

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090321\
 Data File : VN068415.D
 Acq On : 3 Sep 2021 18:14
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Quant Time: Sep 04 03:13:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 03 13:24:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.665	128	98099	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	510003	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.749	117	467042	30.000	ug/l	# 0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	186449	32.058	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 106.867%	
60) 4-Bromofluorobenzene	12.733	95	200007	30.240	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 100.800%	
63) Toluene-d8	10.446	98	630999	30.339	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.133%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.078	85	90261	18.172	ug/l	97
3) Chloromethane	2.309	50	85947	19.124	ug/l	99
4) Vinyl Chloride	2.451	62	136497	20.382	ug/l	95
5) Bromomethane	2.850	94	137663	22.419	ug/l	94
6) Chloroethane	3.022	64	101342	21.213	ug/l	90
7) Trichlorofluoromethane	3.381	101	170899	18.658	ug/l	97
8) Diethyl Ether	3.835	74	53418	18.359	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.224	101	93013	17.860	ug/l	72
10) 1,1-Dichloroethene	4.191	96	86175	17.611	ug/l	# 78
11) Methyl Iodide	4.435	142	123543	15.694	ug/l	88
12) Methyl Acetate	4.859	43	94237	19.135	ug/l	# 83
13) Acrolein	4.049	56	39346	89.134	ug/l	97
14) Acrylonitrile	5.559	53	186880	93.575	ug/l	99
15) Acetone	4.291	58	46878	79.862	ug/l	80
16) Carbon Disulfide	4.540	76	219405	17.159	ug/l	100
17) Allyl chloride	4.851	41	110388	18.417	ug/l	88
18) Methylene Chloride	5.106	84	99396	18.560	ug/l	# 82
19) trans-1,2-Dichloroethene	5.605	96	96333	17.661	ug/l	# 78
20) Diisopropyl ether	6.503	45	245642	18.752	ug/l	# 92
21) 1,1-Dichloroethane	6.393	63	160812	18.563	ug/l	95
22) cis-1,2-Dichloroethene	7.329	96	113252	17.869	ug/l	# 79
23) tert-Butyl Alcohol	5.371	59	71257	97.210	ug/l	# 100
24) Methyl tert-Butyl Ether	5.624	73	288400	18.141	ug/l	# 88
25) Chloroform	7.823	83	188712	18.547	ug/l	100
26) Cyclohexane	8.099	56	138087	18.197	ug/l	# 81
29) 1,1-Dichloropropene	8.225	75	133450	18.240	ug/l	92
30) 2-Butanone	7.337	43	240831	92.001	ug/l	# 89
31) 2,2-Dichloropropane	7.329	77	138485	16.621	ug/l	92
32) 1,1,1-Trichloroethane	8.019	97	178494	18.575	ug/l	93
33) Carbon Tetrachloride	8.212	117	159257	17.937	ug/l	96
34) Benzene	8.464	78	395779	18.301	ug/l	95
35) Methacrylonitrile	7.638	41	44643	17.457	ug/l	85
36) 1,2-Dichloroethane	8.533	62	139964	19.329	ug/l	# 95
37) Trichloroethene	9.220	130	123244	17.828	ug/l	# 76
38) Methylcyclohexane	9.464	83	164632	17.334	ug/l	86
39) 1,2-Dichloropropane	9.491	63	94091	18.352	ug/l	96
40) Dibromomethane	9.579	93	74697	18.411	ug/l	79
41) Bromodichloromethane	9.765	83	144077	18.381	ug/l	# 98
42) Vinyl Acetate	6.439	43	913421	92.260	ug/l	# 91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.415	43	108338m	20.813	ug/l	
44) Isopropyl Acetate	8.563	43	177473	18.767	ug/l	92
45) 1,4-Dioxane	9.571	88	31288	370.133	ug/l #	85
46) Methyl methacrylate	9.561	41	77353	19.347	ug/l	83
47) n-amyl Acetate	12.387	43	112646	17.410	ug/l #	89
48) t-1,3-Dichloropropene	10.722	75	134798	17.474	ug/l	98
49) cis-1,3-Dichloropropene	10.194	75	151585	17.816	ug/l #	83
50) 1,1,2-Trichloroethane	10.899	97	105975	18.516	ug/l	95
51) Ethyl methacrylate	10.762	69	132089	17.950	ug/l	83
52) 1,3-Dichloropropane	11.046	76	159236	18.427	ug/l	98
53) Dibromochloromethane	11.240	129	121340	17.591	ug/l	99
54) 1,2-Dibromoethane	11.350	107	107084	17.900	ug/l	98
55) 2-Chloroethyl vinyl ether	10.043	63	46551	93.814	ug/l #	90
56) Bromoform	12.460	173	88220	16.713	ug/l #	96
58) 4-Methyl-2-Pentanone	10.333	43	520402	95.754	ug/l #	90
59) 2-Hexanone	11.087	43	347416	92.113	ug/l	89
61) Tetrachloroethene	10.982	164	125264	17.347	ug/l	90
62) Toluene	10.510	91	471813	18.411	ug/l	99
64) Chlorobenzene	11.773	112	293873	17.787	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.843	131	118339	17.890	ug/l	99
66) Ethyl Benzene	11.848	91	491710	17.826	ug/l	91
67) m/p-Xylenes	11.956	106	404369	35.751	ug/l	78
68) o-Xylene	12.283	106	195612	17.855	ug/l	77
69) Styrene	12.296	104	302545	17.492	ug/l #	91
70) Isopropylbenzene	12.581	105	508019	18.004	ug/l	95
71) 1,1,2,2-Tetrachloroethane	12.830	83	138359	19.173	ug/l	99
72) 1,2,3-Trichloropropane	12.881	75	115869m	19.587	ug/l	
73) Bromobenzene	12.865	156	131029	16.779	ug/l	54
74) n-propylbenzene	12.921	91	542721	17.806	ug/l	90
75) 2-Chlorotoluene	13.010	91	326016	18.024	ug/l #	100
76) 1,3,5-Trimethylbenzene	13.063	105	419551	17.971	ug/l	92
77) t-1,4-Dichloro-2-butene	12.629	75	28224	15.737	ug/l	86
78) 4-Chlorotoluene	13.109	91	313121	17.655	ug/l	85
79) tert-butylbenzene	13.326	119	381049	17.853	ug/l	82
80) 1,2,4-Trimethylbenzene	13.369	105	403463m	17.793	ug/l	
81) sec-Butylbenzene	13.503	105	498929	17.413	ug/l	90
82) p-Isopropyltoluene	13.618	119	417709	16.941	ug/l	89
83) 1,3-Dichlorobenzene	13.618	146	230786	16.736	ug/l	91
84) 1,4-Dichlorobenzene	13.696	146	215713	16.226	ug/l	92
85) n-Butylbenzene	13.946	91	285271	15.517	ug/l	95
86) Hexachloroethane	14.211	117	72525	17.388	ug/l	82
87) 1,2-Dichlorobenzene	13.989	146	217639	16.604	ug/l	91
88) 1,2-Dibromo-3-Chloropr...	14.605	75	22016	17.627	ug/l #	35
89) 1,2,4-Trichlorobenzene	15.265	180	91846	13.045	ug/l	97
90) Hexachlorobutadiene	15.370	225	61694	14.910	ug/l	98
91) Naphthalene	15.507	128	170796	11.476	ug/l	98
92) 1,2,3-Trichlorobenzene	15.702	180	85965	12.837	ug/l	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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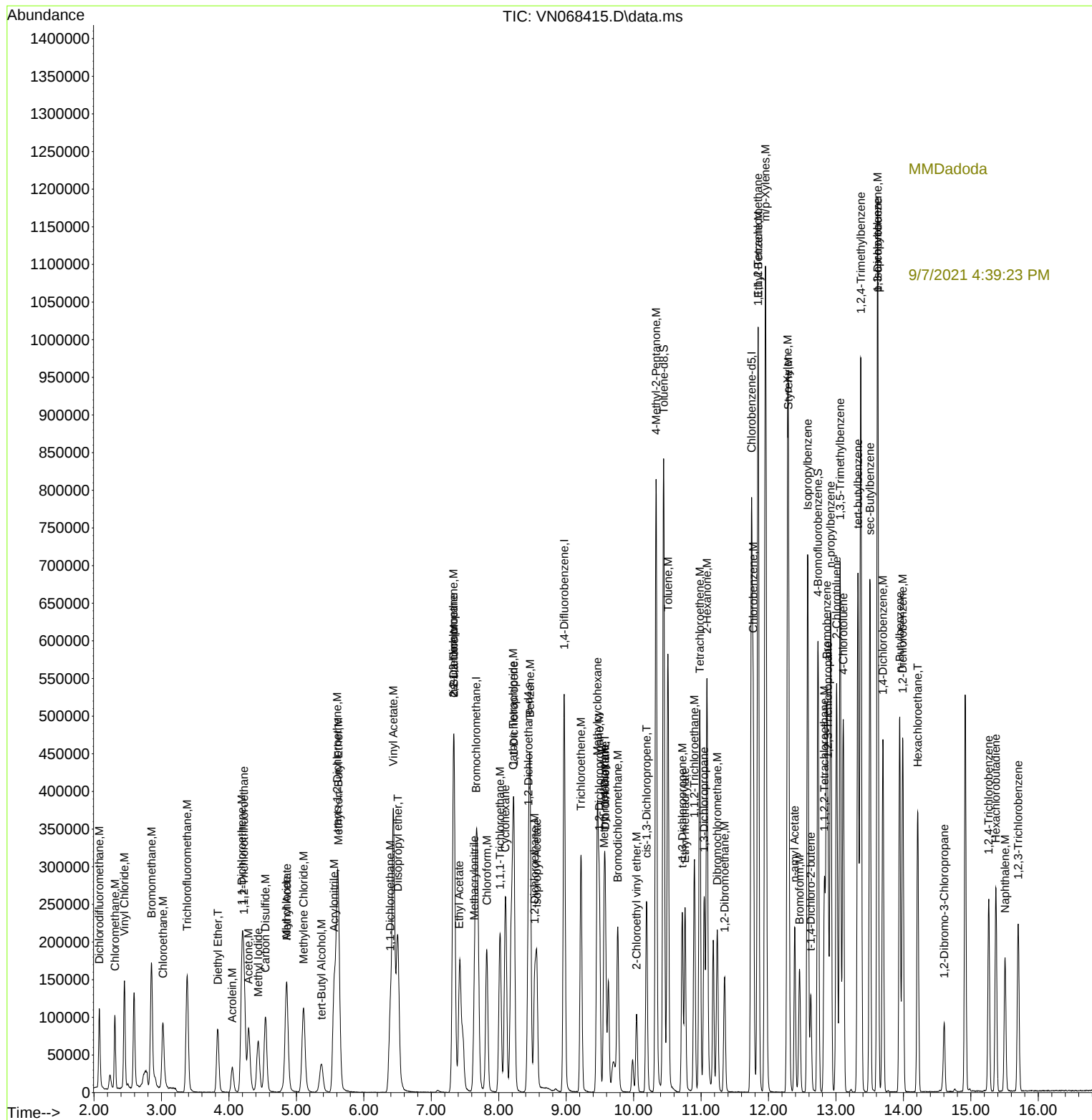
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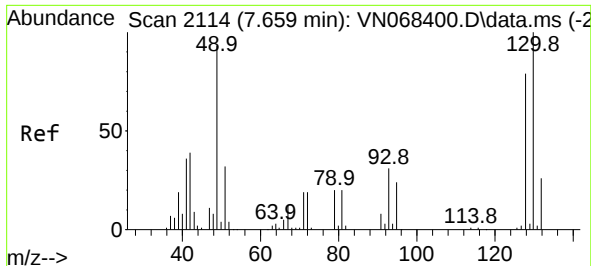
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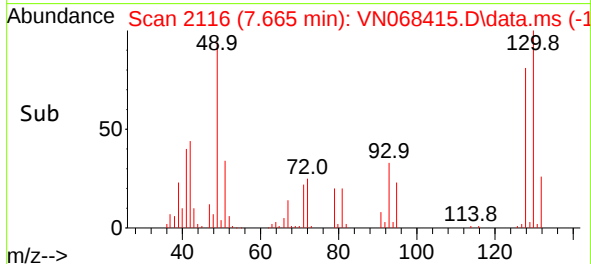
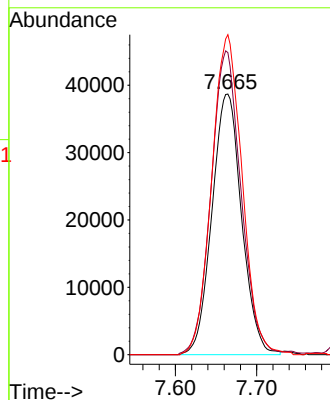
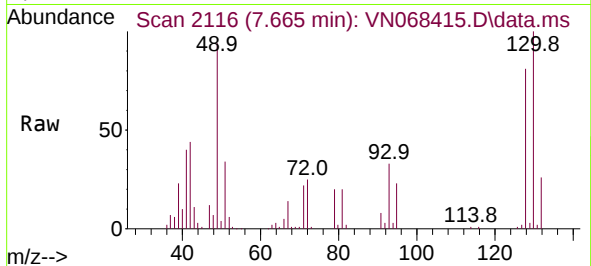


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.665 min Scan# 2116
Delta R.T. 0.006 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion	Ratio	Lower	Upper
128	100		
49	118.2	0.0	517.5
130	125.7	0.0	325.8

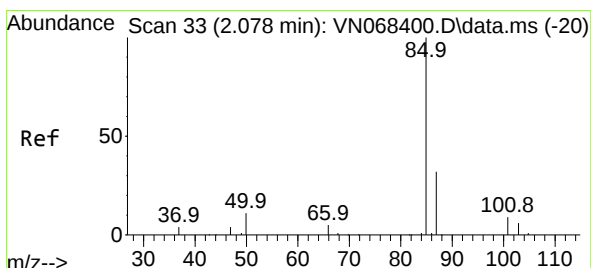
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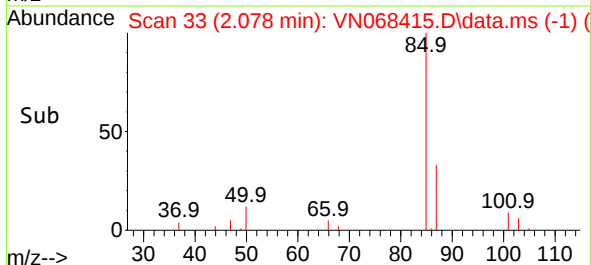
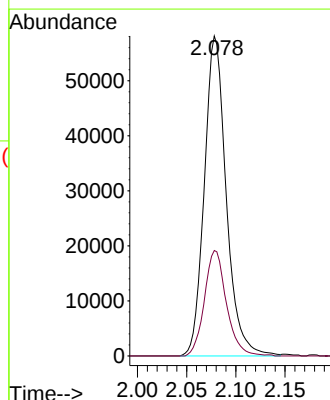
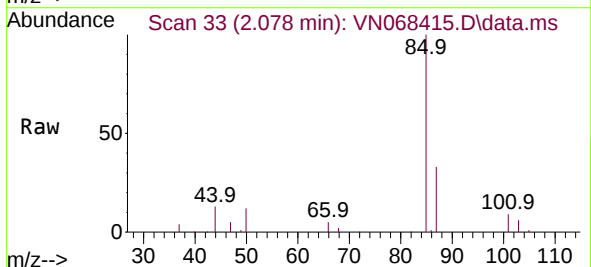
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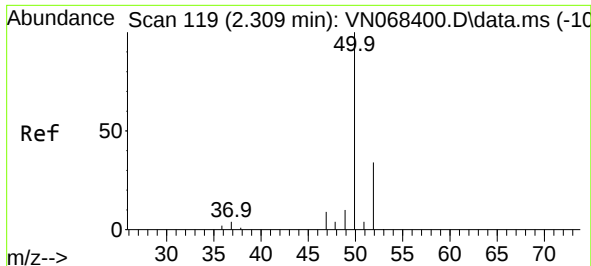
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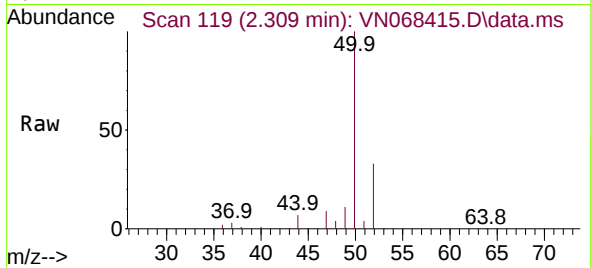
#2
Dichlorodifluoromethane
Concen: 18.172 ug/l
RT: 2.078 min Scan# 33
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.9	15.7	47.0

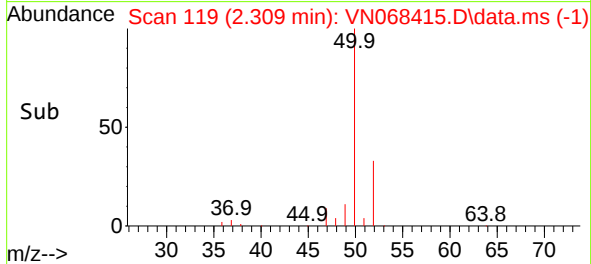
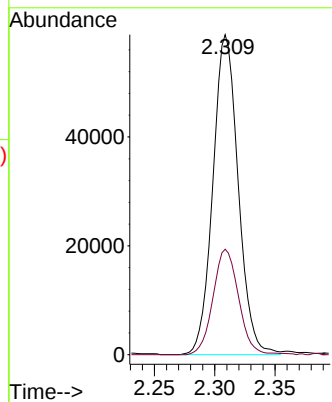




#3
Chloromethane
Concen: 19.124 ug/l
RT: 2.309 min Scan# 119
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14



Tgt Ion: 50 Resp: 85947
Ion Ratio Lower Upper
50 100
52 33.0 26.0 39.0

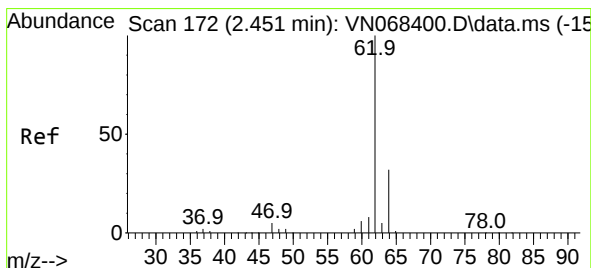


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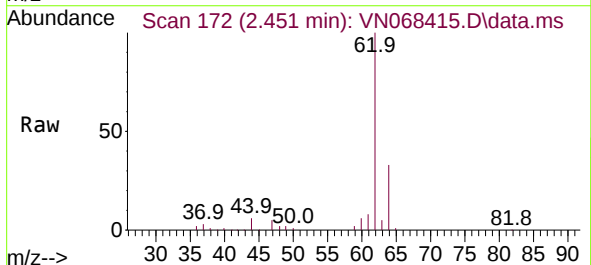
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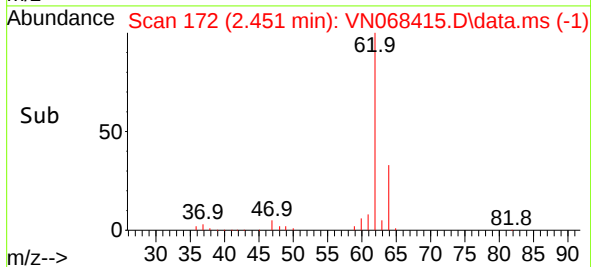
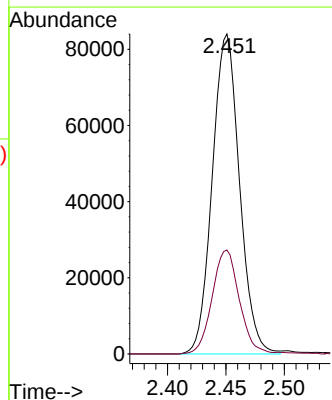
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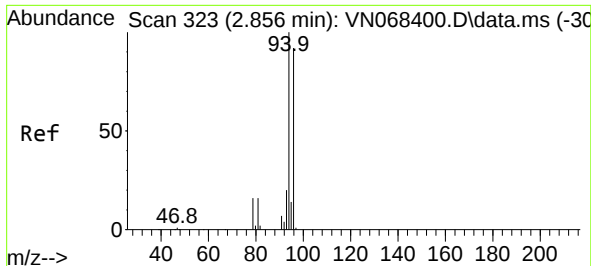


#4
Vinyl Chloride
Concen: 20.382 ug/l
RT: 2.451 min Scan# 172
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14



Tgt Ion: 62 Resp: 136497
Ion Ratio Lower Upper
62 100
64 32.5 23.7 35.5



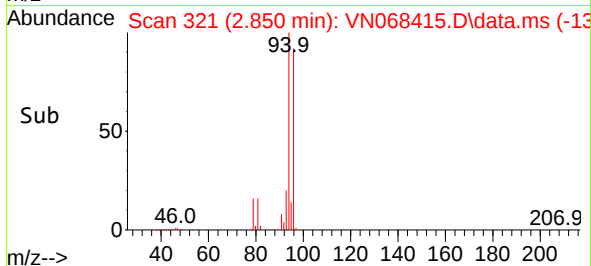
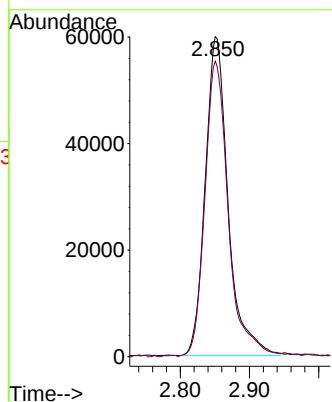
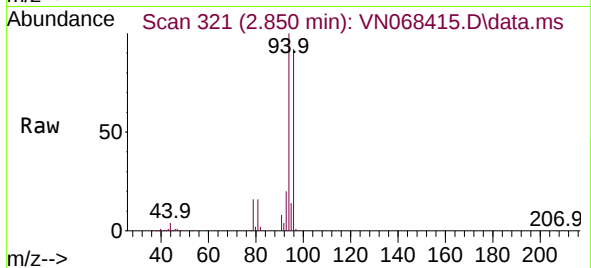


#5
Bromomethane
Concen: 22.419 ug/l
RT: 2.850 min Scan# 321
Delta R.T. -0.005 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion: 94 Resp: 137663
Ion Ratio Lower Upper
94 100
96 92.4 69.4 104.2

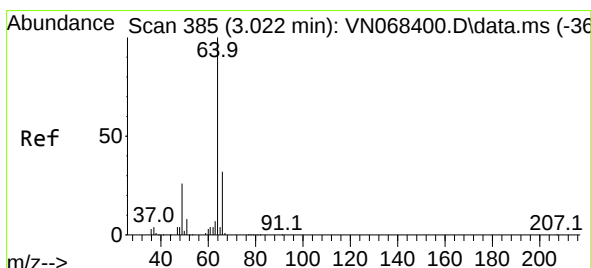
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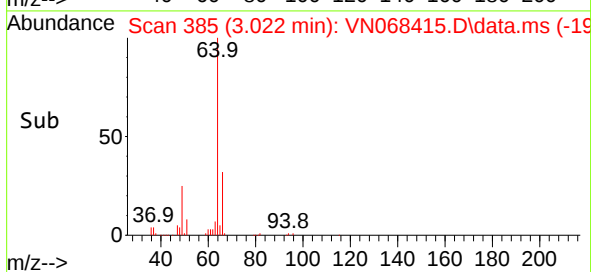
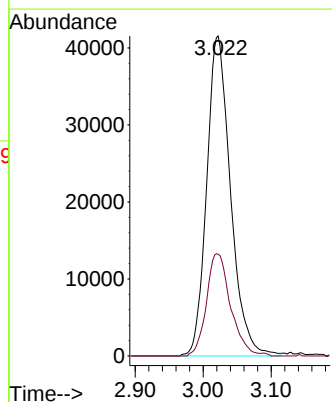
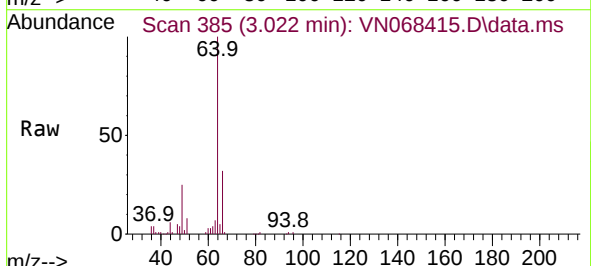
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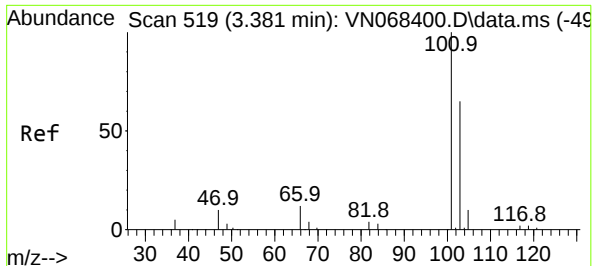
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#6
Chloroethane
Concen: 21.213 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion: 64 Resp: 101342
Ion Ratio Lower Upper
64 100
66 31.8 21.5 32.3



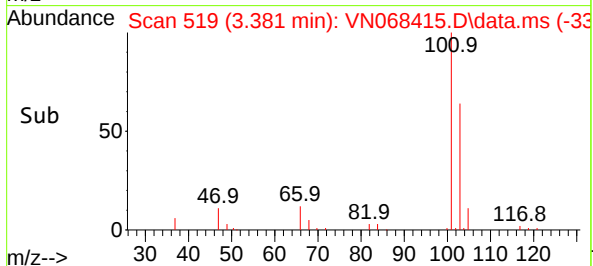
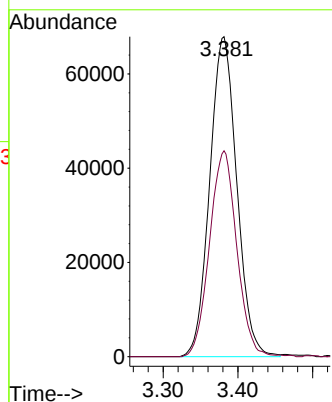
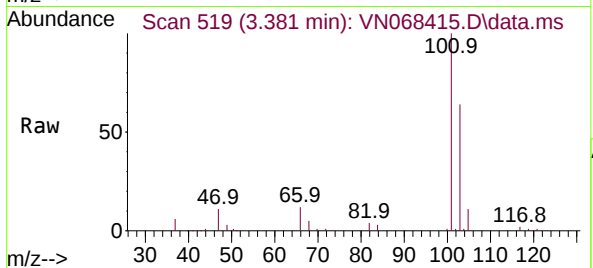


#7
Trichlorofluoromethane
Concen: 18.658 ug/l
RT: 3.381 min Scan# 519
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion:101 Resp: 170899
Ion Ratio Lower Upper
101 100
103 64.4 53.7 80.5

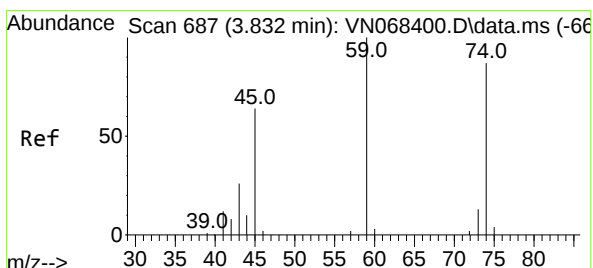
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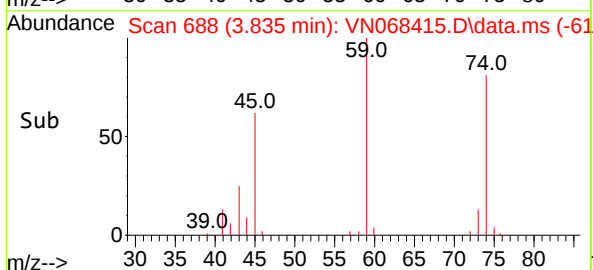
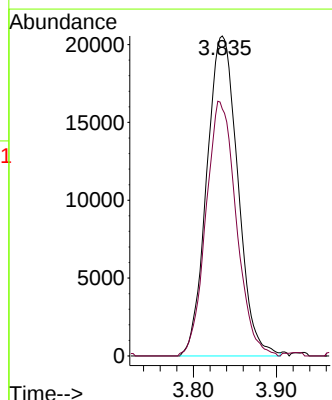
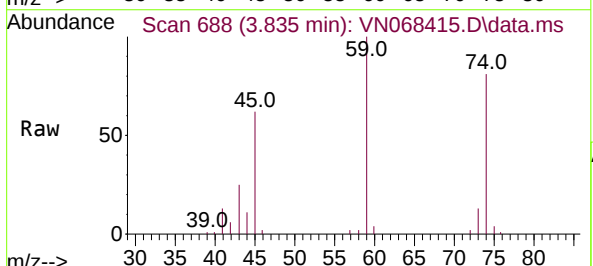
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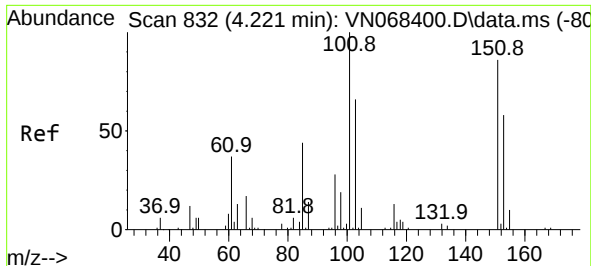
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#8
Diethyl Ether
Concen: 18.359 ug/l
RT: 3.835 min Scan# 688
Delta R.T. 0.003 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion: 74 Resp: 53418
Ion Ratio Lower Upper
74 100
45 77.6 20.3 182.5



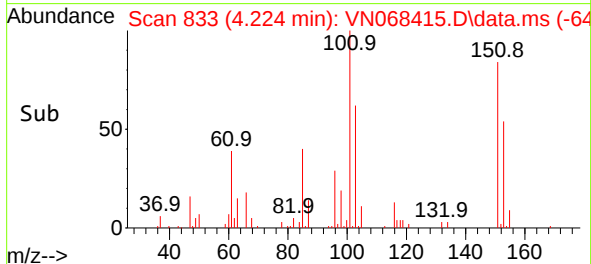
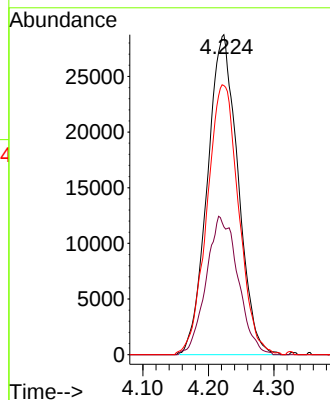
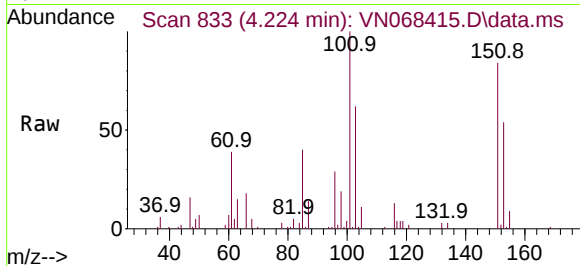


#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.860 ug/l
RT: 4.224 min Scan# 833
Delta R.T. 0.003 min
Lab File: VN068415.D
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Tgt Ion: 101 Resp: 93013
Ion Ratio Lower Upper
101 100
85 27.2 0.0 97.8
151 87.3 0.0 135.0

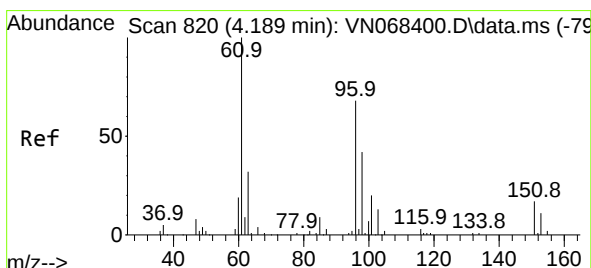
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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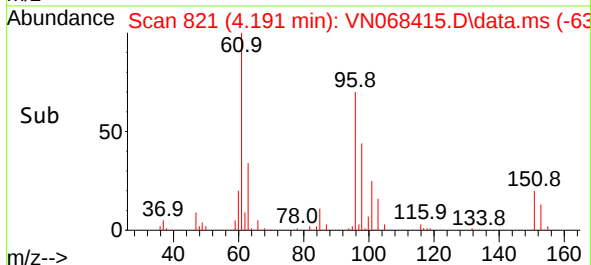
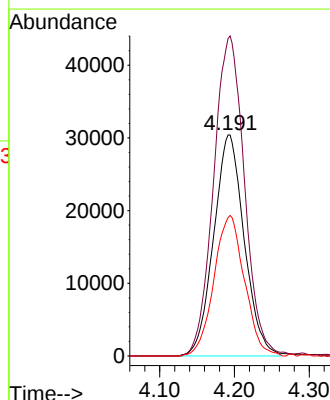
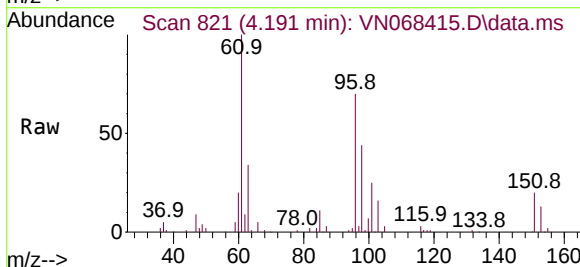
MMDadoda

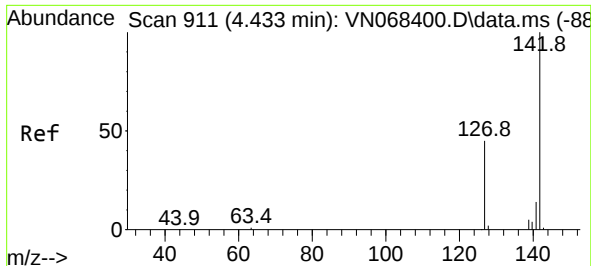
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#10
1,1-Dichloroethene
Concen: 17.611 ug/l
RT: 4.191 min Scan# 821
Delta R.T. 0.003 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

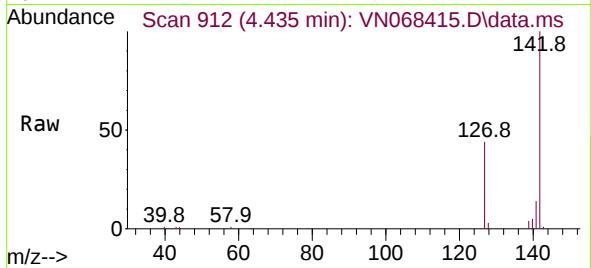
Tgt Ion: 96 Resp: 86175
Ion Ratio Lower Upper
96 100
61 143.6 148.3 222.5#
98 62.6 48.6 73.0





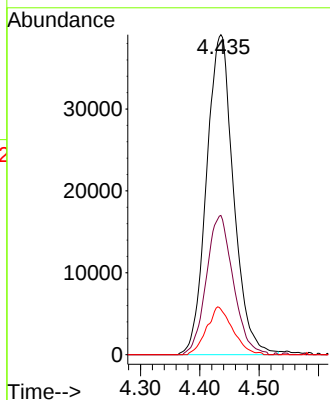
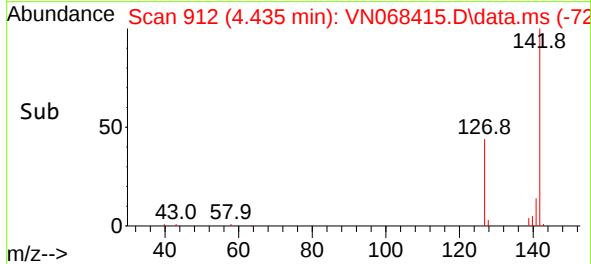
#11
Methyl Iodide
Concen: 15.694 ug/l
RT: 4.435 min Scan# 912
Delta R.T. 0.003 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



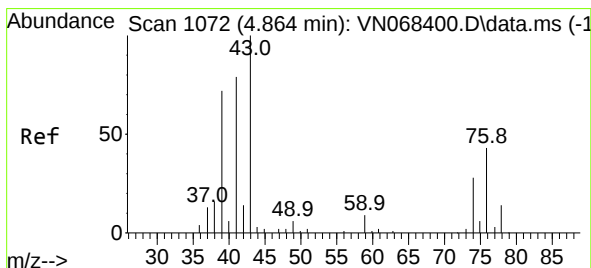
Tgt Ion:142 Resp: 123543
Ion Ratio Lower Upper
142 100
127 43.7 27.2 81.5
141 13.7 6.9 20.7

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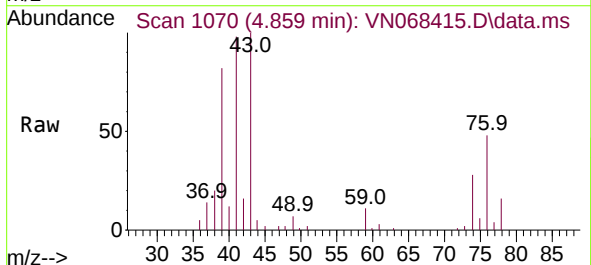


MMDadoda

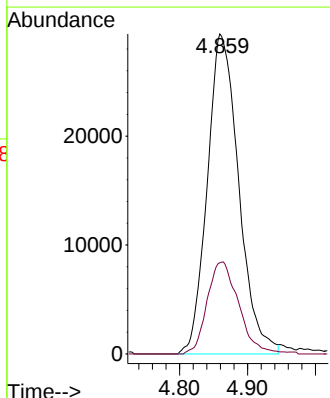
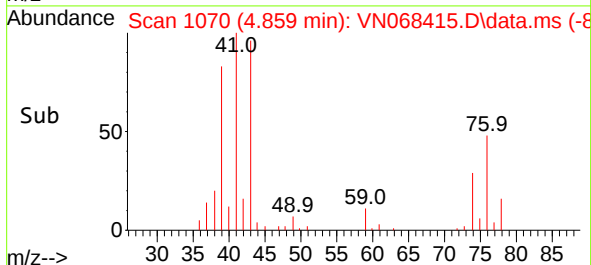
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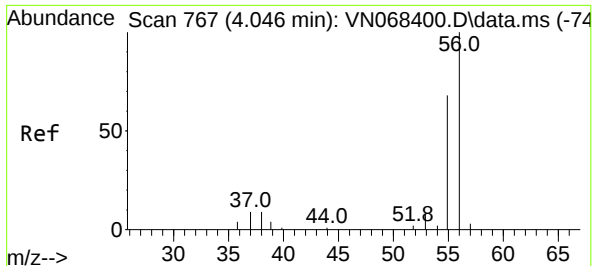


#12
Methyl Acetate
Concen: 19.135 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. -0.005 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14



Tgt Ion: 43 Resp: 94237
Ion Ratio Lower Upper
43 100
74 28.5 16.6 25.0#



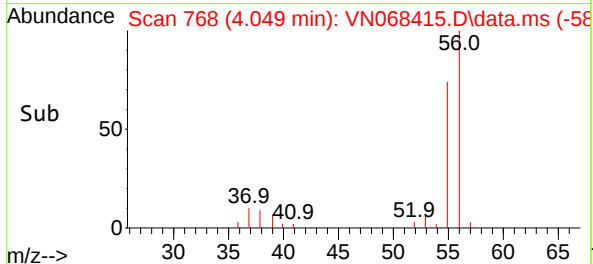
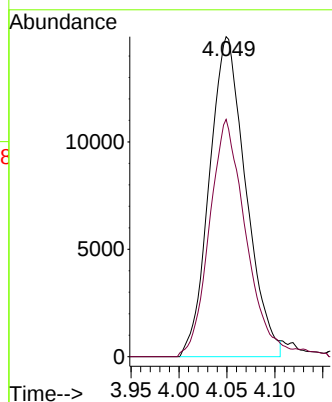
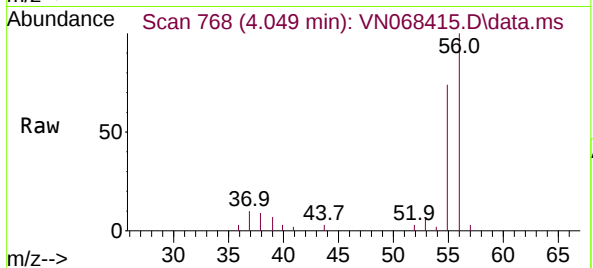


#13
Acrolein
Concen: 89.134 ug/l
RT: 4.049 min Scan# 768
Delta R.T. 0.003 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

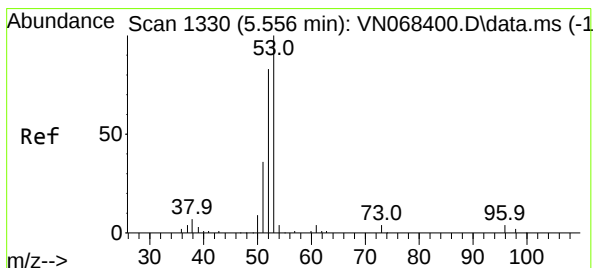
Tgt Ion: 56 Resp: 39346
Ion Ratio Lower Upper
56 100
55 74.0 57.5 86.3

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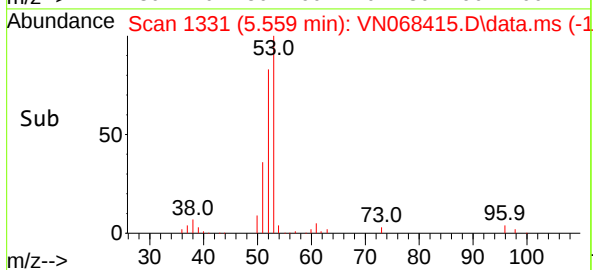
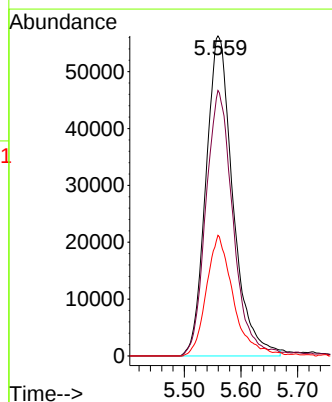
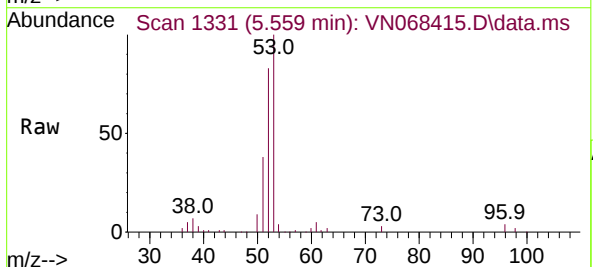
MMDadoda

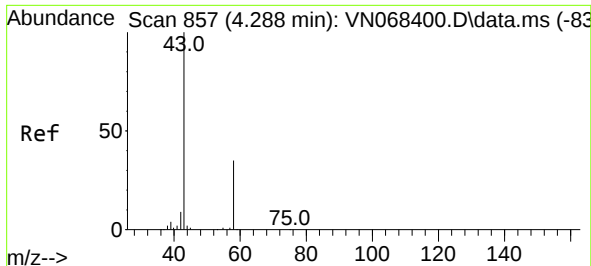
9/7/2021 4:39:23 PM



#14
Acrylonitrile
Concen: 93.575 ug/l
RT: 5.559 min Scan# 1331
Delta R.T. 0.003 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion: 53 Resp: 186880
Ion Ratio Lower Upper
53 100
52 82.4 41.8 125.4
51 36.5 18.1 54.3



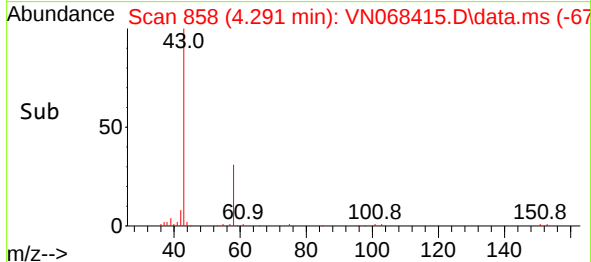
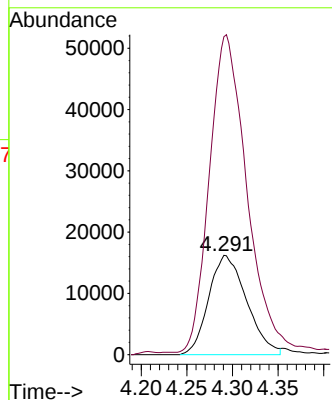
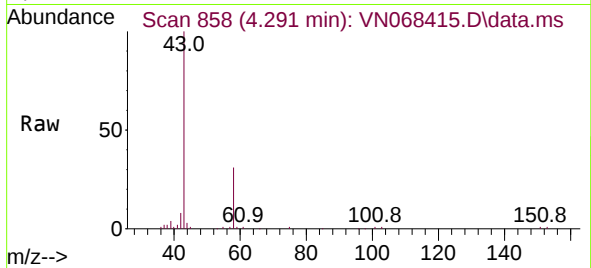


#15
Acetone
Concen: 79.862 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion: 58 Resp: 46878
Ion Ratio Lower Upper
58 100
43 317.1 289.6 434.4

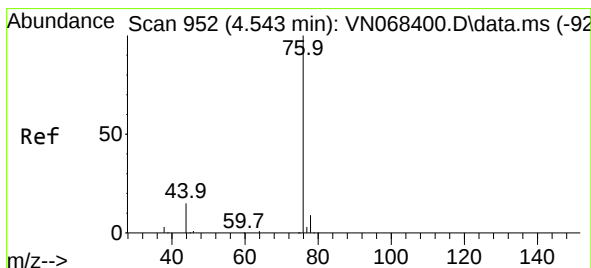
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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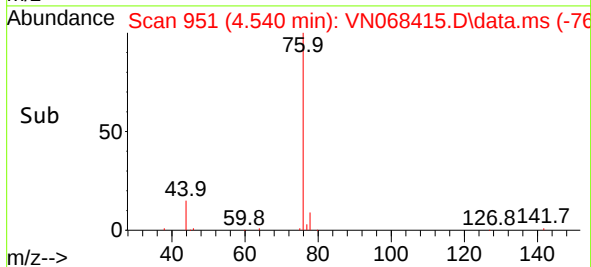
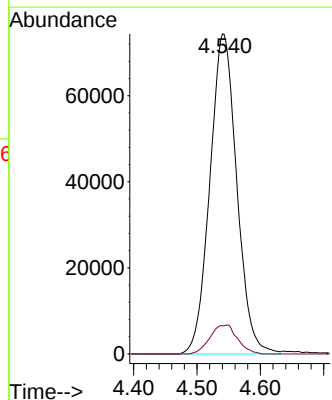
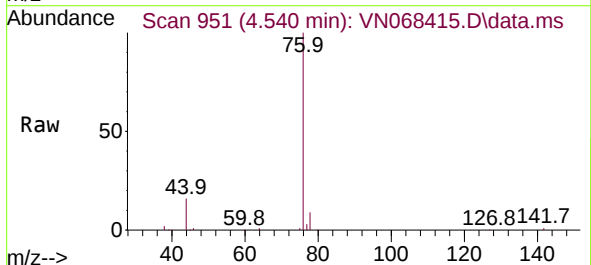
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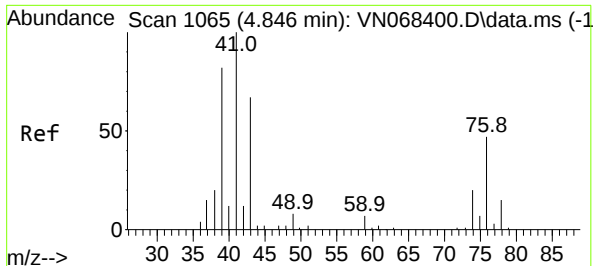
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#16
Carbon Disulfide
Concen: 17.159 ug/l
RT: 4.540 min Scan# 951
Delta R.T. -0.003 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

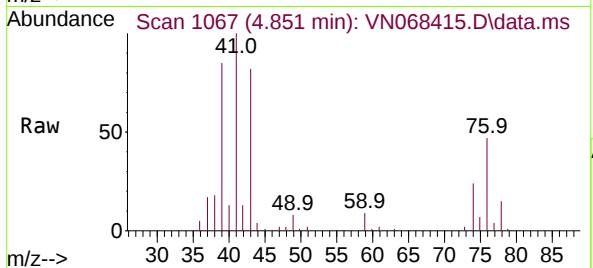
Tgt Ion: 76 Resp: 219405
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4





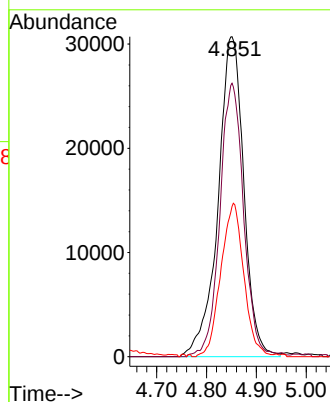
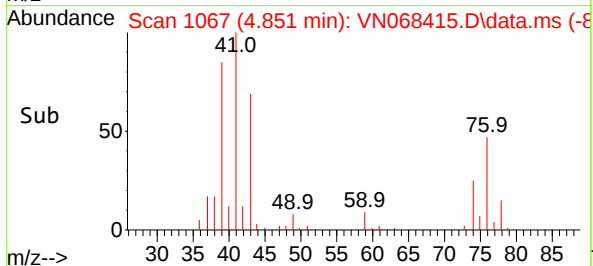
#17
Allyl chloride
Concen: 18.417 ug/l
RT: 4.851 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



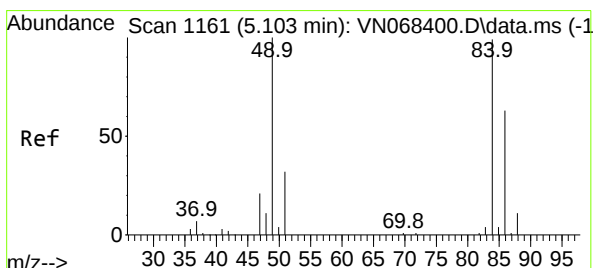
Tgt Ion: 41 Resp: 110388
Ion Ratio Lower Upper
41 100
39 85.5 39.8 119.4
76 46.9 16.8 50.4

Manual Integrations
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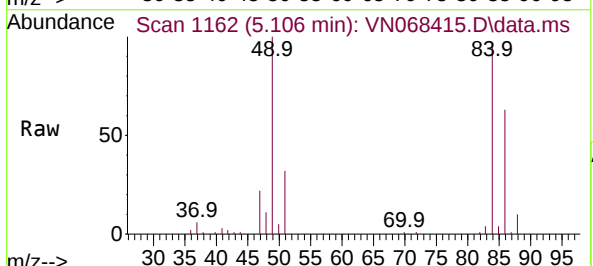


MMDadoda

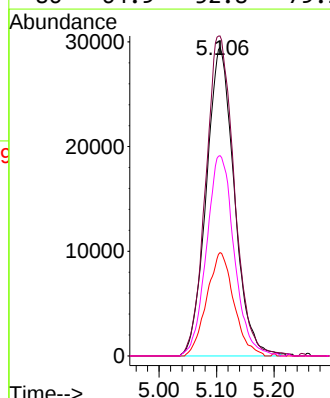
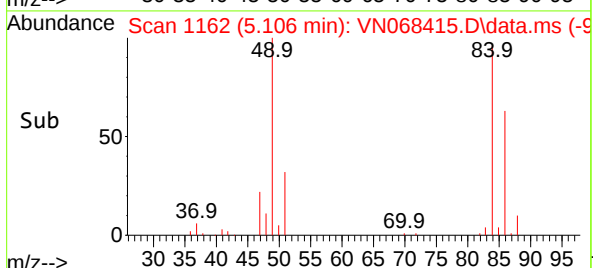
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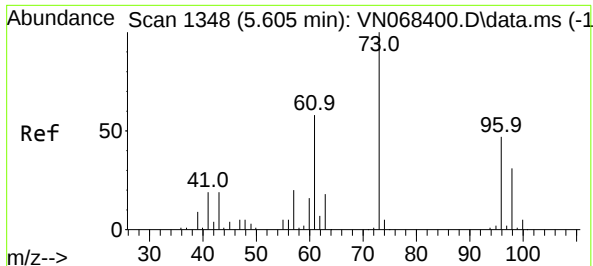


#18
Methylene Chloride
Concen: 18.560 ug/l
RT: 5.106 min Scan# 1162
Delta R.T. 0.003 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14



Tgt Ion: 84 Resp: 99396
Ion Ratio Lower Upper
84 100
49 103.7 110.9 166.3#
51 33.5 31.2 46.8
86 64.9 52.8 79.2





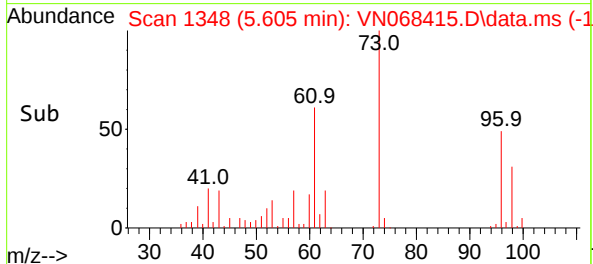
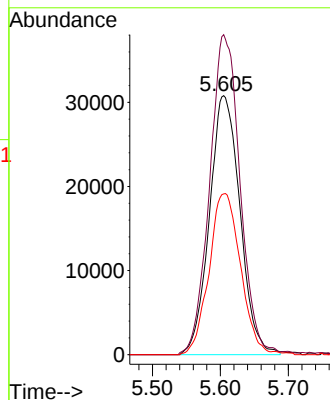
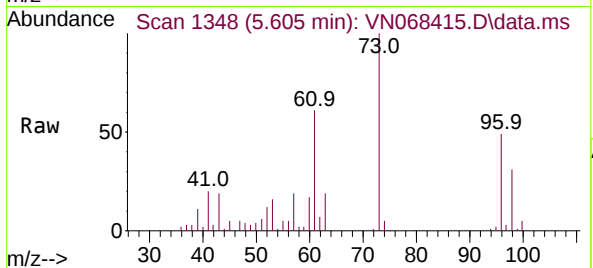
#19

trans-1,2-Dichloroethene
Concen: 17.661 ug/l
RT: 5.605 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion: 96 Resp: 96333
Ion Ratio Lower Upper
96 100
61 122.8 129.3 193.9#
98 62.1 48.0 72.0

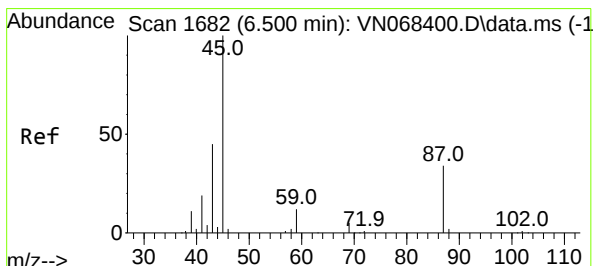
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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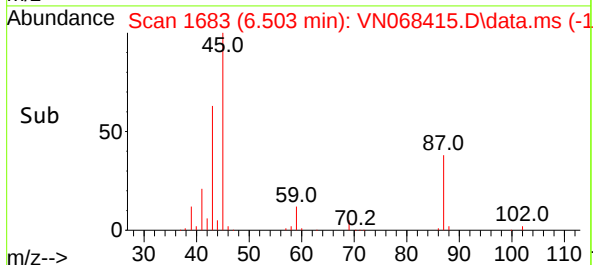
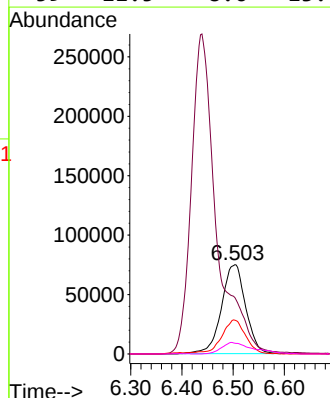
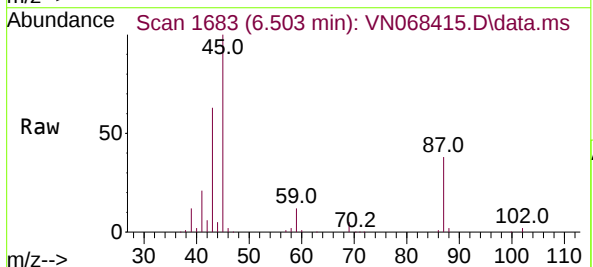
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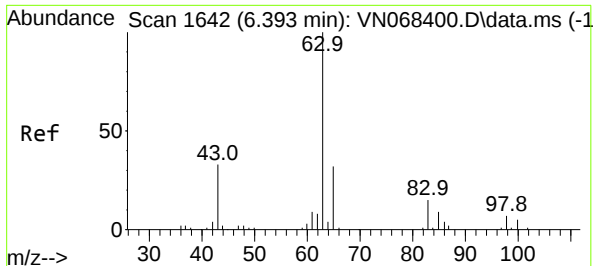


#20

Diisopropyl ether
Concen: 18.752 ug/l
RT: 6.503 min Scan# 1683
Delta R.T. 0.003 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion: 45 Resp: 245642
Ion Ratio Lower Upper
45 100
43 61.2 48.1 72.1
87 37.9 19.8 29.6#
59 11.5 8.6 13.0





#21

1,1-Dichloroethane

Concen: 18.563 ug/l

RT: 6.393 min Scan# 1642

Delta R.T. 0.000 min

Lab File: VN068415.D

Acq: 3 Sep 2021 18:14

Tgt Ion:	63	Resp:	160812
Ion	Ratio	Lower	Upper
63	100		
98	7.7	2.7	8.1
100	4.5	1.8	5.3

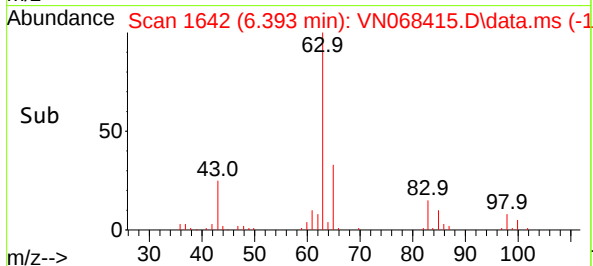
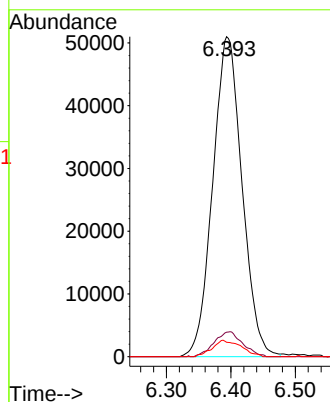
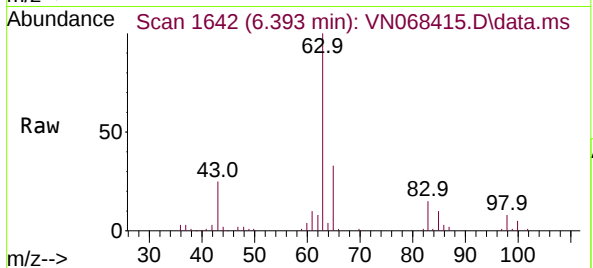
Instrument :

MSVOA_N

ClientSampleId :

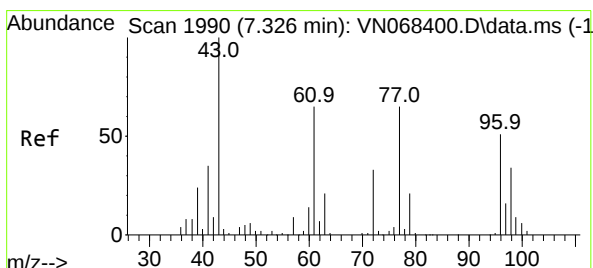
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#22

cis-1,2-Dichloroethene

Concen: 17.869 ug/l

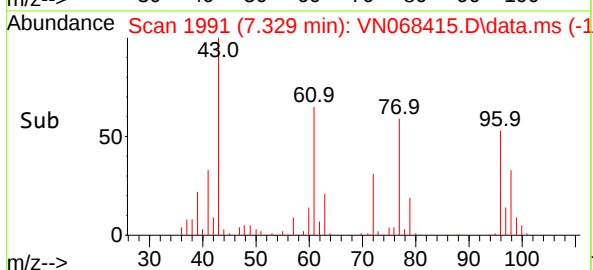
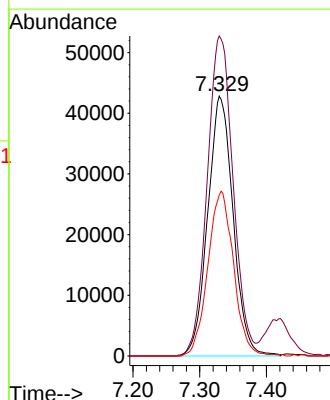
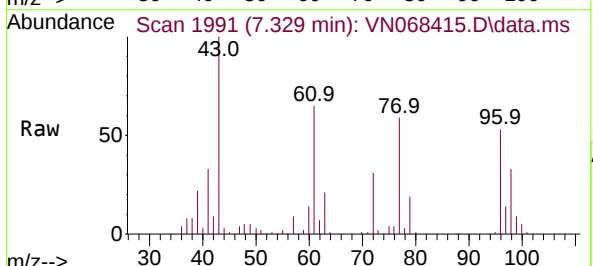
RT: 7.329 min Scan# 1991

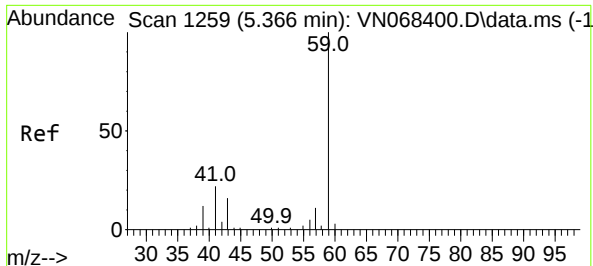
Delta R.T. 0.003 min

Lab File: VN068415.D

Acq: 3 Sep 2021 18:14

Tgt Ion:	96	Resp:	113252
Ion	Ratio	Lower	Upper
96	100		
61	125.9	131.2	196.8#
98	64.0	50.7	76.1





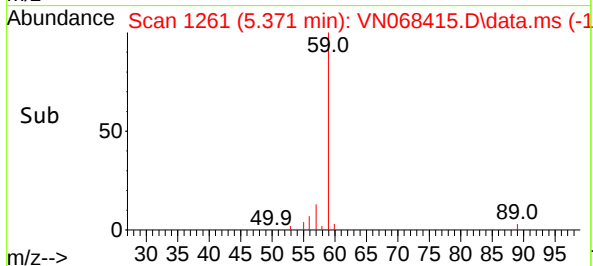
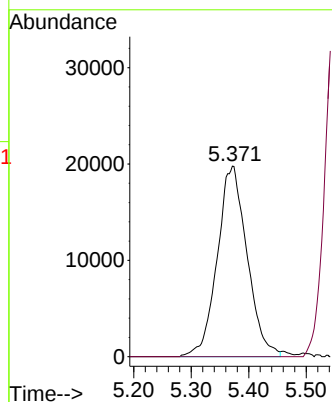
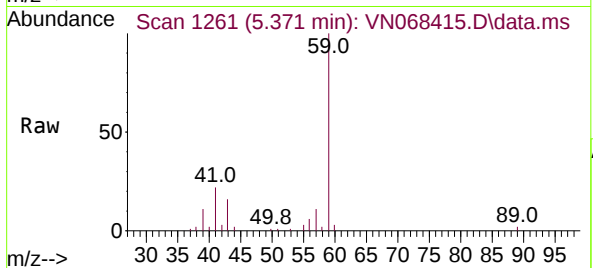
#23

tert-Butyl Alcohol
Concen: 97.210 ug/l
RT: 5.371 min Scan# 1261
Delta R.T. 0.005 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion: 59 Resp: 71257
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#

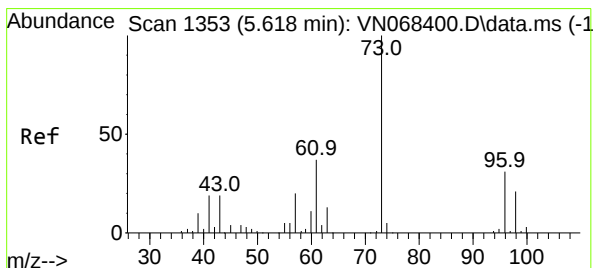
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020EC

Manual Integrations
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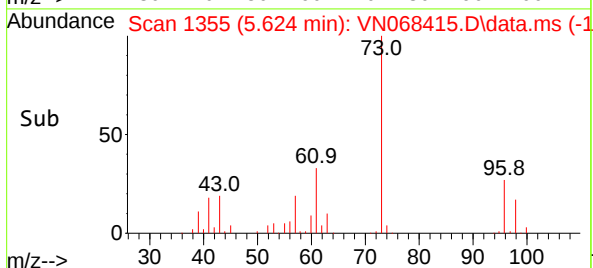
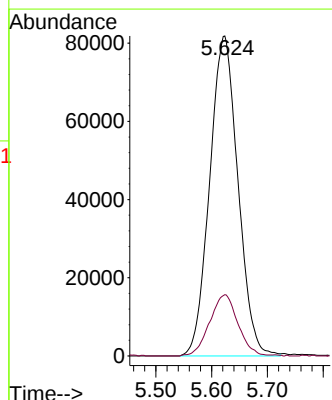
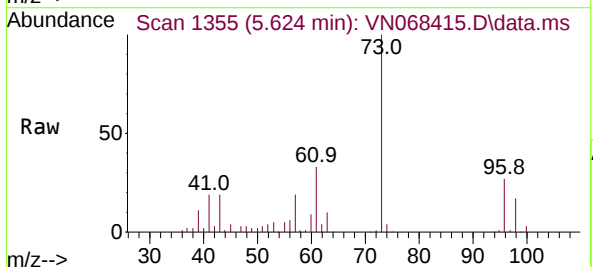
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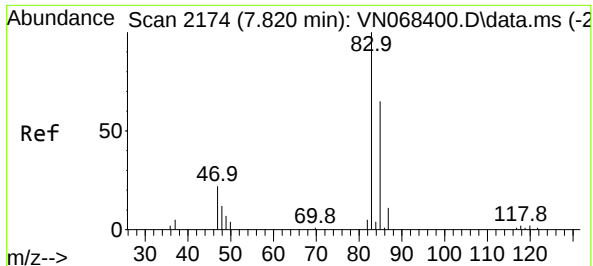


#24

Methyl tert-Butyl Ether
Concen: 18.141 ug/l
RT: 5.624 min Scan# 1355
Delta R.T. 0.005 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion: 73 Resp: 288400
Ion Ratio Lower Upper
73 100
43 19.1 20.0 30.0#



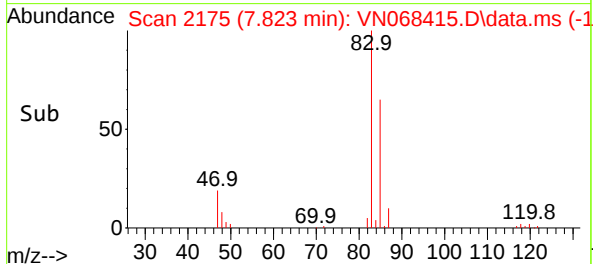
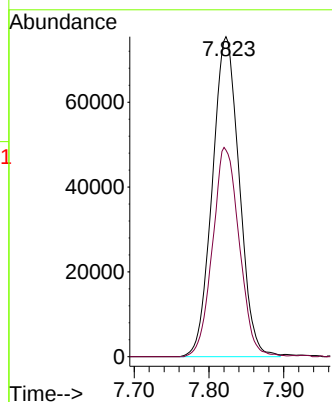
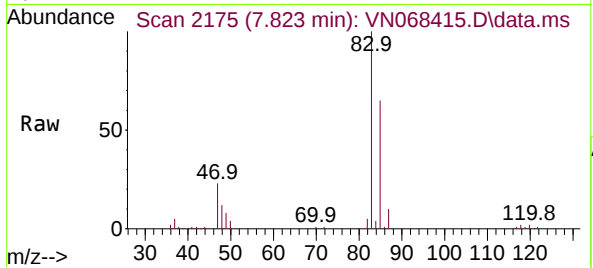


#25
Chloroform
Concen: 18.547 ug/l
RT: 7.823 min Scan# 2175
Delta R.T. 0.003 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

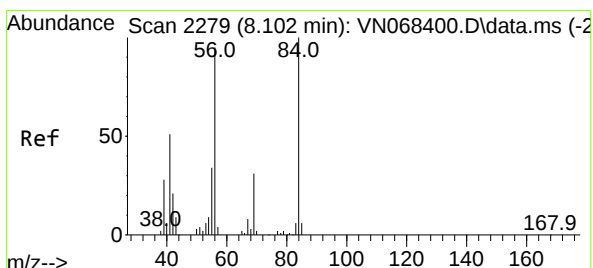
Tgt Ion: 83 Resp: 188712
Ion Ratio Lower Upper
83 100
85 64.6 51.5 77.3

Manual Integrations
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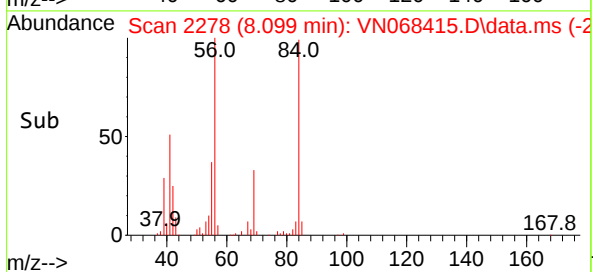
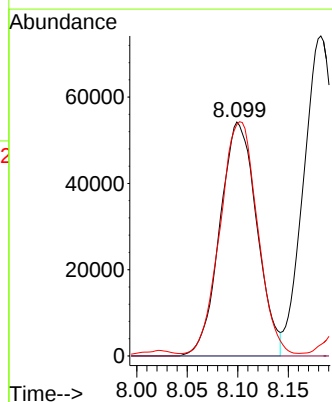
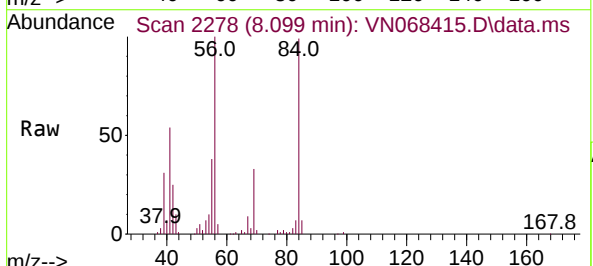
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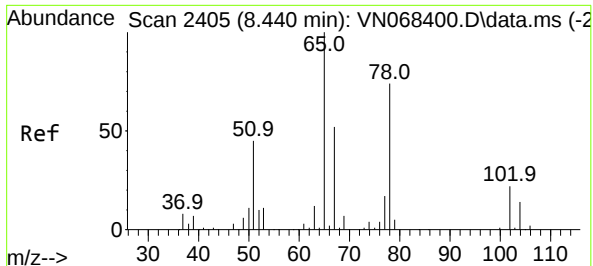
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#26
Cyclohexane
Concen: 18.197 ug/l
RT: 8.099 min Scan# 2278
Delta R.T. -0.003 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion: 56 Resp: 138087
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 99.8 66.2 99.2#





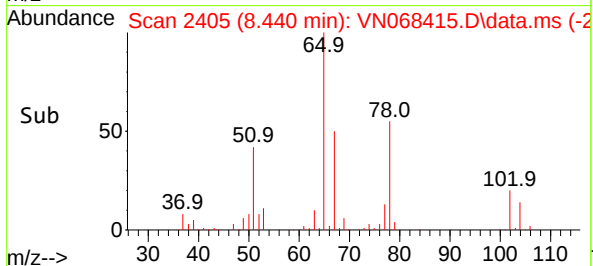
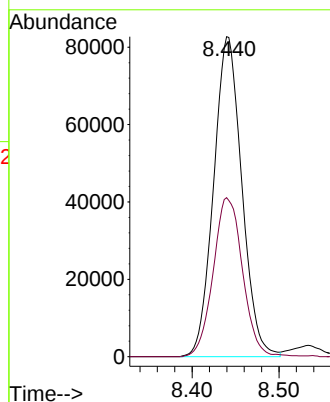
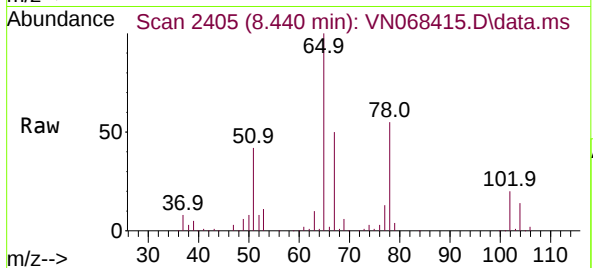
#27

1,2-Dichloroethane-d4
Concen: 32.058 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion: 65 Resp: 186449
Ion Ratio Lower Upper
65 100
67 51.4 39.8 59.8

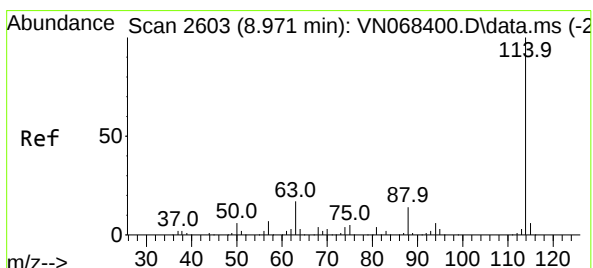
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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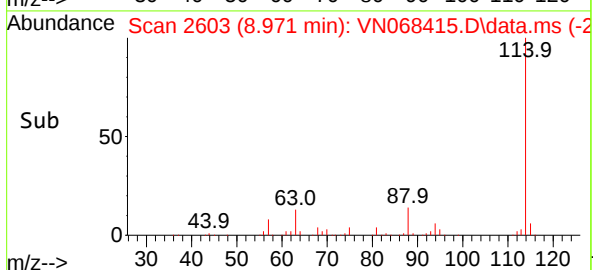
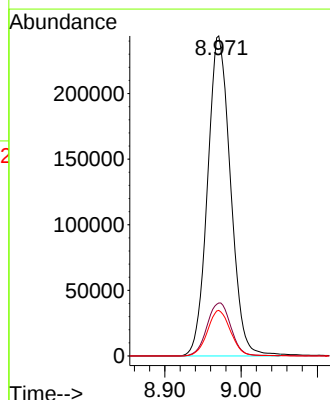
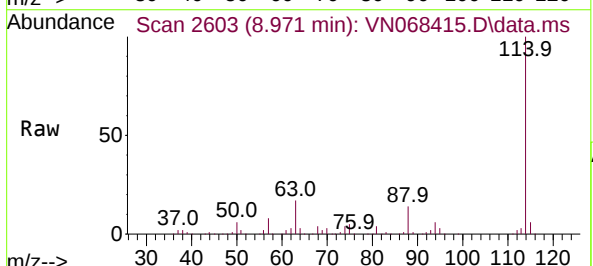
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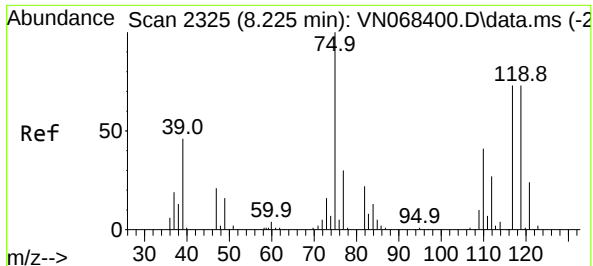


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion: 114 Resp: 510003
Ion Ratio Lower Upper
114 100
63 17.2 20.3 30.5#
88 14.3 14.6 22.0#





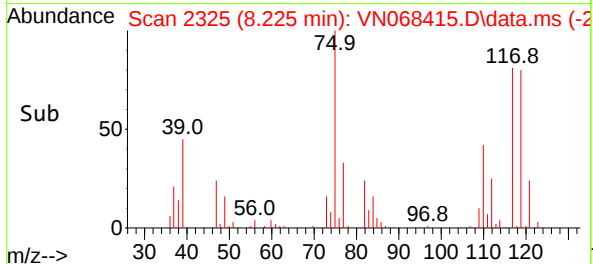
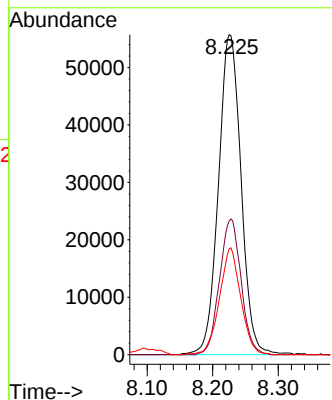
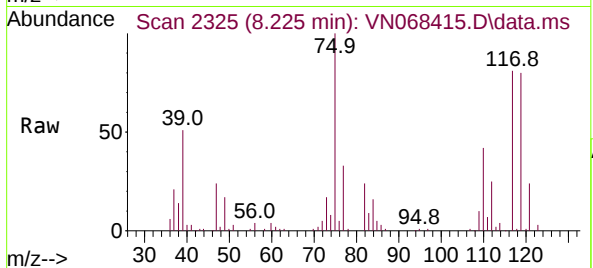
#29

1,1-Dichloropropene
Concen: 18.240 ug/l
RT: 8.225 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

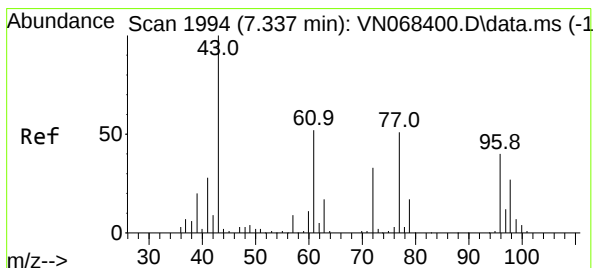
Tgt Ion: 75 Resp: 133450
Ion Ratio Lower Upper
75 100
110 40.3 0.0 63.4
77 31.4 0.0 63.0

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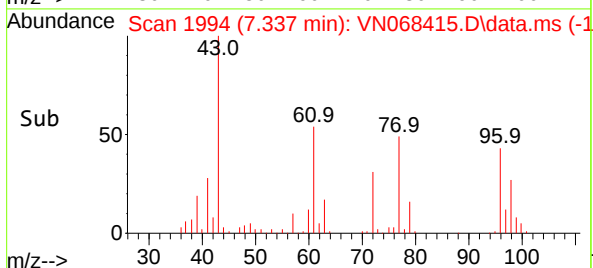
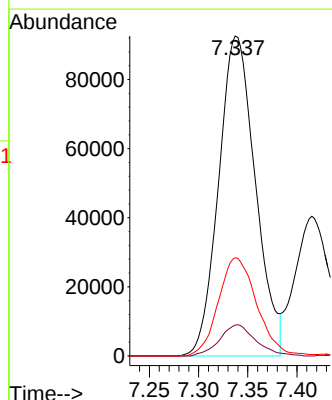
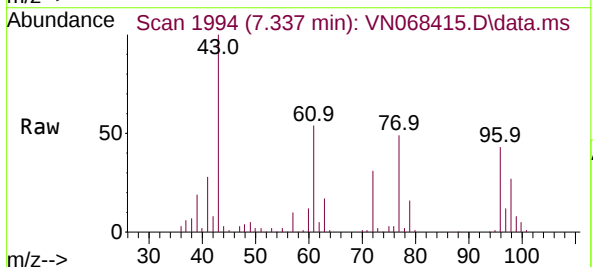
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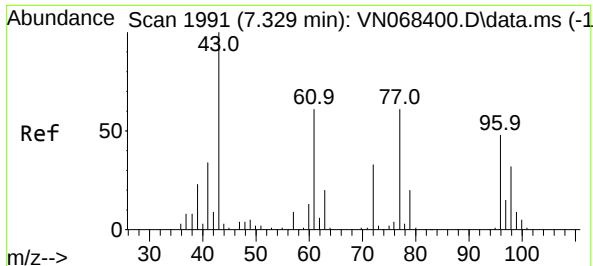


#30

2-Butanone
Concen: 92.001 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion: 43 Resp: 240831
Ion Ratio Lower Upper
43 100
57 9.6 6.9 10.3
72 32.1 20.0 30.0#



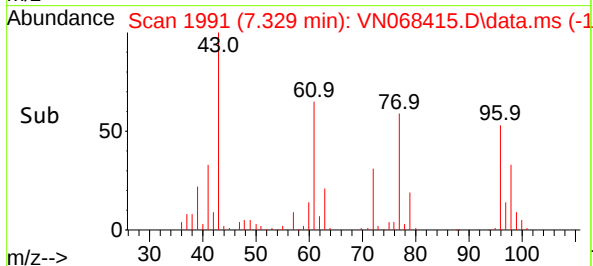
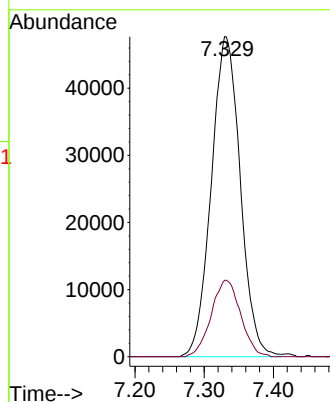
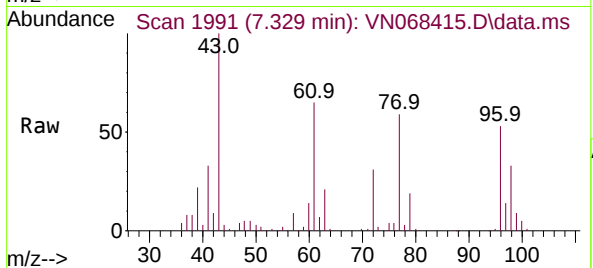


#31
2,2-Dichloropropane
Concen: 16.621 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion: 77 Resp: 138485
Ion Ratio Lower Upper
77 100
97 24.3 16.3 24.5

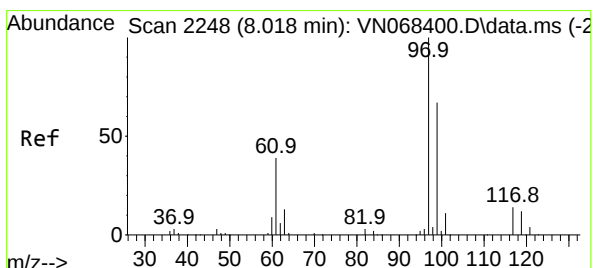
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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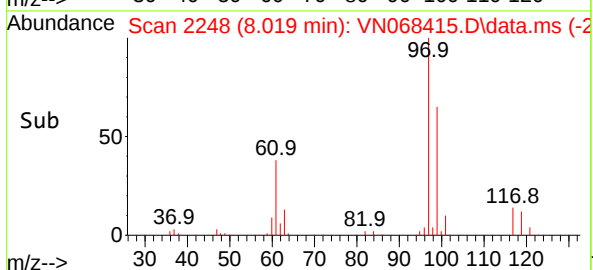
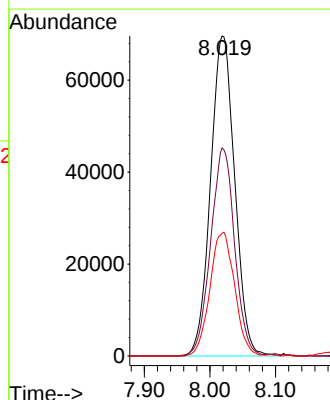
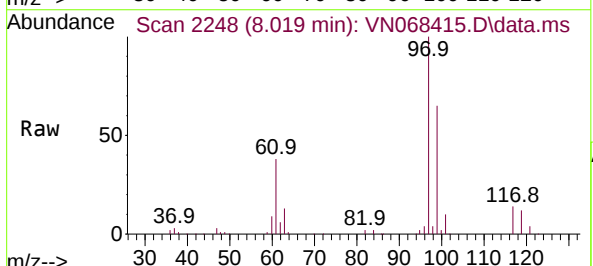
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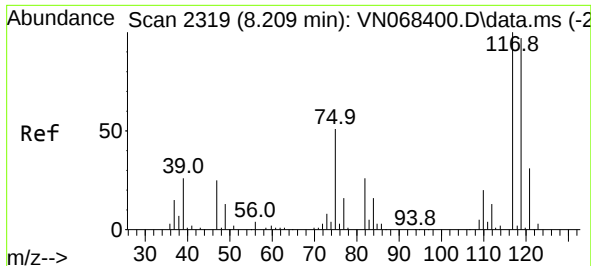
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#32
1,1,1-Trichloroethane
Concen: 18.575 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion: 97 Resp: 178494
Ion Ratio Lower Upper
97 100
99 64.3 49.7 74.5
61 39.5 38.0 57.0



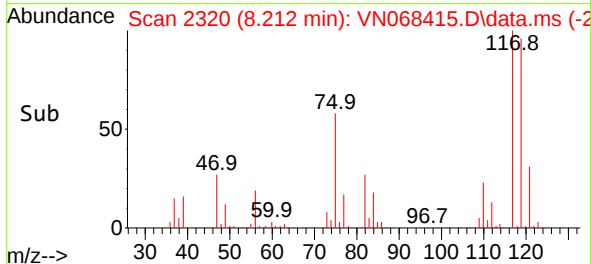
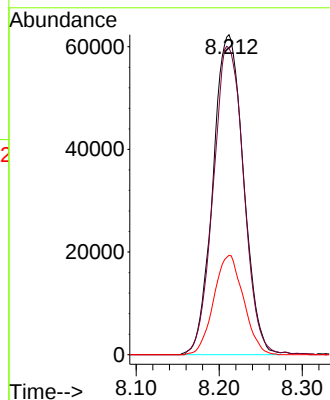
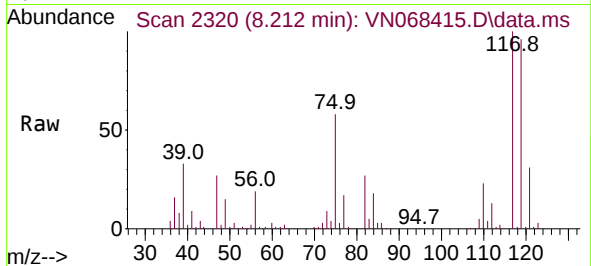


#33
Carbon Tetrachloride
Concen: 17.937 ug/l
RT: 8.212 min Scan# 2320
Delta R.T. 0.003 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion:117 Resp: 159257
Ion Ratio Lower Upper
117 100
119 95.9 73.3 109.9
121 31.0 24.2 36.4

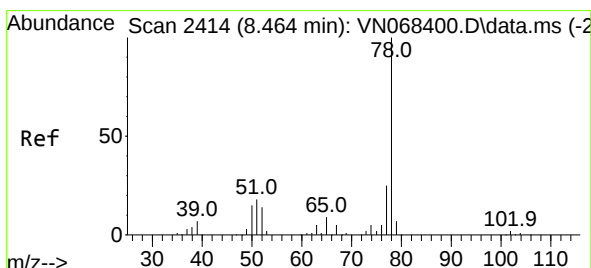
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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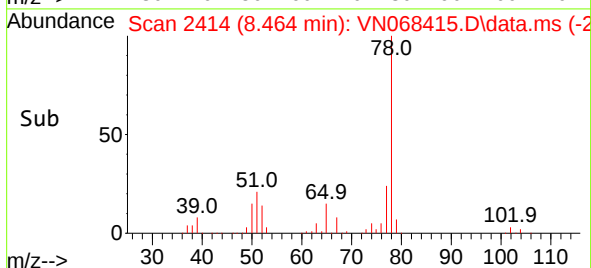
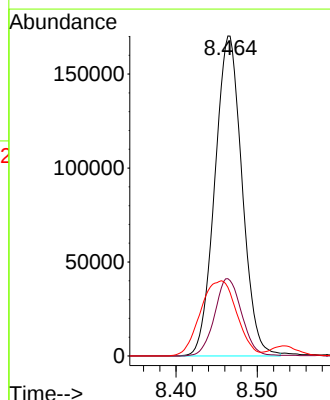
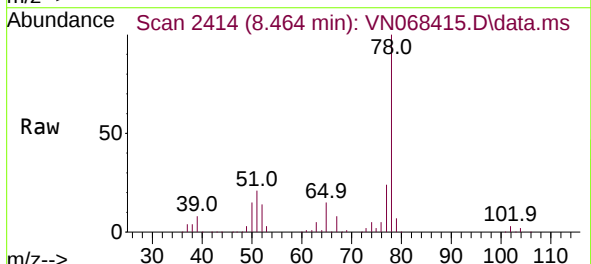
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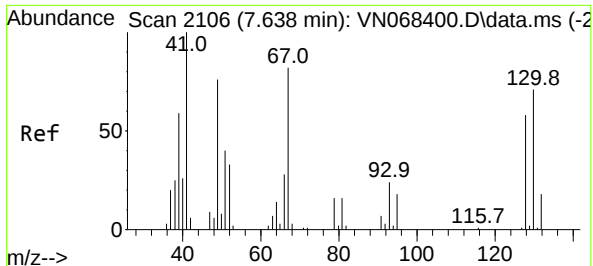
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#34
Benzene
Concen: 18.301 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion: 78 Resp: 395779
Ion Ratio Lower Upper
78 100
77 24.2 18.6 28.0
51 20.6 20.0 30.0





#35

Methacrylonitrile

Concen: 17.457 ug/l

RT: 7.638 min Scan# 2106

Delta R.T. 0.000 min

Lab File: VN068415.D

Acq: 3 Sep 2021 18:14

Tgt Ion: 41 Resp: 44643

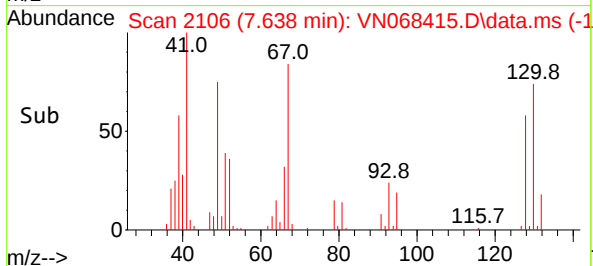
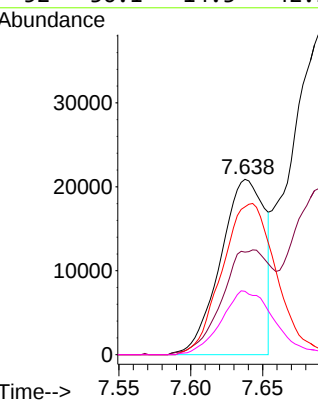
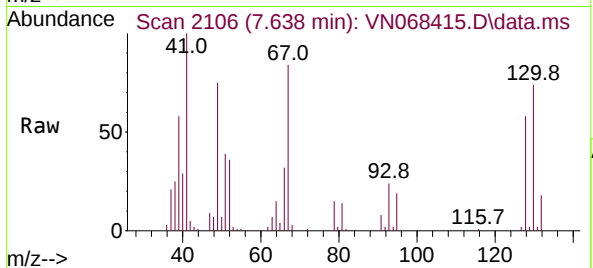
Ion Ratio Lower Upper

41 100

39 58.5 30.3 90.9

67 84.3 32.1 96.3

52 36.1 14.3 42.9



Instrument :

MSVOA_N

ClientSampleId :

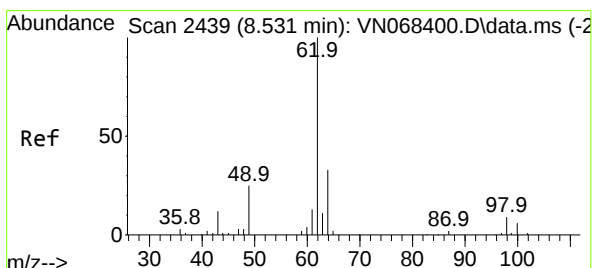
VSTDCCC020EC

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#36

1,2-Dichloroethane

Concen: 19.329 ug/l

RT: 8.533 min Scan# 2440

Delta R.T. 0.003 min

Lab File: VN068415.D

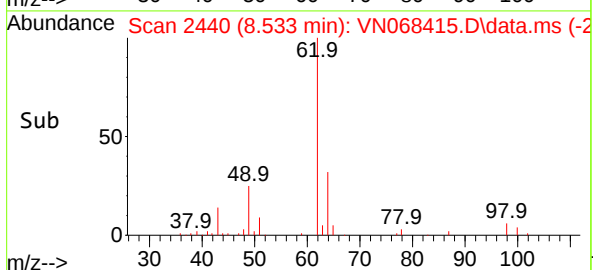
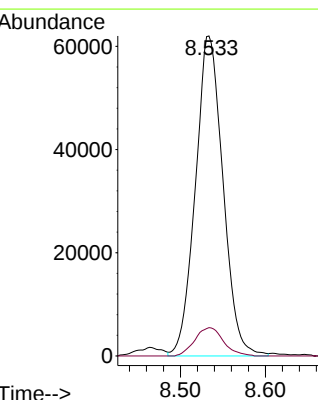
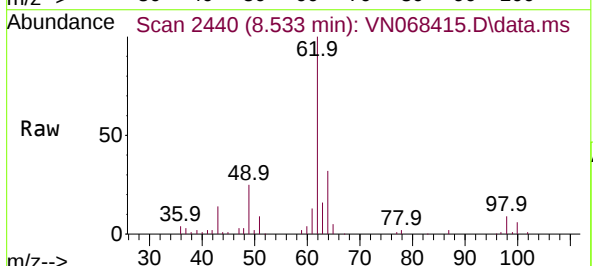
Acq: 3 Sep 2021 18:14

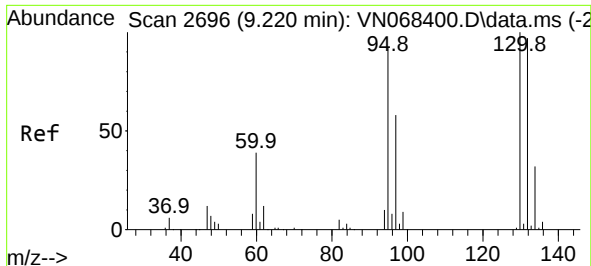
Tgt Ion: 62 Resp: 139964

Ion Ratio Lower Upper

62 100

98 9.2 6.0 9.0#



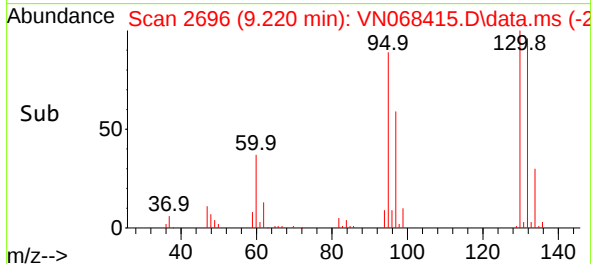
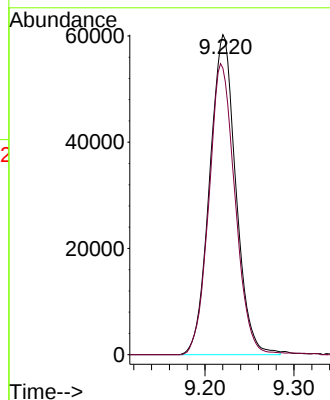
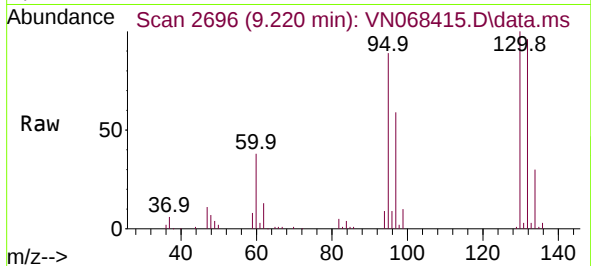


#37
Trichloroethene
Concen: 17.828 ug/l
RT: 9.220 min Scan# 2696
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion:130 Resp: 123244
Ion Ratio Lower Upper
130 100
95 89.5 92.2 138.2#

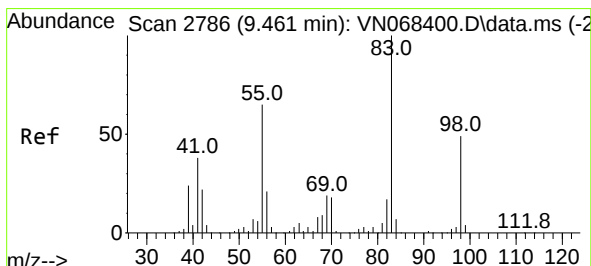
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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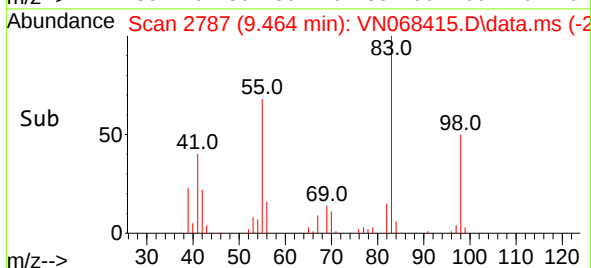
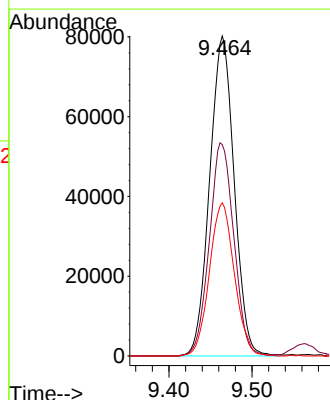
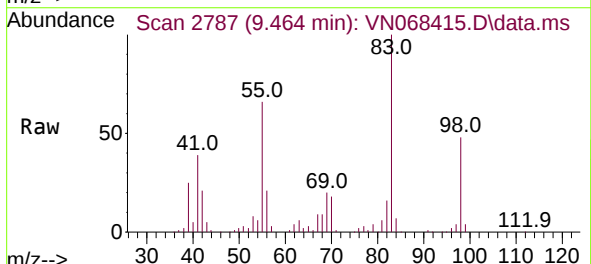
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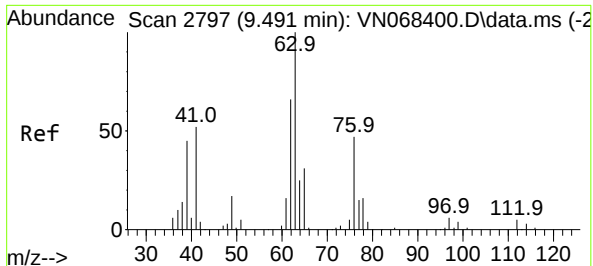
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#38
Methylcyclohexane
Concen: 17.334 ug/l
RT: 9.464 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion: 83 Resp: 164632
Ion Ratio Lower Upper
83 100
55 66.7 41.5 124.6
98 48.8 22.4 67.0





#39

1,2-Dichloropropane

Concen: 18.352 ug/l

RT: 9.491 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VN068415.D

Acq: 3 Sep 2021 18:14

Tgt Ion: 63 Resp: 94091

Ion Ratio Lower Upper

63 100

65 32.8 24.5 36.7

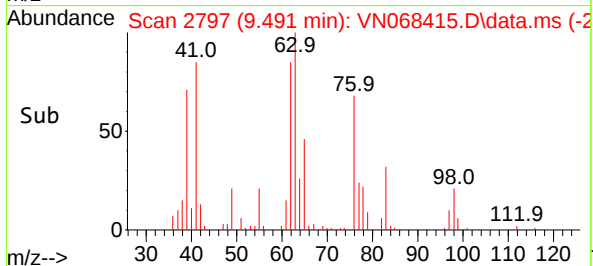
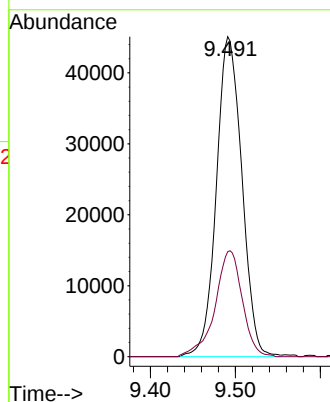
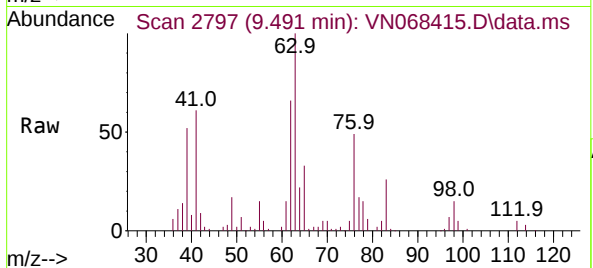
Instrument :

MSVOA_N

ClientSampleId :

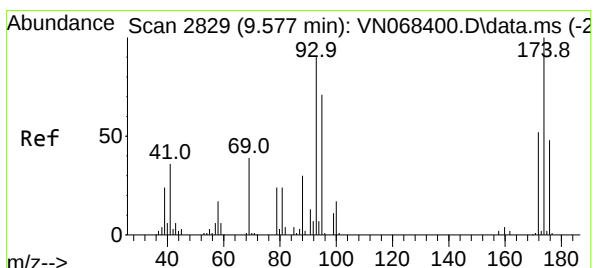
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#40

Dibromomethane

Concen: 18.411 ug/l

RT: 9.579 min Scan# 2830

Delta R.T. 0.003 min

Lab File: VN068415.D

Acq: 3 Sep 2021 18:14

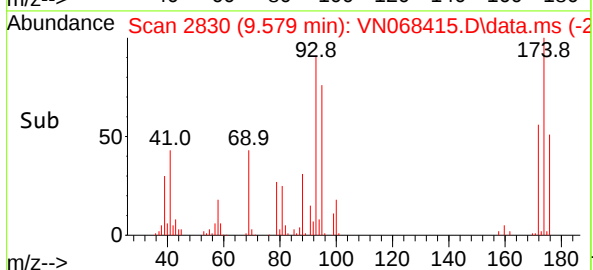
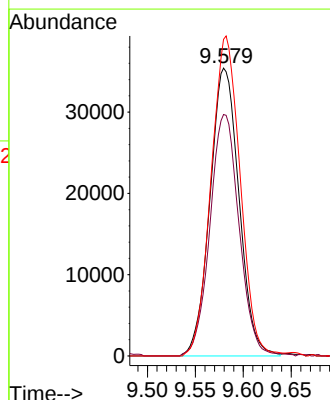
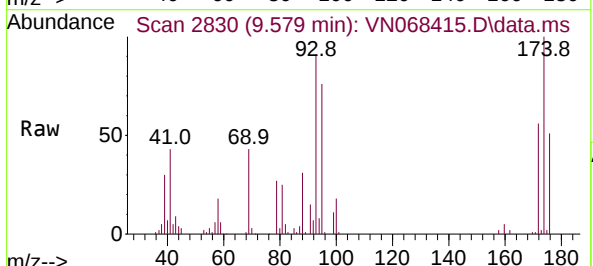
Tgt Ion: 93 Resp: 74697

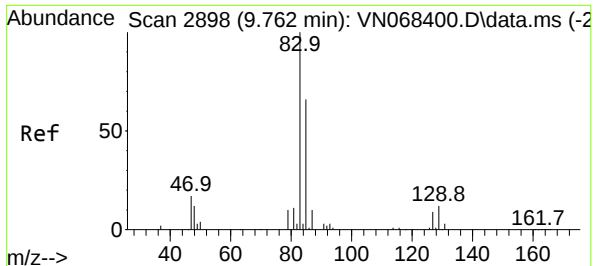
Ion Ratio Lower Upper

93 100

95 84.1 0.0 167.6

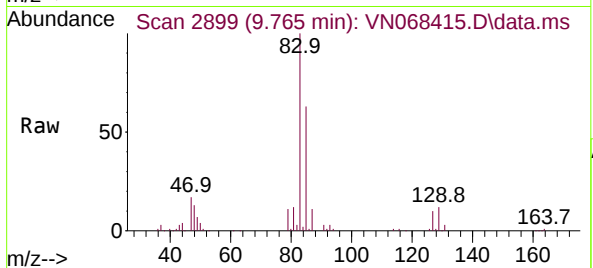
174 111.0 0.0 148.4





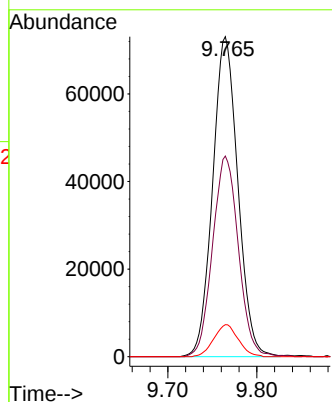
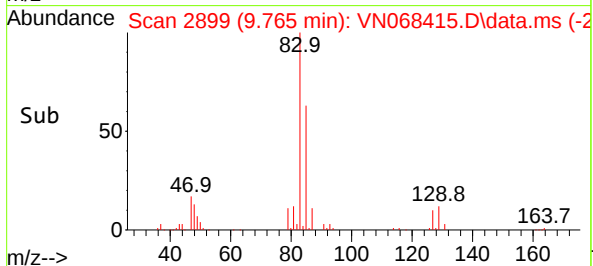
#41
Bromodichloromethane
Concen: 18.381 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. 0.003 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



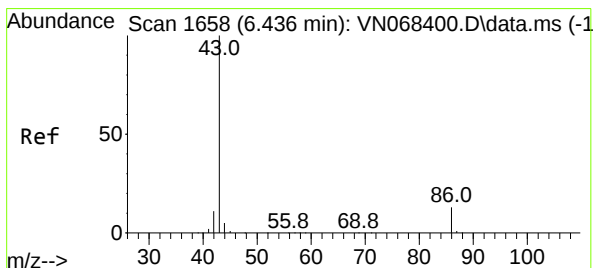
Tgt Ion: 83 Resp: 144077
Ion Ratio Lower Upper
83 100
85 62.7 51.2 76.8
127 10.0 6.6 9.8#

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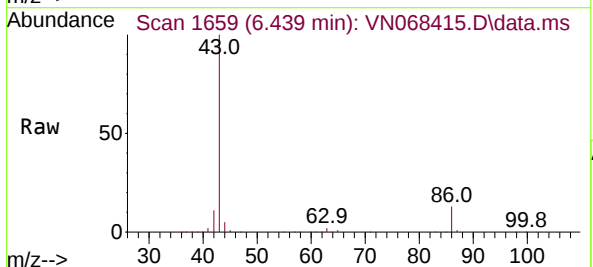


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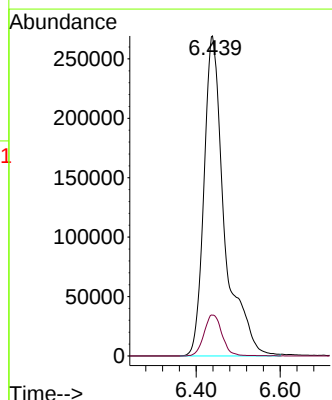
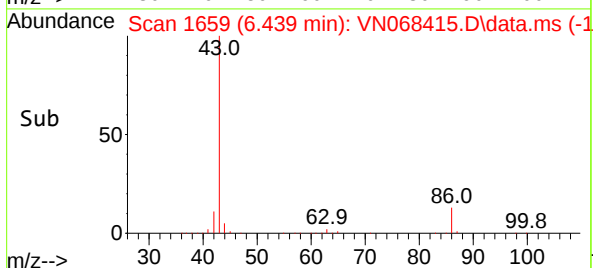
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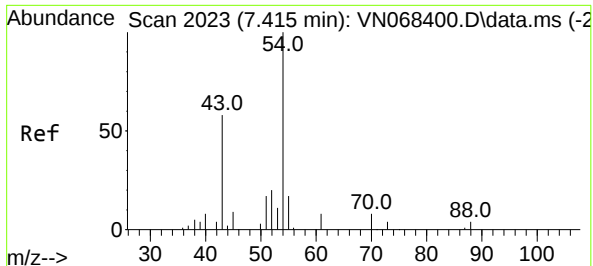


#42
Vinyl Acetate
Concen: 92.260 ug/l
RT: 6.439 min Scan# 1659
Delta R.T. 0.003 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14



Tgt Ion: 43 Resp: 913421
Ion Ratio Lower Upper
43 100
86 11.2 6.4 9.6#





#43

Ethyl Acetate

Concen: 20.813 ug/l m

RT: 7.415 min Scan# 2023

Delta R.T. 0.000 min

Lab File: VN068415.D

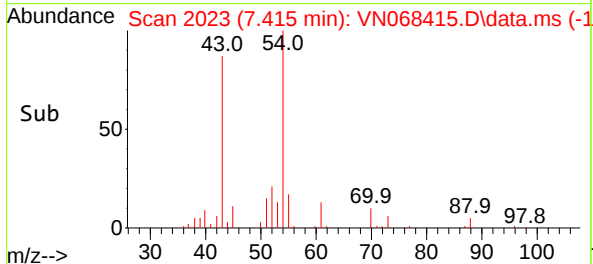
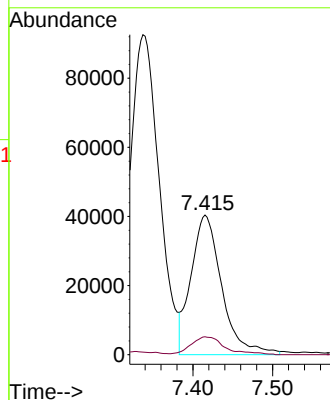
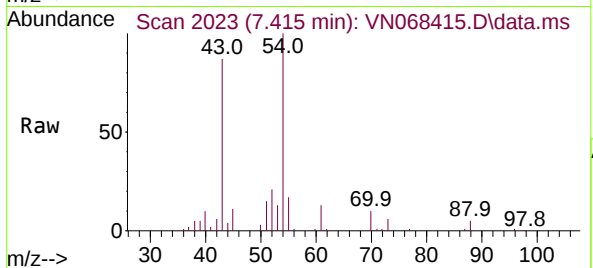
Acq: 3 Sep 2021 18:14

Tgt Ion: 43 Resp: 108338

Ion Ratio Lower Upper

43 100

45 0.4 1.0 1.6#



Instrument :

MSVOA_N

ClientSampleId :

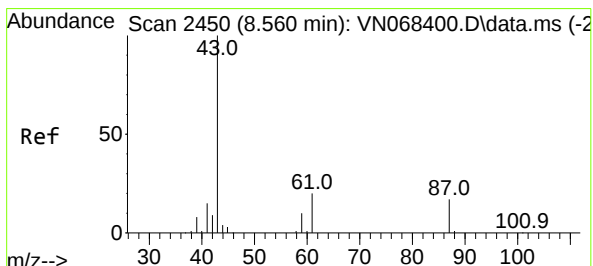
VSTDCCC020EC

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#44

Isopropyl Acetate

Concen: 18.767 ug/l

RT: 8.563 min Scan# 2451

Delta R.T. 0.003 min

Lab File: VN068415.D

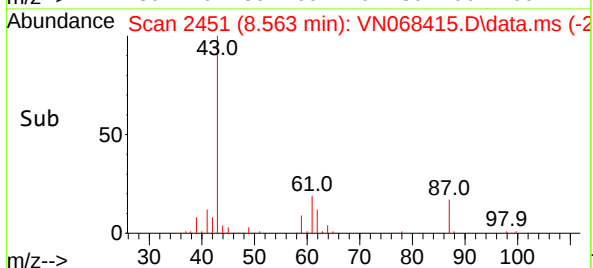
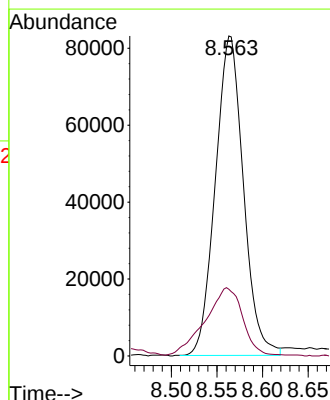
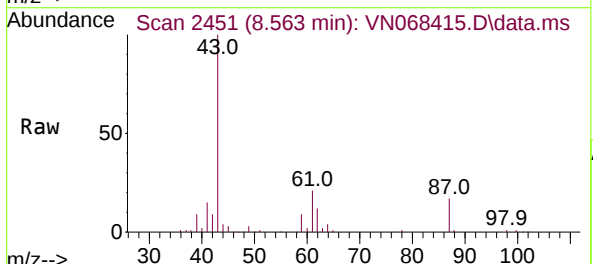
Acq: 3 Sep 2021 18:14

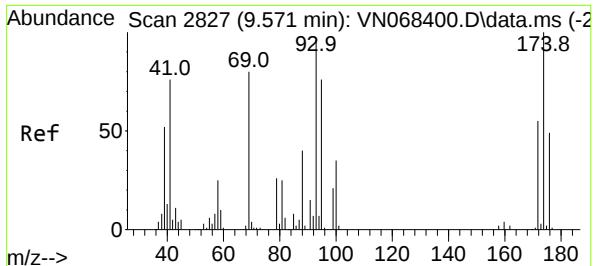
Tgt Ion: 43 Resp: 177473

Ion Ratio Lower Upper

43 100

61 27.9 19.0 28.6



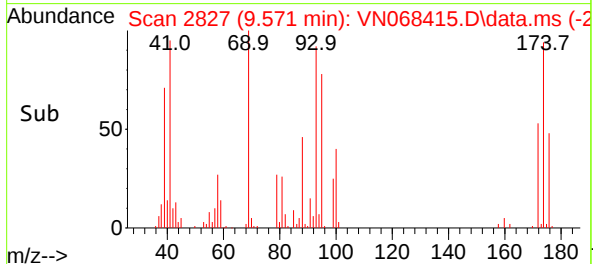
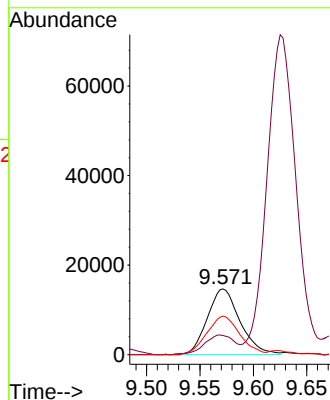
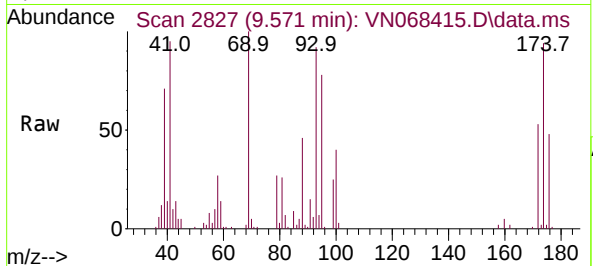


#45
1,4-Dioxane
Concen: 370.133 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion: 88 Resp: 31288
Ion Ratio Lower Upper
88 100
43 27.4 18.0 27.0#
58 58.8 57.7 86.5

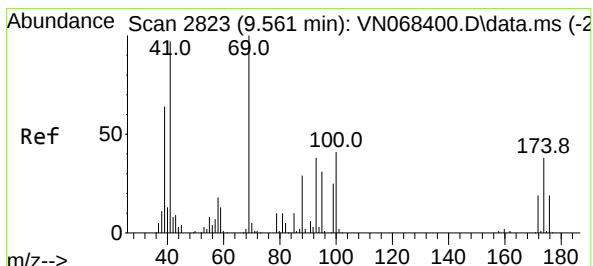
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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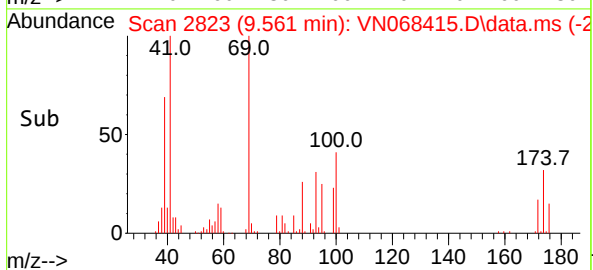
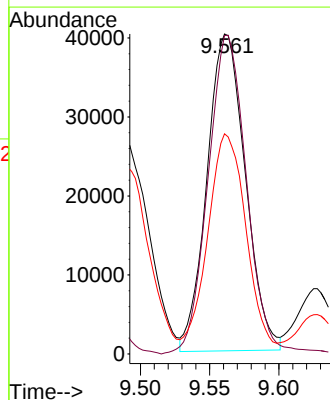
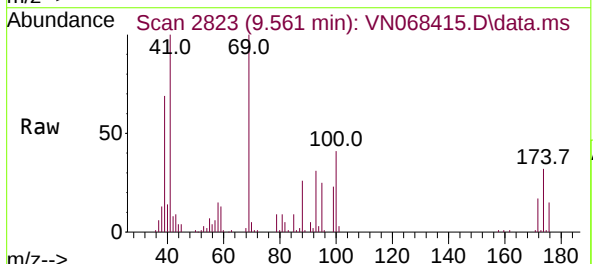
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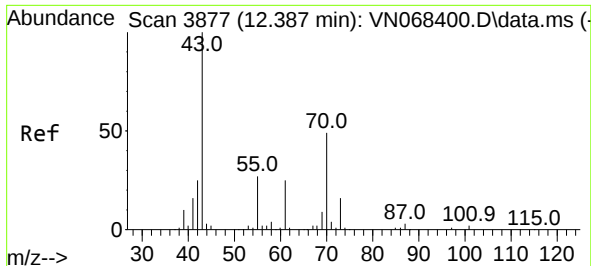
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#46
Methyl methacrylate
Concen: 19.347 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion: 41 Resp: 77353
Ion Ratio Lower Upper
41 100
69 102.3 38.0 114.1
39 68.7 33.9 101.7



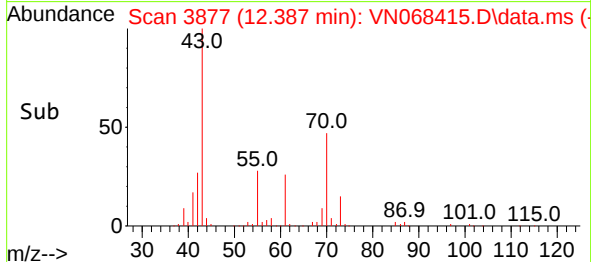
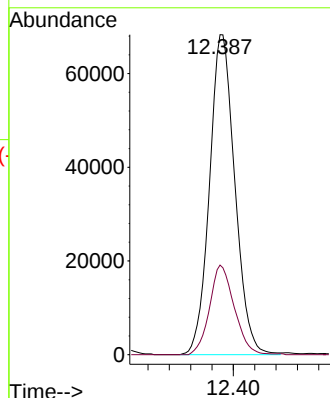
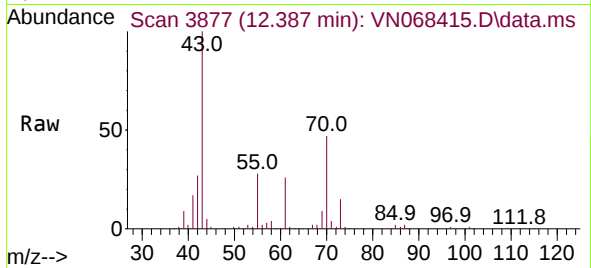


#47
n-amy1 Acetate
Concen: 17.410 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion: 43 Resp: 112646
Ion Ratio Lower Upper
43 100
55 27.2 17.6 26.4#

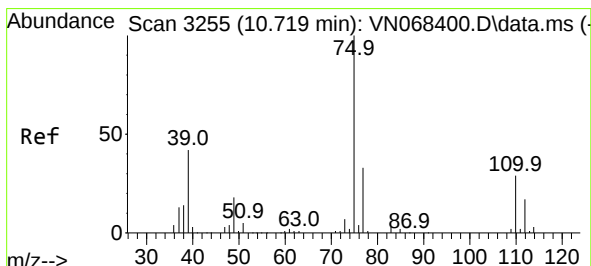
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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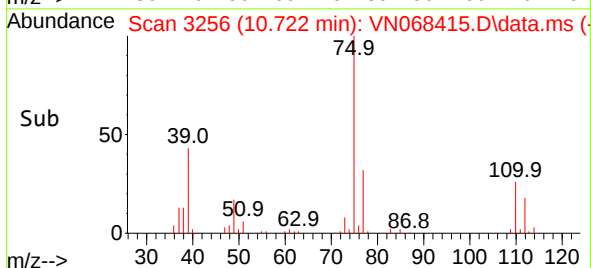
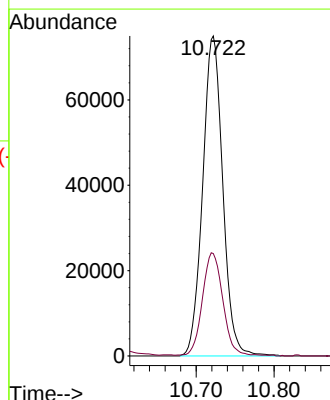
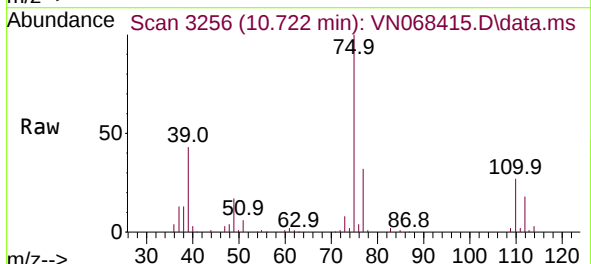
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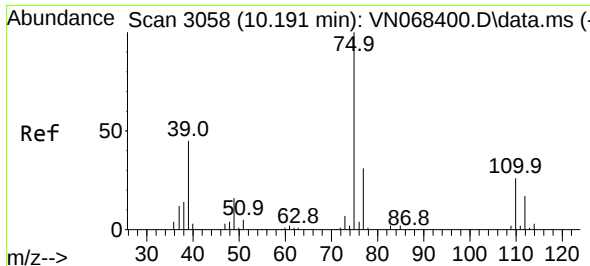
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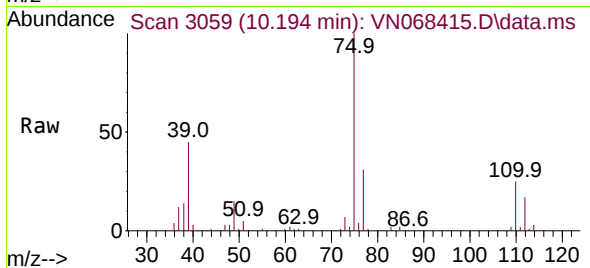
#48
t-1,3-Dichloropropene
Concen: 17.474 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion: 75 Resp: 134798
Ion Ratio Lower Upper
75 100
77 32.0 24.6 37.0

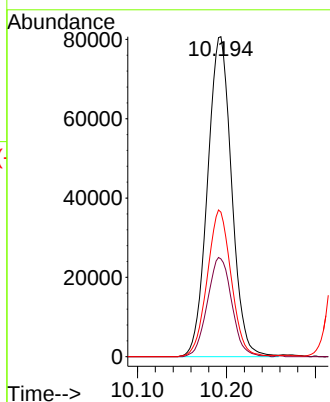
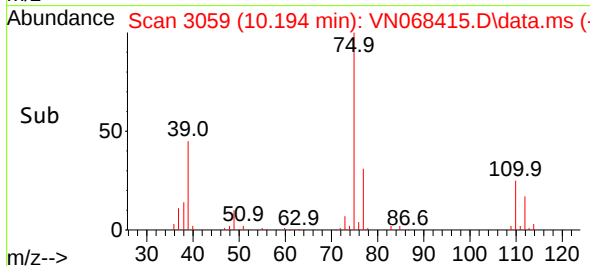




#49
 cis-1,3-Dichloropropene
 Concen: 17.816 ug/l
 RT: 10.194 min Scan# 3059
 Delta R.T. 0.003 min
 Lab File: VN068415.D
 Acq: 3 Sep 2021 18:14



Tgt Ion: 75 Resp: 151585
 Ion Ratio Lower Upper
 75 100
 77 30.6 26.0 39.0
 39 45.2 50.6 76.0#

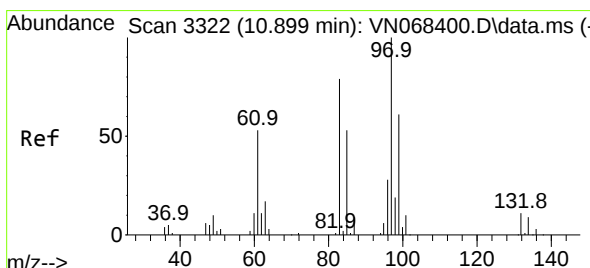


Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

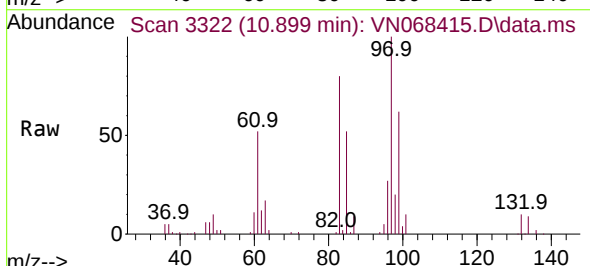
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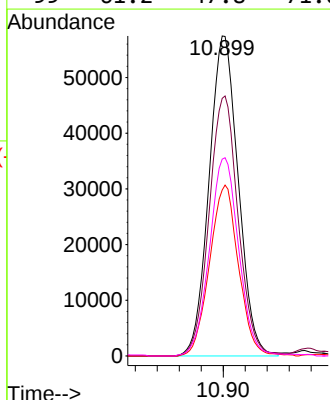
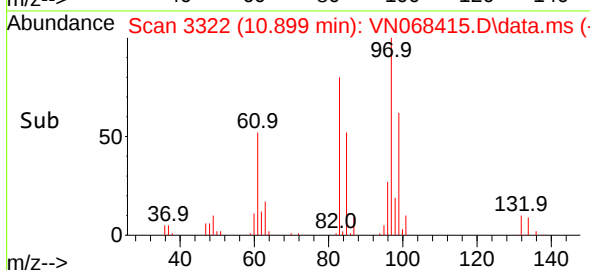
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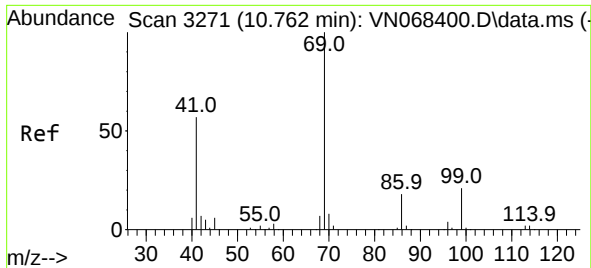


#50
 1,1,2-Trichloroethane
 Concen: 18.516 ug/l
 RT: 10.899 min Scan# 3322
 Delta R.T. 0.000 min
 Lab File: VN068415.D
 Acq: 3 Sep 2021 18:14



Tgt Ion: 97 Resp: 105975
 Ion Ratio Lower Upper
 97 100
 83 80.2 69.6 104.4
 85 51.8 45.2 67.8
 99 61.2 47.8 71.6



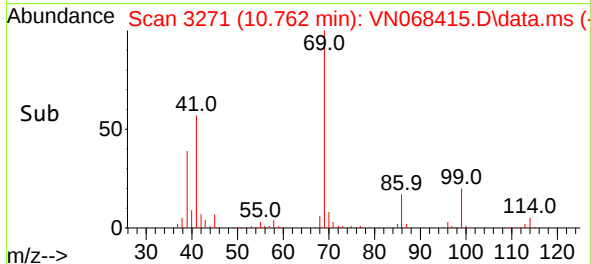
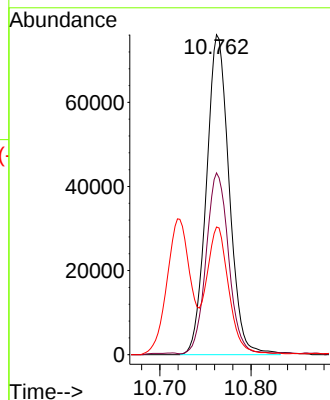
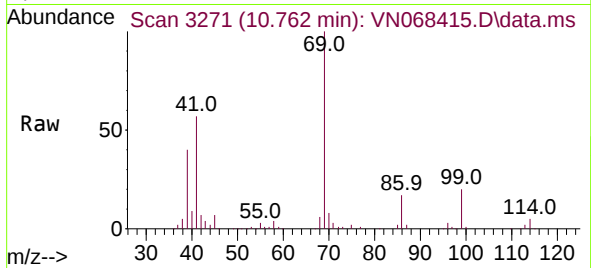


#51
Ethyl methacrylate
Concen: 17.950 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion: 69 Resp: 132089
Ion Ratio Lower Upper
69 100
41 56.5 36.8 110.4
39 39.5 23.8 71.2

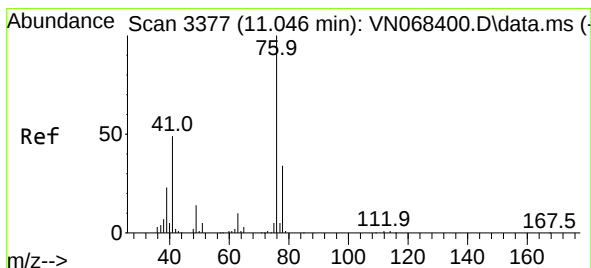
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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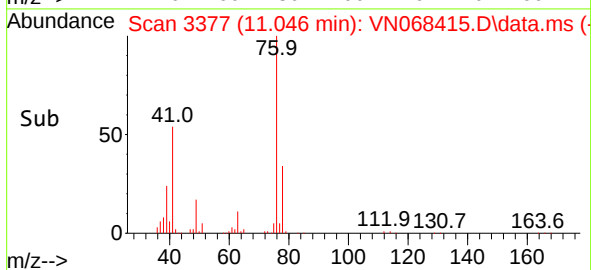
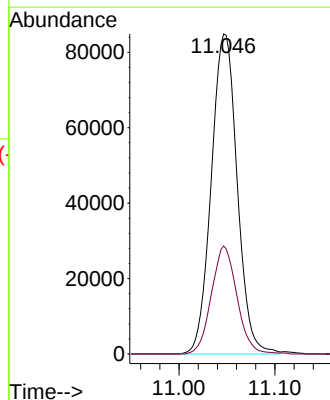
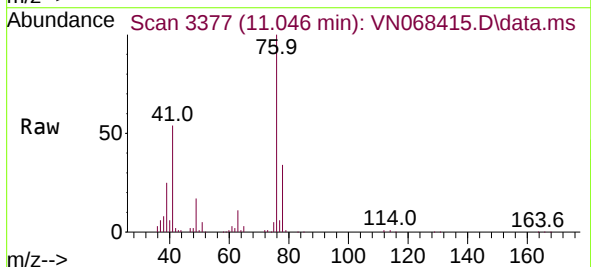
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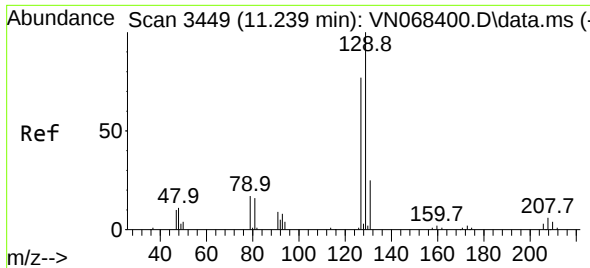
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#52
1,3-Dichloropropane
Concen: 18.427 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion: 76 Resp: 159236
Ion Ratio Lower Upper
76 100
78 33.2 0.0 64.0



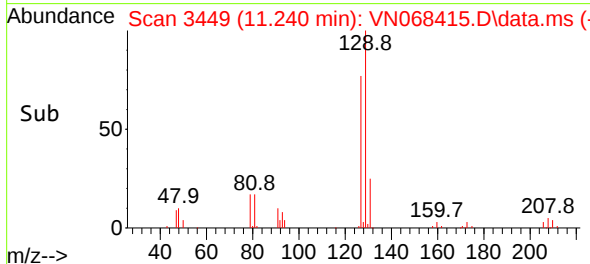
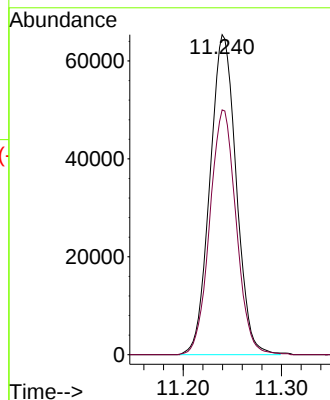
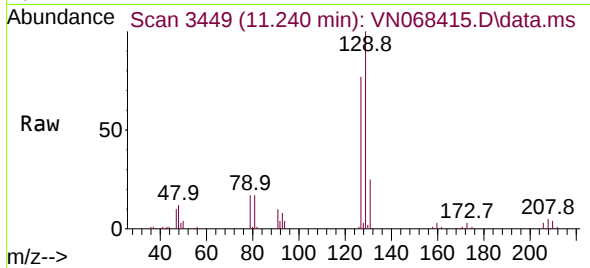


#53
Dibromochloromethane
Concen: 17.591 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion:129 Resp: 121340
Ion Ratio Lower Upper
129 100
127 76.8 38.8 116.4

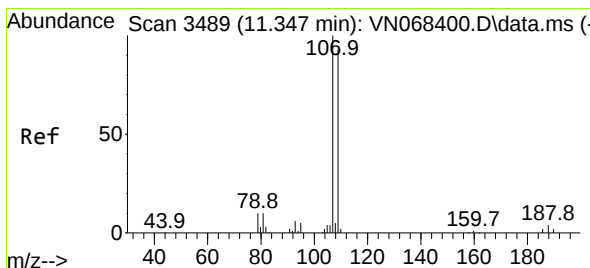
Instrument :
MSVOA_N
ClientSampleId :
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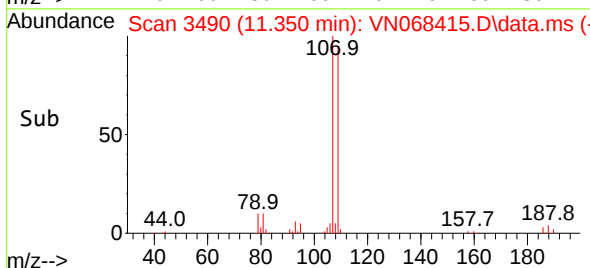
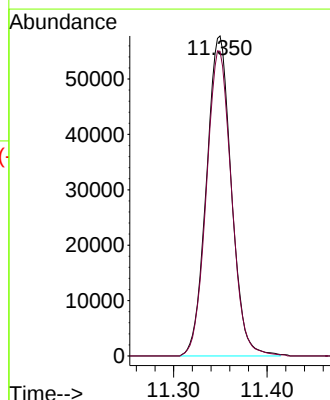
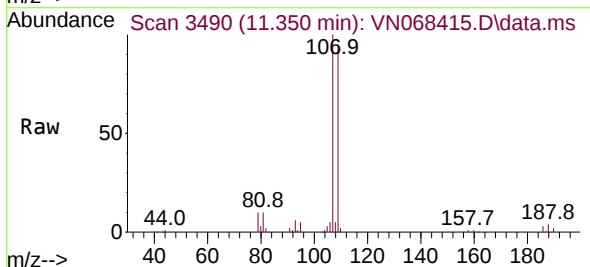
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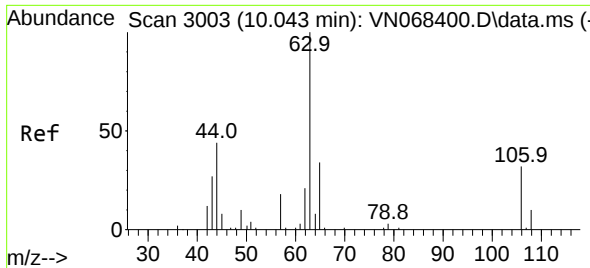
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#54
1,2-Dibromoethane
Concen: 17.900 ug/l
RT: 11.350 min Scan# 3490
Delta R.T. 0.003 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion:107 Resp: 107084
Ion Ratio Lower Upper
107 100
109 96.1 75.0 112.6



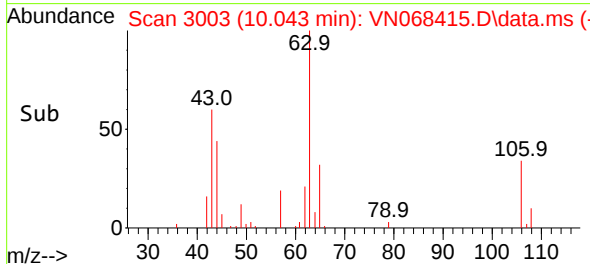
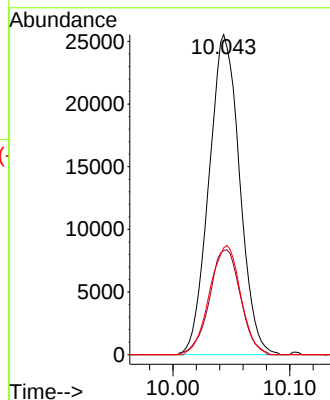
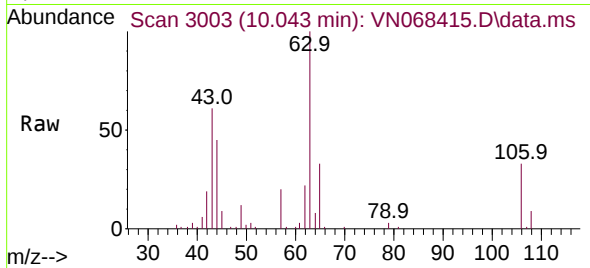


#55
2-Chloroethyl vinyl ether
Concen: 93.814 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion:	63	Resp:	46551
Ion Ratio	Lower	Upper	
63	100		
65	33.4	25.6	38.4
106	34.4	20.0	30.0

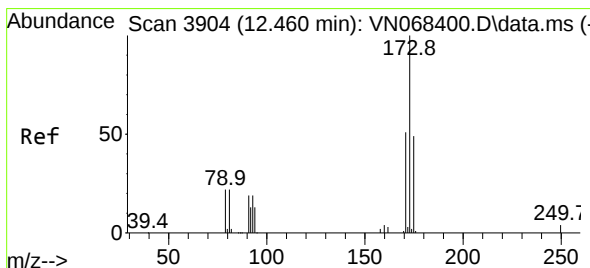
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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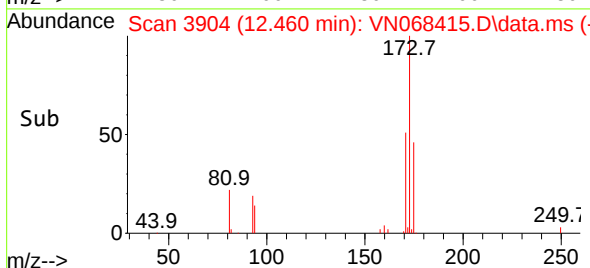
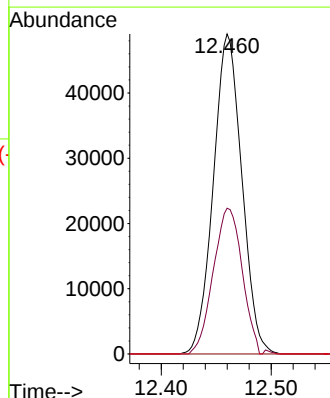
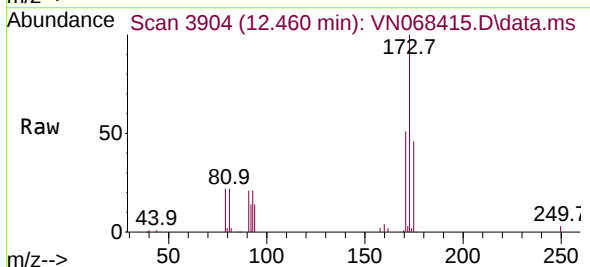
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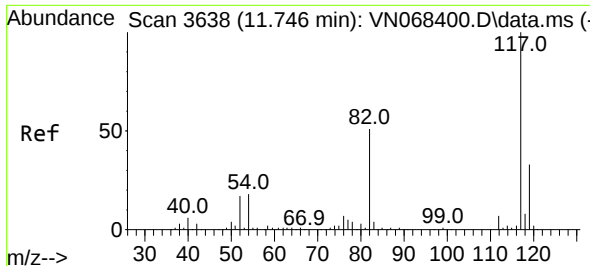
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#56
Bromoform
Concen: 16.713 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion:	173	Resp:	88220
Ion Ratio	Lower	Upper	
173	100		
175	46.3	39.4	59.2
254	0.0	0.0	0.0



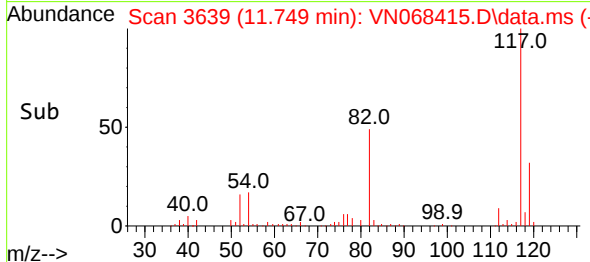
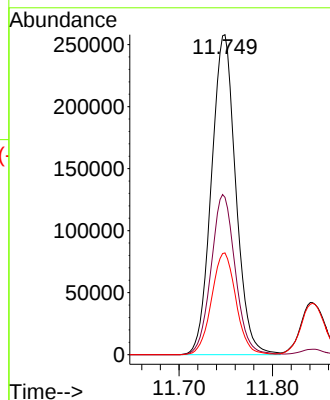
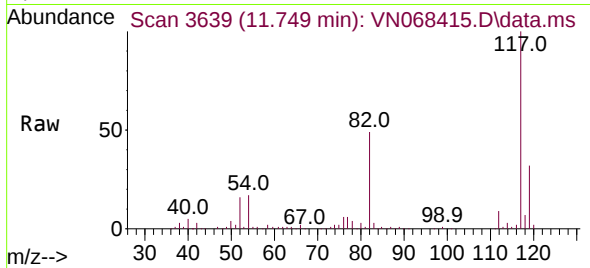


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion: 117 Resp: 467042
Ion Ratio Lower Upper
117 100
82 49.9 52.5 78.7#
119 32.0 25.8 38.8

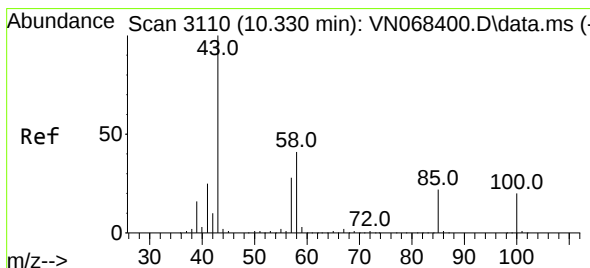
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Manual Integrations
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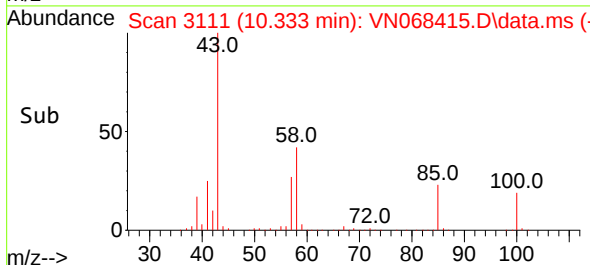
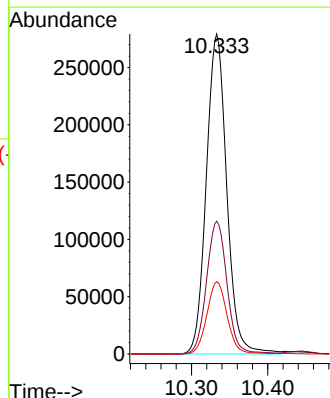
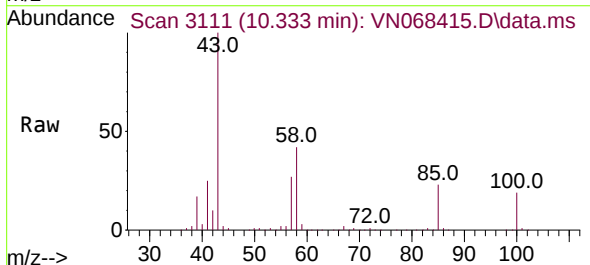
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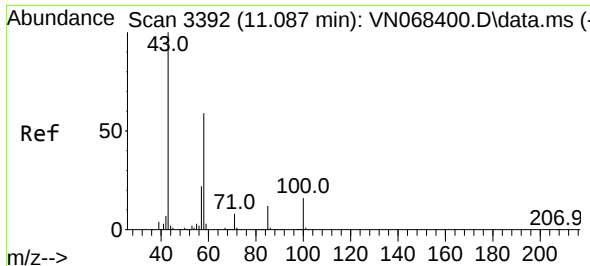
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#58
4-Methyl-2-Pentanone
Concen: 95.754 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion: 43 Resp: 520402
Ion Ratio Lower Upper
43 100
58 41.6 29.0 43.4
85 22.2 13.2 19.8#



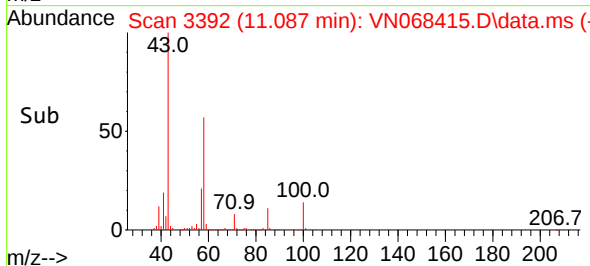
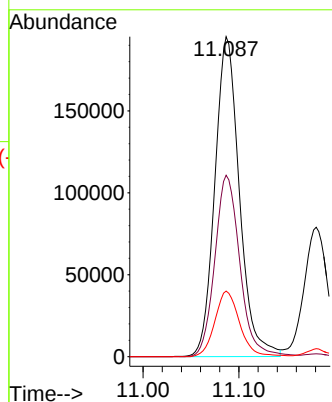
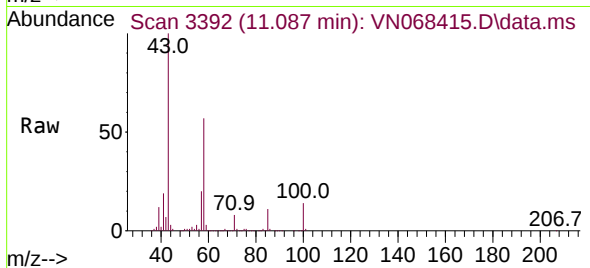


#59
2-Hexanone
Concen: 92.113 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

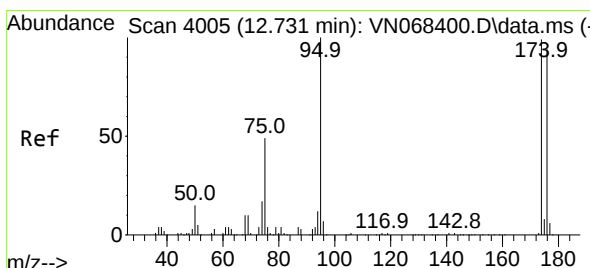
Tgt Ion: 43 Resp: 347416
Ion Ratio Lower Upper
43 100
58 57.9 39.4 59.0
57 20.8 14.4 21.6

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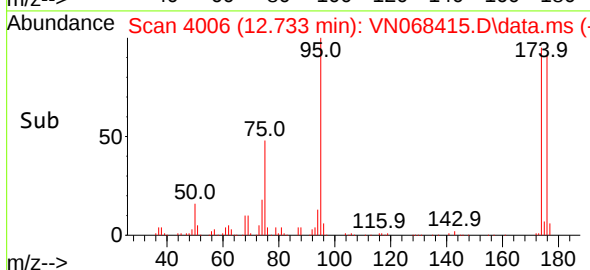
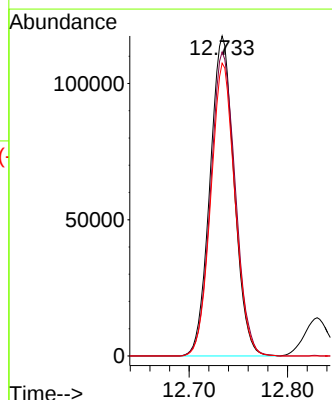
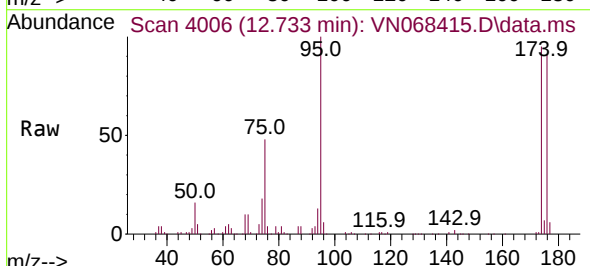
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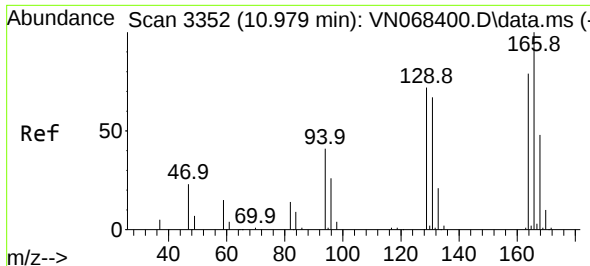
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#60
4-Bromofluorobenzene
Concen: 30.240 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion: 95 Resp: 200007
Ion Ratio Lower Upper
95 100
174 97.4 47.7 71.5#
176 91.6 45.7 68.5#



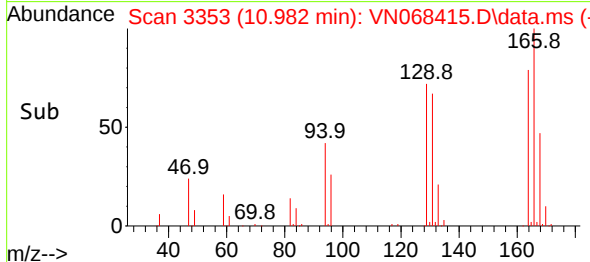
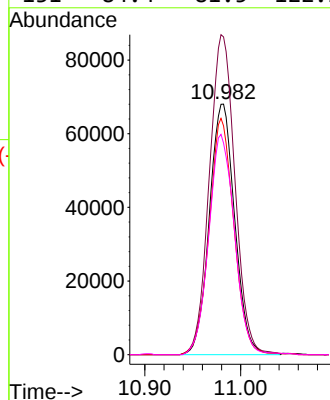
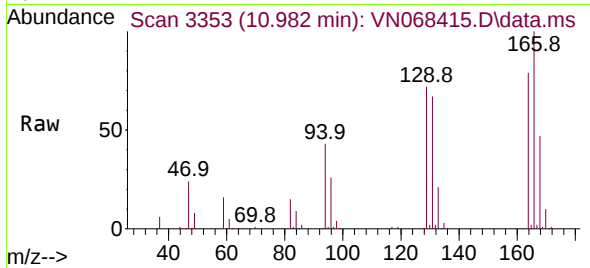


#61
Tetrachloroethene
Concen: 17.347 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. 0.003 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt	Ion:164	Resp:	125264
Ion	Ratio	Lower	Upper
164	100		
166	126.8	101.0	151.4
129	91.3	85.5	128.3
131	84.4	81.5	122.3

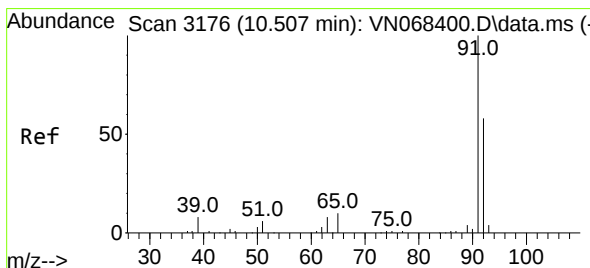
Instrument :
MSVOA_N
ClientSampleId :
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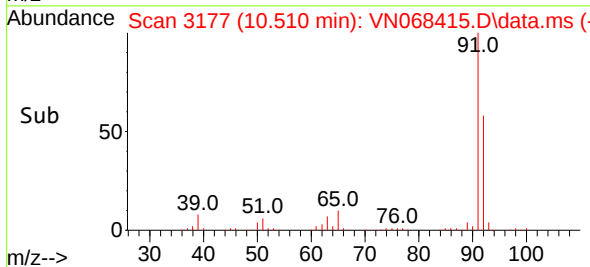
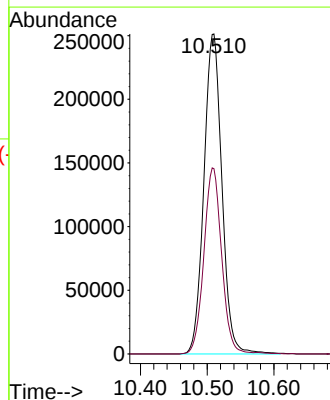
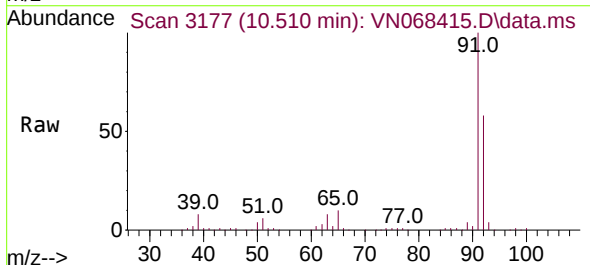
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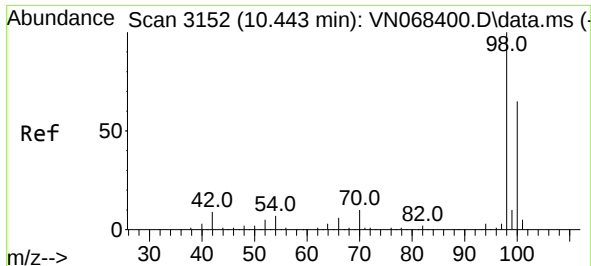
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#62
Toluene
Concen: 18.411 ug/l
RT: 10.510 min Scan# 3177
Delta R.T. 0.003 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion: 91	Resp: 471813
Ion Ratio	Lower Upper
91 100	
92 57.1	46.1 69.1



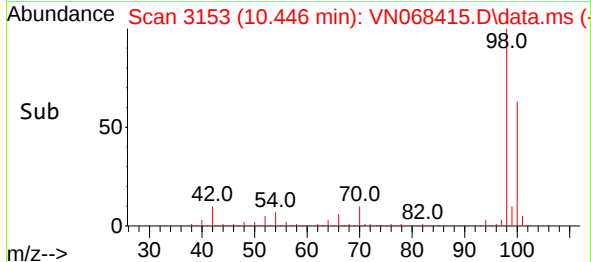
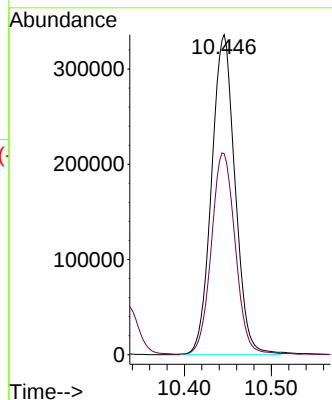
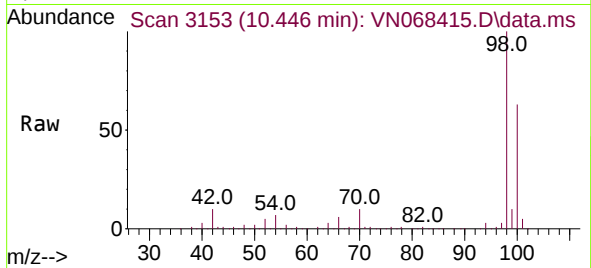


#63
Toluene-d8
Concen: 30.339 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion: 98 Resp: 630999
Ion Ratio Lower Upper
98 100
100 63.8 51.2 76.8

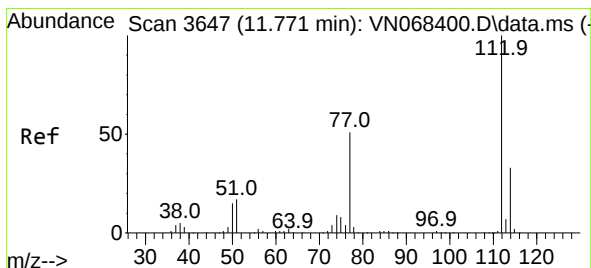
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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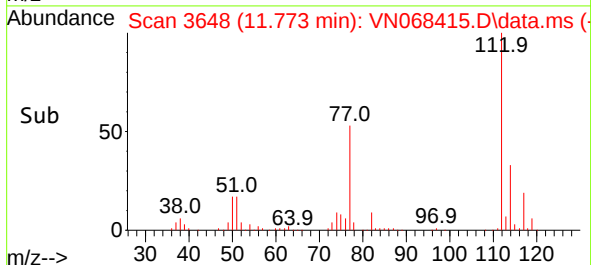
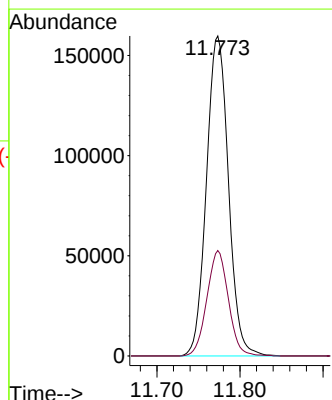
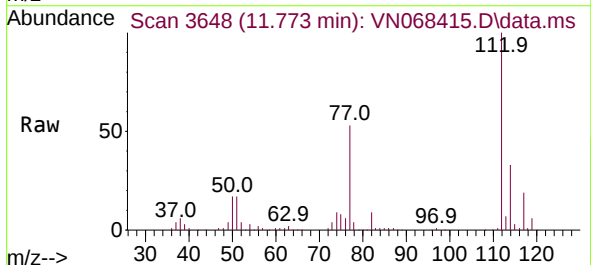
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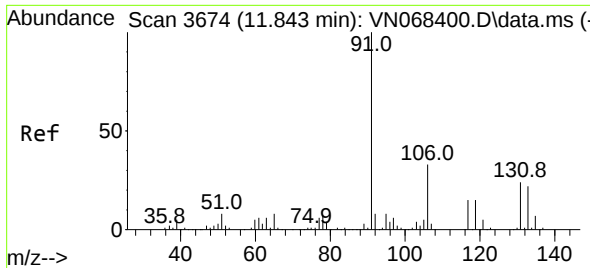
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#64
Chlorobenzene
Concen: 17.787 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.003 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion: 112 Resp: 293873
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.0



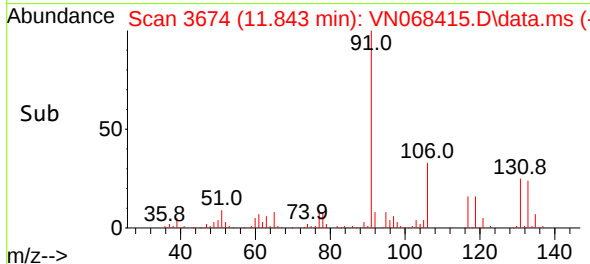
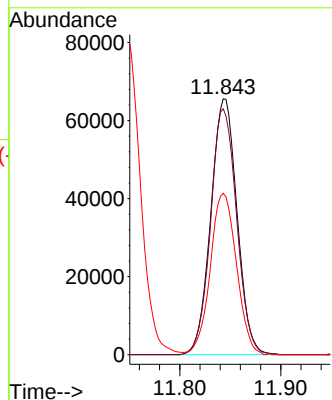
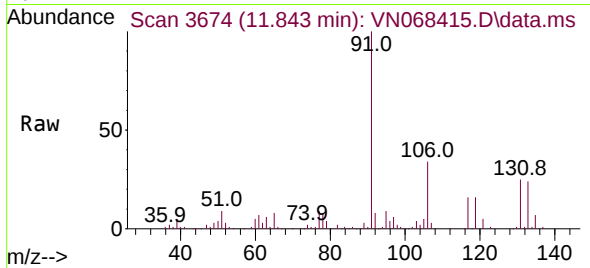


#65
1,1,1,2-Tetrachloroethane
Concen: 17.890 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion:131 Resp: 118339
Ion Ratio Lower Upper
131 100
133 95.5 0.0 189.6
119 63.0 0.0 130.0

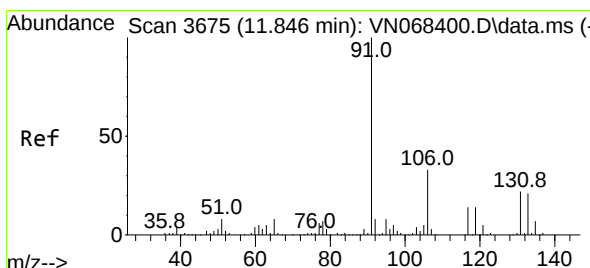
Instrument :
MSVOA_N
ClientSampleId :
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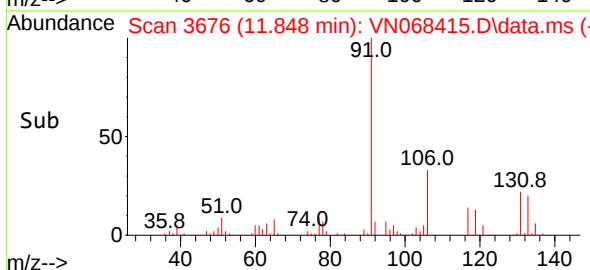
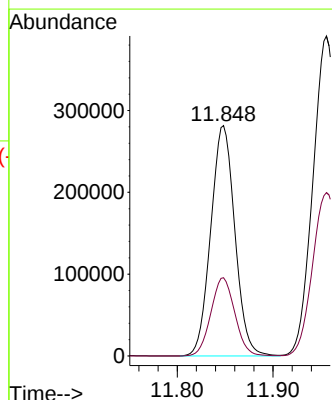
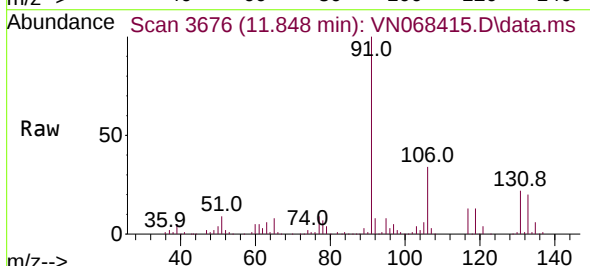
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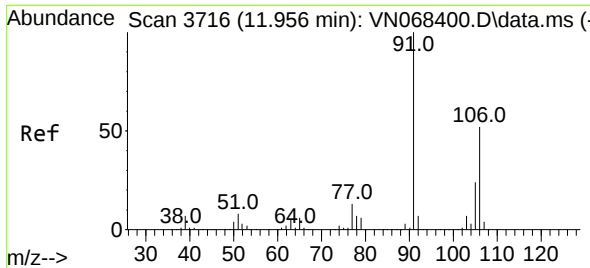
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#66
Ethyl Benzene
Concen: 17.826 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.003 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion: 91 Resp: 491710
Ion Ratio Lower Upper
91 100
106 34.0 23.4 35.0



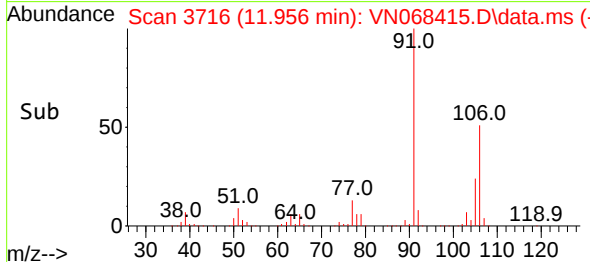
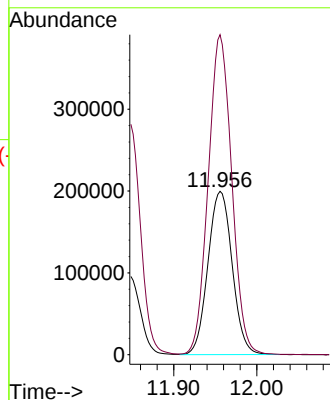
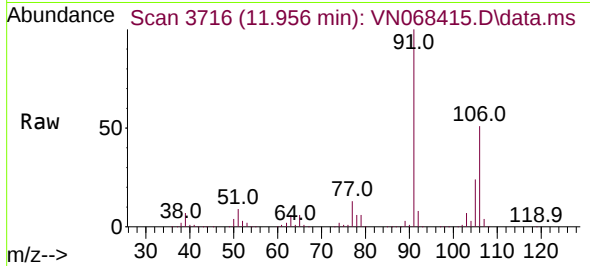


#67
m/p-Xylenes
Concen: 35.751 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion:106 Resp: 404369
Ion Ratio Lower Upper
106 100
91 190.1 181.3 271.9

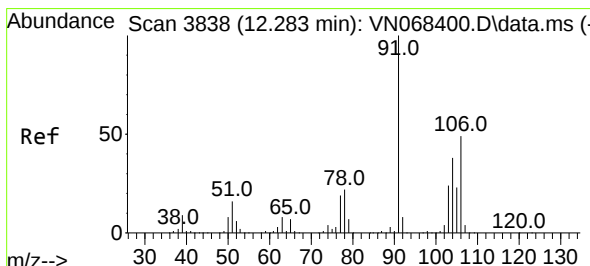
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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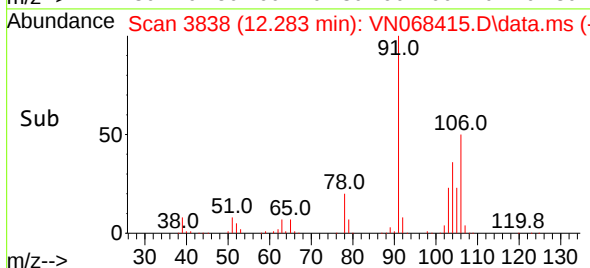
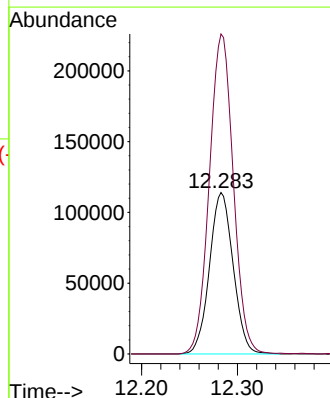
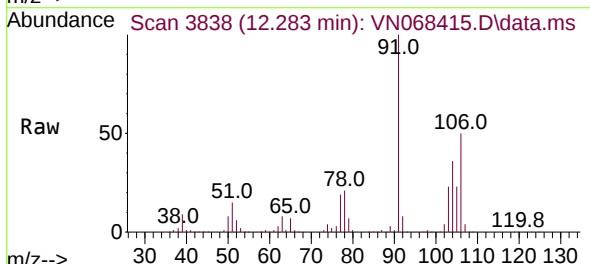
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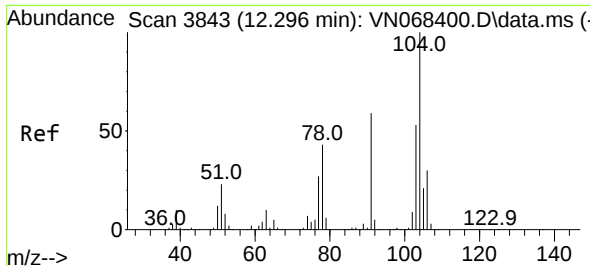
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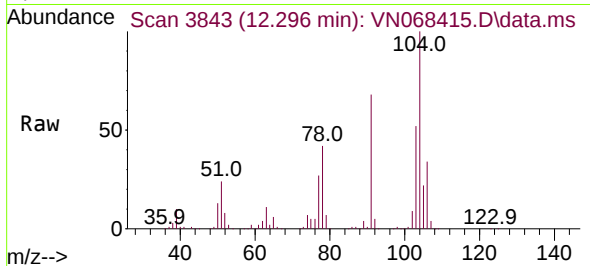
#68
o-Xylene
Concen: 17.855 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion:106 Resp: 195612
Ion Ratio Lower Upper
106 100
91 200.5 120.0 360.0

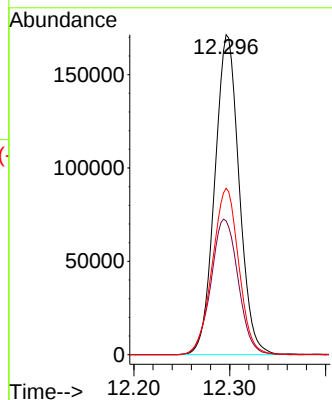
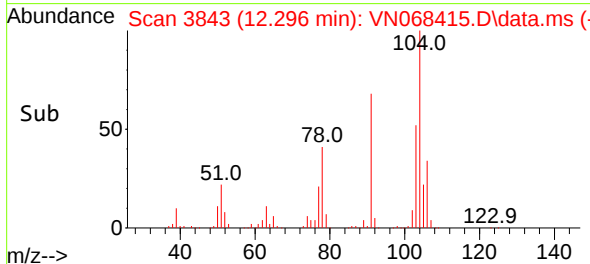




#69
Styrene
Concen: 17.492 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14



Tgt Ion:104 Resp: 302545
Ion Ratio Lower Upper
104 100
78 47.3 48.2 72.2#
103 56.4 44.5 66.7

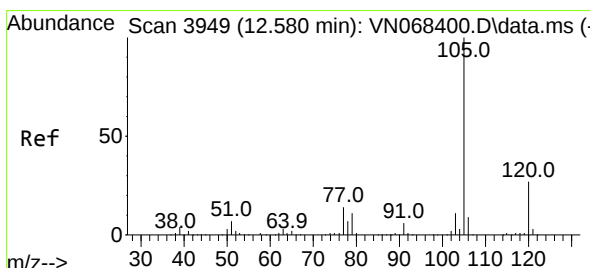


Instrument :
MSVOA_N
ClientSampleId :
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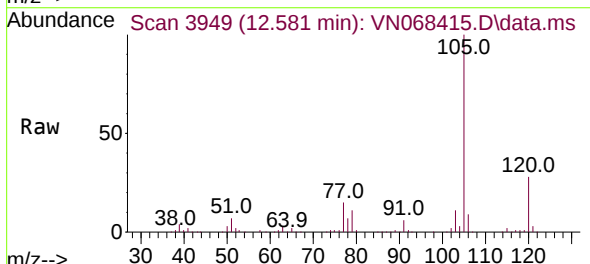
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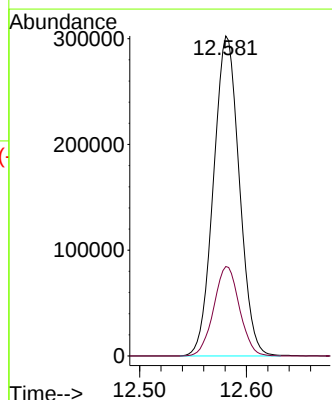
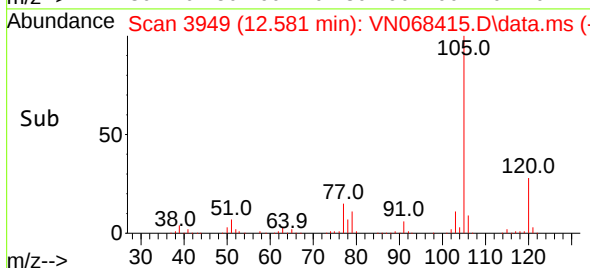
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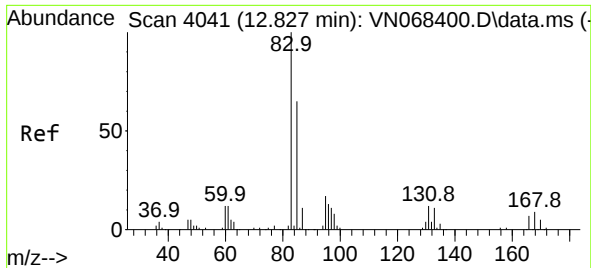


#70
Isopropylbenzene
Concen: 18.004 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14



Tgt Ion:105 Resp: 508019
Ion Ratio Lower Upper
105 100
120 27.8 17.6 32.6



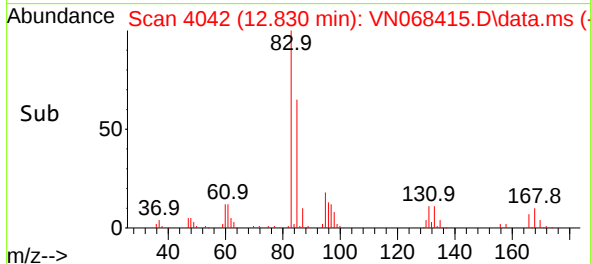
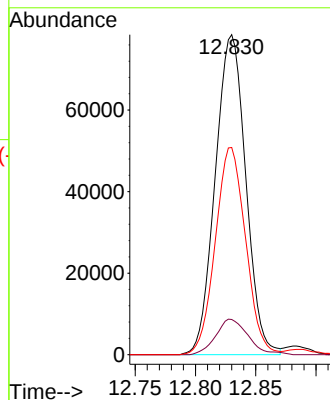
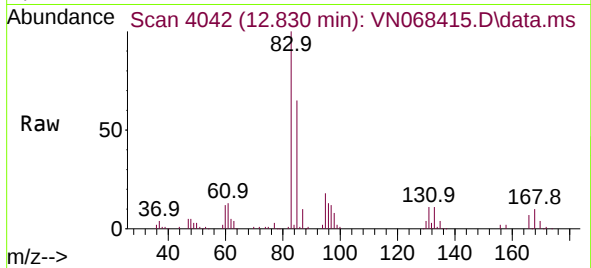


#71
1,1,2,2-Tetrachloroethane
Concen: 19.173 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion: 83 Resp: 138359
Ion Ratio Lower Upper
83 100
131 11.8 4.7 14.0
85 64.2 32.2 96.6

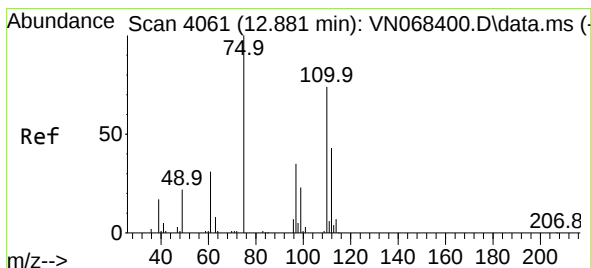
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

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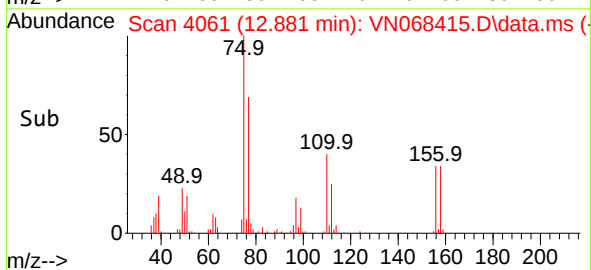
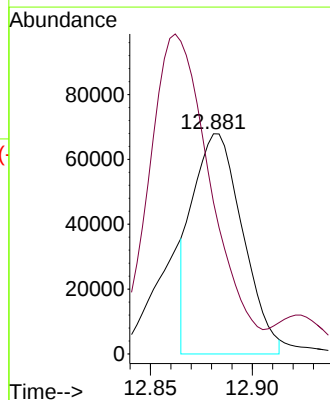
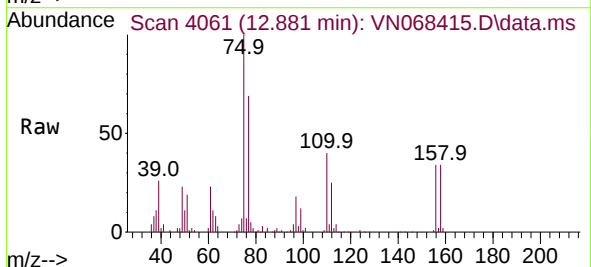
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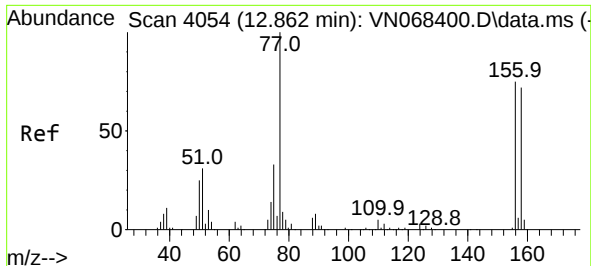
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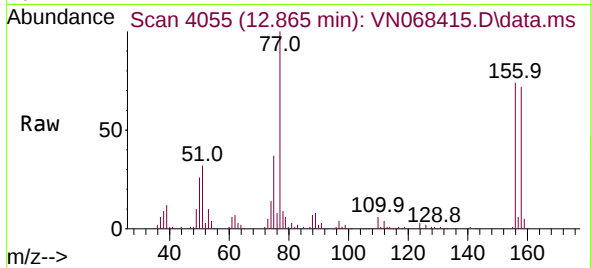
#72
1,2,3-Trichloropropane
Concen: 19.587 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion: 75 Resp: 115869
Ion Ratio Lower Upper
75 100
77 180.4 0.0 374.2

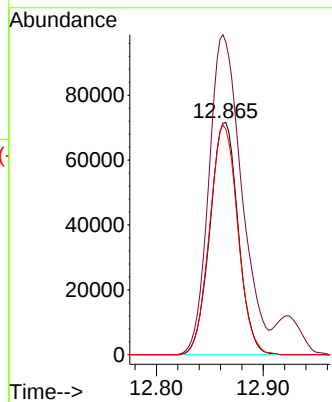
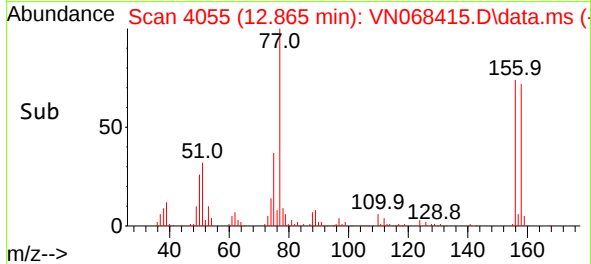




#73
Bromobenzene
Concen: 16.779 ug/l
RT: 12.865 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14



Tgt Ion:156 Resp: 131029
Ion Ratio Lower Upper
156 100
77 159.5 0.0 548.0
158 99.1 0.0 194.0

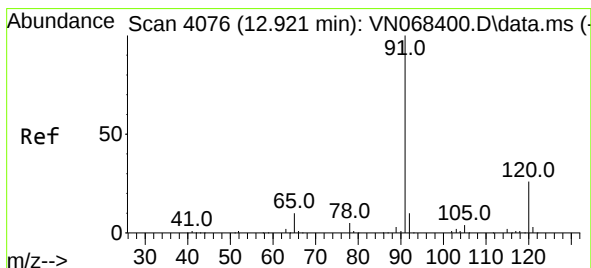


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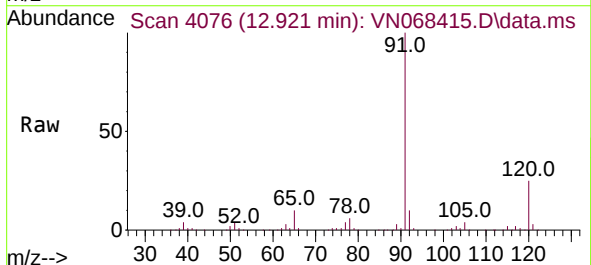
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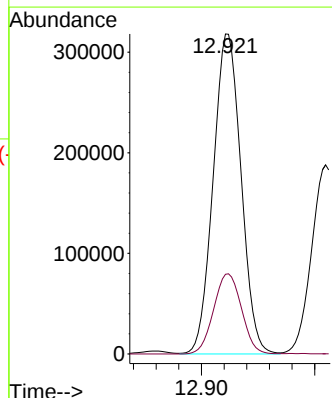
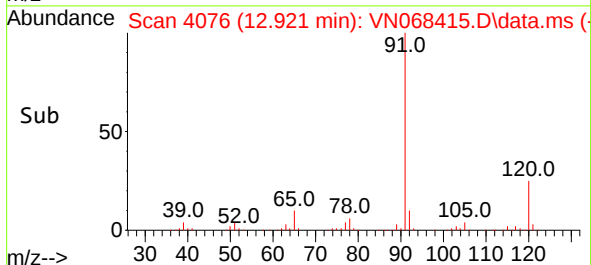
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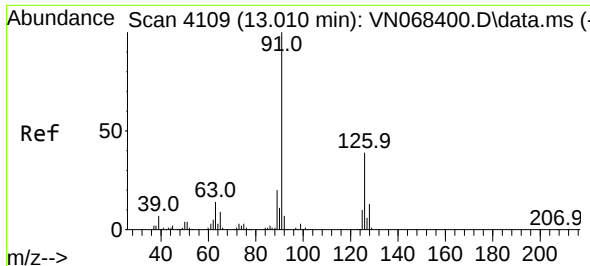


#74
n-propylbenzene
Concen: 17.806 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14



Tgt Ion: 91 Resp: 542721
Ion Ratio Lower Upper
91 100
120 25.0 0.0 41.0



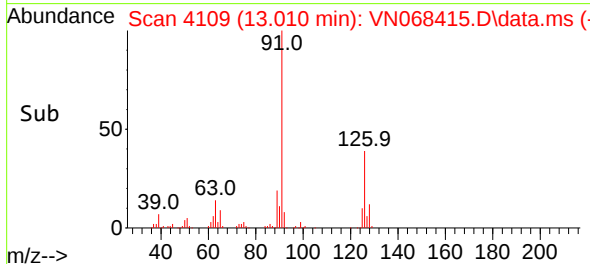
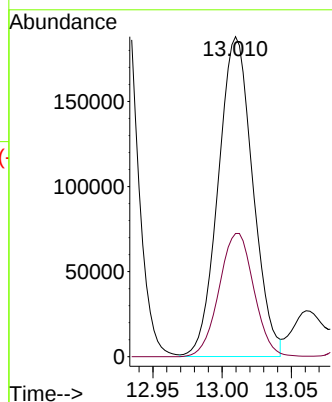
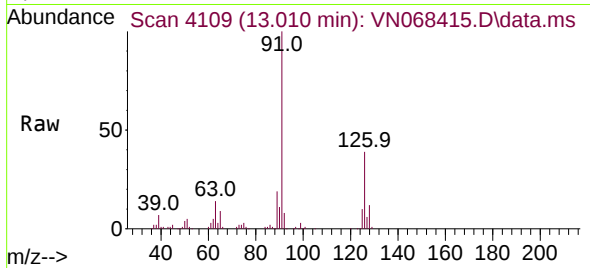


#75
2-Chlorotoluene
Concen: 18.024 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

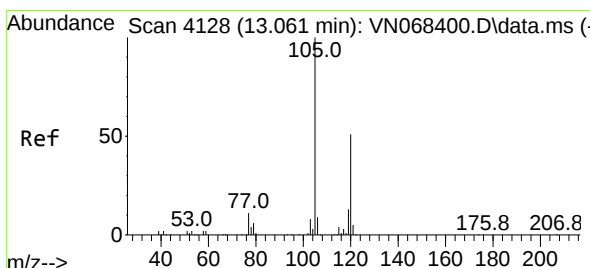
Tgt Ion: 91 Resp: 326016
Ion Ratio Lower Upper
91 100
126 38.8 0.0 0.0#

Manual Integrations
APPROVED



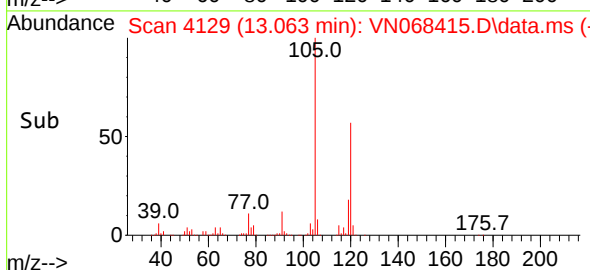
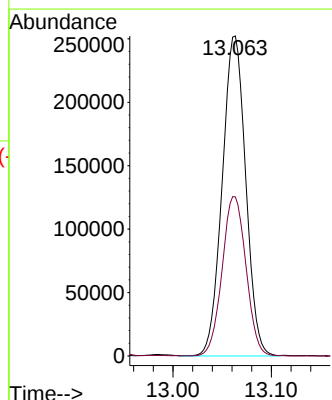
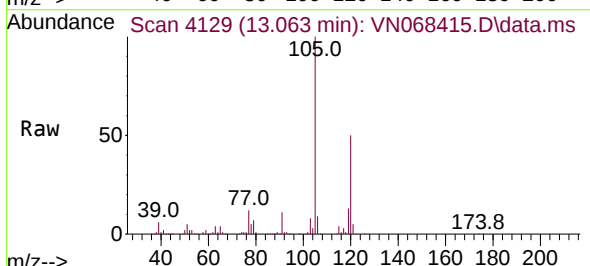
MMDadoda

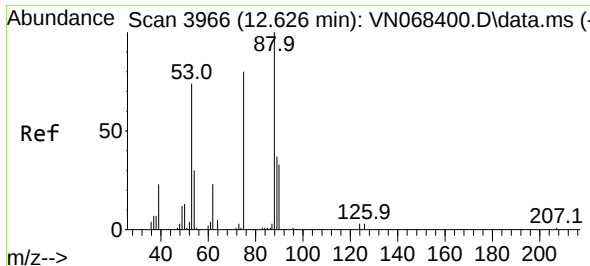
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#76
1,3,5-Trimethylbenzene
Concen: 17.971 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.003 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

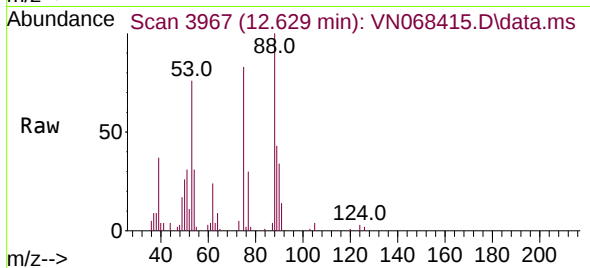
Tgt Ion: 105 Resp: 419551
Ion Ratio Lower Upper
105 100
120 50.6 0.0 90.2





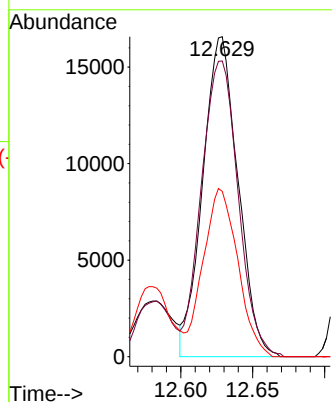
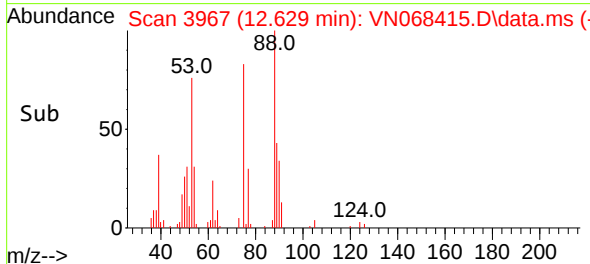
#77
t-1,4-Dichloro-2-butene
Concen: 15.737 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



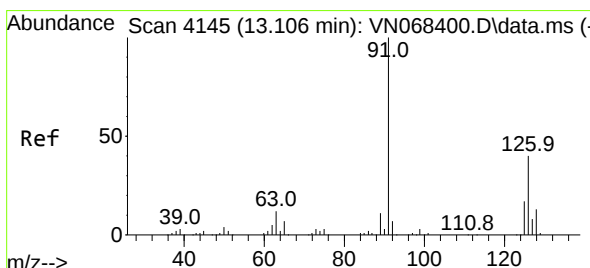
Tgt Ion: 75 Resp: 28224
Ion Ratio Lower Upper
75 100
53 91.5 55.2 165.6
89 51.7 24.5 73.5

Manual Integrations
APPROVED

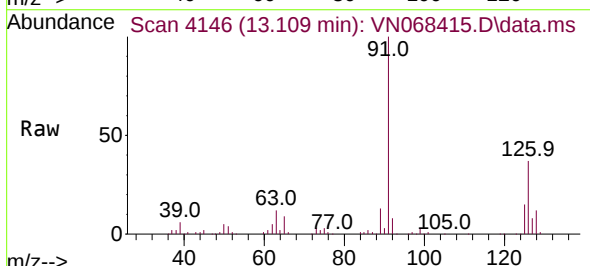


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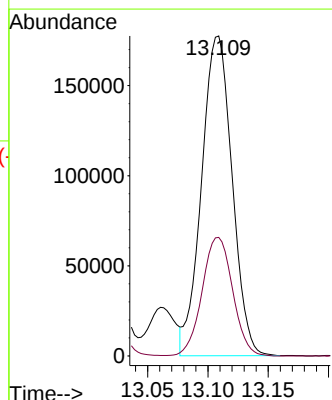
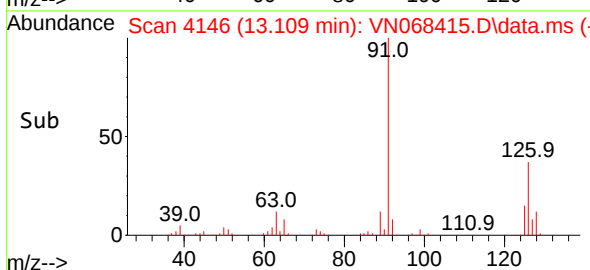
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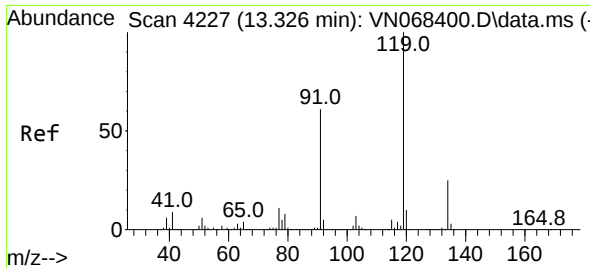


#78
4-Chlorotoluene
Concen: 17.655 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14



Tgt Ion: 91 Resp: 313121
Ion Ratio Lower Upper
91 100
126 37.0 0.0 57.6



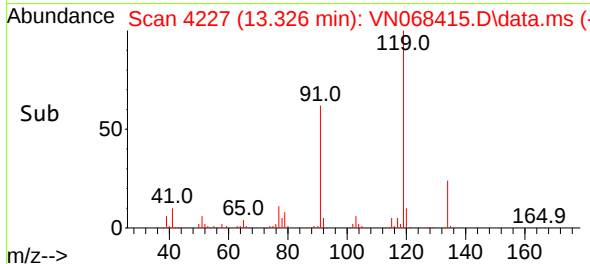
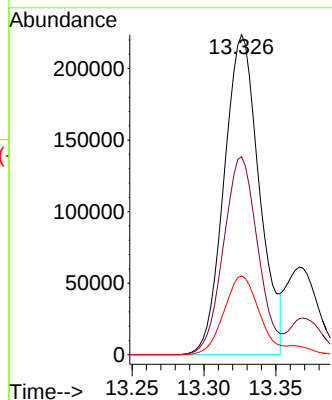
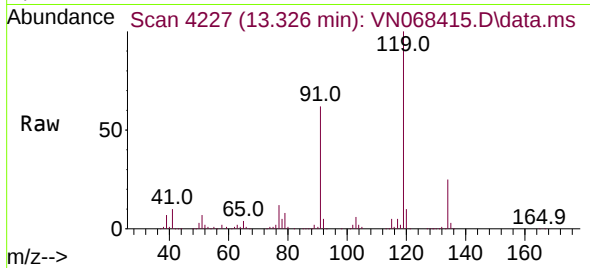


#79
tert-butylbenzene
Concen: 17.853 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

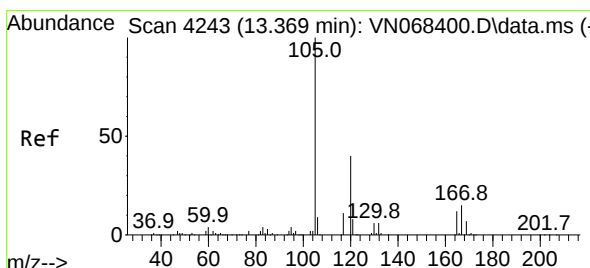
Tgt Ion:119 Resp: 381049
Ion Ratio Lower Upper
119 100
91 61.0 0.0 158.4
134 24.9 0.0 43.6

Manual Integrations
APPROVED



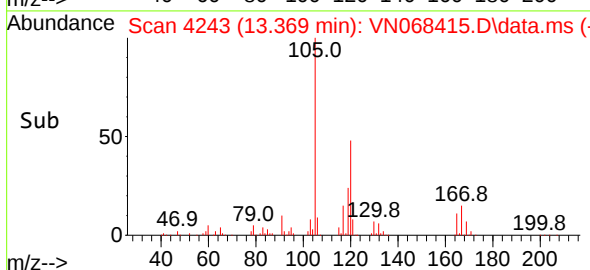
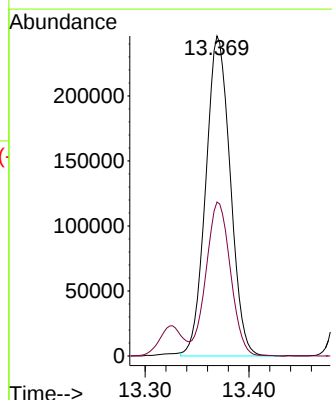
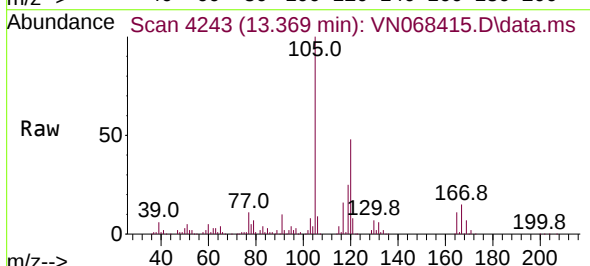
MMDadoda

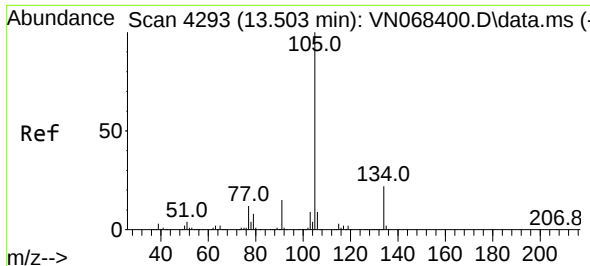
9/7/2021 4:39:23 PM



#80
1,2,4-Trimethylbenzene
Concen: 17.793 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

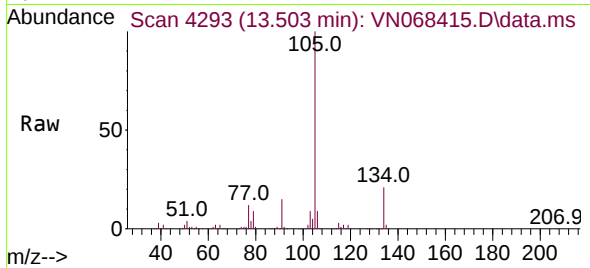
Tgt Ion:105 Resp: 403463
Ion Ratio Lower Upper
105 100
120 0.0 0.0 0.4





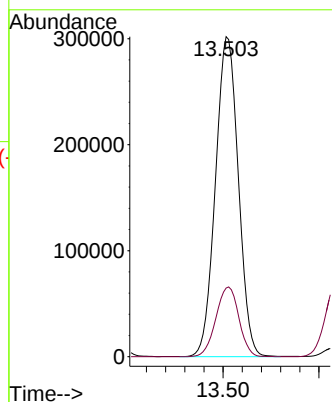
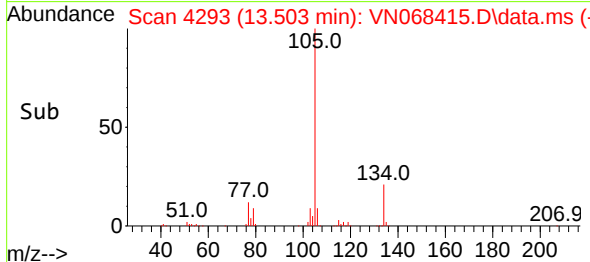
#81
 sec-Butylbenzene
 Concen: 17.413 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN068415.D
 Acq: 3 Sep 2021 18:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



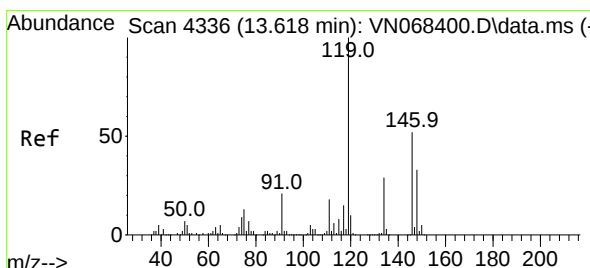
Tgt Ion:105 Resp: 498929
 Ion Ratio Lower Upper
 105 100
 134 21.9 0.0 35.4

Manual Integrations
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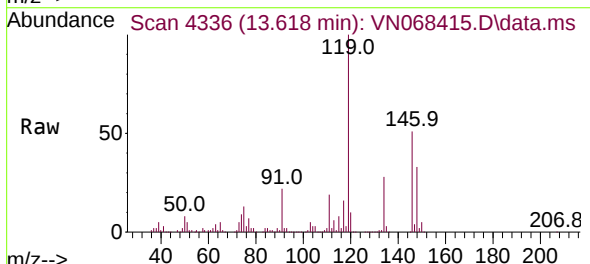


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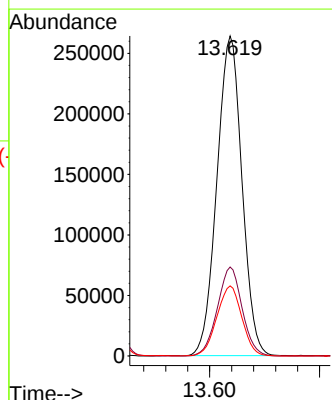
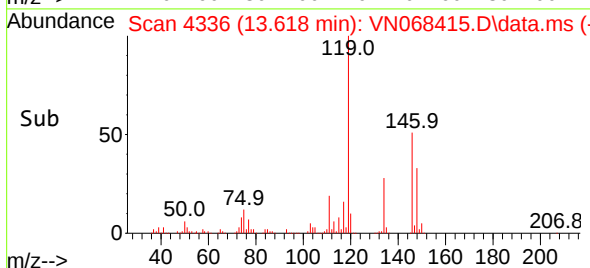
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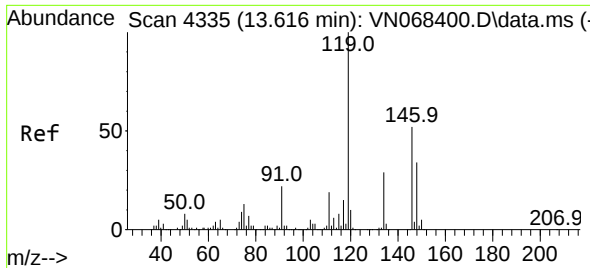


#82
 p-Isopropyltoluene
 Concen: 16.941 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN068415.D
 Acq: 3 Sep 2021 18:14



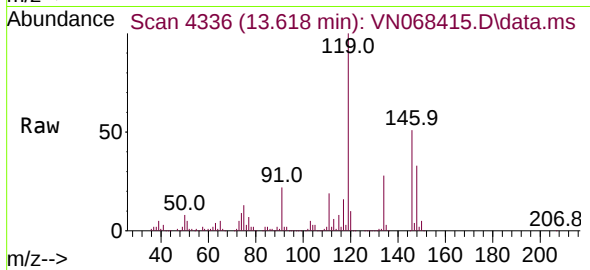
Tgt Ion:119 Resp: 417709
 Ion Ratio Lower Upper
 119 100
 134 27.5 0.0 49.0
 91 21.9 0.0 59.6





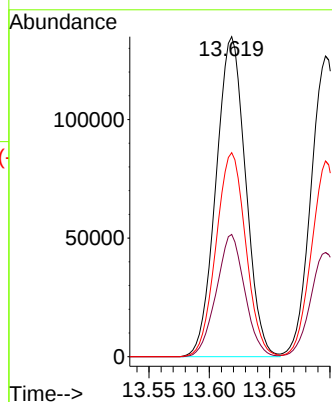
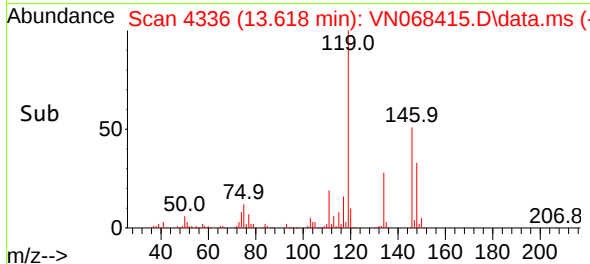
#83
1,3-Dichlorobenzene
Concen: 16.736 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. 0.003 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



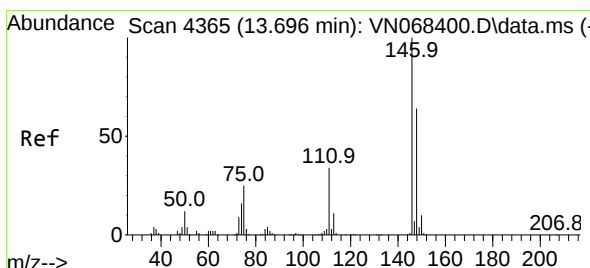
Tgt Ion:146 Resp: 230786
Ion Ratio Lower Upper
146 100
111 36.6 25.0 75.0
148 63.8 32.6 97.7

Manual Integrations
APPROVED

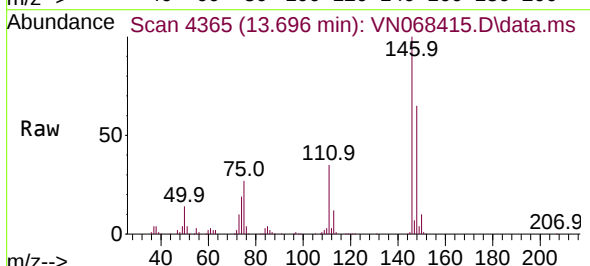


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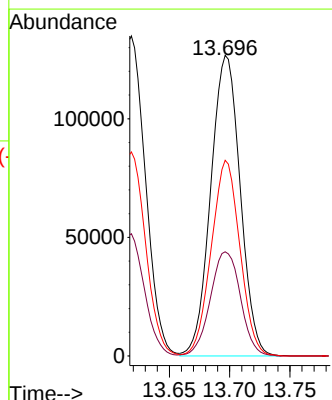
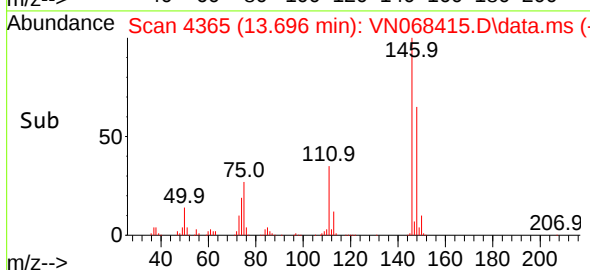
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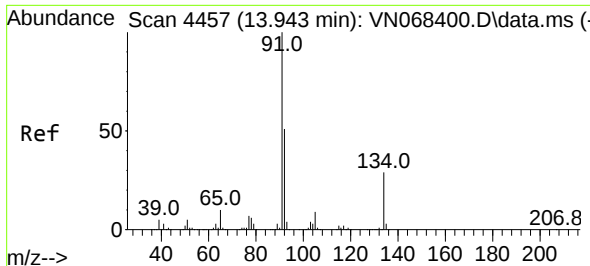


#84
1,4-Dichlorobenzene
Concen: 16.226 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14



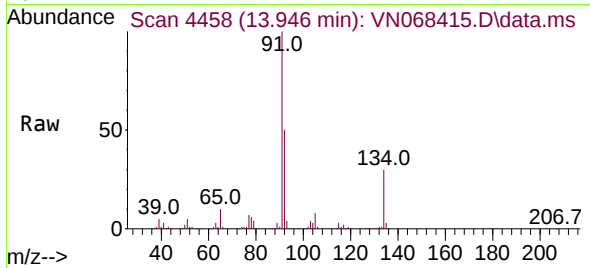
Tgt Ion:146 Resp: 215713
Ion Ratio Lower Upper
146 100
111 35.4 23.6 71.0
148 63.4 31.8 95.3





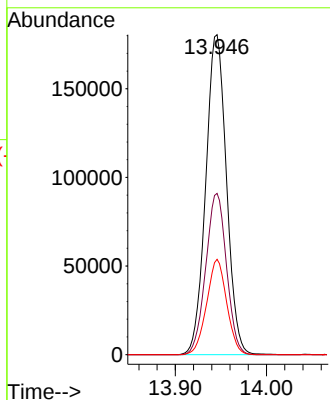
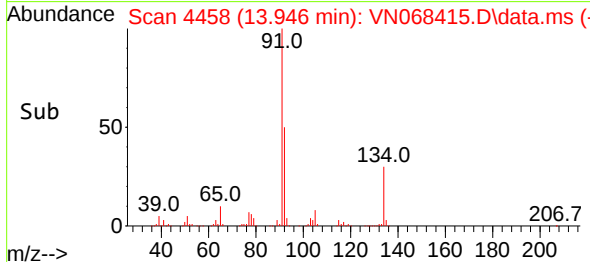
#85
n-Butylbenzene
Concen: 15.517 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



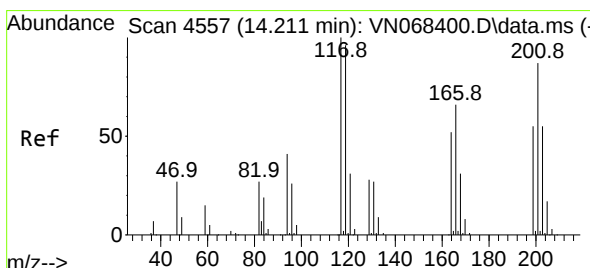
Tgt Ion: 91 Resp: 285271
Ion Ratio Lower Upper
91 100
92 50.5 0.0 103.0
134 28.9 0.0 43.6

Manual Integrations
APPROVED

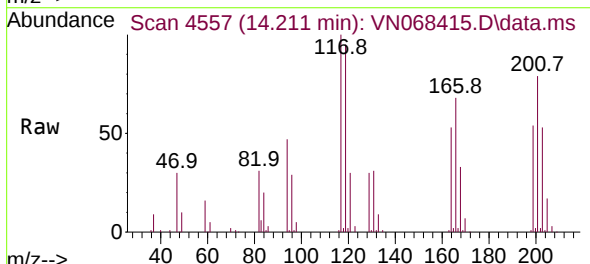


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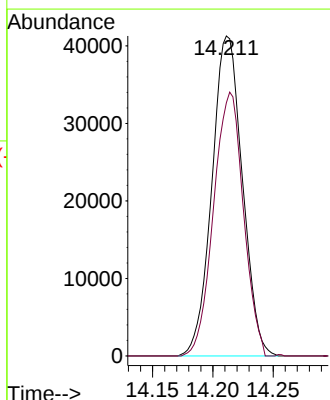
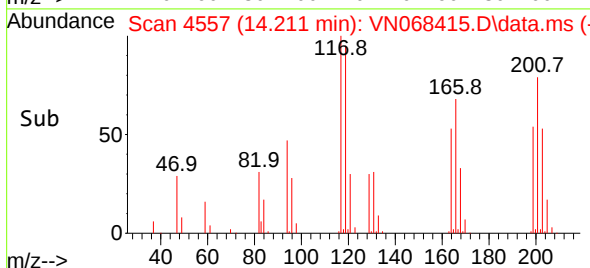
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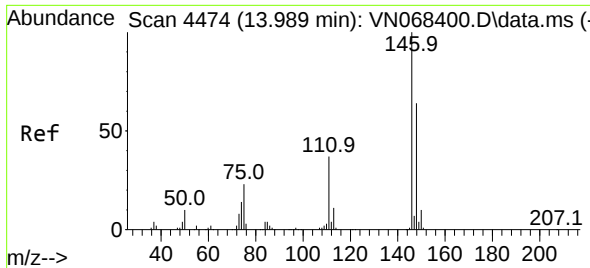


#86
Hexachloroethane
Concen: 17.388 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

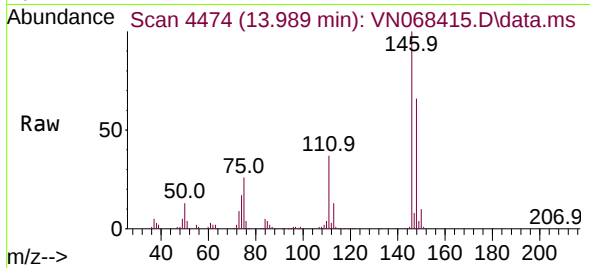


Tgt Ion: 117 Resp: 72525
Ion Ratio Lower Upper
117 100
201 80.7 33.3 99.9

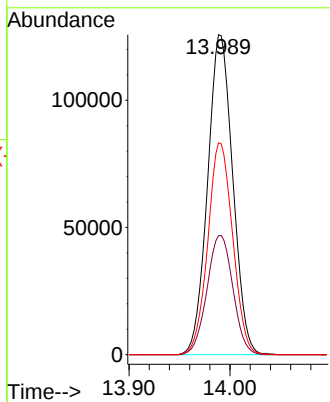
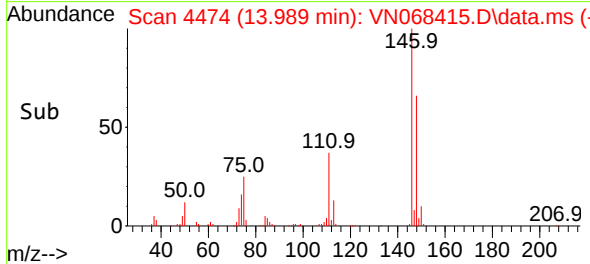




#87
1,2-Dichlorobenzene
Concen: 16.604 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14



Tgt Ion:146 Resp: 217639
Ion Ratio Lower Upper
146 100
111 38.3 25.0 75.0
148 65.5 32.0 96.0

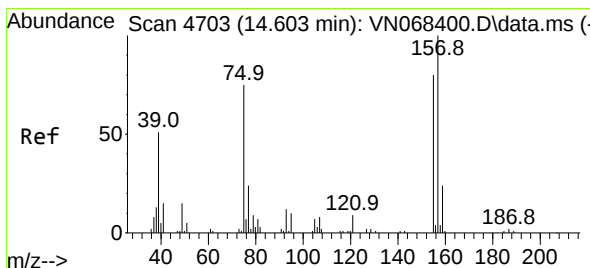


Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

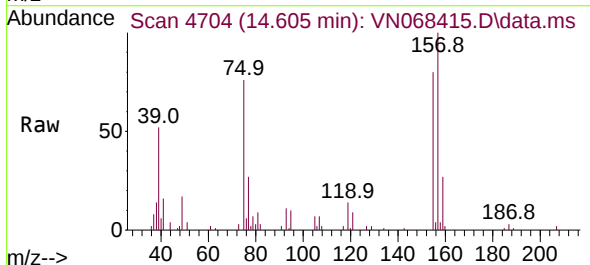
Manual Integrations
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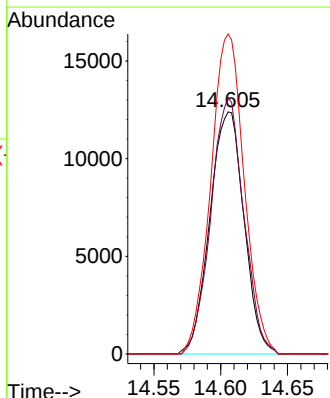
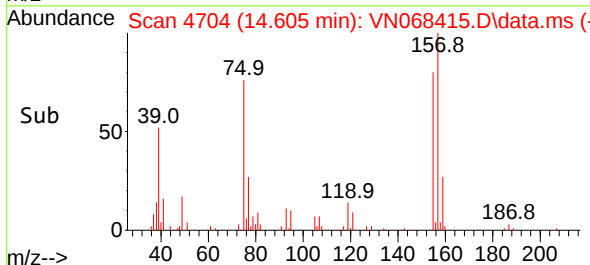
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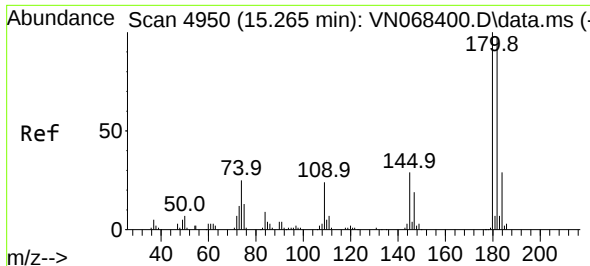


#88
1,2-Dibromo-3-Chloropropane
Concen: 17.627 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.003 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14



Tgt Ion: 75 Resp: 22016
Ion Ratio Lower Upper
75 100
155 102.1 45.3 67.9#
157 129.6 58.6 87.8#



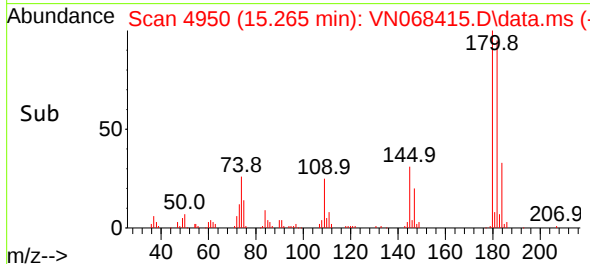
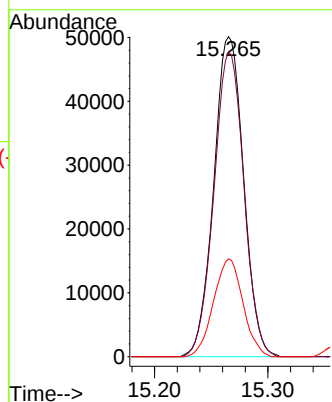
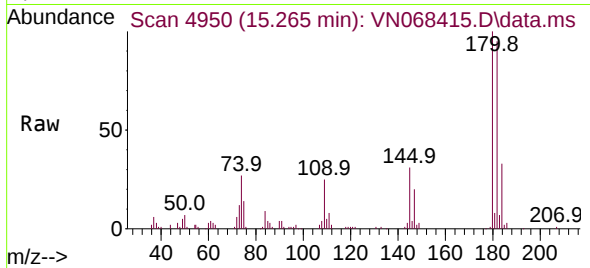


#89
1,2,4-Trichlorobenzene
Concen: 13.045 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

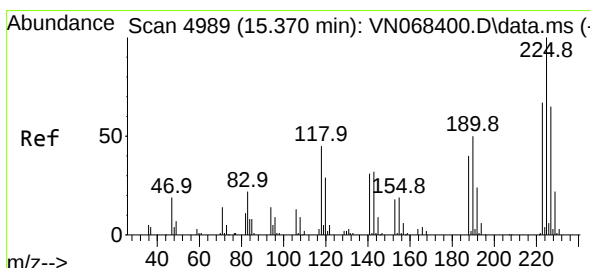
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.9	113.9
145	30.1	28.8	43.2

Manual Integrations
APPROVED



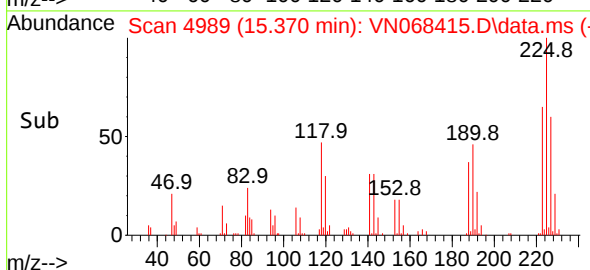
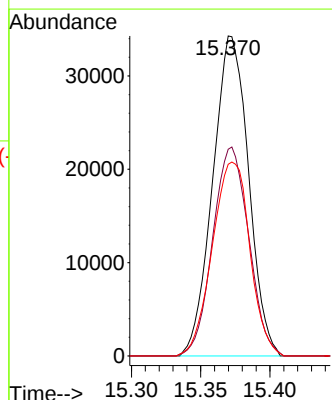
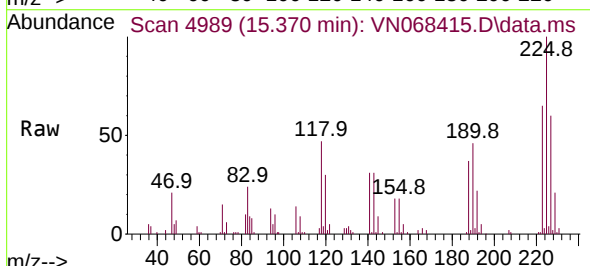
MMDadoda

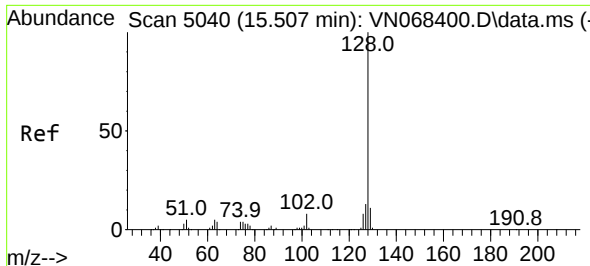
9/7/2021 4:39:23 PM



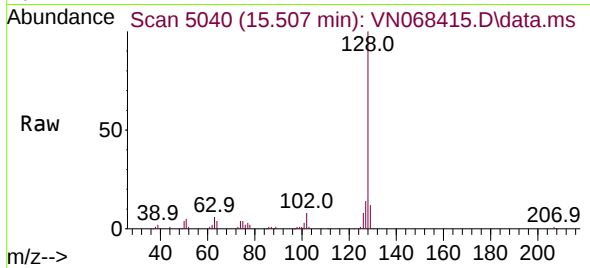
#90
Hexachlorobutadiene
Concen: 14.910 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.6	0.0	129.6
227	63.5	0.0	131.2

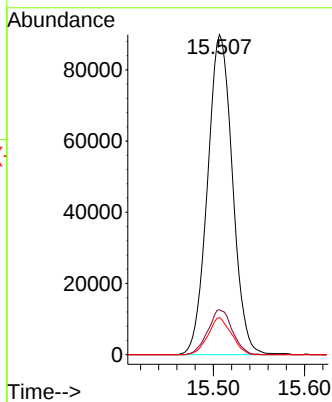
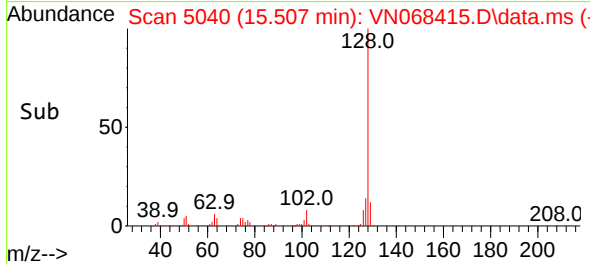




#91
Naphthalene
Concen: 11.476 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.000 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14



Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.1	15.1
129	10.8	8.9	13.3

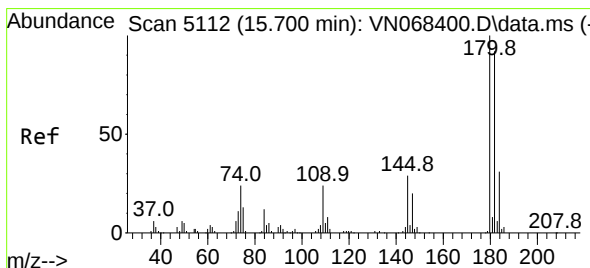


Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

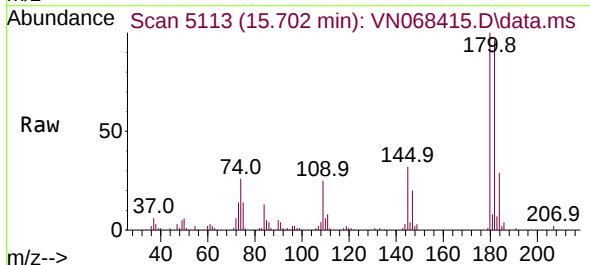
Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 12.837 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.003 min
Lab File: VN068415.D
Acq: 3 Sep 2021 18:14



Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	0.0	184.6
145	30.2	0.0	76.0

