: 19 Aug 2022 14:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

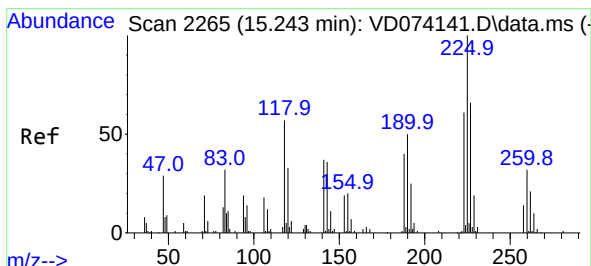
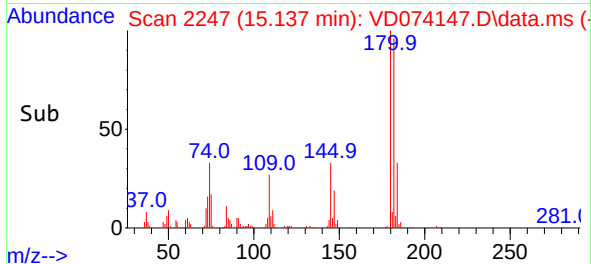
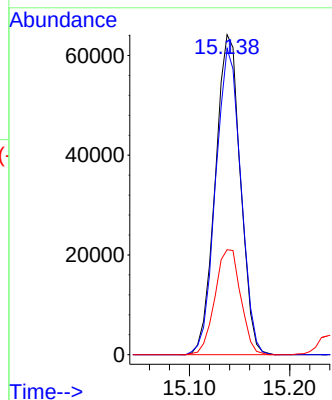
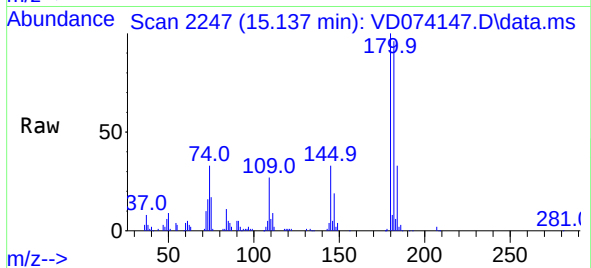
Tgt Ion:180 Resp: 111553

Ion Ratio Lower Upper

180 100

182 95.9 47.3 142.0

145 33.7 16.2 48.5



#94

Hexachlorobutadiene

Concen: 49.113 ug/l

RT: 15.243 min Scan# 2265

Delta R.T. 0.000 min

Lab File: VD074147.D

Acq: 19 Aug 2022 14:02

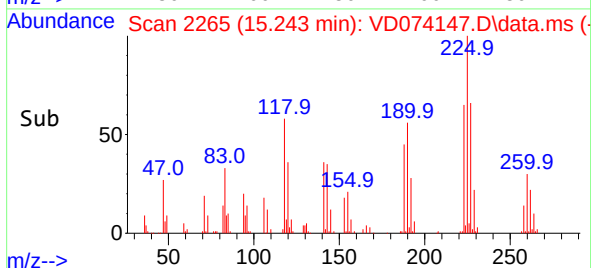
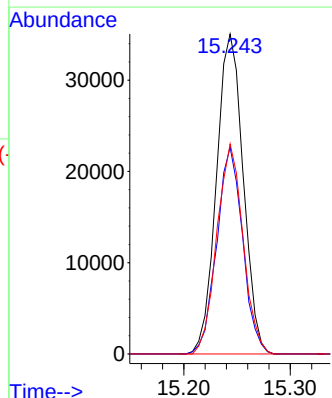
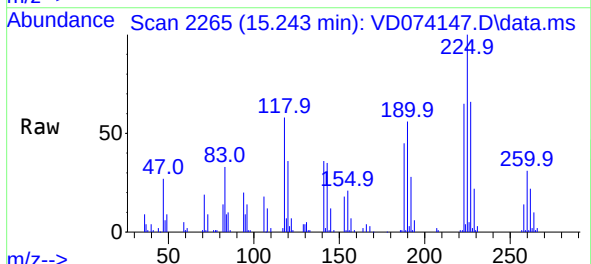
Tgt Ion:225 Resp: 61035

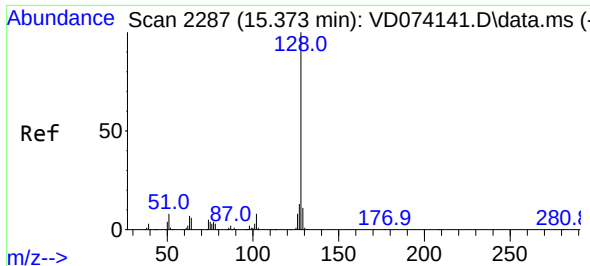
Ion Ratio Lower Upper

225 100

223 62.5 31.1 93.2

227 64.3 32.4 97.0

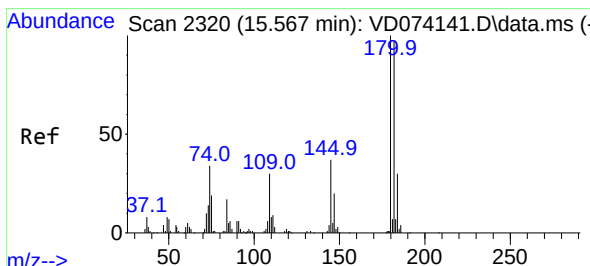
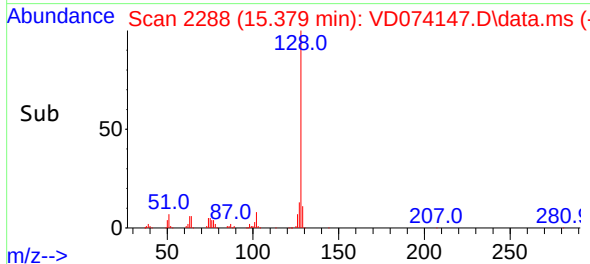
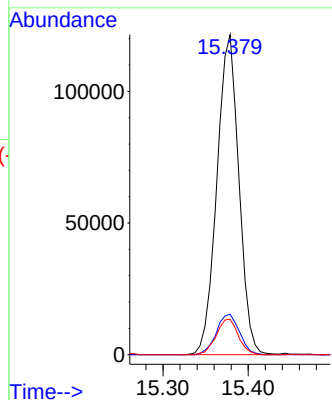
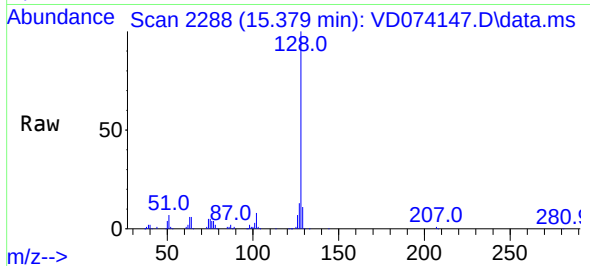




#95
Naphthalene
Concen: 45.886 ug/l
RT: 15.379 min Scan# 217752
Delta R.T. 0.006 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 217752
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.1 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 48.708 ug/l
RT: 15.567 min Scan# 2320
Delta R.T. -0.000 min
Lab File: VD074147.D
Acq: 19 Aug 2022 14:02

Tgt Ion:180 Resp: 100643
Ion Ratio Lower Upper
180 100
182 93.6 47.6 142.9
145 35.0 17.1 51.3

