

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100621\
 Data File : VN068815.D
 Acq On : 6 Oct 2021 13:16
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
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Quant Time: Oct 06 13:49:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 13:47:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	337525	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	589246	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	569639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	251468	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	261435	53.89	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.78%			
35) Dibromofluoromethane	8.024	113	201343	53.70	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.40%			
50) Toluene-d8	10.443	98	805663	58.03	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 116.06%			
62) 4-Bromofluorobenzene	12.734	95	267669	56.00	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 112.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	144531	39.74	ug/l	100
3) Chloromethane	2.303	50	149583	37.19	ug/l	99
4) Vinyl Chloride	2.446	62	291061	39.13	ug/l	95
5) Bromomethane	2.848	94	258514	41.93	ug/l	99
6) Chloroethane	3.017	64	252242	40.15	ug/l	95
7) Trichlorofluoromethane	3.376	101	254686	39.69	ug/l	98
8) Diethyl Ether	3.827	74	86379	42.71	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.216	101	146196	39.94	ug/l	94
10) Methyl Iodide	4.425	142	171310	53.16	ug/l	93
11) Tert butyl alcohol	5.369	59	145072m	231.71	ug/l	
12) 1,1-Dichloroethene	4.192	96	126434	40.37	ug/l	81
13) Acrolein	4.041	56	76079	491.45	ug/l	97
14) Allyl chloride	4.846	41	212646	43.59	ug/l #	89
15) Acrylonitrile	5.557	53	392713	224.28	ug/l	99
16) Acetone	4.285	43	360777	65.97	ug/l	95
17) Carbon Disulfide	4.537	76	249166	35.80	ug/l	98
18) Methyl Acetate	4.857	43	239320	42.73	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	554369	44.64	ug/l	98
20) Methylene Chloride	5.101	84	167652	41.34	ug/l	90
21) trans-1,2-Dichloroethene	5.602	96	141761	40.49	ug/l	82
22) Diisopropyl ether	6.495	45	533072	46.33	ug/l	96
23) Vinyl Acetate	6.436	43	2072832	228.57	ug/l #	95
24) 1,1-Dichloroethane	6.388	63	302030	43.14	ug/l	98
25) 2-Butanone	7.335	43	571605	219.44	ug/l	92
26) 2,2-Dichloropropane	7.327	77	291364	44.22	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	194836	43.20	ug/l	85
28) Bromochloromethane	7.659	49	167315	51.33	ug/l #	75
29) Tetrahydrofuran	7.686	42	359433	223.95	ug/l	90
30) Chloroform	7.820	83	360543	43.91	ug/l	98
31) Cyclohexane	8.099	56	225420	38.28	ug/l	88
32) 1,1,1-Trichloroethane	8.016	97	322836	44.21	ug/l	98
36) 1,1-Dichloropropene	8.225	75	232390	42.60	ug/l	95
37) Ethyl Acetate	7.413	43	229459	44.36	ug/l	99
38) Carbon Tetrachloride	8.206	117	274395	42.45	ug/l	98
39) Methylcyclohexane	9.464	83	249960	39.87	ug/l	87
40) Benzene	8.461	78	719040	43.25	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	112994	45.79	ug/l #	89
42) 1,2-Dichloroethane	8.531	62	283070	43.38	ug/l	98
43) Isopropyl Acetate	8.560	43	411693	43.50	ug/l	96
44) Trichloroethene	9.218	130	185155	41.94	ug/l	83
45) 1,2-Dichloropropane	9.491	63	189846	44.19	ug/l	100
46) Dibromomethane	9.580	93	147498	44.79	ug/l	94
47) Bromodichloromethane	9.765	83	298913	45.09	ug/l	99
48) Methyl methacrylate	9.561	41	175966	44.27	ug/l #	82
49) 1,4-Dioxane	9.569	88	73711	1110.47	ug/l	87
51) 4-Methyl-2-Pentanone	10.331	43	1312731	228.80	ug/l	96
52) Toluene	10.508	92	488737	44.28	ug/l	97
53) t-1,3-Dichloropropene	10.722	75	308440	46.28	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	309837	44.15	ug/l	95
55) 1,1,2-Trichloroethane	10.899	97	209556	44.40	ug/l	96
56) Ethyl methacrylate	10.762	69	300332	48.30	ug/l	92
57) 1,3-Dichloropropane	11.047	76	335622	45.53	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	358306	286.86	ug/l	92
59) 2-Hexanone	11.087	43	940016	237.36	ug/l	96
60) Dibromochloromethane	11.240	129	236525	47.68	ug/l	100
61) 1,2-Dibromoethane	11.347	107	211659	45.89	ug/l	99
64) Tetrachloroethene	10.980	164	166415	40.02	ug/l	97
65) Chlorobenzene	11.773	112	540264	42.34	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	220931	44.78	ug/l	99
67) Ethyl Benzene	11.846	91	990474	44.18	ug/l	97
68) m/p-Xylenes	11.956	106	748522	89.85	ug/l	88
69) o-Xylene	12.283	106	373503	45.24	ug/l	89
70) Styrene	12.296	104	627877	47.87	ug/l	92
71) Bromoform	12.460	173	161476	46.34	ug/l #	100
73) Isopropylbenzene	12.581	105	1006821	45.09	ug/l	98
74) N-amyl acetate	12.390	43	338780	47.44	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.830	83	305258	44.62	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	263678m	47.35	ug/l	
77) Bromobenzene	12.862	156	229104	45.14	ug/l	73
78) n-propylbenzene	12.921	91	1143029	45.38	ug/l	96
79) 2-Chlorotoluene	13.010	91	680561	46.43	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	834911	47.01	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.626	75	86106	45.39	ug/l	98
82) 4-Chlorotoluene	13.106	91	669627	45.63	ug/l	93
83) tert-Butylbenzene	13.326	119	738304	46.96	ug/l	89
84) 1,2,4-Trimethylbenzene	13.369	105	818512	47.11	ug/l	94
85) sec-Butylbenzene	13.503	105	1035390	45.91	ug/l	97
86) p-Isopropyltoluene	13.619	119	834891	46.75	ug/l	95
87) 1,3-Dichlorobenzene	13.616	146	419512	44.55	ug/l	94
88) 1,4-Dichlorobenzene	13.696	146	404262	43.25	ug/l	95
89) n-Butylbenzene	13.943	91	692198	44.14	ug/l	97
90) Hexachloroethane	14.211	117	160940	44.05	ug/l	98
91) 1,2-Dichlorobenzene	13.989	146	408884	44.97	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.603	75	51594	44.24	ug/l	70
93) 1,2,4-Trichlorobenzene	15.265	180	175626	43.49	ug/l	99
94) Hexachlorobutadiene	15.373	225	99240	42.77	ug/l	98
95) Naphthalene	15.507	128	468532	47.47	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	170472	43.93	ug/l	98

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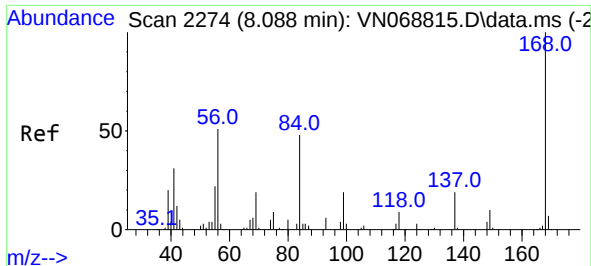
Manual Integrations
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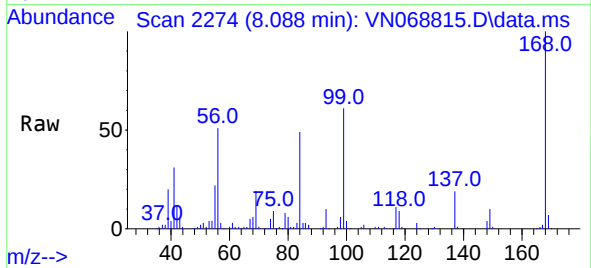
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Quant Title : SW846 8260
QLast Update : Wed Oct 06 13:47:13 2021
Response via : Initial Calibration

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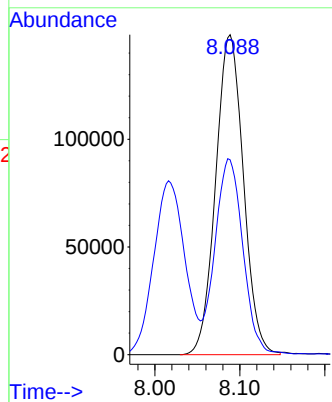
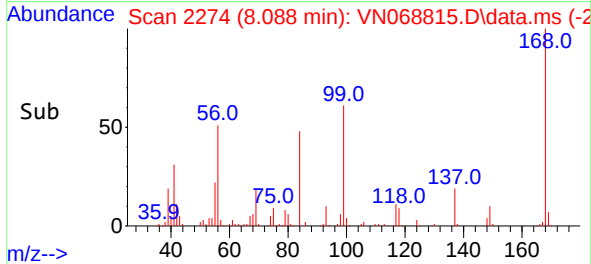
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068815.D
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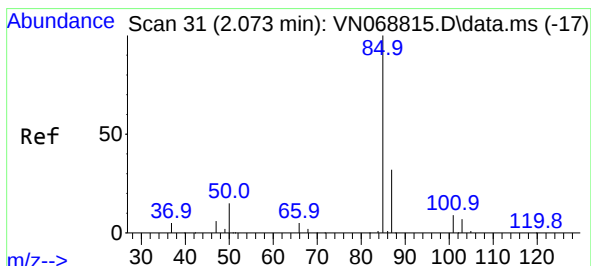
Tgt Ion: 168 Resp: 337525
Ion Ratio Lower Upper
168 100
99 60.1 62.9 94.3#



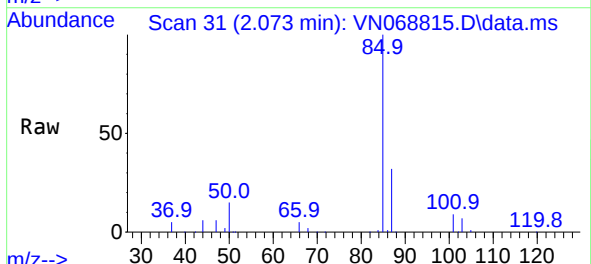
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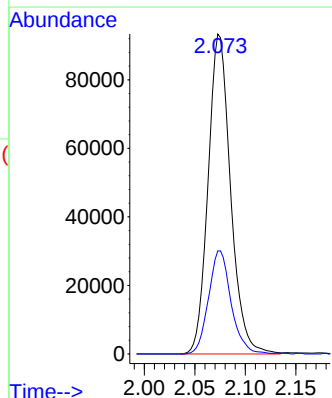
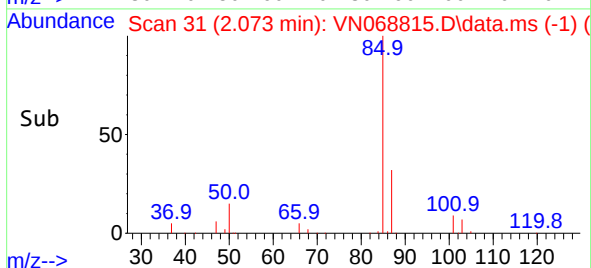
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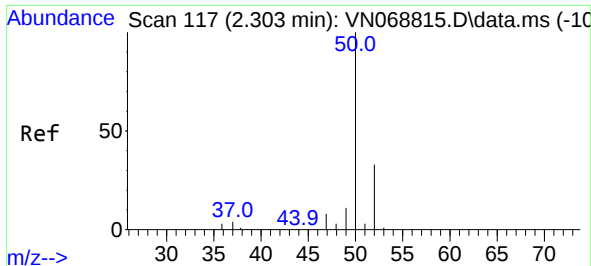


#2
Dichlorodifluoromethane
Concen: 39.74 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16



Tgt Ion: 85 Resp: 144531
Ion Ratio Lower Upper
85 100
87 32.2 16.1 48.2





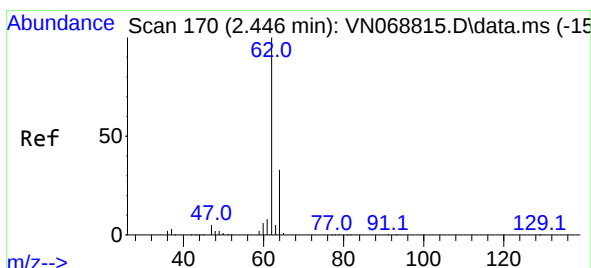
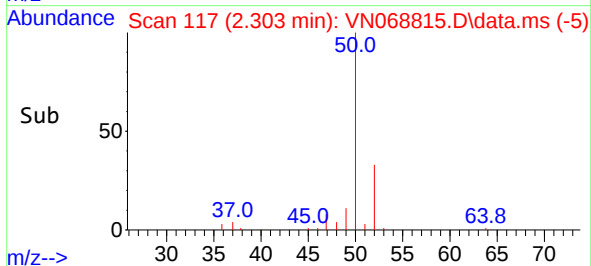
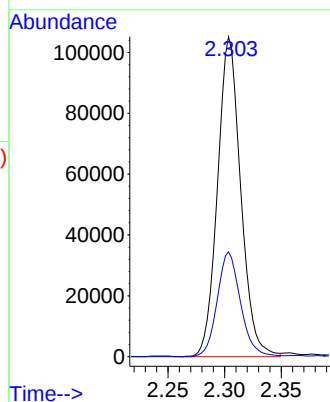
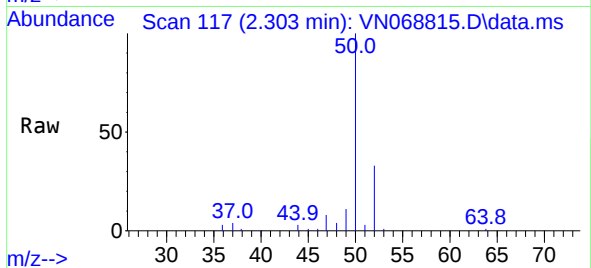
#3
Chloromethane
Concen: 37.19 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion: 50 Resp: 149583
Ion Ratio Lower Upper
50 100
52 32.8 25.6 38.4

Instrument :
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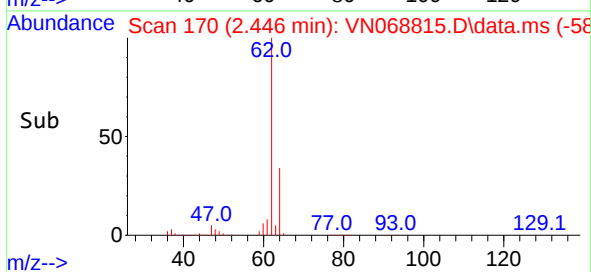
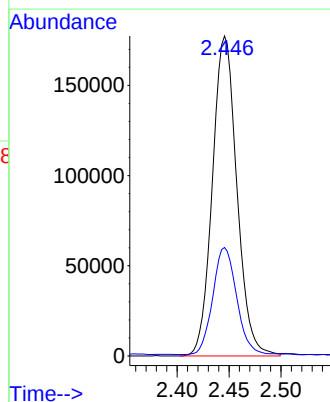
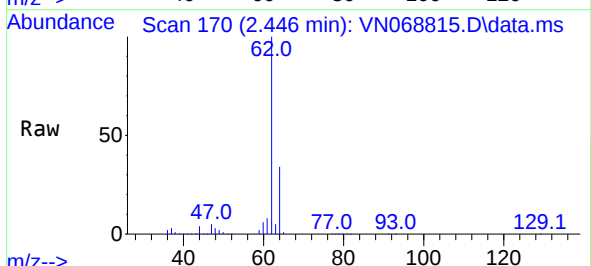
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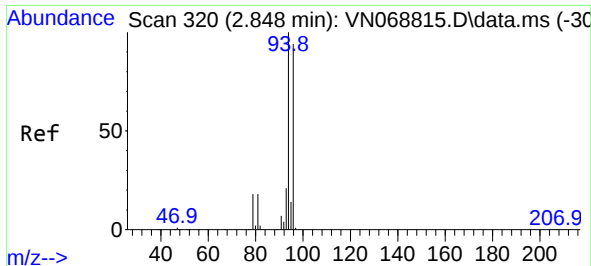
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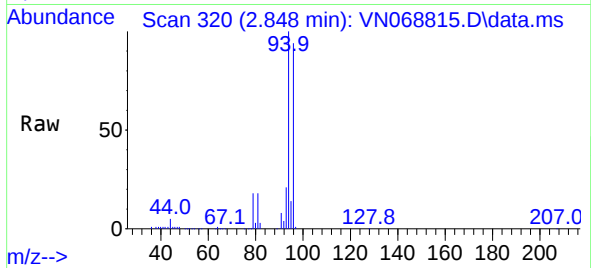
#4
Vinyl Chloride
Concen: 39.13 ug/l
RT: 2.446 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion: 62 Resp: 291061
Ion Ratio Lower Upper
62 100
64 33.4 24.4 36.6

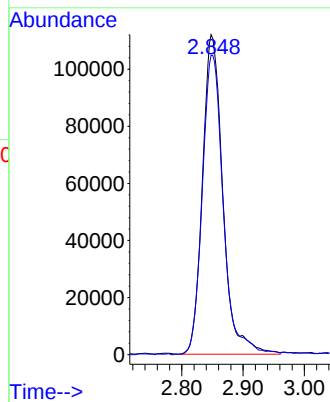
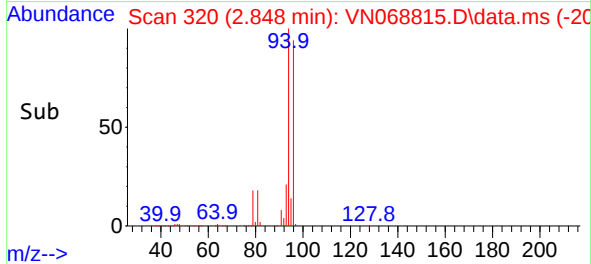




#5
Bromomethane
Concen: 41.93 ug/l
RT: 2.848 min Scan# 320
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16



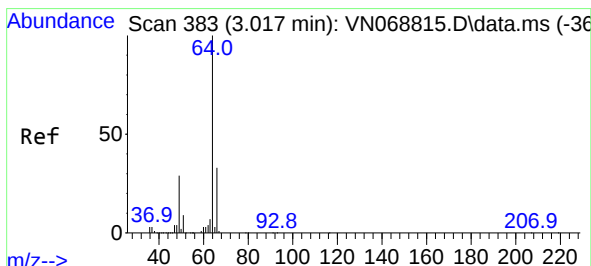
Tgt Ion: 94 Resp: 258514
Ion Ratio Lower Upper
94 100
96 93.5 73.7 110.5



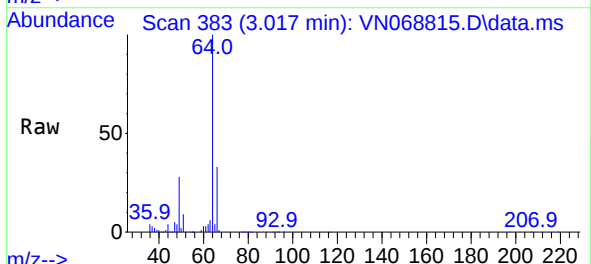
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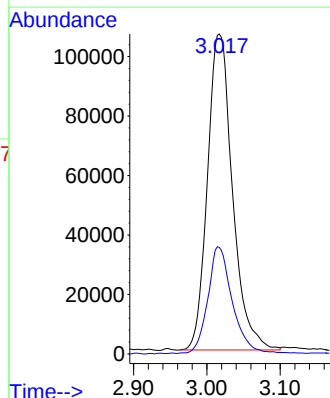
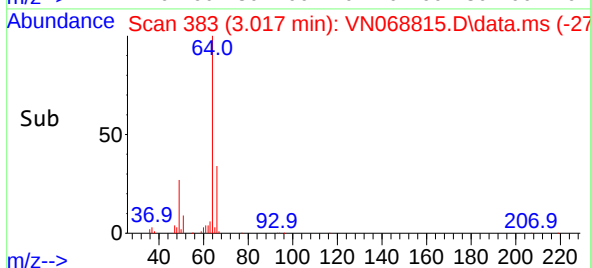
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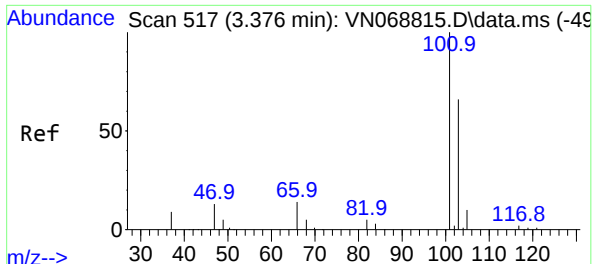


#6
Chloroethane
Concen: 40.15 ug/l
RT: 3.017 min Scan# 383
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16



Tgt Ion: 64 Resp: 252242
Ion Ratio Lower Upper
64 100
66 33.5 24.7 37.1





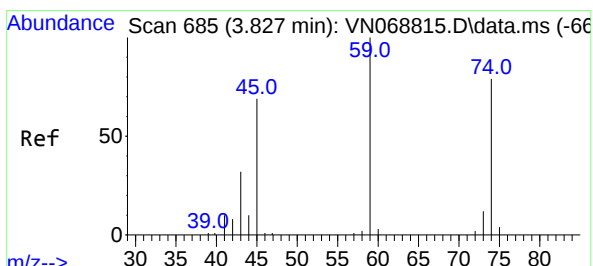
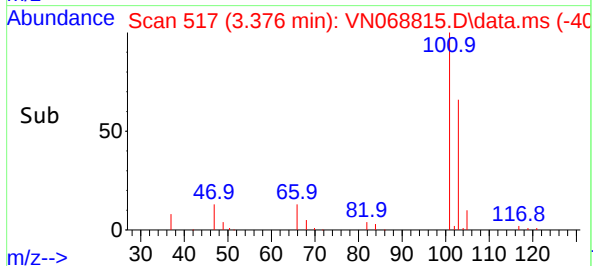
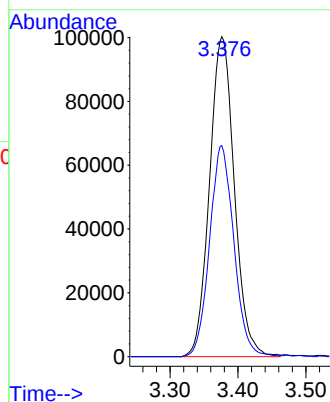
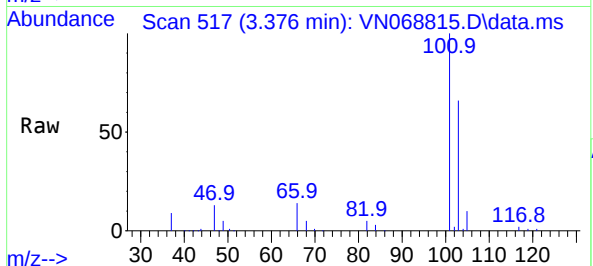
#7
Trichlorofluoromethane
Concen: 39.69 ug/l
RT: 3.376 min Scan# 517
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion:101 Resp: 254686
Ion Ratio Lower Upper
101 100
103 66.0 51.2 76.8

Instrument :
MSVOA_N
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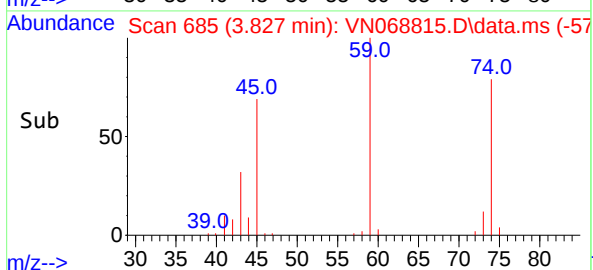
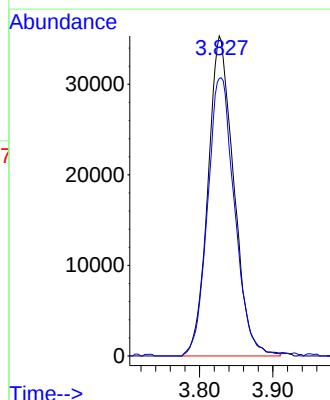
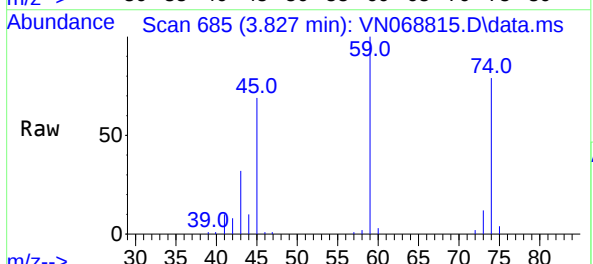
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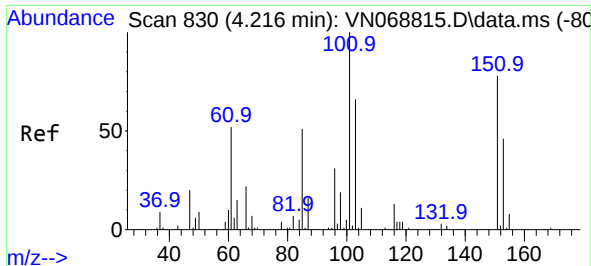
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#8
Diethyl Ether
Concen: 42.71 ug/l
RT: 3.827 min Scan# 685
Delta R.T. 0.000 min
Lab File: VN068815.D
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Tgt Ion: 74 Resp: 86379
Ion Ratio Lower Upper
74 100
45 91.1 50.2 150.7





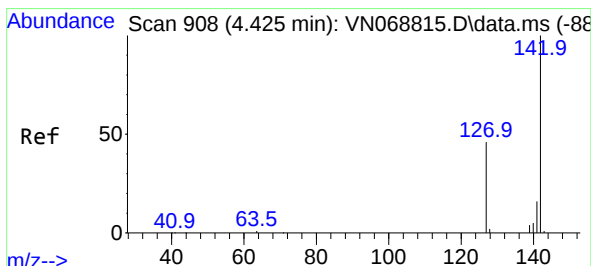
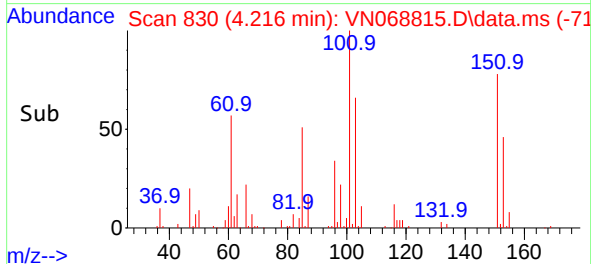
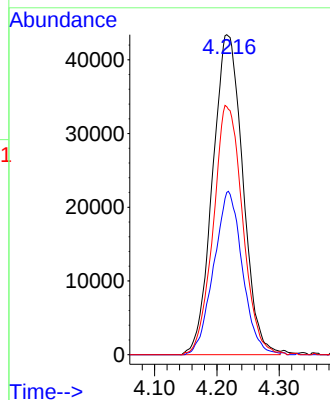
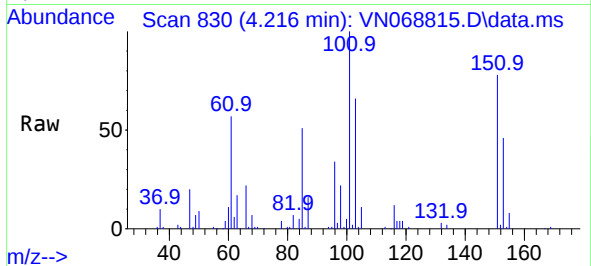
#9
1,1,2-Trichlorotrifluoroethane
Concen: 39.94 ug/l
RT: 4.216 min Scan# 830
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion:	101	Resp:	146196
Ion	Ratio	Lower	Upper
101	100		
85	48.4	39.6	59.4
151	75.5	54.1	81.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

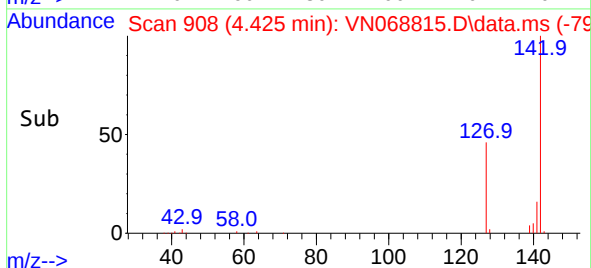
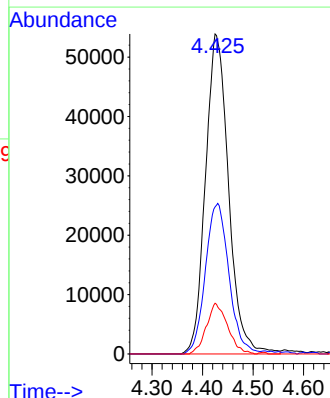
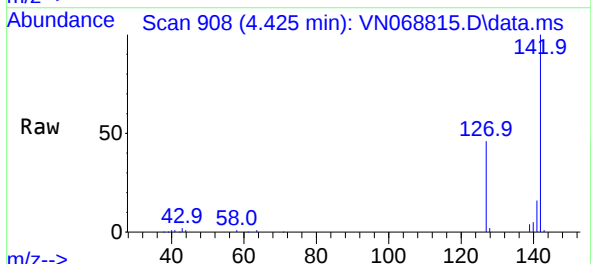
Manual Integrations
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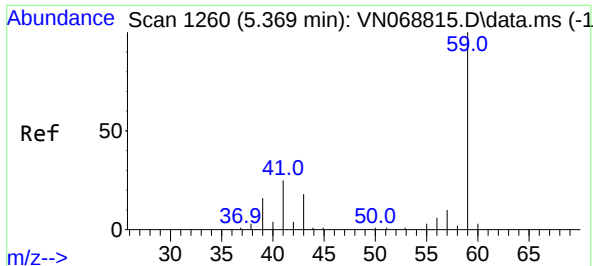
MMDadoda
10/7/2021 5:34:19 PM



#10
Methyl Iodide
Concen: 53.16 ug/l
RT: 4.425 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion:	142	Resp:	171310
Ion	Ratio	Lower	Upper
142	100		
127	47.9	43.1	64.7
141	14.6	11.4	17.0





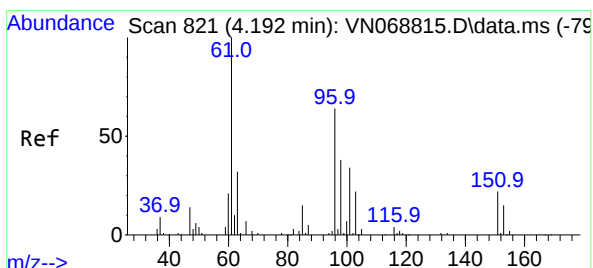
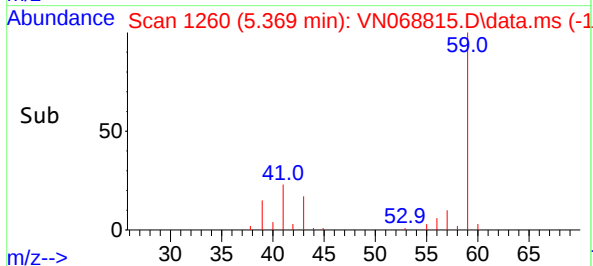
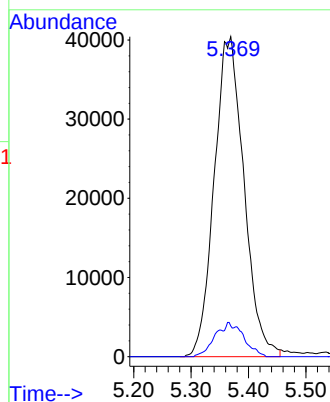
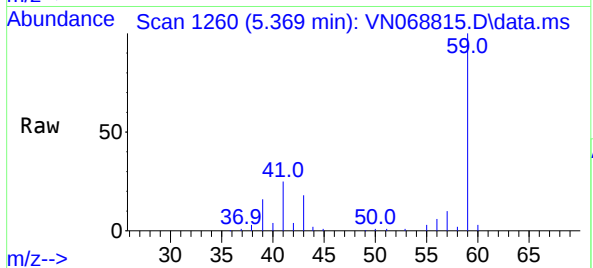
#11
Tert butyl alcohol
Concen: 231.71 ug/l m
RT: 5.369 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion: 59 Resp: 145072
Ion Ratio Lower Upper
59 100
57 3.5 8.7 13.1#

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

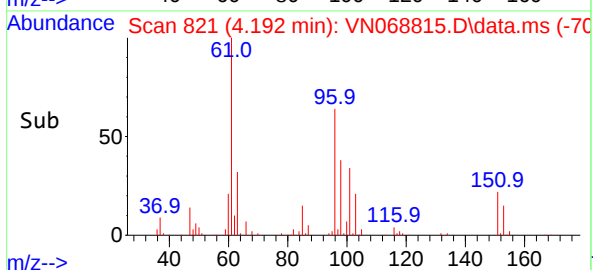
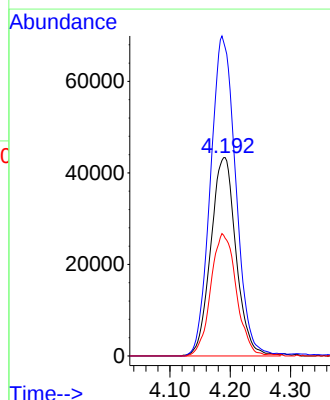
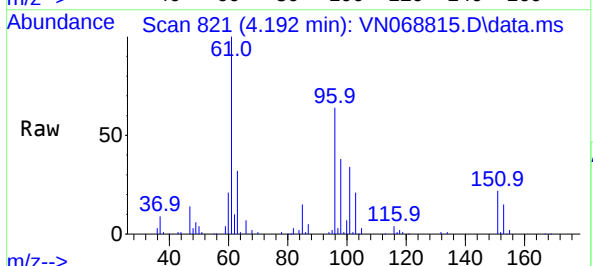
Manual Integrations
APPROVED

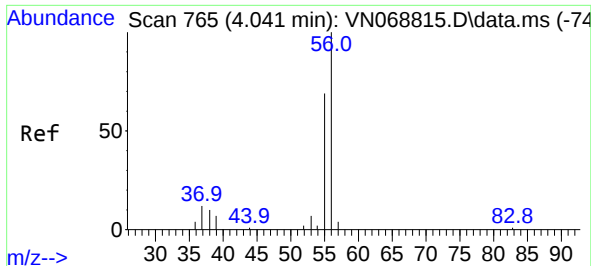
MMDadoda
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#12
1,1-Dichloroethene
Concen: 40.37 ug/l
RT: 4.192 min Scan# 821
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

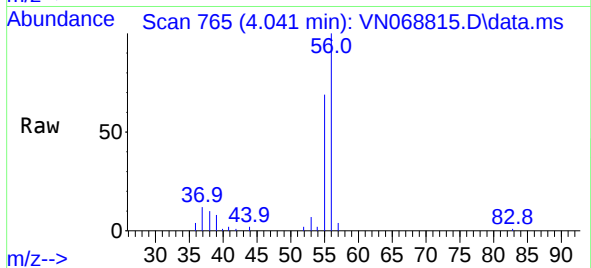
Tgt Ion: 96 Resp: 126434
Ion Ratio Lower Upper
96 100
61 155.4 152.6 229.0
98 59.3 50.9 76.3





#13
Acrolein
Concen: 491.45 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

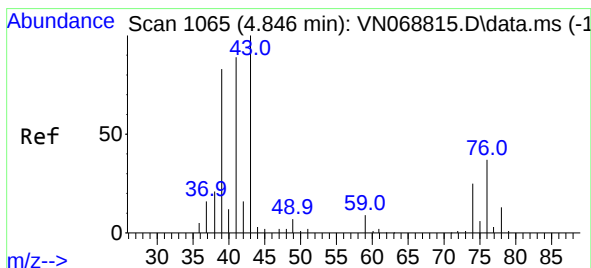
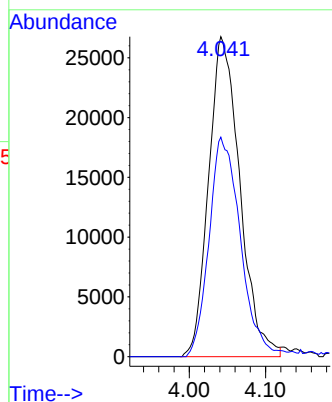
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



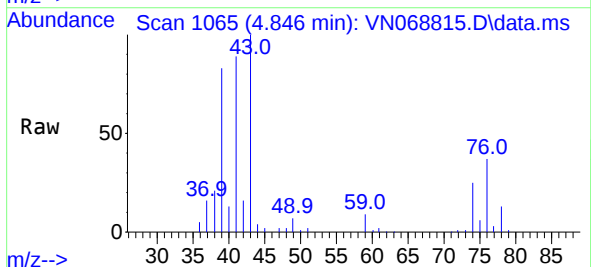
Tgt Ion: 56 Resp: 76079
Ion Ratio Lower Upper
56 100
55 69.0 57.4 86.0

Manual Integrations
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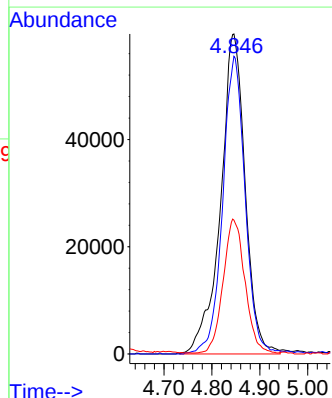
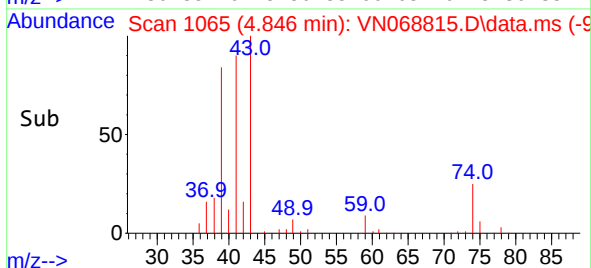
MMDadoda
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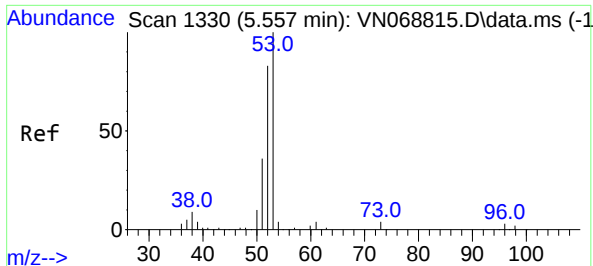


#14
Allyl chloride
Concen: 43.59 ug/l
RT: 4.846 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16



Tgt Ion: 41 Resp: 212646
Ion Ratio Lower Upper
41 100
39 84.7 60.9 91.3
76 36.8 24.3 36.5#





#15
Acrylonitrile
Concen: 224.28 ug/l
RT: 5.557 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

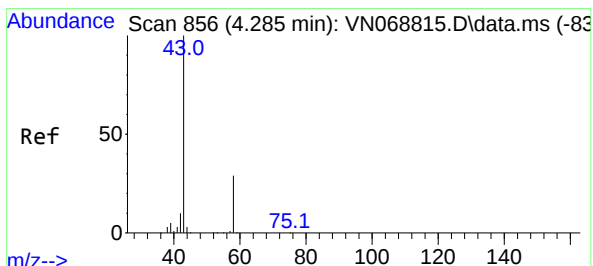
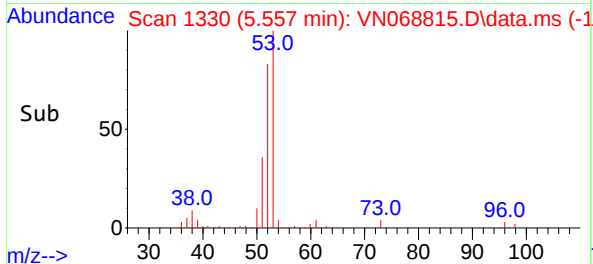
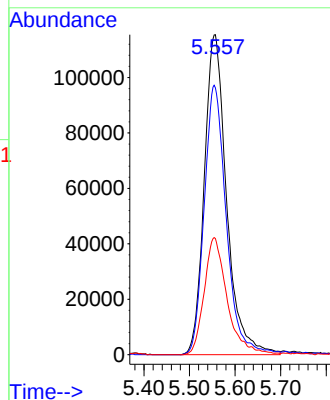
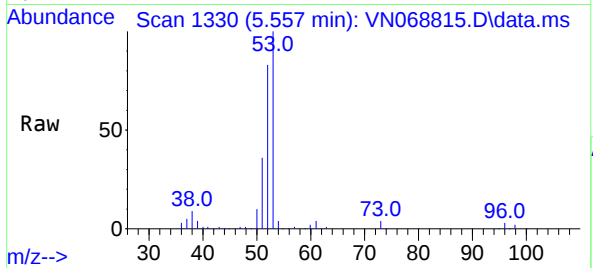
Tgt Ion: 53 Resp: 392713

Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.2	99.2
51	36.5	30.2	45.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
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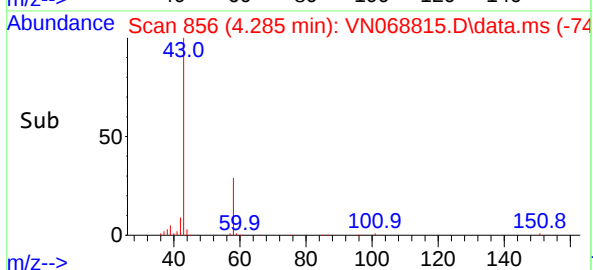
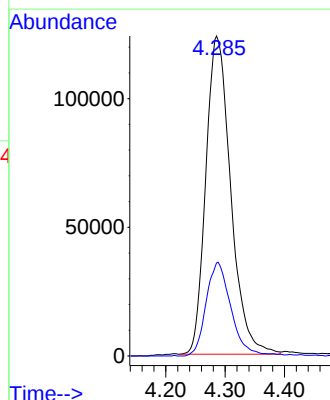
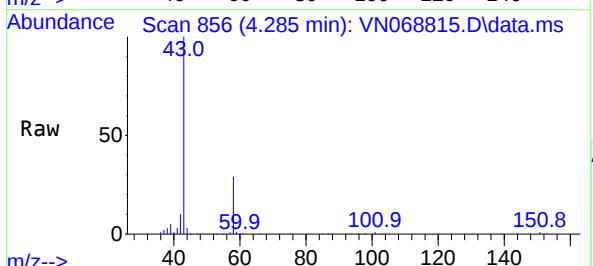
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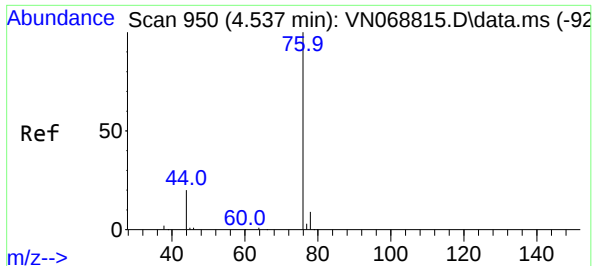


#16
Acetone
Concen: 65.97 ug/l
RT: 4.285 min Scan# 856
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion: 43 Resp: 360777

Ion	Ratio	Lower	Upper
43	100		
58	29.2	21.2	31.8





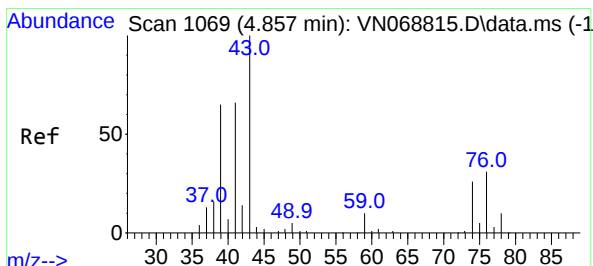
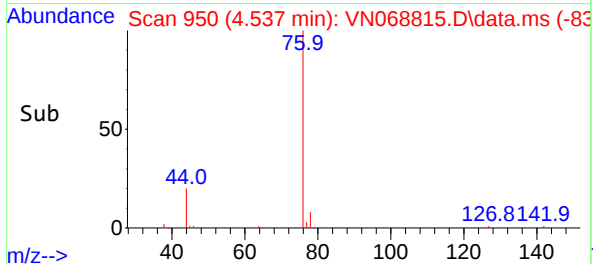
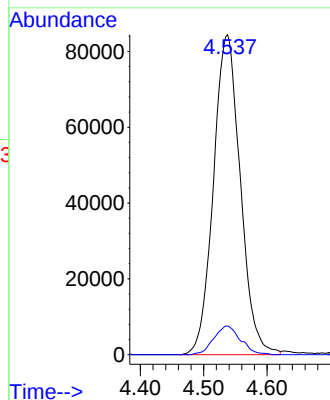
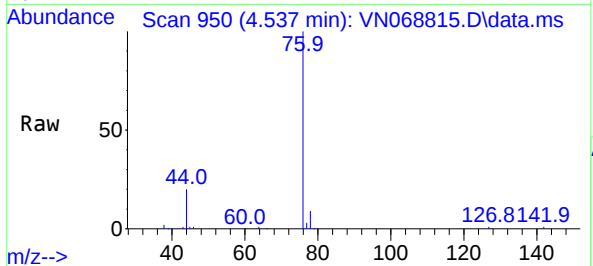
#17
Carbon Disulfide
Concen: 35.80 ug/l
RT: 4.537 min Scan# 950
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion: 76 Resp: 249166
Ion Ratio Lower Upper
76 100
78 9.0 7.7 11.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

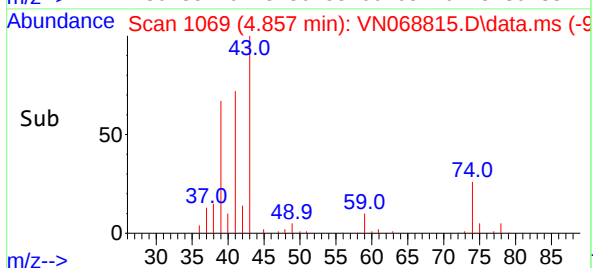
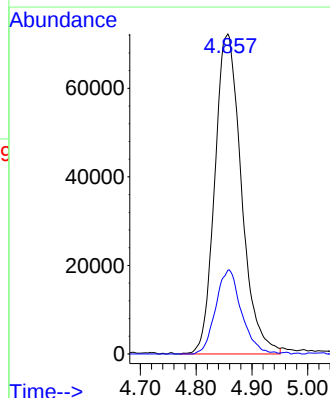
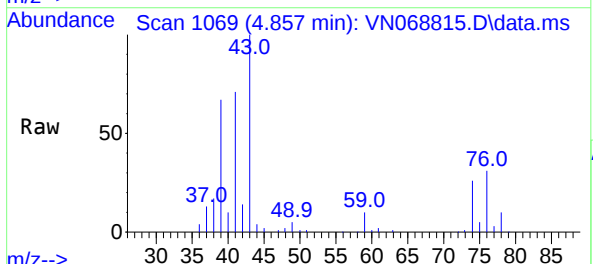
Manual Integrations
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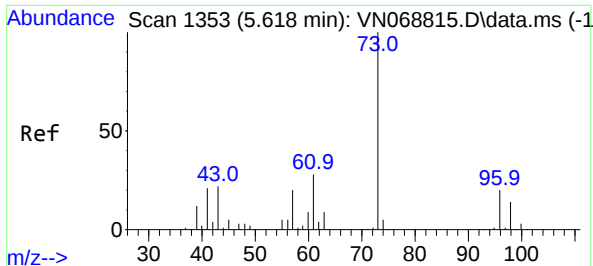
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#18
Methyl Acetate
Concen: 42.73 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion: 43 Resp: 239320
Ion Ratio Lower Upper
43 100
74 25.3 17.4 26.0





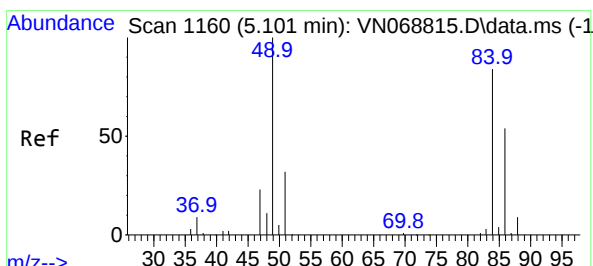
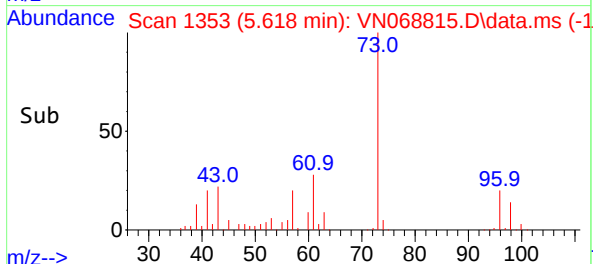
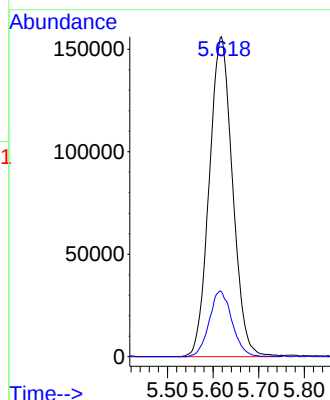
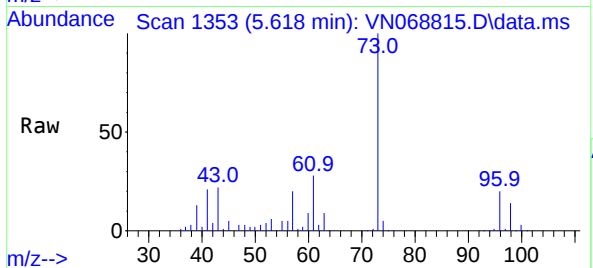
#19
Methyl tert-butyl Ether
Concen: 44.64 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion: 73 Resp: 554369
Ion Ratio Lower Upper
73 100
57 20.2 17.0 25.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

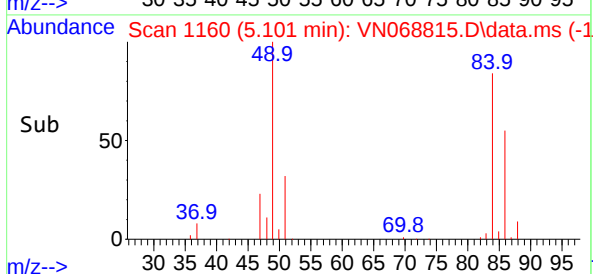
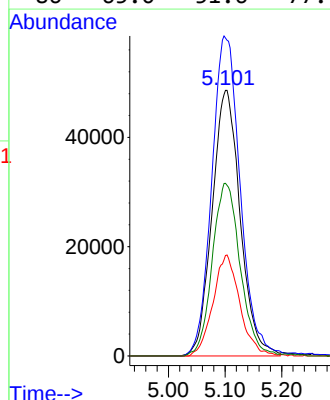
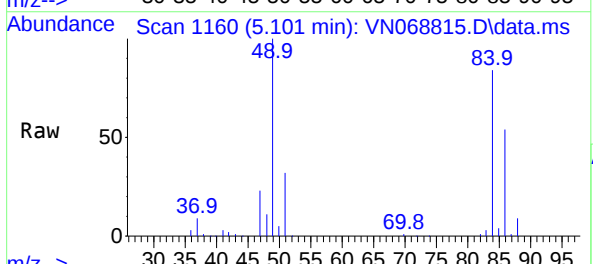
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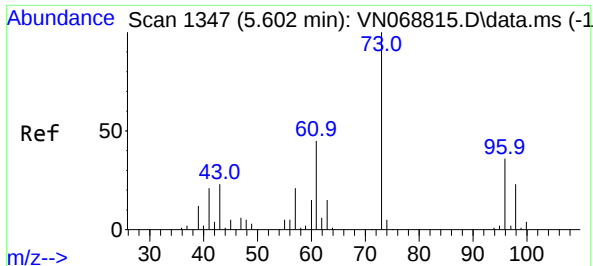
MMDadoda
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#20
Methylene Chloride
Concen: 41.34 ug/l
RT: 5.101 min Scan# 1160
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion: 84 Resp: 167652
Ion Ratio Lower Upper
84 100
49 119.7 110.9 166.3
51 37.8 32.6 49.0
86 65.0 51.6 77.4





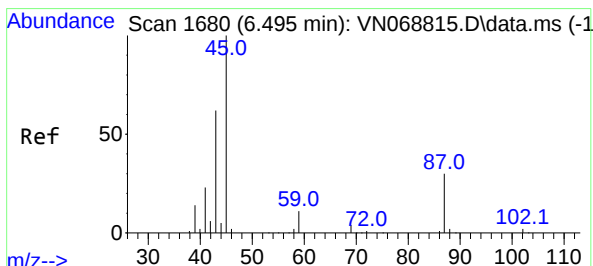
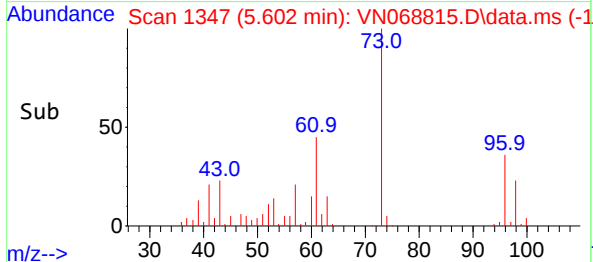
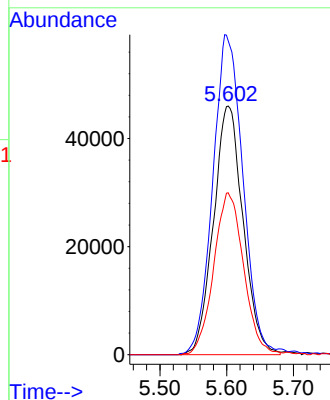
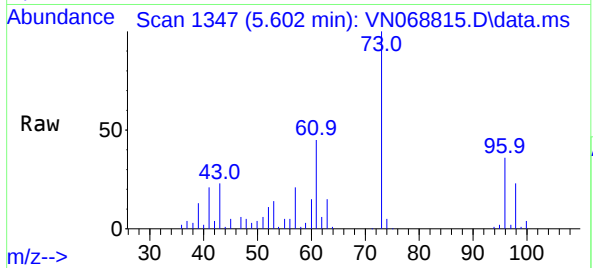
#21
trans-1,2-Dichloroethene
Concen: 40.49 ug/l
RT: 5.602 min Scan# 1347
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion: 96 Resp: 141761
Ion Ratio Lower Upper
96 100
61 125.8 123.5 185.3
98 65.1 48.6 72.8

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

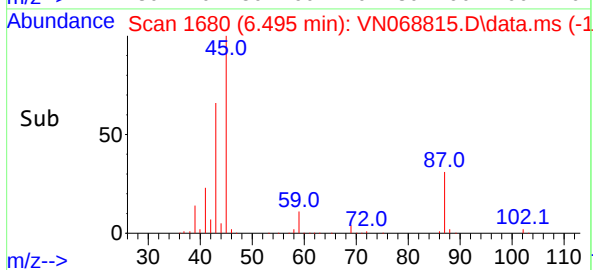
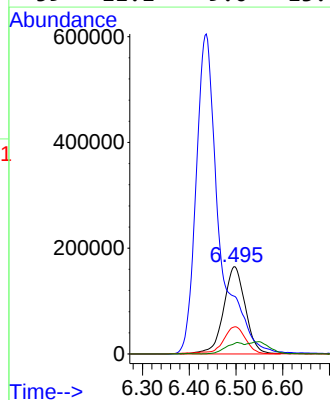
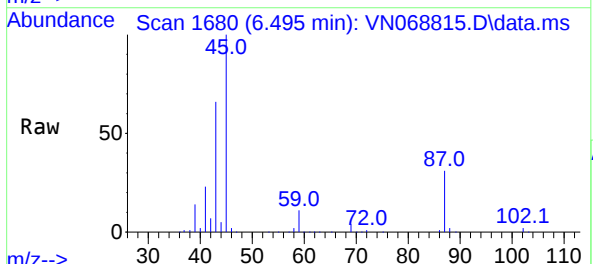
Manual Integrations
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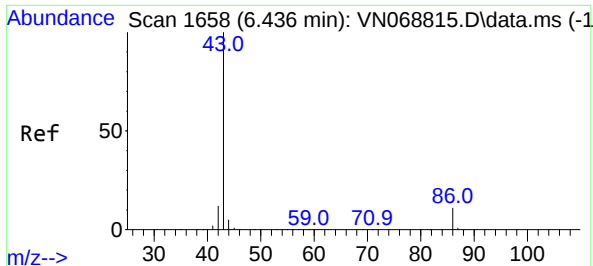
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#22
Diisopropyl ether
Concen: 46.33 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion: 45 Resp: 533072
Ion Ratio Lower Upper
45 100
43 64.1 49.4 74.2
87 30.6 20.9 31.3
59 11.1 9.0 13.4





#23

Vinyl Acetate

Concen: 228.57 ug/l

RT: 6.436 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VN068815.D

Acq: 6 Oct 2021 13:16

Tgt Ion: 43 Resp: 2072832

Ion Ratio Lower Upper

43 100

86 11.0 7.3 10.9#

Instrument :

MSVOA_N

ClientSampleId :

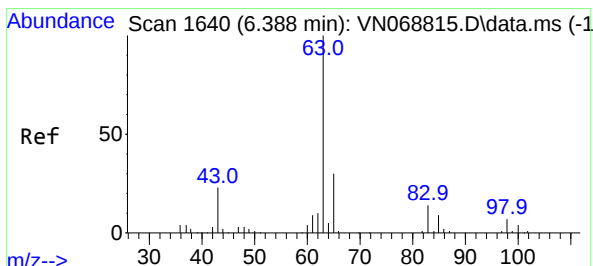
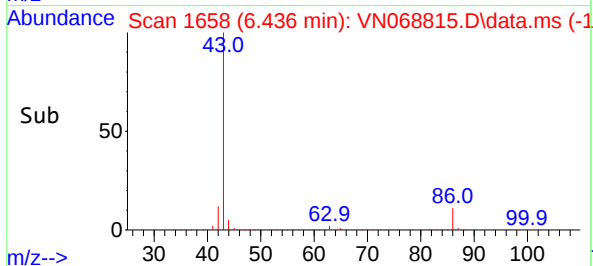
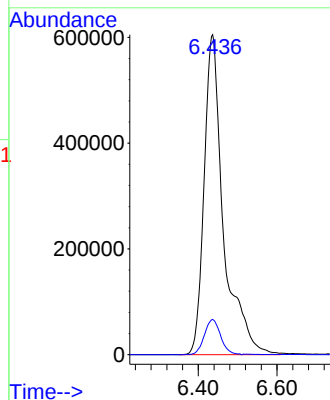
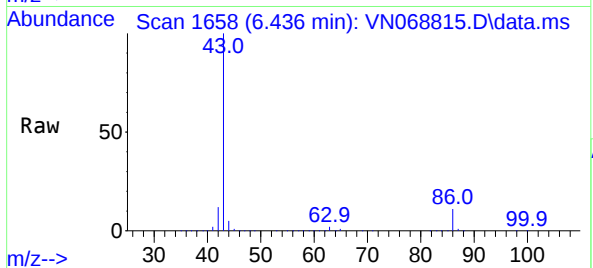
VSTDICCC050

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 43.14 ug/l

RT: 6.388 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VN068815.D

Acq: 6 Oct 2021 13:16

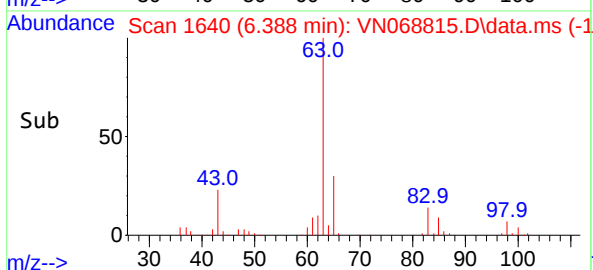
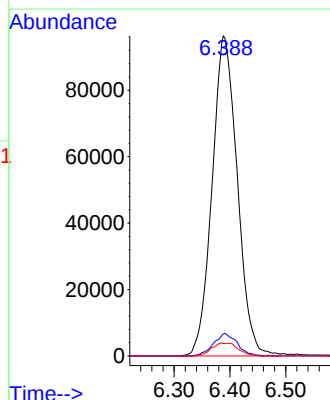
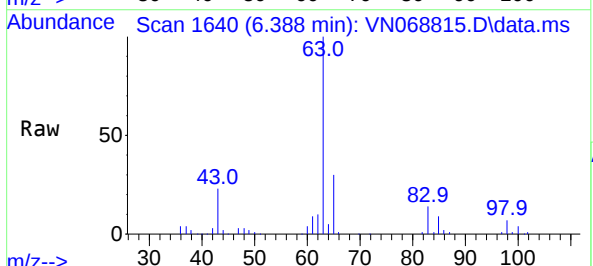
Tgt Ion: 63 Resp: 302030

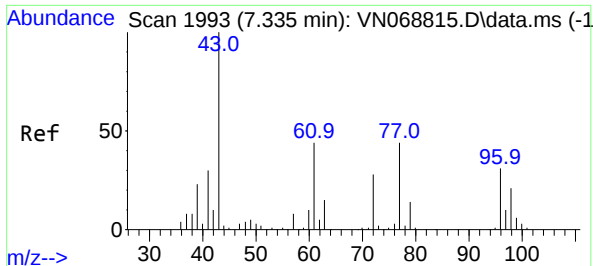
Ion Ratio Lower Upper

63 100

98 6.9 3.0 9.0

100 3.9 1.9 5.7





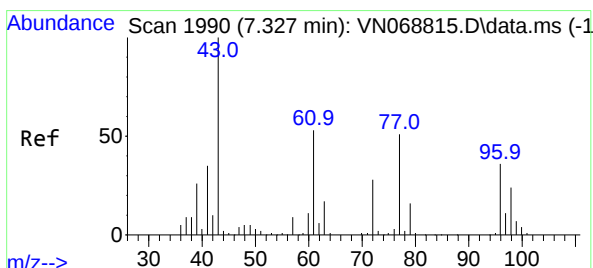
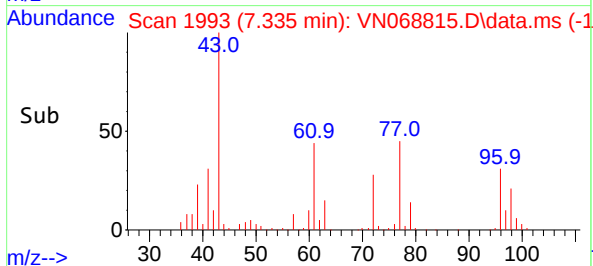
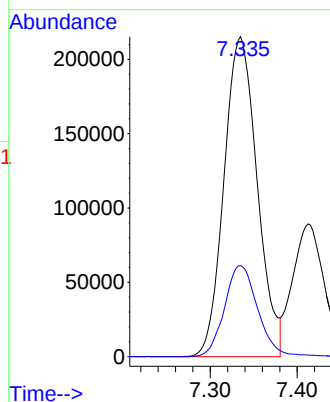
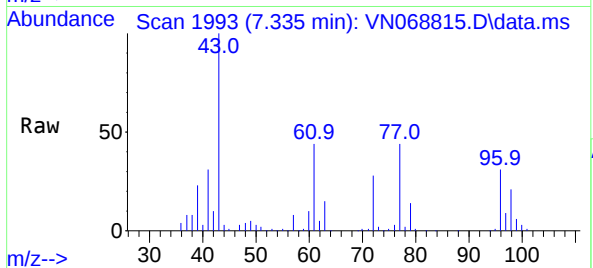
#25
2-Butanone
Concen: 219.44 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion: 43 Resp: 571605
Ion Ratio Lower Upper
43 100
72 28.5 19.7 29.5

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

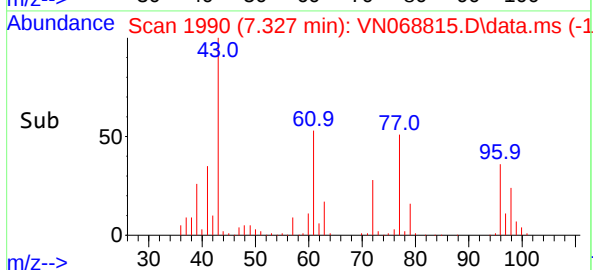
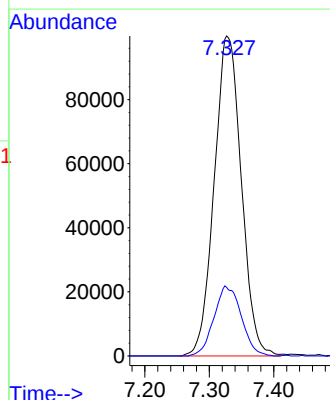
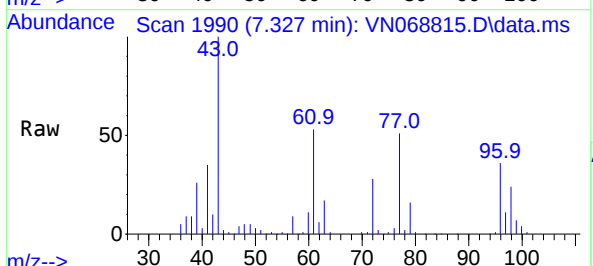
Manual Integrations
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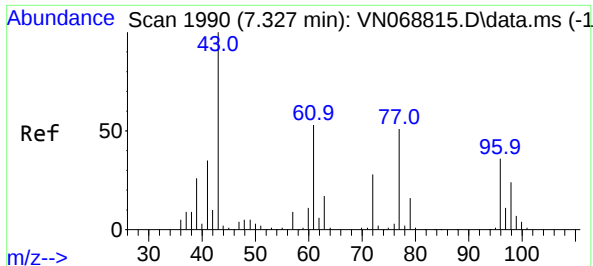
MMDadoda
10/7/2021 5:34:19 PM



#26
2,2-Dichloropropane
Concen: 44.22 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion: 77 Resp: 291364
Ion Ratio Lower Upper
77 100
97 22.1 9.8 29.3





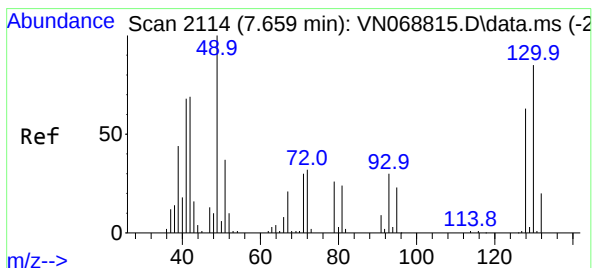
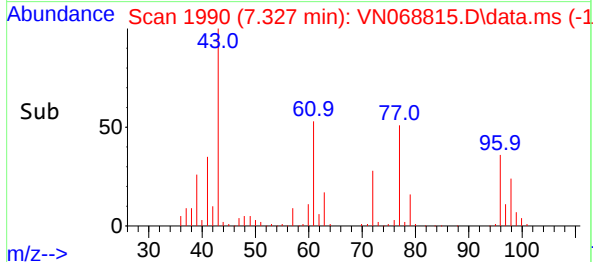
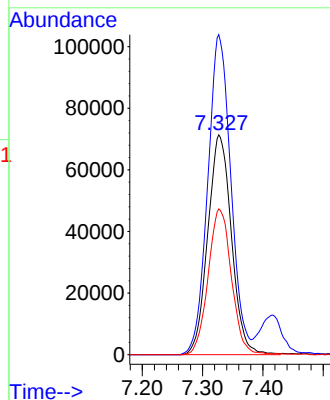
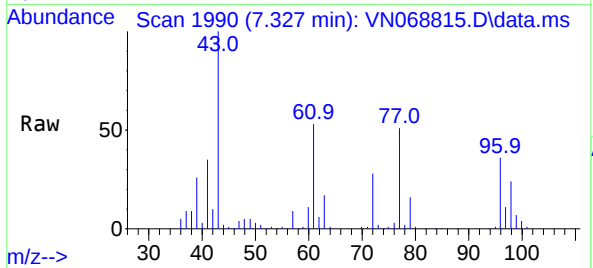
#27
 cis-1,2-Dichloroethene
 Concen: 43.20 ug/l
 RT: 7.327 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN068815.D
 Acq: 6 Oct 2021 13:16

Tgt Ion: 96 Resp: 194836
 Ion Ratio Lower Upper
 96 100
 61 142.0 0.0 338.8
 98 65.1 0.0 129.8

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

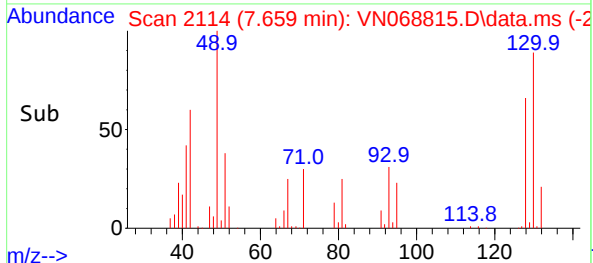
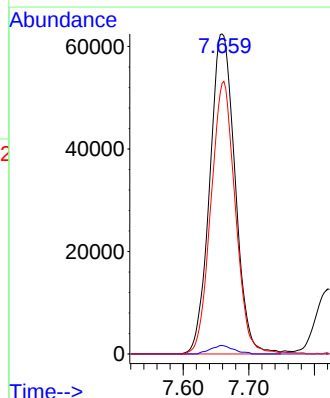
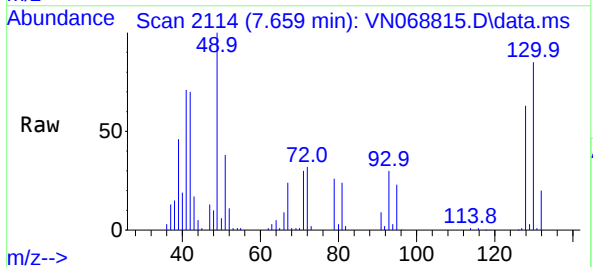
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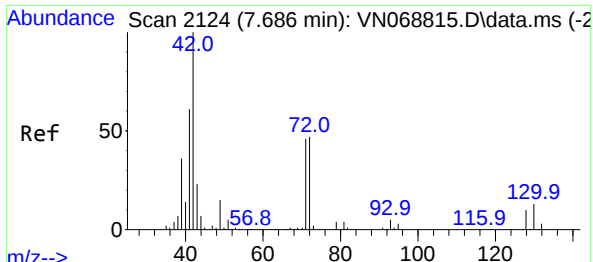
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#28
 Bromochloromethane
 Concen: 51.33 ug/l
 RT: 7.659 min Scan# 2114
 Delta R.T. 0.000 min
 Lab File: VN068815.D
 Acq: 6 Oct 2021 13:16

Tgt Ion: 49 Resp: 167315
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 3.8
 130 81.7 49.7 74.5#





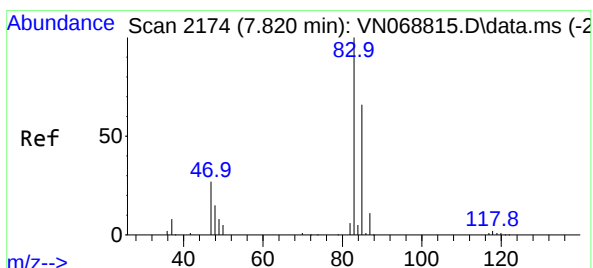
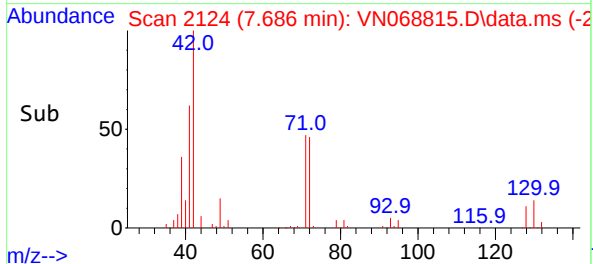
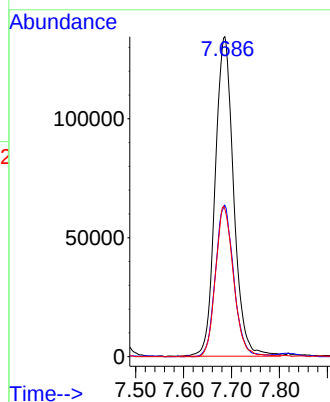
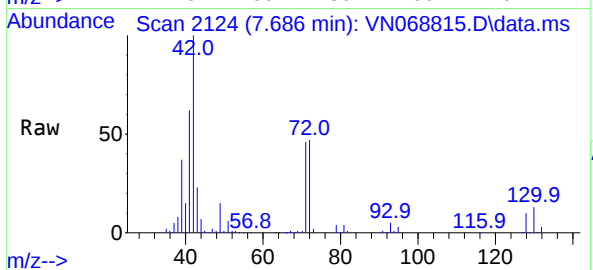
#29
Tetrahydrofuran
Concen: 223.95 ug/l
RT: 7.686 min Scan# 2124
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion: 42 Resp: 359433
Ion Ratio Lower Upper
42 100
72 47.0 32.8 49.2
71 45.6 31.2 46.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

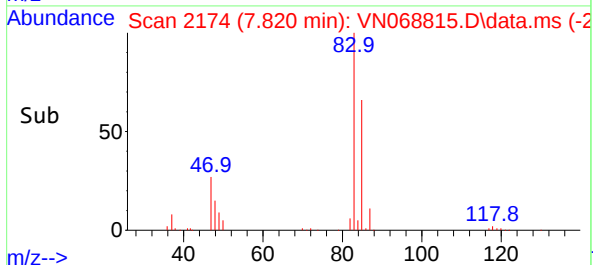
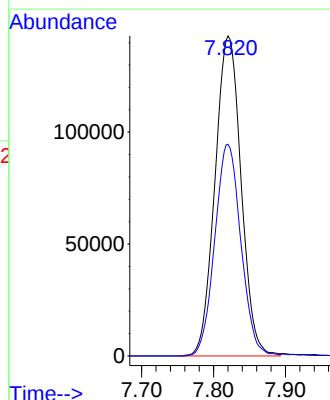
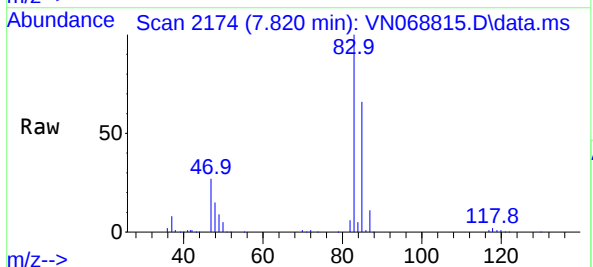
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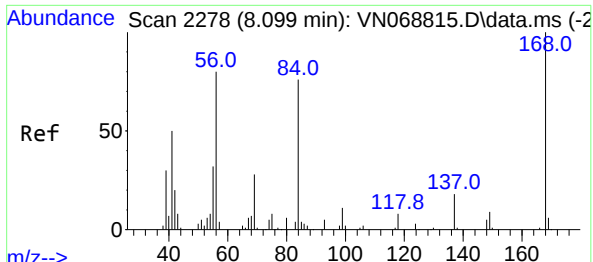
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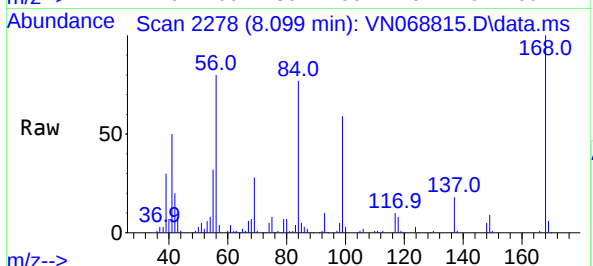
#30
Chloroform
Concen: 43.91 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion: 83 Resp: 360543
Ion Ratio Lower Upper
83 100
85 66.1 51.5 77.3

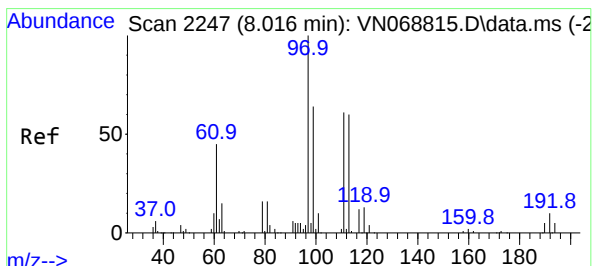
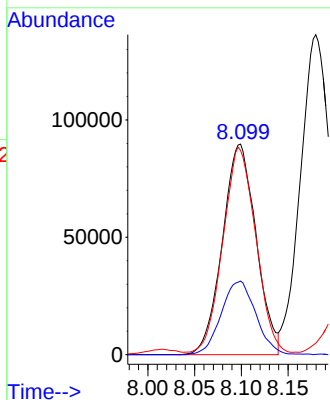
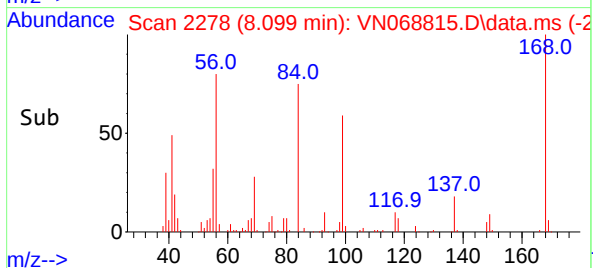




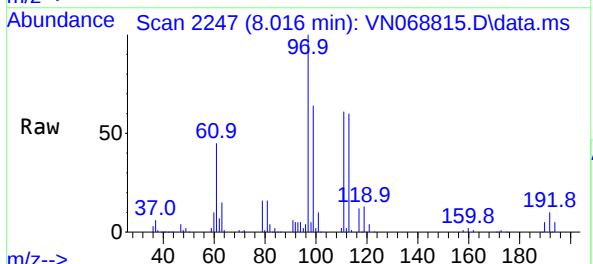
#31
Cyclohexane
Concen: 38.28 ug/l
RT: 8.099 min Scan# 2278
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16



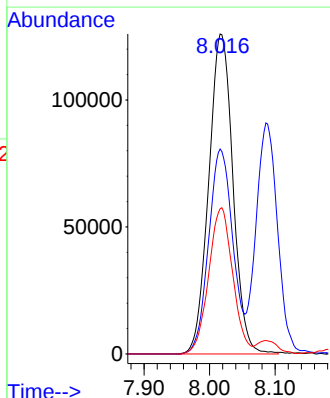
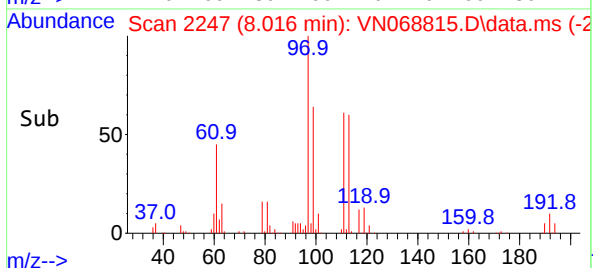
Tgt Ion: 56 Resp: 225420
Ion Ratio Lower Upper
56 100
69 34.9 27.3 40.9
84 95.4 64.9 97.3



#32
1,1,1-Trichloroethane
Concen: 44.21 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16



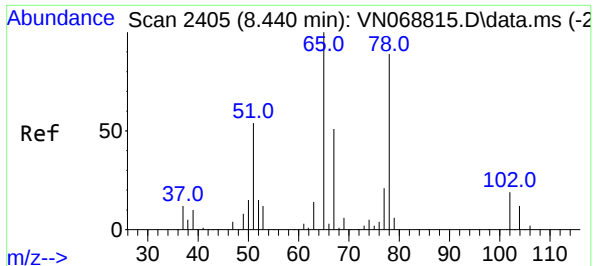
Tgt Ion: 97 Resp: 322836
Ion Ratio Lower Upper
97 100
99 64.0 50.2 75.2
61 45.5 38.2 57.2



Instrument :
MSVOA_N
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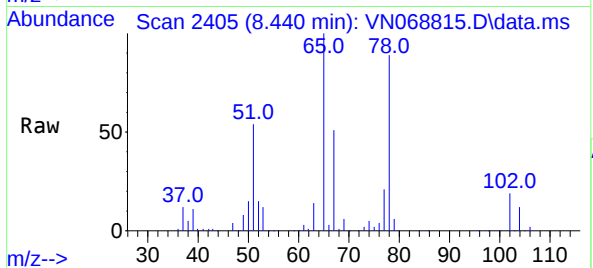
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#33
1,2-Dichloroethane-d4
Concen: 53.89 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

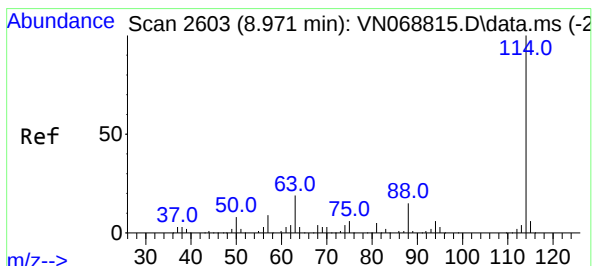
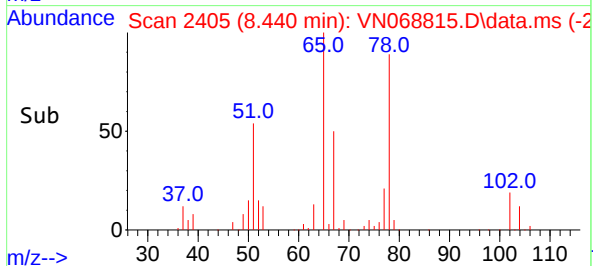
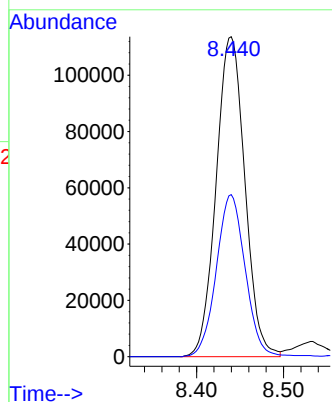
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 65 Resp: 261435
Ion Ratio Lower Upper
65 100
67 50.8 0.0 98.6

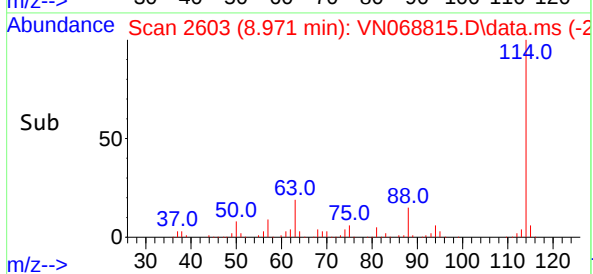
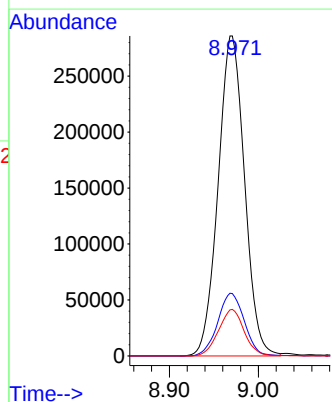
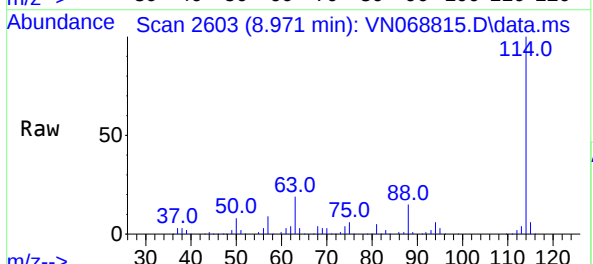
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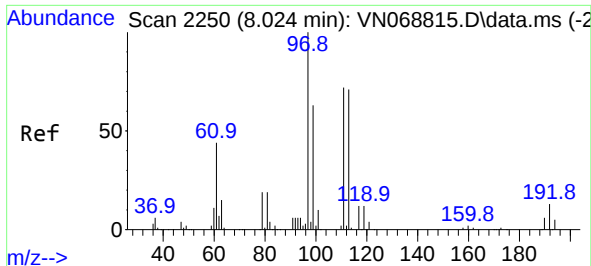
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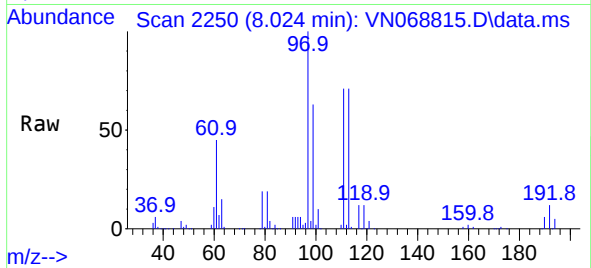
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion: 114 Resp: 589246
Ion Ratio Lower Upper
114 100
63 19.5 0.0 49.0
88 14.6 0.0 36.6

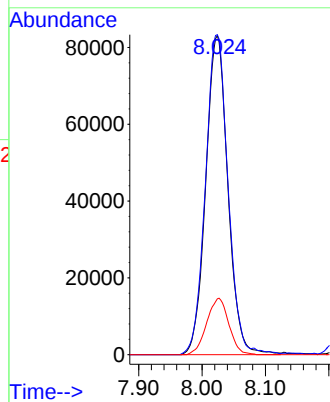
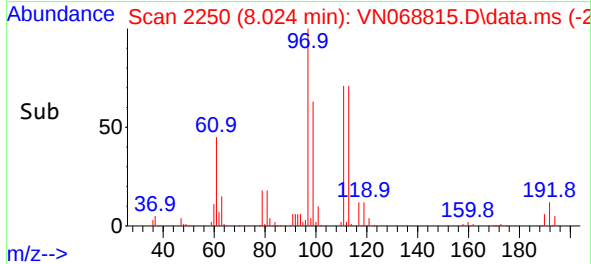




#35
Dibromofluoromethane
Concen: 53.70 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16



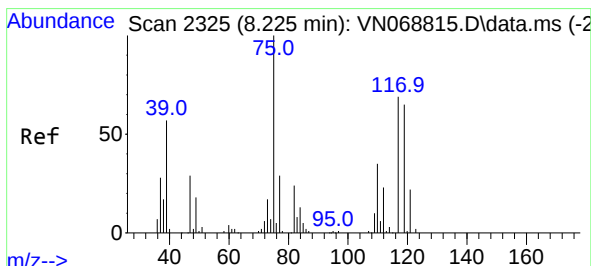
Tgt Ion:113 Resp: 201343
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.8
192 17.7 13.4 20.0



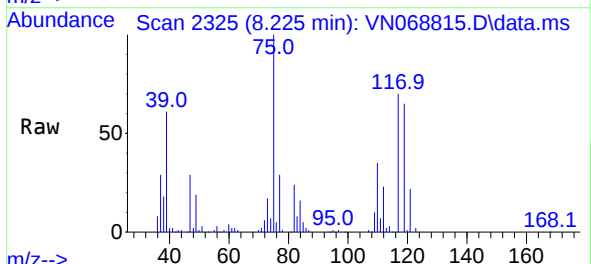
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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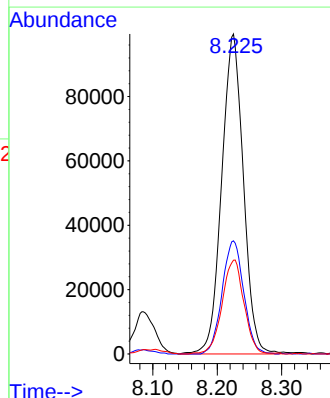
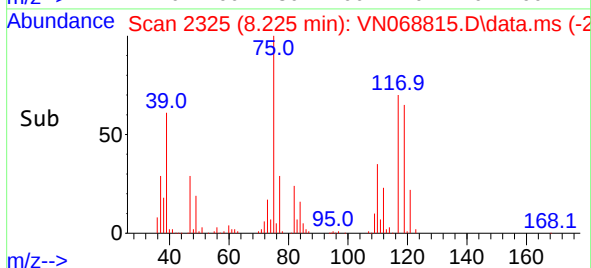
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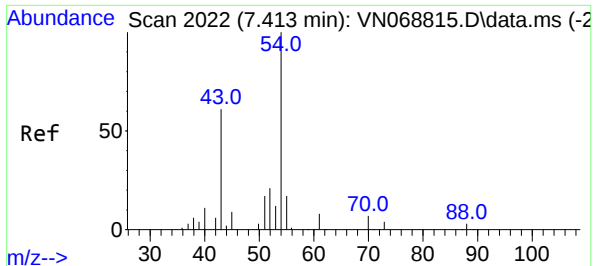


#36
1,1-Dichloropropene
Concen: 42.60 ug/l
RT: 8.225 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16



Tgt Ion: 75 Resp: 232390
Ion Ratio Lower Upper
75 100
110 35.3 15.7 47.0
77 29.7 24.6 37.0





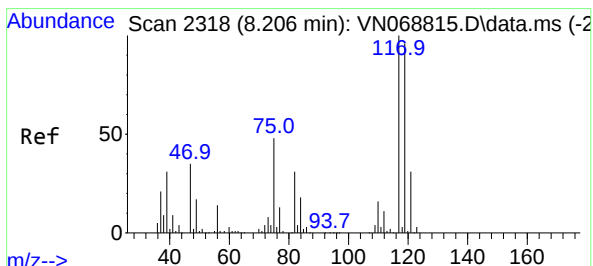
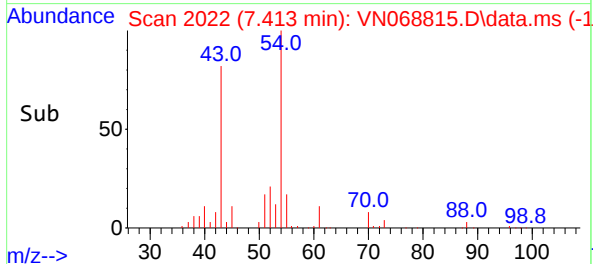
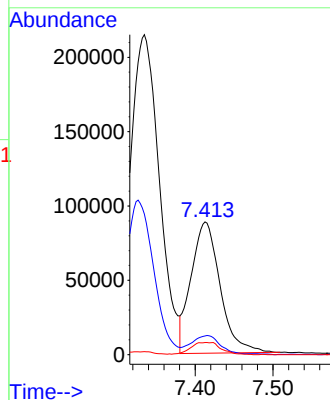
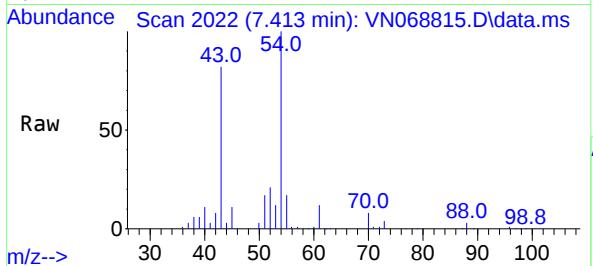
#37
Ethyl Acetate
Concen: 44.36 ug/l
RT: 7.413 min Scan# 2022
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion: 43 Resp: 229459
Ion Ratio Lower Upper
43 100
61 13.4 10.6 16.0
70 9.7 8.1 12.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

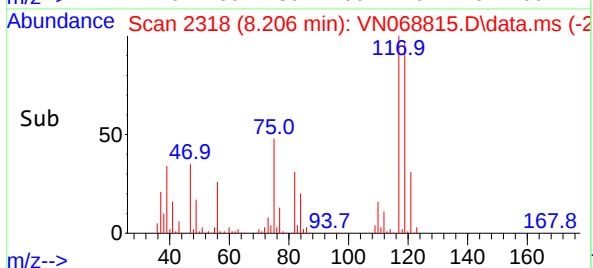
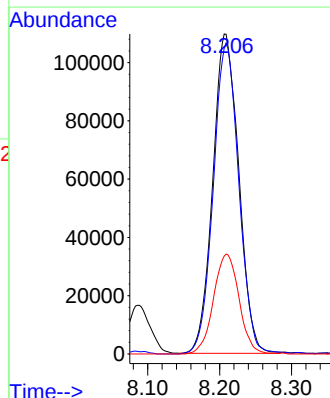
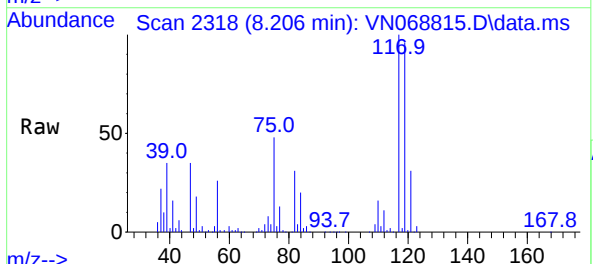
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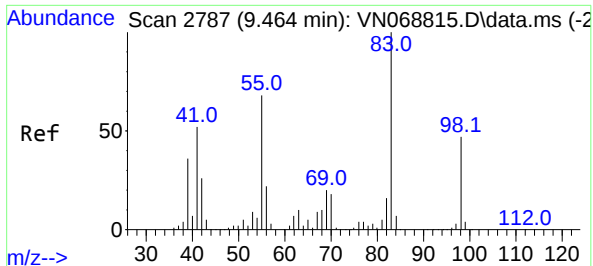
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#38
Carbon Tetrachloride
Concen: 42.45 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion: 117 Resp: 274395
Ion Ratio Lower Upper
117 100
119 95.7 75.4 113.2
121 30.7 23.5 35.3





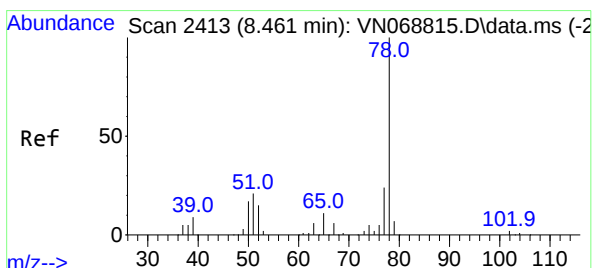
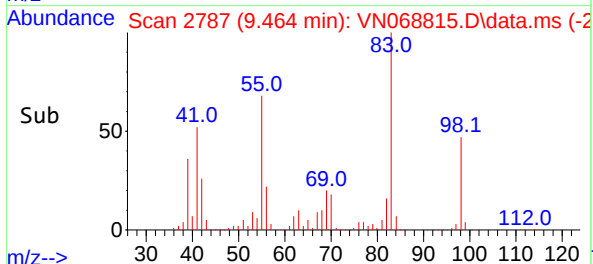
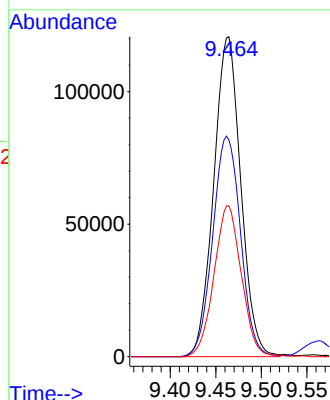
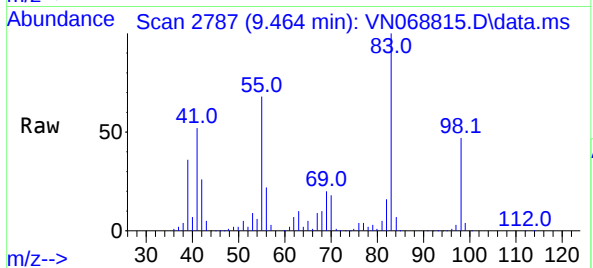
#39
Methylcyclohexane
Concen: 39.87 ug/l
RT: 9.464 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion: 83 Resp: 249960
Ion Ratio Lower Upper
83 100
55 67.8 66.6 99.8
98 47.1 35.3 52.9

Instrument :
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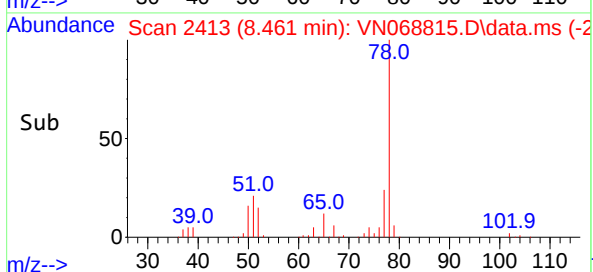
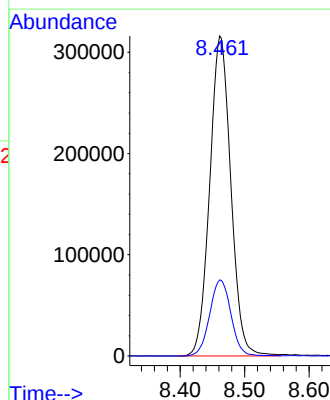
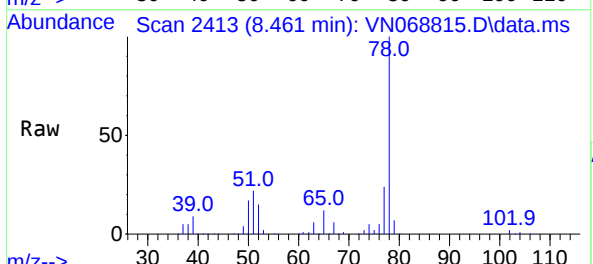
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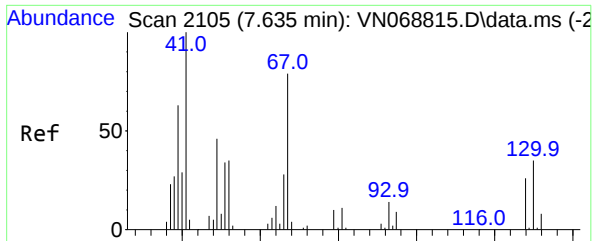
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#40
Benzene
Concen: 43.25 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

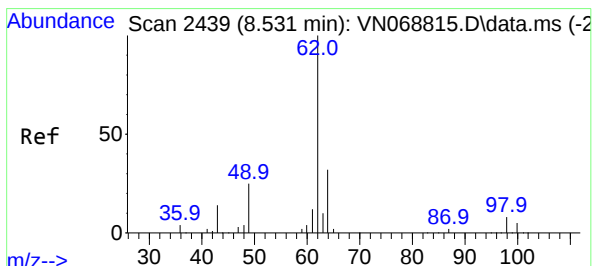
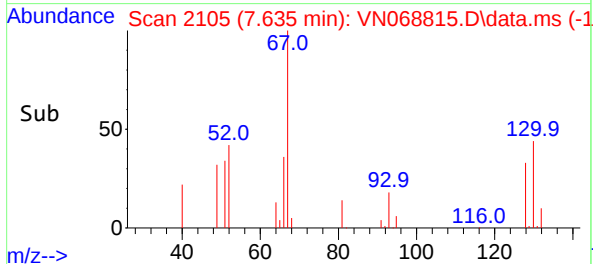
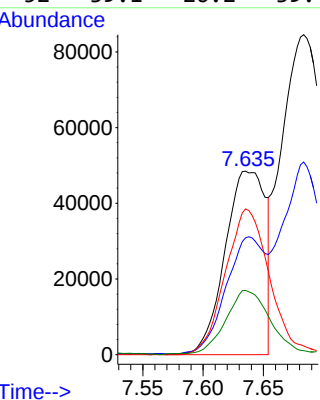
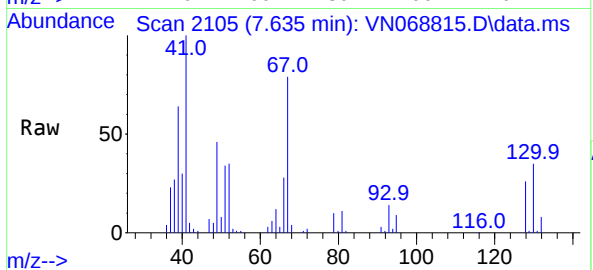
Tgt Ion: 78 Resp: 719040
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3





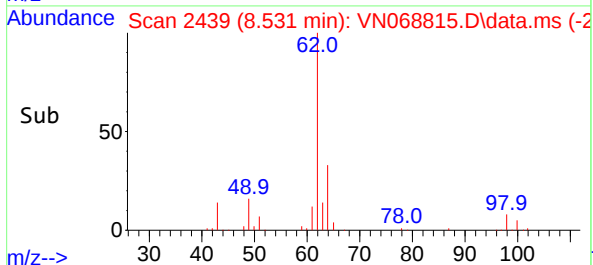
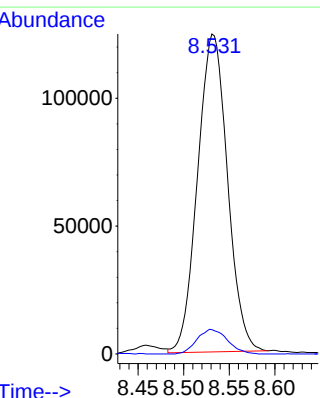
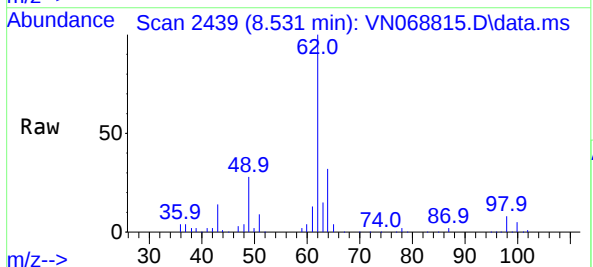
#41
Methacrylonitrile
Concen: 45.79 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion: 41 Resp: 112994
Ion Ratio Lower Upper
41 100
39 62.1 47.6 71.4
67 86.9 57.7 86.5#
52 39.1 26.2 39.4



#42
1,2-Dichloroethane
Concen: 43.38 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

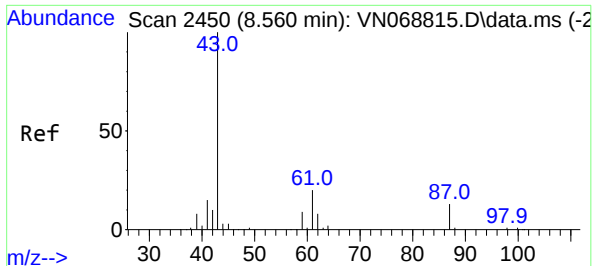
Tgt Ion: 62 Resp: 283070
Ion Ratio Lower Upper
62 100
98 7.9 0.0 14.2



Instrument :
MSVOA_N
ClientSampleId :
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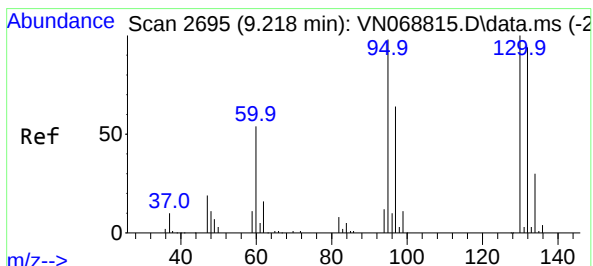
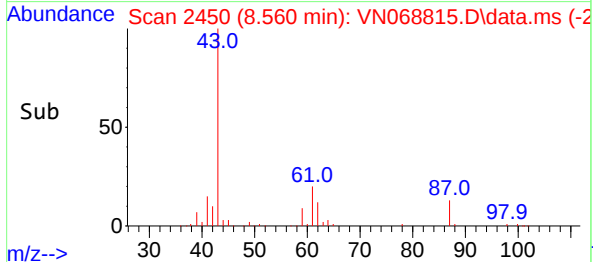
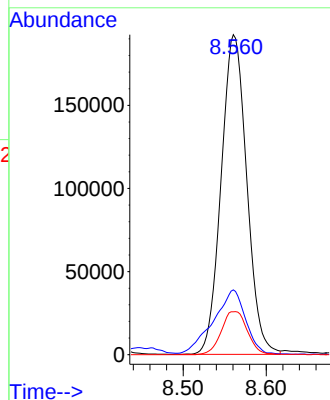
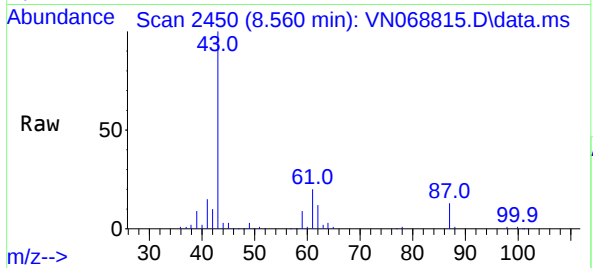
#43
Isopropyl Acetate
Concen: 43.50 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion: 43 Resp: 411693
Ion Ratio Lower Upper
43 100
61 25.5 19.0 28.4
87 13.8 9.5 14.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

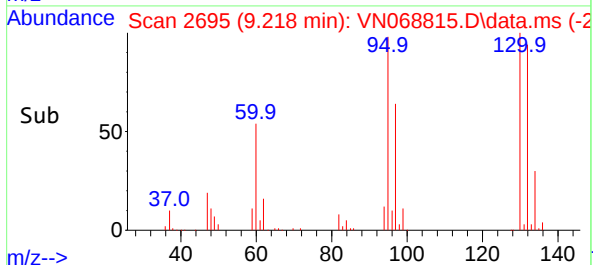
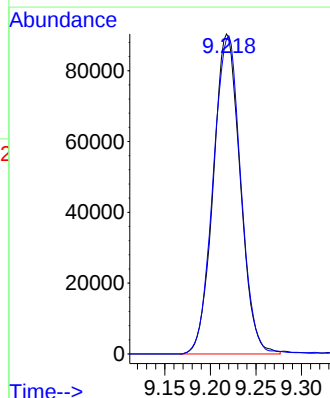
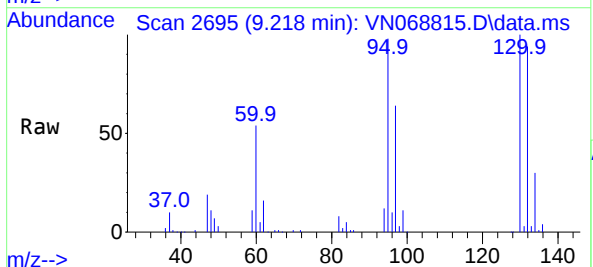
Manual Integrations
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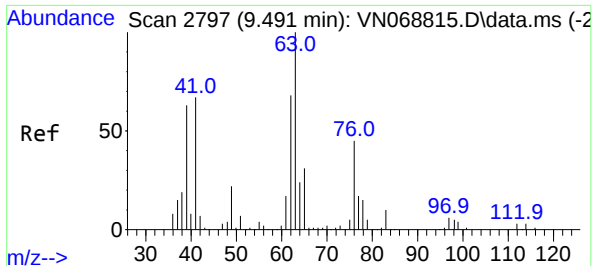
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#44
Trichloroethene
Concen: 41.94 ug/l
RT: 9.218 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion:130 Resp: 185155
Ion Ratio Lower Upper
130 100
95 98.4 0.0 234.4





#45

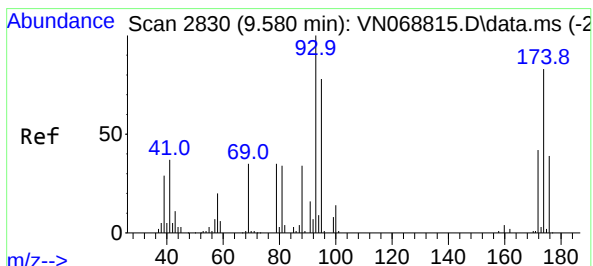
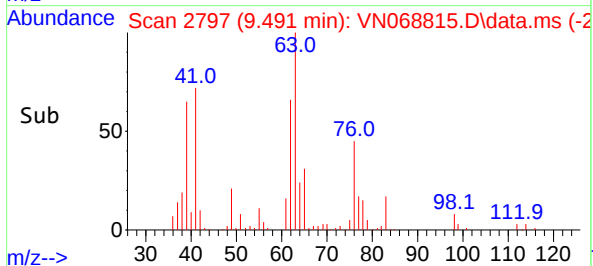
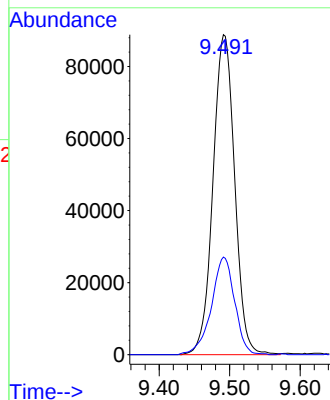
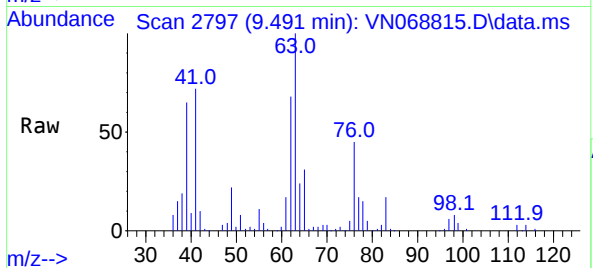
1,2-Dichloropropane
Concen: 44.19 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion: 63 Resp: 189846
Ion Ratio Lower Upper
63 100
65 30.3 24.3 36.5

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Manual Integrations
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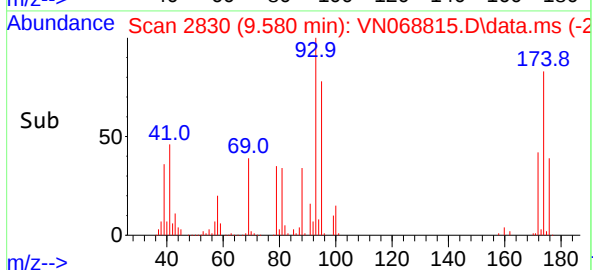
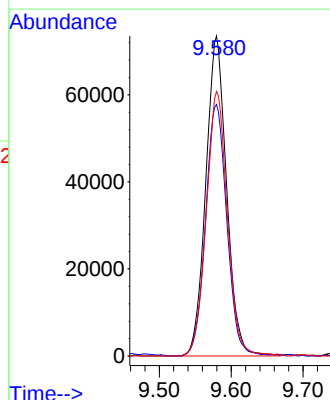
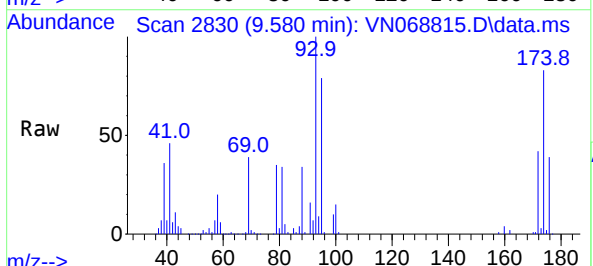
MMDadoda
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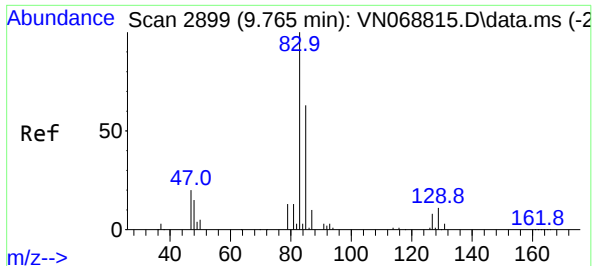


#46

Dibromomethane
Concen: 44.79 ug/l
RT: 9.580 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

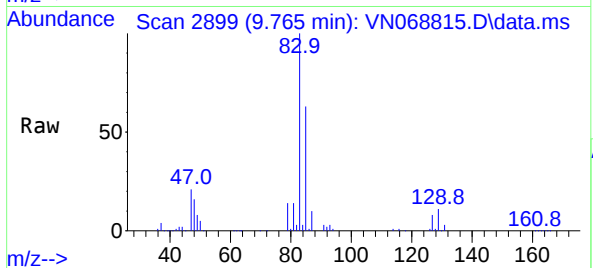
Tgt Ion: 93 Resp: 147498
Ion Ratio Lower Upper
93 100
95 80.8 66.1 99.1
174 84.3 61.0 91.4





#47
Bromodichloromethane
Concen: 45.09 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

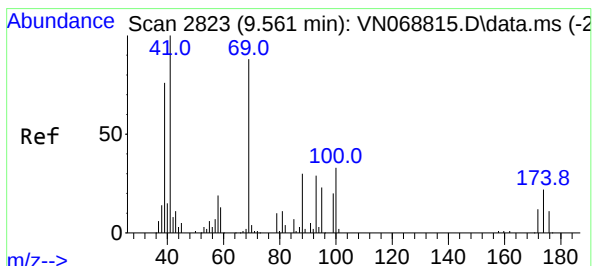
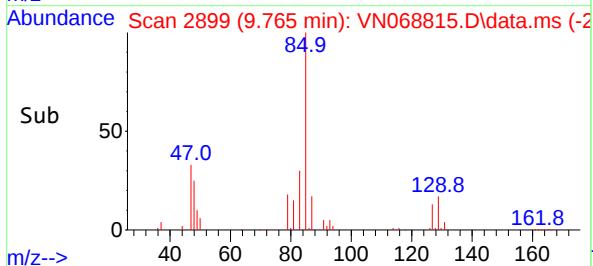
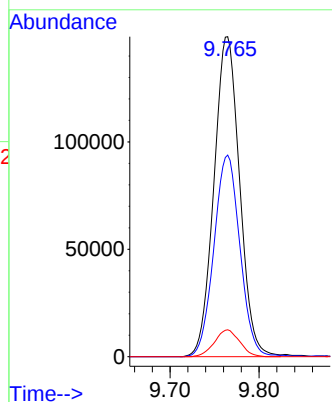
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



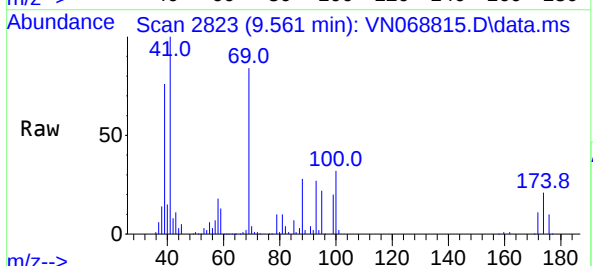
Tgt Ion: 83 Resp: 298913
Ion Ratio Lower Upper
83 100
85 63.0 49.9 74.9
127 8.4 6.1 9.1

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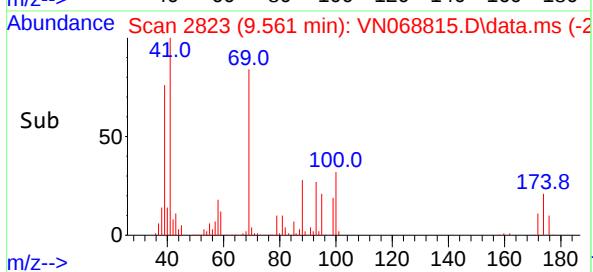
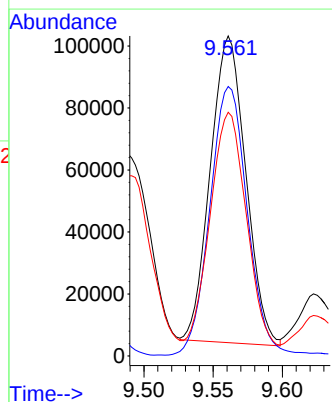
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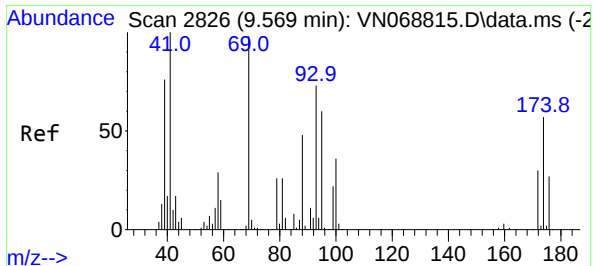


#48
Methyl methacrylate
Concen: 44.27 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16



Tgt Ion: 41 Resp: 175966
Ion Ratio Lower Upper
41 100
69 93.4 64.6 96.8
39 84.1 53.3 79.9#





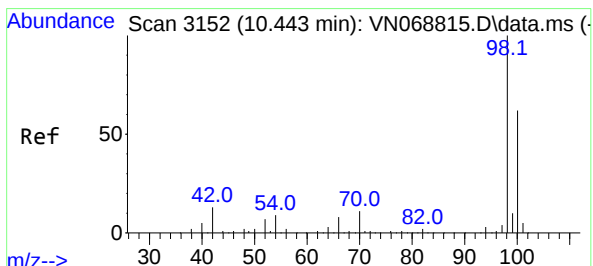
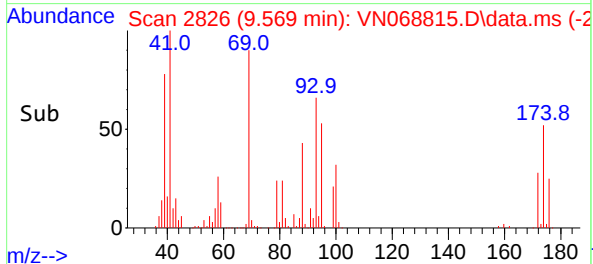
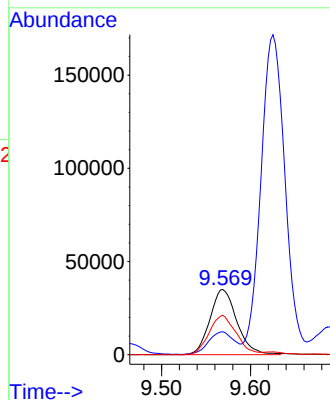
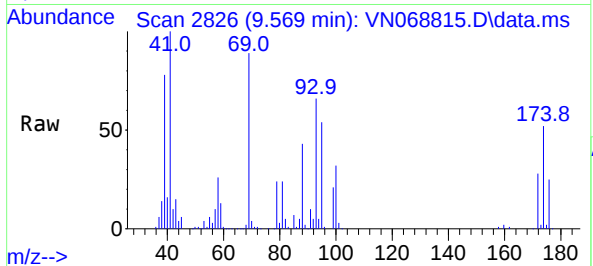
#49
1,4-Dioxane
Concen: 1110.47 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion: 88 Resp: 73711
Ion Ratio Lower Upper
88 100
43 33.4 28.8 43.2
58 60.5 60.4 90.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

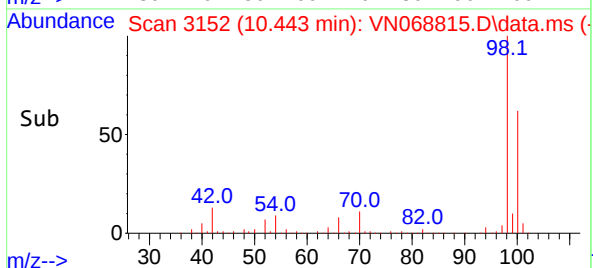
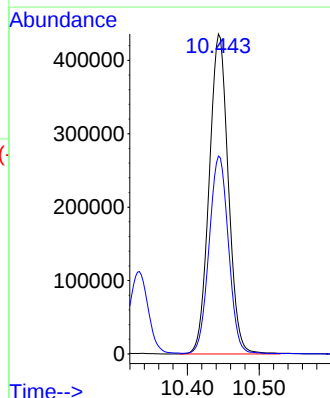
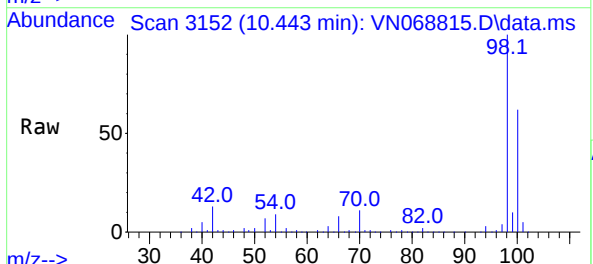
Manual Integrations
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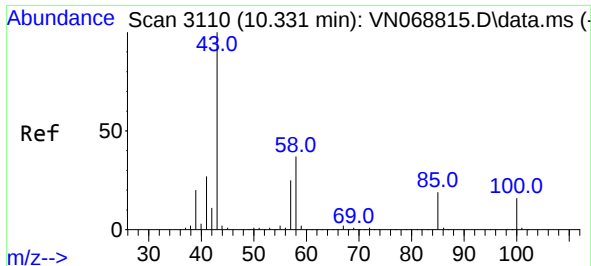
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#50
Toluene-d8
Concen: 58.03 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion: 98 Resp: 805663
Ion Ratio Lower Upper
98 100
100 62.6 51.7 77.5





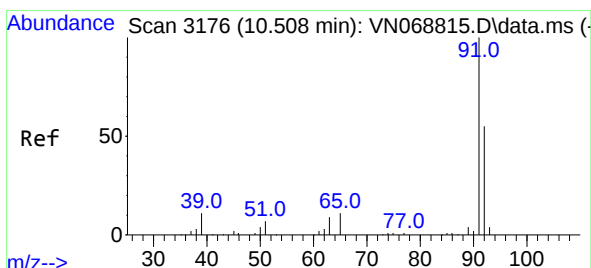
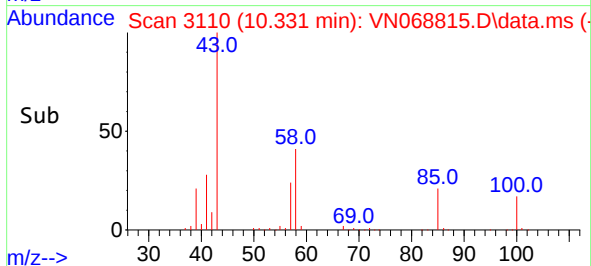
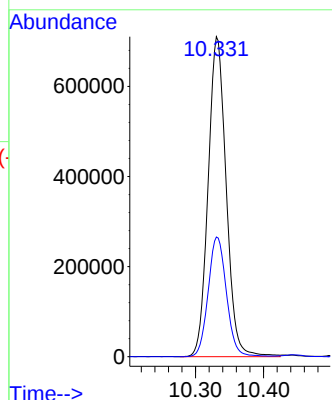
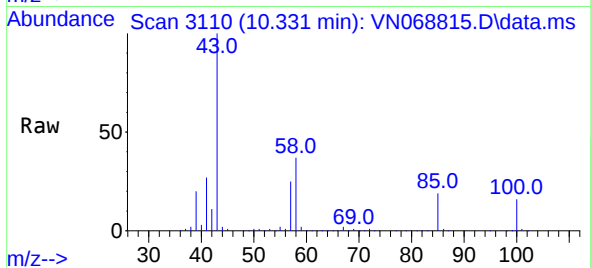
#51
4-Methyl-2-Pentanone
Concen: 228.80 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion: 43 Resp: 1312731
Ion Ratio Lower Upper
43 100
58 37.9 28.6 43.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

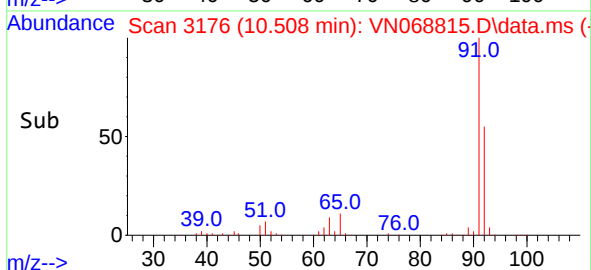
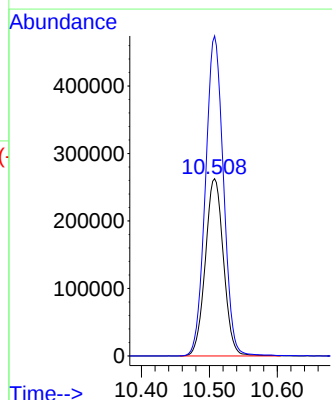
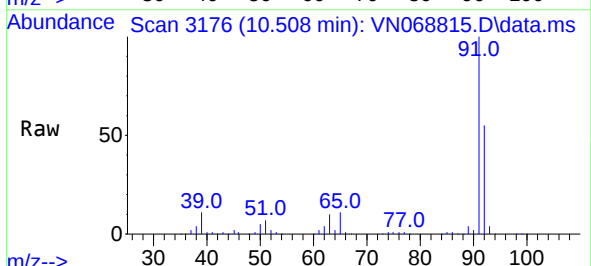
Manual Integrations
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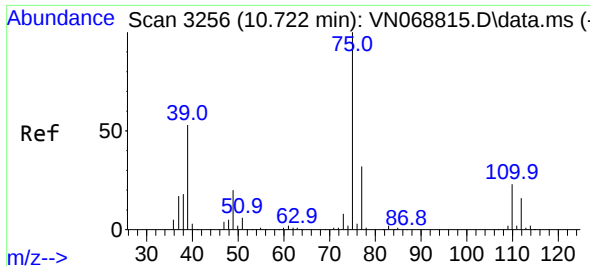
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#52
Toluene
Concen: 44.28 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion: 92 Resp: 488737
Ion Ratio Lower Upper
92 100
91 178.7 139.6 209.4





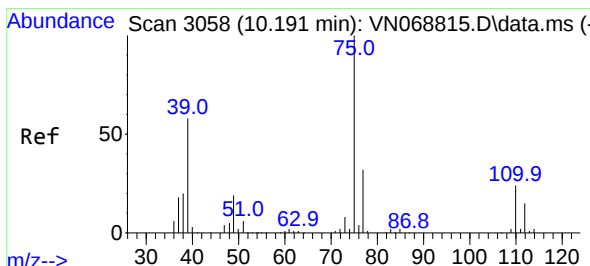
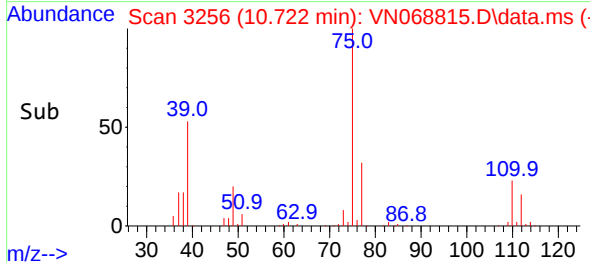
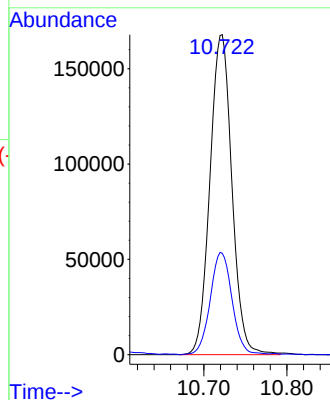
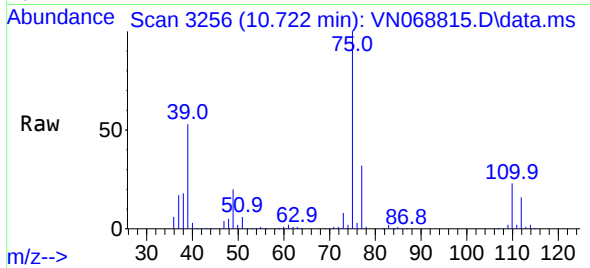
#53
t-1,3-Dichloropropene
Concen: 46.28 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion: 75 Resp: 308440
Ion Ratio Lower Upper
75 100
77 31.7 25.1 37.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

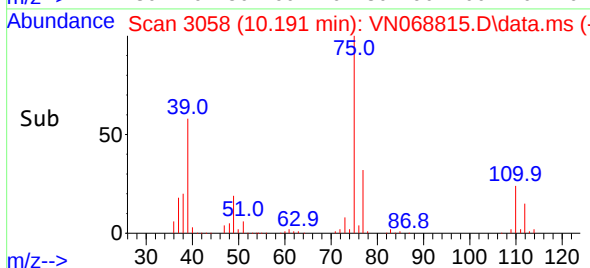
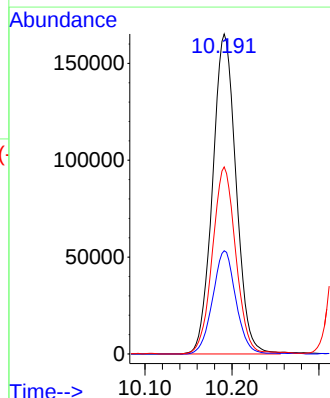
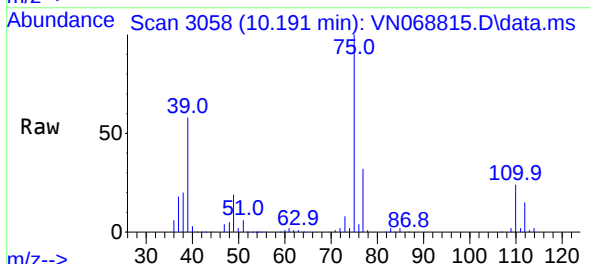
Manual Integrations
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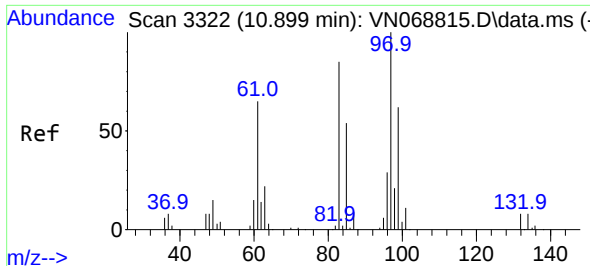
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#54
cis-1,3-Dichloropropene
Concen: 44.15 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

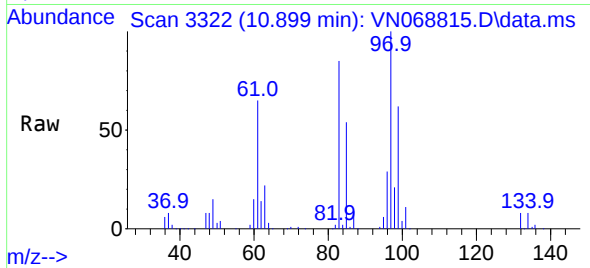
Tgt Ion: 75 Resp: 309837
Ion Ratio Lower Upper
75 100
77 32.2 24.6 37.0
39 58.4 50.7 76.1





#55
1,1,2-Trichloroethane
Concen: 44.40 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

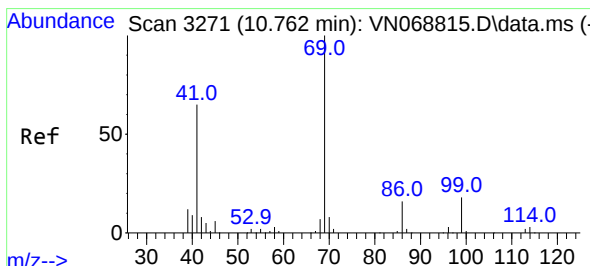
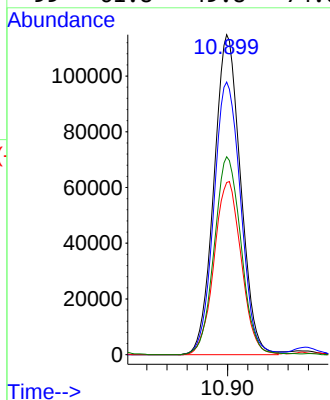
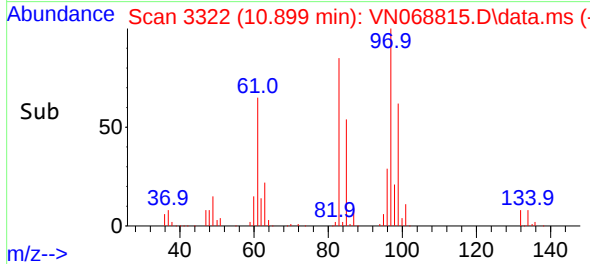
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



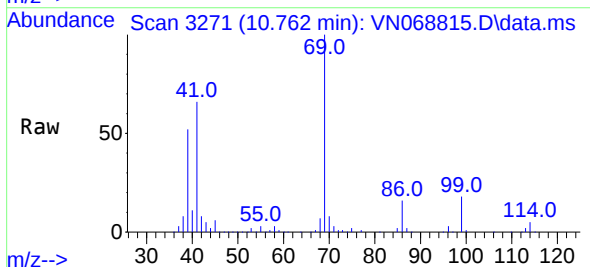
Tgt Ion: 97 Resp: 209556
Ion Ratio Lower Upper
97 100
83 85.2 72.0 108.0
85 53.8 46.8 70.2
99 61.8 49.8 74.6

Manual Integrations
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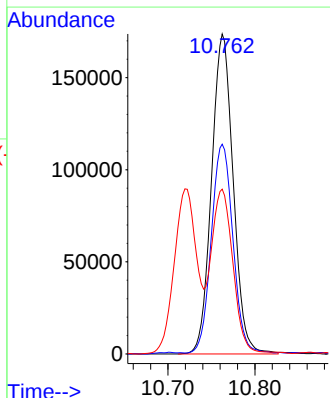
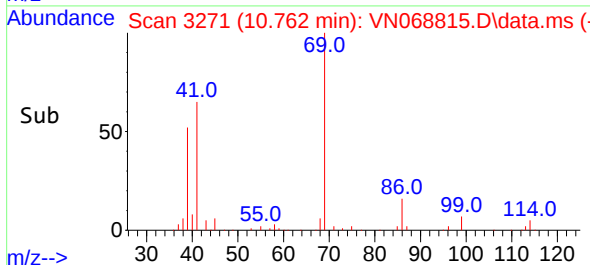
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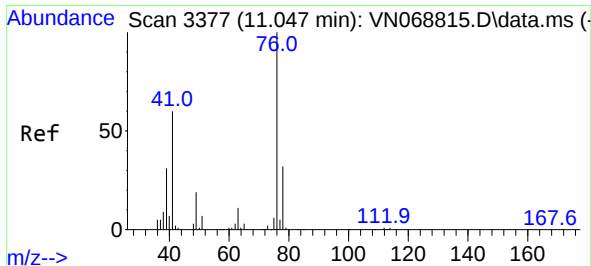


#56
Ethyl methacrylate
Concen: 48.30 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16



Tgt Ion: 69 Resp: 300332
Ion Ratio Lower Upper
69 100
41 65.1 58.6 88.0
39 52.2 38.3 57.5





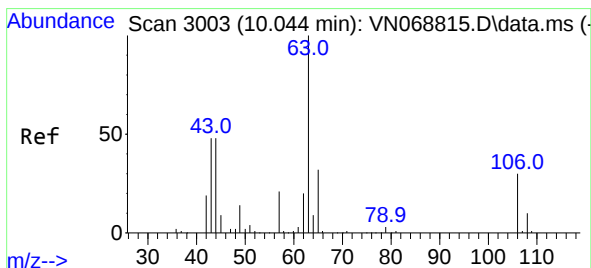
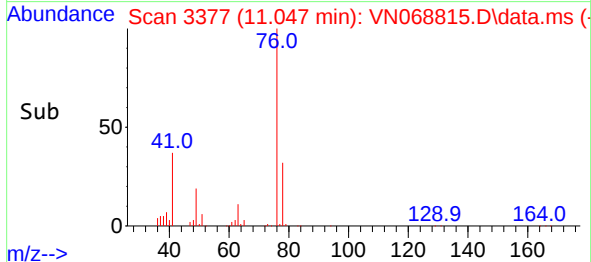
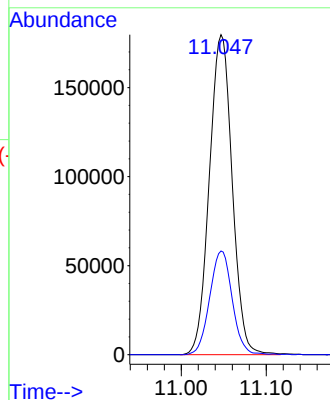
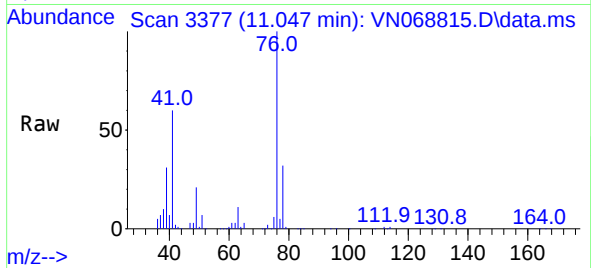
#57
1,3-Dichloropropane
Concen: 45.53 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion: 76 Resp: 335622
Ion Ratio Lower Upper
76 100
78 31.9 25.7 38.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

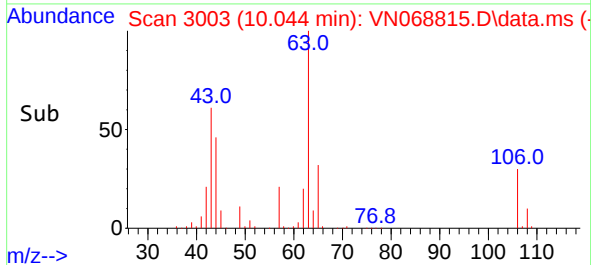
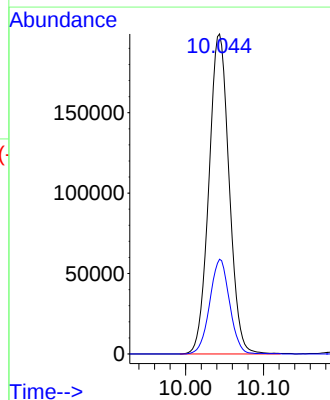
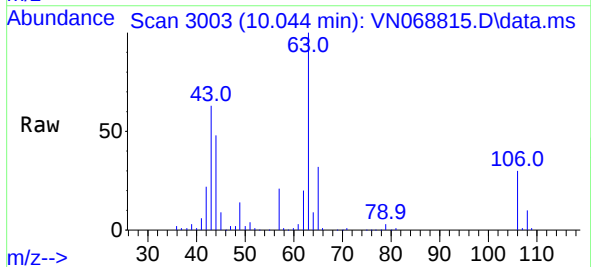
Manual Integrations
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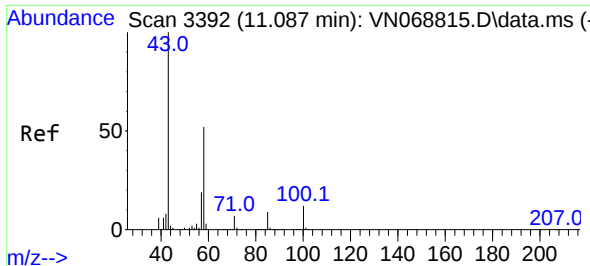
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#58
2-Chloroethyl Vinyl ether
Concen: 286.86 ug/l
RT: 10.044 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

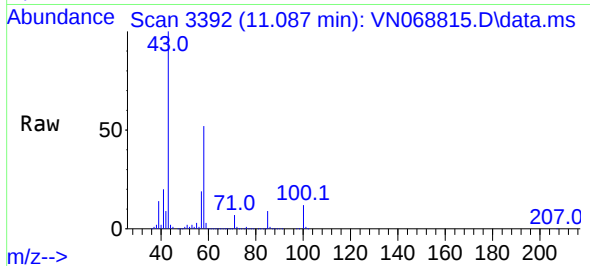
Tgt Ion: 63 Resp: 358306
Ion Ratio Lower Upper
63 100
106 29.0 19.8 29.8





#59
2-Hexanone
Concen: 237.36 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

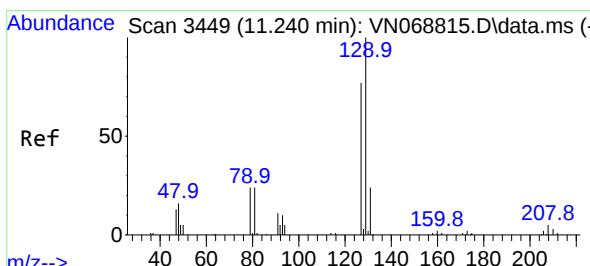
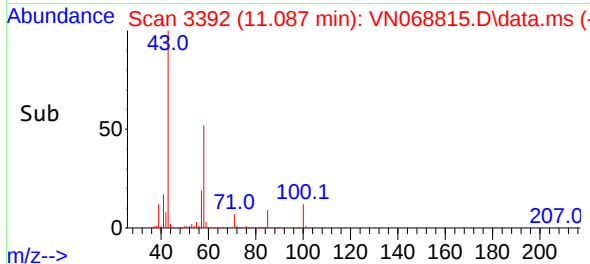
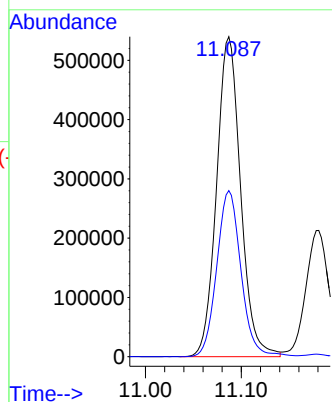
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 940016
Ion Ratio Lower Upper
43 100
58 52.3 24.7 74.1

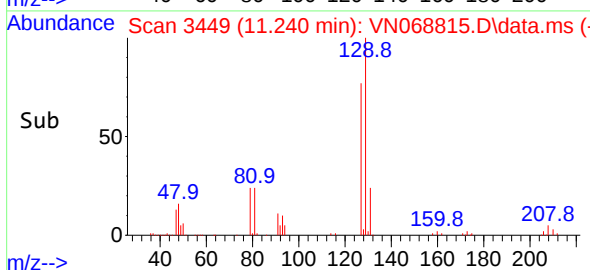
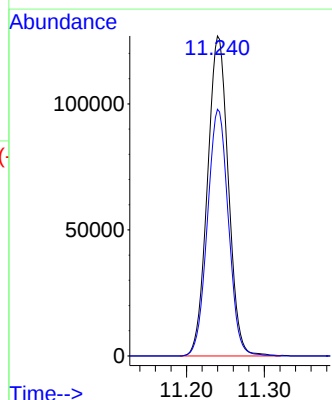
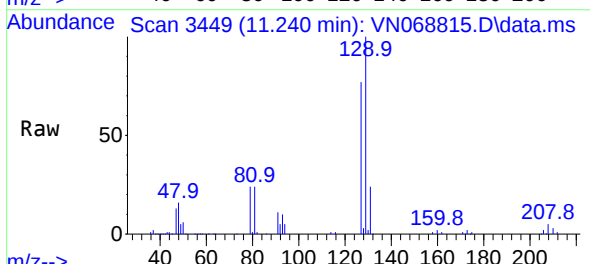
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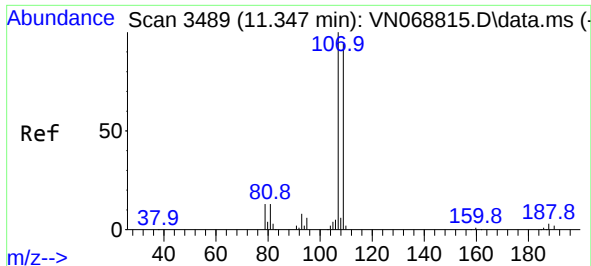
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#60
Dibromochloromethane
Concen: 47.68 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

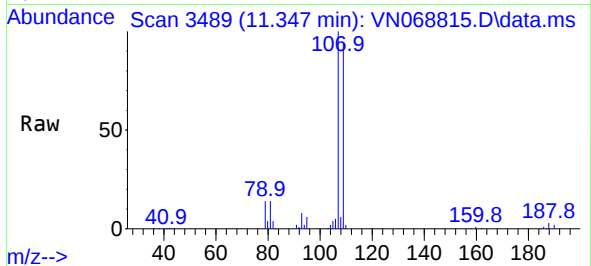
Tgt Ion: 129 Resp: 236525
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8





#61
1,2-Dibromoethane
Concen: 45.89 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

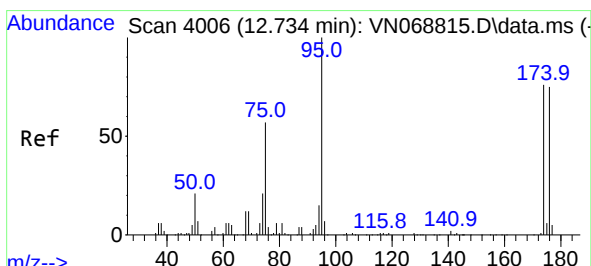
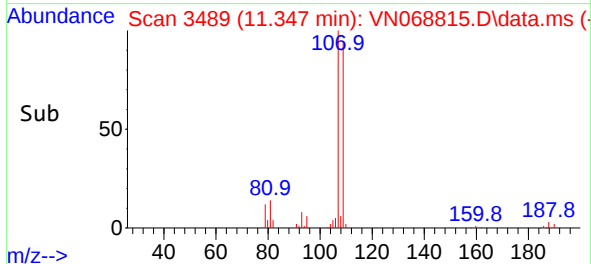
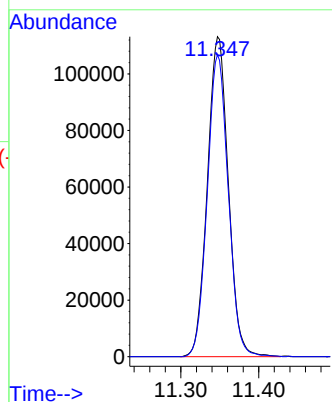
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:107 Resp: 211659
Ion Ratio Lower Upper
107 100
109 94.3 75.0 112.4

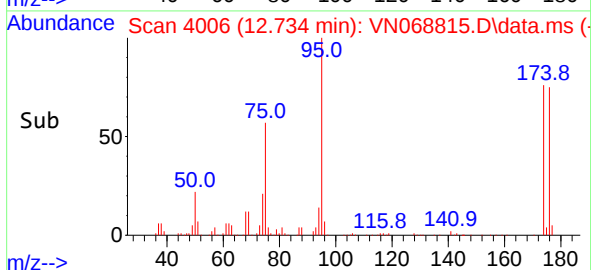
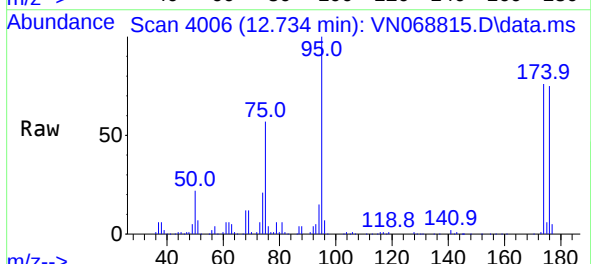
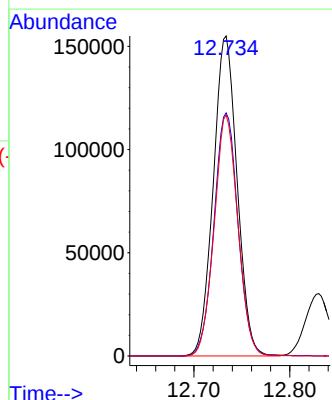
Manual Integrations
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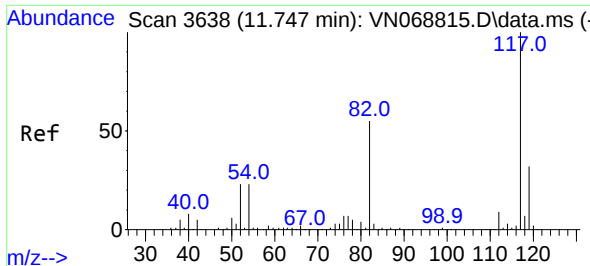
MMDadoda
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#62
4-Bromofluorobenzene
Concen: 56.00 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion: 95 Resp: 267669
Ion Ratio Lower Upper
95 100
174 76.6 0.0 122.0
176 74.7 0.0 117.6





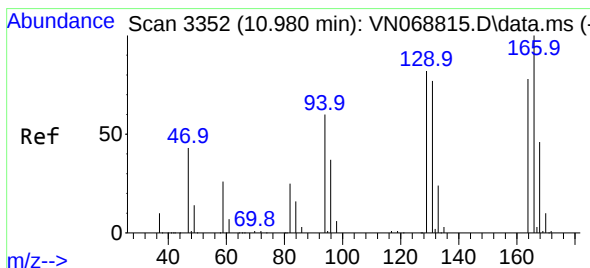
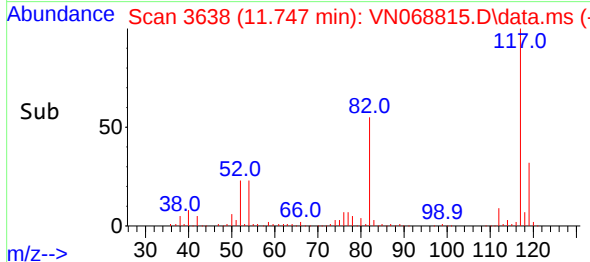
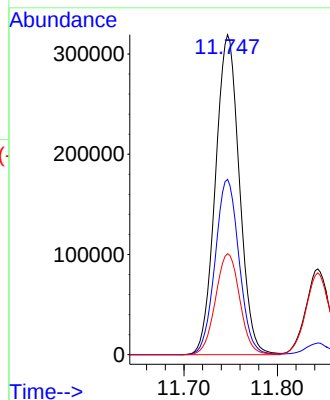
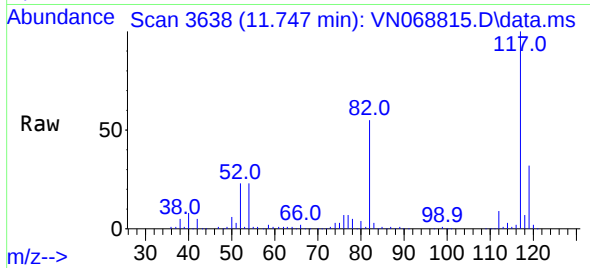
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion:117 Resp: 569639
Ion Ratio Lower Upper
117 100
82 54.8 53.1 79.7
119 31.5 25.5 38.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

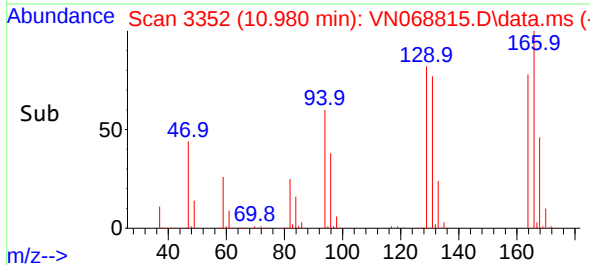
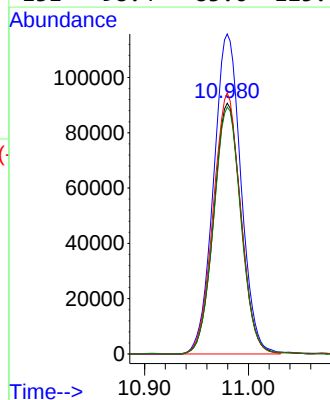
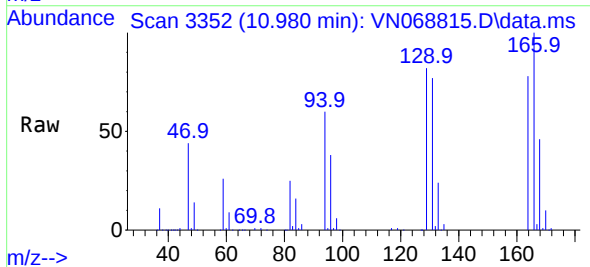
Manual Integrations
APPROVED

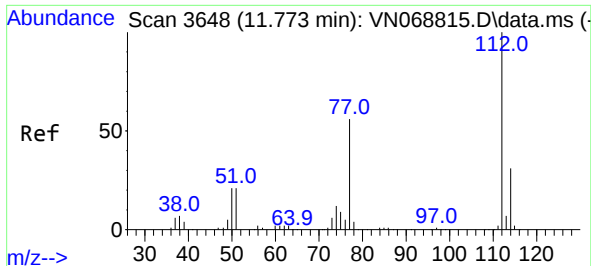
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#64
Tetrachloroethene
Concen: 40.02 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

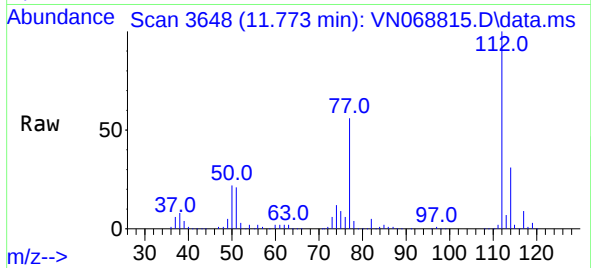
Tgt Ion:164 Resp: 166415
Ion Ratio Lower Upper
164 100
166 127.6 102.1 153.1
129 104.2 86.9 130.3
131 98.4 83.6 125.4





#65
Chlorobenzene
Concen: 42.34 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

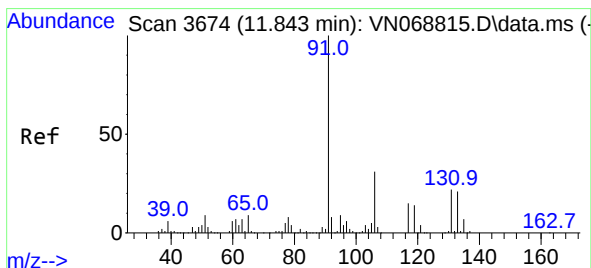
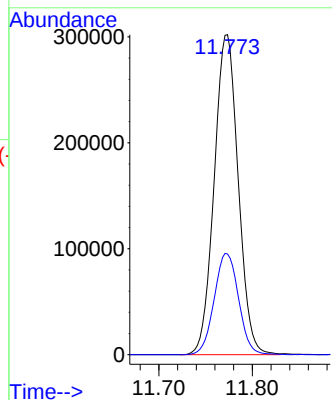
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



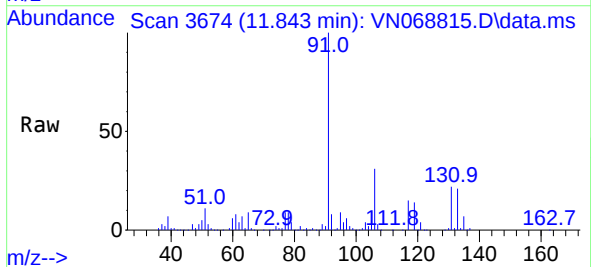
Tgt Ion:112 Resp: 540264
Ion Ratio Lower Upper
112 100
114 31.4 24.6 37.0

Manual Integrations
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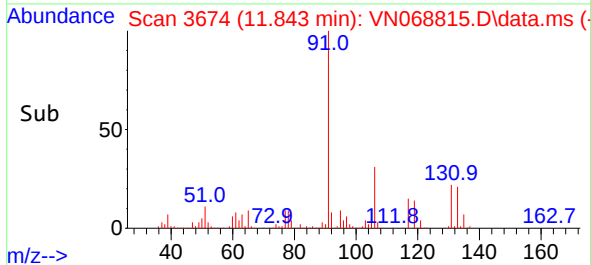
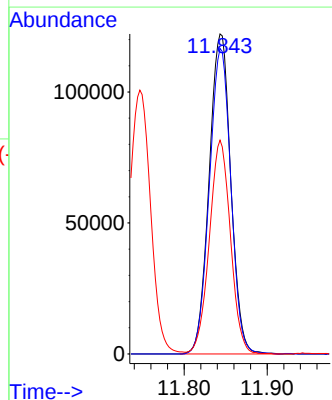
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10/7/2021 5:34:19 PM

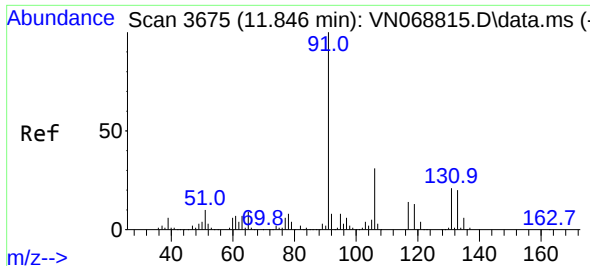


#66
1,1,1,2-Tetrachloroethane
Concen: 44.78 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16



Tgt Ion:131 Resp: 220931
Ion Ratio Lower Upper
131 100
133 94.9 47.5 142.5
119 65.2 33.1 99.3





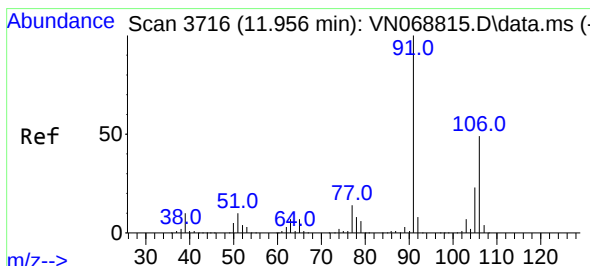
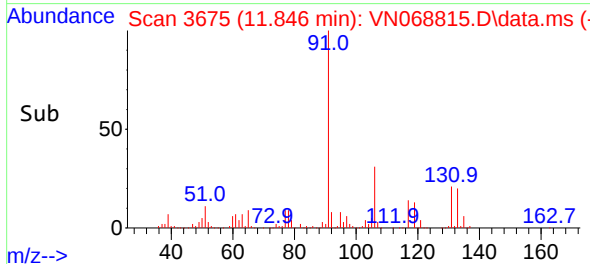
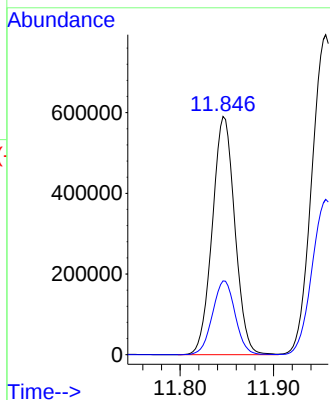
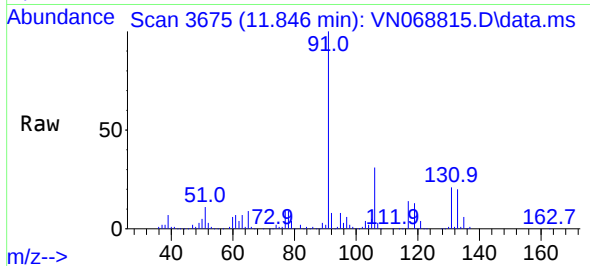
#67
Ethyl Benzene
Concen: 44.18 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 990474
Ion Ratio Lower Upper
91 100
106 31.0 23.4 35.0

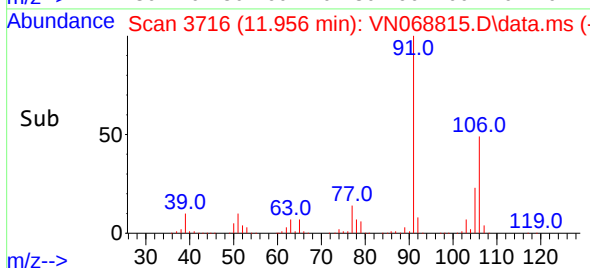
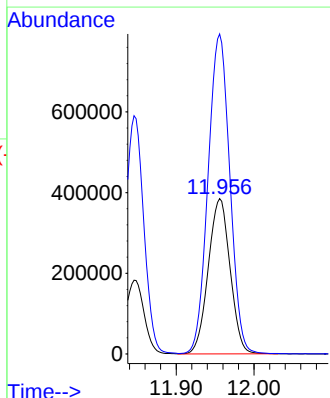
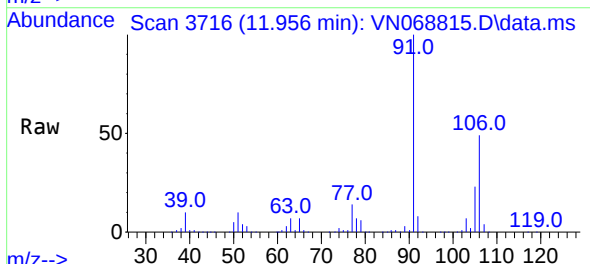
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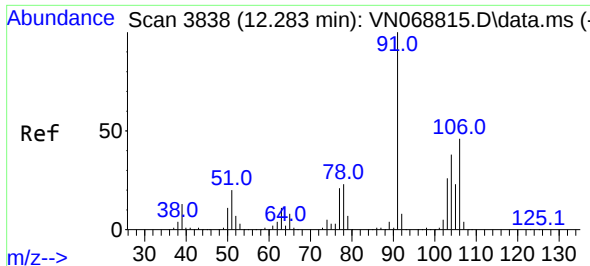
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#68
m/p-Xylenes
Concen: 89.85 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion: 106 Resp: 748522
Ion Ratio Lower Upper
106 100
91 205.8 180.6 270.8





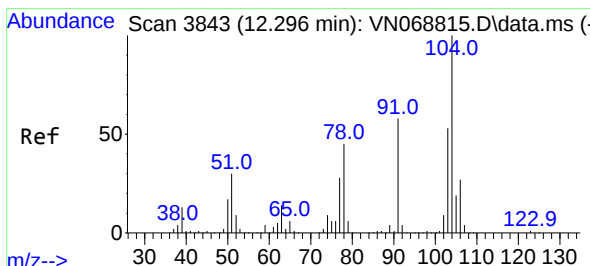
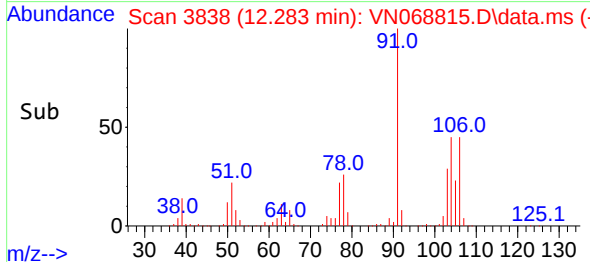
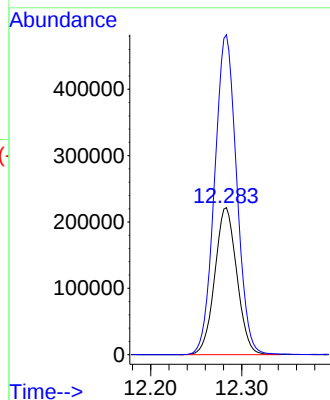
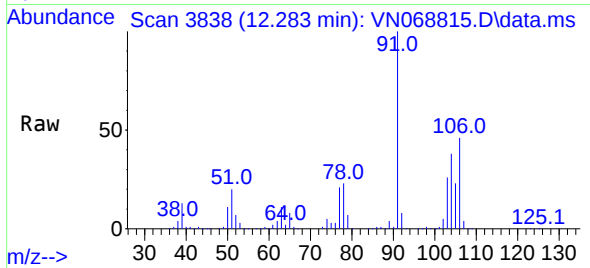
#69
o-Xylene
Concen: 45.24 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion:106 Resp: 373503
Ion Ratio Lower Upper
106 100
91 217.8 118.3 354.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

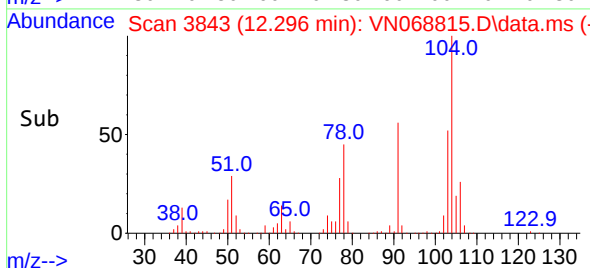
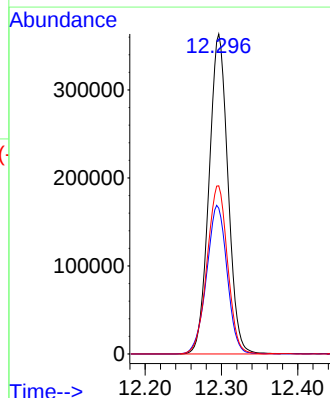
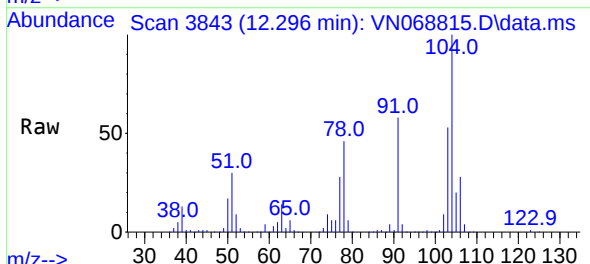
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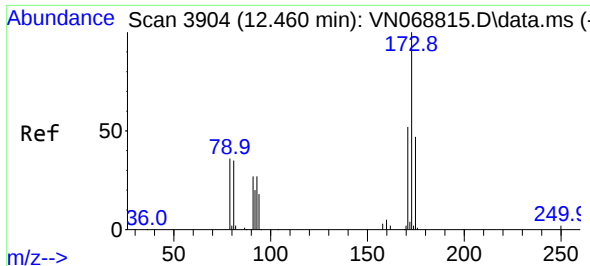
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#70
Styrene
Concen: 47.87 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion:104 Resp: 627877
Ion Ratio Lower Upper
104 100
78 50.3 48.2 72.2
103 56.9 44.5 66.7





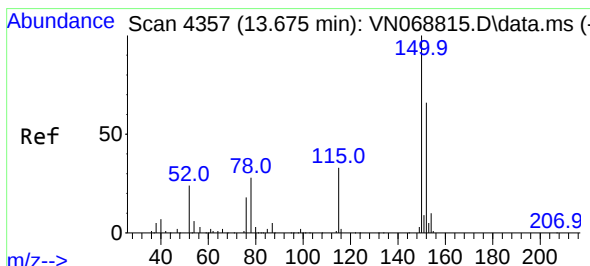
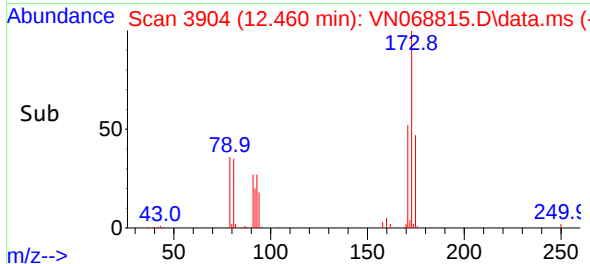
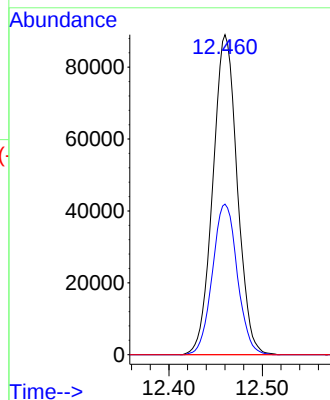
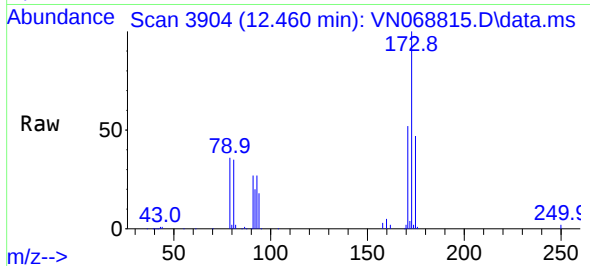
#71
Bromoform
Concen: 46.34 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion:173 Resp: 161476
Ion Ratio Lower Upper
173 100
175 48.0 23.9 71.8
254 0.0 0.0 0.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

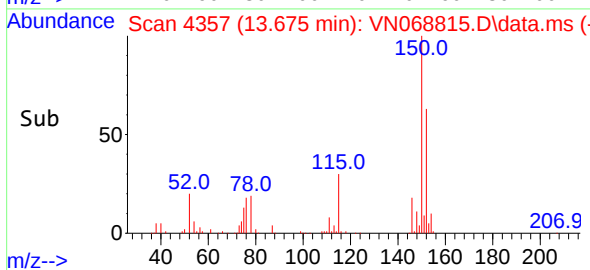
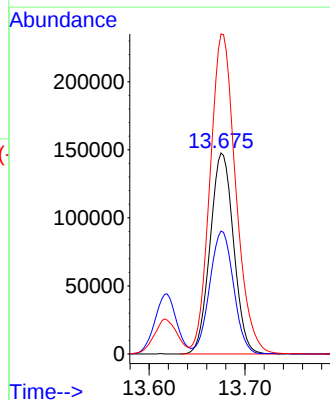
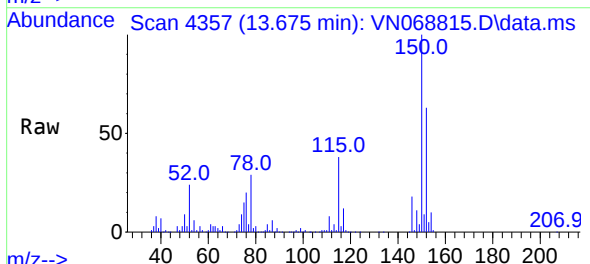
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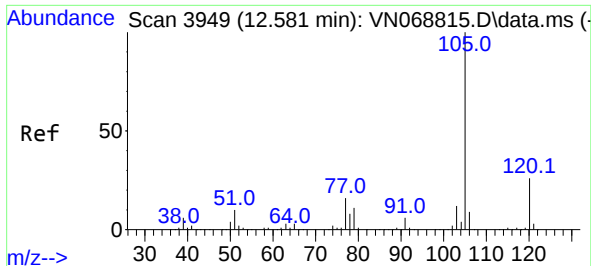
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion:152 Resp: 251468
Ion Ratio Lower Upper
152 100
115 61.8 36.1 108.5
150 174.1 0.0 351.8





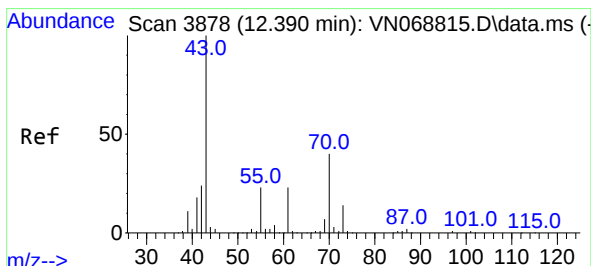
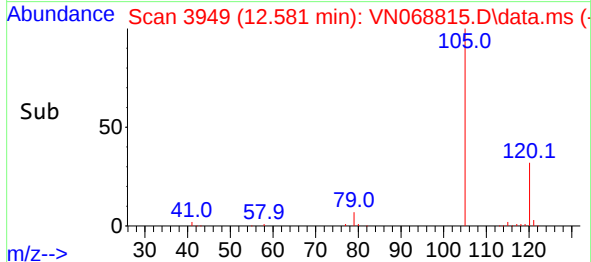
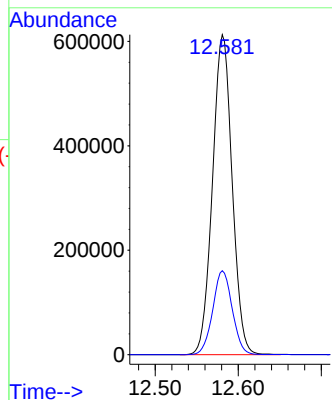
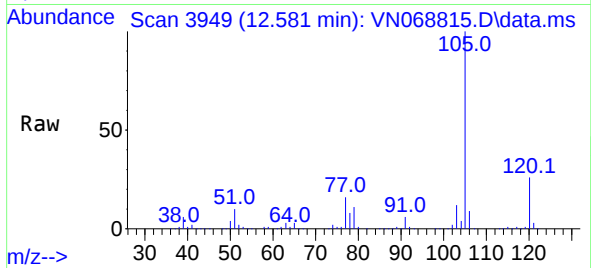
#73
Isopropylbenzene
Concen: 45.09 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion: 105 Resp: 1006821
Ion Ratio Lower Upper
105 100
120 26.0 12.5 37.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

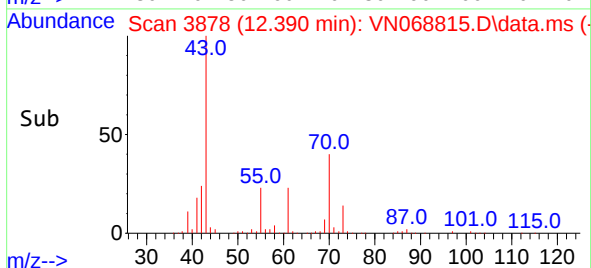
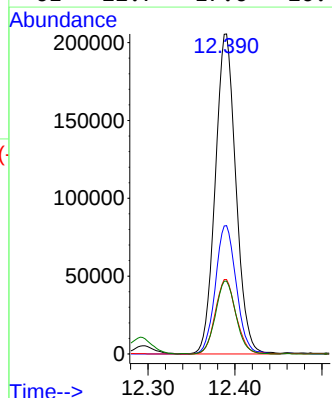
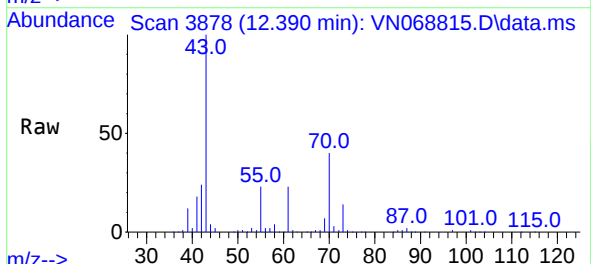
Manual Integrations
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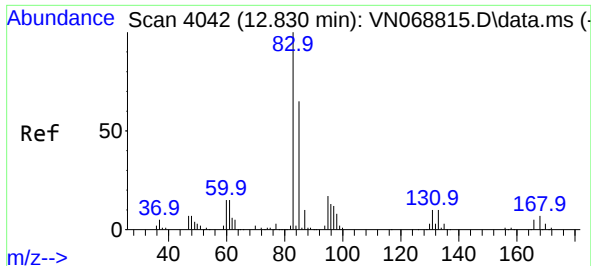
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#74
N-ethyl acetate
Concen: 47.44 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion: 43 Resp: 338780
Ion Ratio Lower Upper
43 100
70 40.6 29.4 44.2
55 23.4 17.0 25.4
61 22.7 17.6 26.4





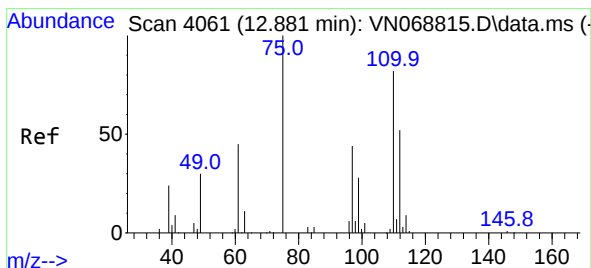
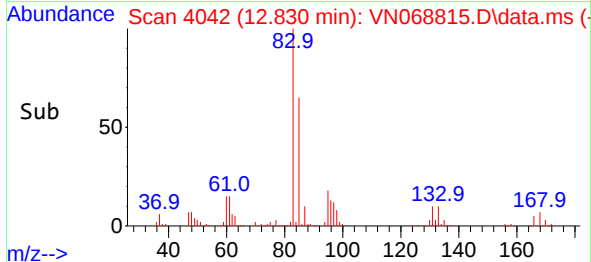
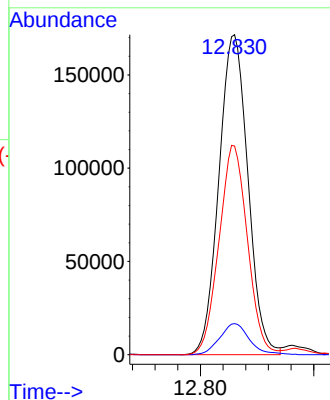
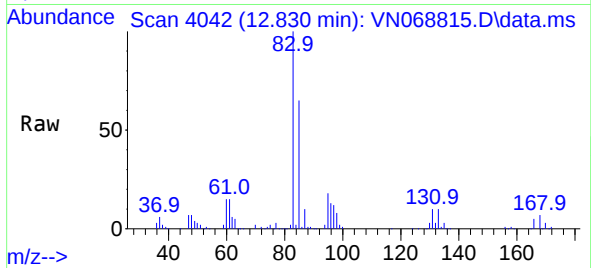
#75
1,1,2,2-Tetrachloroethane
Concen: 44.62 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion: 83 Resp: 305258
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.4
85 64.1 32.2 96.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

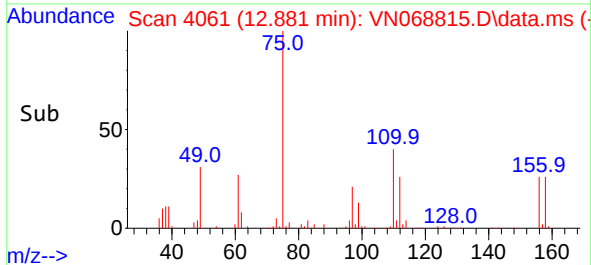
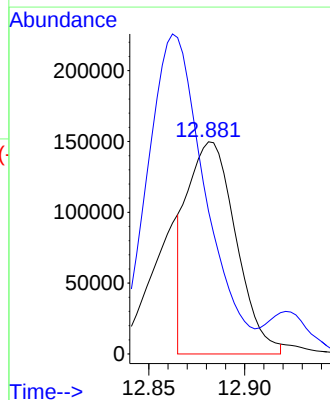
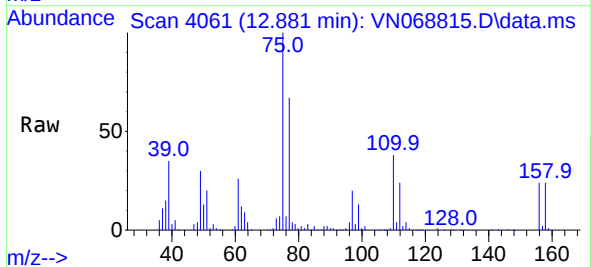
Manual Integrations
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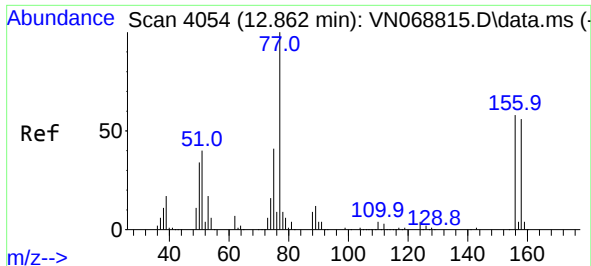
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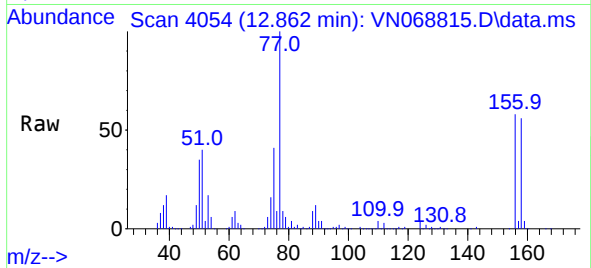
#76
1,2,3-Trichloropropane
Concen: 47.35 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion: 75 Resp: 263678
Ion Ratio Lower Upper
75 100
77 179.0 0.0 0.0#

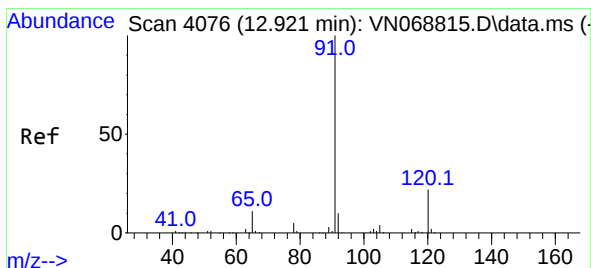
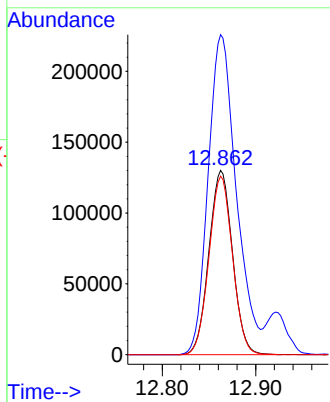
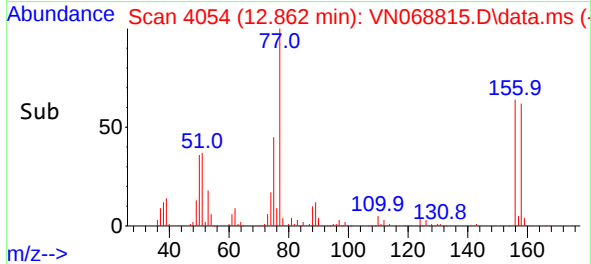




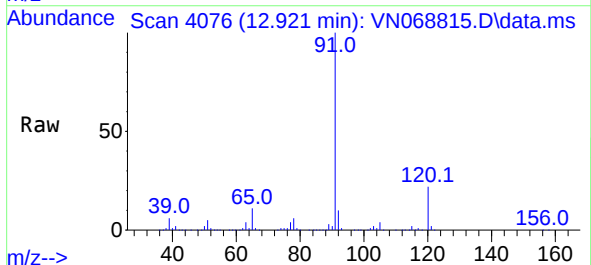
#77
Bromobenzene
Concen: 45.14 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16



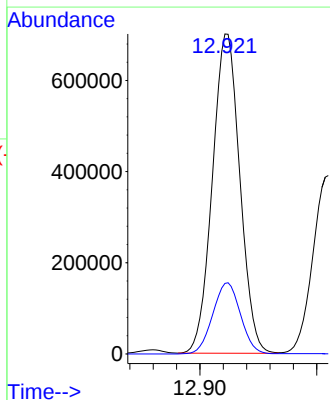
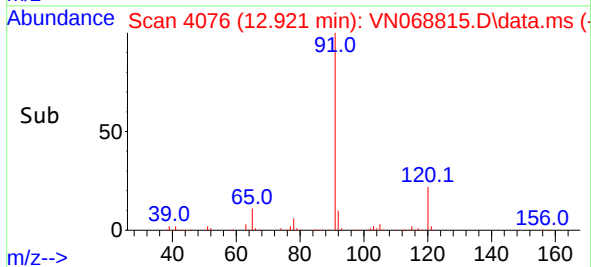
Tgt Ion:156 Resp: 229104
Ion Ratio Lower Upper
156 100
77 206.0 136.2 408.6
158 96.4 48.4 145.3



#78
n-propylbenzene
Concen: 45.38 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16



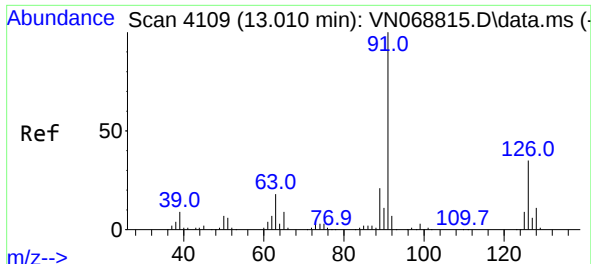
Tgt Ion: 91 Resp: 1143029
Ion Ratio Lower Upper
91 100
120 22.6 10.4 31.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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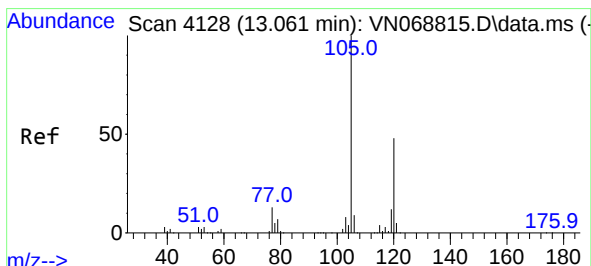
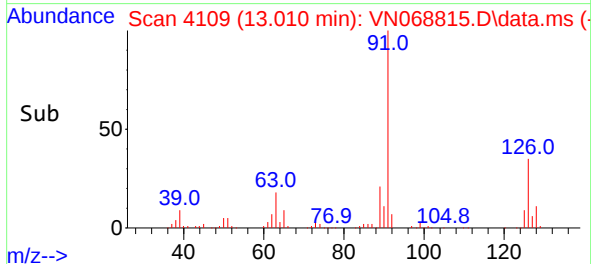
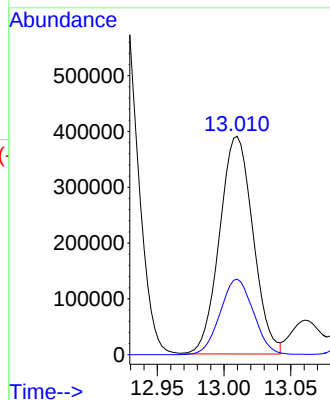
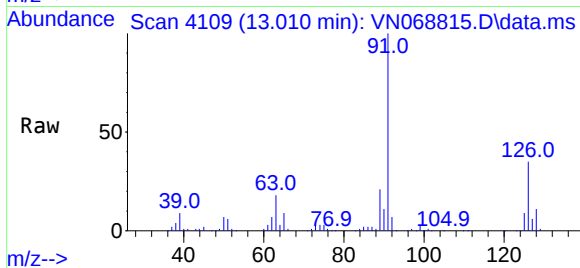
#79
2-Chlorotoluene
Concen: 46.43 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
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Tgt Ion: 91 Resp: 680561
Ion Ratio Lower Upper
91 100
126 34.6 14.5 43.5

Instrument :
MSVOA_N
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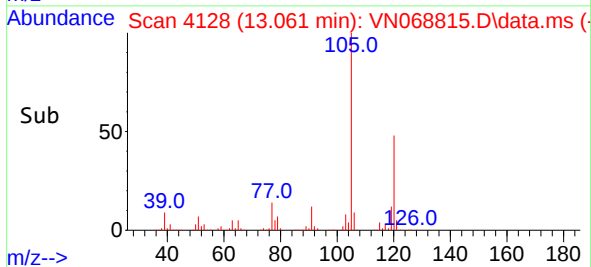
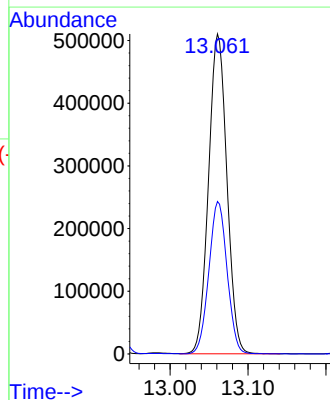
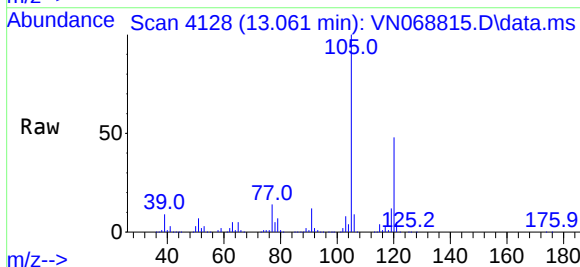
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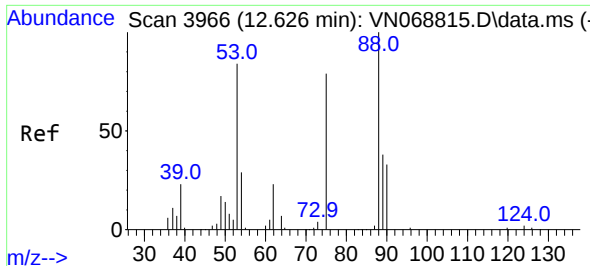
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#80
1,3,5-Trimethylbenzene
Concen: 47.01 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

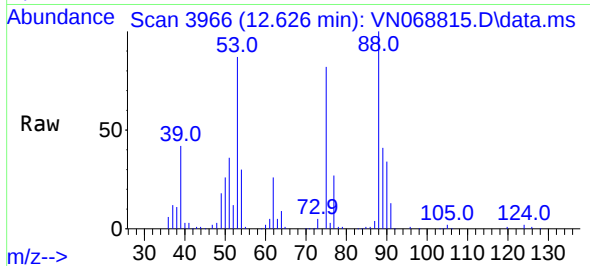
Tgt Ion: 105 Resp: 834911
Ion Ratio Lower Upper
105 100
120 47.3 22.2 66.6





#81
trans-1,4-Dichloro-2-butene
Concen: 45.39 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

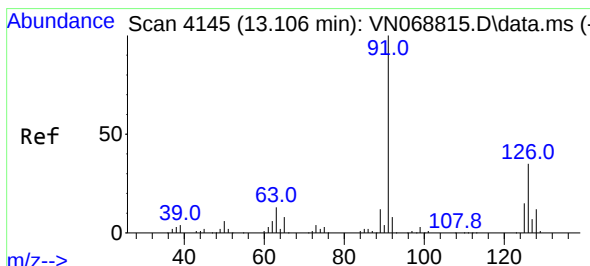
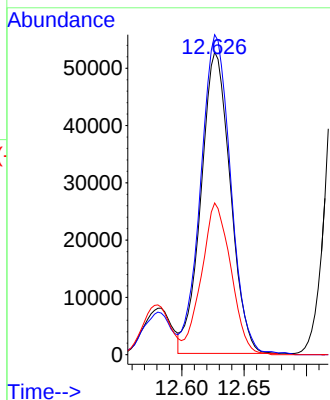
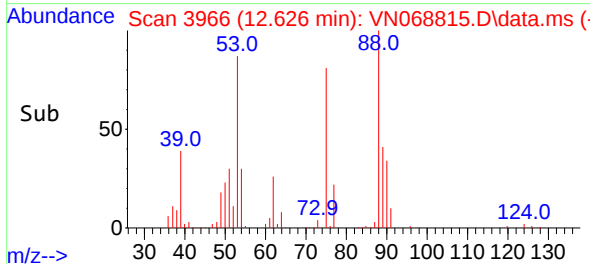
Instrument :
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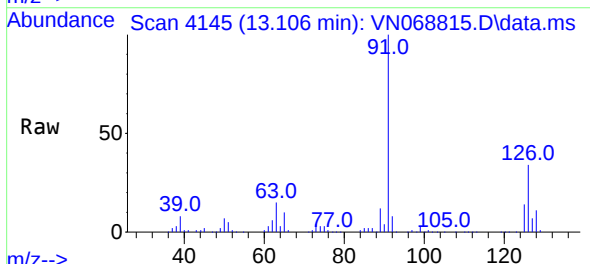
Tgt Ion: 75 Resp: 86106
Ion Ratio Lower Upper
75 100
53 108.9 87.6 131.4
89 50.5 37.8 56.8

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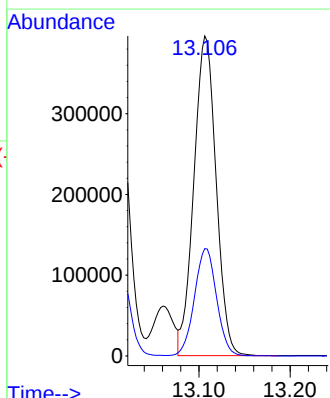
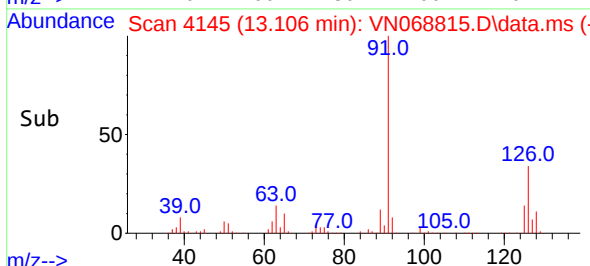
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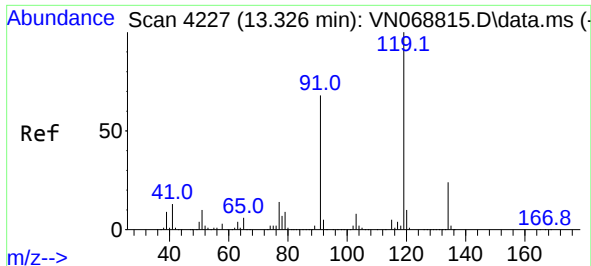


#82
4-Chlorotoluene
Concen: 45.63 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

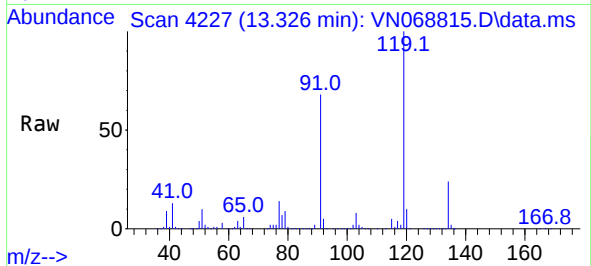


Tgt Ion: 91 Resp: 669627
Ion Ratio Lower Upper
91 100
126 33.5 14.8 44.4

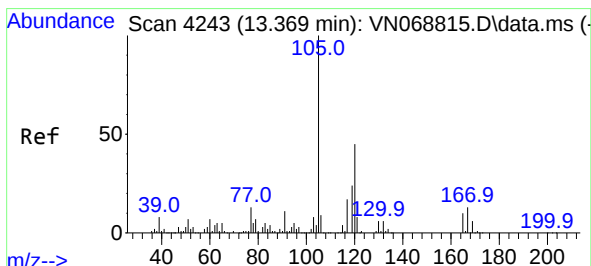
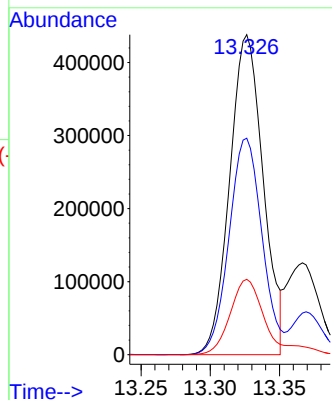
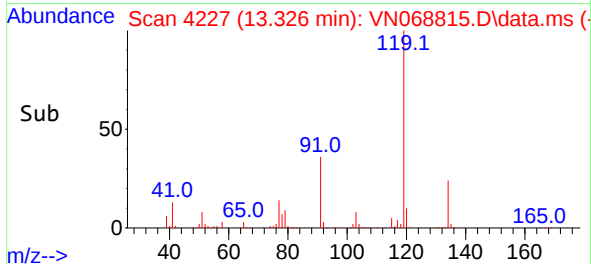




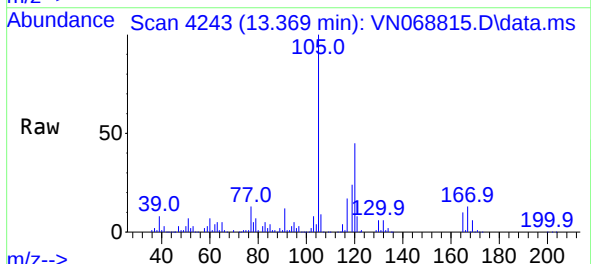
#83
tert-Butylbenzene
Concen: 46.96 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16



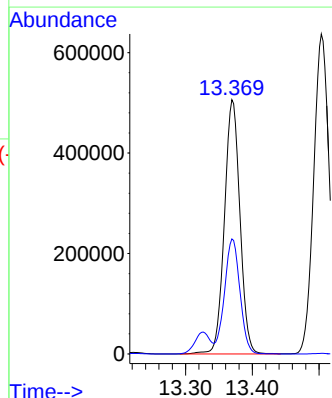
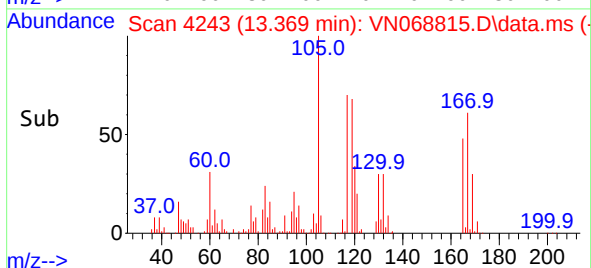
Tgt Ion:119 Resp: 738304
Ion Ratio Lower Upper
119 100
91 66.8 39.5 118.5
134 25.2 12.0 36.0



#84
1,2,4-Trimethylbenzene
Concen: 47.11 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16



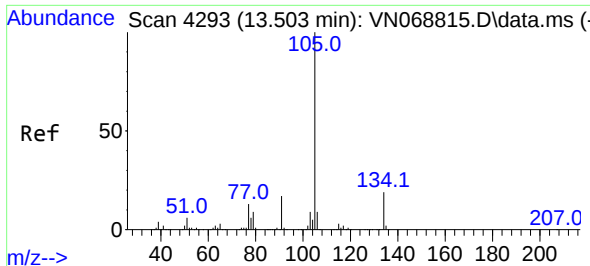
Tgt Ion:105 Resp: 818512
Ion Ratio Lower Upper
105 100
120 44.9 20.6 61.8



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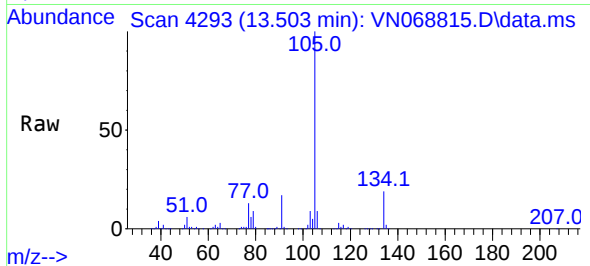
Manual Integrations
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#85
sec-Butylbenzene
Concen: 45.91 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

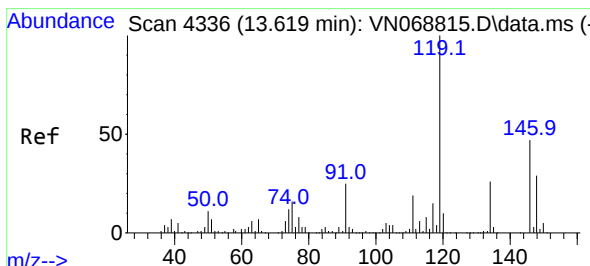
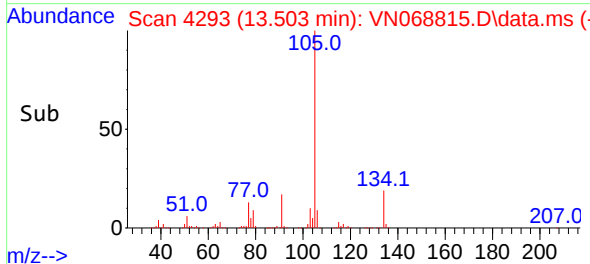
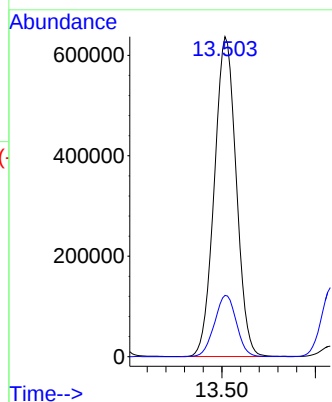
Instrument :
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ClientSampleId :
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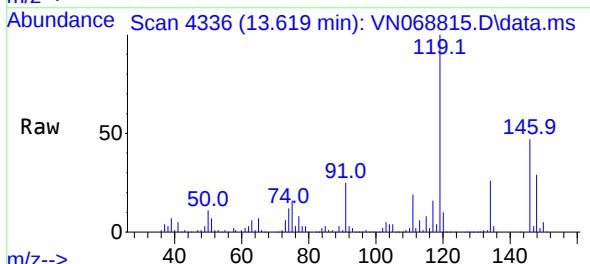
Tgt Ion:105 Resp: 1035390
Ion Ratio Lower Upper
105 100
134 19.3 9.0 27.1

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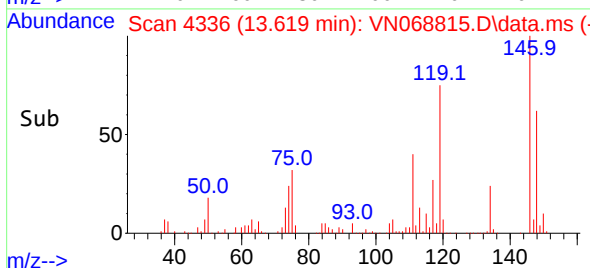
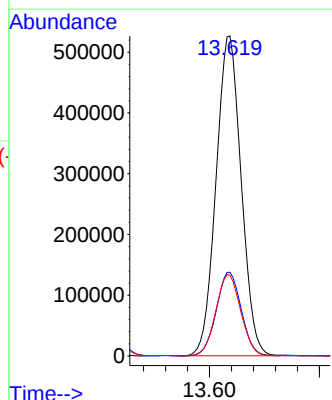
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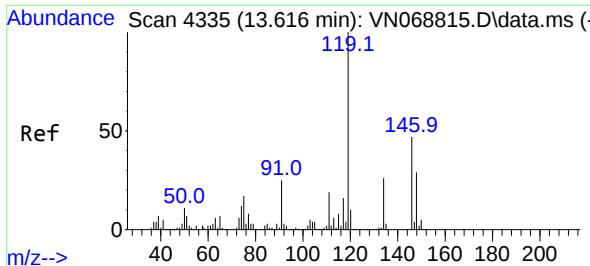


#86
p-Isopropyltoluene
Concen: 46.75 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

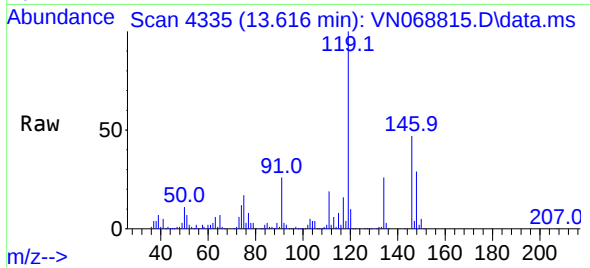


Tgt Ion:119 Resp: 834891
Ion Ratio Lower Upper
119 100
134 26.1 12.4 37.4
91 25.1 14.8 44.3

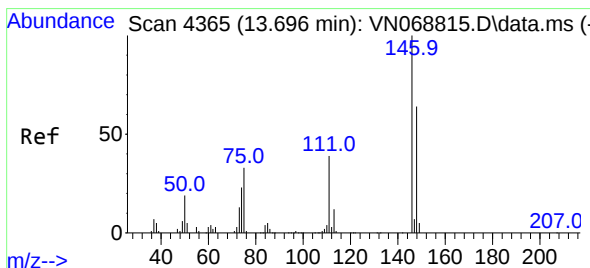
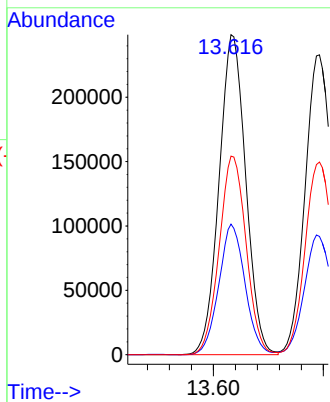
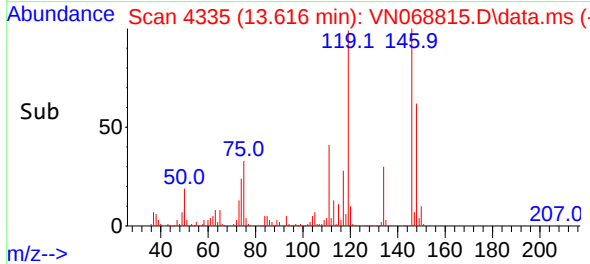




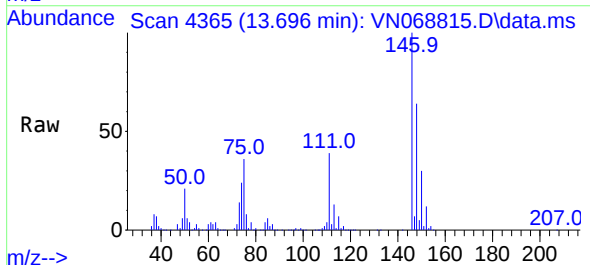
#87
1,3-Dichlorobenzene
Concen: 44.55 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16



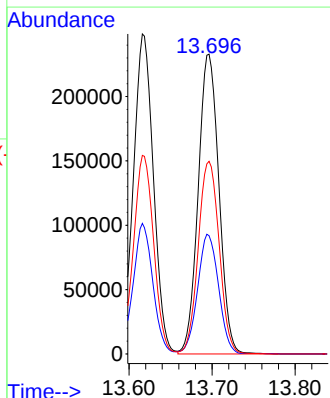
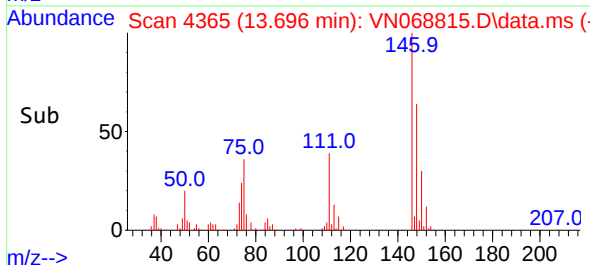
Tgt Ion:146 Resp: 419512
Ion Ratio Lower Upper
146 100
111 40.1 24.3 72.8
148 62.6 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 43.25 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16



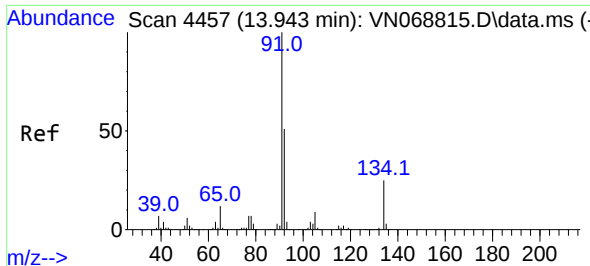
Tgt Ion:146 Resp: 404262
Ion Ratio Lower Upper
146 100
111 40.1 23.4 70.2
148 64.9 31.8 95.3



Instrument :
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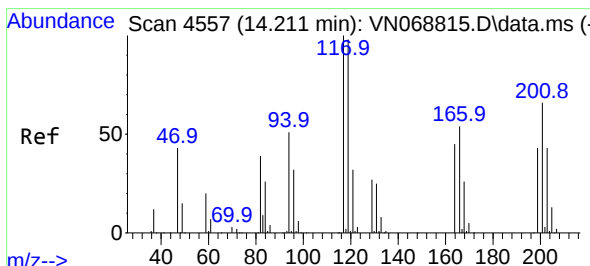
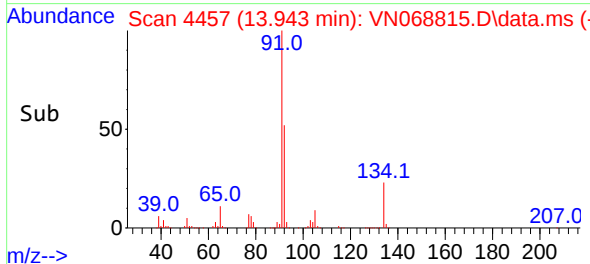
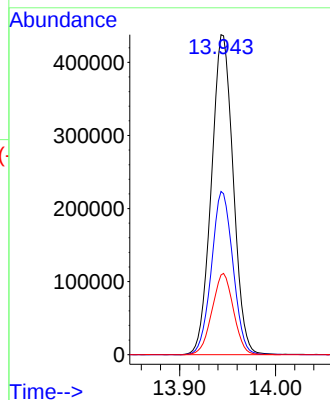
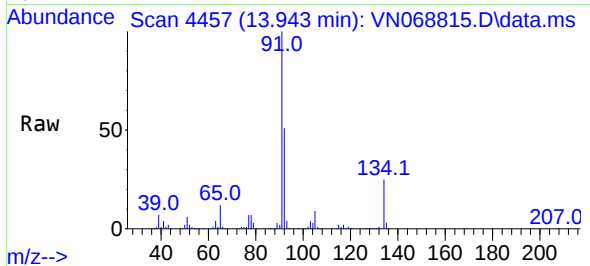
#89
n-Butylbenzene
Concen: 44.14 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion: 91 Resp: 692198
Ion Ratio Lower Upper
91 100
92 50.3 25.7 77.1
134 24.9 11.2 33.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

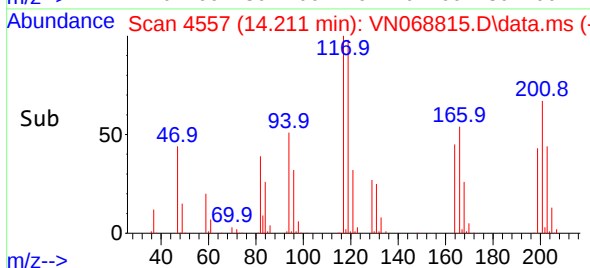
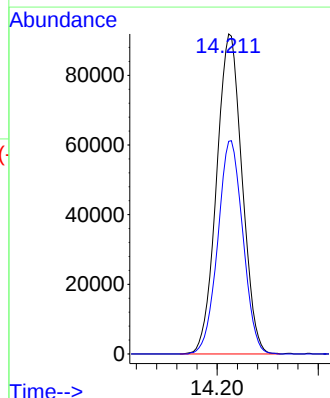
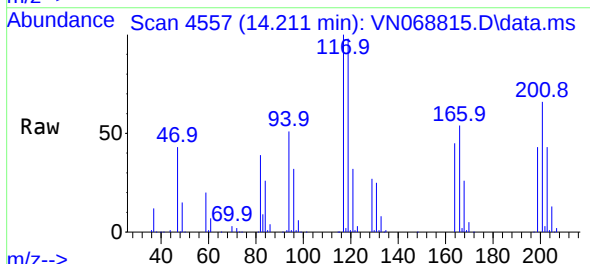
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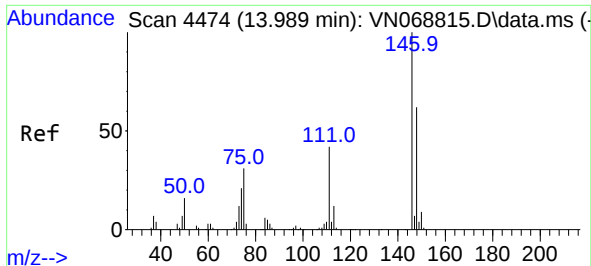
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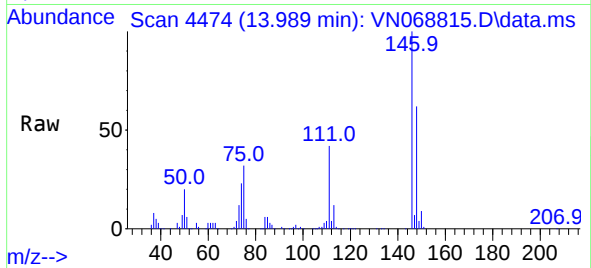
#90
Hexachloroethane
Concen: 44.05 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Tgt Ion: 117 Resp: 160940
Ion Ratio Lower Upper
117 100
201 65.5 33.5 100.5

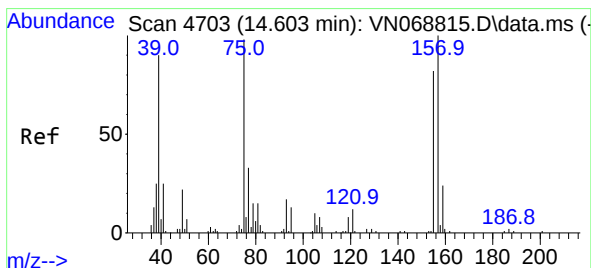
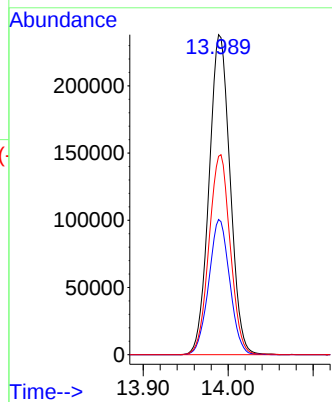
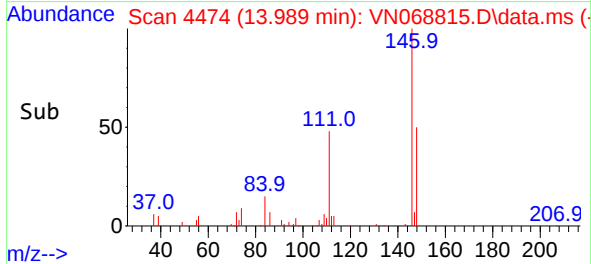




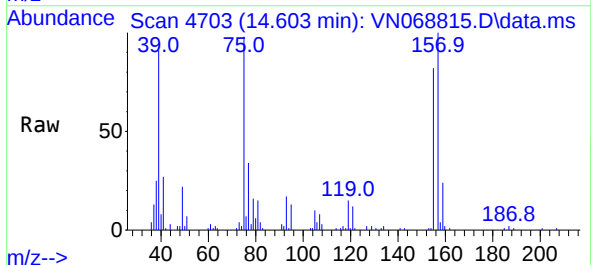
#91
1,2-Dichlorobenzene
Concen: 44.97 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16



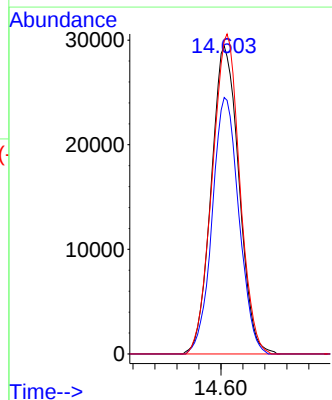
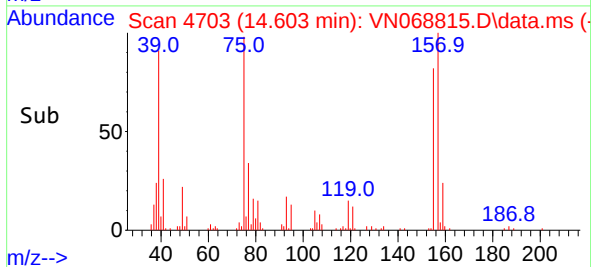
Tgt Ion:146 Resp: 408884
Ion Ratio Lower Upper
146 100
111 42.1 24.9 74.6
148 63.2 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.24 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16



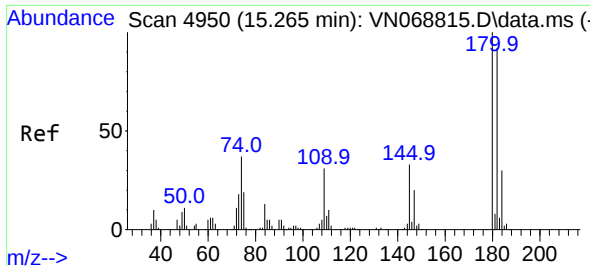
Tgt Ion: 75 Resp: 51594
Ion Ratio Lower Upper
75 100
155 80.1 29.8 89.5
157 103.0 37.6 112.8



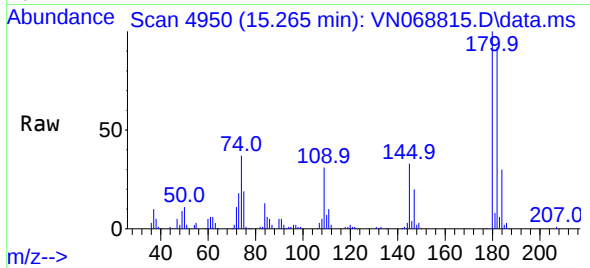
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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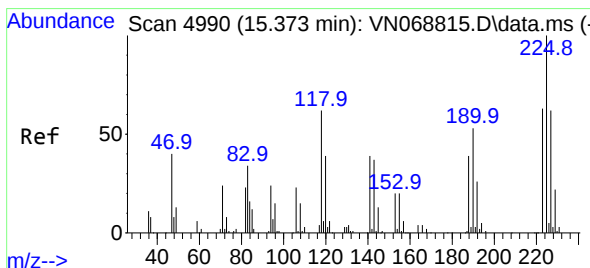
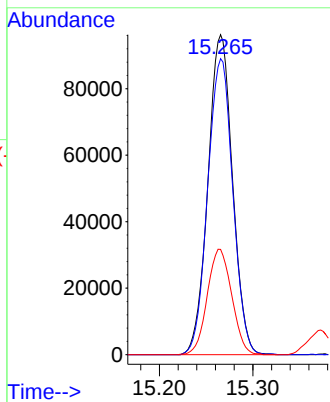
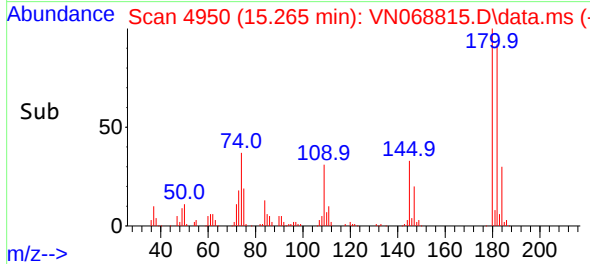
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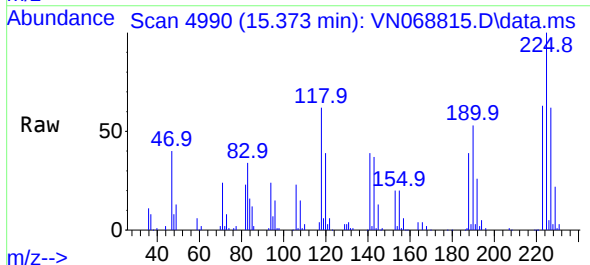
#93
1,2,4-Trichlorobenzene
Concen: 43.49 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16



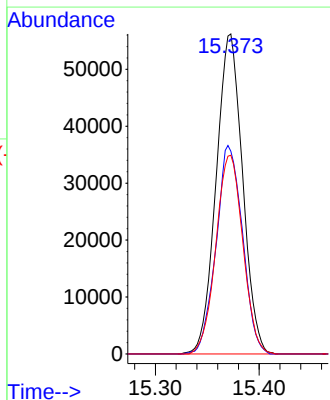
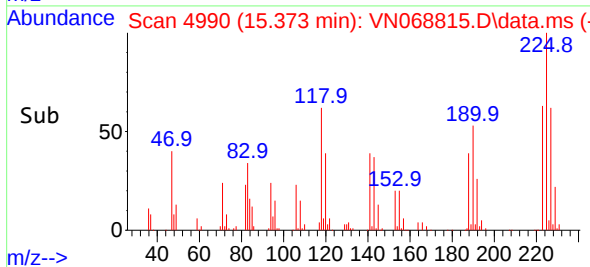
Tgt Ion:180 Resp: 175626
Ion Ratio Lower Upper
180 100
182 94.4 47.5 142.5
145 32.9 17.2 51.6



#94
Hexachlorobutadiene
Concen: 42.77 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.000 min
Lab File: VN068815.D
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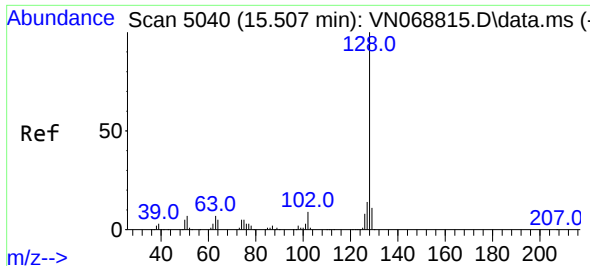
Tgt Ion:225 Resp: 99240
Ion Ratio Lower Upper
225 100
223 65.1 31.4 94.0
227 63.5 31.2 93.6



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ClientSampleId :
VSTDICCC050

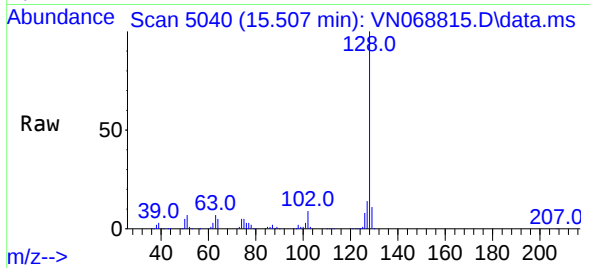
Manual Integrations
APPROVED

MMDadoda
10/7/2021 5:34:19 PM



#95
Naphthalene
Concen: 47.47 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

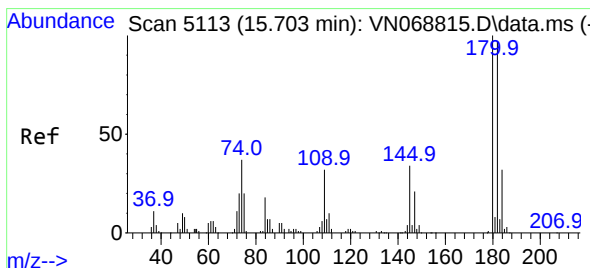
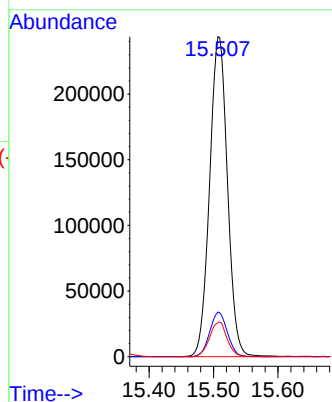


Tgt Ion:128 Resp: 468532

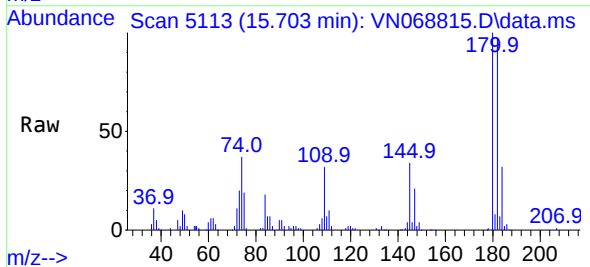
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.6	15.8
129	10.7	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/7/2021 5:34:19 PM



#96
1,2,3-Trichlorobenzene
Concen: 43.93 ug/l
RT: 15.703 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN068815.D
Acq: 6 Oct 2021 13:16



Tgt Ion:180 Resp: 170472

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.8	143.3
145	33.5	18.2	54.6

