

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090922\
 Data File : VN074371.D
 Acq On : 09 Sep 2022 11:36
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Sep 10 05:40:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 05:38:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	307449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	570671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	511135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	223579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	52165	9.807	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	19.620%#
35) Dibromofluoromethane	7.951	113	38506	9.995	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	19.980%#
50) Toluene-d8	10.380	98	139597	9.299	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	18.600%#
62) 4-Bromofluorobenzene	12.674	95	49651	9.110	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	18.220%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	42675	10.711	ug/l	93
3) Chloromethane	2.269	50	56015	9.962	ug/l	92
4) Vinyl Chloride	2.404	62	70174	10.542	ug/l #	87
5) Bromomethane	2.781	94	53781	11.577	ug/l	96
6) Chloroethane	2.951	64	51290	10.408	ug/l #	83
7) Trichlorofluoromethane	3.310	101	68723	10.456	ug/l	97
8) Diethyl Ether	3.763	74	28357	10.225	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.146	101	40557	10.297	ug/l	97
10) Methyl Iodide	4.351	142	49390	10.848	ug/l	98
11) Tert butyl alcohol	5.293	59	75448	54.227	ug/l #	85
12) 1,1-Dichloroethene	4.110	96	39865	10.402	ug/l	96
13) Acrolein	3.981	56	47676	51.586	ug/l	97
14) Allyl chloride	4.757	41	88064	10.475	ug/l	98
15) Acrylonitrile	5.475	53	163808	51.461	ug/l	98
16) Acetone	4.216	43	149159	51.940	ug/l	98
17) Carbon Disulfide	4.451	76	108490	10.415	ug/l #	92
18) Methyl Acetate	4.775	43	87529	10.339	ug/l	96
19) Methyl tert-butyl Ether	5.522	73	159612	10.347	ug/l	98
20) Methylene Chloride	5.016	84	48347	9.751	ug/l	92
21) trans-1,2-Dichloroethene	5.504	96	44264	10.329	ug/l #	86
22) Diisopropyl ether	6.404	45	173290	10.238	ug/l	97
23) Vinyl Acetate	6.351	43	775877	51.997	ug/l	98
24) 1,1-Dichloroethane	6.304	63	93537	10.754	ug/l	99
25) 2-Butanone	7.257	43	259491	53.829	ug/l	100
26) 2,2-Dichloropropane	7.245	77	78280	9.949	ug/l	97
27) cis-1,2-Dichloroethene	7.245	96	53485	10.109	ug/l	98
28) Bromochloromethane	7.581	49	24724	7.991	ug/l	93
29) Tetrahydrofuran	7.610	42	166677	52.305	ug/l	98
30) Chloroform	7.745	83	89106	10.264	ug/l	95
31) Cyclohexane	8.022	56	93189	11.015	ug/l #	84
32) 1,1,1-Trichloroethane	7.939	97	77989	10.014	ug/l	97
36) 1,1-Dichloropropene	8.151	75	65809	10.369	ug/l	99
37) Ethyl Acetate	7.334	43	92805	10.071	ug/l	98
38) Carbon Tetrachloride	8.133	117	65127	9.939	ug/l	99
39) Methylcyclohexane	9.398	83	78228	9.725	ug/l	92
40) Benzene	8.392	78	199969	10.290	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	42226	9.243	ug/l #	85
42) 1,2-Dichloroethane	8.463	62	74073	9.971	ug/l	97
43) Isopropyl Acetate	8.492	43	157081	10.432	ug/l	100
44) Trichloroethene	9.145	130	44386	10.188	ug/l	95
45) 1,2-Dichloropropane	9.422	63	52819	10.239	ug/l	93
46) Dibromomethane	9.516	93	35554	10.066	ug/l	98
47) Bromodichloromethane	9.698	83	70007	9.944	ug/l	98
48) Methyl methacrylate	9.498	41	64592	9.734	ug/l	97
49) 1,4-Dioxane	9.510	88	27771	198.593	ug/l	99
51) 4-Methyl-2-Pentanone	10.269	43	503045	51.087	ug/l	99
52) Toluene	10.445	92	121310	10.094	ug/l	99
53) t-1,3-Dichloropropene	10.663	75	77450	9.972	ug/l	97
54) cis-1,3-Dichloropropene	10.127	75	84328	10.185	ug/l	99
55) 1,1,2-Trichloroethane	10.845	97	48663	9.824	ug/l	95
56) Ethyl methacrylate	10.704	69	84309	10.016	ug/l	93
57) 1,3-Dichloropropane	10.986	76	88101	10.175	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	197100	50.339	ug/l	98
59) 2-Hexanone	11.027	43	384157	50.556	ug/l	98
60) Dibromochloromethane	11.180	129	50739	10.117	ug/l	98
61) 1,2-Dibromoethane	11.286	107	51093	10.025	ug/l	97
64) Tetrachloroethene	10.916	164	33009	9.526	ug/l	96
65) Chlorobenzene	11.710	112	126522	10.266	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.786	131	46344	9.626	ug/l	95
67) Ethyl Benzene	11.786	91	229113	9.842	ug/l	98
68) m/p-Xylenes	11.892	106	174512	19.941	ug/l	99
69) o-Xylene	12.221	106	88567	10.068	ug/l	100
70) Styrene	12.239	104	138969	9.937	ug/l	96
71) Bromoform	12.404	173	35108	9.736	ug/l #	96
73) Isopropylbenzene	12.521	105	229632	10.690	ug/l	97
74) N-amyl acetate	12.333	43	130064	10.400	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.774	83	82762	10.252	ug/l	96
76) 1,2,3-Trichloropropane	12.821	75	109451	14.428	ug/l #	1
77) Bromobenzene	12.798	156	50204	10.887	ug/l	93
78) n-propylbenzene	12.863	91	250492	10.179	ug/l	100
79) 2-Chlorotoluene	12.945	91	153305	10.218	ug/l	97
80) 1,3,5-Trimethylbenzene	13.004	105	185946	10.434	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.569	75	27102	10.336	ug/l	97
82) 4-Chlorotoluene	13.045	91	142634	9.853	ug/l	97
83) tert-Butylbenzene	13.268	119	162603	10.134	ug/l	100
84) 1,2,4-Trimethylbenzene	13.310	105	182183	10.314	ug/l	97
85) sec-Butylbenzene	13.445	105	223160	10.221	ug/l	98
86) p-Isopropyltoluene	13.557	119	176335	10.090	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	85632	10.044	ug/l	99
88) 1,4-Dichlorobenzene	13.639	146	86375	10.029	ug/l	98
89) n-Butylbenzene	13.886	91	142554	9.585	ug/l	99
90) Hexachloroethane	14.151	117	36984	10.017	ug/l	97
91) 1,2-Dichlorobenzene	13.927	146	91164	10.167	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	20915	9.518	ug/l	96
93) 1,2,4-Trichlorobenzene	15.198	180	42274	9.461	ug/l	97
94) Hexachlorobutadiene	15.304	225	20046	9.899	ug/l	98
95) Naphthalene	15.439	128	172284	9.856	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	45520	9.845	ug/l	94

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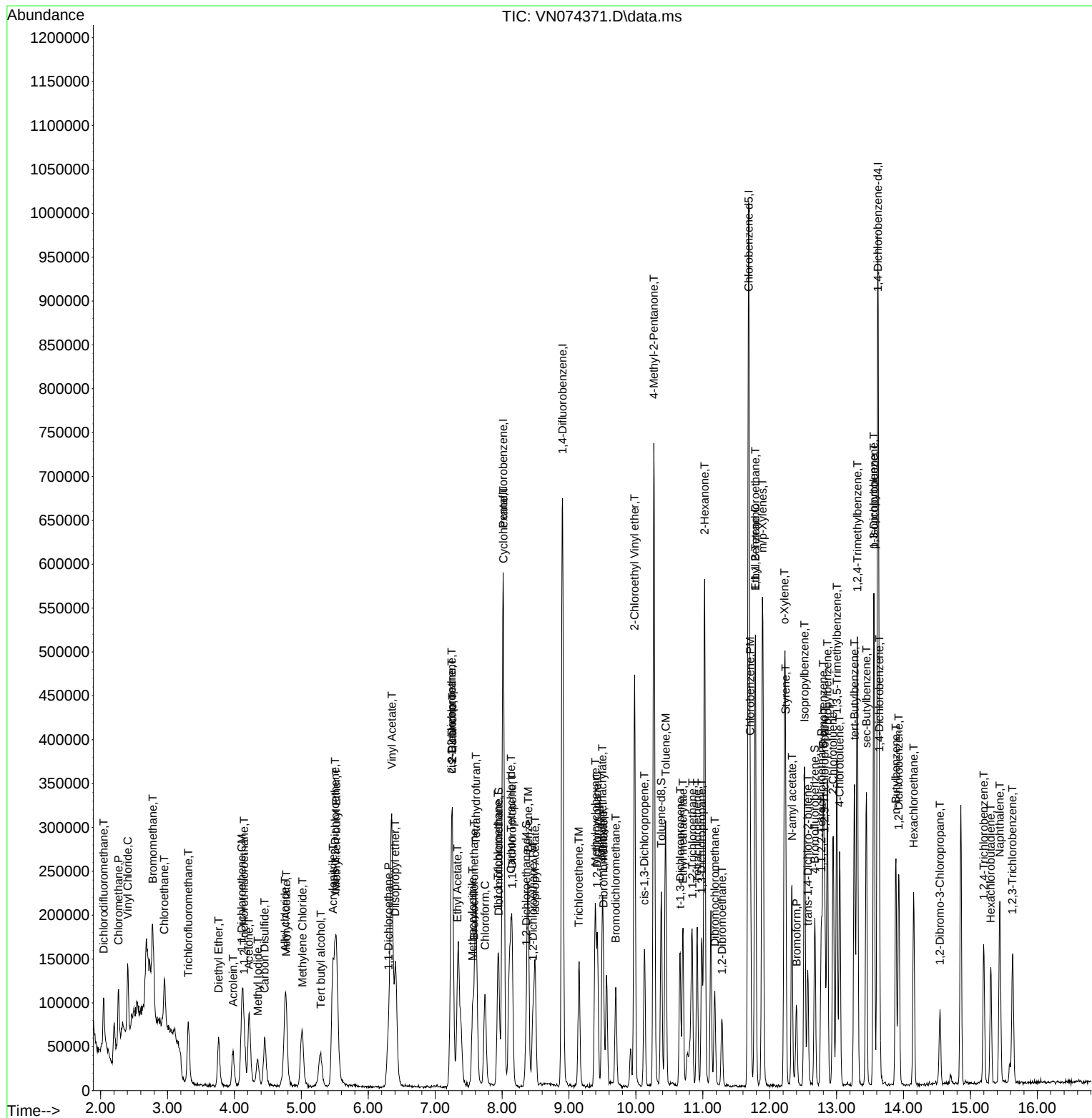
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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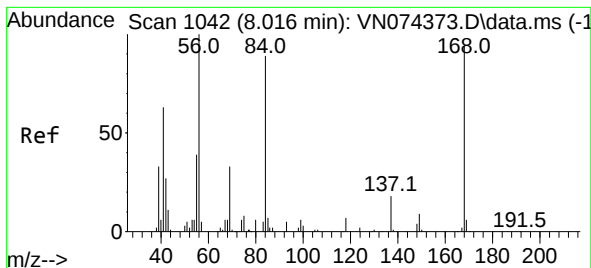
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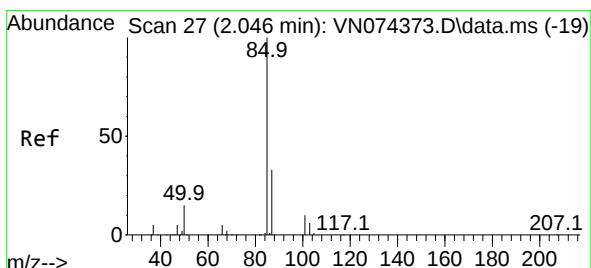
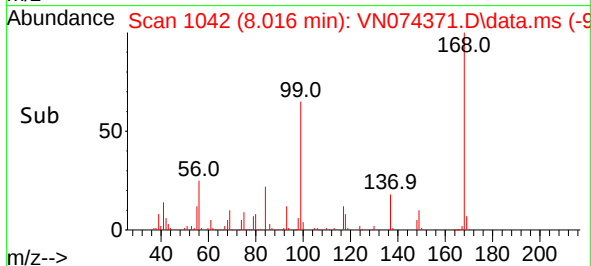
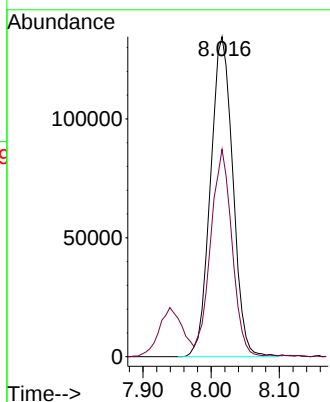
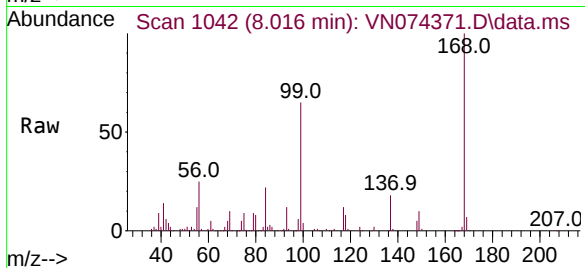




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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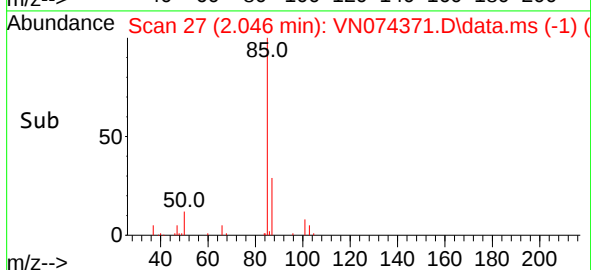
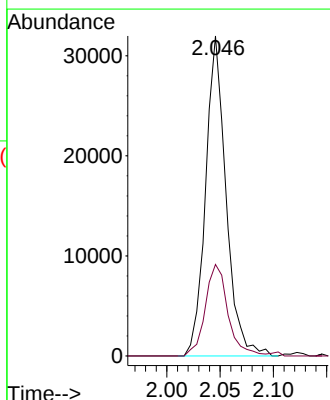
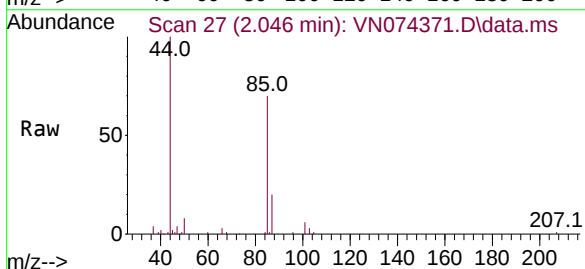
Instrument :
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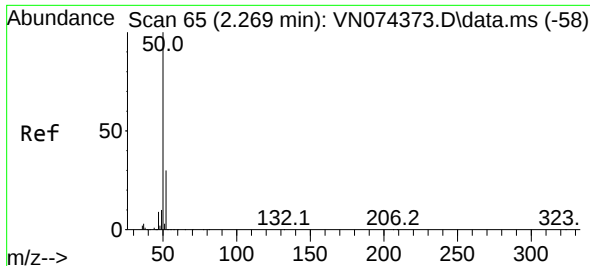
Tgt Ion:168 Resp: 307449
Ion Ratio Lower Upper
168 100
99 64.5 52.8 79.2



#2
Dichlorodifluoromethane
Concen: 10.711 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

Tgt Ion: 85 Resp: 42675
Ion Ratio Lower Upper
85 100
87 28.6 16.4 49.2

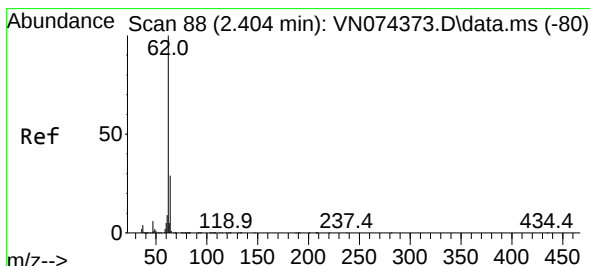
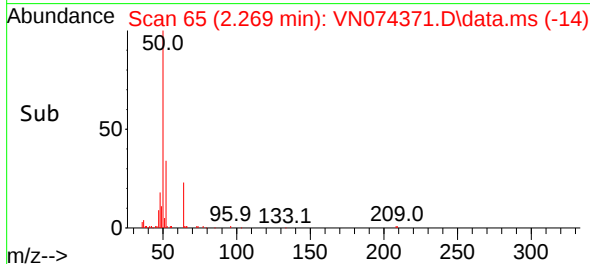
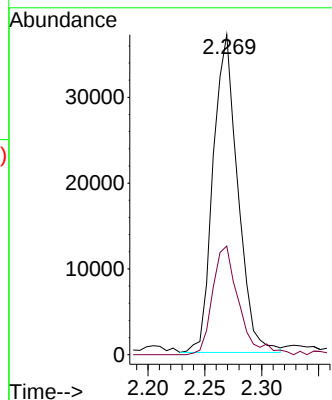
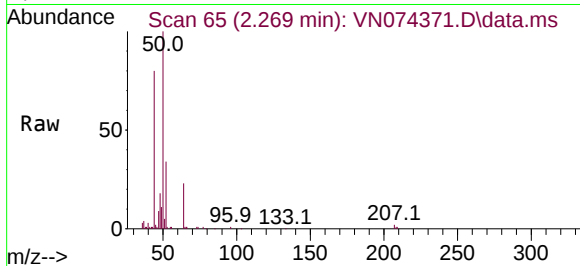




#3
Chloromethane
Concen: 9.962 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN074371.D
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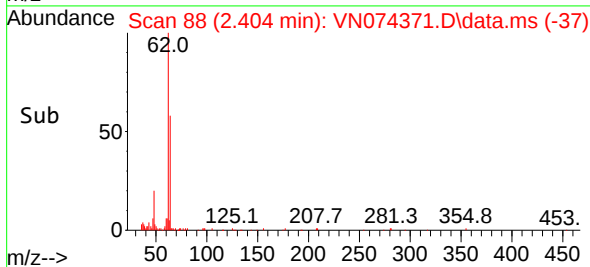
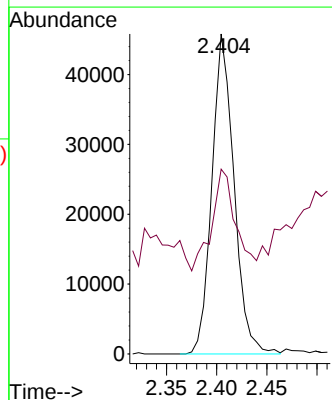
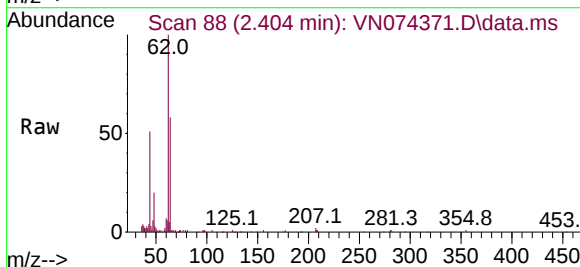
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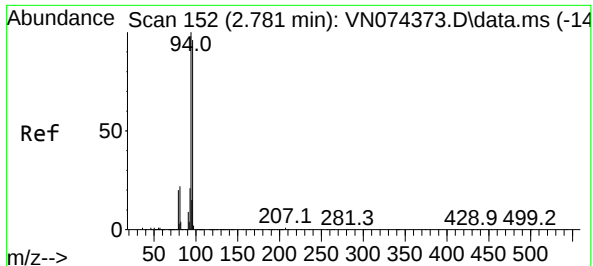
Tgt Ion: 50 Resp: 56015
Ion Ratio Lower Upper
50 100
52 34.2 24.1 36.1



#4
Vinyl Chloride
Concen: 10.542 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

Tgt Ion: 62 Resp: 70174
Ion Ratio Lower Upper
62 100
64 22.3 23.5 35.3#

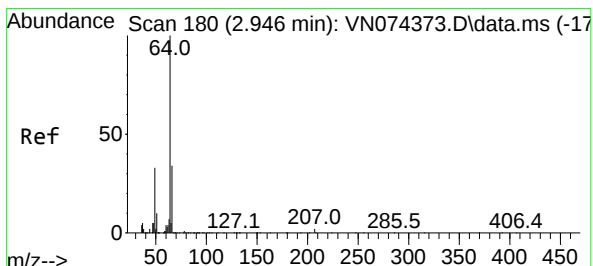
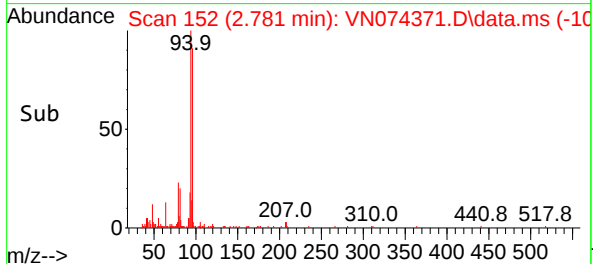
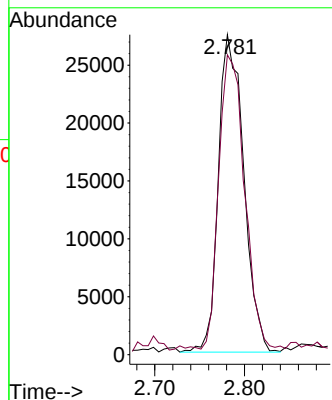
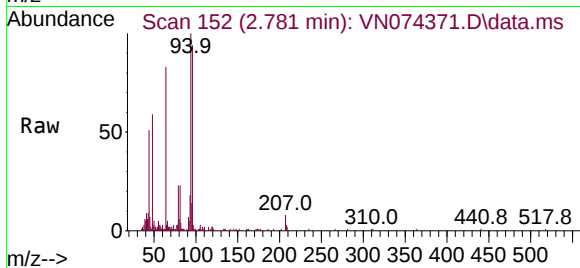




#5
Bromomethane
Concen: 11.577 ug/l
RT: 2.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074371.D
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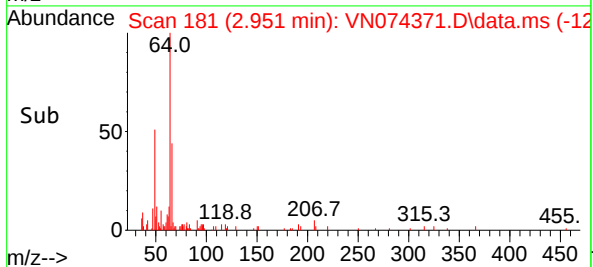
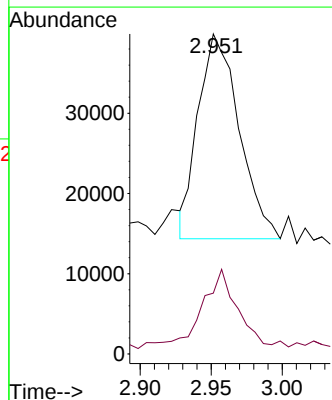
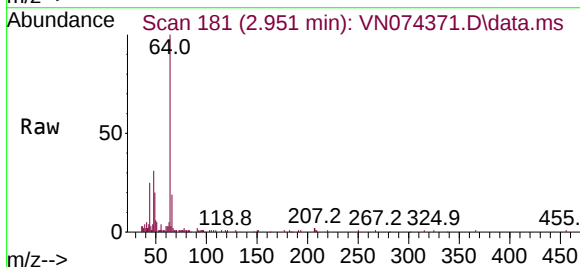
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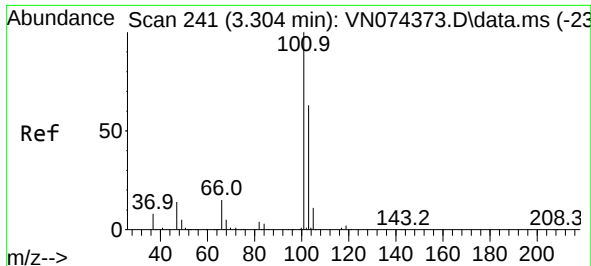
Tgt Ion: 94 Resp: 53781
Ion Ratio Lower Upper
94 100
96 91.7 76.7 115.1



#6
Chloroethane
Concen: 10.408 ug/l
RT: 2.951 min Scan# 181
Delta R.T. 0.006 min
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Tgt Ion: 64 Resp: 51290
Ion Ratio Lower Upper
64 100
66 23.3 26.5 39.7#

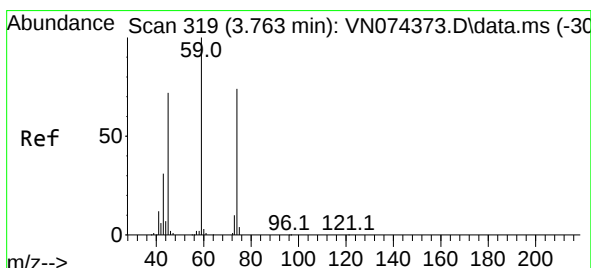
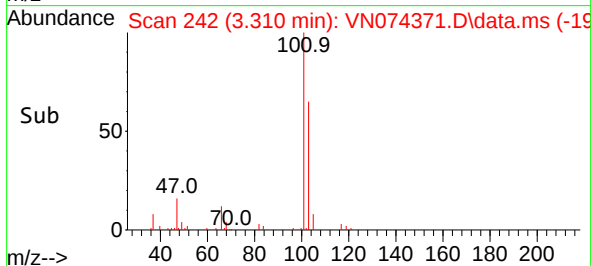
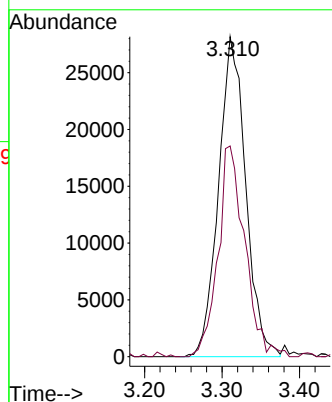
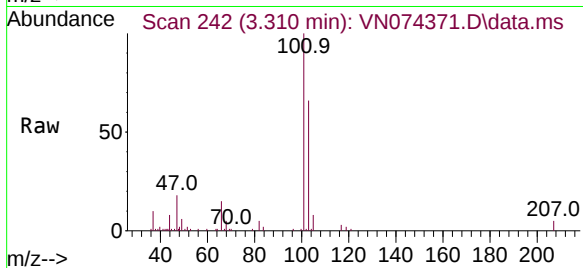




#7
 Trichlorofluoromethane
 Concen: 10.456 ug/l
 RT: 3.310 min Scan# 241
 Delta R.T. 0.006 min
 Lab File: VN074371.D
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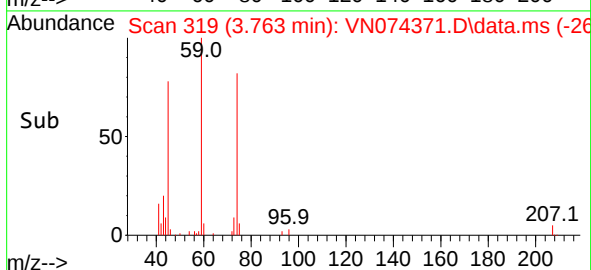
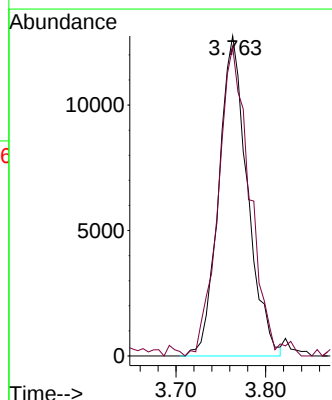
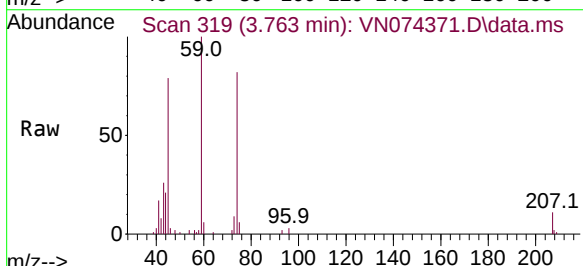
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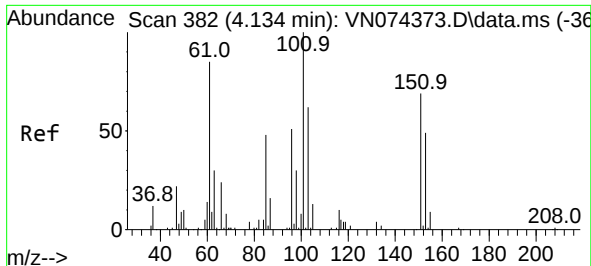
Tgt Ion:101 Resp: 68723
 Ion Ratio Lower Upper
 101 100
 103 65.8 50.8 76.2



#8
 Diethyl Ether
 Concen: 10.225 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 28357
 Ion Ratio Lower Upper
 74 100
 45 106.0 52.4 157.3

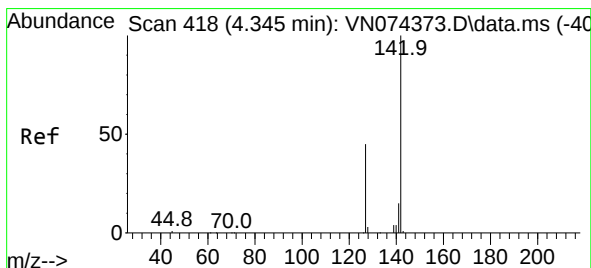
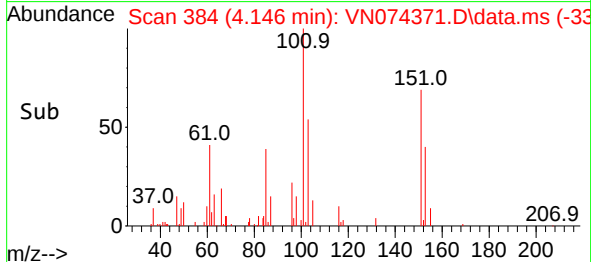
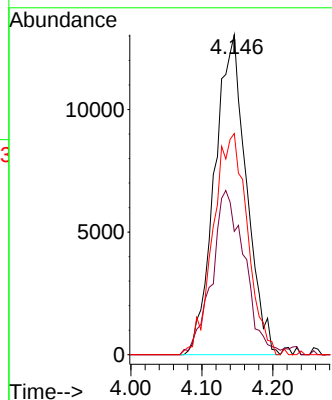
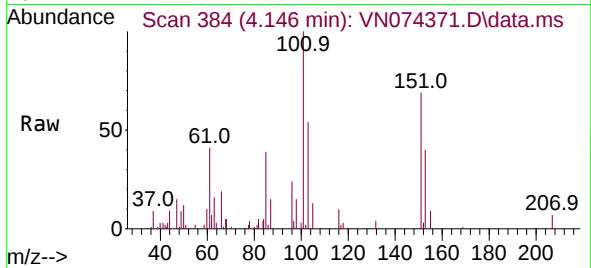




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.297 ug/l
RT: 4.146 min Scan# 382
Delta R.T. 0.012 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

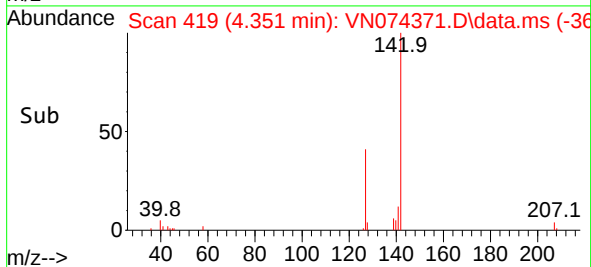
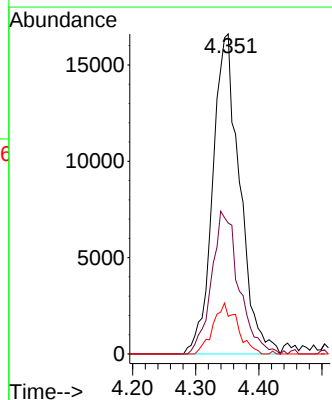
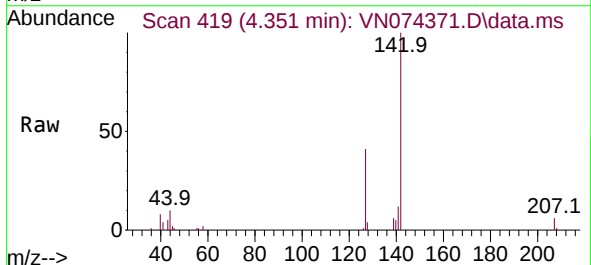
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

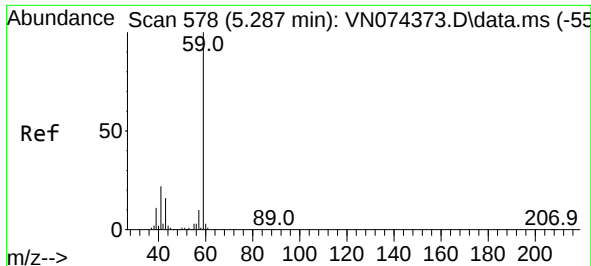
Tgt Ion:101 Resp: 40557
Ion Ratio Lower Upper
101 100
85 52.5 39.5 59.3
151 74.2 57.8 86.6



#10
Methyl Iodide
Concen: 10.848 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

Tgt Ion:142 Resp: 49390
Ion Ratio Lower Upper
142 100
127 45.1 37.4 56.2
141 14.3 11.2 16.8

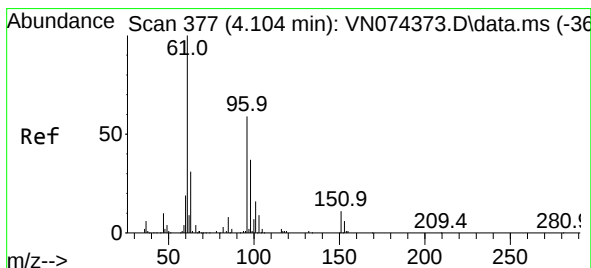
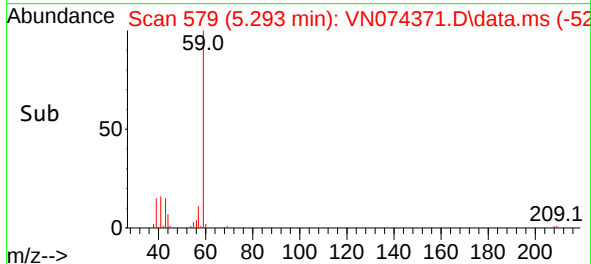
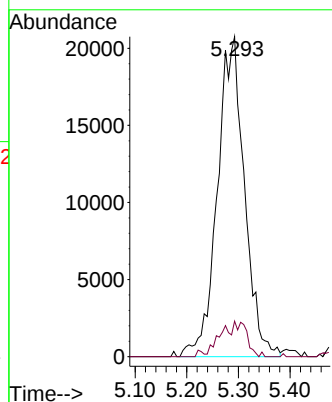
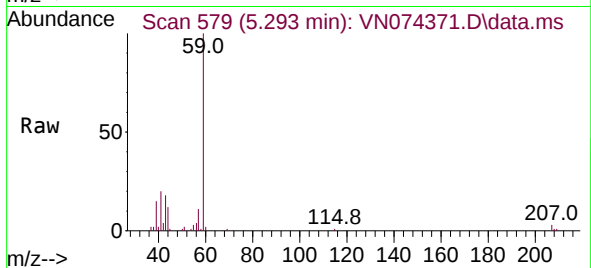




#11
Tert butyl alcohol
Concen: 54.227 ug/l
RT: 5.293 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

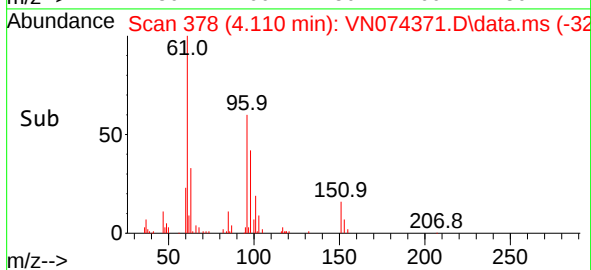
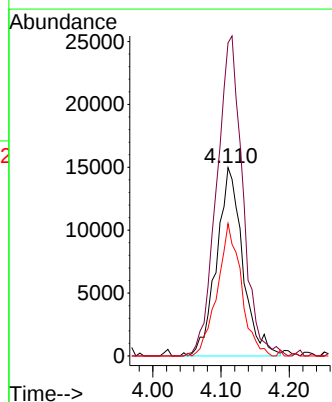
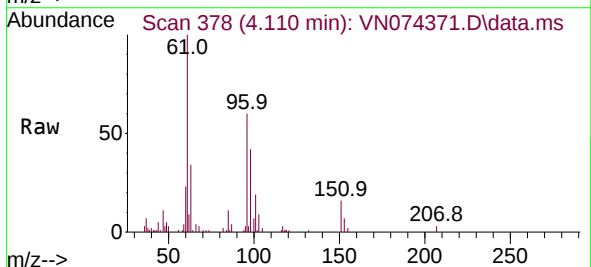
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

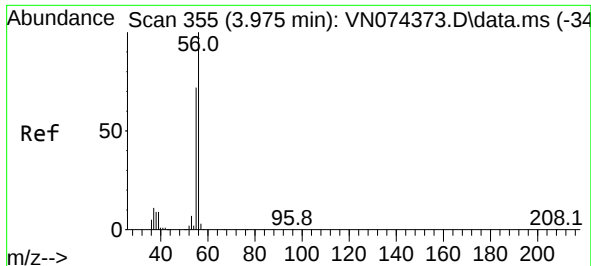
Tgt Ion: 59 Resp: 75448
Ion Ratio Lower Upper
59 100
57 5.3 8.8 13.2#



#12
1,1-Dichloroethene
Concen: 10.402 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

Tgt Ion: 96 Resp: 39865
Ion Ratio Lower Upper
96 100
61 166.3 134.7 202.1
98 70.3 50.2 75.4

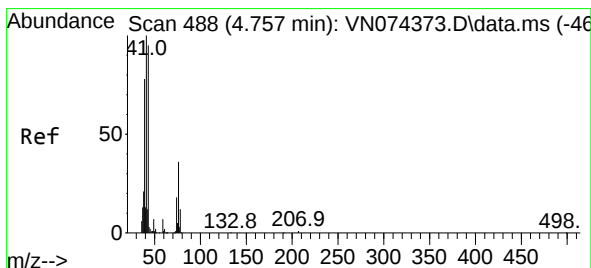
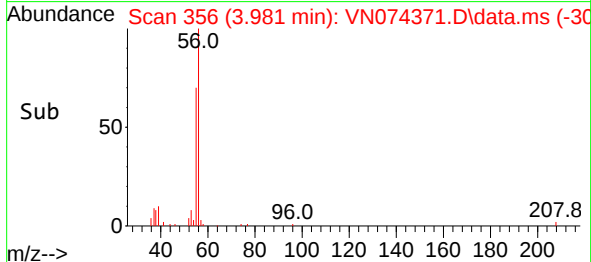
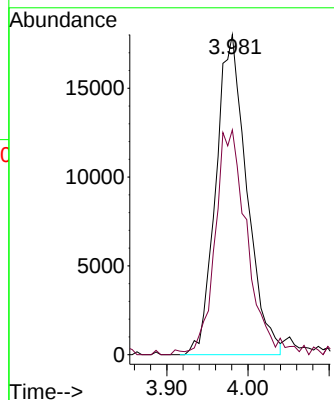
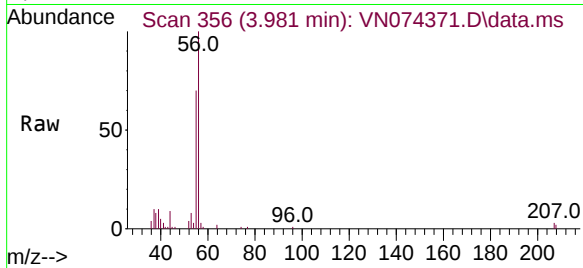




#13
Acrolein
Concen: 51.586 ug/l
RT: 3.981 min Scan# 356
Delta R.T. 0.006 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

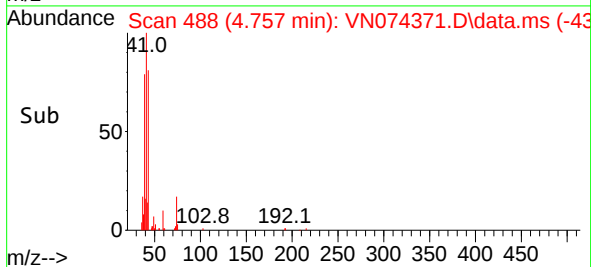
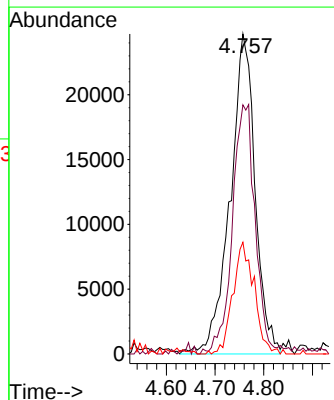
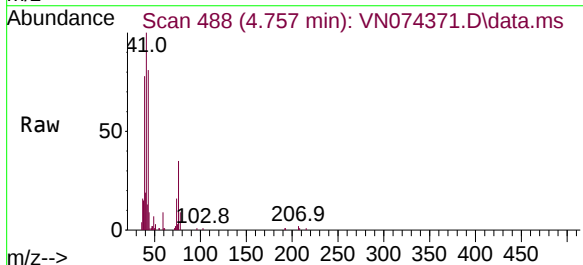
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

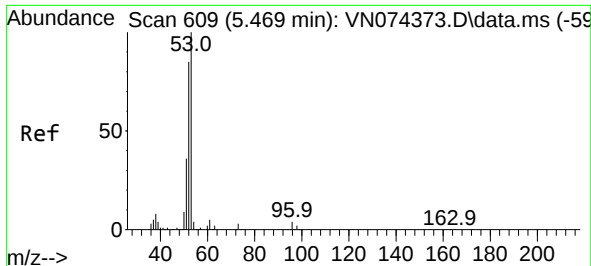
Tgt Ion: 56 Resp: 47676
Ion Ratio Lower Upper
56 100
55 73.1 56.2 84.4



#14
Allyl chloride
Concen: 10.475 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

Tgt Ion: 41 Resp: 88064
Ion Ratio Lower Upper
41 100
39 71.0 58.5 87.7
76 29.8 24.2 36.4

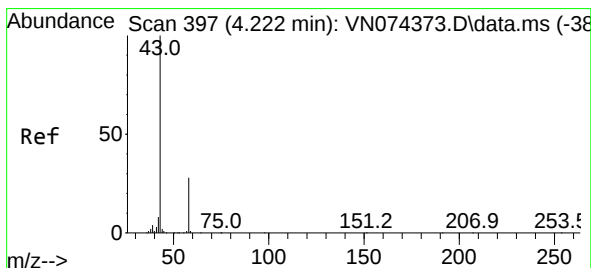
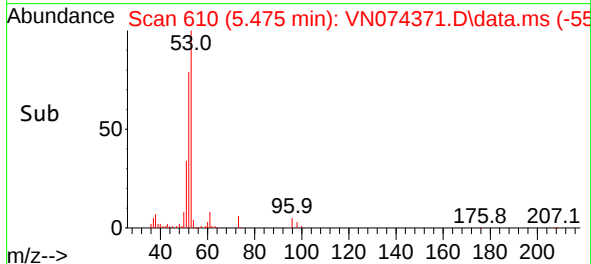
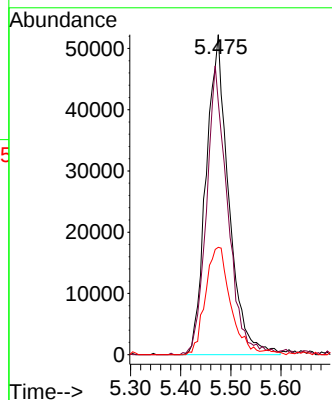
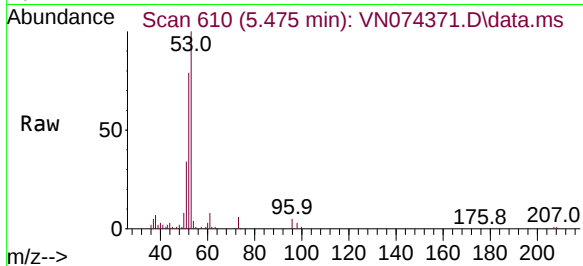




#15
Acrylonitrile
Concen: 51.461 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

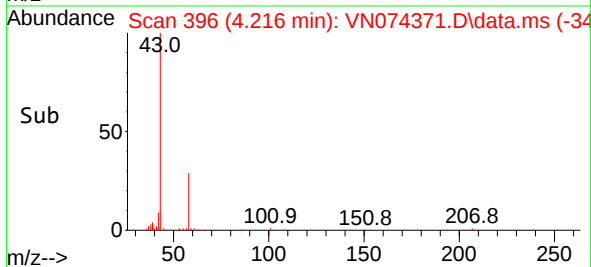
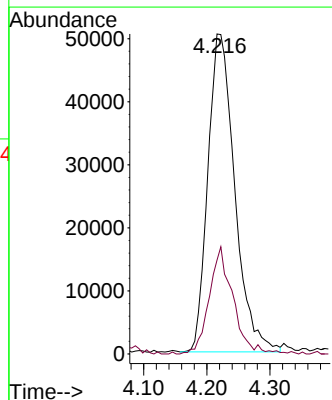
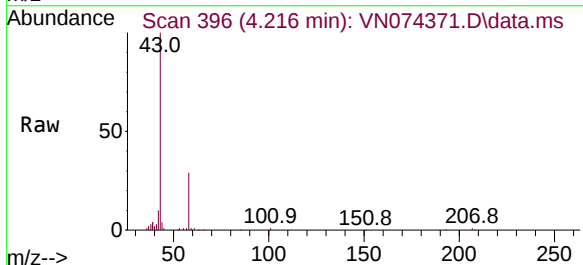
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

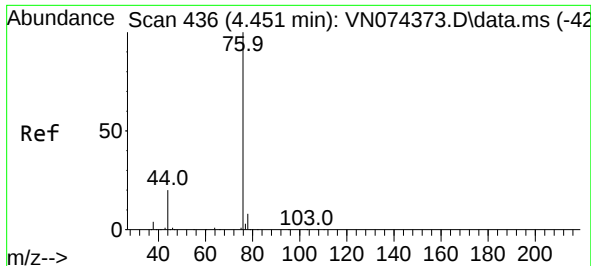
Tgt Ion: 53 Resp: 163808
Ion Ratio Lower Upper
53 100
52 84.7 65.9 98.9
51 36.9 29.4 44.2



#16
Acetone
Concen: 51.940 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

Tgt Ion: 43 Resp: 149159
Ion Ratio Lower Upper
43 100
58 29.5 22.7 34.1





#17

Carbon Disulfide

Concen: 10.415 ug/l

RT: 4.451 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN074371.D

Acq: 09 Sep 2022 11:36

Instrument :

MSVOA_N

ClientSampleId :

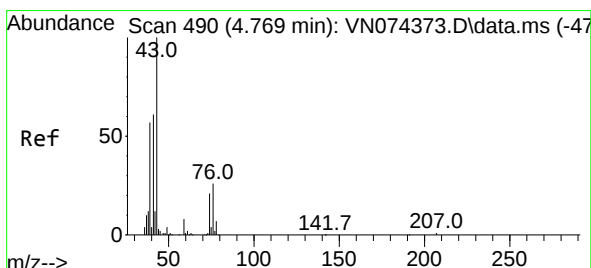
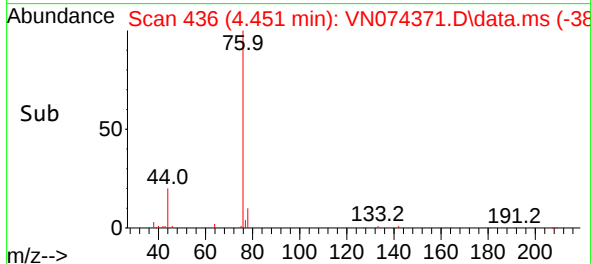
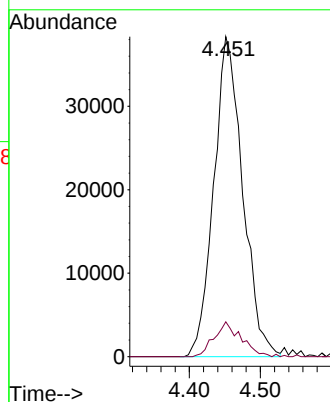
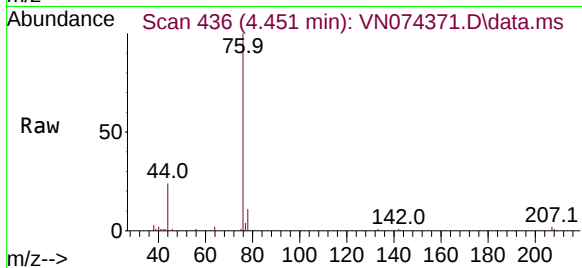
VSTDIC010

Tgt Ion: 76 Resp: 108490

Ion Ratio Lower Upper

76 100

78 10.9 6.5 9.7#



#18

Methyl Acetate

Concen: 10.339 ug/l

RT: 4.775 min Scan# 491

Delta R.T. 0.006 min

Lab File: VN074371.D

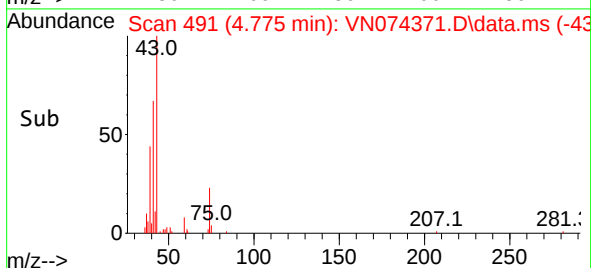
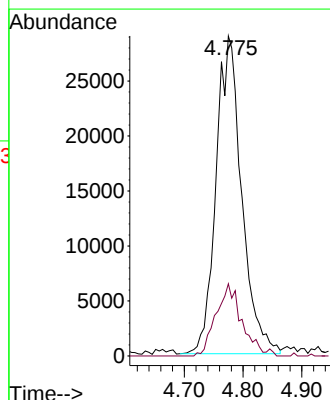
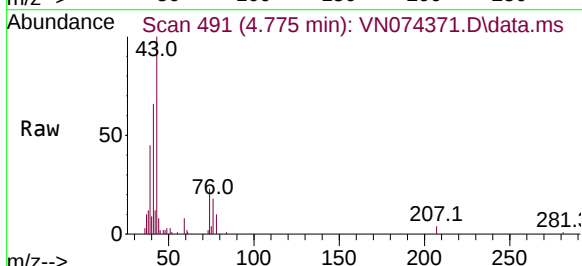
Acq: 09 Sep 2022 11:36

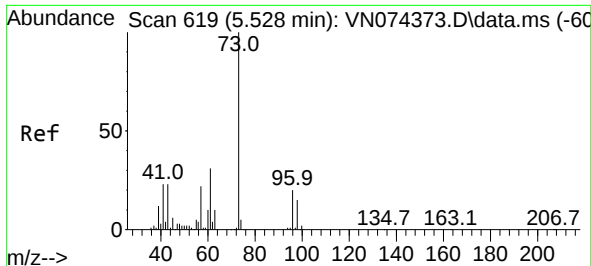
Tgt Ion: 43 Resp: 87529

Ion Ratio Lower Upper

43 100

74 22.6 16.7 25.1

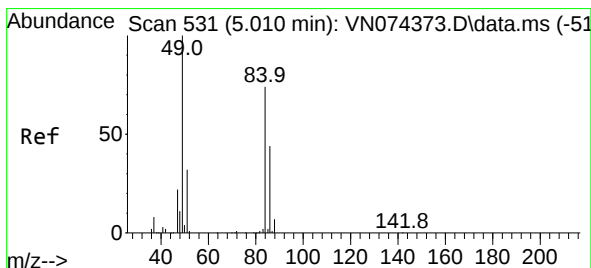
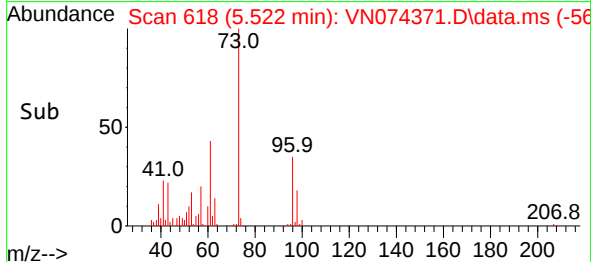
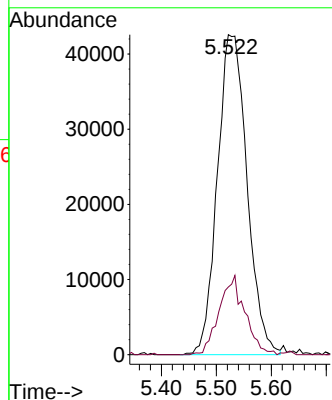
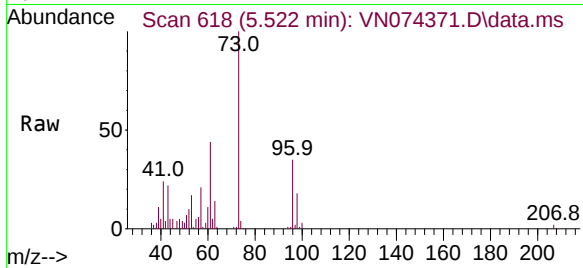




#19
Methyl tert-butyl Ether
Concen: 10.347 ug/l
RT: 5.522 min Scan# 619
Delta R.T. -0.006 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

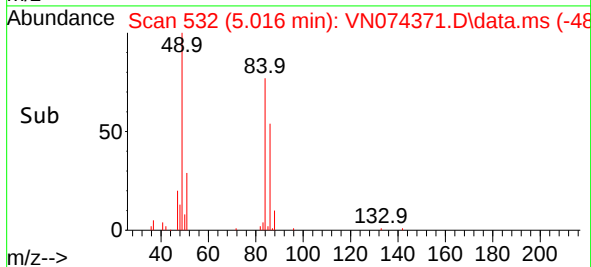
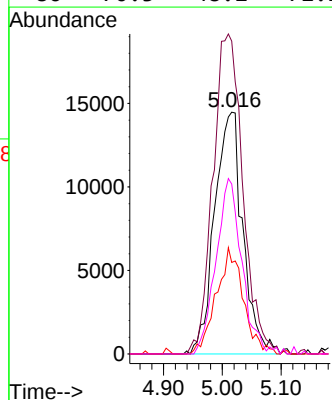
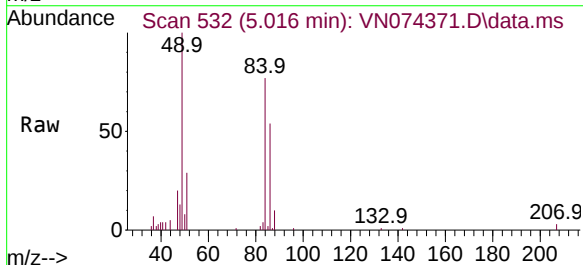
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

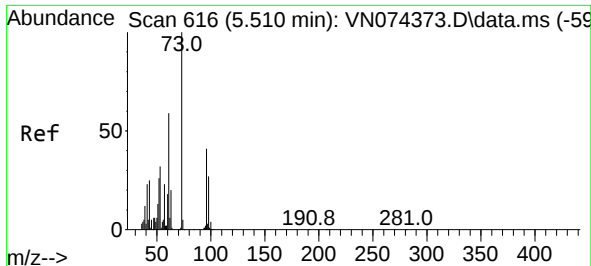
Tgt Ion: 73 Resp: 159612
Ion Ratio Lower Upper
73 100
57 21.2 17.7 26.5



#20
Methylene Chloride
Concen: 9.751 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

Tgt Ion: 84 Resp: 48347
Ion Ratio Lower Upper
84 100
49 129.4 108.2 162.4
51 37.9 34.3 51.5
86 70.3 48.2 72.2

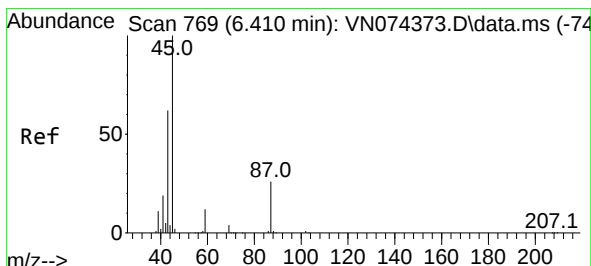
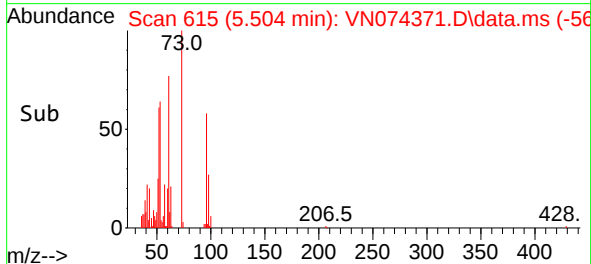
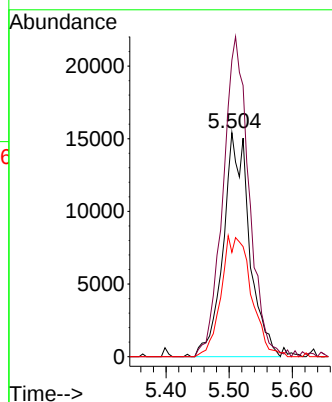
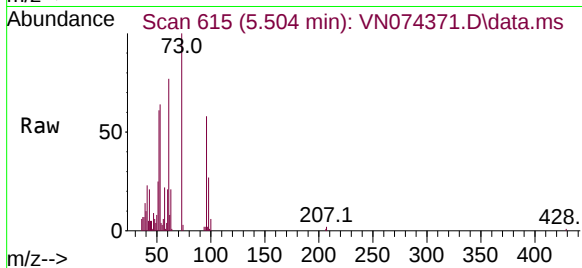




#21
trans-1,2-Dichloroethene
Concen: 10.329 ug/l
RT: 5.504 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

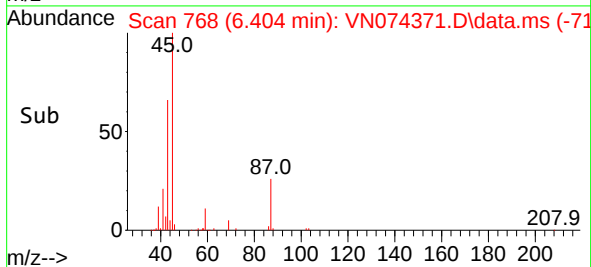
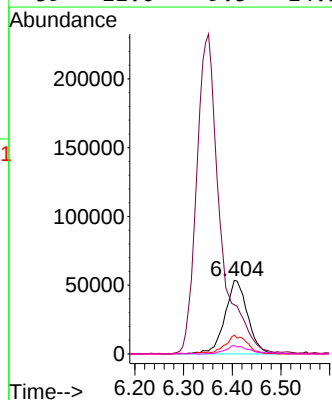
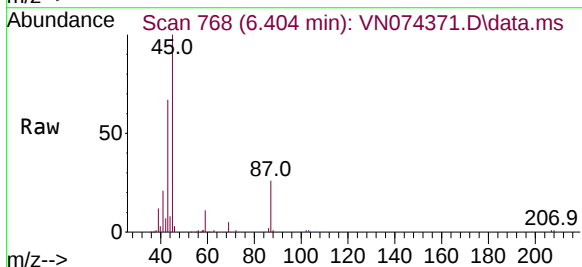
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

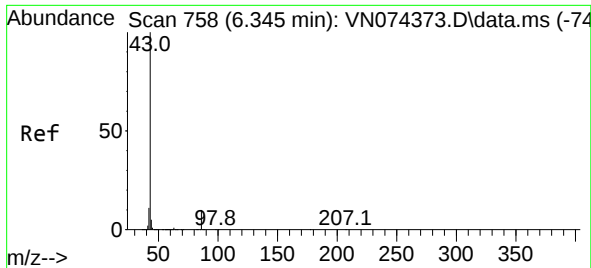
Tgt Ion: 96 Resp: 44264
Ion Ratio Lower Upper
96 100
61 132.3 115.3 172.9
98 46.6 53.4 80.0#



#22
Diisopropyl ether
Concen: 10.238 ug/l
RT: 6.404 min Scan# 768
Delta R.T. -0.006 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

Tgt Ion: 45 Resp: 173290
Ion Ratio Lower Upper
45 100
43 64.6 49.4 74.0
87 25.7 21.3 31.9
59 11.0 9.5 14.3

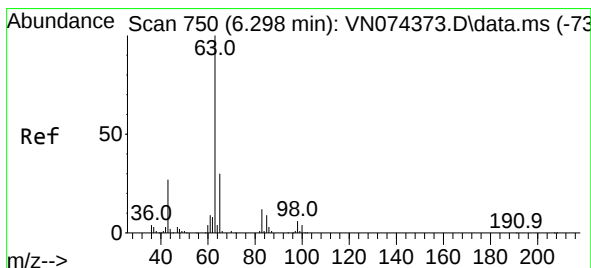
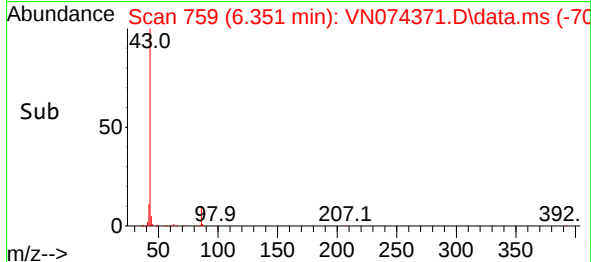
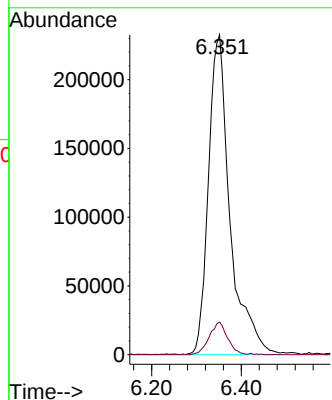
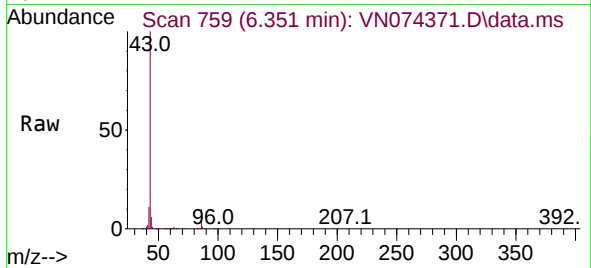




#23
 Vinyl Acetate
 Concen: 51.997 ug/l
 RT: 6.351 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN074371.D
 Acq: 09 Sep 2022 11:36

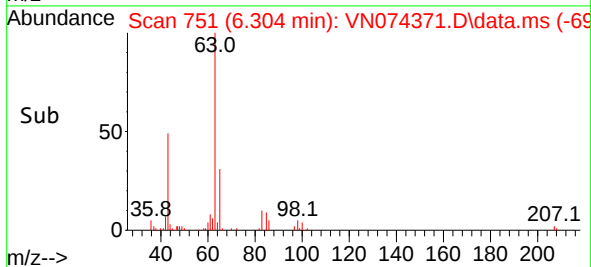
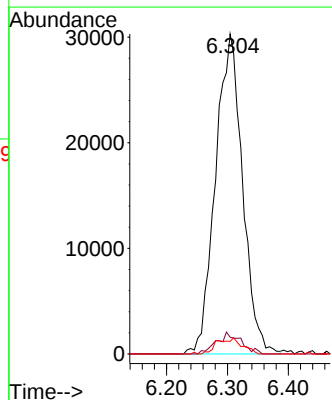
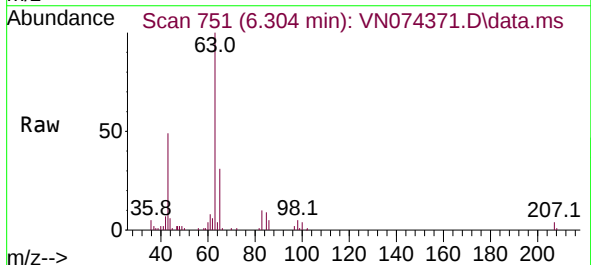
Instrument :
 MSVOA_N
 ClientSampleId :
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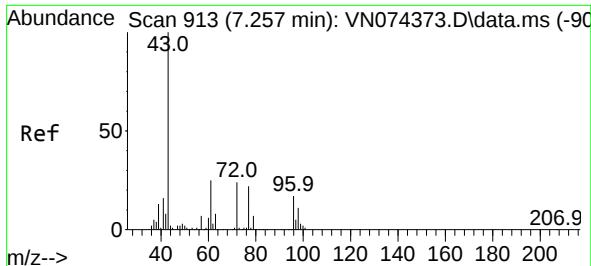
Tgt Ion: 43 Resp: 775877
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 10.754 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.006 min
 Lab File: VN074371.D
 Acq: 09 Sep 2022 11:36

Tgt Ion: 63 Resp: 93537
 Ion Ratio Lower Upper
 63 100
 98 5.3 2.9 8.6
 100 3.9 2.0 5.8

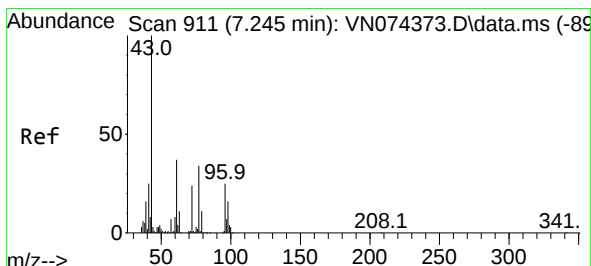
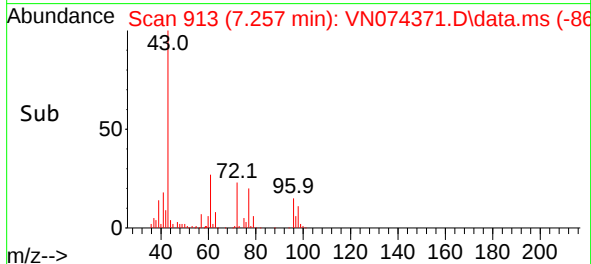
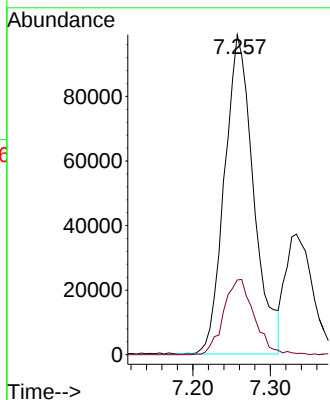
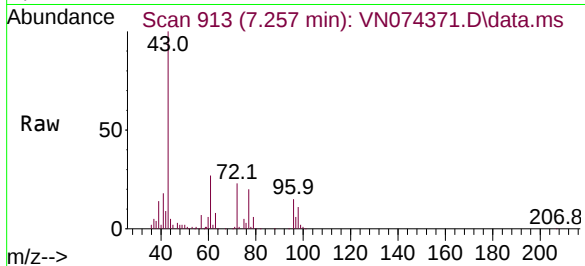




#25
2-Butanone
Concen: 53.829 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

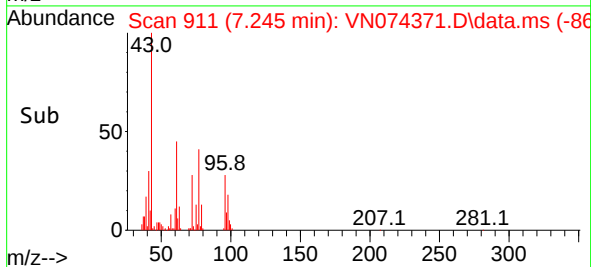
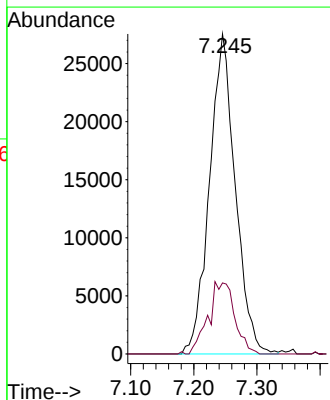
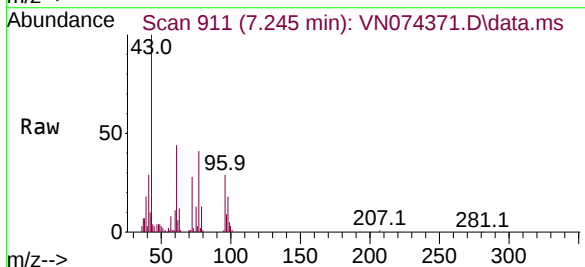
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 259491
Ion Ratio Lower Upper
43 100
72 23.4 18.9 28.3



#26
2,2-Dichloropropane
Concen: 9.949 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

Tgt Ion: 77 Resp: 78280
Ion Ratio Lower Upper
77 100
97 23.0 10.7 32.1

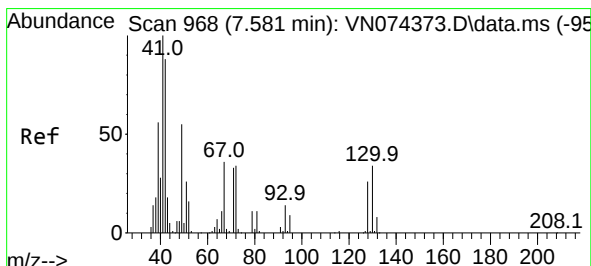
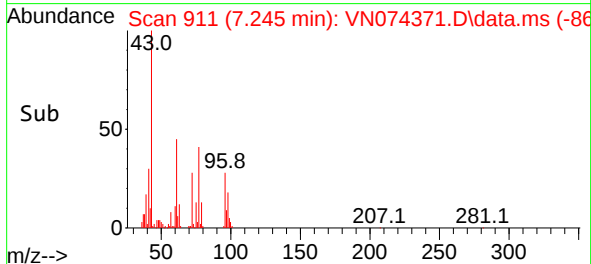
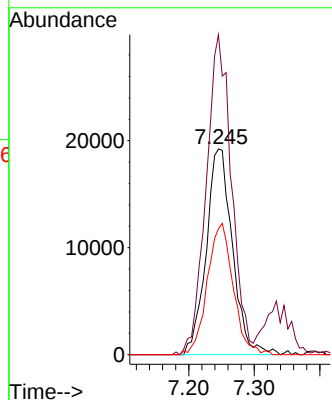
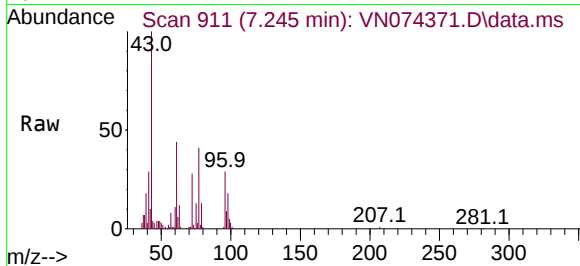




#27
 cis-1,2-Dichloroethene
 Concen: 10.109 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN074371.D
 Acq: 09 Sep 2022 11:36

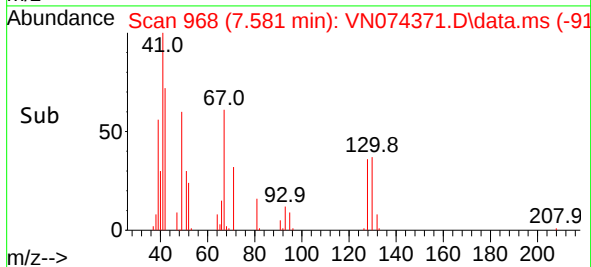
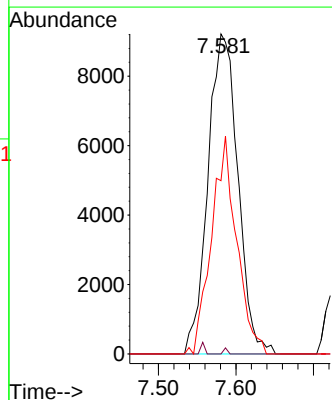
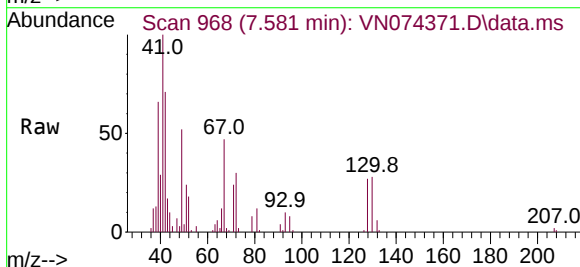
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

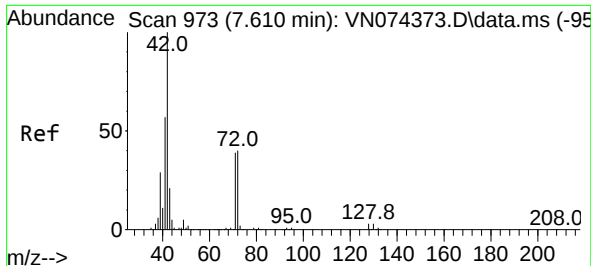
Tgt Ion: 96 Resp: 53485
 Ion Ratio Lower Upper
 96 100
 61 150.1 0.0 306.2
 98 62.8 0.0 129.8



#28
 Bromochloromethane
 Concen: 7.991 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. 0.000 min
 Lab File: VN074371.D
 Acq: 09 Sep 2022 11:36

Tgt Ion: 49 Resp: 24724
 Ion Ratio Lower Upper
 49 100
 129 0.3 0.0 2.2
 130 57.3 50.0 75.0





#29

Tetrahydrofuran

Concen: 52.305 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074371.D

Acq: 09 Sep 2022 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

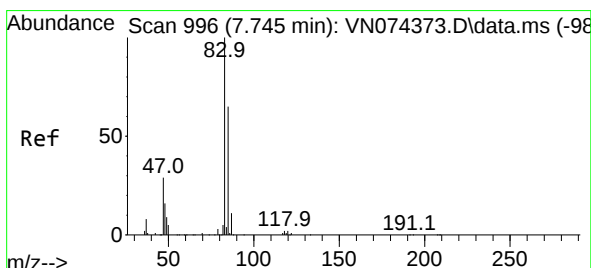
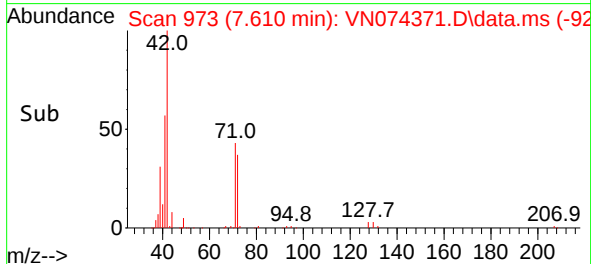
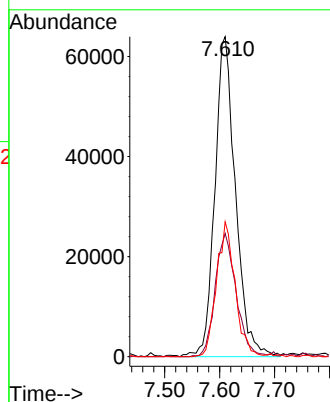
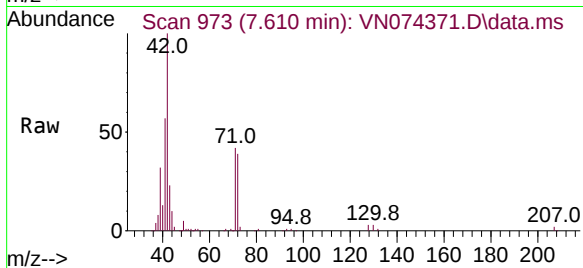
Tgt Ion: 42 Resp: 166677

Ion Ratio Lower Upper

42 100

72 39.0 32.7 49.1

71 38.1 31.0 46.6



#30

Chloroform

Concen: 10.264 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN074371.D

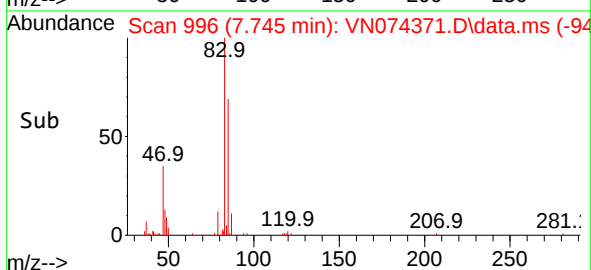
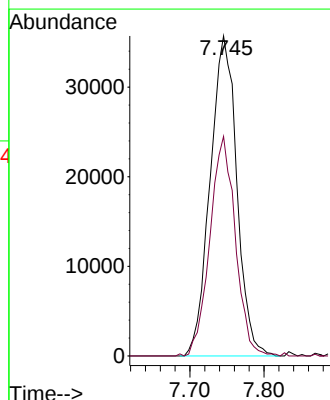
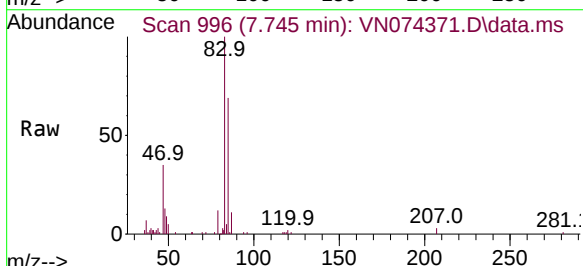
Acq: 09 Sep 2022 11:36

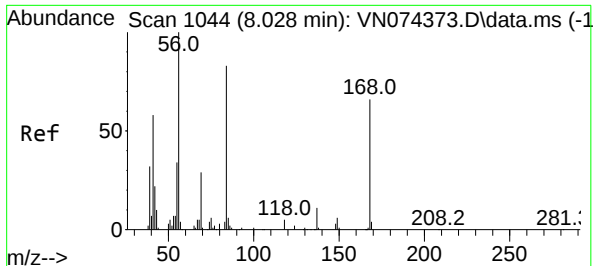
Tgt Ion: 83 Resp: 89106

Ion Ratio Lower Upper

83 100

85 68.6 51.8 77.6





#31

Cyclohexane

Concen: 11.015 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VN074371.D

Acq: 09 Sep 2022 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

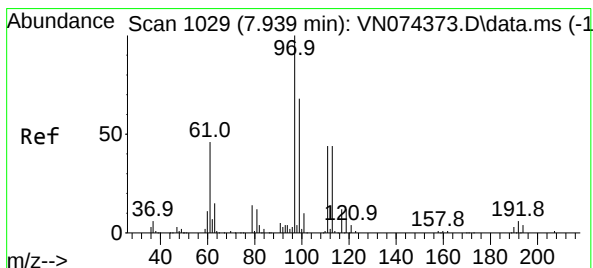
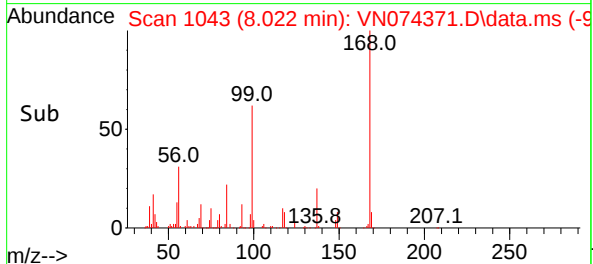
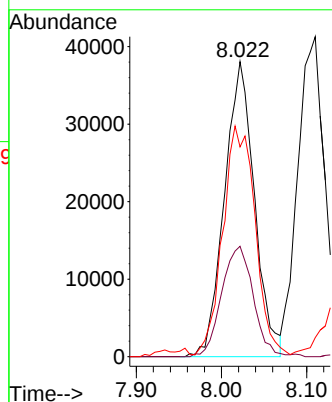
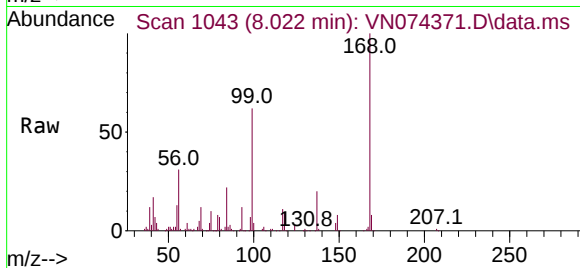
Tgt Ion: 56 Resp: 93189

Ion Ratio Lower Upper

56 100

69 37.4 23.0 34.4#

84 69.2 66.3 99.5



#32

1,1,1-Trichloroethane

Concen: 10.014 ug/l

RT: 7.939 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VN074371.D

Acq: 09 Sep 2022 11:36

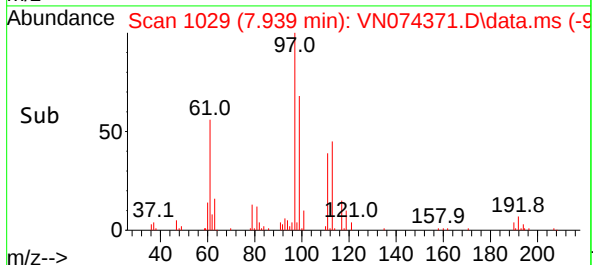
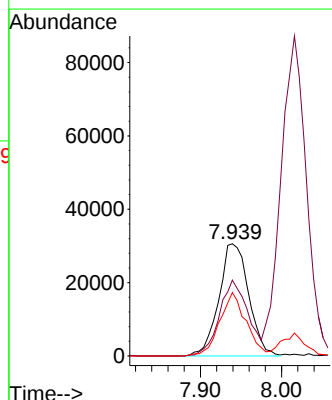
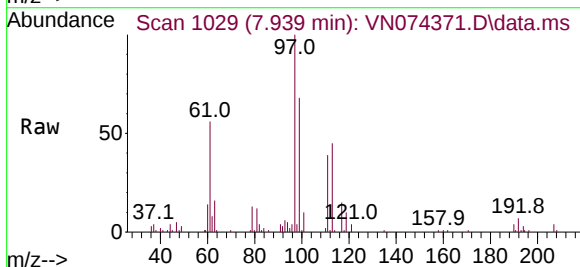
Tgt Ion: 97 Resp: 77989

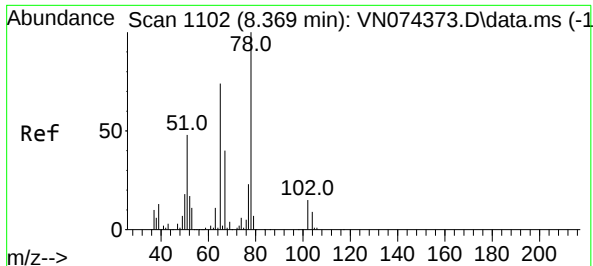
Ion Ratio Lower Upper

97 100

99 64.7 50.2 75.2

61 50.1 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 9.807 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN074371.D

Acq: 09 Sep 2022 11:36

Instrument :

MSVOA_N

ClientSampleId :

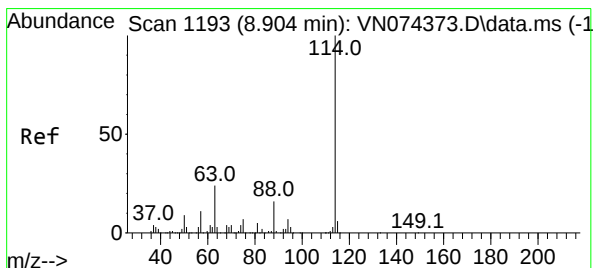
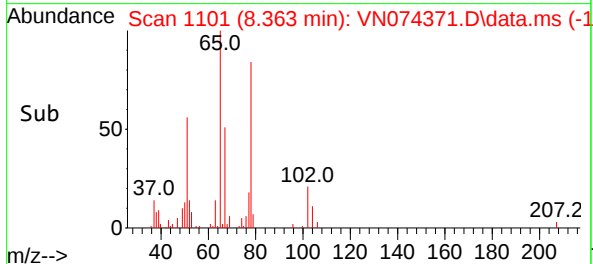
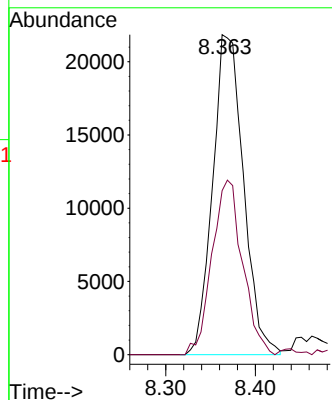
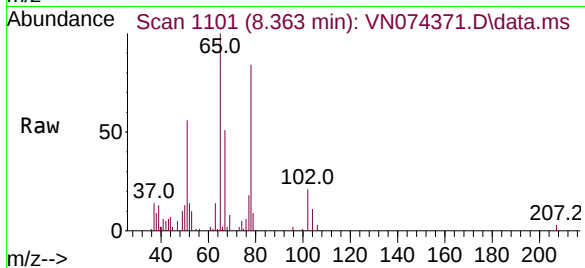
VSTDICC010

Tgt Ion: 65 Resp: 52165

Ion Ratio Lower Upper

65 100

67 53.9 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074371.D

Acq: 09 Sep 2022 11:36

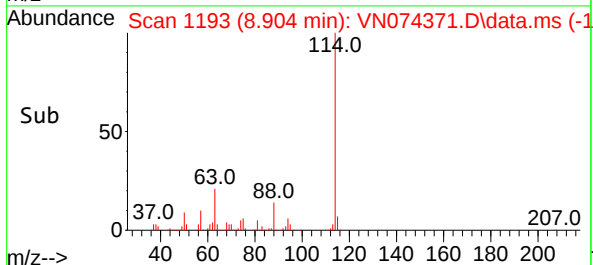
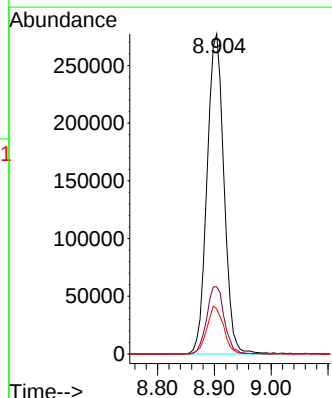
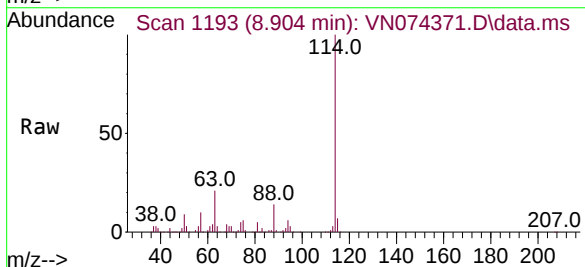
Tgt Ion: 114 Resp: 570671

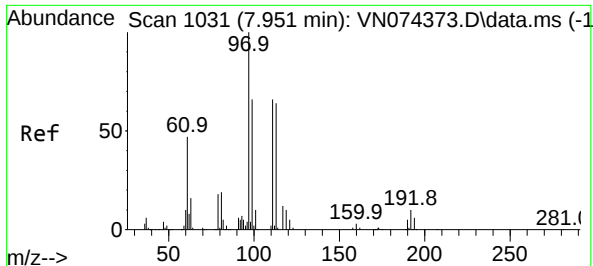
Ion Ratio Lower Upper

114 100

63 21.0 0.0 47.6

88 14.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 9.995 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074371.D

Acq: 09 Sep 2022 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

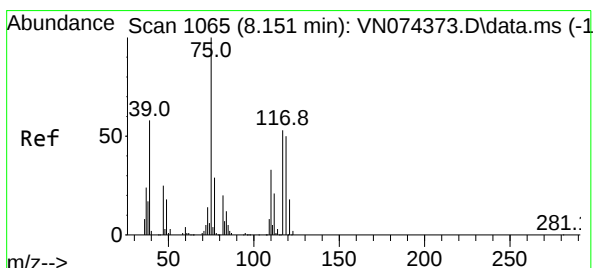
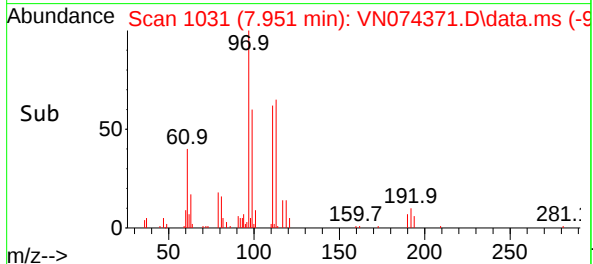
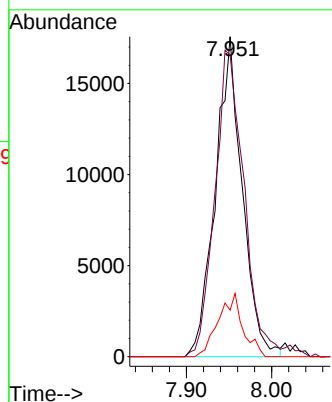
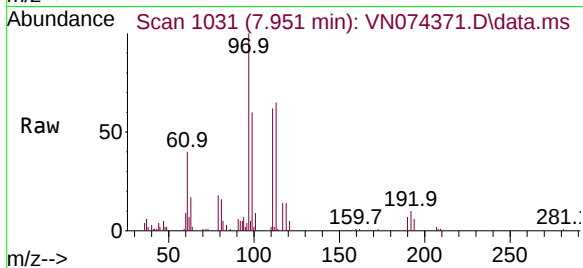
Tgt Ion:113 Resp: 38506

Ion Ratio Lower Upper

113 100

111 105.4 83.0 124.4

192 18.0 13.7 20.5



#36

1,1-Dichloropropene

Concen: 10.369 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VN074371.D

Acq: 09 Sep 2022 11:36

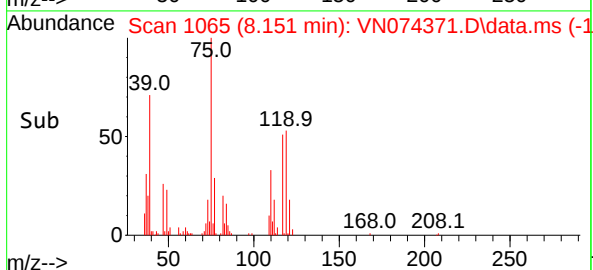
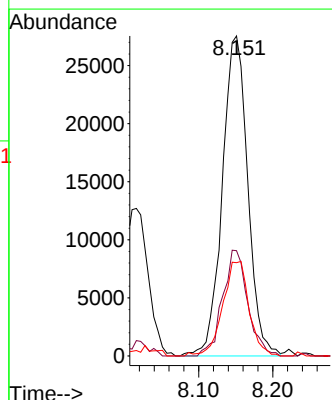
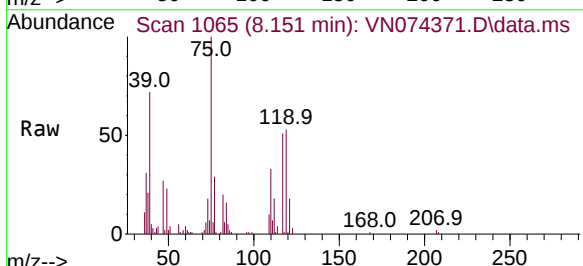
Tgt Ion: 75 Resp: 65809

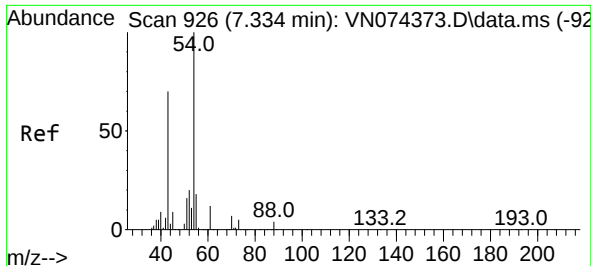
Ion Ratio Lower Upper

75 100

110 32.7 16.4 49.1

77 30.5 25.4 38.2

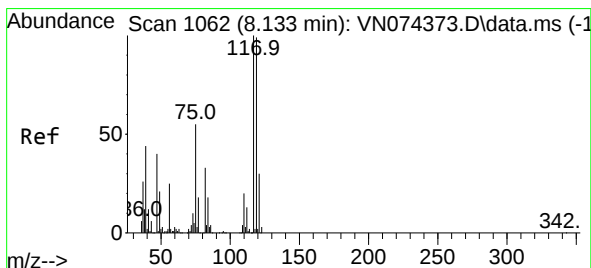
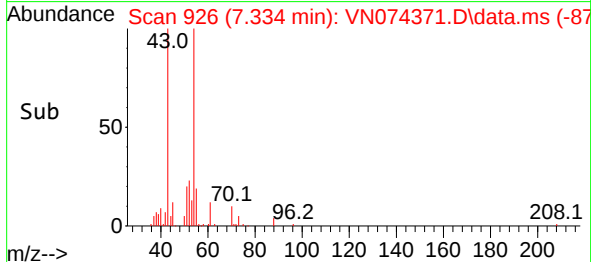
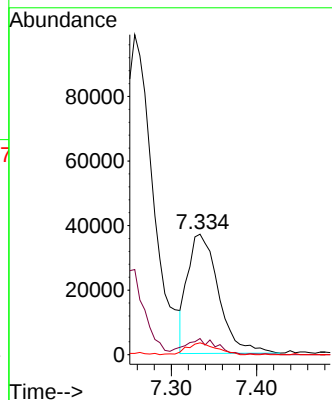
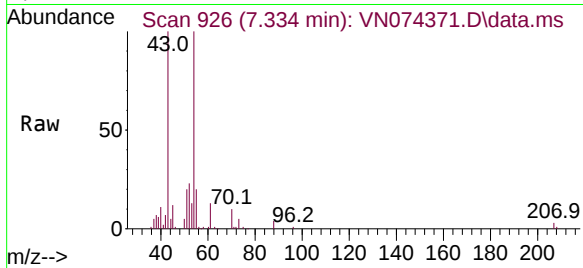




#37
Ethyl Acetate
Concen: 10.071 ug/l
RT: 7.334 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

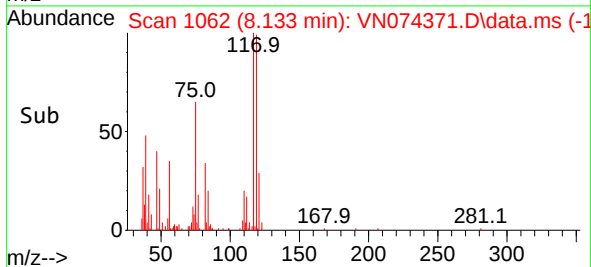
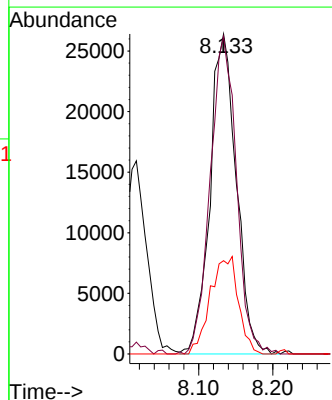
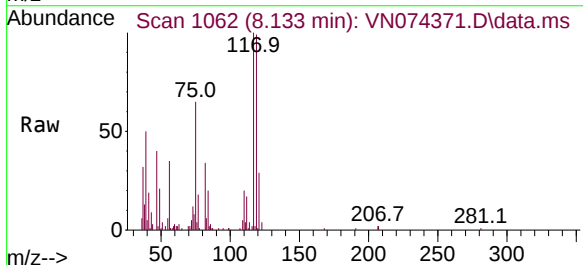
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

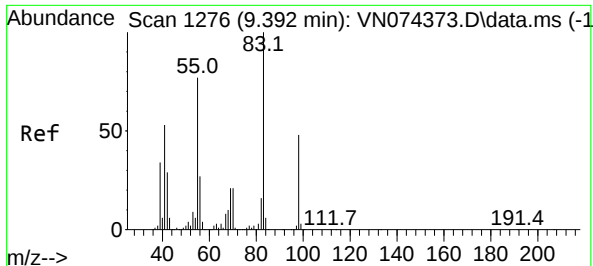
Tgt Ion: 43 Resp: 92805
Ion Ratio Lower Upper
43 100
61 12.9 11.1 16.7
70 9.4 7.2 10.8



#38
Carbon Tetrachloride
Concen: 9.939 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

Tgt Ion: 117 Resp: 65127
Ion Ratio Lower Upper
117 100
119 99.2 78.8 118.2
121 29.1 24.1 36.1





#39

Methylcyclohexane

Concen: 9.725 ug/l

RT: 9.398 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VN074371.D

Acq: 09 Sep 2022 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

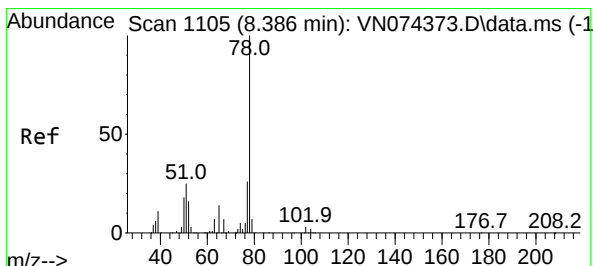
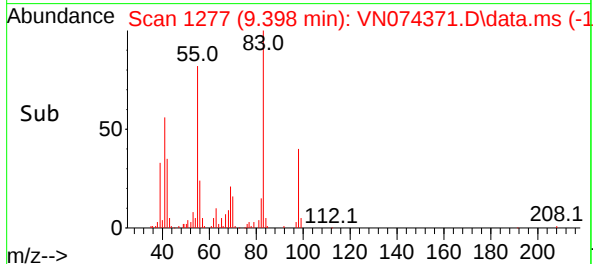
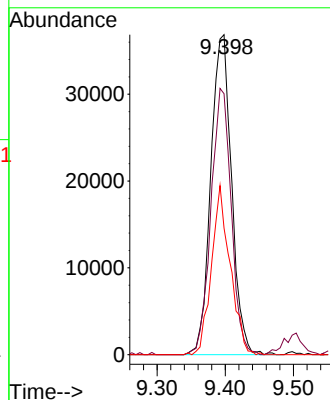
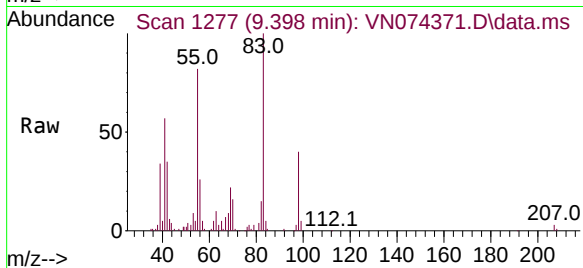
Tgt Ion: 83 Resp: 78228

Ion Ratio Lower Upper

83 100

55 81.6 61.2 91.8

98 39.6 38.5 57.7



#40

Benzene

Concen: 10.290 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VN074371.D

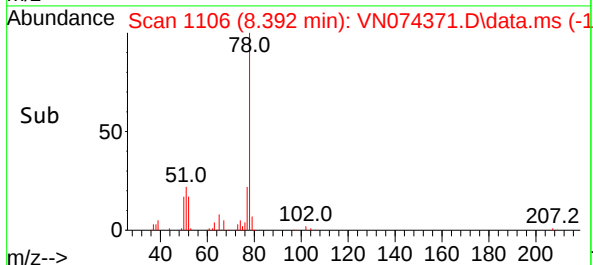
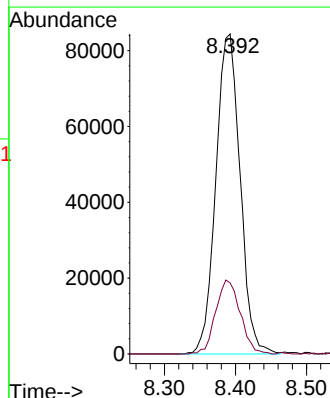
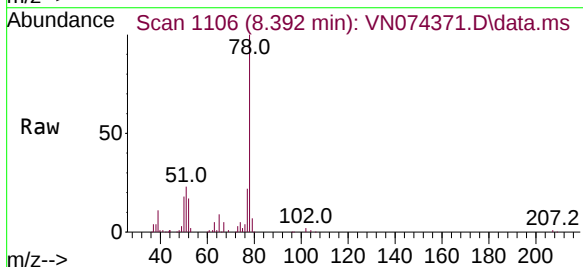
Acq: 09 Sep 2022 11:36

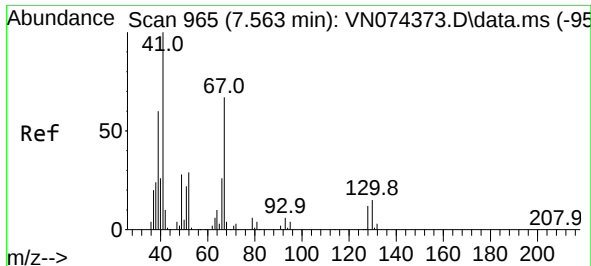
Tgt Ion: 78 Resp: 199969

Ion Ratio Lower Upper

78 100

77 22.3 20.6 31.0

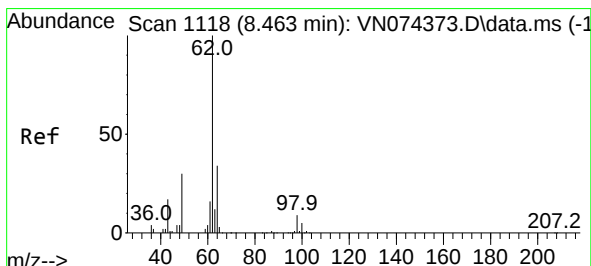
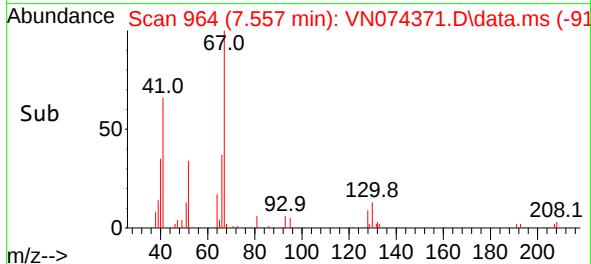
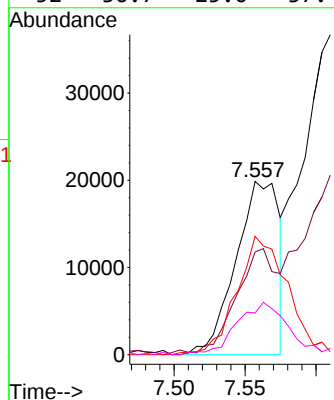
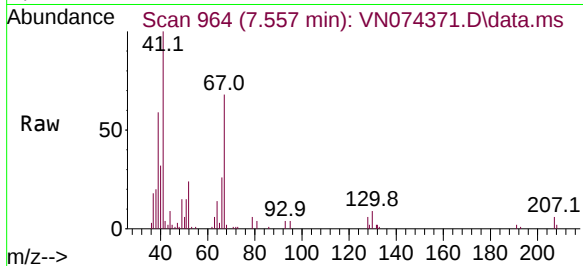




#41
Methacrylonitrile
Concen: 9.243 ug/l
RT: 7.557 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

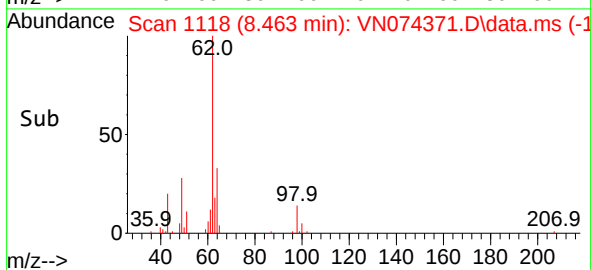
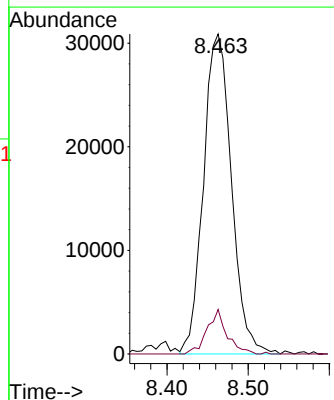
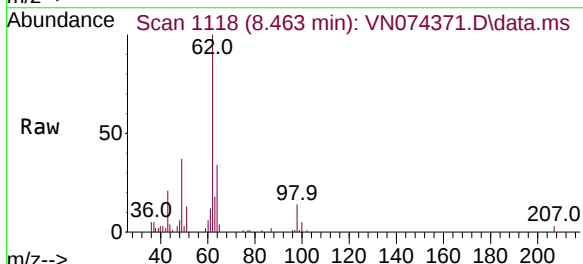
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

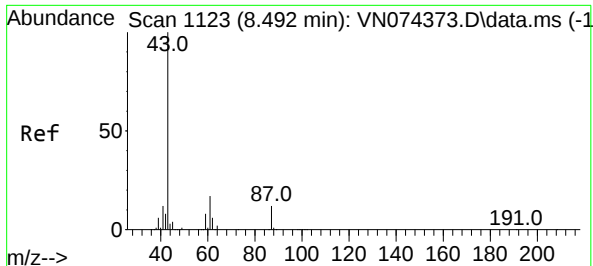
Tgt Ion:	41	Resp:	42226
Ion	Ratio	Lower	Upper
41	100		
39	59.1	39.2	58.8#
67	80.7	53.6	80.4#
52	36.7	25.0	37.4



#42
1,2-Dichloroethane
Concen: 9.971 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

Tgt Ion:	62	Resp:	74073
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	17.6





#43

Isopropyl Acetate

Concen: 10.432 ug/l

RT: 8.492 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN074371.D

Acq: 09 Sep 2022 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

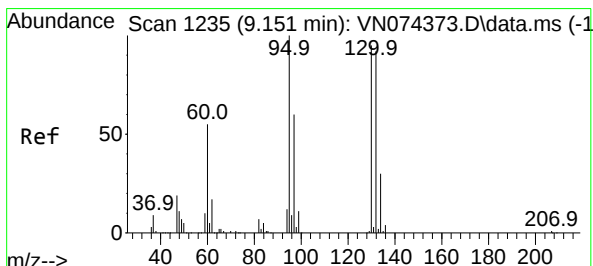
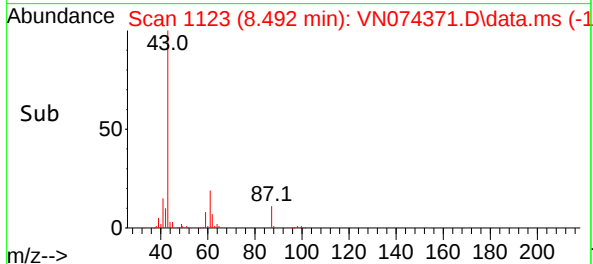
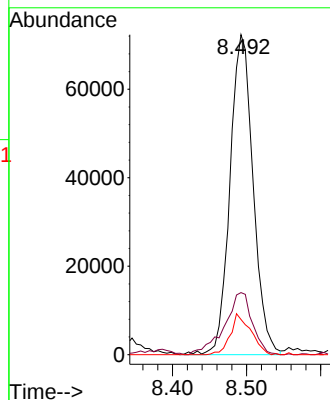
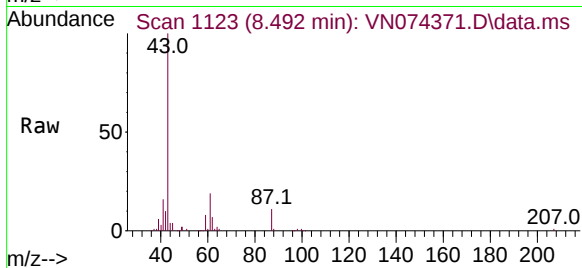
Tgt Ion: 43 Resp: 157081

Ion Ratio Lower Upper

43 100

61 23.2 18.6 27.8

87 11.3 9.4 14.2



#44

Trichloroethene

Concen: 10.188 ug/l

RT: 9.145 min Scan# 1234

Delta R.T. -0.006 min

Lab File: VN074371.D

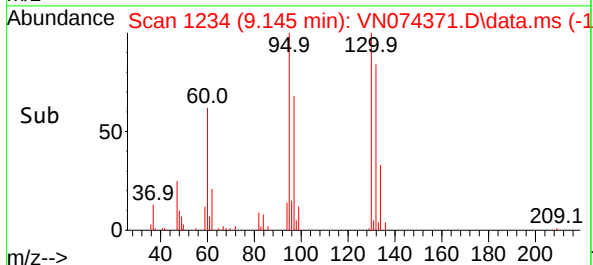
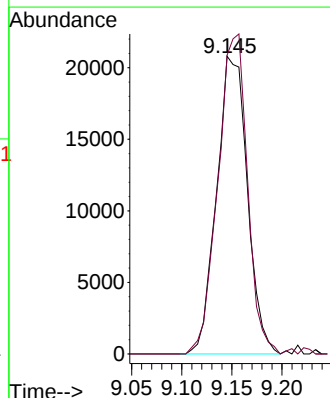
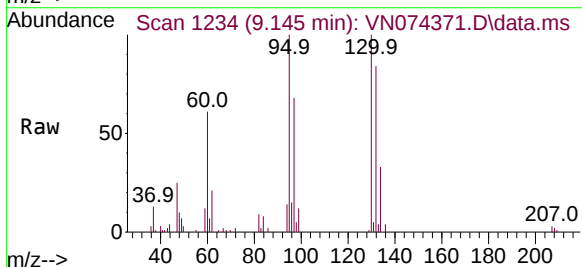
Acq: 09 Sep 2022 11:36

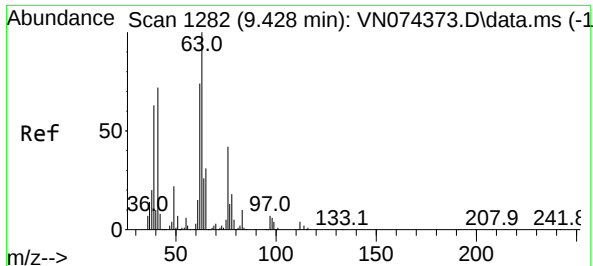
Tgt Ion:130 Resp: 44386

Ion Ratio Lower Upper

130 100

95 100.3 0.0 210.0





#45

1,2-Dichloropropane

Concen: 10.239 ug/l

RT: 9.422 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VN074371.D

Acq: 09 Sep 2022 11:36

Instrument :

MSVOA_N

ClientSampleId :

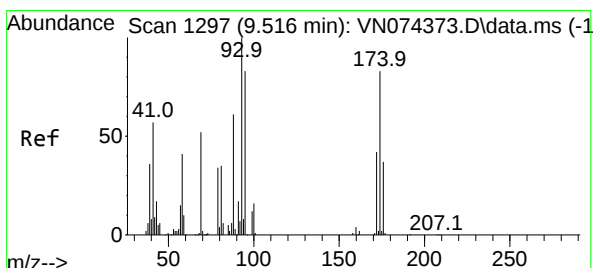
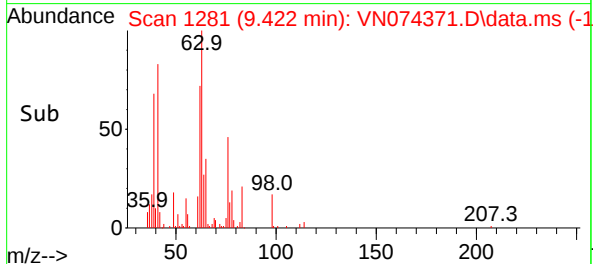
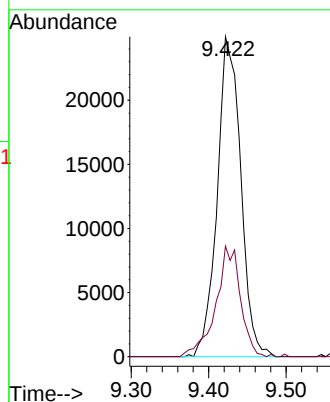
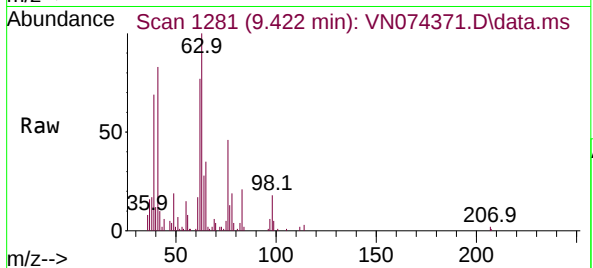
VSTDIC010

Tgt Ion: 63 Resp: 52819

Ion Ratio Lower Upper

63 100

65 34.6 24.6 36.8



#46

Dibromomethane

Concen: 10.066 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN074371.D

Acq: 09 Sep 2022 11:36

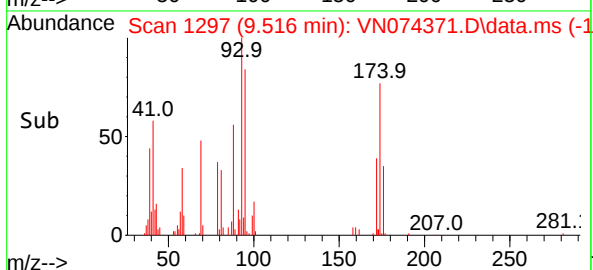
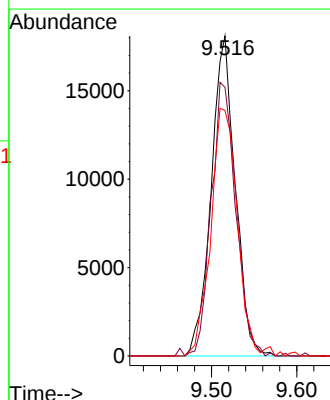
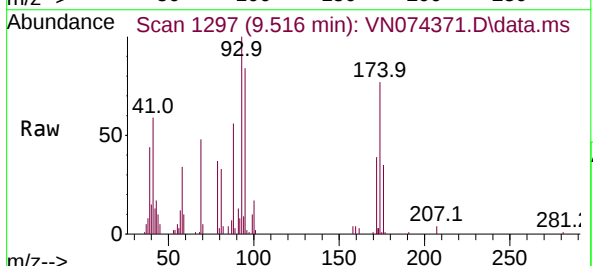
Tgt Ion: 93 Resp: 35554

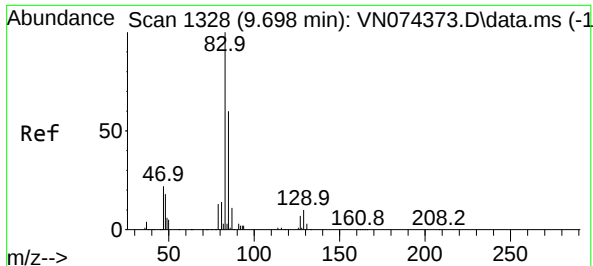
Ion Ratio Lower Upper

93 100

95 87.5 67.5 101.3

174 84.4 67.2 100.8





#47

Bromodichloromethane

Concen: 9.944 ug/l

RT: 9.698 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VN074371.D

Acq: 09 Sep 2022 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

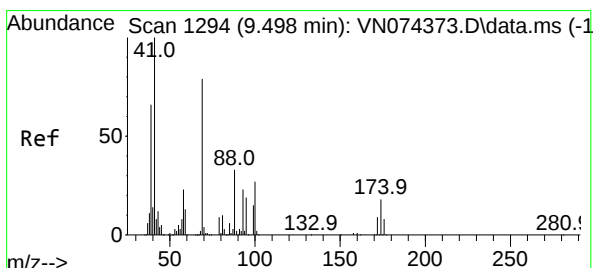
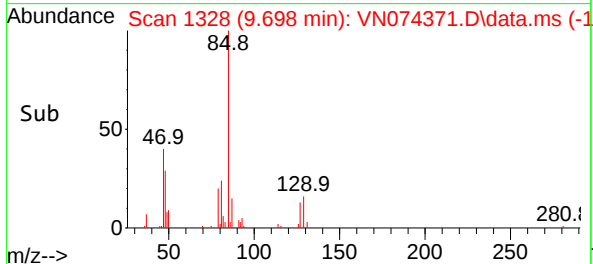
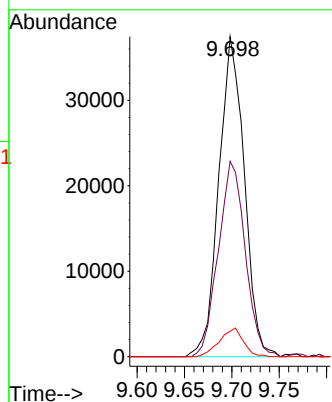
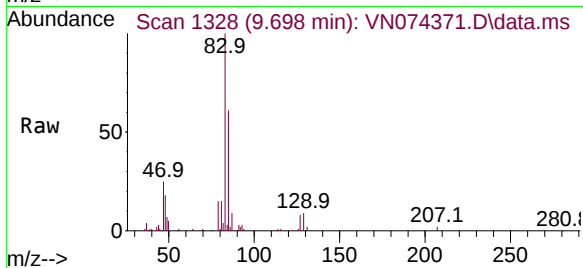
Tgt Ion: 83 Resp: 70007

Ion Ratio Lower Upper

83 100

85 61.1 47.7 71.5

127 7.9 5.4 8.2



#48

Methyl methacrylate

Concen: 9.734 ug/l

RT: 9.498 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VN074371.D

Acq: 09 Sep 2022 11:36

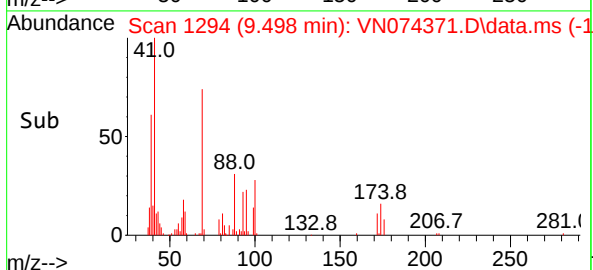
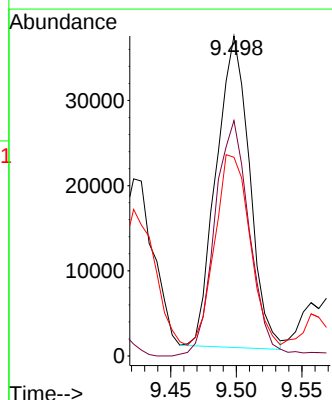
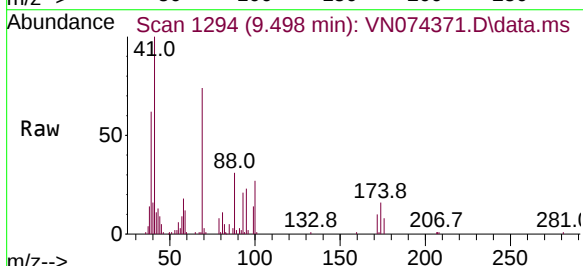
Tgt Ion: 41 Resp: 64592

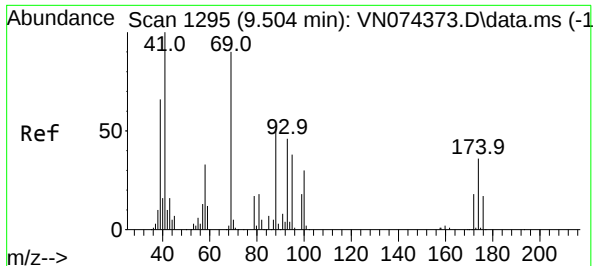
Ion Ratio Lower Upper

41 100

69 80.0 67.6 101.4

39 71.9 58.2 87.4

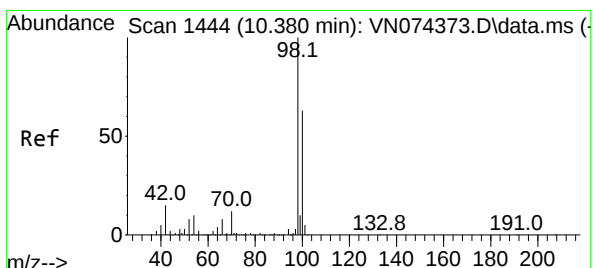
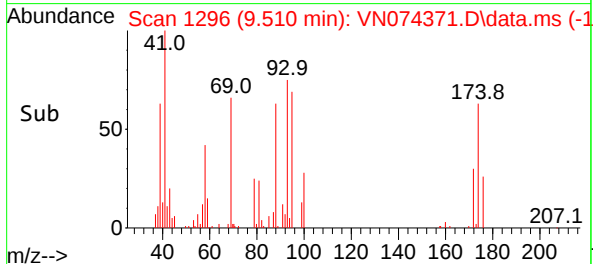
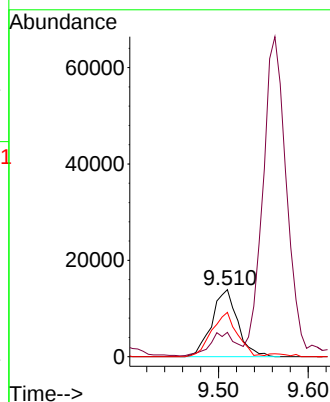
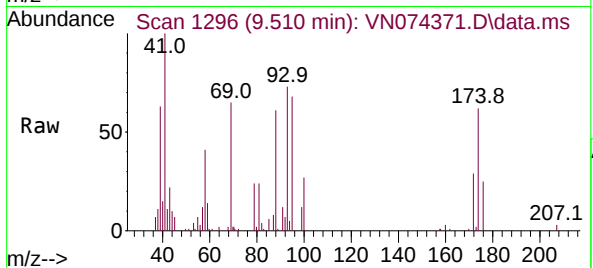




#49
1,4-Dioxane
Concen: 198.593 ug/l
RT: 9.510 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

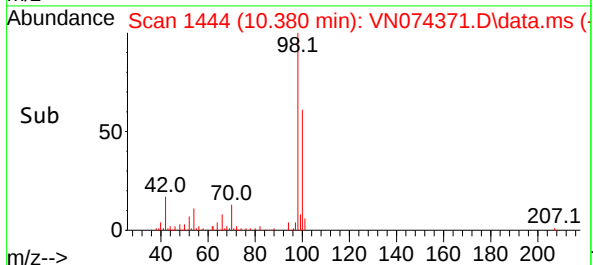
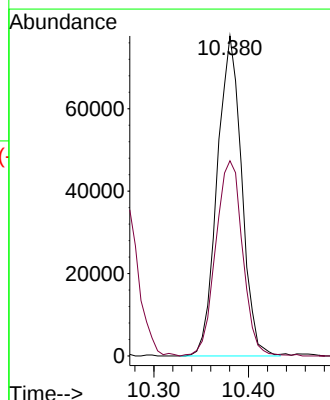
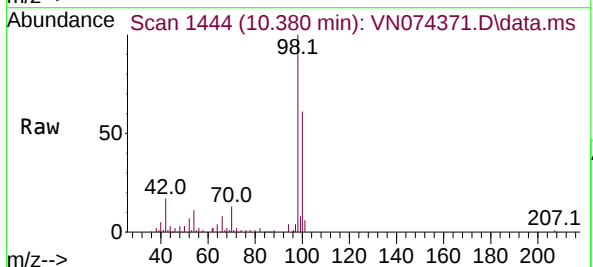
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

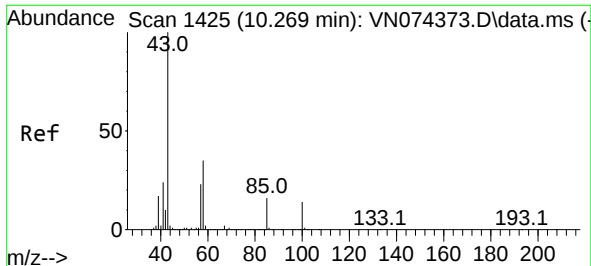
Tgt Ion: 88 Resp: 27771
Ion Ratio Lower Upper
88 100
43 34.5 26.9 40.3
58 65.9 52.7 79.1



#50
Toluene-d8
Concen: 9.299 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

Tgt Ion: 98 Resp: 139597
Ion Ratio Lower Upper
98 100
100 67.0 50.6 76.0

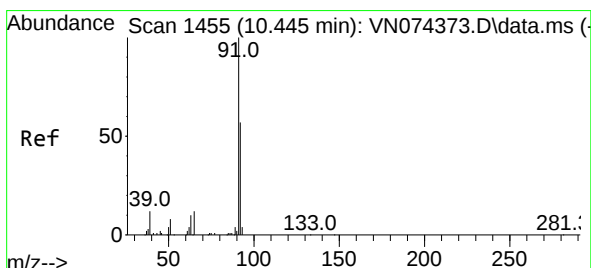
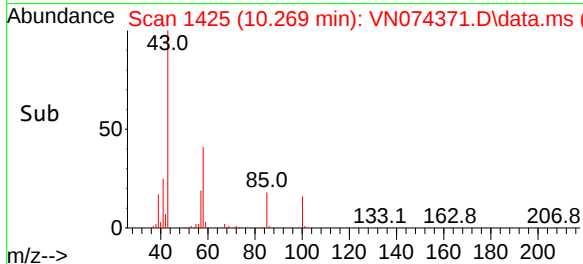
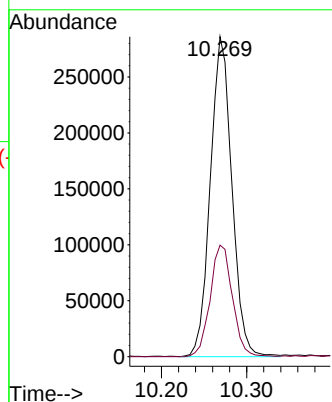
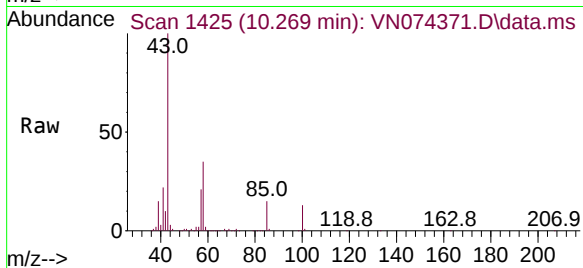




#51
4-Methyl-2-Pentanone
Concen: 51.087 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

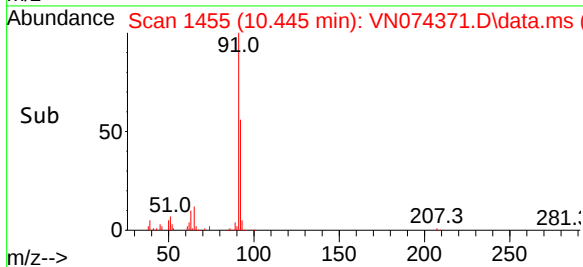
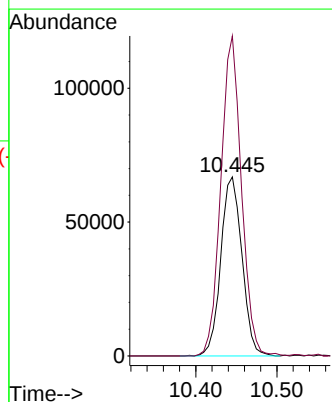
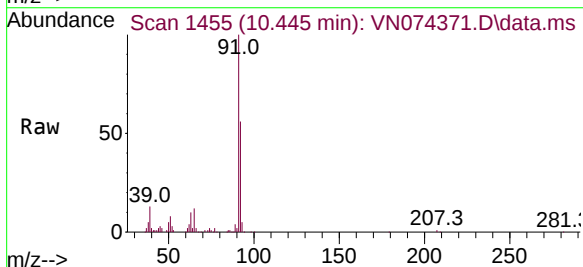
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

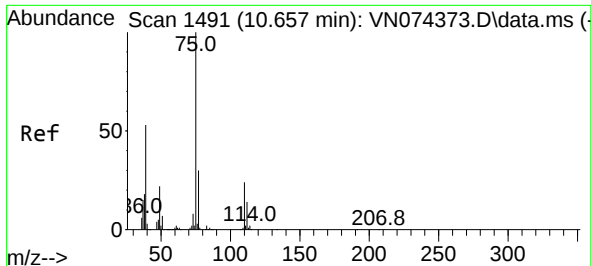
Tgt Ion: 43 Resp: 503045
Ion Ratio Lower Upper
43 100
58 35.9 29.0 43.6



#52
Toluene
Concen: 10.094 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

Tgt Ion: 92 Resp: 121310
Ion Ratio Lower Upper
92 100
91 173.8 139.8 209.6

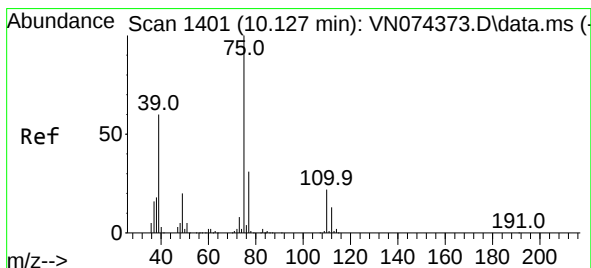
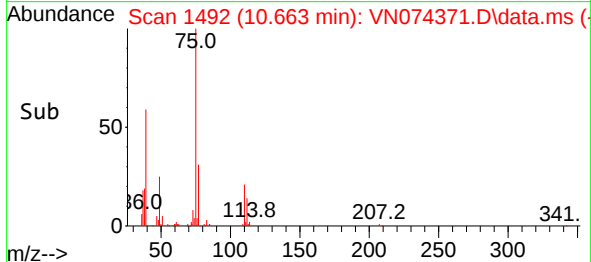
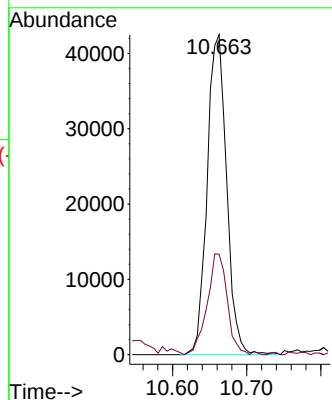
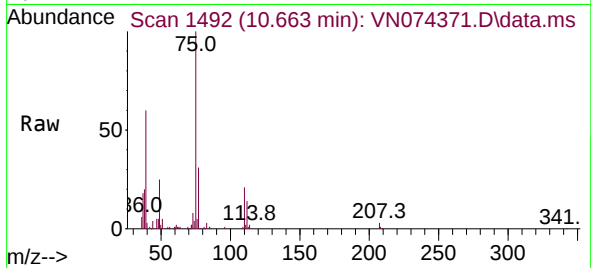




#53
t-1,3-Dichloropropene
Concen: 9.972 ug/l
RT: 10.663 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

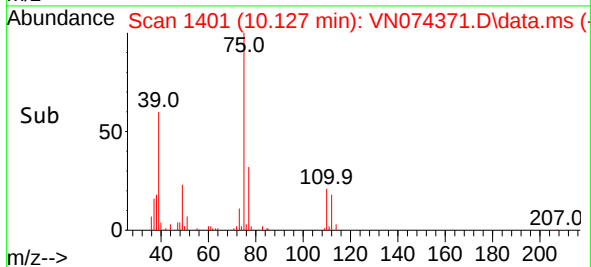
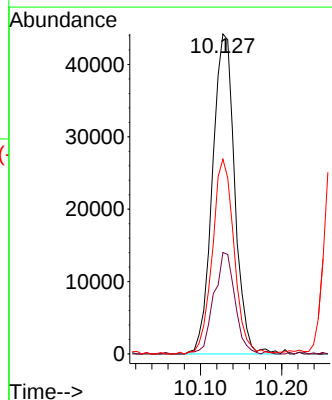
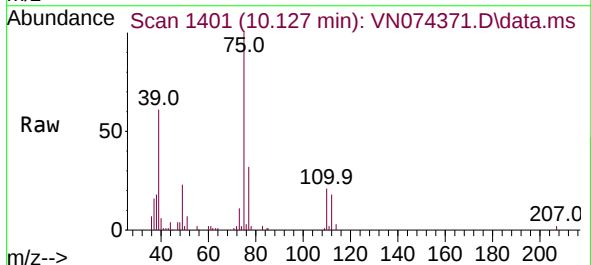
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

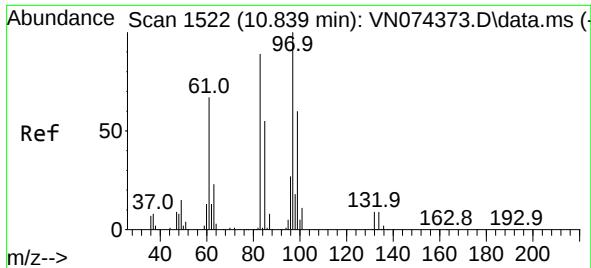
Tgt Ion: 75 Resp: 77450
Ion Ratio Lower Upper
75 100
77 31.4 23.9 35.9



#54
cis-1,3-Dichloropropene
Concen: 10.185 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

Tgt Ion: 75 Resp: 84328
Ion Ratio Lower Upper
75 100
77 31.7 24.5 36.7
39 60.3 48.0 72.0

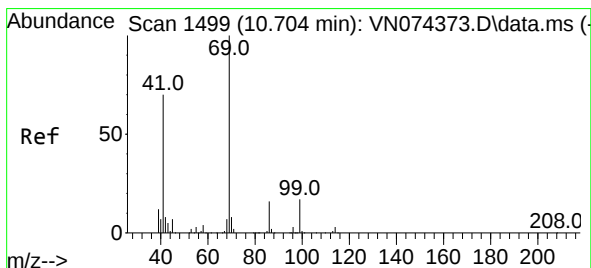
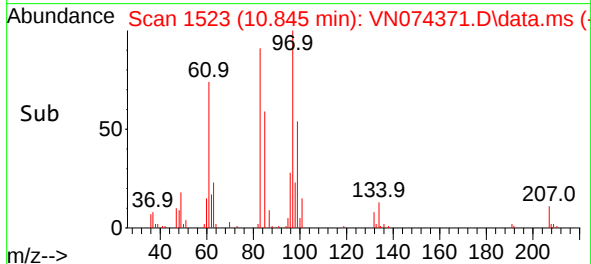
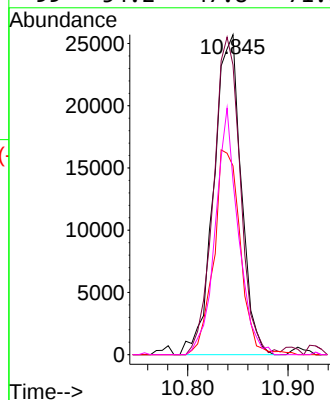
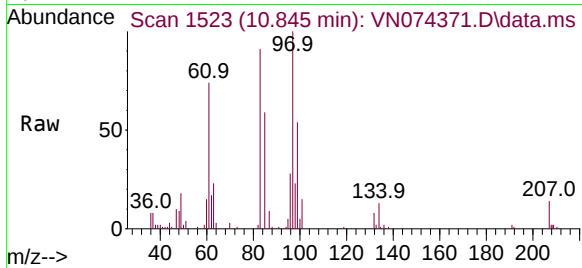




#55
1,1,2-Trichloroethane
Concen: 9.824 ug/l
RT: 10.845 min Scan# 1522
Delta R.T. 0.006 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

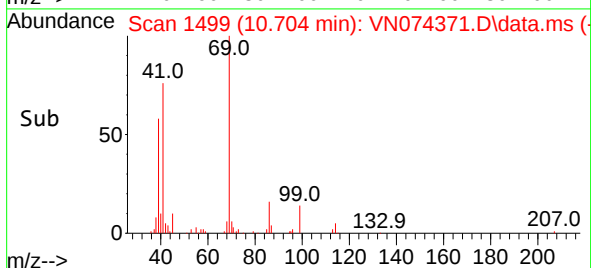
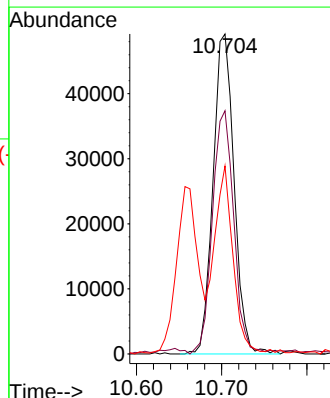
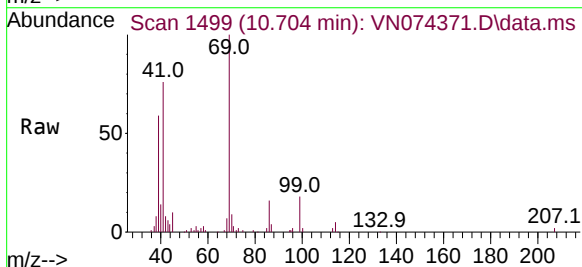
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

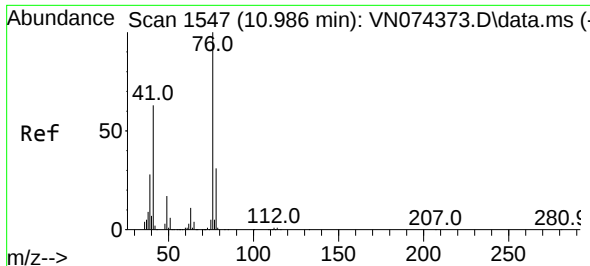
Tgt Ion:	97	Resp:	48663
Ion	Ratio	Lower	Upper
97	100		
83	90.5	70.8	106.2
85	59.0	44.1	66.1
99	54.2	47.8	71.6



#56
Ethyl methacrylate
Concen: 10.016 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

Tgt Ion:	69	Resp:	84309
Ion	Ratio	Lower	Upper
69	100		
41	77.2	56.6	85.0
39	50.7	37.4	56.2





#57

1,3-Dichloropropane

Concen: 10.175 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN074371.D

Acq: 09 Sep 2022 11:36

Instrument :

MSVOA_N

ClientSampleId :

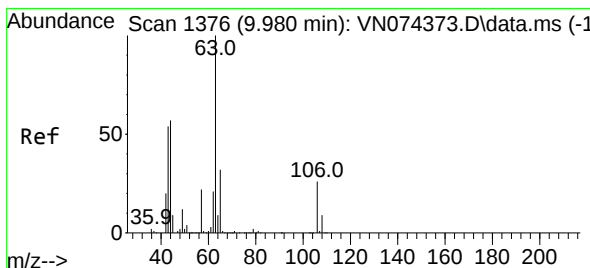
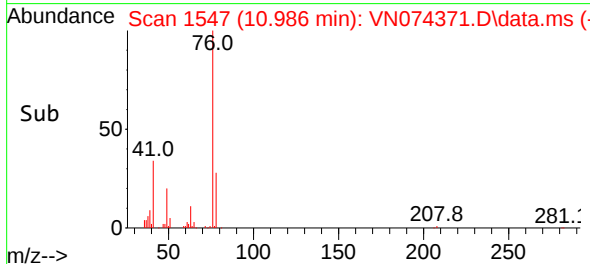
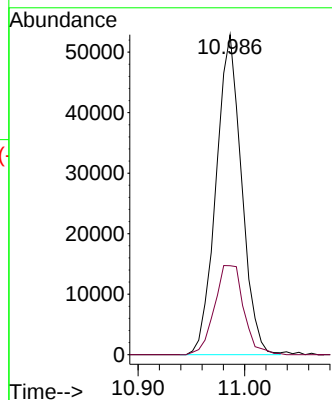
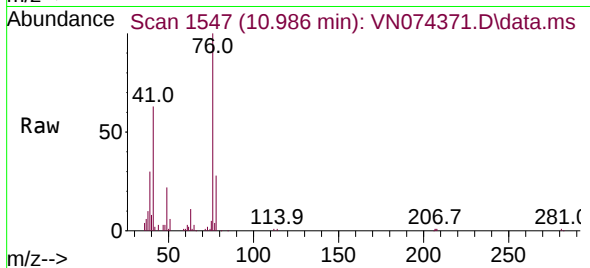
VSTDIC010

Tgt Ion: 76 Resp: 88101

Ion Ratio Lower Upper

76 100

78 31.8 25.0 37.4



#58

2-Chloroethyl Vinyl ether

Concen: 50.339 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN074371.D

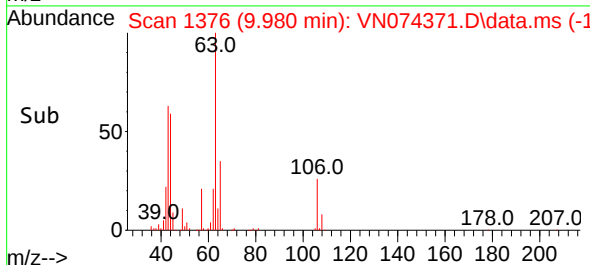
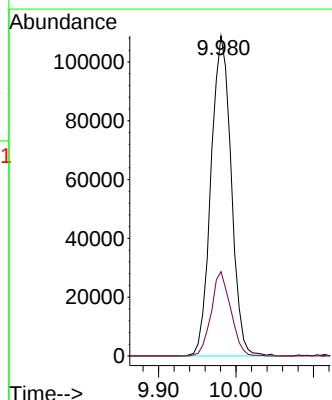
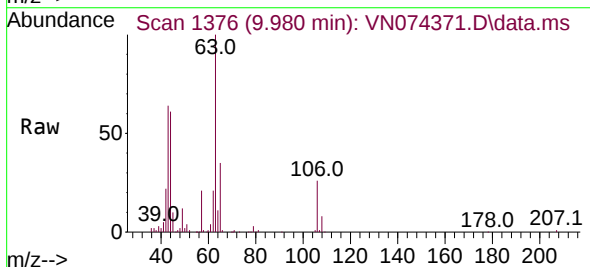
Acq: 09 Sep 2022 11:36

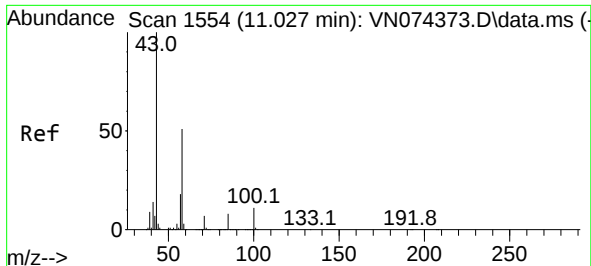
Tgt Ion: 63 Resp: 197100

Ion Ratio Lower Upper

63 100

106 25.4 21.1 31.7

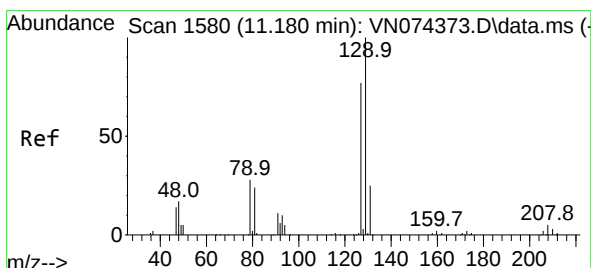
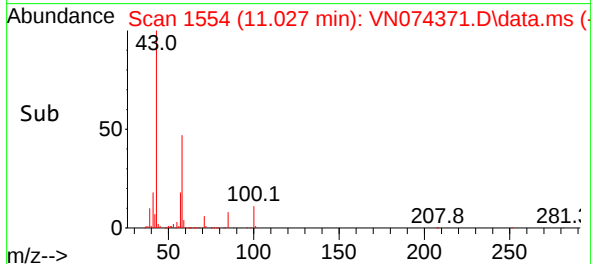
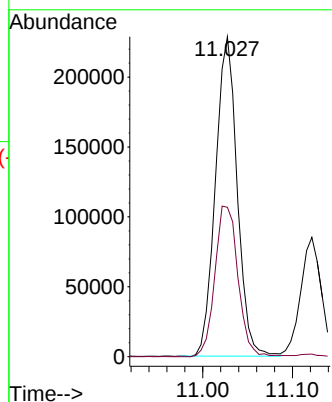
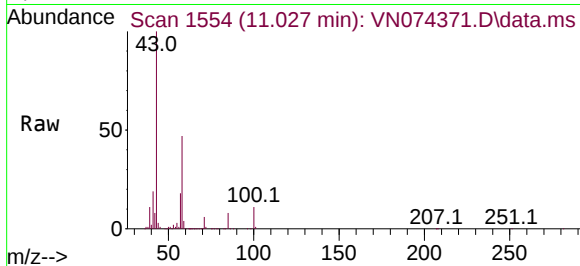




#59
2-Hexanone
Concen: 50.556 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

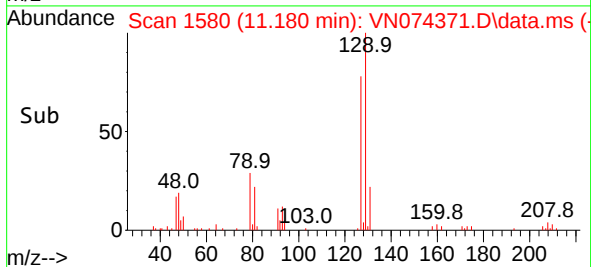
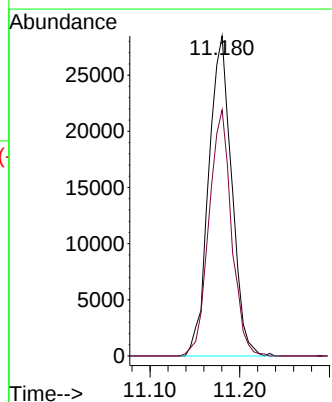
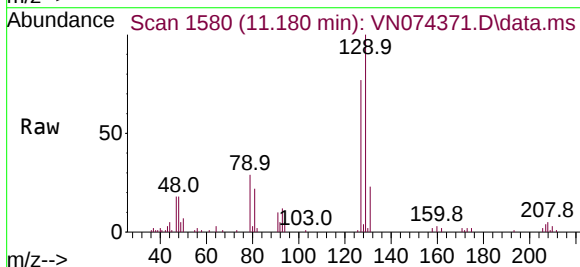
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

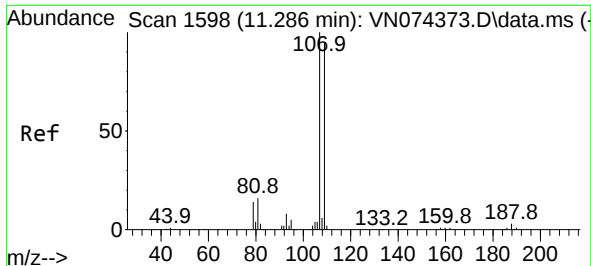
Tgt Ion: 43 Resp: 384157
Ion Ratio Lower Upper
43 100
58 50.0 25.8 77.3



#60
Dibromochloromethane
Concen: 10.117 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

Tgt Ion: 129 Resp: 50739
Ion Ratio Lower Upper
129 100
127 75.4 38.8 116.3

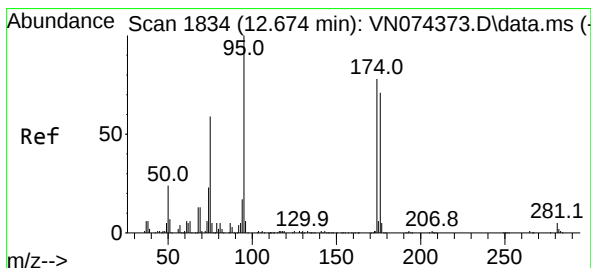
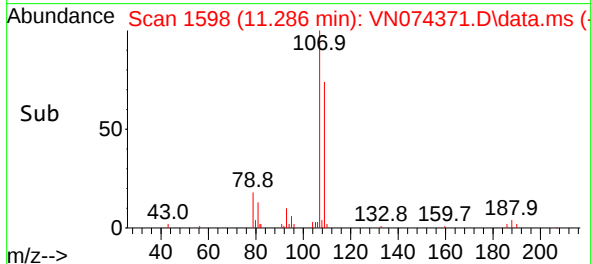
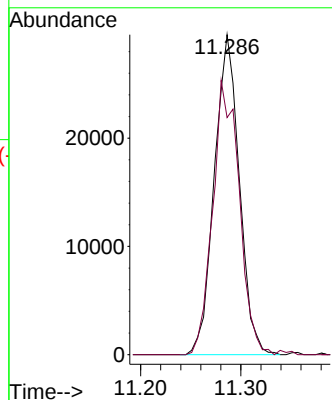
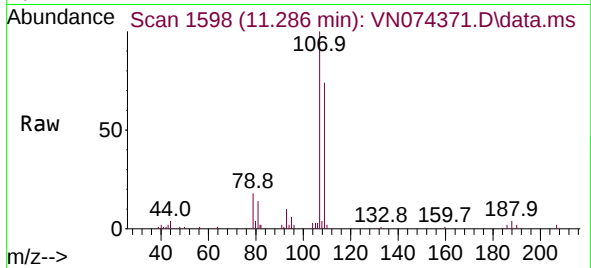




#61
1,2-Dibromoethane
Concen: 10.025 ug/l
RT: 11.286 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

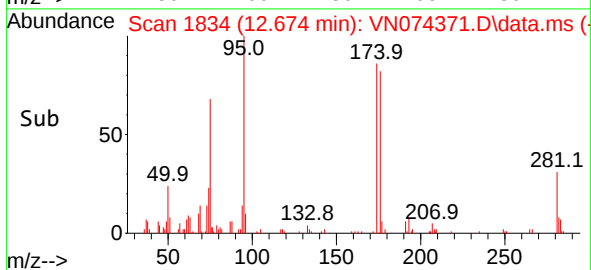
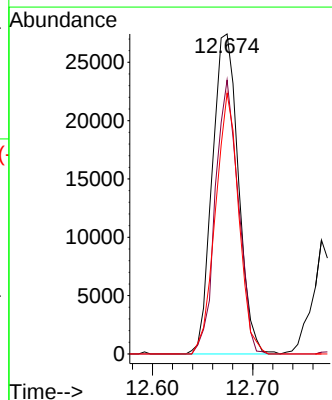
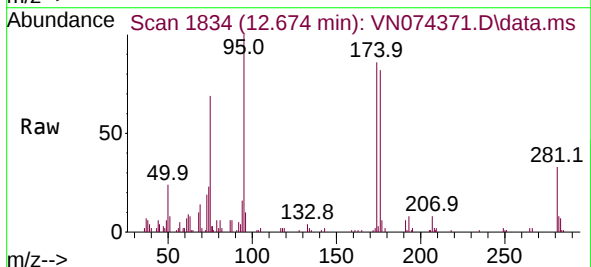
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

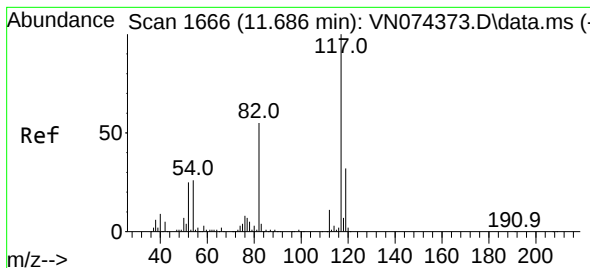
Tgt Ion:107 Resp: 51093
Ion Ratio Lower Upper
107 100
109 90.9 75.0 112.4



#62
4-Bromofluorobenzene
Concen: 9.110 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

Tgt Ion: 95 Resp: 49651
Ion Ratio Lower Upper
95 100
174 75.3 0.0 150.6
176 72.6 0.0 143.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074371.D

Acq: 09 Sep 2022 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

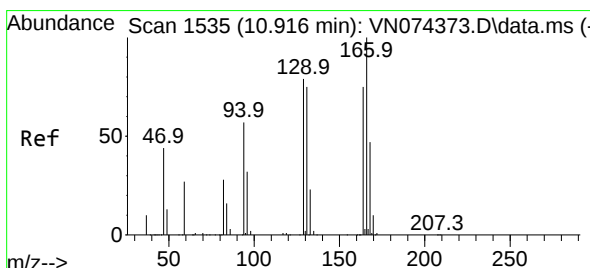
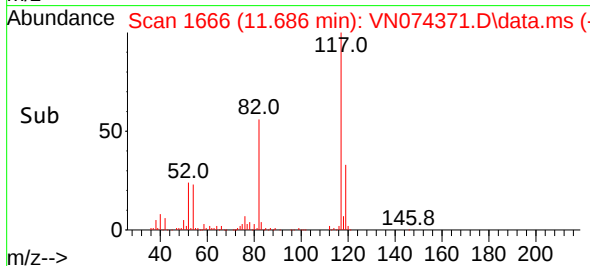
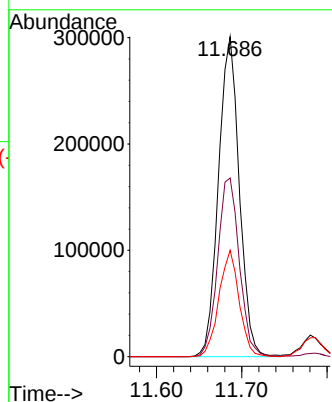
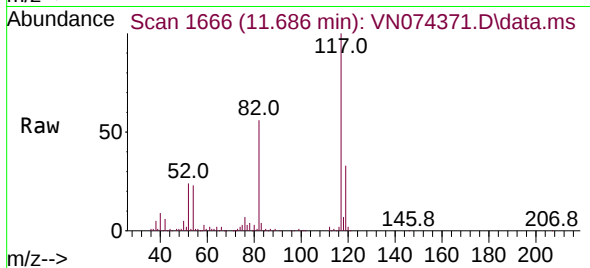
Tgt Ion:117 Resp: 511135

Ion Ratio Lower Upper

117 100

82 55.8 44.3 66.5

119 33.3 25.5 38.3



#64

Tetrachloroethene

Concen: 9.526 ug/l

RT: 10.916 min Scan# 1535

Delta R.T. 0.000 min

Lab File: VN074371.D

Acq: 09 Sep 2022 11:36

Tgt Ion:164 Resp: 33009

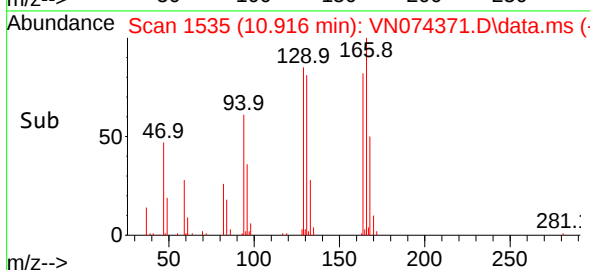
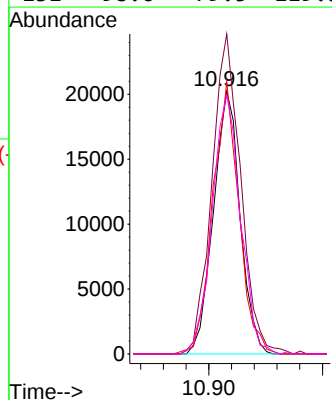
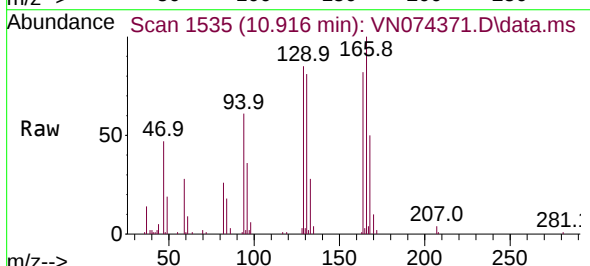
Ion Ratio Lower Upper

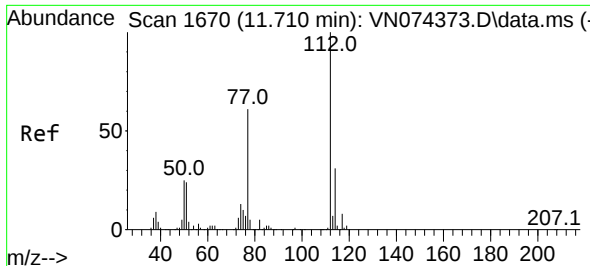
164 100

166 121.8 106.6 160.0

129 103.6 84.0 126.0

131 98.6 79.5 119.3

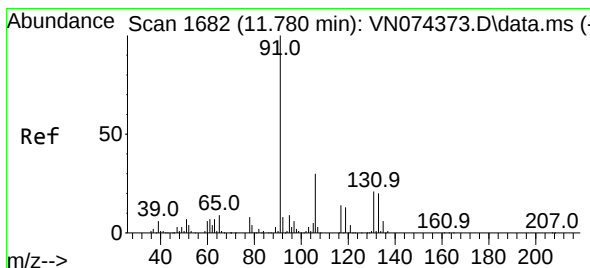
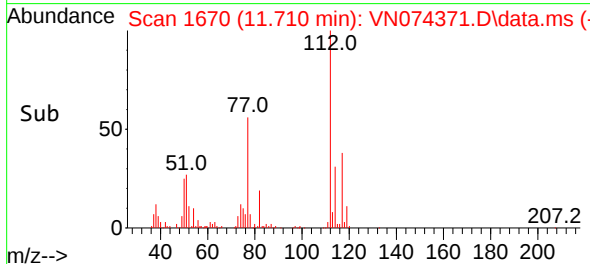
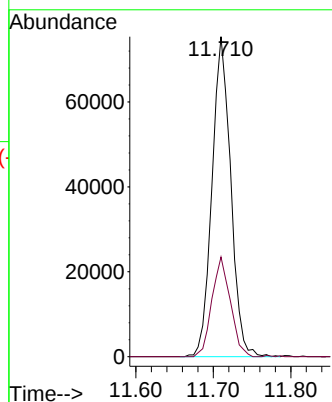
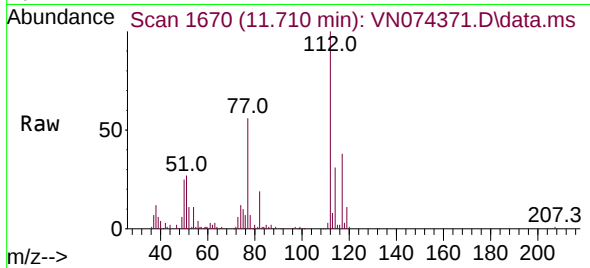




#65
Chlorobenzene
Concen: 10.266 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

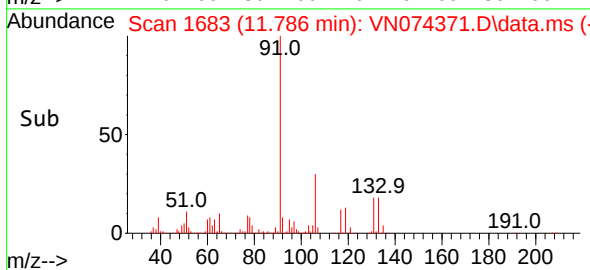
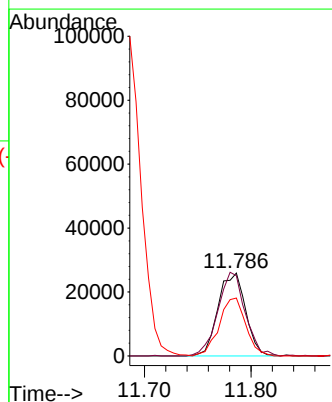
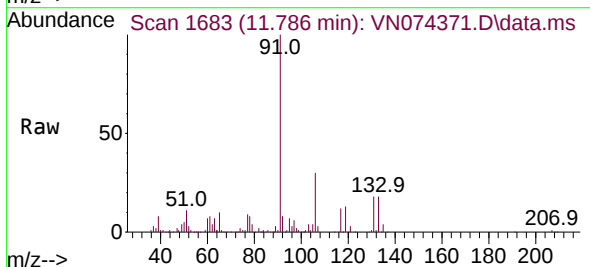
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

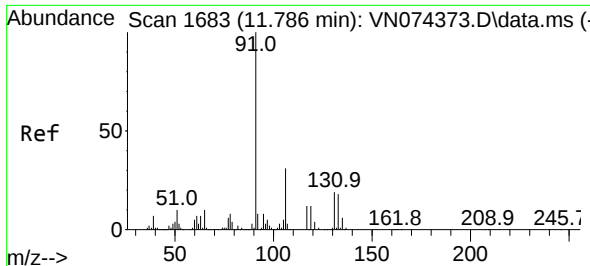
Tgt Ion:112 Resp: 126522
Ion Ratio Lower Upper
112 100
114 31.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 9.626 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

Tgt Ion:131 Resp: 46344
Ion Ratio Lower Upper
131 100
133 100.5 47.3 141.8
119 67.7 33.0 98.9

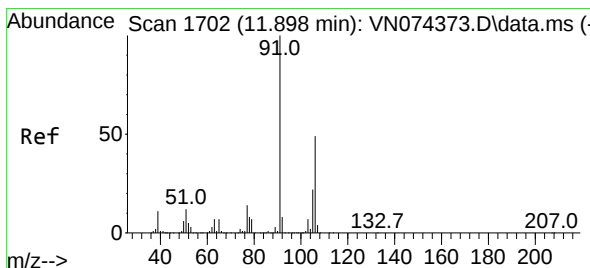
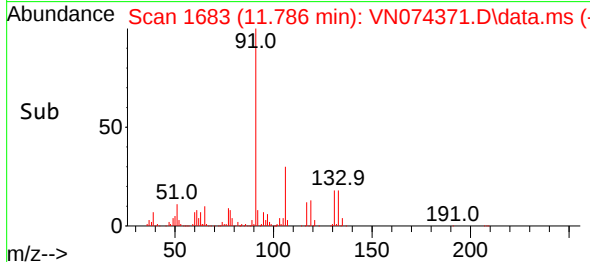
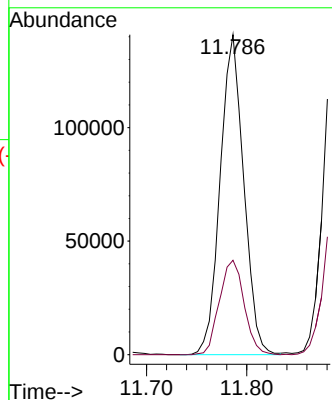
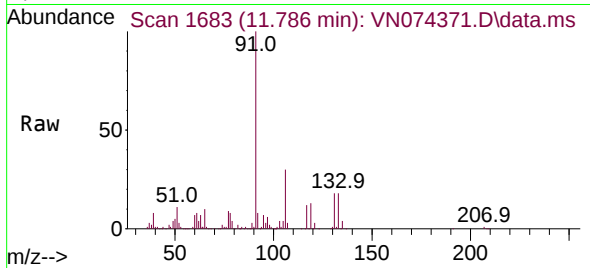




#67
Ethyl Benzene
Concen: 9.842 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

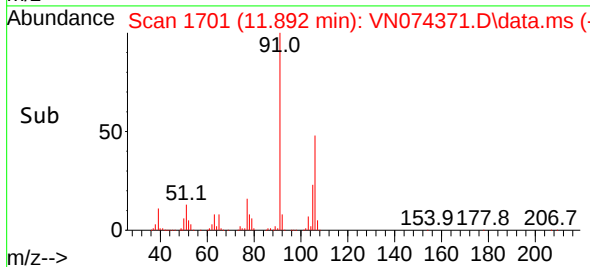
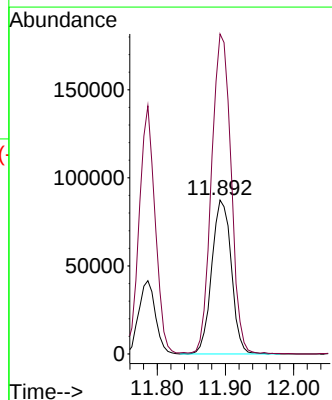
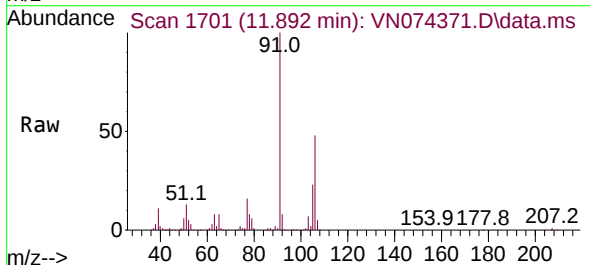
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

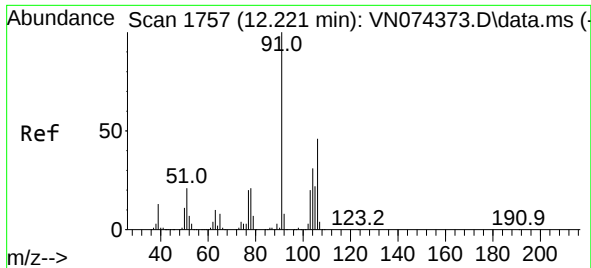
Tgt Ion: 91 Resp: 229113
Ion Ratio Lower Upper
91 100
106 29.5 24.5 36.7



#68
m/p-Xylenes
Concen: 19.941 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

Tgt Ion:106 Resp: 174512
Ion Ratio Lower Upper
106 100
91 208.5 167.7 251.5

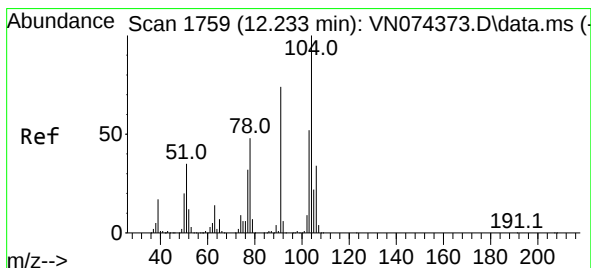
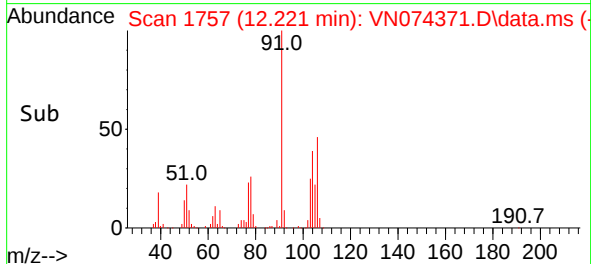
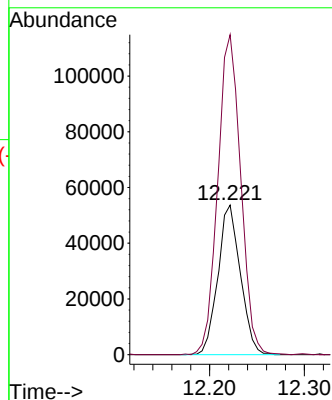
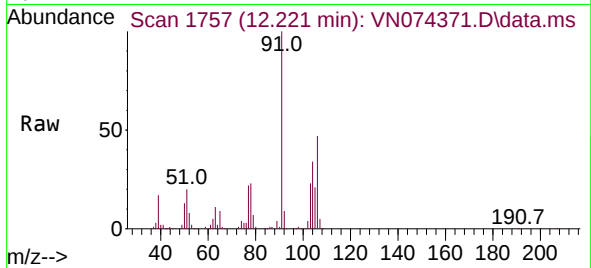




#69
o-Xylene
Concen: 10.068 ug/l
RT: 12.221 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

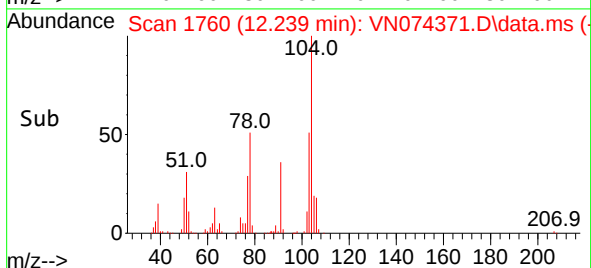
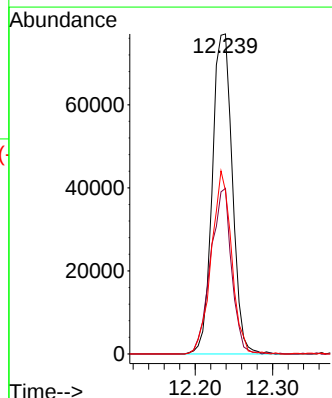
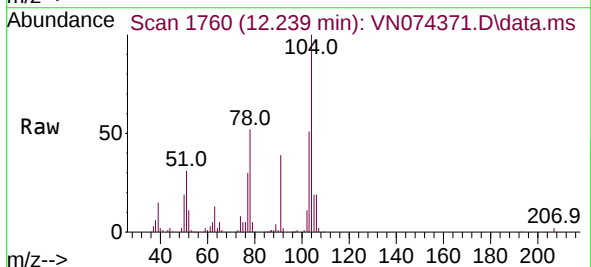
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

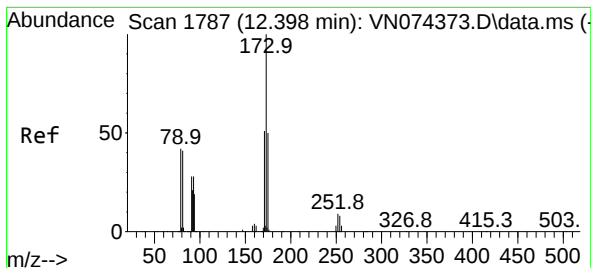
Tgt Ion:106 Resp: 88567
Ion Ratio Lower Upper
106 100
91 218.5 109.4 328.2



#70
Styrene
Concen: 9.937 ug/l
RT: 12.239 min Scan# 1760
Delta R.T. 0.006 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

Tgt Ion:104 Resp: 138969
Ion Ratio Lower Upper
104 100
78 54.1 41.8 62.6
103 57.6 43.4 65.2





#71

Bromoform

Concen: 9.736 ug/l

RT: 12.404 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN074371.D

Acq: 09 Sep 2022 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

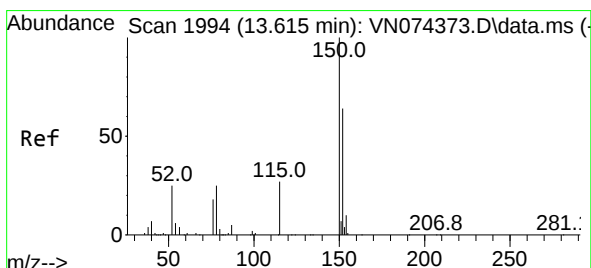
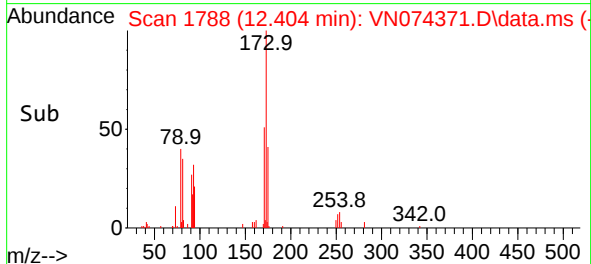
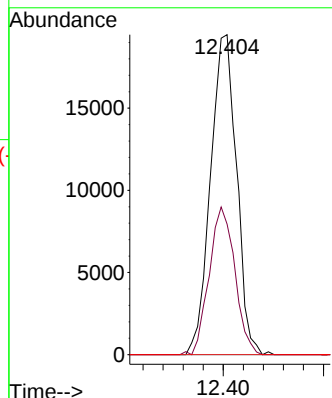
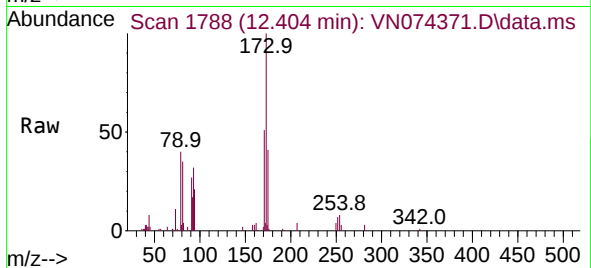
Tgt Ion:173 Resp: 35108

Ion Ratio Lower Upper

173 100

175 45.5 24.1 72.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN074371.D

Acq: 09 Sep 2022 11:36

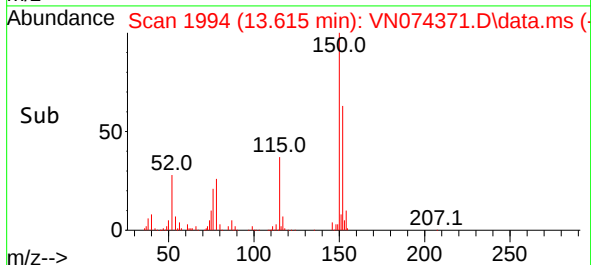
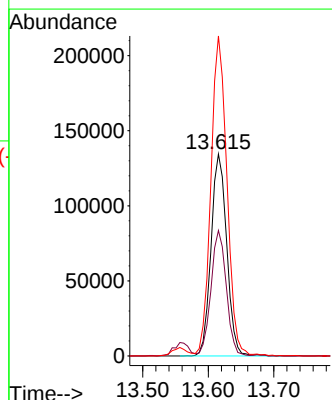
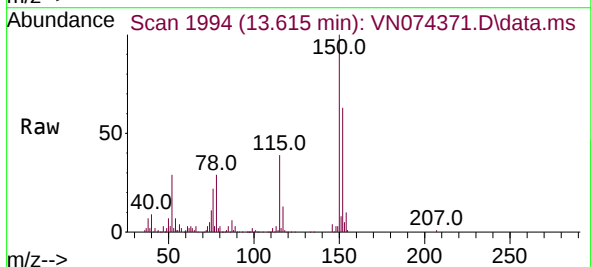
Tgt Ion:152 Resp: 223579

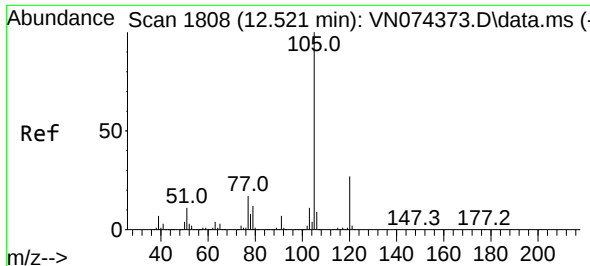
Ion Ratio Lower Upper

152 100

115 60.1 32.0 96.0

150 161.9 0.0 359.6

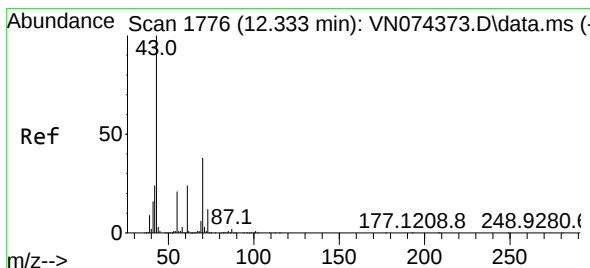
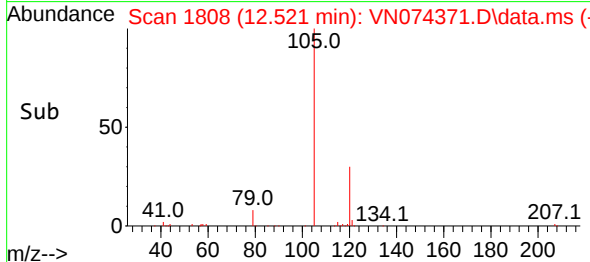
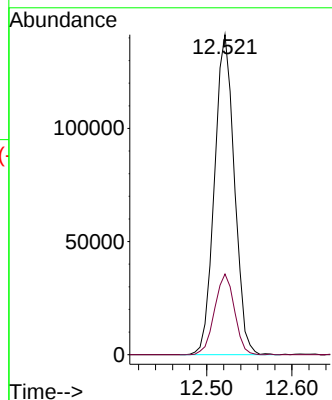
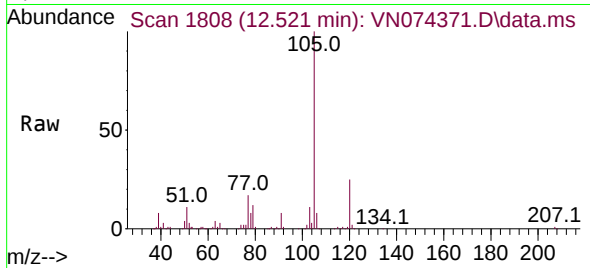




#73
Isopropylbenzene
Concen: 10.690 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

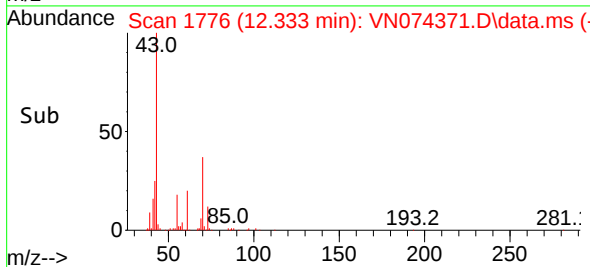
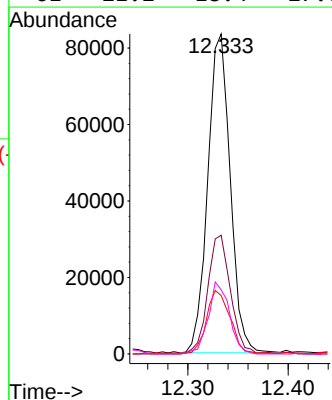
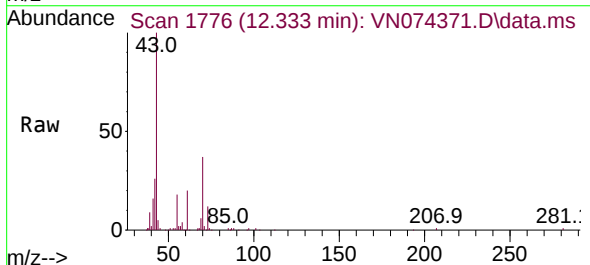
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

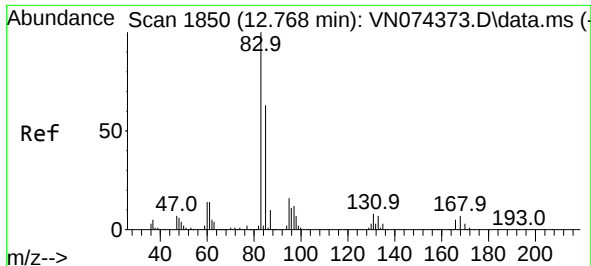
Tgt Ion:105 Resp: 229632
Ion Ratio Lower Upper
105 100
120 25.1 13.4 40.1



#74
N-ethyl acetate
Concen: 10.400 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

Tgt Ion: 43 Resp: 130064
Ion Ratio Lower Upper
43 100
70 37.5 31.4 47.0
55 20.3 17.0 25.6
61 21.2 18.4 27.6

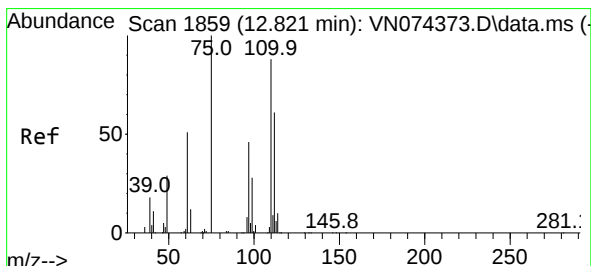
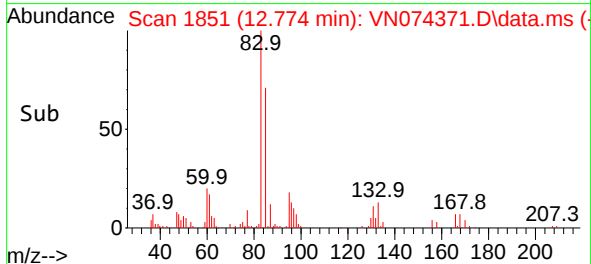
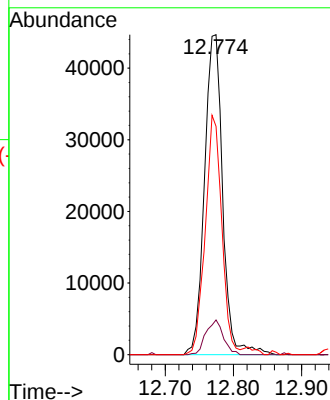
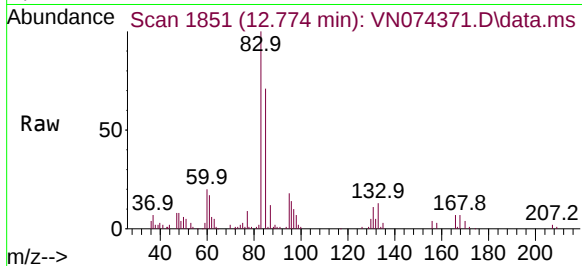




#75
 1,1,2,2-Tetrachloroethane
 Concen: 10.252 ug/l
 RT: 12.774 min Scan# 1851
 Delta R.T. 0.006 min
 Lab File: VN074371.D
 Acq: 09 Sep 2022 11:36

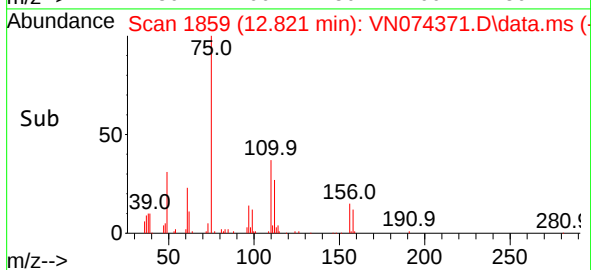
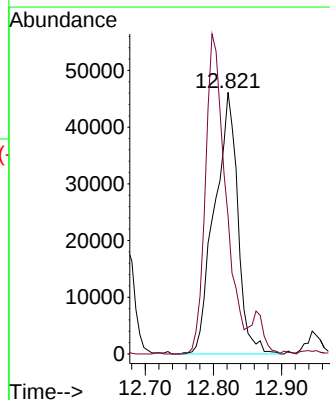
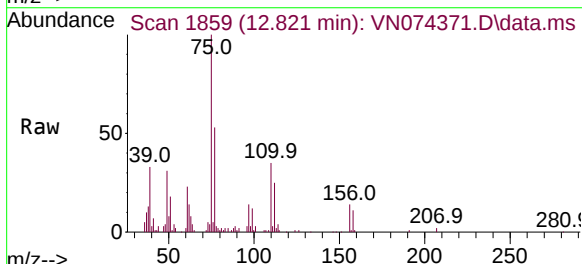
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

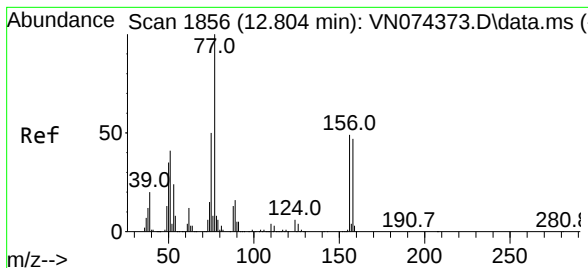
Tgt Ion: 83 Resp: 82762
 Ion Ratio Lower Upper
 83 100
 131 10.5 4.5 13.7
 85 68.0 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 14.428 ug/l
 RT: 12.821 min Scan# 1859
 Delta R.T. 0.000 min
 Lab File: VN074371.D
 Acq: 09 Sep 2022 11:36

Tgt Ion: 75 Resp: 109451
 Ion Ratio Lower Upper
 75 100
 77 0.0 78.9 236.7#





#77

Bromobenzene

Concen: 10.887 ug/l

RT: 12.798 min Scan# 1855

Delta R.T. -0.006 min

Lab File: VN074371.D

Acq: 09 Sep 2022 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

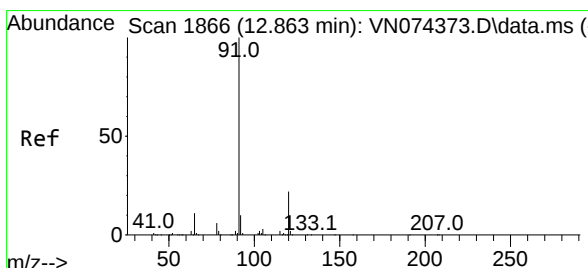
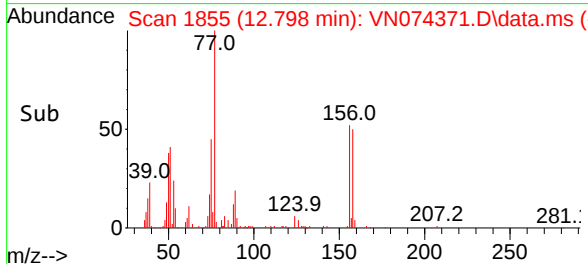
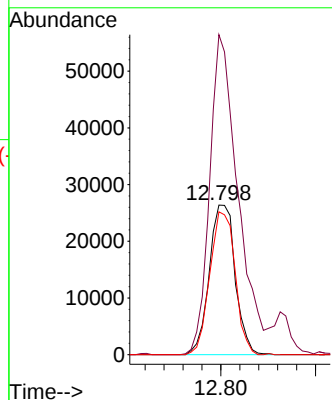
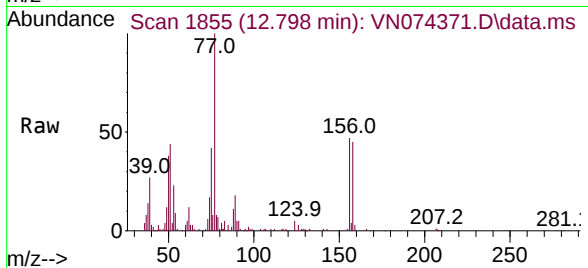
Tgt Ion:156 Resp: 50204

Ion Ratio Lower Upper

156 100

77 234.4 124.4 373.1

158 92.9 49.2 147.6



#78

n-propylbenzene

Concen: 10.179 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VN074371.D

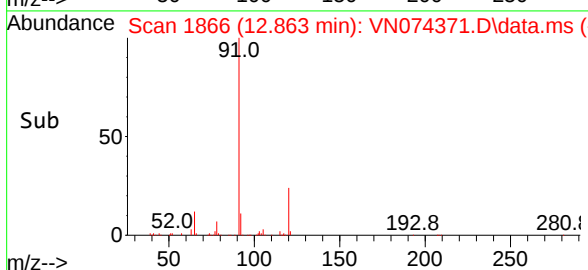
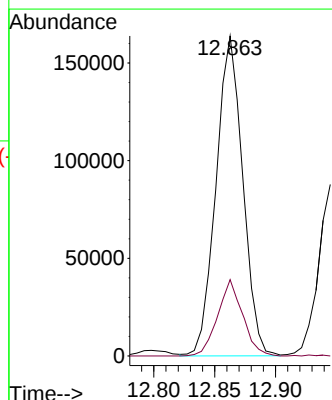
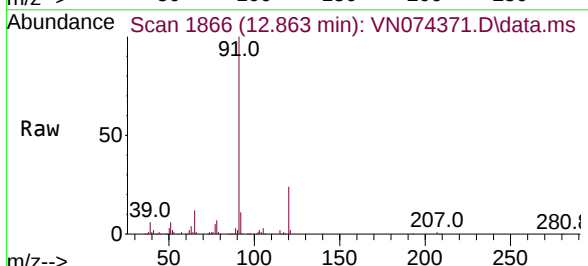
Acq: 09 Sep 2022 11:36

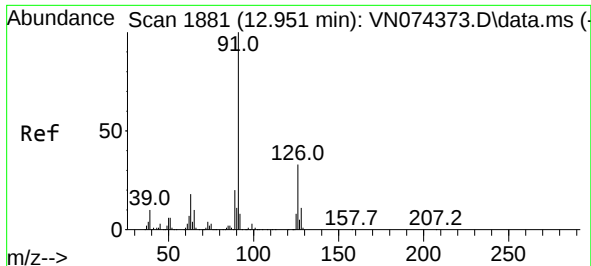
Tgt Ion: 91 Resp: 250492

Ion Ratio Lower Upper

91 100

120 22.3 11.1 33.1





#79

2-Chlorotoluene

Concen: 10.218 ug/l

RT: 12.945 min Scan# 1880

Delta R.T. -0.006 min

Lab File: VN074371.D

Acq: 09 Sep 2022 11:36

Instrument :

MSVOA_N

ClientSampleId :

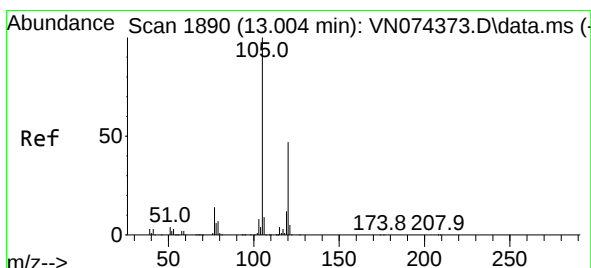
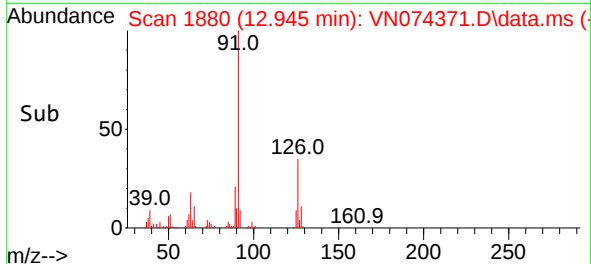
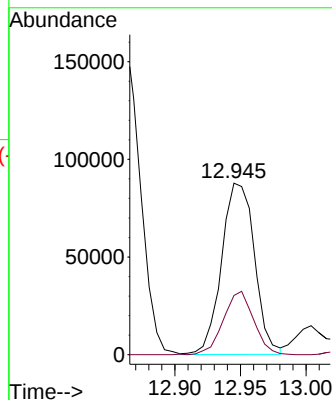
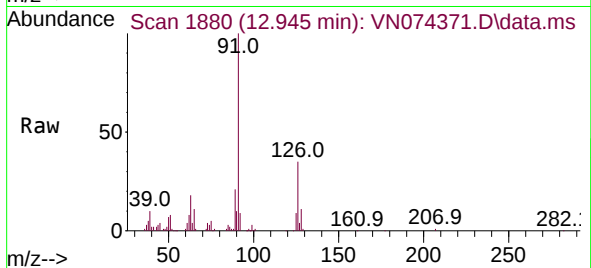
VSTDIC010

Tgt Ion: 91 Resp: 153305

Ion Ratio Lower Upper

91 100

126 34.0 16.2 48.5



#80

1,3,5-Trimethylbenzene

Concen: 10.434 ug/l

RT: 13.004 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VN074371.D

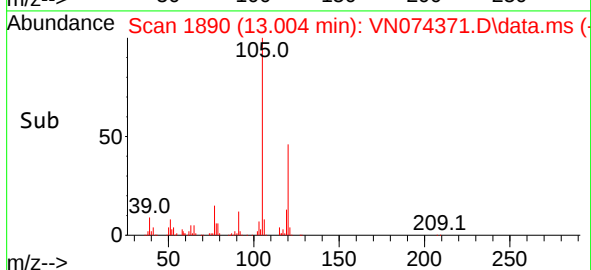
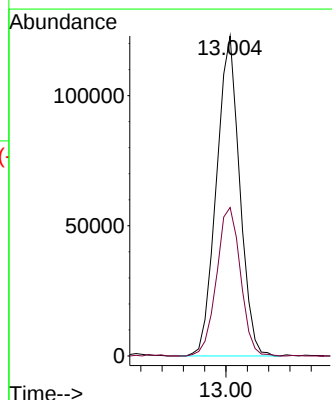
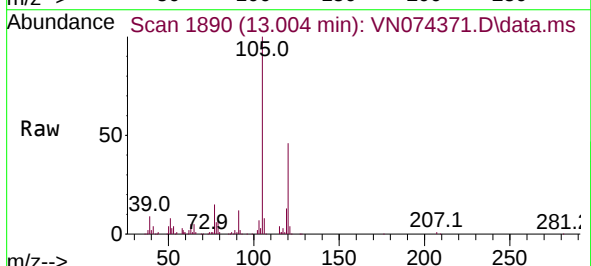
Acq: 09 Sep 2022 11:36

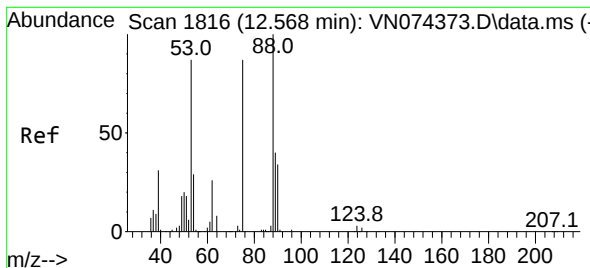
Tgt Ion: 105 Resp: 185946

Ion Ratio Lower Upper

105 100

120 47.7 23.8 71.4

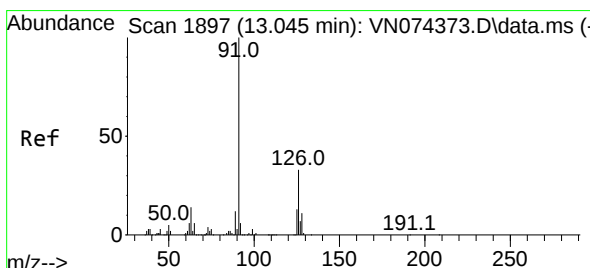
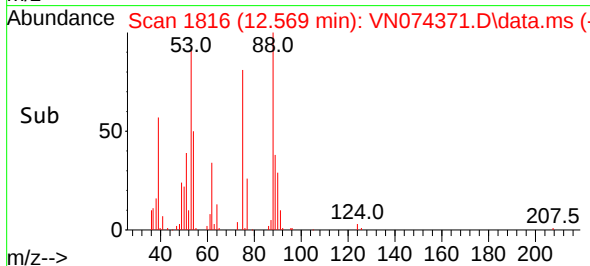
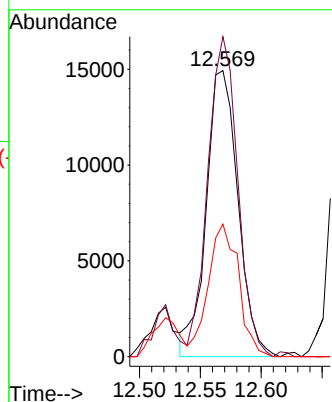
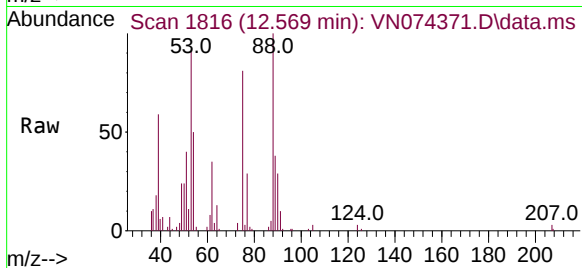




#81
trans-1,4-Dichloro-2-butene
Concen: 10.336 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

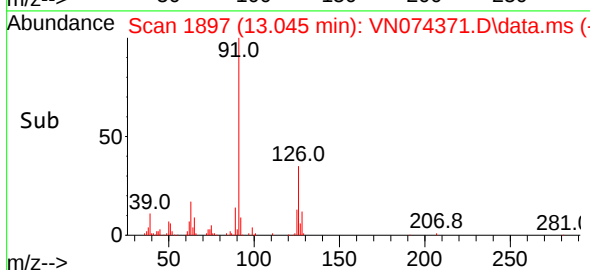
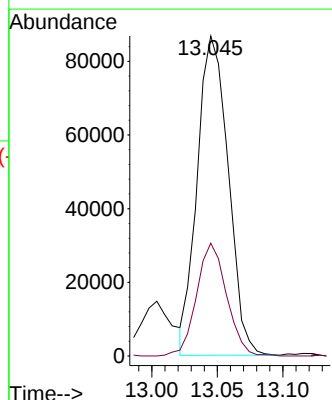
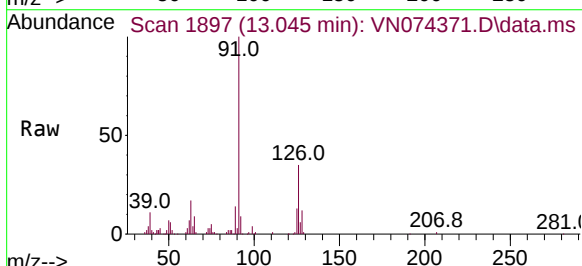
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

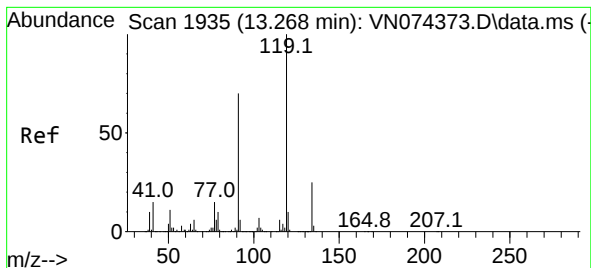
Tgt Ion: 75 Resp: 27102
Ion Ratio Lower Upper
75 100
53 105.2 82.2 123.2
89 44.4 37.7 56.5



#82
4-Chlorotoluene
Concen: 9.853 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

Tgt Ion: 91 Resp: 142634
Ion Ratio Lower Upper
91 100
126 34.3 16.4 49.1





#83

tert-Butylbenzene

Concen: 10.134 ug/l

RT: 13.268 min Scan# 1935

Delta R.T. 0.000 min

Lab File: VN074371.D

Acq: 09 Sep 2022 11:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

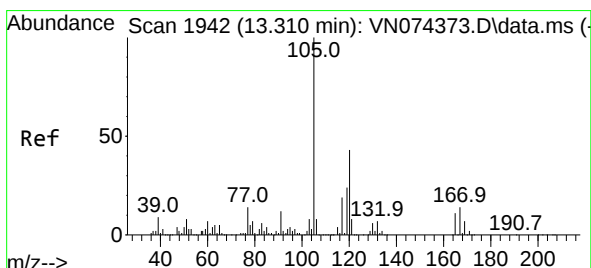
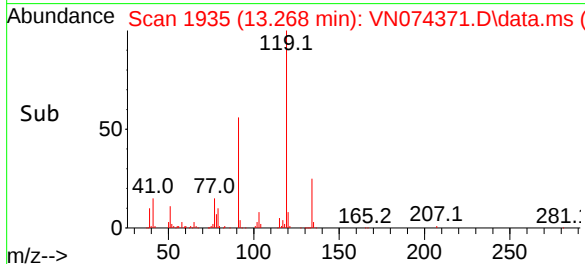
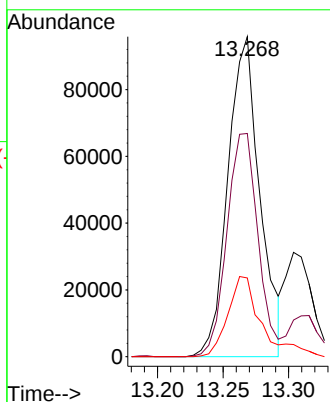
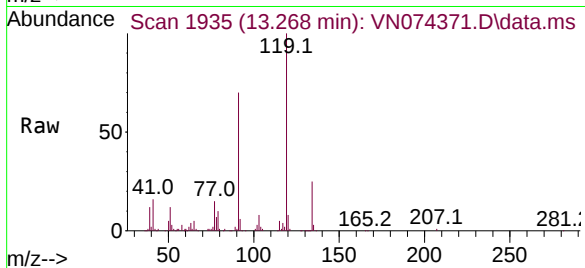
Tgt Ion:119 Resp: 162603

Ion Ratio Lower Upper

119 100

91 68.0 33.8 101.3

134 26.3 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 10.314 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. 0.000 min

Lab File: VN074371.D

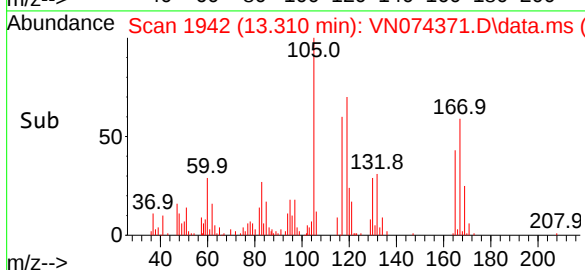
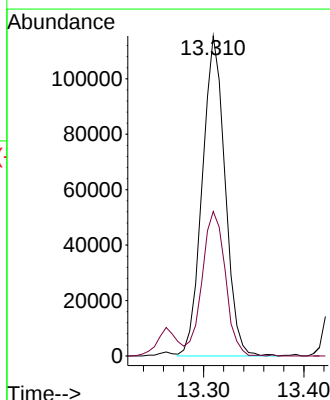
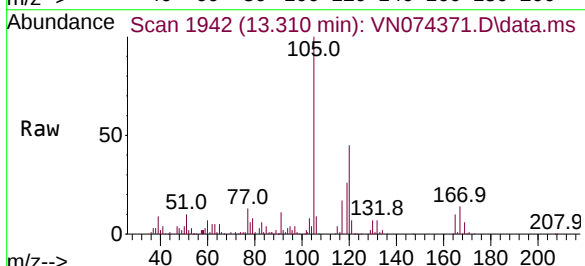
Acq: 09 Sep 2022 11:36

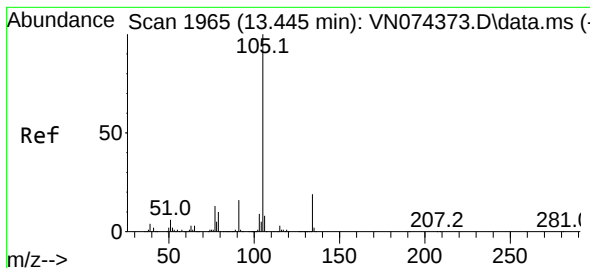
Tgt Ion:105 Resp: 182183

Ion Ratio Lower Upper

105 100

120 45.9 21.9 65.8





#85

sec-Butylbenzene

Concen: 10.221 ug/l

RT: 13.445 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VN074371.D

Acq: 09 Sep 2022 11:36

Instrument :

MSVOA_N

ClientSampleId :

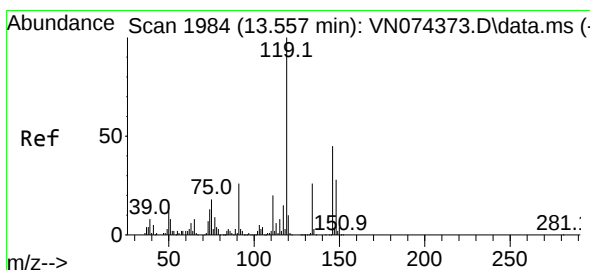
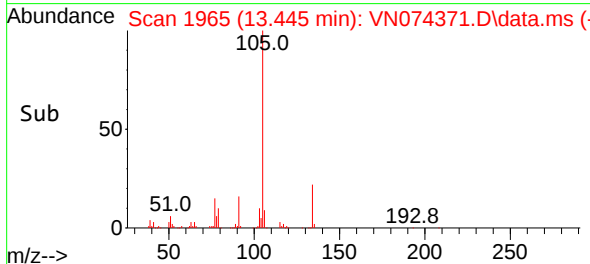
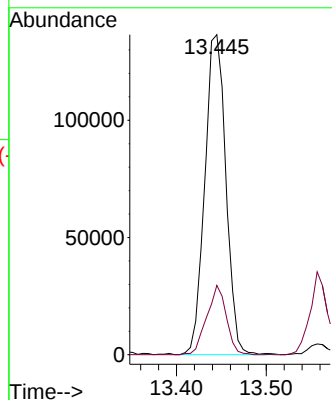
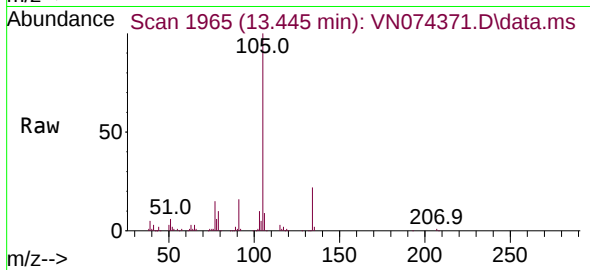
VSTDIC010

Tgt Ion:105 Resp: 223160

Ion Ratio Lower Upper

105 100

134 20.0 9.7 28.9



#86

p-Isopropyltoluene

Concen: 10.090 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN074371.D

Acq: 09 Sep 2022 11:36

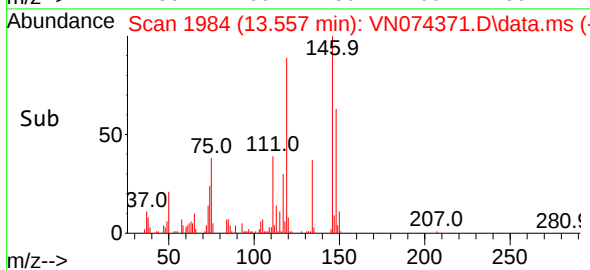
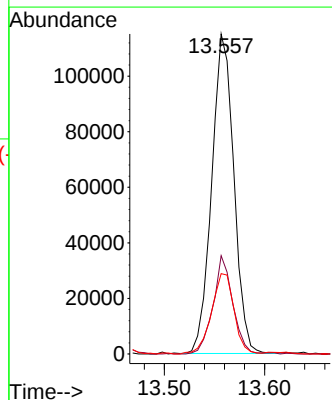
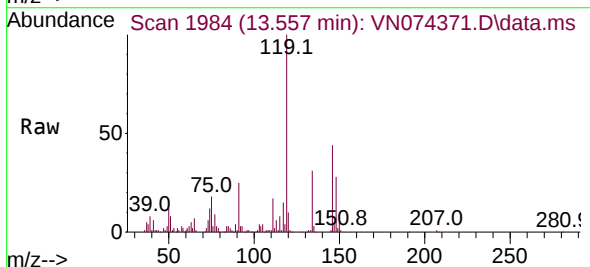
Tgt Ion:119 Resp: 176335

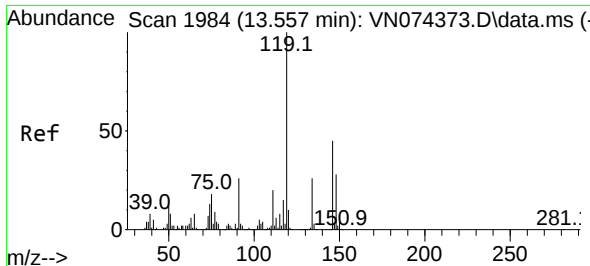
Ion Ratio Lower Upper

119 100

134 27.5 13.0 38.9

91 25.6 13.1 39.3

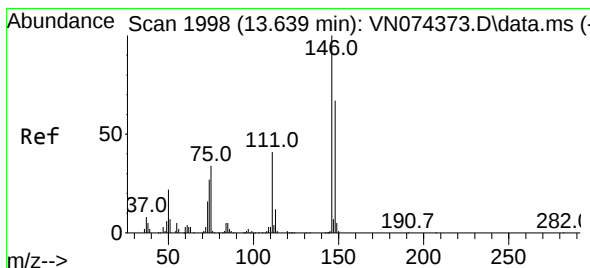
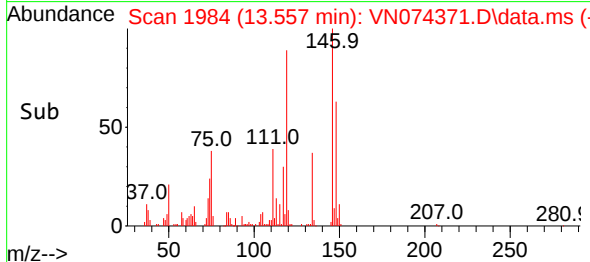
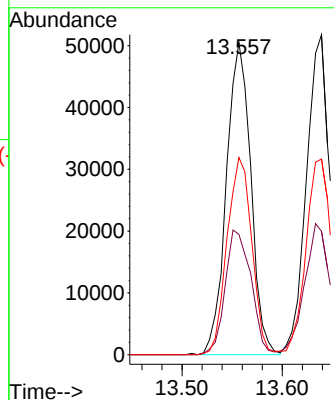
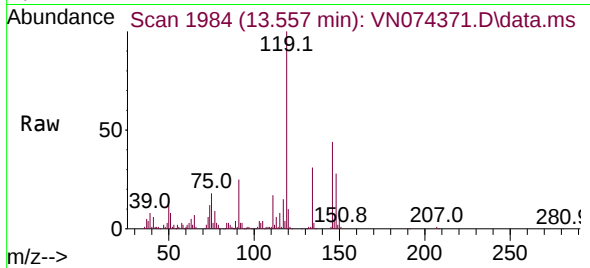




#87
 1,3-Dichlorobenzene
 Concen: 10.044 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN074371.D
 Acq: 09 Sep 2022 11:36

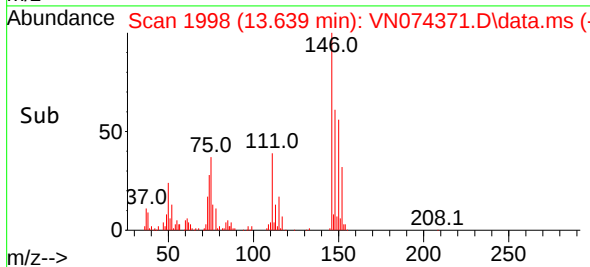
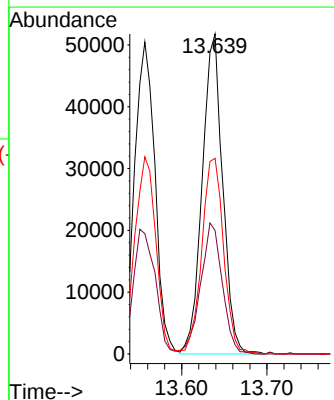
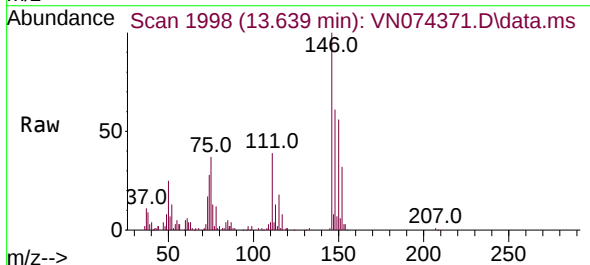
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

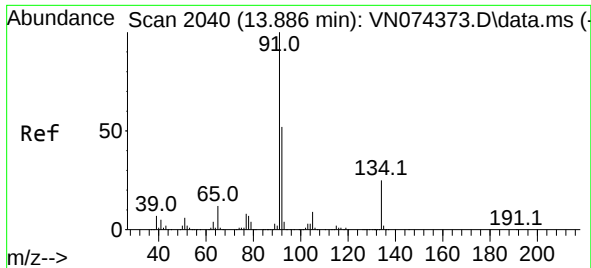
Tgt Ion:146 Resp: 85632
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.5 64.5
 148 63.9 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 10.029 ug/l
 RT: 13.639 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN074371.D
 Acq: 09 Sep 2022 11:36

Tgt Ion:146 Resp: 86375
 Ion Ratio Lower Upper
 146 100
 111 43.4 20.8 62.2
 148 65.3 32.1 96.5

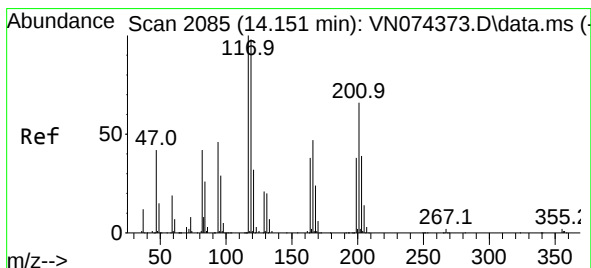
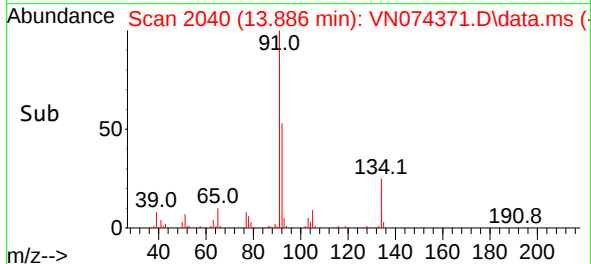
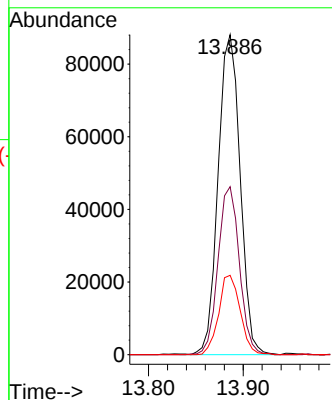
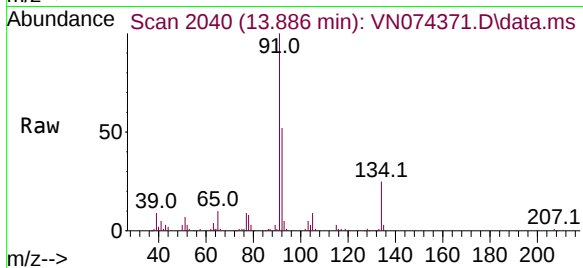




#89
n-Butylbenzene
Concen: 9.585 ug/l
RT: 13.886 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

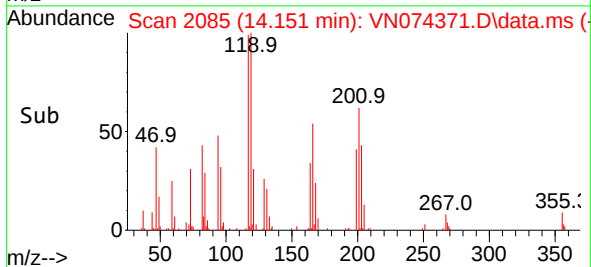
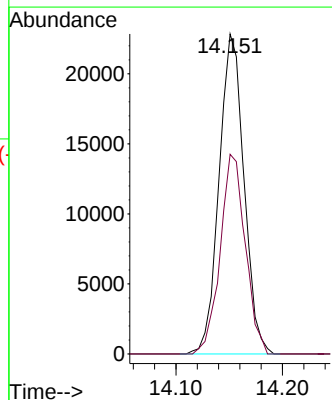
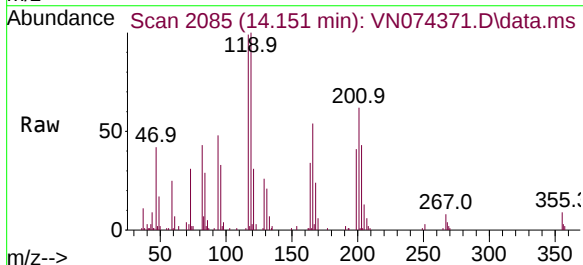
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

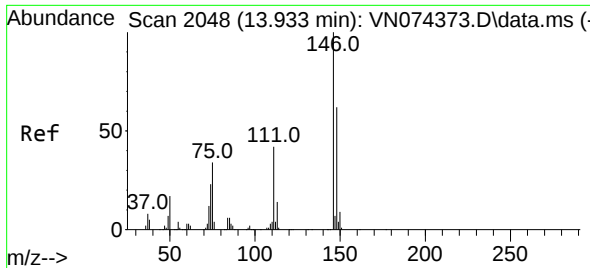
Tgt Ion: 91 Resp: 142554
Ion Ratio Lower Upper
91 100
92 51.0 25.8 77.4
134 24.3 12.4 37.0



#90
Hexachloroethane
Concen: 10.017 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.000 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

Tgt Ion: 117 Resp: 36984
Ion Ratio Lower Upper
117 100
201 63.0 32.6 98.0

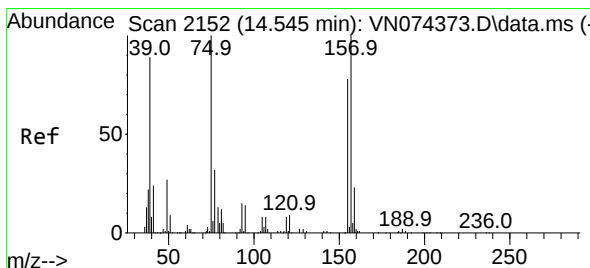
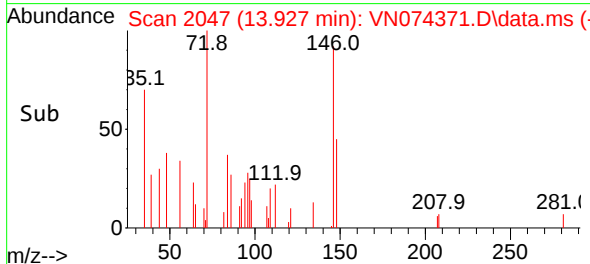
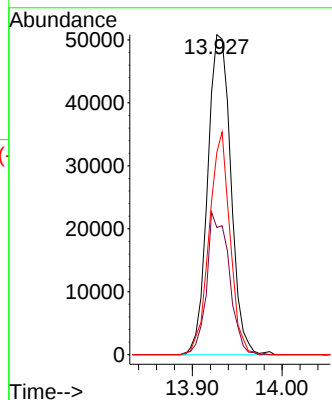
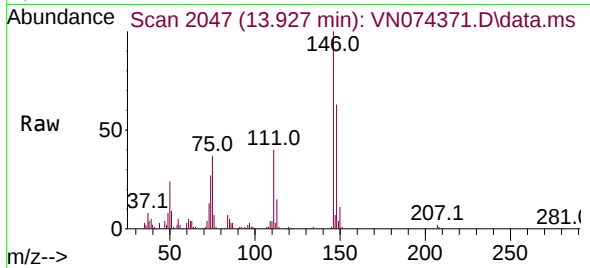




#91
 1,2-Dichlorobenzene
 Concen: 10.167 ug/l
 RT: 13.927 min Scan# 2047
 Delta R.T. -0.006 min
 Lab File: VN074371.D
 Acq: 09 Sep 2022 11:36

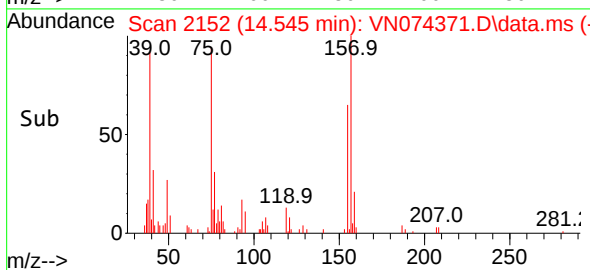
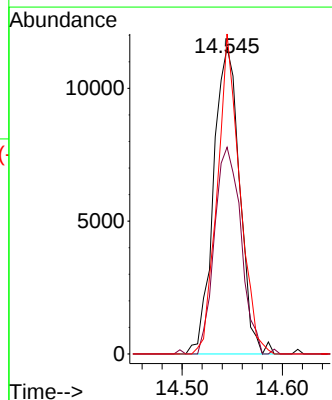
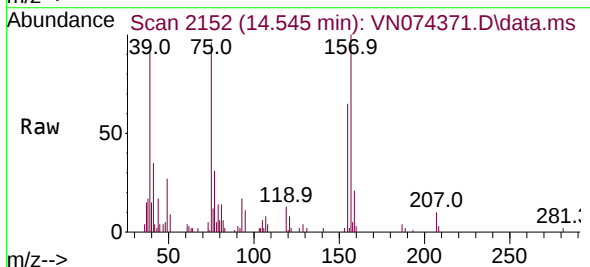
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

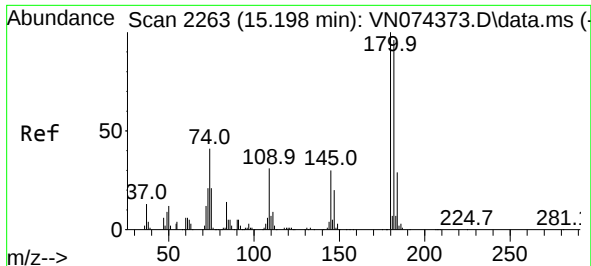
Tgt Ion:	146	Resp:	91164
Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.9	65.7
148	62.5	31.4	94.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.518 ug/l
 RT: 14.545 min Scan# 2152
 Delta R.T. 0.000 min
 Lab File: VN074371.D
 Acq: 09 Sep 2022 11:36

Tgt Ion:	75	Resp:	20915
Ion	Ratio	Lower	Upper
75	100		
155	68.1	36.6	109.9
157	89.7	46.2	138.5

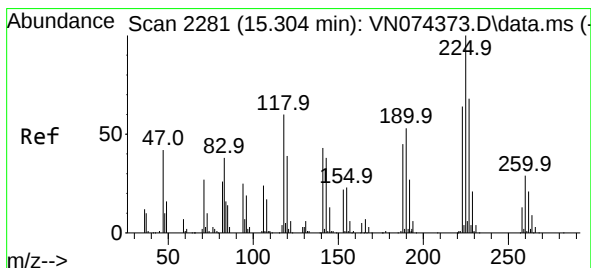
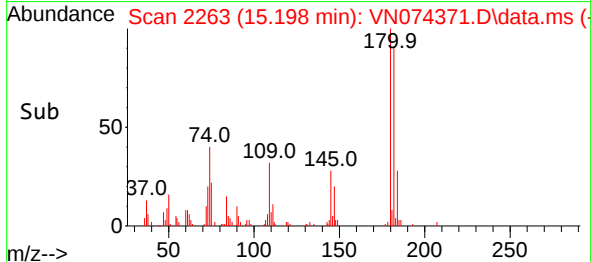
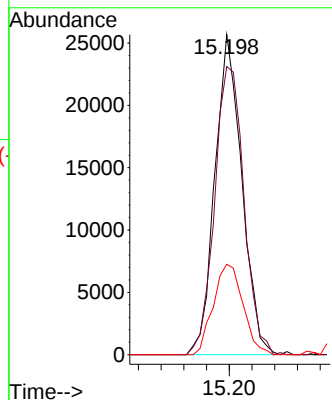
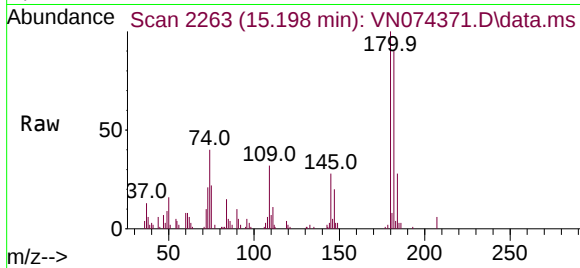




#93
1,2,4-Trichlorobenzene
Concen: 9.461 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. 0.000 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

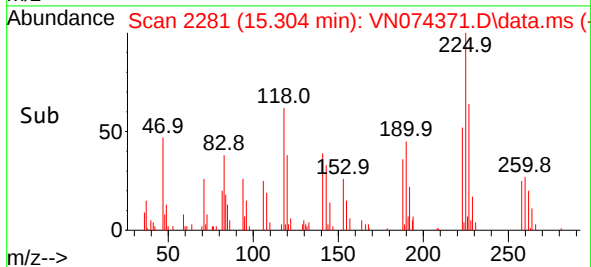
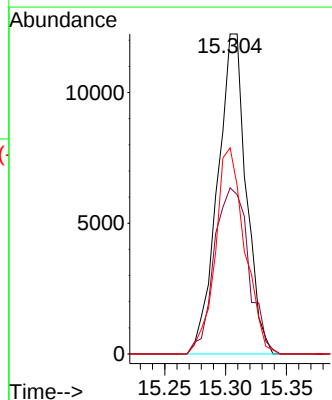
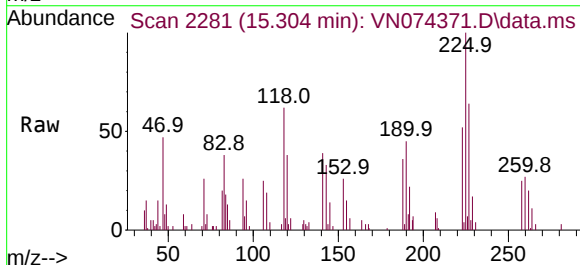
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

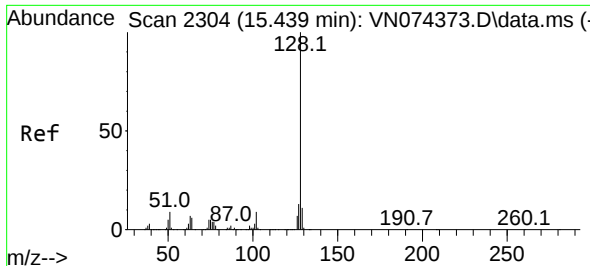
Tgt Ion:180 Resp: 42274
Ion Ratio Lower Upper
180 100
182 98.0 47.4 142.2
145 31.2 16.1 48.2



#94
Hexachlorobutadiene
Concen: 9.899 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. 0.000 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

Tgt Ion:225 Resp: 20046
Ion Ratio Lower Upper
225 100
223 62.5 31.6 94.8
227 66.1 31.8 95.4

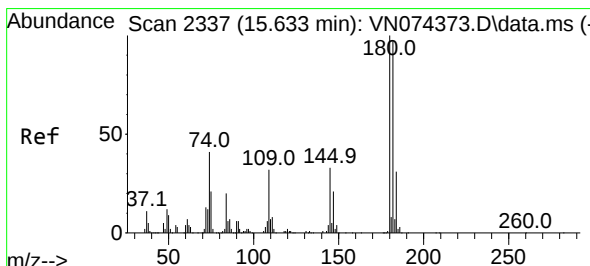
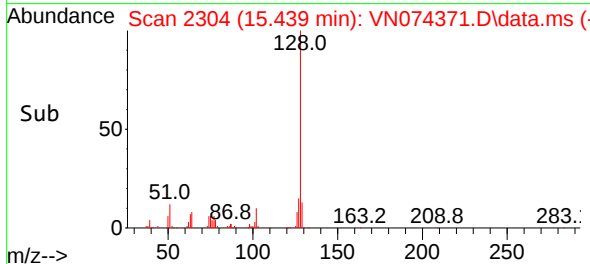
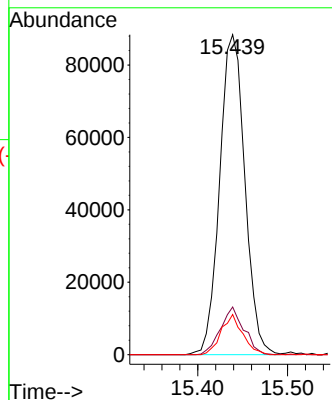
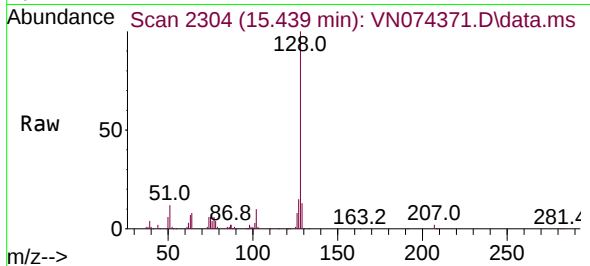




#95
Naphthalene
Concen: 9.856 ug/l
RT: 15.439 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 172284
Ion Ratio Lower Upper
128 100
127 14.0 10.6 16.0
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 9.845 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VN074371.D
Acq: 09 Sep 2022 11:36

Tgt Ion:180 Resp: 45520
Ion Ratio Lower Upper
180 100
182 88.6 47.6 142.8
145 33.0 17.3 52.0

