

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075769.D
 Acq On : 14 Dec 2022 14:39
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN121422

Quant Time: Dec 15 00:26:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/15/2022
 Supervised By : Mahesh Dadoda 12/15/2022

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	252295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	407200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	379475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	190220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	145054	52.848	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.700%			
35) Dibromofluoromethane	8.171	113	128808	51.079	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.160%			
50) Toluene-d8	10.571	98	467912	49.628	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.260%			
62) 4-Bromofluorobenzene	12.853	95	169300	54.214	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	79671	44.475	ug/l	99
3) Chloromethane	2.371	50	98514	44.225	ug/l	97
4) Vinyl Chloride	2.524	62	116033	43.669	ug/l	99
5) Bromomethane	2.936	94	107849	47.759	ug/l	97
6) Chloroethane	3.118	64	90309	45.896	ug/l	91
7) Trichlorofluoromethane	3.501	101	178700	44.321	ug/l	93
8) Diethyl Ether	3.971	74	78104	53.037	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	106857	46.413	ug/l	98
10) Methyl Iodide	4.601	142	179457	48.029	ug/l	100
11) Tert butyl alcohol	5.536	59	114956	295.991	ug/l	99
12) 1,1-Dichloroethene	4.348	96	101153	45.237	ug/l	97
13) Acrolein	4.189	56	140184	294.419	ug/l	100
14) Allyl chloride	5.030	41	142205	54.403	ug/l	98
15) Acrylonitrile	5.730	53	298698	281.828	ug/l	100
16) Acetone	4.436	43	265464	280.569	ug/l	98
17) Carbon Disulfide	4.718	76	240611	44.443	ug/l	99
18) Methyl Acetate	5.036	43	155894	55.741	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	410836	55.793	ug/l	94
20) Methylene Chloride	5.283	84	130081	51.412	ug/l	96
21) trans-1,2-Dichloroethene	5.795	96	114536	46.771	ug/l	98
22) Diisopropyl ether	6.683	45	336651	53.017	ug/l	97
23) Vinyl Acetate	6.612	43	1223757	286.327	ug/l	100
24) 1,1-Dichloroethane	6.577	63	205892	48.618	ug/l	100
25) 2-Butanone	7.489	43	389883	294.295	ug/l	96
26) 2,2-Dichloropropane	7.500	77	177156	49.398	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	146345	49.968	ug/l	98
28) Bromochloromethane	7.818	49	84479	45.513	ug/l	98
29) Tetrahydrofuran	7.842	42	242451	292.033	ug/l	100
30) Chloroform	7.971	83	230365	48.314	ug/l	96
31) Cyclohexane	8.265	56	170557	43.388	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	200512	47.434	ug/l	99
36) 1,1-Dichloropropene	8.377	75	160356	47.869	ug/l	99
37) Ethyl Acetate	7.565	43	152584	56.707	ug/l	96
38) Carbon Tetrachloride	8.365	117	177417	47.321	ug/l	99
39) Methylcyclohexane	9.606	83	207359	51.309	ug/l	97
40) Benzene	8.612	78	504127	48.776	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	82012	58.637	ug/l	98
42) 1,2-Dichloroethane	8.677	62	178929	52.073	ug/l	100
43) Isopropyl Acetate	8.694	43	261965	59.020	ug/l	98
44) Trichloroethene	9.353	130	135504	46.538	ug/l	99
45) 1,2-Dichloropropane	9.624	63	124608	49.544	ug/l	96
46) Dibromomethane	9.712	93	96292	51.619	ug/l	96
47) Bromodichloromethane	9.888	83	189597	51.828	ug/l	98
48) Methyl methacrylate	9.683	41	118967	59.510	ug/l	98
49) 1,4-Dioxane	9.700	88	63589	1293.853	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	790462	294.477	ug/l	100
52) Toluene	10.630	92	335995	49.916	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	203048	56.702	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	216354	55.028	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	138887	52.568	ug/l	95
56) Ethyl methacrylate	10.877	69	209712	59.758	ug/l	98
57) 1,3-Dichloropropane	11.165	76	231908	53.512	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	326811	292.497	ug/l	99
59) 2-Hexanone	11.200	43	586737m	299.728	ug/l	
60) Dibromochloromethane	11.359	129	160846	54.743	ug/l	99
61) 1,2-Dibromoethane	11.471	107	148466	55.529	ug/l	100
64) Tetrachloroethene	11.106	164	120163	45.000	ug/l	99
65) Chlorobenzene	11.894	112	370297	47.543	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	143038	49.582	ug/l	99
67) Ethyl Benzene	11.965	91	652565	49.643	ug/l	97
68) m/p-Xylenes	12.077	106	526475	101.189	ug/l	98
69) o-Xylene	12.400	106	258288	50.165	ug/l	98
70) Styrene	12.412	104	430462	52.581	ug/l	99
71) Bromoform	12.582	173	118861	56.622	ug/l #	99
73) Isopropylbenzene	12.700	105	655454	47.683	ug/l	100
74) N-amyl acetate	12.500	43	232250	57.592	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	214747	50.535	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	158789m	41.412	ug/l	
77) Bromobenzene	12.982	156	169685	48.777	ug/l	99
78) n-propylbenzene	13.041	91	754792	49.784	ug/l	100
79) 2-Chlorotoluene	13.129	91	455624	48.142	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	572351	49.749	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	62777	58.932	ug/l	98
82) 4-Chlorotoluene	13.129	91	455624	48.142	ug/l	100
83) tert-Butylbenzene	13.441	119	497044	49.001	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	580234	50.839	ug/l	99
85) sec-Butylbenzene	13.618	105	698614	49.899	ug/l	99
86) p-Isopropyltoluene	13.729	119	609874	52.351	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	318834	49.616	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	315676	48.087	ug/l	100
89) n-Butylbenzene	14.059	91	502637	53.258	ug/l	99
90) Hexachloroethane	14.335	117	105272	50.517	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	317792	50.207	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	38839	51.509	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	168555	53.788	ug/l	99
94) Hexachlorobutadiene	15.506	225	81481	47.658	ug/l	99
95) Naphthalene	15.641	128	534453	51.555	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	164420	56.137	ug/l	98

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ICVVN121422

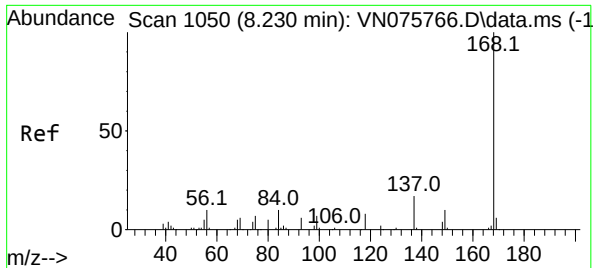
Manual Integrations
APPROVED

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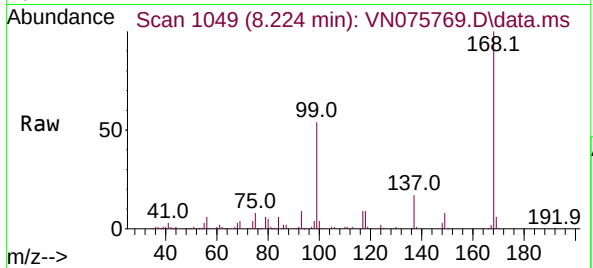
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
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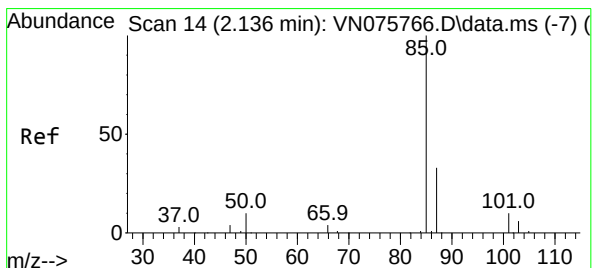
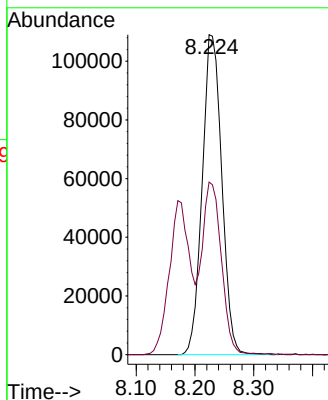
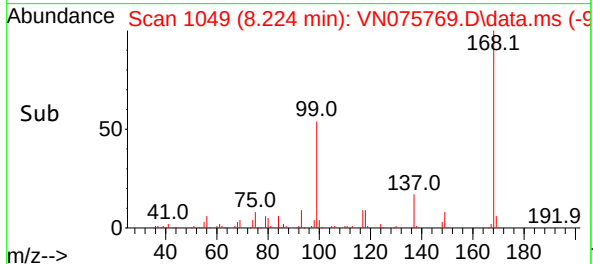
Instrument :
MSVOA_N
ClientSampleId :
ICNVN121422



Tgt Ion:168 Resp: 25229
Ion Ratio Lower Upper
168 100
99 53.7 44.2 66.4

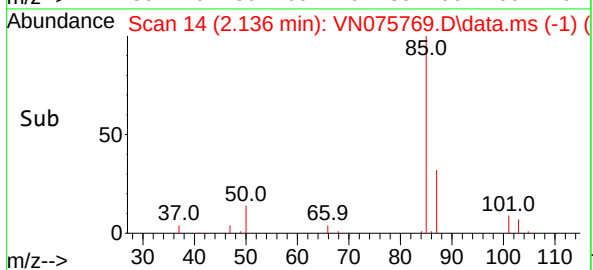
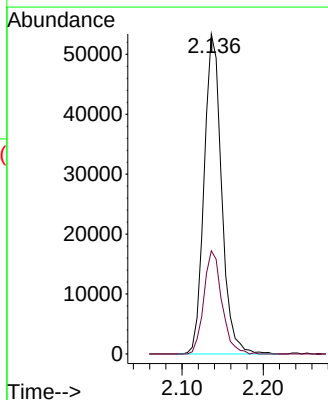
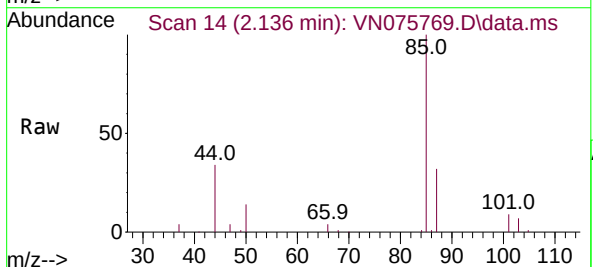
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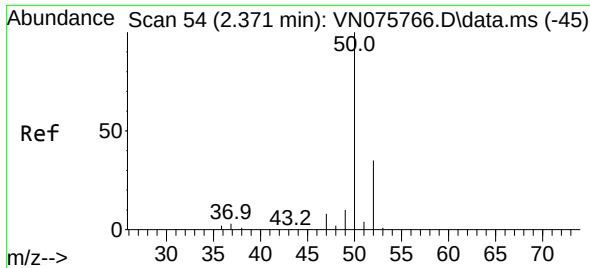
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#2
Dichlorodifluoromethane
Concen: 44.475 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

Tgt Ion: 85 Resp: 79671
Ion Ratio Lower Upper
85 100
87 32.3 16.3 48.9





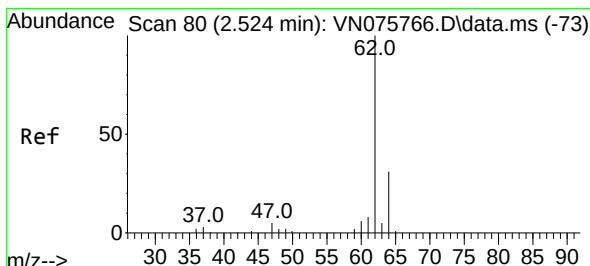
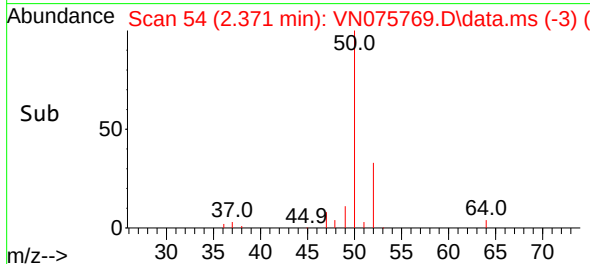
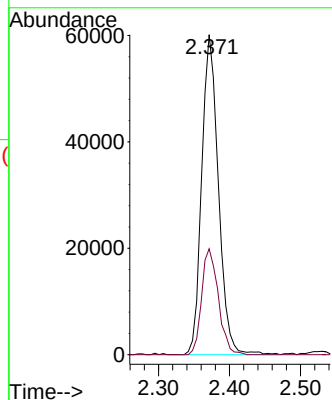
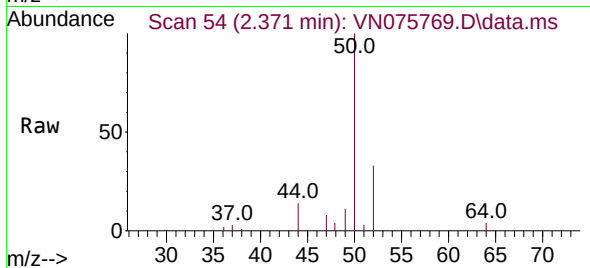
#3
Chloromethane
Concen: 44.225 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

Instrument :
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Tgt Ion: 50 Resp: 98514
Ion Ratio Lower Upper
50 100
52 33.1 27.7 41.5

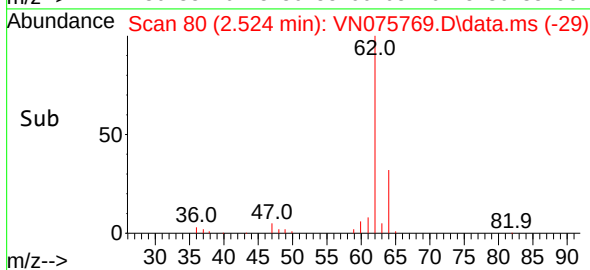
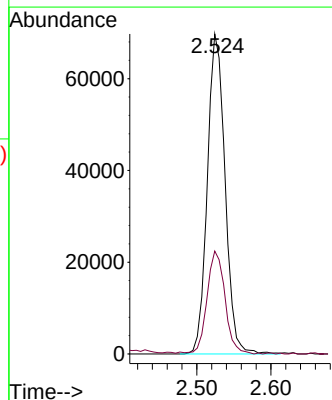
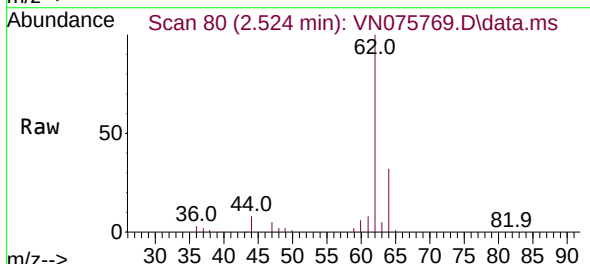
Manual Integrations
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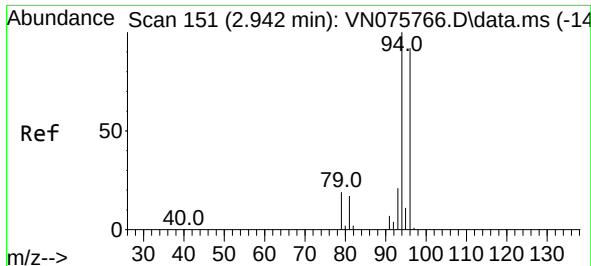
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#4
Vinyl Chloride
Concen: 43.669 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

Tgt Ion: 62 Resp: 116033
Ion Ratio Lower Upper
62 100
64 31.9 24.9 37.3





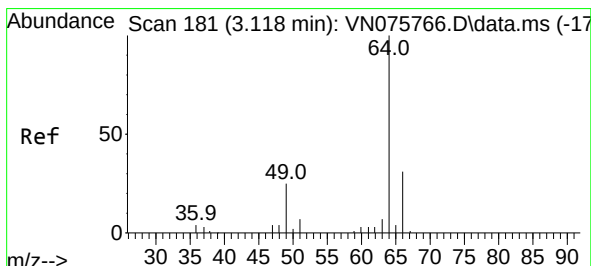
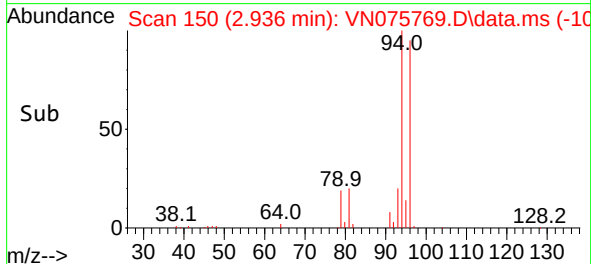
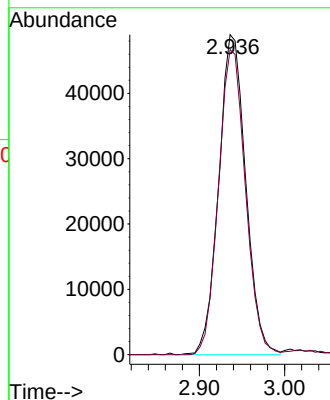
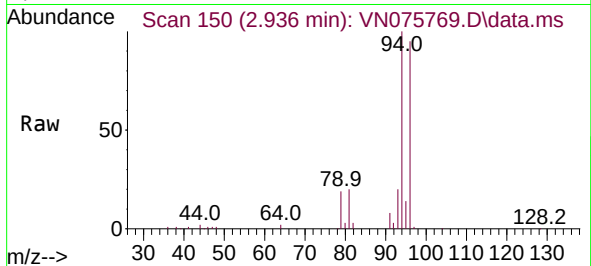
#5
Bromomethane
Concen: 47.759 ug/l
RT: 2.936 min Scan# 151
Delta R.T. -0.006 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

Instrument :
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Tgt Ion: 94 Resp: 107849
Ion Ratio Lower Upper
94 100
96 95.3 73.8 110.6

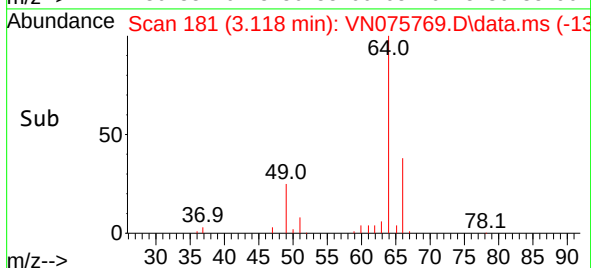
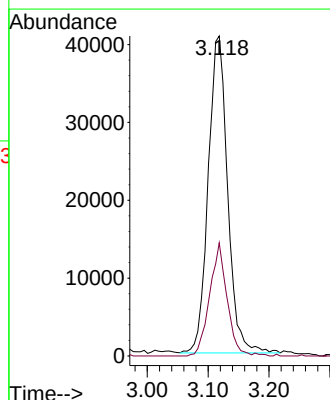
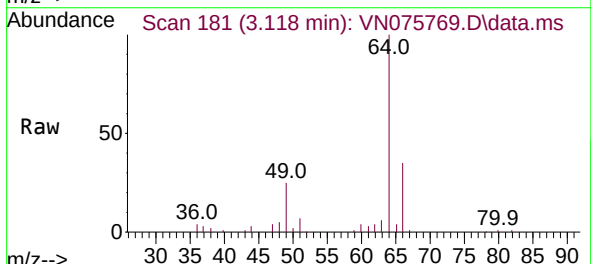
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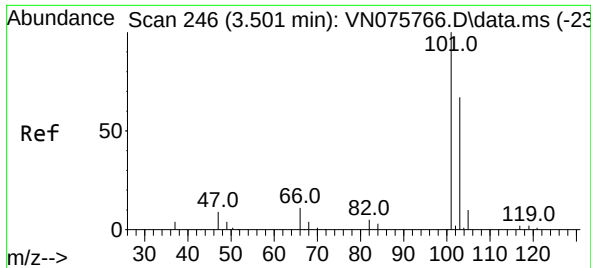
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#6
Chloroethane
Concen: 45.896 ug/l
RT: 3.118 min Scan# 181
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

Tgt Ion: 64 Resp: 90309
Ion Ratio Lower Upper
64 100
66 35.7 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 44.321 ug/l
 RT: 3.501 min Scan# 246
 Delta R.T. 0.000 min
 Lab File: VN075769.D
 Acq: 14 Dec 2022 14:39

Instrument :

MSVOA_N

ClientSampleId :

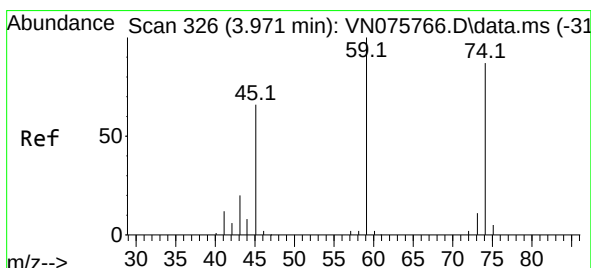
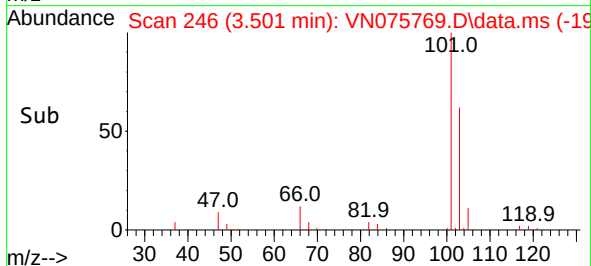
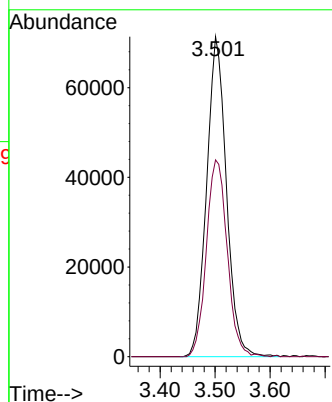
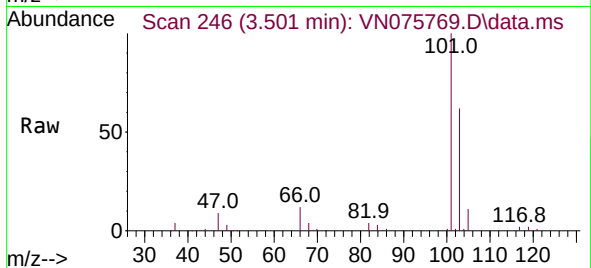
ICVVN121422

Tgt Ion:101 Resp: 178700
 Ion Ratio Lower Upper
 101 100
 103 61.5 53.4 80.2

Manual Integrations

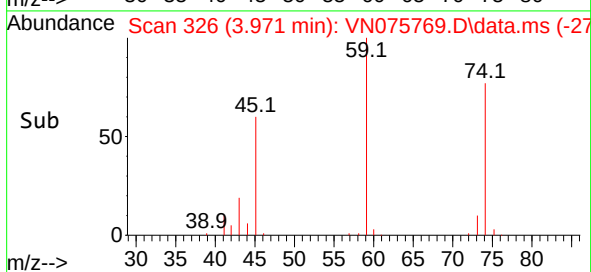
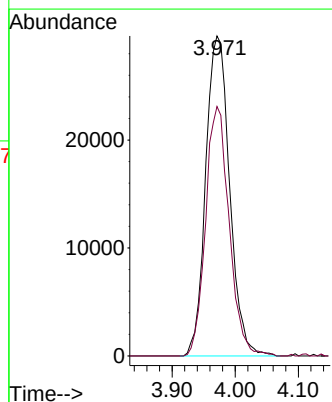
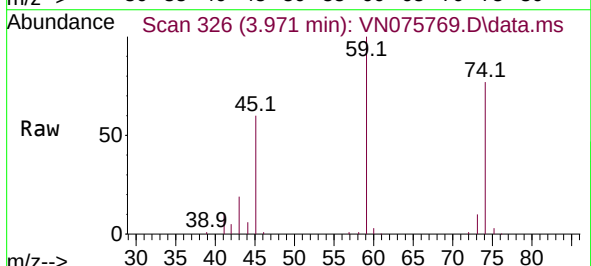
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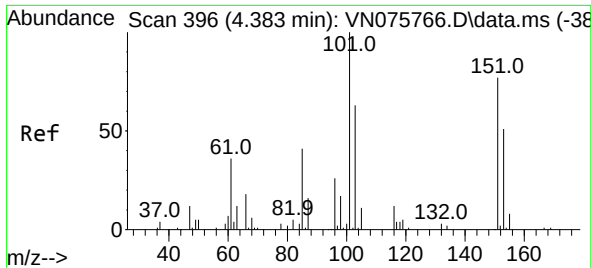
Reviewed By :John Carlone 12/15/2022
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#8
 Diethyl Ether
 Concen: 53.037 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.000 min
 Lab File: VN075769.D
 Acq: 14 Dec 2022 14:39

Tgt Ion: 74 Resp: 78104
 Ion Ratio Lower Upper
 74 100
 45 76.8 37.8 113.4





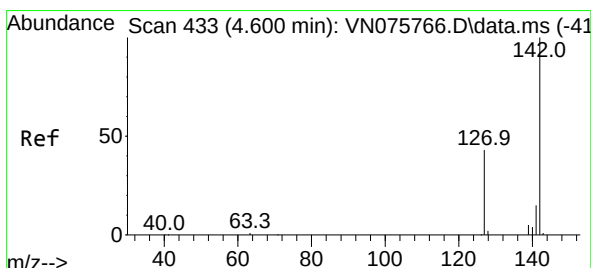
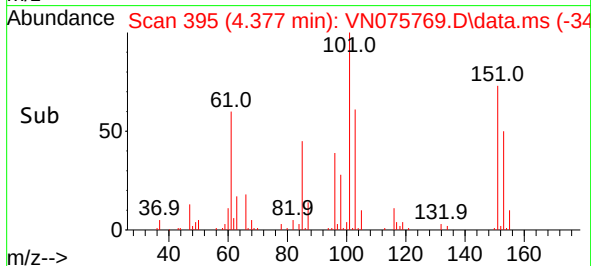
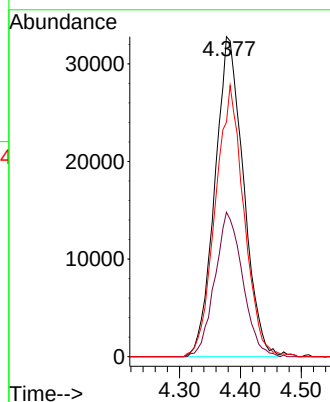
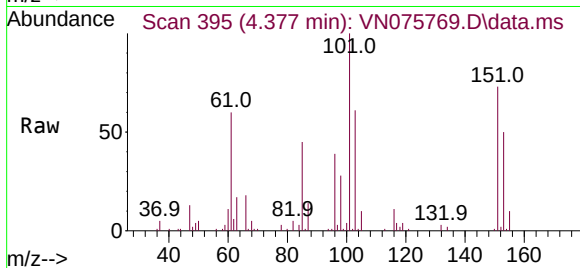
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.413 ug/l
RT: 4.377 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121422

Tgt Ion:101 Resp: 10685
Ion Ratio Lower Upper
101 100
85 43.9 35.3 52.9
151 84.9 65.6 98.4

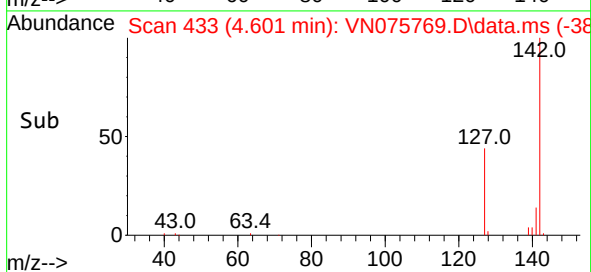
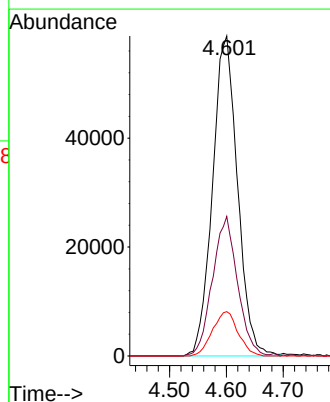
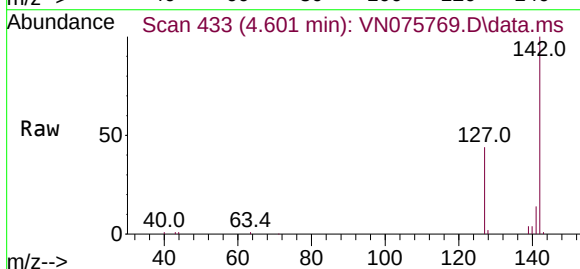
Manual Integrations
APPROVED

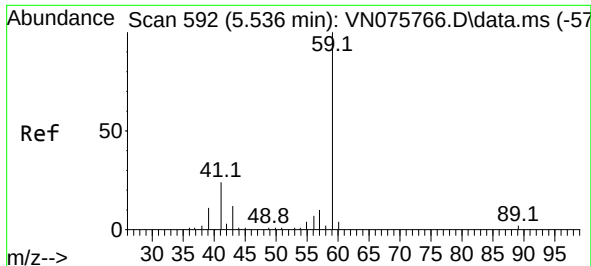
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#10
Methyl Iodide
Concen: 48.029 ug/l
RT: 4.601 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

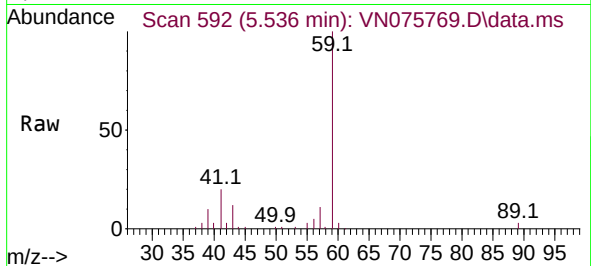
Tgt Ion:142 Resp: 179457
Ion Ratio Lower Upper
142 100
127 43.6 34.7 52.1
141 14.2 11.4 17.2





#11
Tert butyl alcohol
Concen: 295.991 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

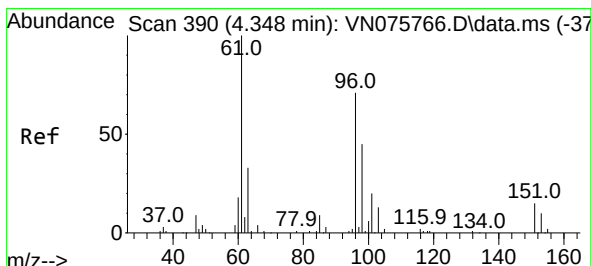
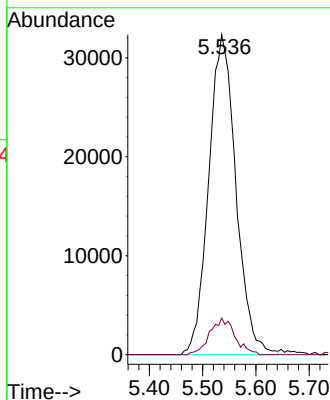
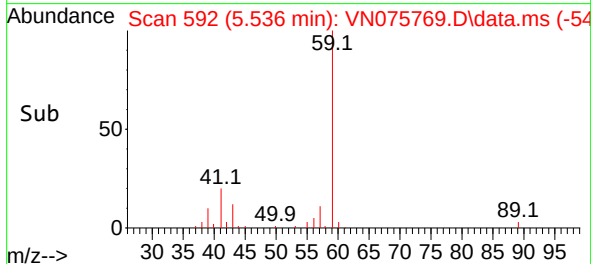
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121422



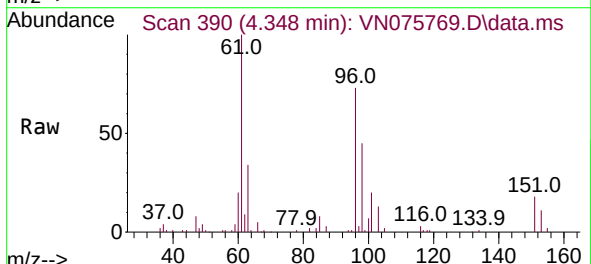
Tgt Ion: 59 Resp: 114950
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

Manual Integrations
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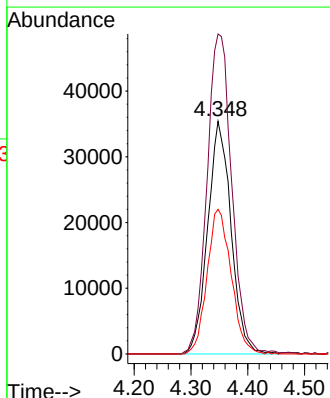
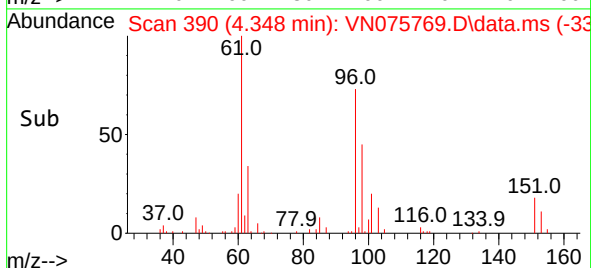
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

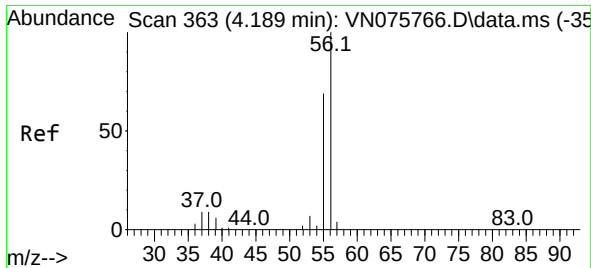


#12
1,1-Dichloroethene
Concen: 45.237 ug/l
RT: 4.348 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39



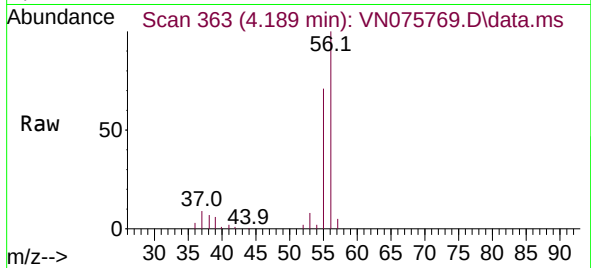
Tgt Ion: 96 Resp: 101153
Ion Ratio Lower Upper
96 100
61 137.5 113.3 169.9
98 62.2 50.9 76.3





#13
Acrolein
Concen: 294.419 ug/l
RT: 4.189 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

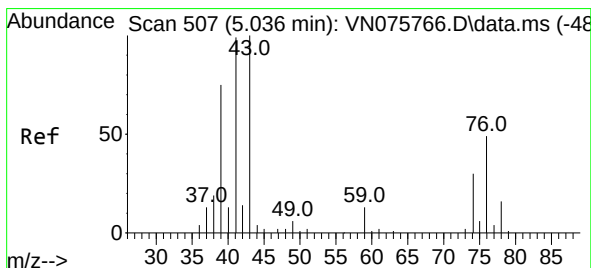
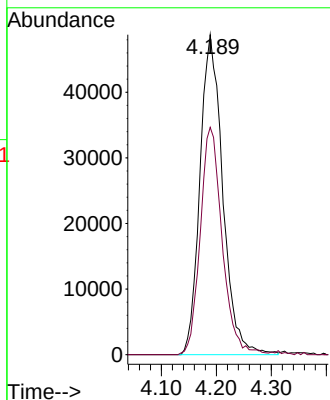
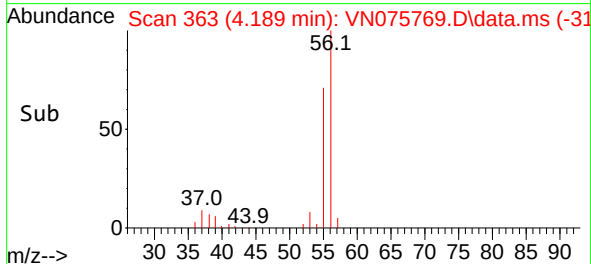
Instrument :
MSVOA_N
ClientSampleId :
ICNVN121422



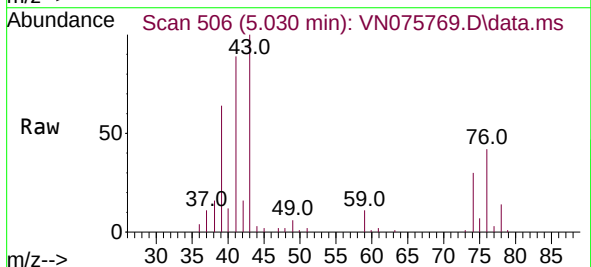
Tgt Ion: 56 Resp: 140184
Ion Ratio Lower Upper
56 100
55 68.4 54.8 82.2

Manual Integrations
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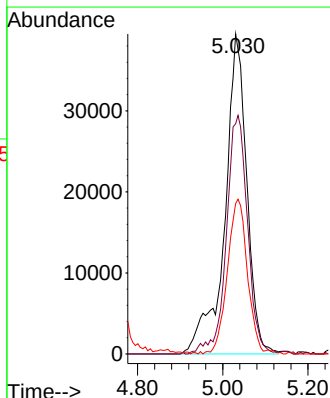
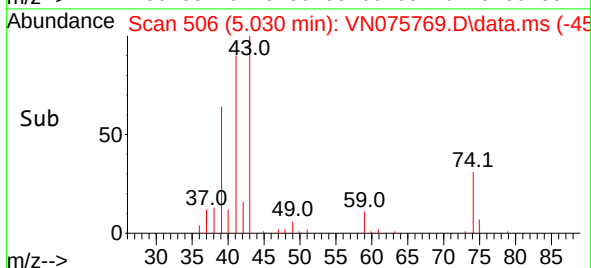
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

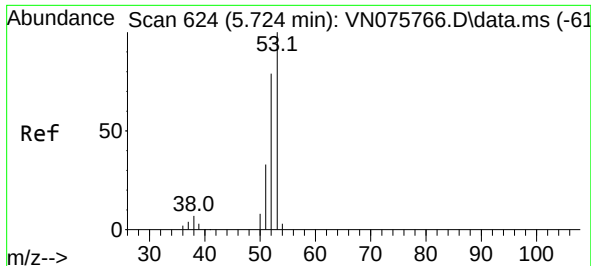


#14
Allyl chloride
Concen: 54.403 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39



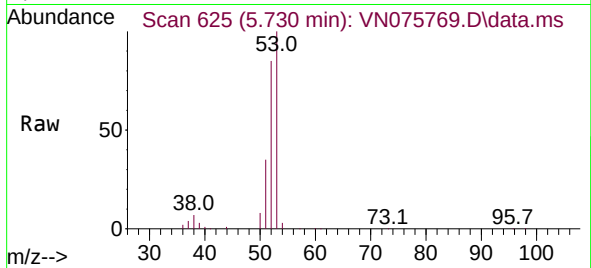
Tgt Ion: 41 Resp: 142205
Ion Ratio Lower Upper
41 100
39 71.5 58.3 87.5
76 43.7 35.8 53.6





#15
Acrylonitrile
Concen: 281.828 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

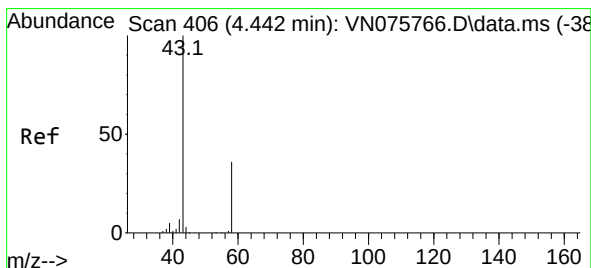
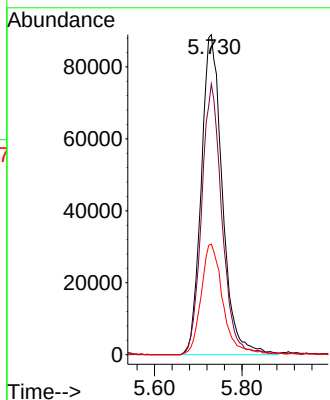
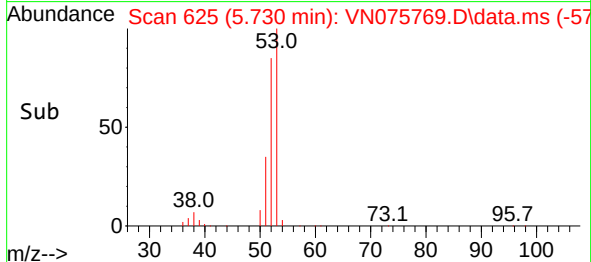
Instrument :
MSVOA_N
ClientSampleId :
ICNVN121422



Tgt Ion: 53 Resp: 298698
Ion Ratio Lower Upper
53 100
52 81.4 65.4 98.0
51 35.7 28.9 43.3

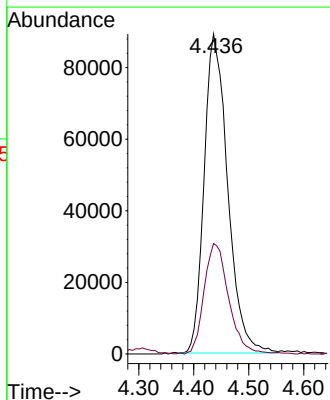
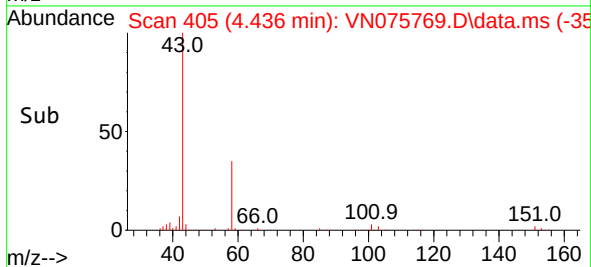
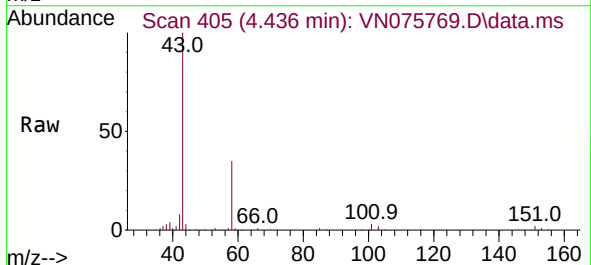
Manual Integrations
APPROVED

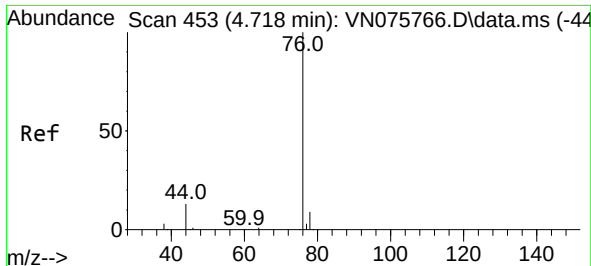
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#16
Acetone
Concen: 280.569 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

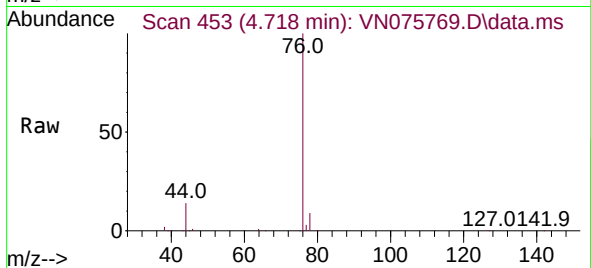
Tgt Ion: 43 Resp: 265464
Ion Ratio Lower Upper
43 100
58 34.5 28.6 43.0





#17
Carbon Disulfide
Concen: 44.443 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

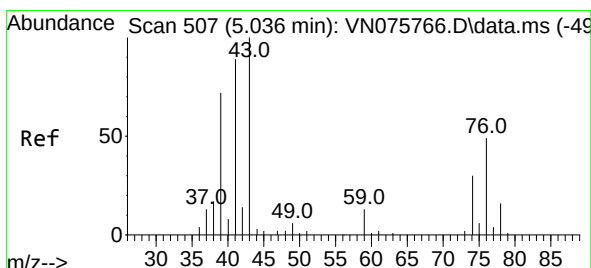
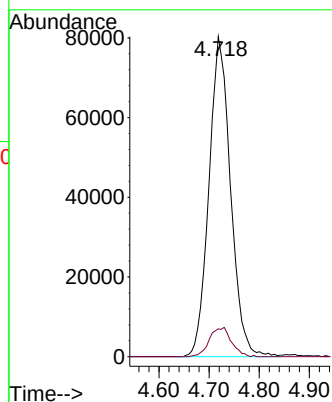
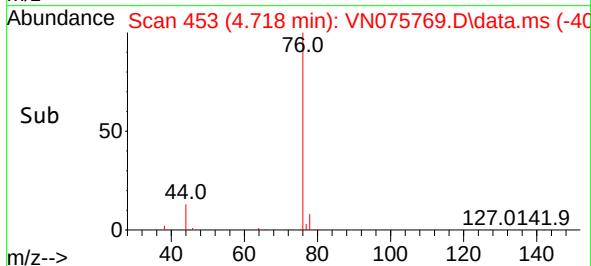
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121422



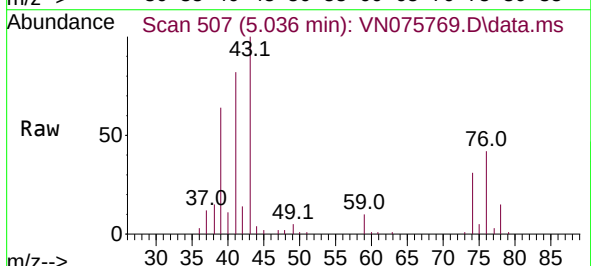
Tgt Ion: 76 Resp: 24061
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2

Manual Integrations
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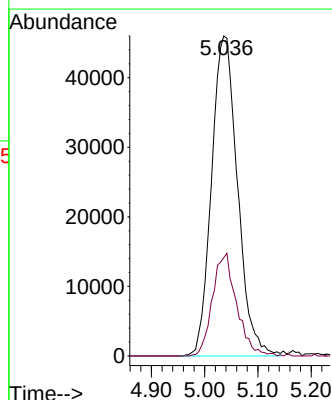
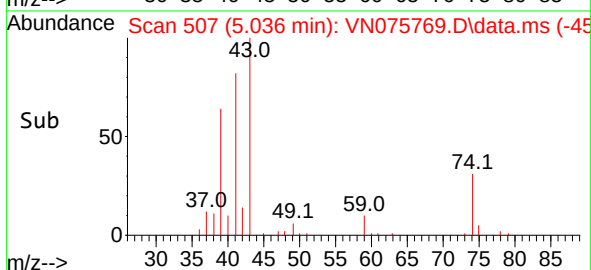
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

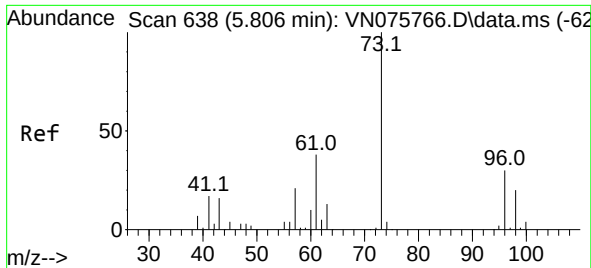


#18
Methyl Acetate
Concen: 55.741 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39



Tgt Ion: 43 Resp: 155894
Ion Ratio Lower Upper
43 100
74 29.8 23.6 35.4





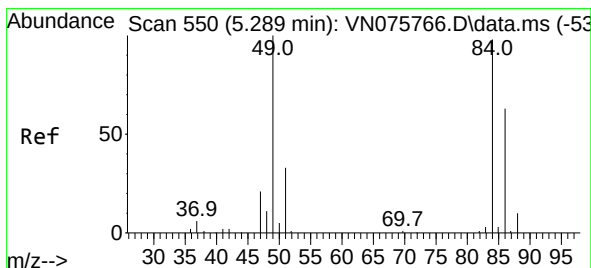
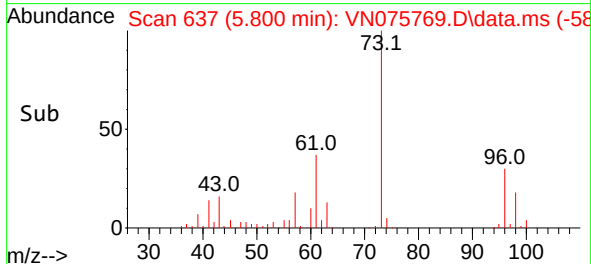
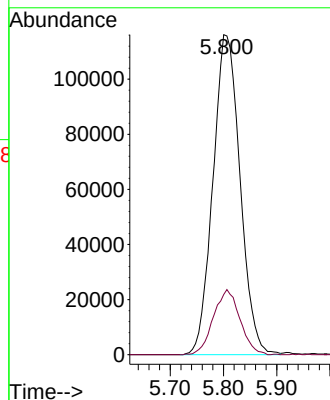
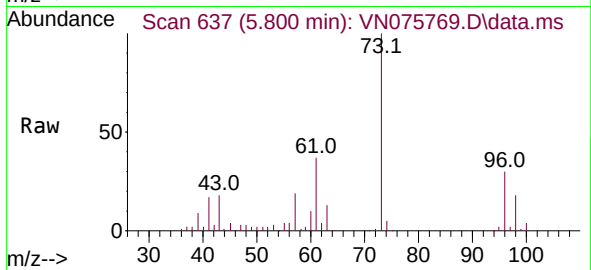
#19
Methyl tert-butyl Ether
Concen: 55.793 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

Instrument :
MSVOA_N
ClientSampleId :
ICVNVN121422

Tgt Ion: 73 Resp: 410830
Ion Ratio Lower Upper
73 100
57 18.8 17.1 25.7

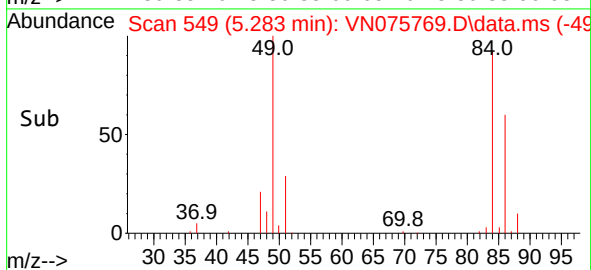
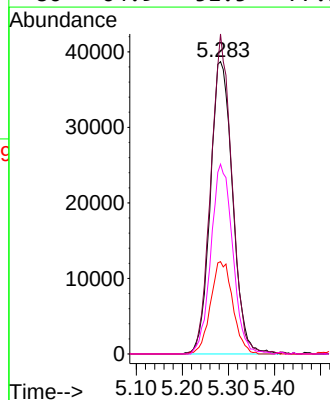
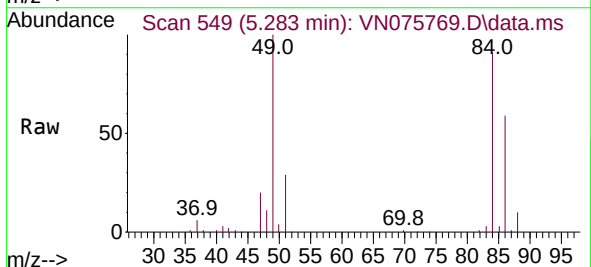
Manual Integrations
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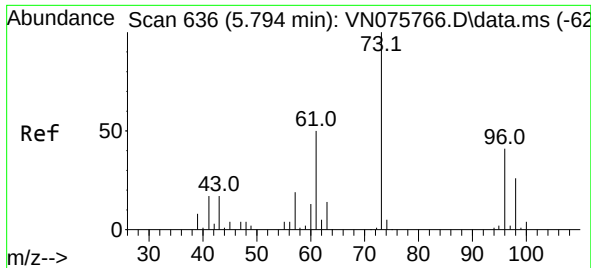
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#20
Methylene Chloride
Concen: 51.412 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

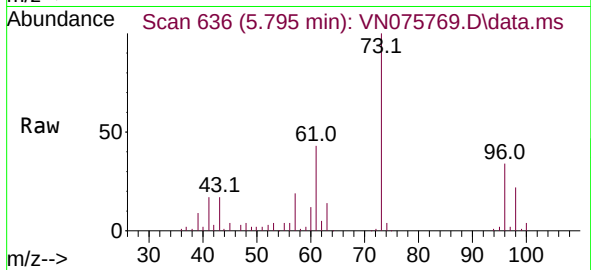
Tgt Ion: 84 Resp: 130081
Ion Ratio Lower Upper
84 100
49 109.5 81.8 122.6
51 31.6 26.7 40.1
86 64.9 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 46.771 ug/l
RT: 5.795 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

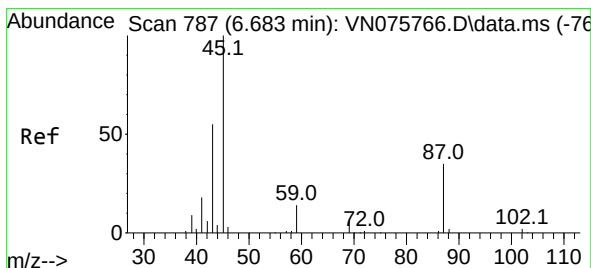
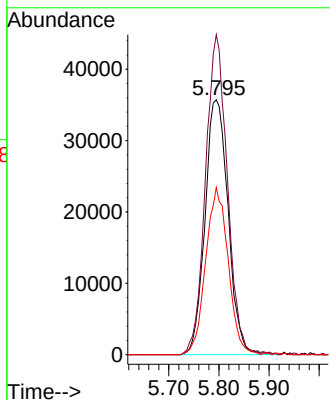
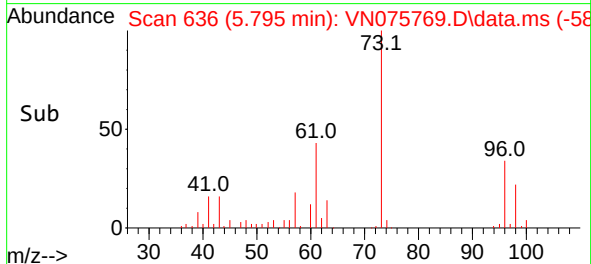
Instrument :
MSVOA_N
ClientSampleId :
ICVNV121422



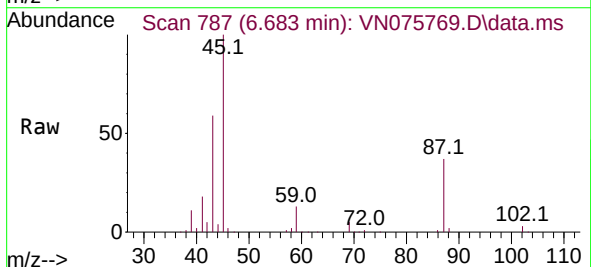
Tgt Ion: 96 Resp: 114530
Ion Ratio Lower Upper
96 100
61 125.6 98.1 147.1
98 65.6 51.4 77.2

Manual Integrations
APPROVED

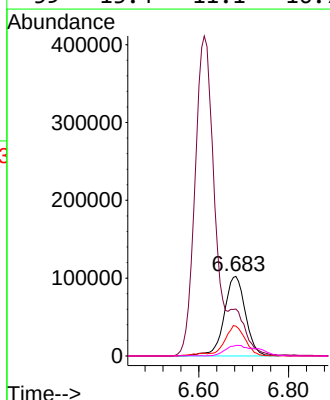
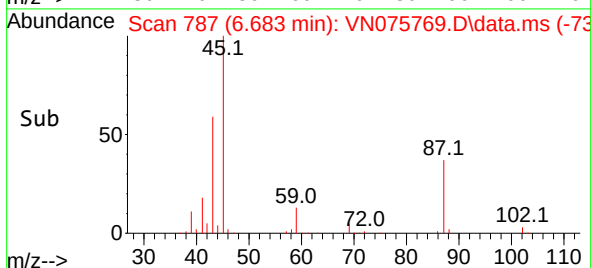
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

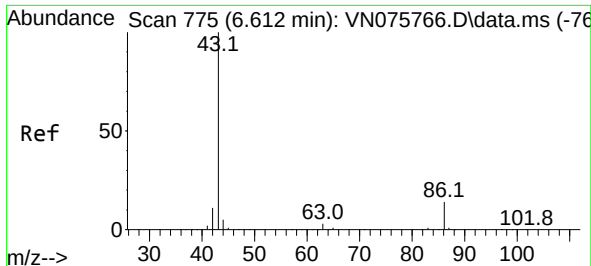


#22
Diisopropyl ether
Concen: 53.017 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39



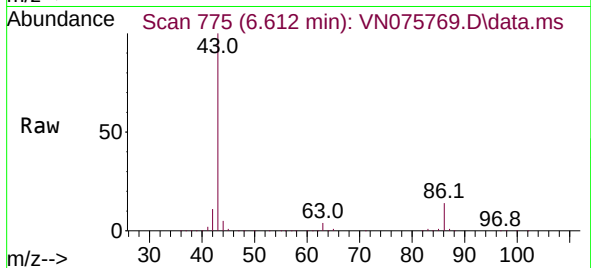
Tgt Ion: 45 Resp: 336651
Ion Ratio Lower Upper
45 100
43 57.9 44.2 66.4
87 37.4 28.3 42.5
59 13.4 11.1 16.7





#23
 Vinyl Acetate
 Concen: 286.327 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075769.D
 Acq: 14 Dec 2022 14:39

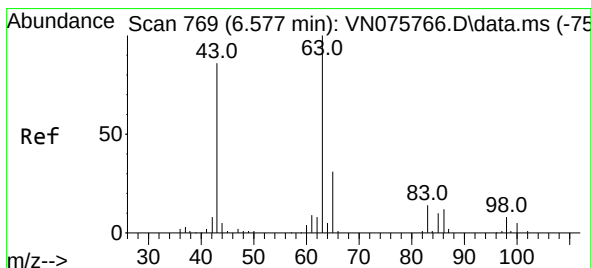
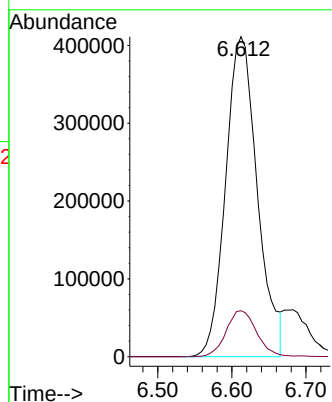
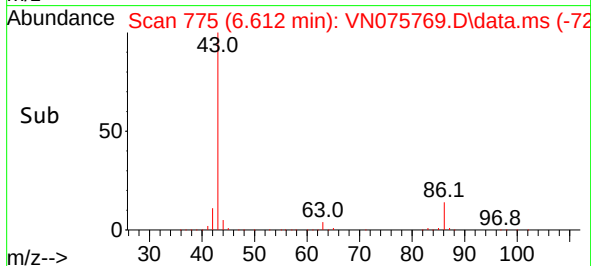
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN121422



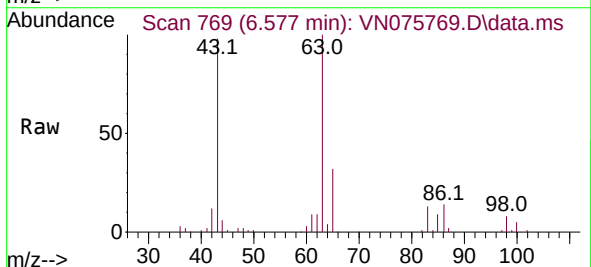
Tgt Ion: 43 Resp: 122375
 Ion Ratio Lower Upper
 43 100
 86 14.4 11.4 17.2

Manual Integrations
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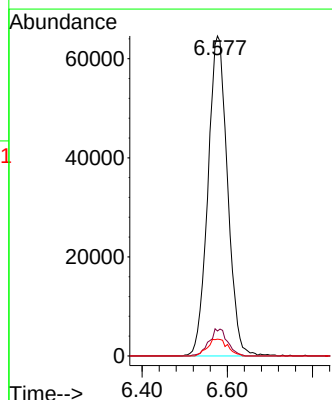
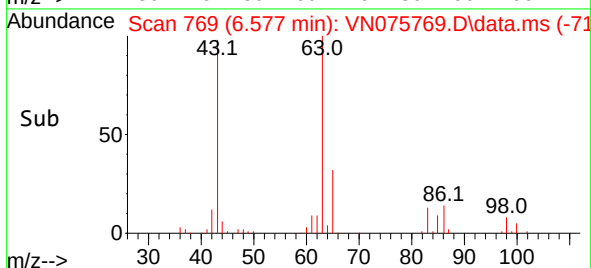
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

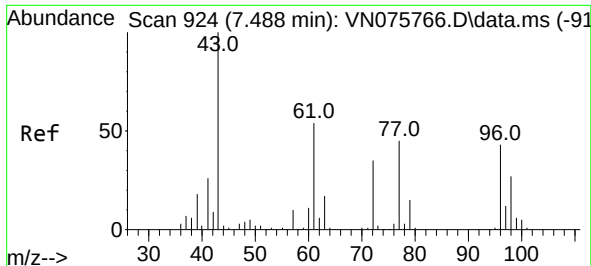


#24
 1,1-Dichloroethane
 Concen: 48.618 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN075769.D
 Acq: 14 Dec 2022 14:39



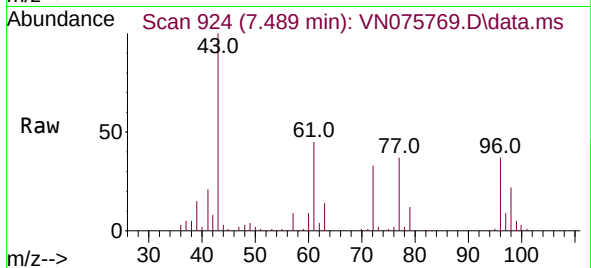
Tgt Ion: 63 Resp: 205892
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.5
 100 5.3 2.5 7.6





#25
2-Butanone
Concen: 294.295 ug/l
RT: 7.489 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

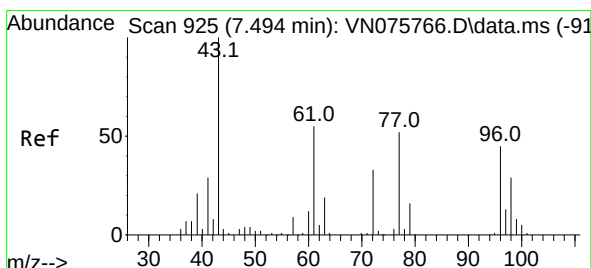
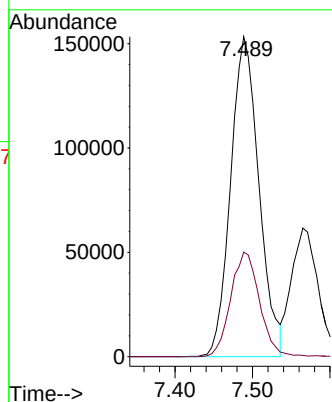
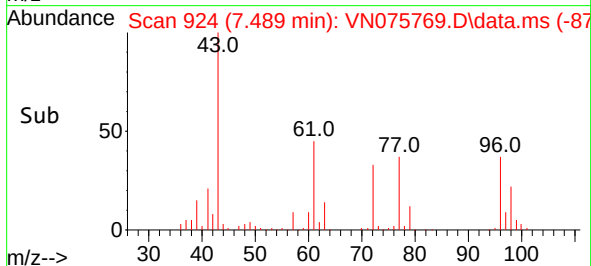
Instrument :
MSVOA_N
ClientSampleId :
ICVNV121422



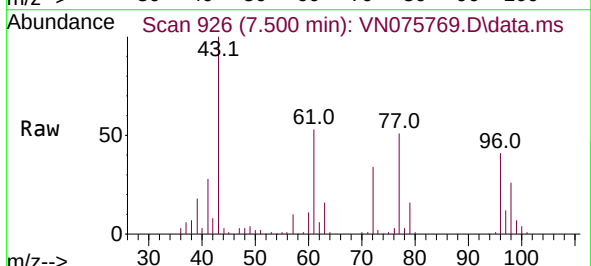
Tgt Ion: 43 Resp: 38988
Ion Ratio Lower Upper
43 100
72 32.7 28.0 42.0

Manual Integrations
APPROVED

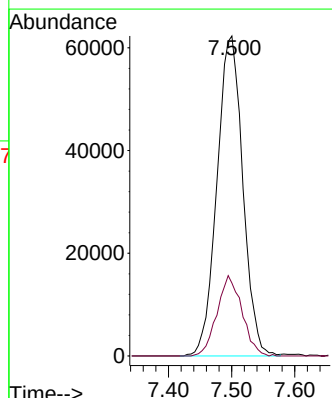
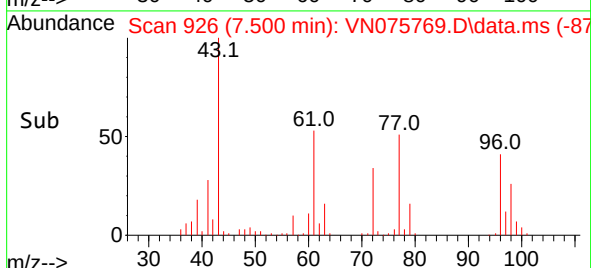
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

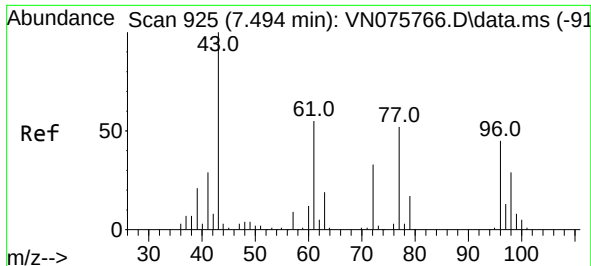


#26
2,2-Dichloropropane
Concen: 49.398 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39



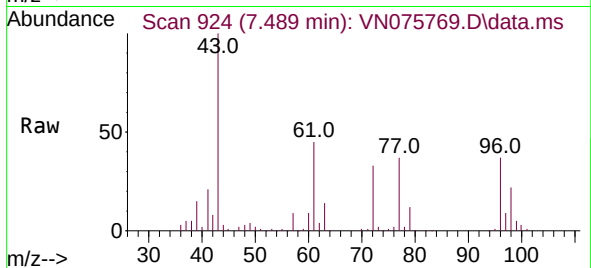
Tgt Ion: 77 Resp: 177156
Ion Ratio Lower Upper
77 100
97 24.2 12.7 38.0





#27
cis-1,2-Dichloroethene
Concen: 49.968 ug/l
RT: 7.489 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

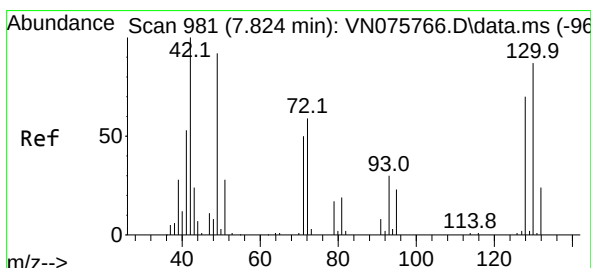
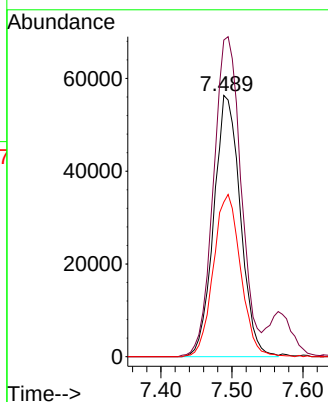
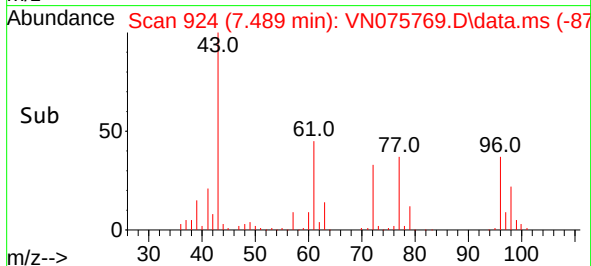
Instrument :
MSVOA_N
ClientSampleId :
ICVNV121422



Tgt Ion: 96 Resp: 14634
Ion Ratio Lower Upper
96 100
61 127.2 0.0 247.8
98 63.9 0.0 128.4

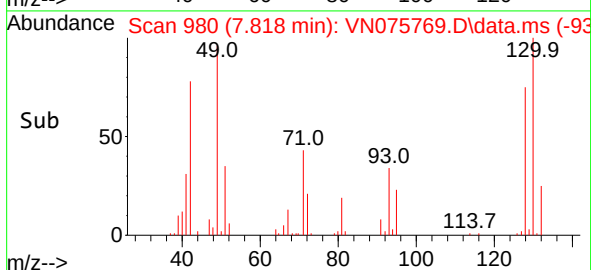
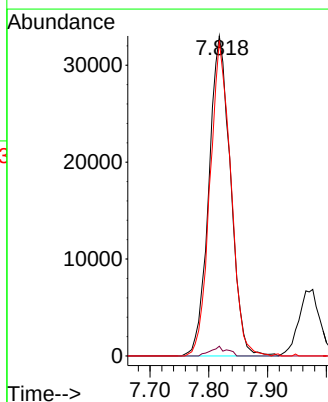
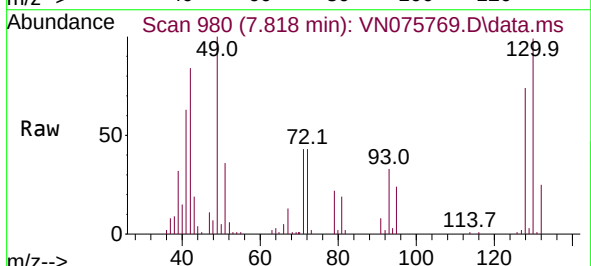
Manual Integrations
APPROVED

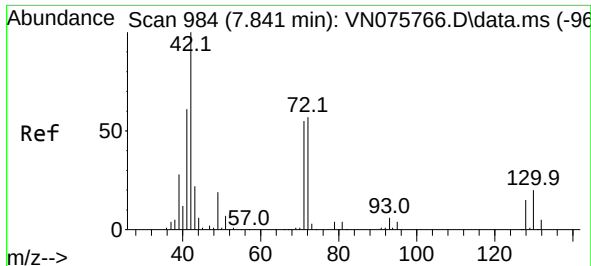
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#28
Bromochloromethane
Concen: 45.513 ug/l
RT: 7.818 min Scan# 980
Delta R.T. -0.006 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

Tgt Ion: 49 Resp: 84479
Ion Ratio Lower Upper
49 100
129 2.3 0.0 5.0
130 94.5 77.0 115.4





#29

Tetrahydrofuran

Concen: 292.033 ug/l

RT: 7.842 min Scan# 984

Delta R.T. 0.000 min

Lab File: VN075769.D

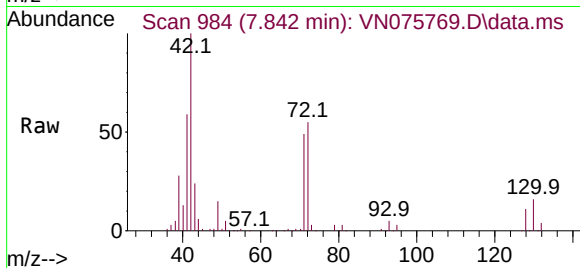
Acq: 14 Dec 2022 14:39

Instrument :

MSVOA_N

ClientSampleId :

ICVNV121422



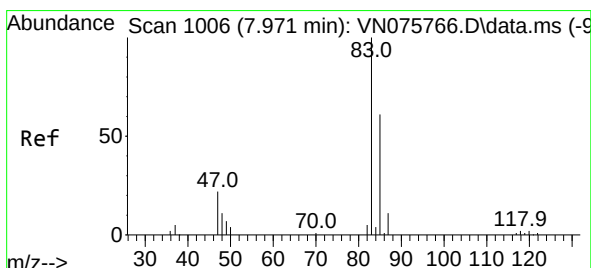
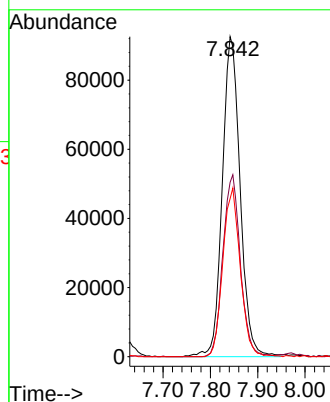
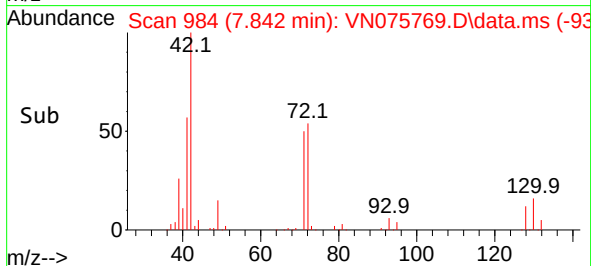
Tgt Ion:	42	Resp:	24245
Ion Ratio	Lower	Upper	
42	100		
72	55.6	44.5	66.7
71	51.5	41.0	61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#30

Chloroform

Concen: 48.314 ug/l

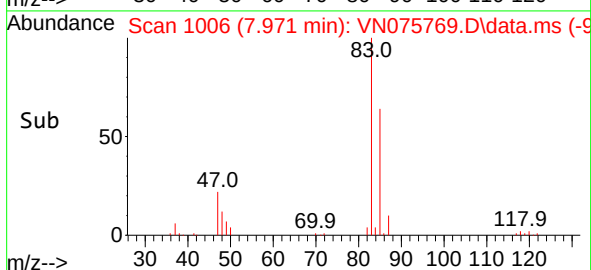
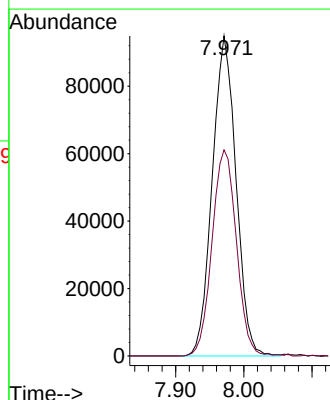
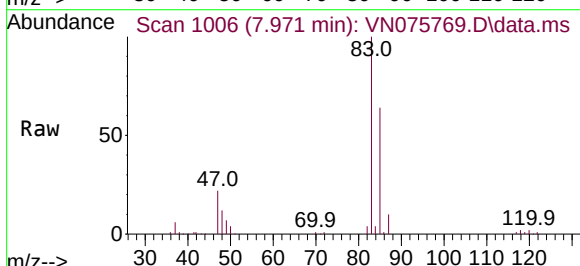
RT: 7.971 min Scan# 1006

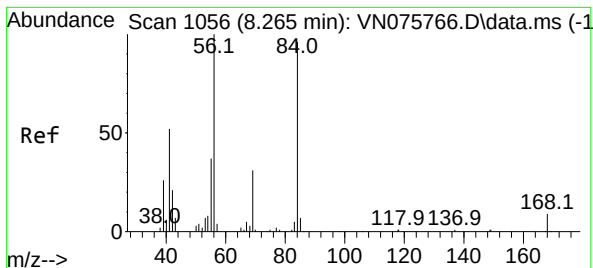
Delta R.T. 0.000 min

Lab File: VN075769.D

Acq: 14 Dec 2022 14:39

Tgt Ion:	83	Resp:	230365
Ion Ratio	Lower	Upper	
83	100		
85	64.4	49.1	73.7





#31

Cyclohexane

Concen: 43.388 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN075769.D

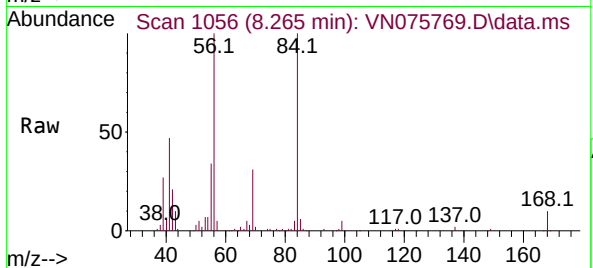
Acq: 14 Dec 2022 14:39

Instrument :

MSVOA_N

ClientSampleId :

ICVVN121422



Tgt Ion: 56 Resp: 17055

Ion Ratio Lower Upper

56 100

69 30.8 24.7 37.1

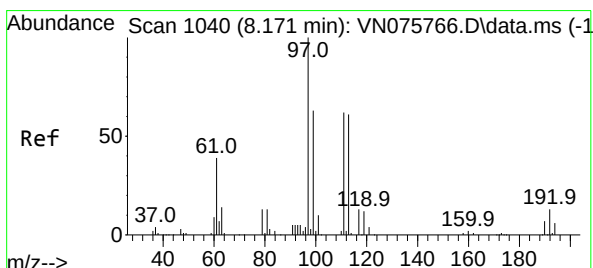
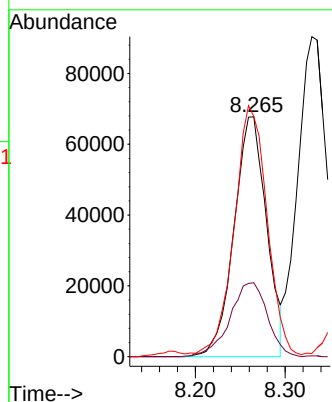
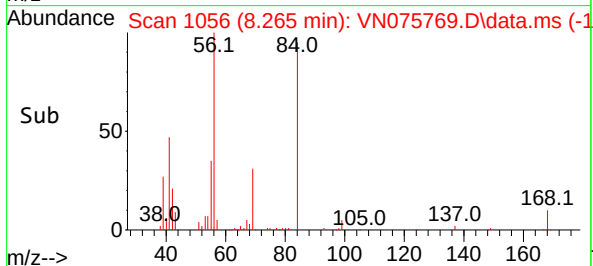
84 98.7 76.5 114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#32

1,1,1-Trichloroethane

Concen: 47.434 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075769.D

Acq: 14 Dec 2022 14:39

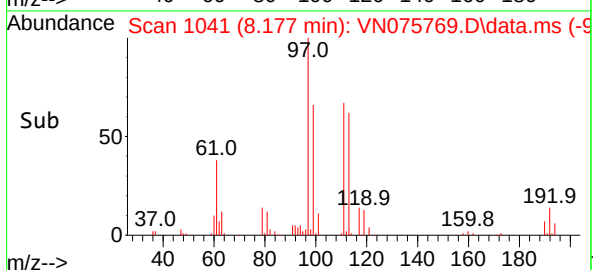
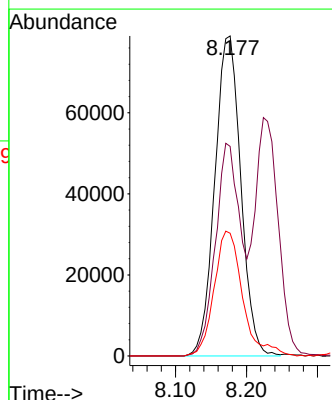
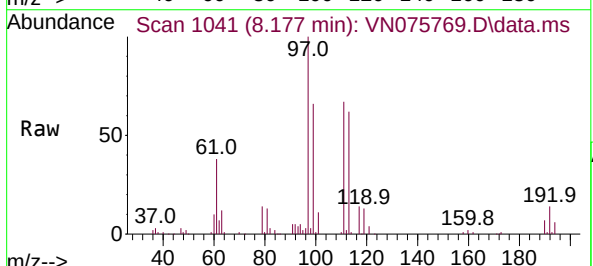
Tgt Ion: 97 Resp: 200512

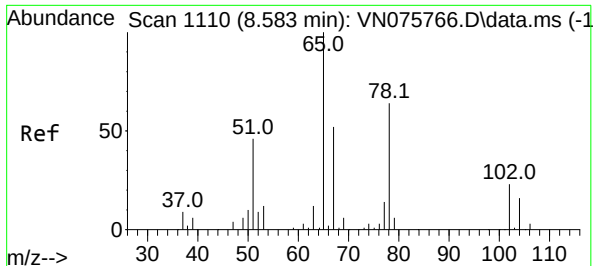
Ion Ratio Lower Upper

97 100

99 64.1 50.2 75.2

61 42.8 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 52.848 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075769.D

Acq: 14 Dec 2022 14:39

Instrument :

MSVOA_N

ClientSampleId :

ICVVN121422

Tgt Ion: 65 Resp: 145054

Ion Ratio Lower Upper

65 100

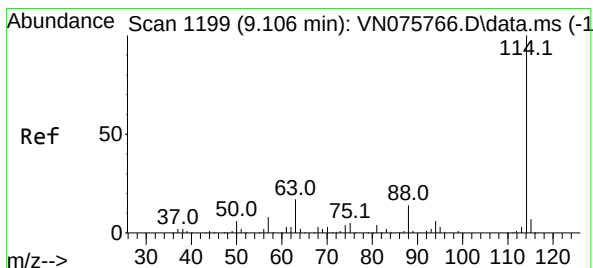
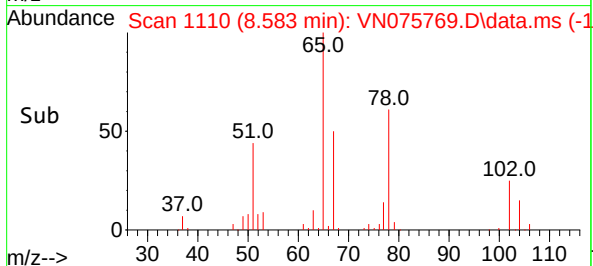
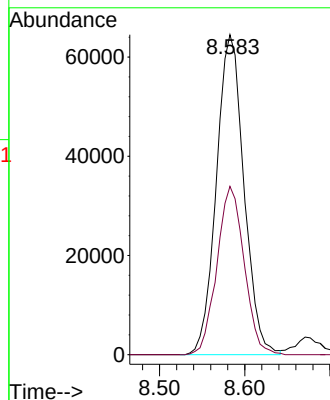
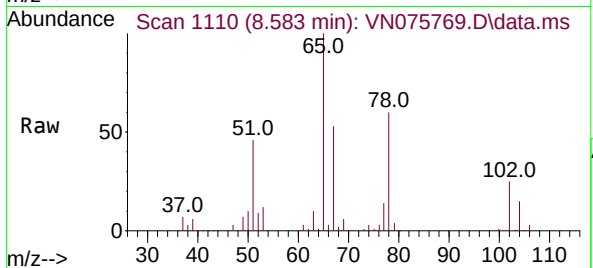
67 51.9 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075769.D

Acq: 14 Dec 2022 14:39

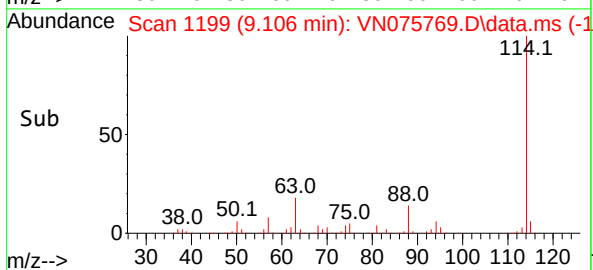
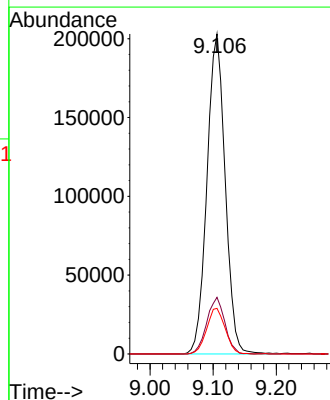
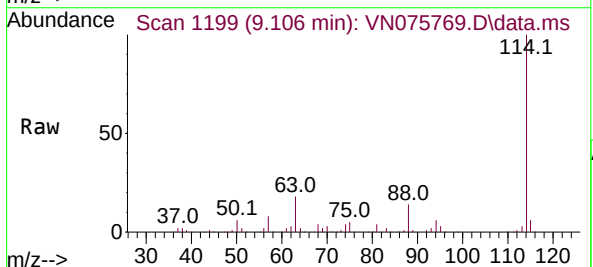
Tgt Ion:114 Resp: 407200

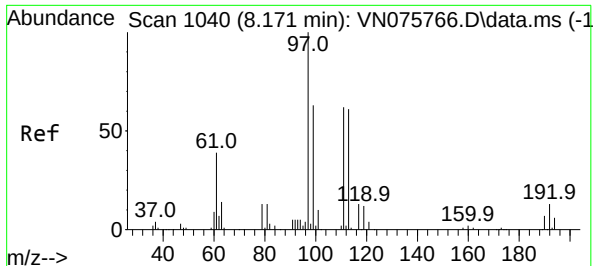
Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.4

88 14.2 0.0 28.8





#35

Dibromofluoromethane

Concen: 51.079 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075769.D

Acq: 14 Dec 2022 14:39

Instrument :

MSVOA_N

ClientSampleId :

ICVNVN121422

Tgt Ion:113 Resp: 128808

Ion Ratio Lower Upper

113 100

111 104.0 83.4 125.2

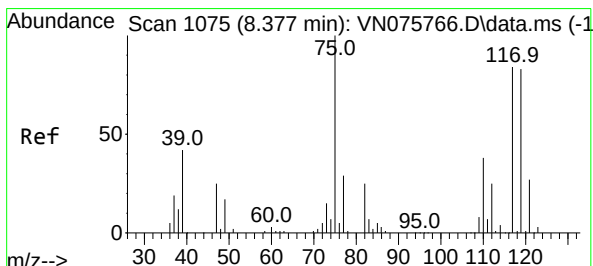
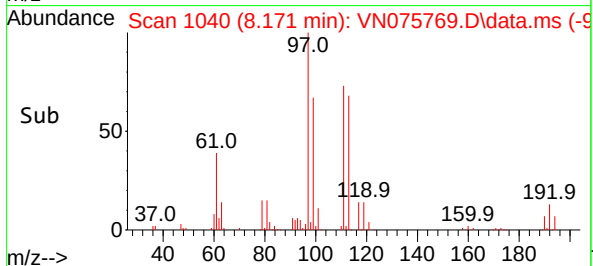
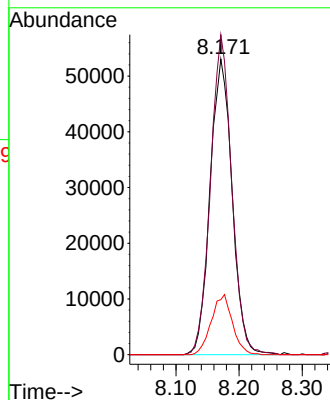
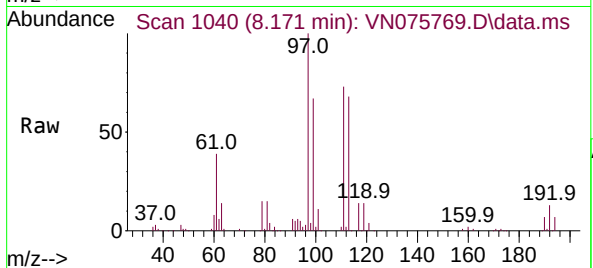
192 19.5 16.1 24.1

Manual Integrations

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Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#36

1,1-Dichloropropene

Concen: 47.869 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN075769.D

Acq: 14 Dec 2022 14:39

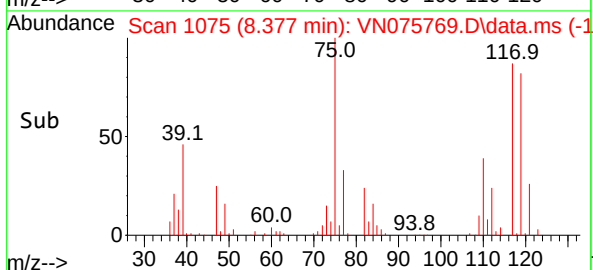
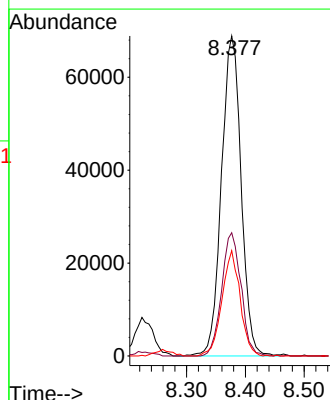
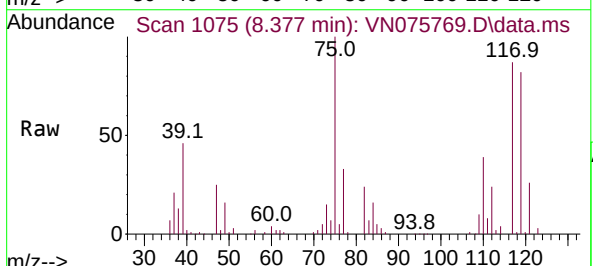
Tgt Ion: 75 Resp: 160356

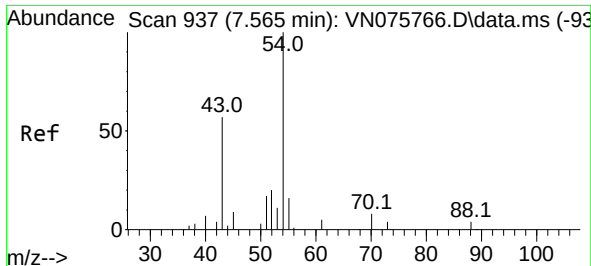
Ion Ratio Lower Upper

75 100

110 37.9 18.8 56.4

77 30.5 24.1 36.1





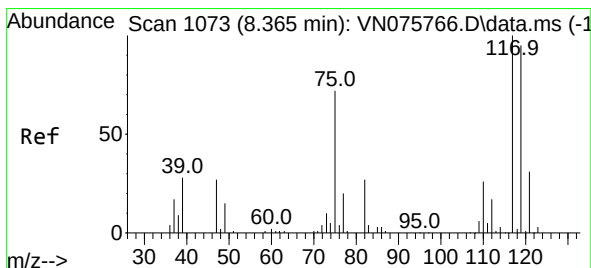
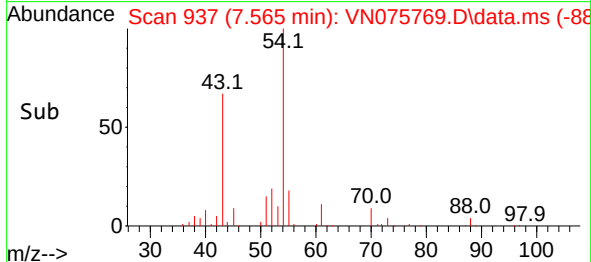
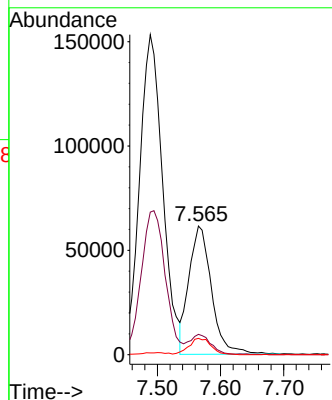
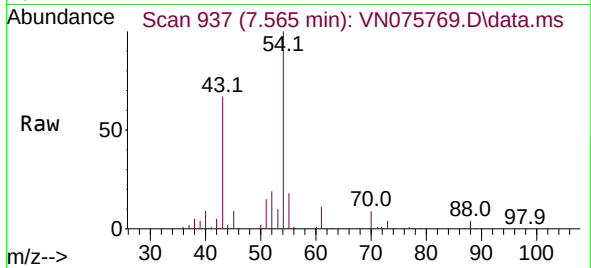
#37
Ethyl Acetate
Concen: 56.707 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121422

Tgt Ion: 43 Resp: 152584
Ion Ratio Lower Upper
43 100
61 14.3 13.0 19.4
70 12.5 9.4 14.0

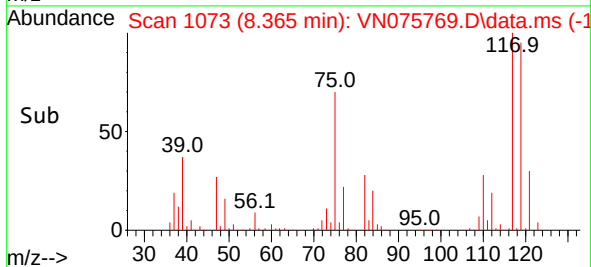
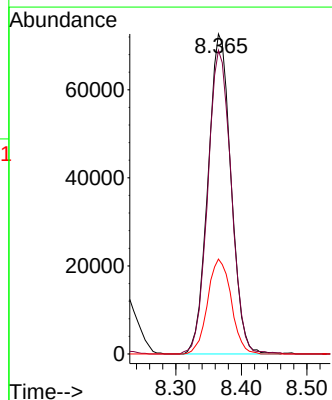
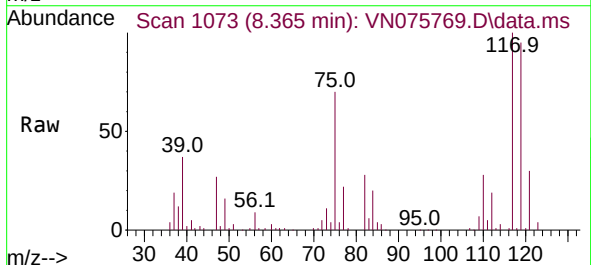
Manual Integrations
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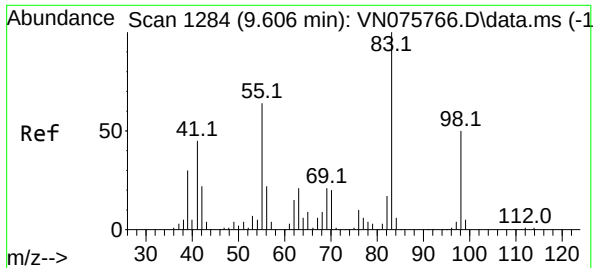
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#38
Carbon Tetrachloride
Concen: 47.321 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

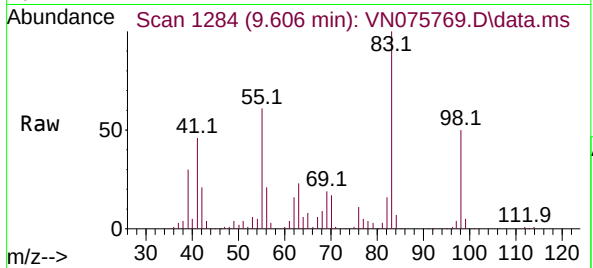
Tgt Ion:117 Resp: 177417
Ion Ratio Lower Upper
117 100
119 94.9 76.1 114.1
121 29.6 24.5 36.7





#39
Methylcyclohexane
Concen: 51.309 ug/l
RT: 9.606 min Scan# 11284
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

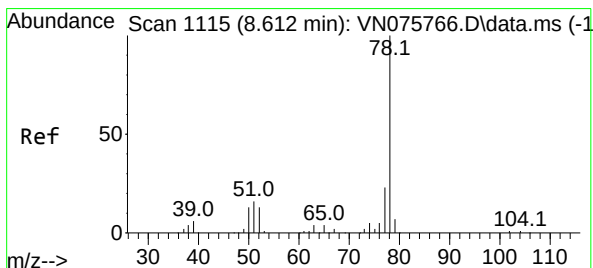
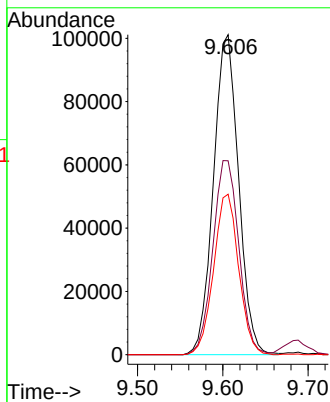
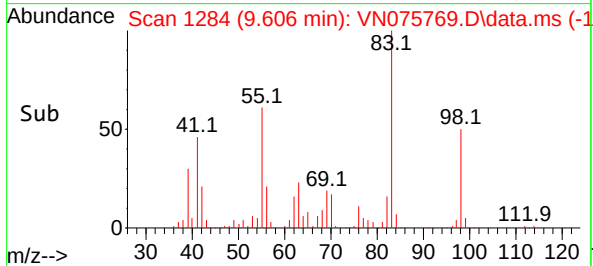
Instrument :
MSVOA_N
ClientSampleId :
ICNVN121422



Tgt Ion: 83 Resp: 207359
Ion Ratio Lower Upper
83 100
55 60.6 51.4 77.0
98 50.2 39.8 59.8

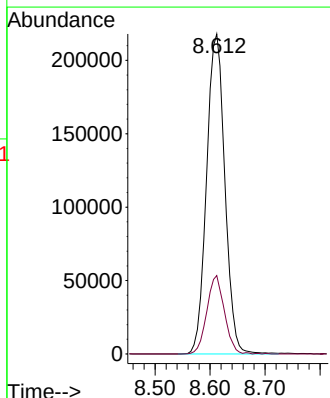
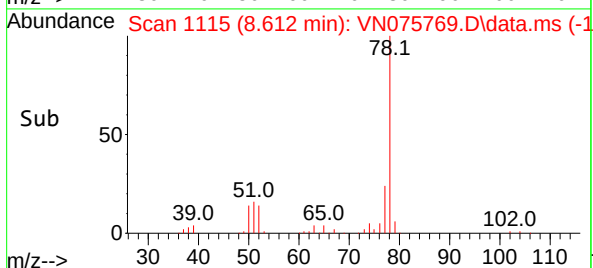
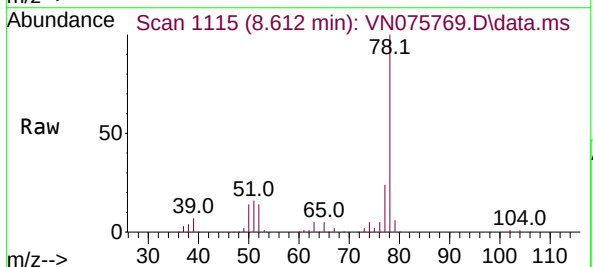
Manual Integrations
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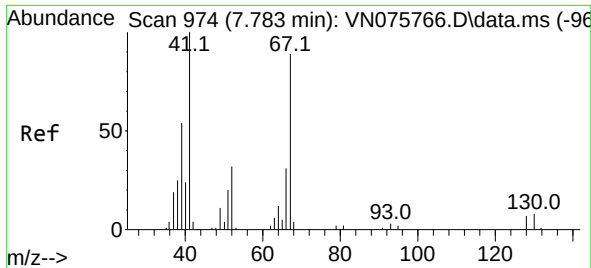
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#40
Benzene
Concen: 48.776 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

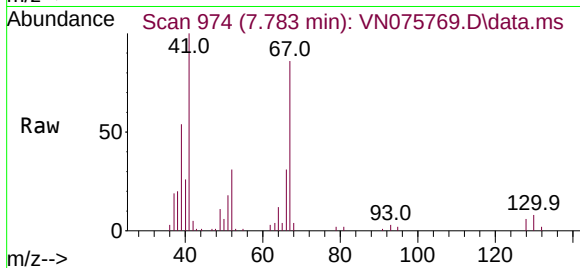
Tgt Ion: 78 Resp: 504127
Ion Ratio Lower Upper
78 100
77 24.5 18.5 27.7





#41
Methacrylonitrile
Concen: 58.637 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

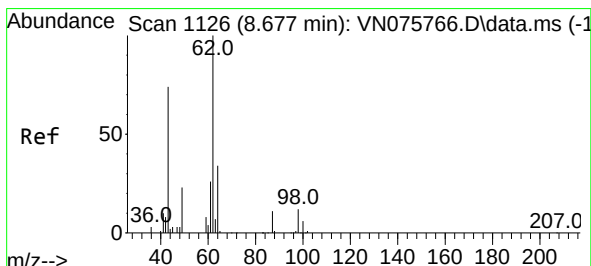
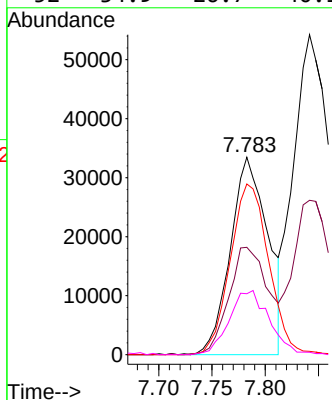
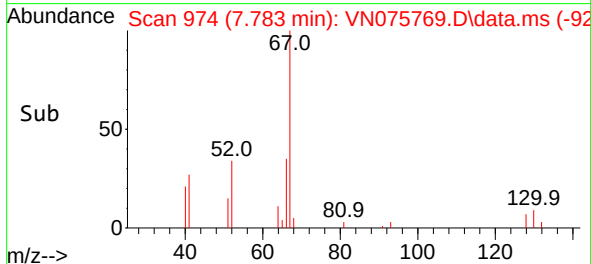
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121422



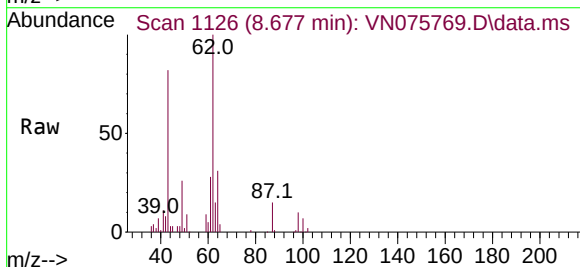
Tgt Ion: 41 Resp: 8201
Ion Ratio Lower Upper
41 100
39 57.0 43.1 64.7
67 89.2 70.7 106.1
52 34.9 26.7 40.1

Manual Integrations
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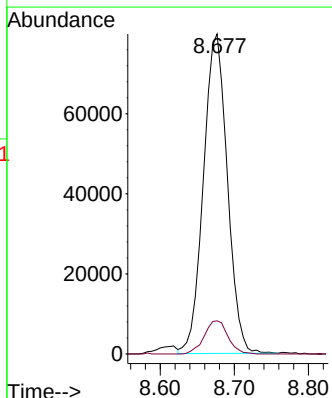
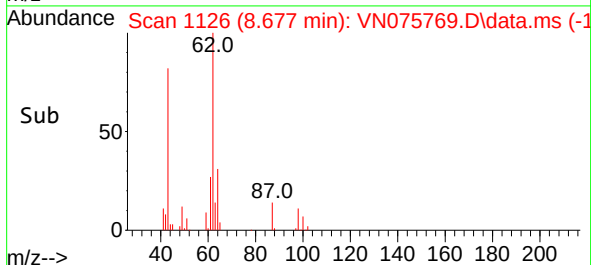
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

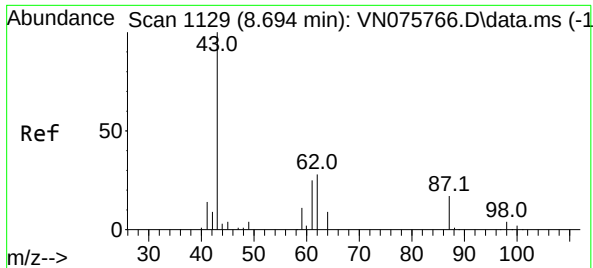


#42
1,2-Dichloroethane
Concen: 52.073 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39



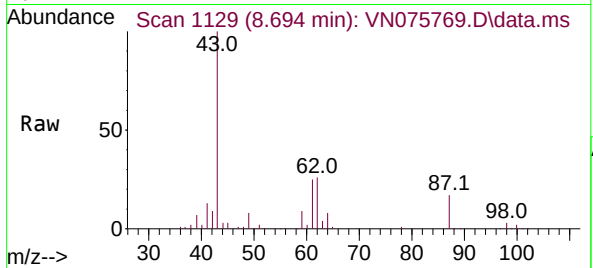
Tgt Ion: 62 Resp: 178929
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.8





#43
Isopropyl Acetate
Concen: 59.020 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

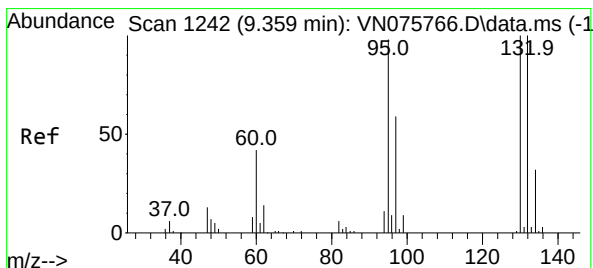
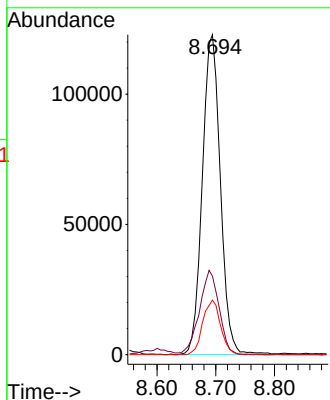
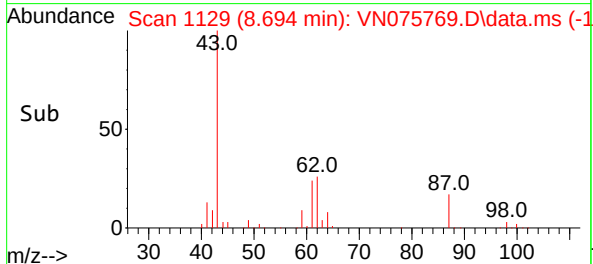
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121422



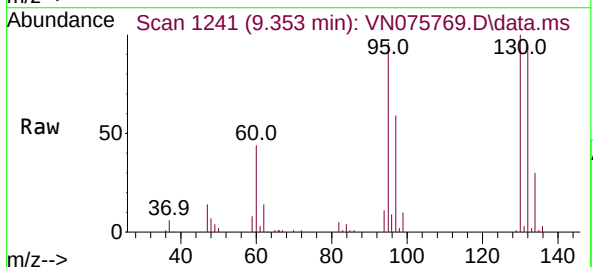
Tgt Ion: 43 Resp: 26196
Ion Ratio Lower Upper
43 100
61 28.7 24.2 36.4
87 16.8 13.3 19.9

Manual Integrations
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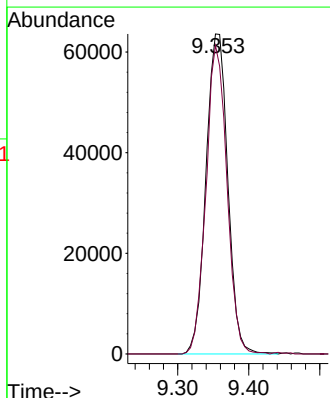
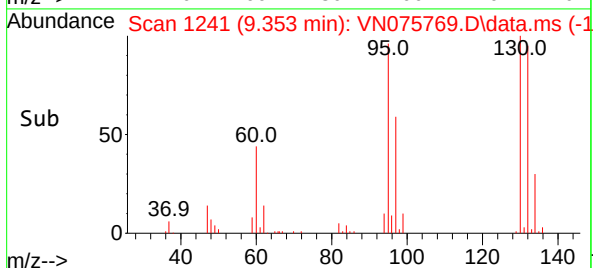
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

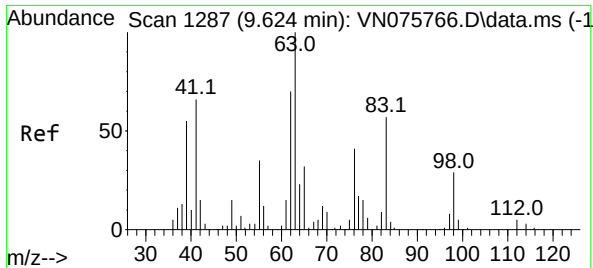


#44
Trichloroethene
Concen: 46.538 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39



Tgt Ion:130 Resp: 135504
Ion Ratio Lower Upper
130 100
95 96.4 0.0 195.4





#45

1,2-Dichloropropane

Concen: 49.544 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075769.D

Acq: 14 Dec 2022 14:39

Instrument :

MSVOA_N

ClientSampleId :

ICNVN121422

Tgt Ion: 63 Resp: 124608

Ion Ratio Lower Upper

63 100

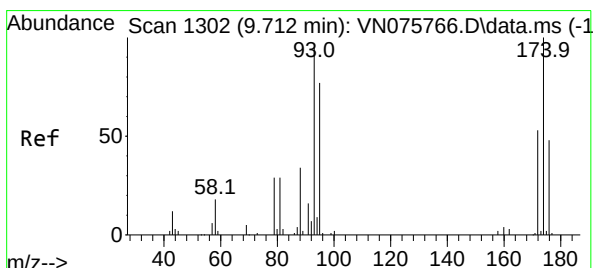
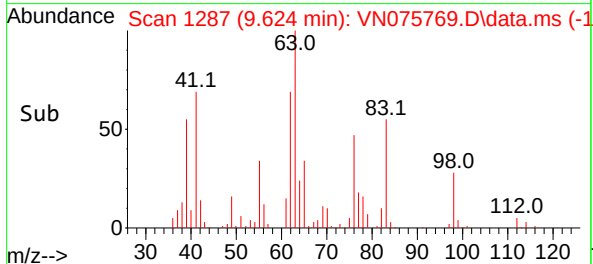
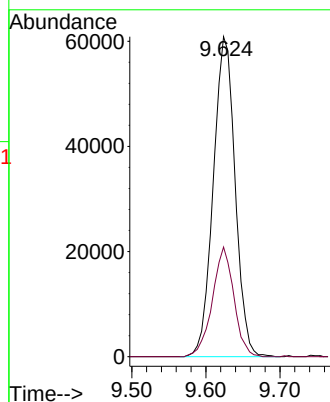
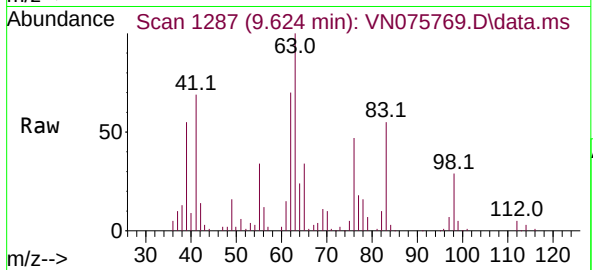
65 34.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#46

Dibromomethane

Concen: 51.619 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075769.D

Acq: 14 Dec 2022 14:39

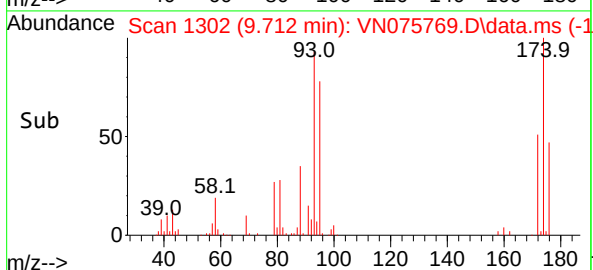
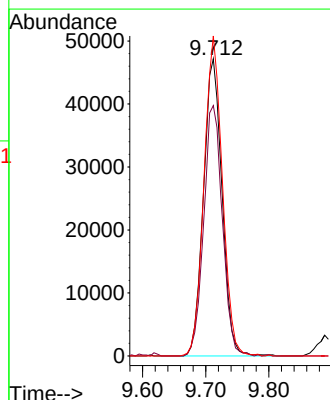
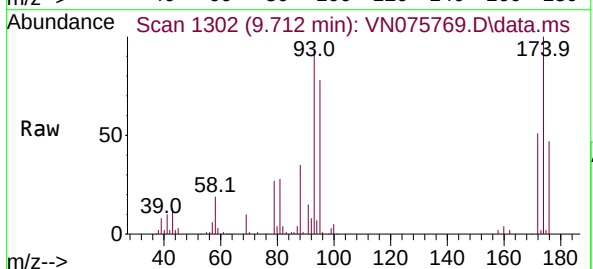
Tgt Ion: 93 Resp: 96292

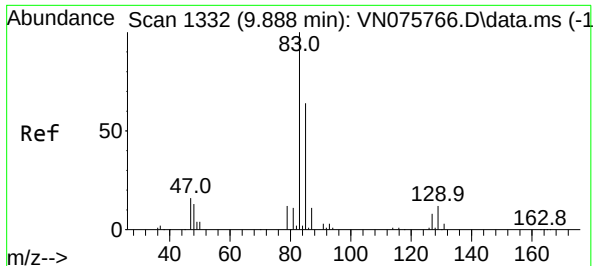
Ion Ratio Lower Upper

93 100

95 84.8 65.2 97.8

174 106.5 82.4 123.6





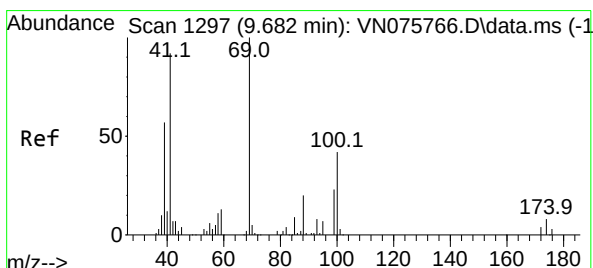
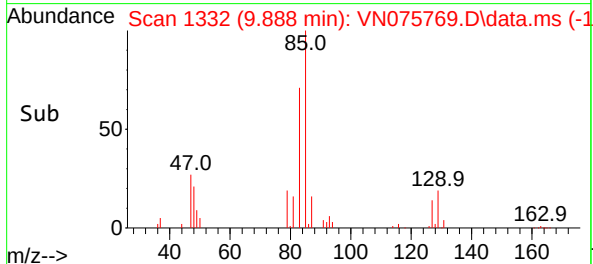
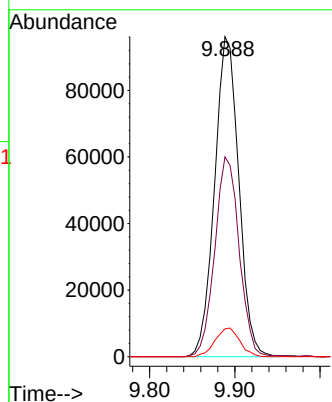
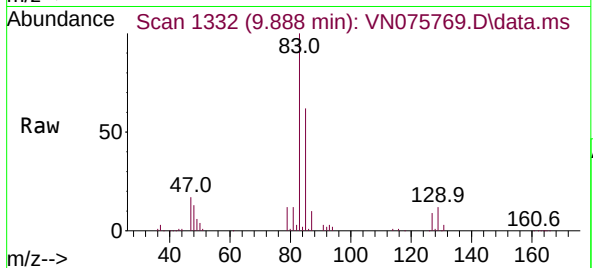
#47
Bromodichloromethane
Concen: 51.828 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121422

Tgt Ion: 83 Resp: 189597
Ion Ratio Lower Upper
83 100
85 62.5 51.5 77.3
127 8.7 6.6 10.0

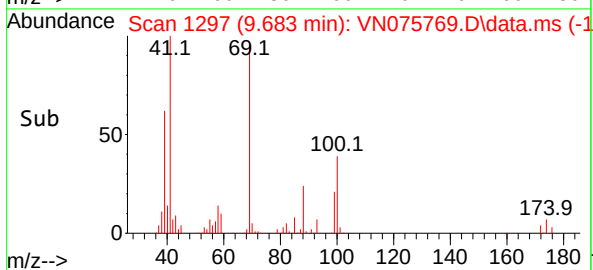
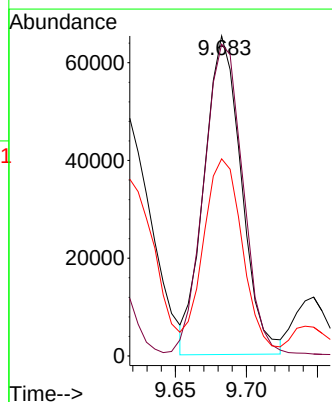
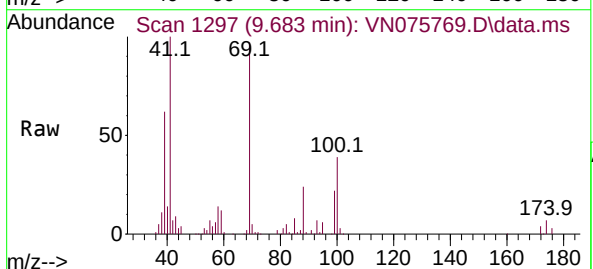
Manual Integrations
APPROVED

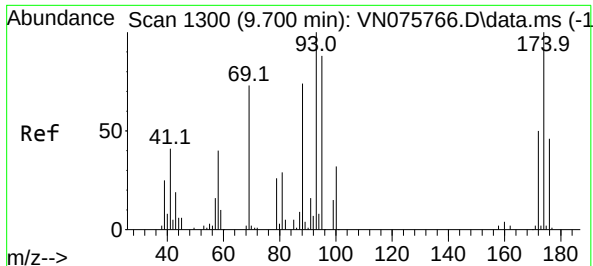
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#48
Methyl methacrylate
Concen: 59.510 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

Tgt Ion: 41 Resp: 118967
Ion Ratio Lower Upper
41 100
69 104.2 81.9 122.9
39 66.2 51.6 77.4





#49

1,4-Dioxane

Concen: 1293.853 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075769.D

Acq: 14 Dec 2022 14:39

Instrument :

MSVOA_N

ClientSampleId :

ICVVN121422

Tgt Ion: 88 Resp: 63589

Ion Ratio Lower Upper

88 100

43 21.6 17.1 25.7

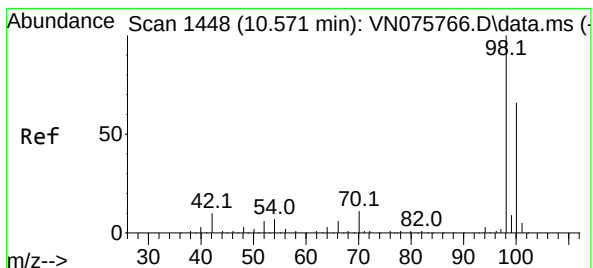
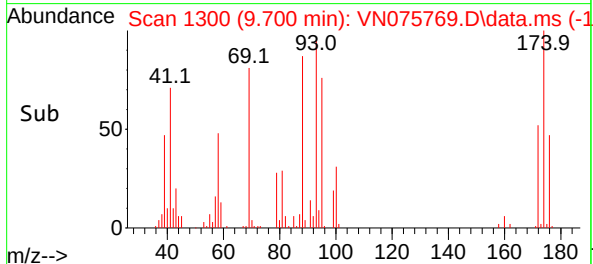
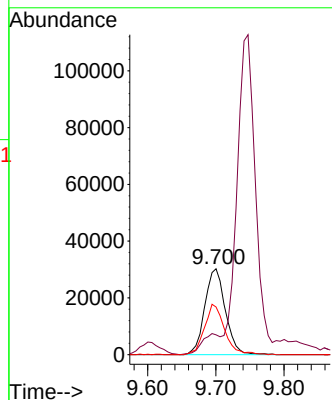
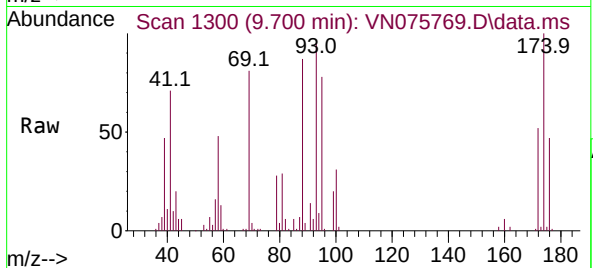
58 57.5 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#50

Toluene-d8

Concen: 49.628 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075769.D

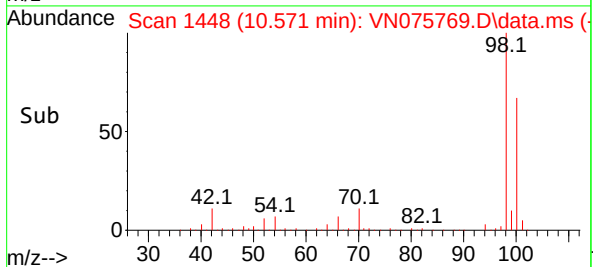
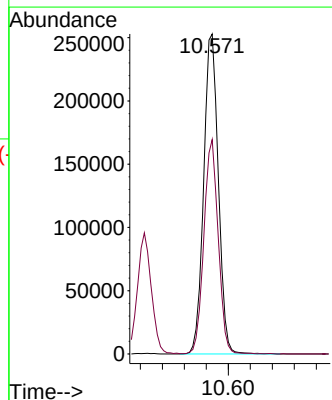
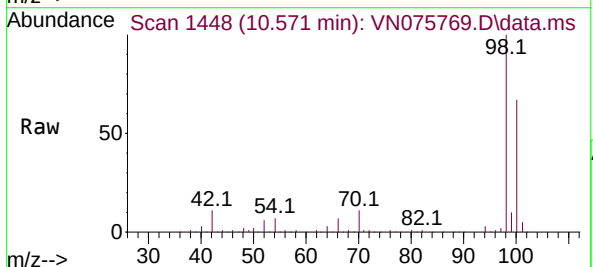
Acq: 14 Dec 2022 14:39

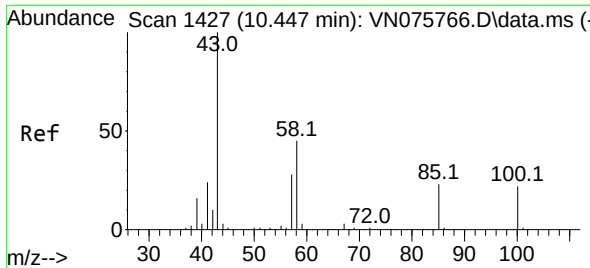
Tgt Ion: 98 Resp: 467912

Ion Ratio Lower Upper

98 100

100 65.4 52.1 78.1





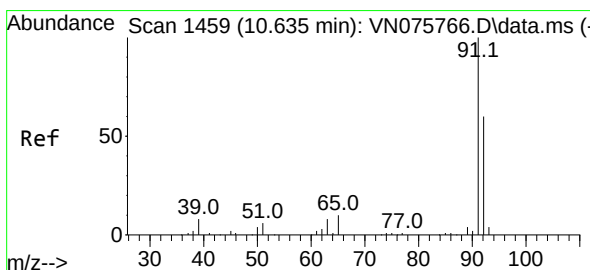
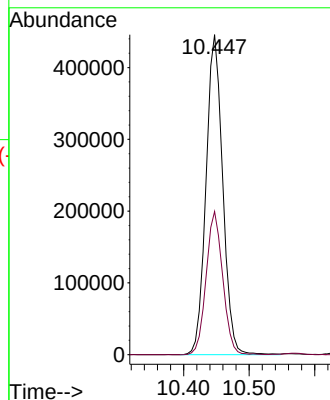
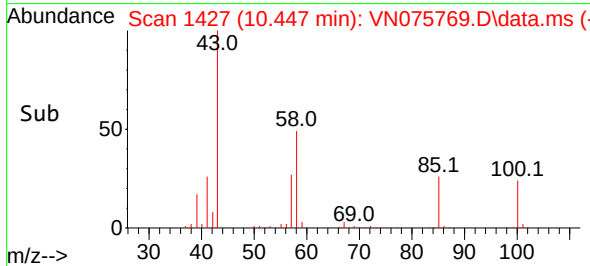
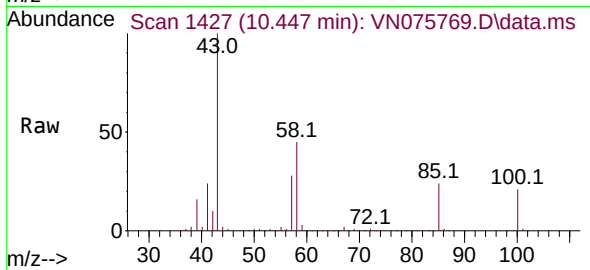
#51
4-Methyl-2-Pentanone
Concen: 294.477 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

Instrument :
MSVOA_N
ClientSampleId :
ICVNVN121422

Tgt Ion: 43 Resp: 790462
Ion Ratio Lower Upper
43 100
58 44.4 35.5 53.3

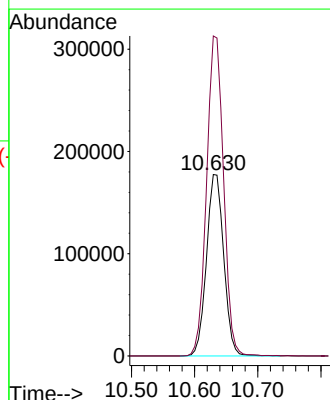
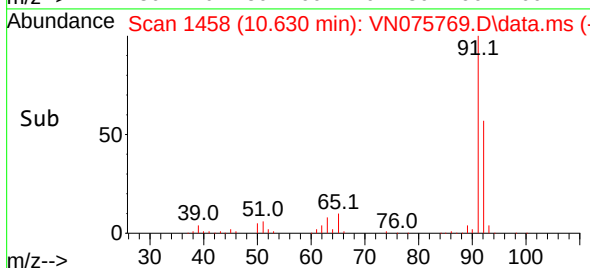
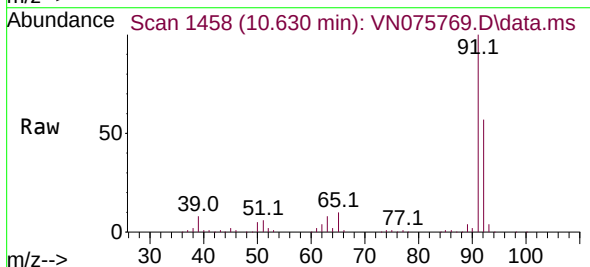
Manual Integrations
APPROVED

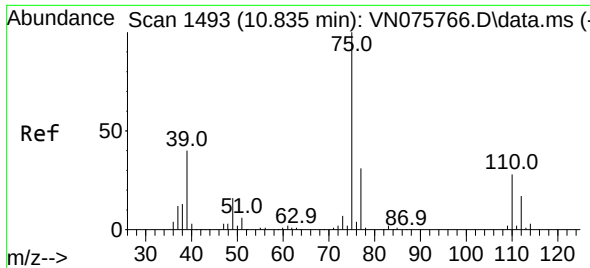
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#52
Toluene
Concen: 49.916 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

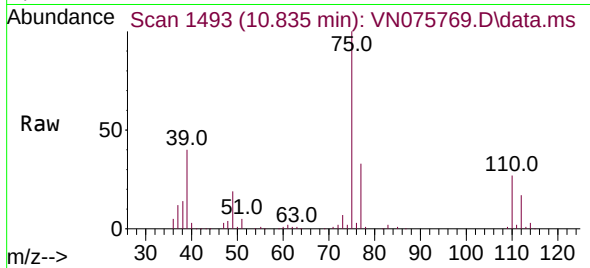
Tgt Ion: 92 Resp: 335995
Ion Ratio Lower Upper
92 100
91 173.9 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 56.702 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

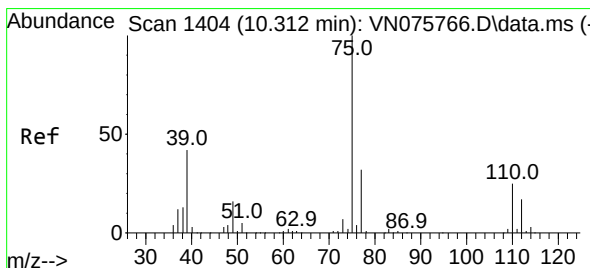
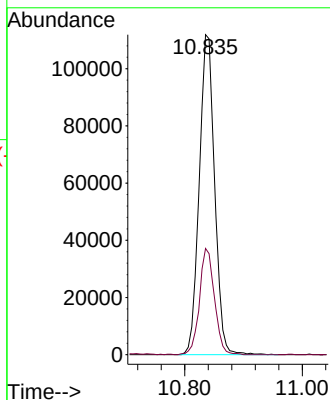
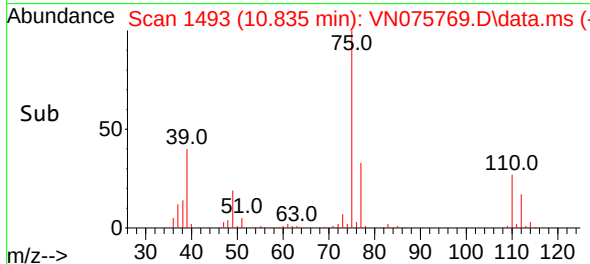
Instrument :
MSVOA_N
ClientSampleId :
ICVNVN121422



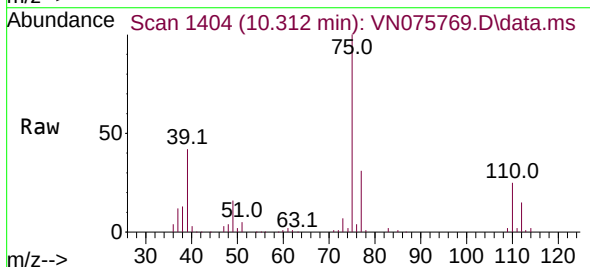
Tgt Ion: 75 Resp: 203048
Ion Ratio Lower Upper
75 100
77 33.2 24.9 37.3

Manual Integrations
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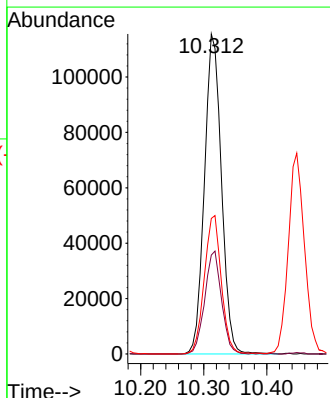
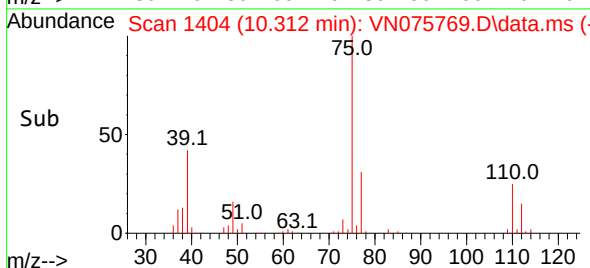
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

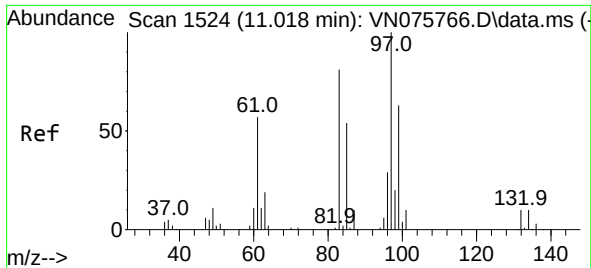


#54
cis-1,3-Dichloropropene
Concen: 55.028 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39



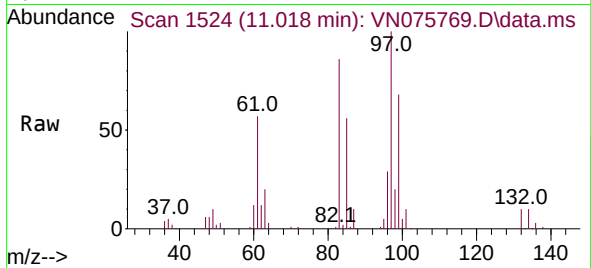
Tgt Ion: 75 Resp: 216354
Ion Ratio Lower Upper
75 100
77 30.9 25.8 38.8
39 42.3 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 52.568 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121422

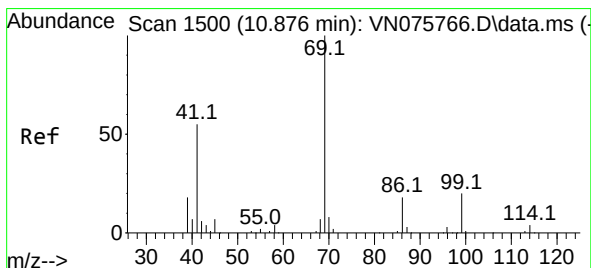
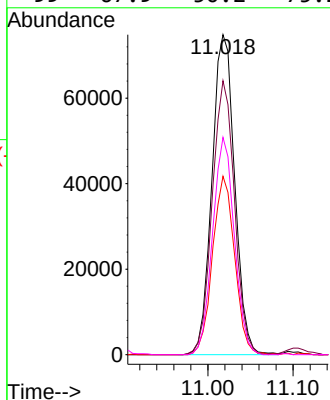
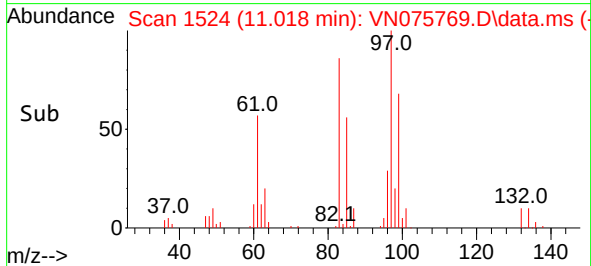


Tgt Ion: 97 Resp: 13888

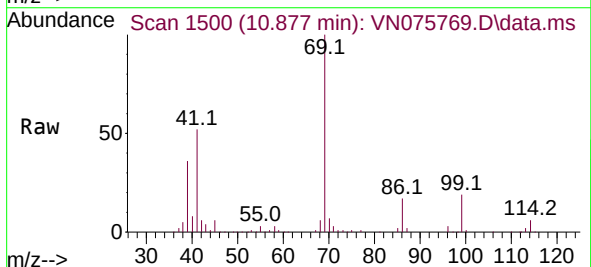
Ion	Ratio	Lower	Upper
97	100		
83	85.6	65.0	97.4
85	55.8	43.0	64.6
99	67.9	50.2	75.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

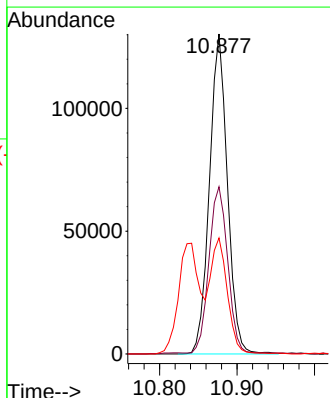
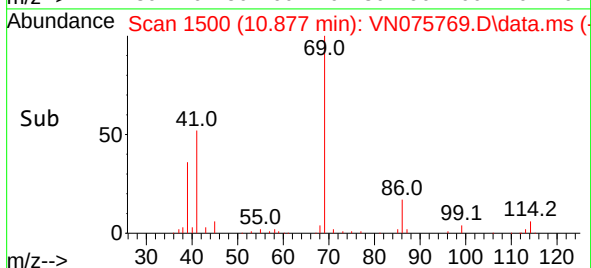


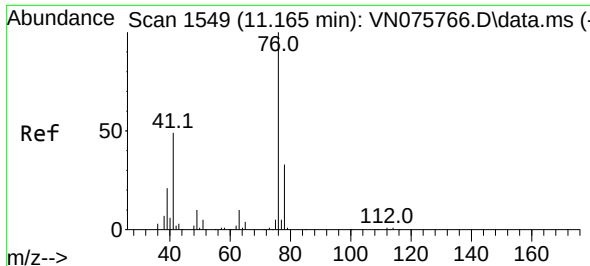
#56
Ethyl methacrylate
Concen: 59.758 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39



Tgt Ion: 69 Resp: 209712

Ion	Ratio	Lower	Upper
69	100		
41	53.9	44.2	66.4
39	34.0	26.4	39.6





#57

1,3-Dichloropropane

Concen: 53.512 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. 0.000 min

Lab File: VN075769.D

Acq: 14 Dec 2022 14:39

Instrument :

MSVOA_N

ClientSampleId :

ICNVN121422

Tgt Ion: 76 Resp: 231908

Ion Ratio Lower Upper

76 100

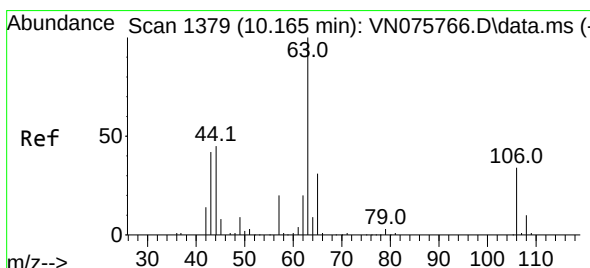
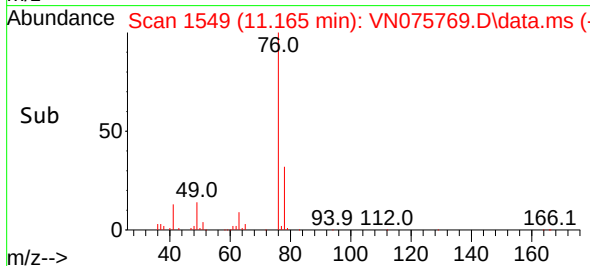
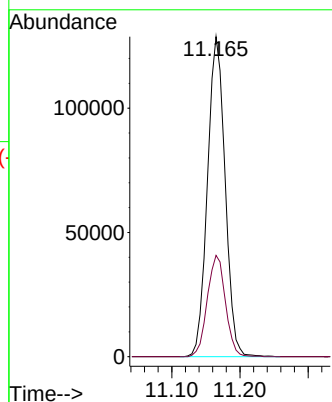
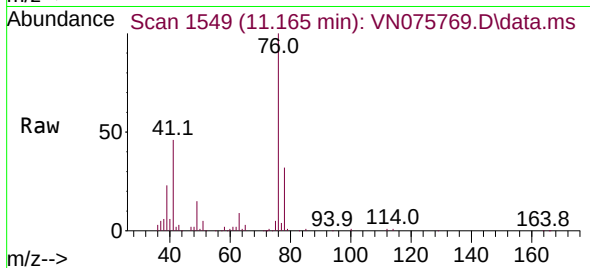
78 32.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 292.497 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN075769.D

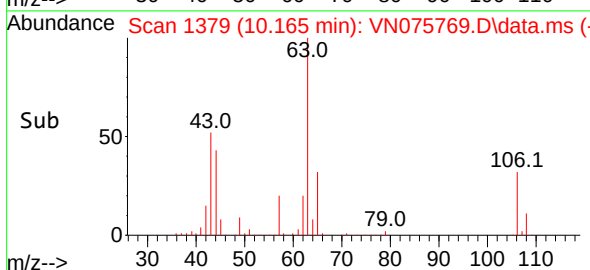
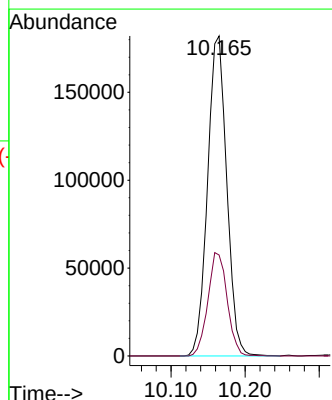
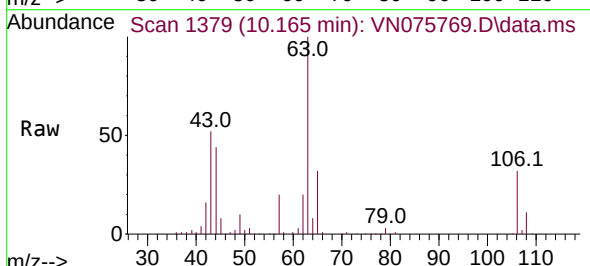
Acq: 14 Dec 2022 14:39

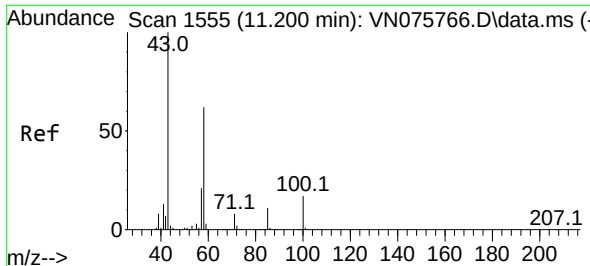
Tgt Ion: 63 Resp: 326811

Ion Ratio Lower Upper

63 100

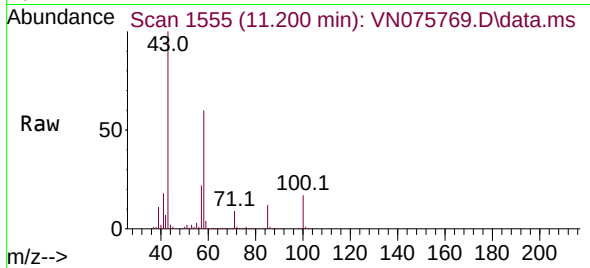
106 32.5 26.4 39.6





#59
2-Hexanone
Concen: 299.728 ug/l m
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

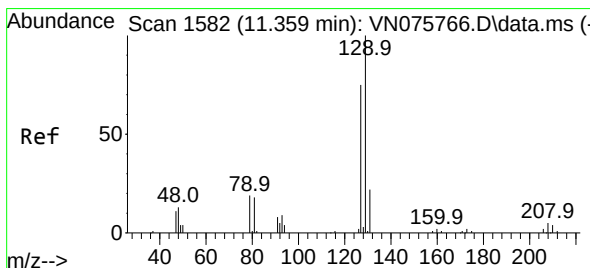
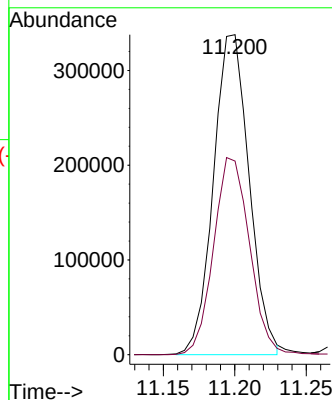
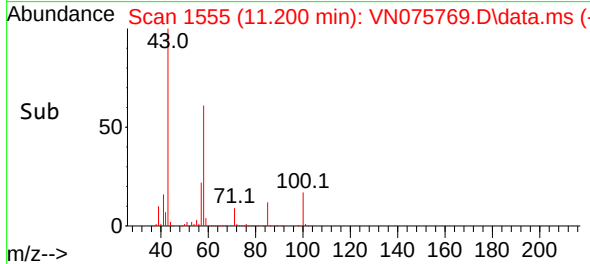
Instrument :
MSVOA_N
ClientSampleId :
ICNVN121422



Tgt Ion: 43 Resp: 58673
Ion Ratio Lower Upper
43 100
58 62.2 30.6 92.0

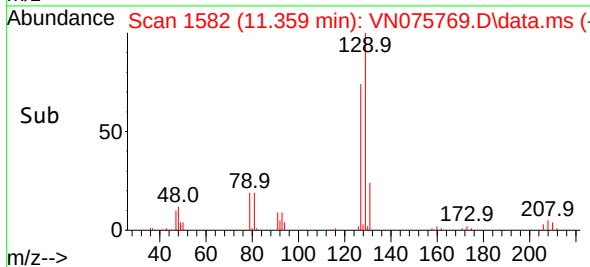
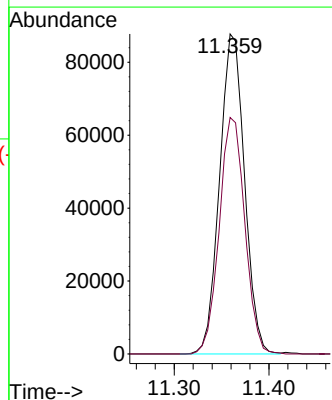
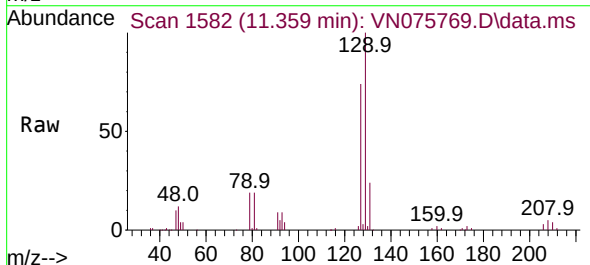
Manual Integrations
APPROVED

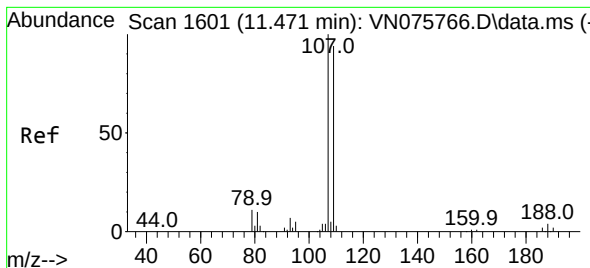
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#60
Dibromochloromethane
Concen: 54.743 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

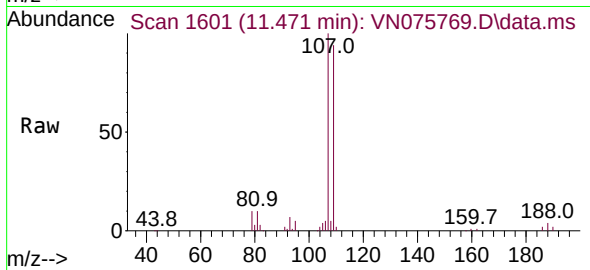
Tgt Ion:129 Resp: 160846
Ion Ratio Lower Upper
129 100
127 75.7 38.3 114.9





#61
1,2-Dibromoethane
Concen: 55.529 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

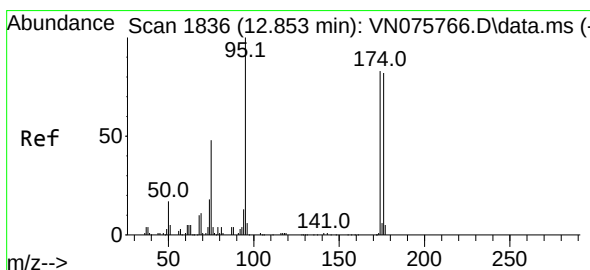
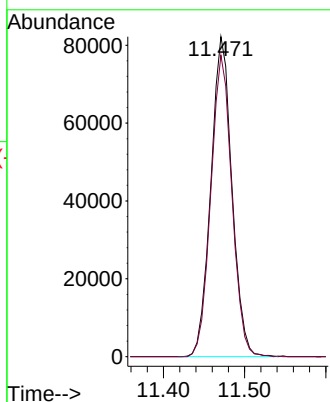
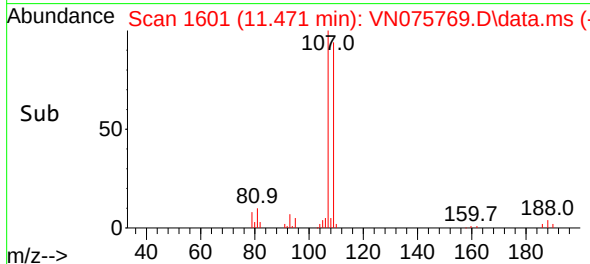
Instrument :
MSVOA_N
ClientSampleId :
ICNVN121422



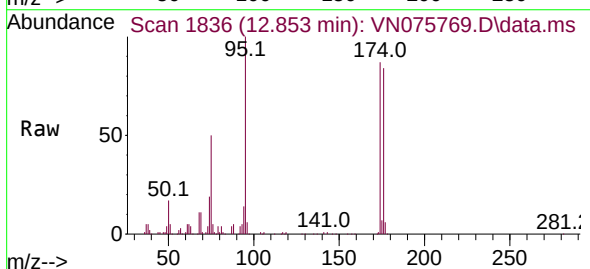
Tgt Ion:107 Resp: 148460
Ion Ratio Lower Upper
107 100
109 93.7 74.8 112.2

Manual Integrations
APPROVED

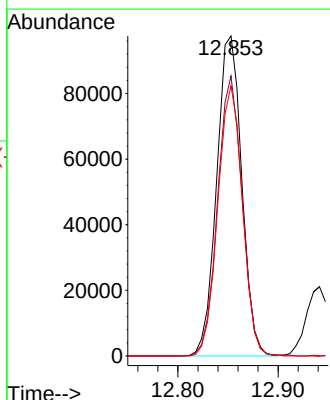
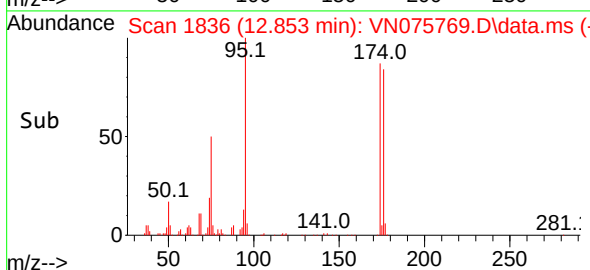
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

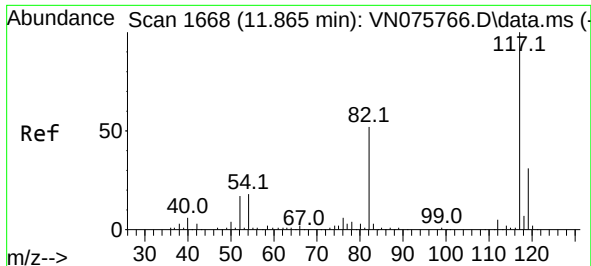


#62
4-Bromofluorobenzene
Concen: 54.214 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39



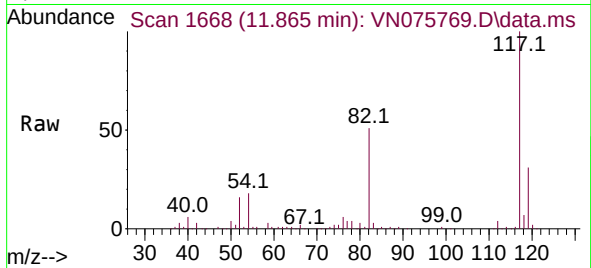
Tgt Ion: 95 Resp: 169300
Ion Ratio Lower Upper
95 100
174 85.5 0.0 171.6
176 82.6 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

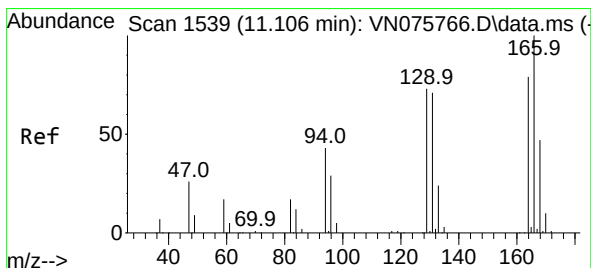
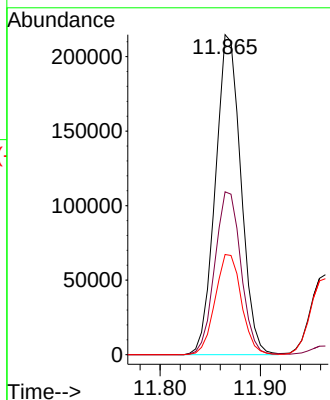
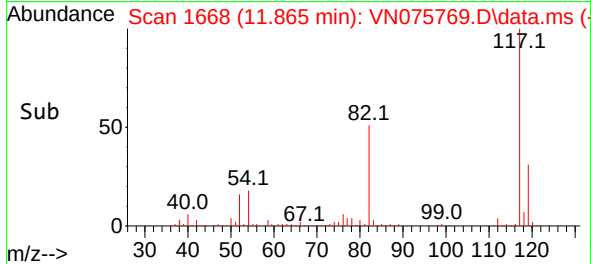
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121422



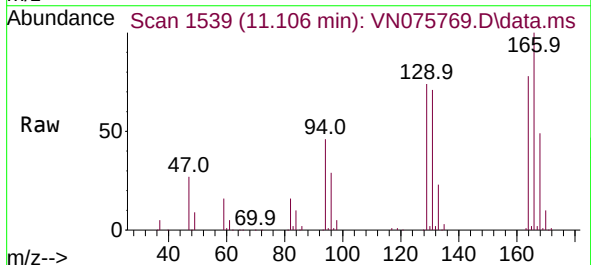
Tgt Ion:117 Resp: 379475
Ion Ratio Lower Upper
117 100
82 50.9 41.3 61.9
119 31.3 24.6 37.0

Manual Integrations
APPROVED

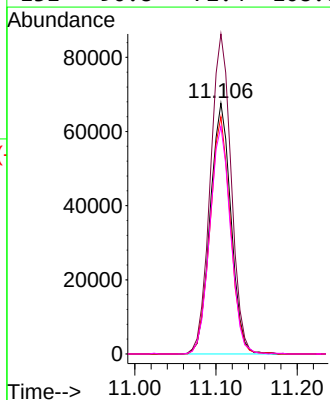
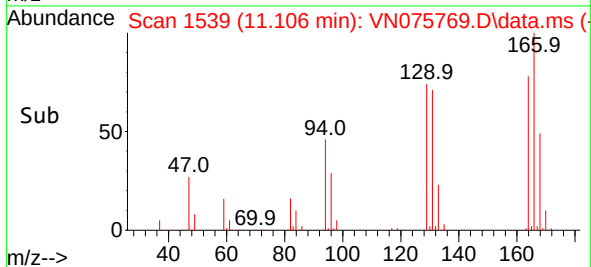
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

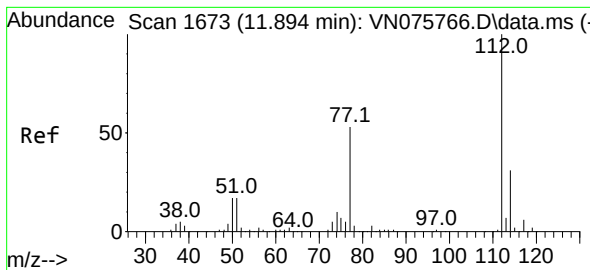


#64
Tetrachloroethene
Concen: 45.000 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39



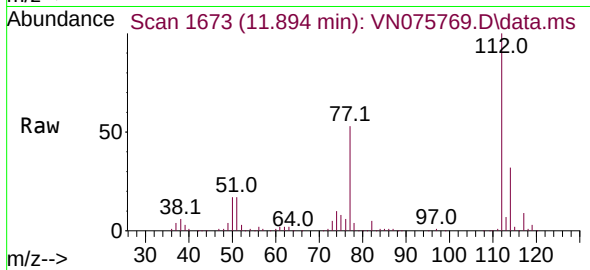
Tgt Ion:164 Resp: 120163
Ion Ratio Lower Upper
164 100
166 127.6 101.9 152.9
129 94.6 74.2 111.2
131 90.8 72.4 108.6





#65
Chlorobenzene
Concen: 47.543 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

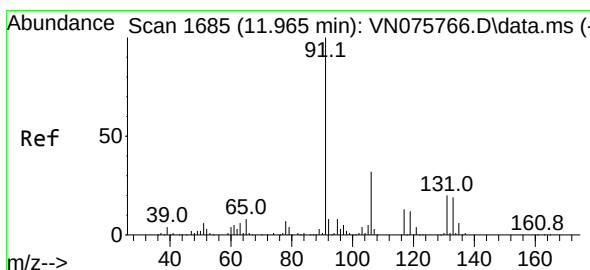
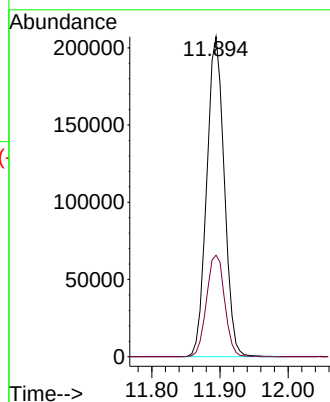
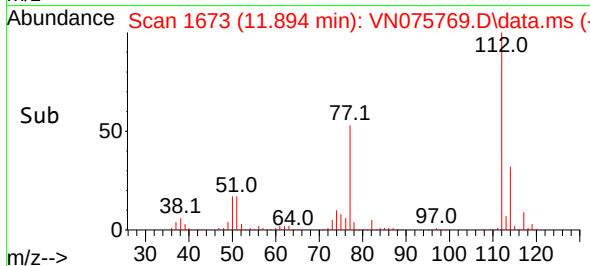
Instrument :
MSVOA_N
ClientSampleId :
ICVNV121422



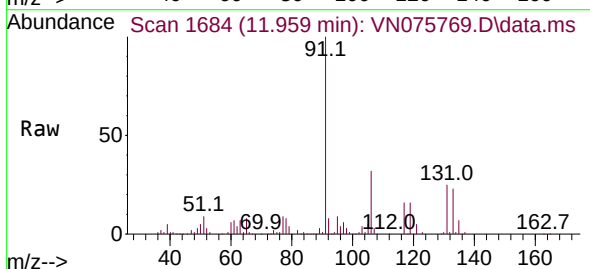
Tgt Ion:112 Resp: 370297
Ion Ratio Lower Upper
112 100
114 31.7 24.7 37.1

Manual Integrations
APPROVED

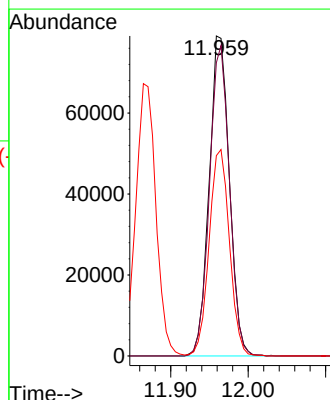
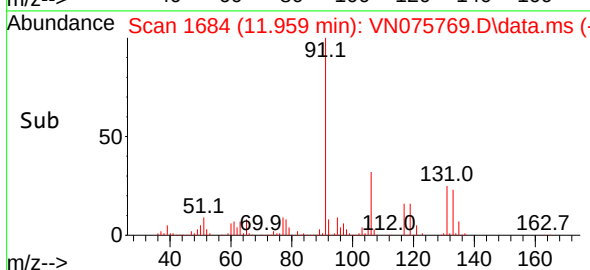
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

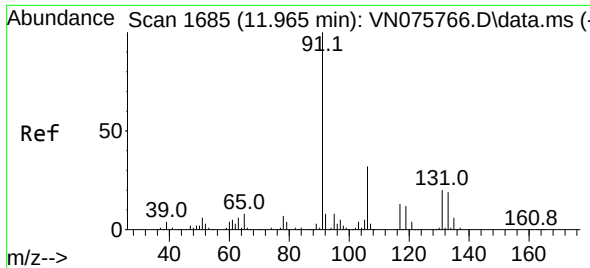


#66
1,1,1,2-Tetrachloroethane
Concen: 49.582 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39



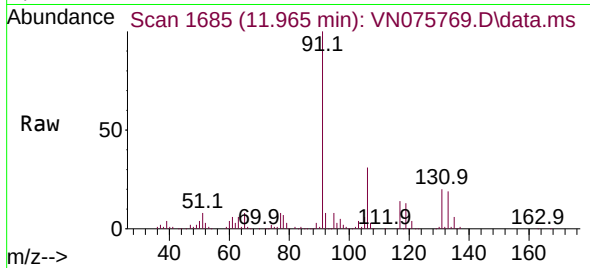
Tgt Ion:131 Resp: 143038
Ion Ratio Lower Upper
131 100
133 96.0 47.5 142.5
119 65.0 31.9 95.7





#67
Ethyl Benzene
Concen: 49.643 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

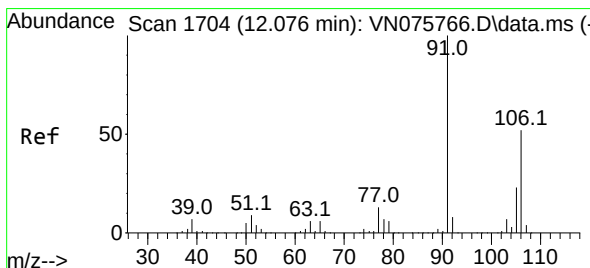
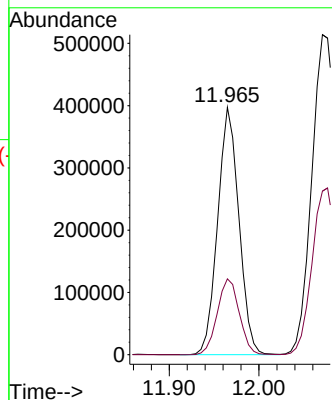
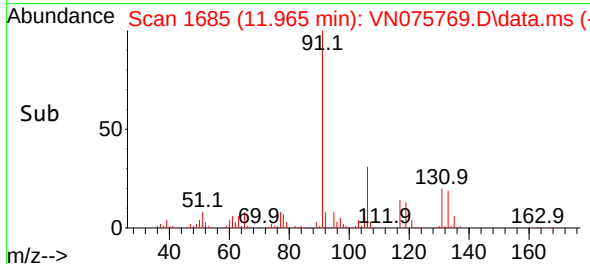
Instrument :
MSVOA_N
ClientSampleId :
ICNVN121422



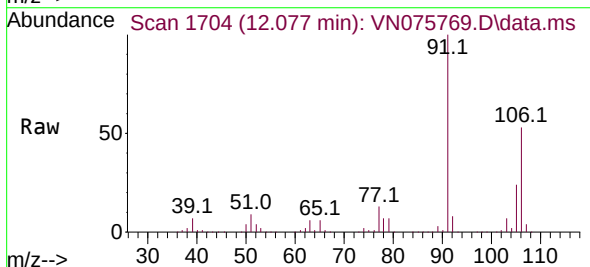
Tgt Ion: 91 Resp: 65256
Ion Ratio Lower Upper
91 100
106 30.6 25.7 38.5

Manual Integrations
APPROVED

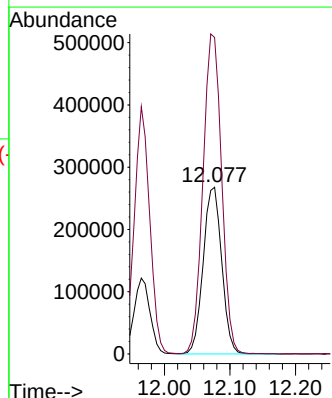
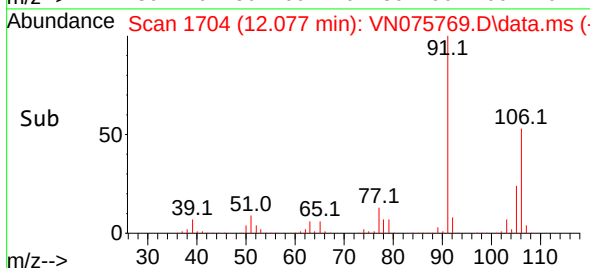
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

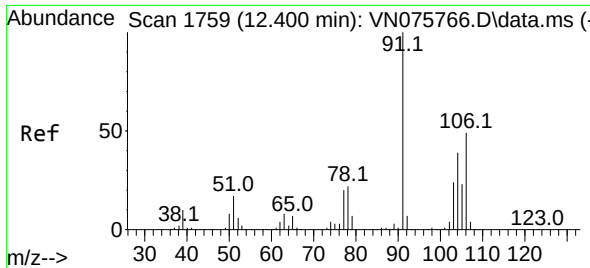


#68
m/p-Xylenes
Concen: 101.189 ug/l
RT: 12.077 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39



Tgt Ion:106 Resp: 526475
Ion Ratio Lower Upper
106 100
91 193.3 156.6 235.0





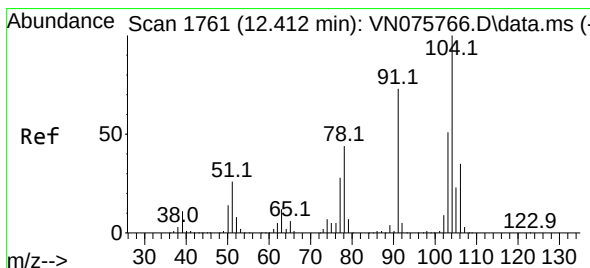
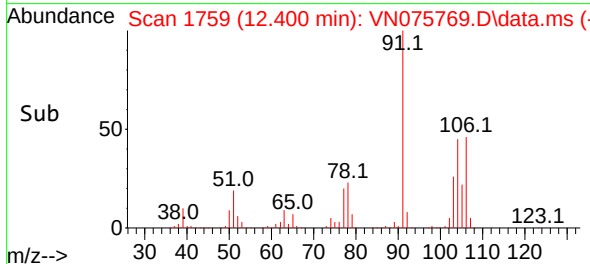
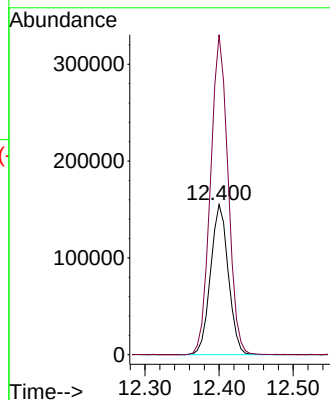
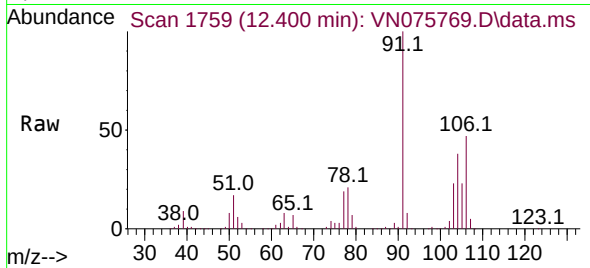
#69
o-Xylene
Concen: 50.165 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

Instrument :
MSVOA_N
ClientSampleId :
ICVNVN121422

Tgt Ion:106 Resp: 258288
Ion Ratio Lower Upper
106 100
91 211.2 103.8 311.6

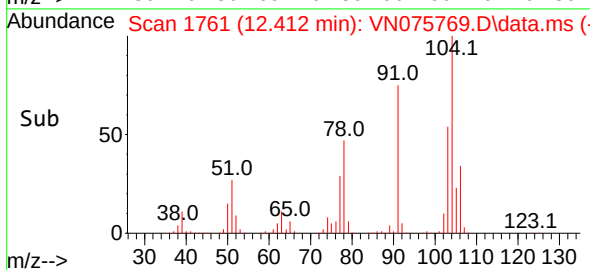
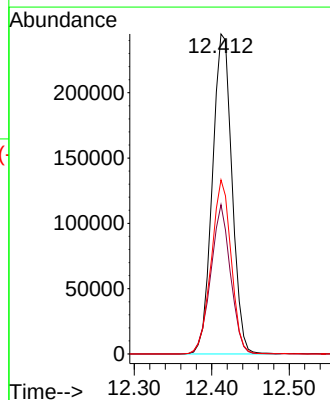
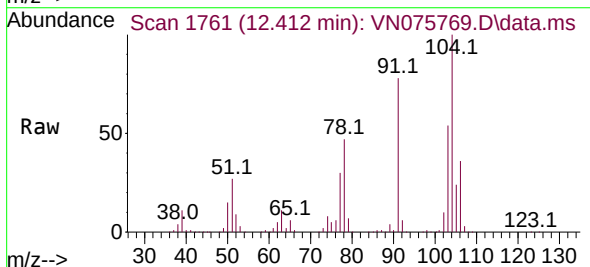
Manual Integrations
APPROVED

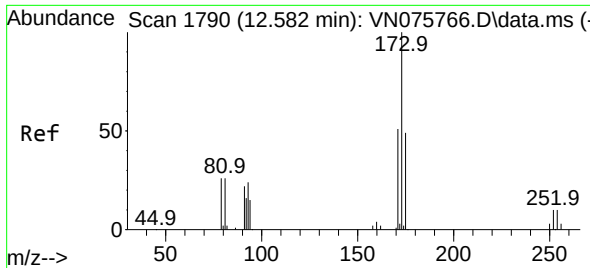
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#70
Styrene
Concen: 52.581 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

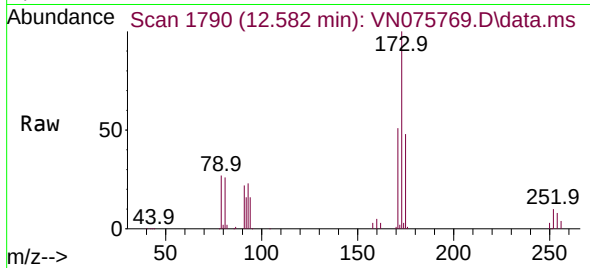
Tgt Ion:104 Resp: 430462
Ion Ratio Lower Upper
104 100
78 46.9 37.5 56.3
103 55.2 43.5 65.3





#71
Bromoform
Concen: 56.622 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

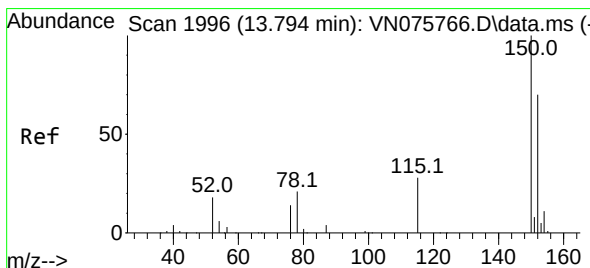
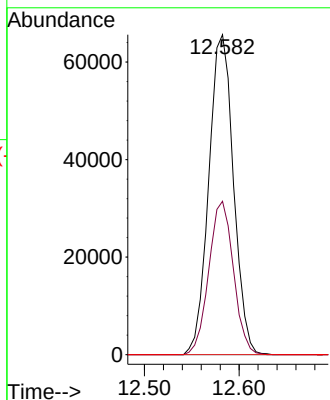
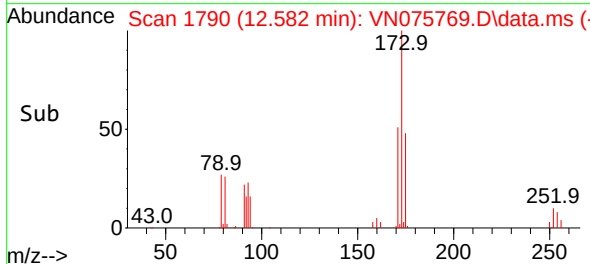
Instrument :
MSVOA_N
ClientSampleId :
ICVNVN121422



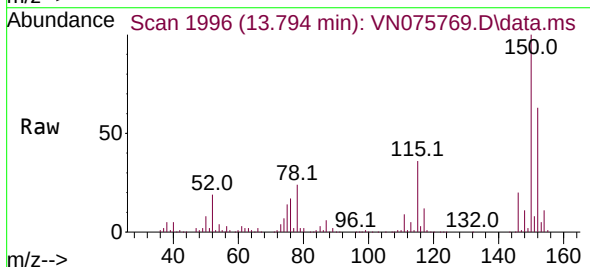
Tgt Ion:173 Resp: 11886
Ion Ratio Lower Upper
173 100
175 47.8 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

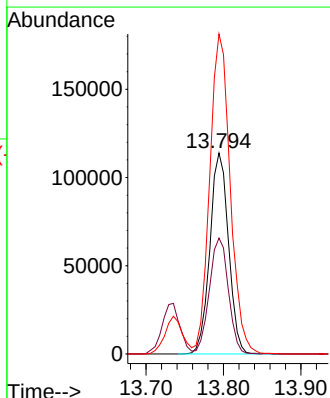
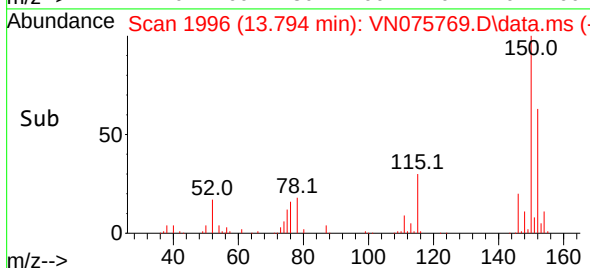
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

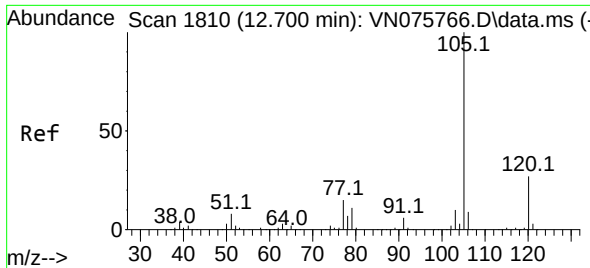


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39



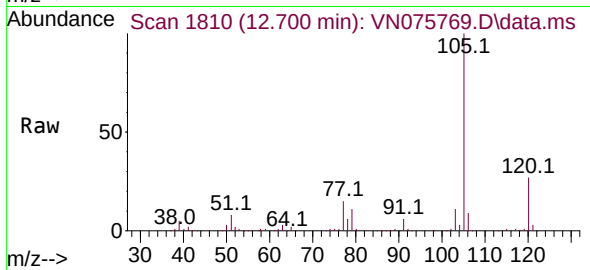
Tgt Ion:152 Resp: 190220
Ion Ratio Lower Upper
152 100
115 58.9 29.1 87.4
150 175.0 0.0 347.0





#73
Isopropylbenzene
Concen: 47.683 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

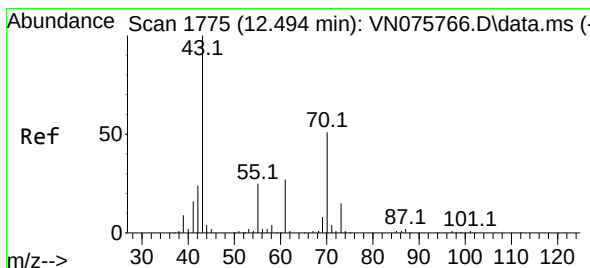
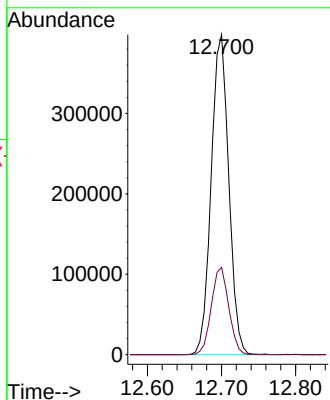
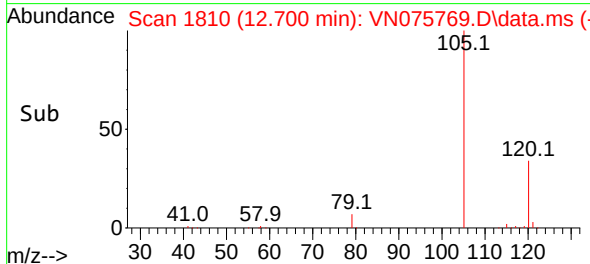
Instrument :
MSVOA_N
ClientSampleId :
ICNVN121422



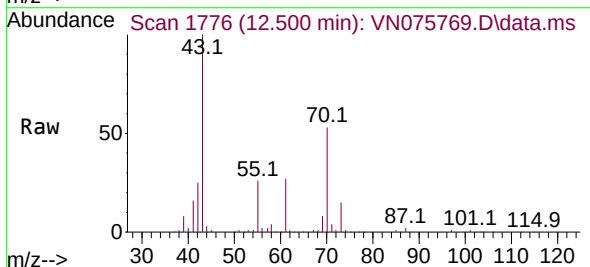
Tgt Ion:105 Resp: 655454
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2

Manual Integrations
APPROVED

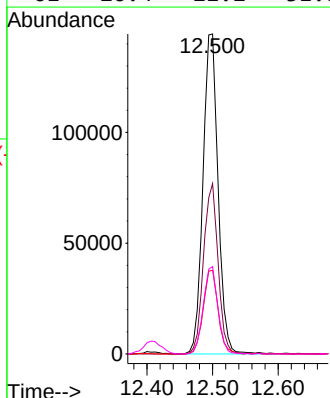
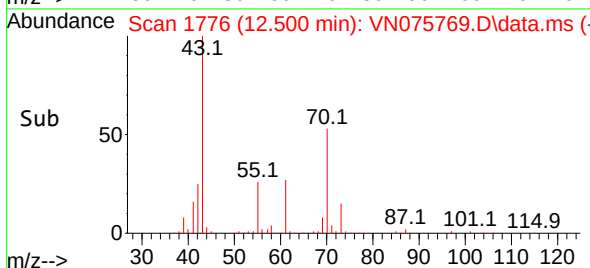
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

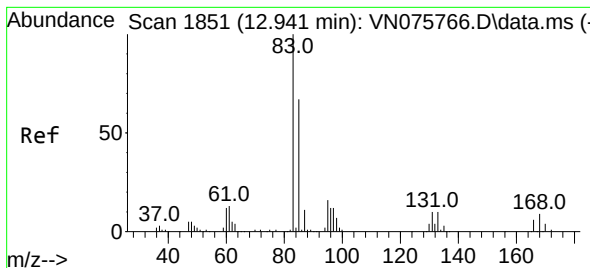


#74
N-ethyl acetate
Concen: 57.592 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39



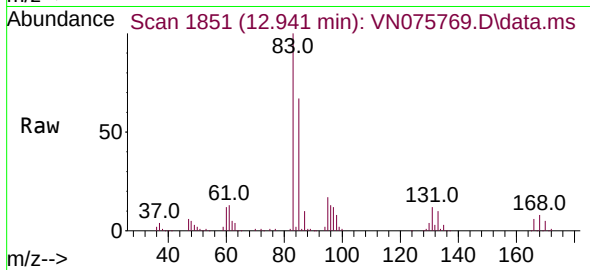
Tgt Ion: 43 Resp: 232250
Ion Ratio Lower Upper
43 100
70 51.2 41.4 62.0
55 25.7 21.3 31.9
61 26.4 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 50.535 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

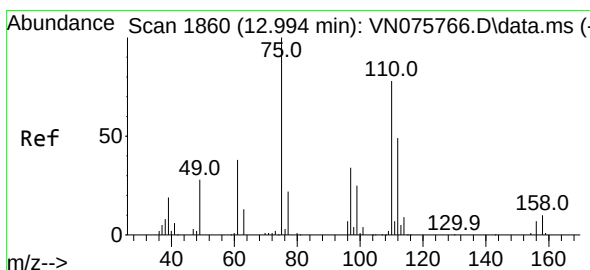
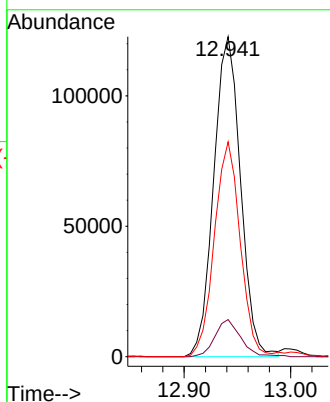
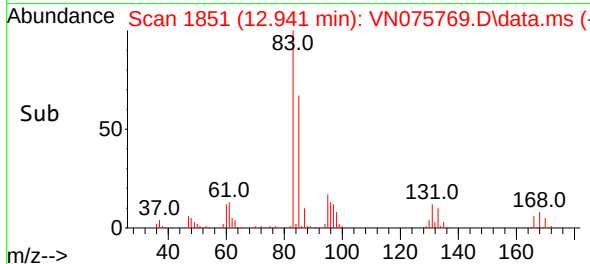
Instrument :
MSVOA_N
ClientSampleId :
ICNVN121422



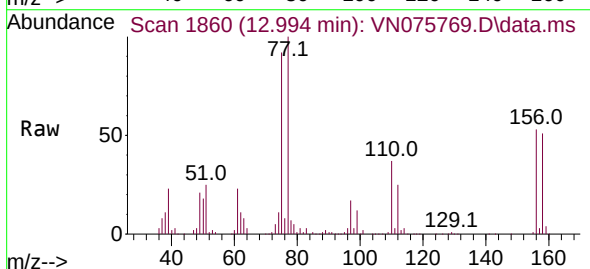
Tgt Ion: 83 Resp: 21474
Ion Ratio Lower Upper
83 100
131 11.2 5.6 16.8
85 64.4 32.6 98.0

Manual Integrations
APPROVED

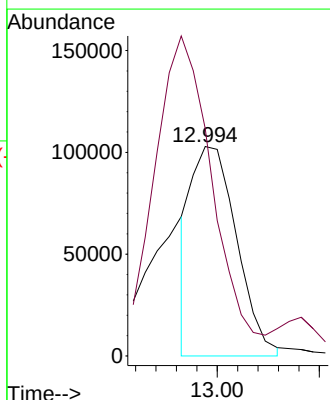
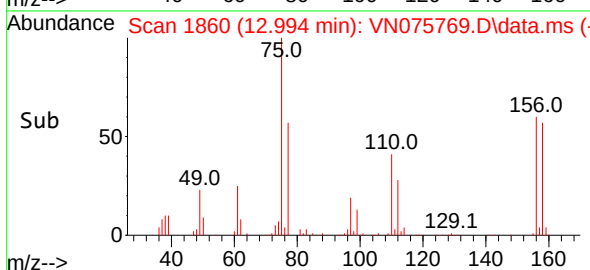
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

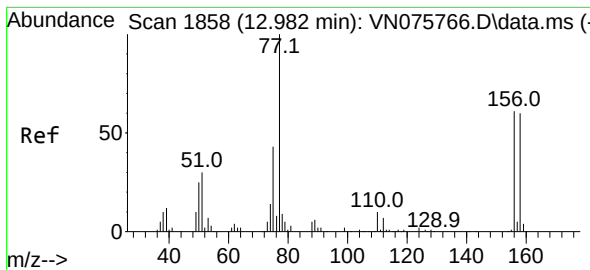


#76
1,2,3-Trichloropropane
Concen: 41.412 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39



Tgt Ion: 75 Resp: 158789
Ion Ratio Lower Upper
75 100
77 199.2 82.6 247.8





#77

Bromobenzene

Concen: 48.777 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN075769.D

Acq: 14 Dec 2022 14:39

Instrument :

MSVOA_N

ClientSampleId :

ICNVN121422

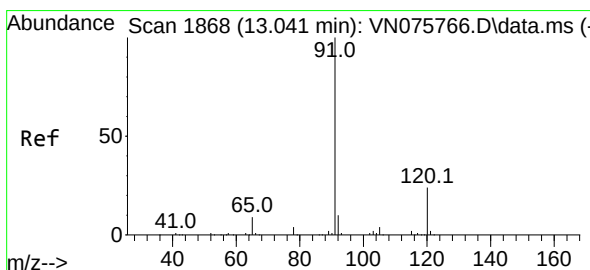
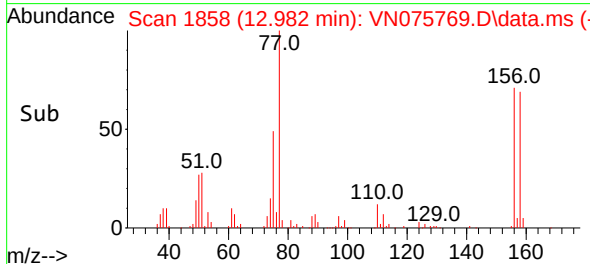
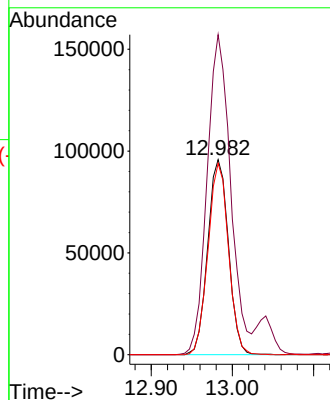
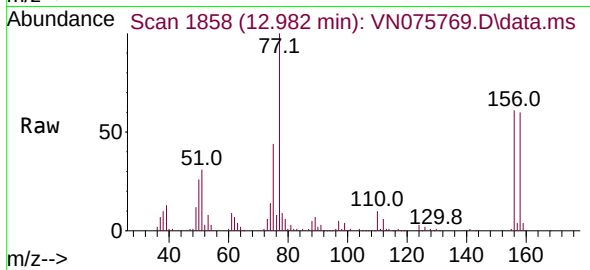
Tgt Ion:	156	Resp:	16968
Ion Ratio	Lower	Upper	
156	100		
77	186.4	93.8	281.3
158	97.0	48.9	146.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#78

n-propylbenzene

Concen: 49.784 ug/l

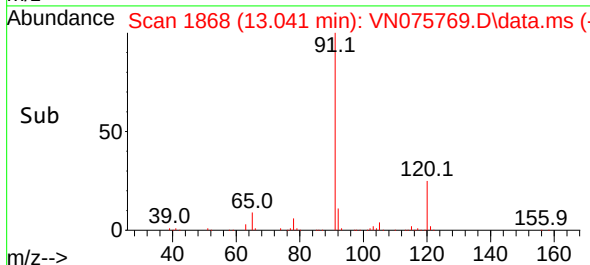
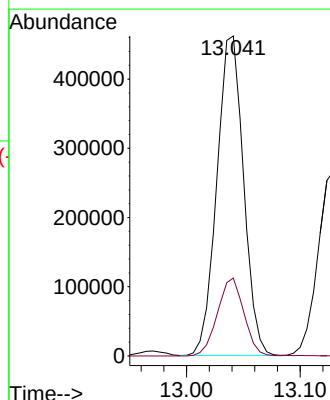
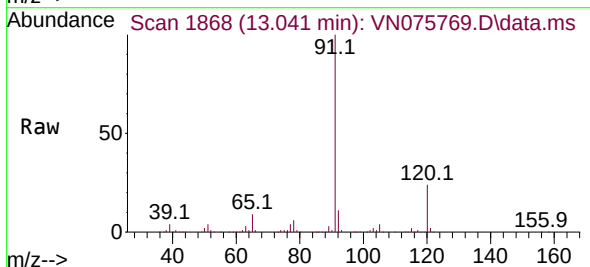
RT: 13.041 min Scan# 1868

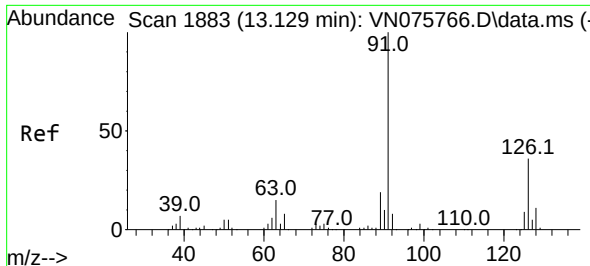
Delta R.T. 0.000 min

Lab File: VN075769.D

Acq: 14 Dec 2022 14:39

Tgt Ion:	91	Resp:	754792
Ion Ratio	Lower	Upper	
91	100		
120	24.1	12.0	36.1





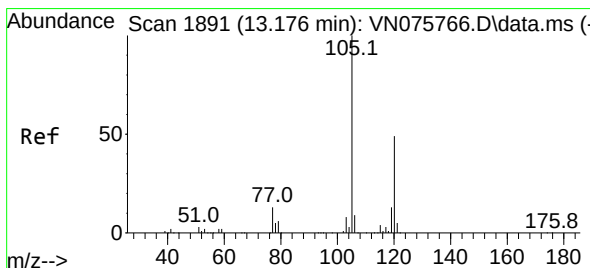
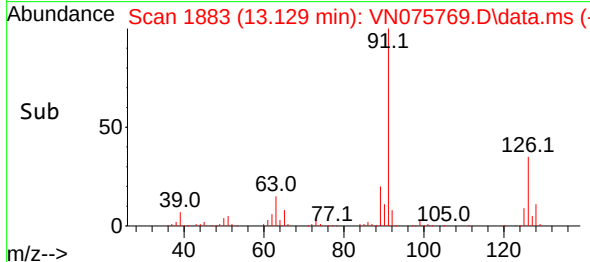
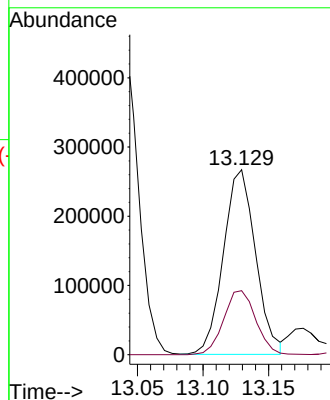
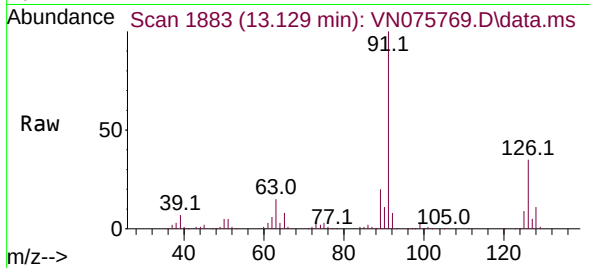
#79
2-Chlorotoluene
Concen: 48.142 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

Instrument :
MSVOA_N
ClientSampleId :
ICNVN121422

Tgt Ion: 91 Resp: 455624
Ion Ratio Lower Upper
91 100
126 34.7 17.5 52.5

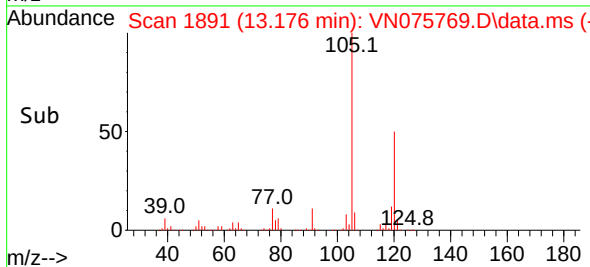
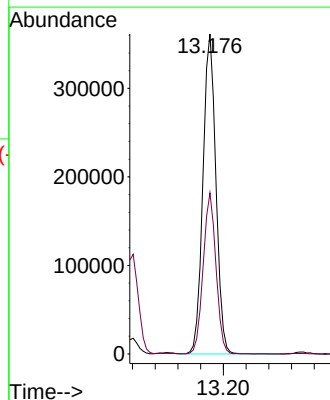
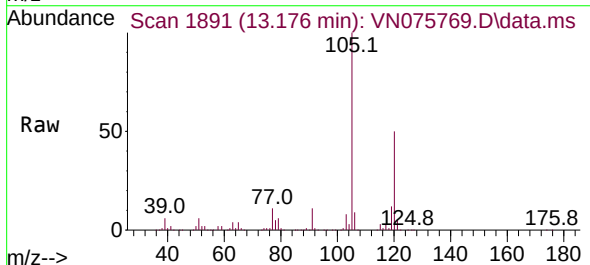
Manual Integrations
APPROVED

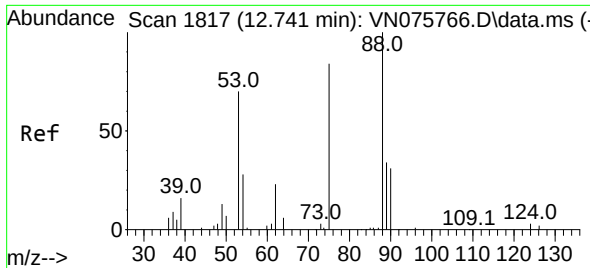
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 49.749 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

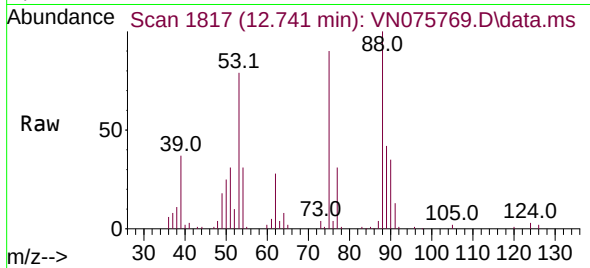
Tgt Ion:105 Resp: 572351
Ion Ratio Lower Upper
105 100
120 49.7 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 58.932 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

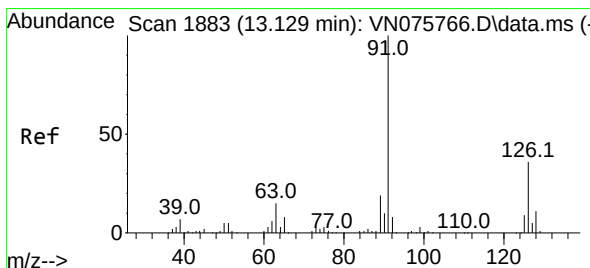
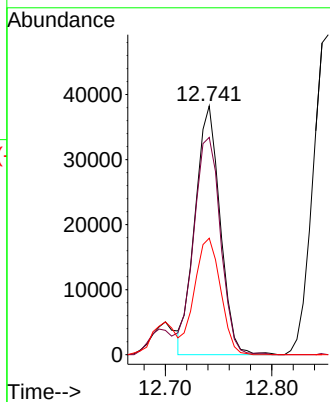
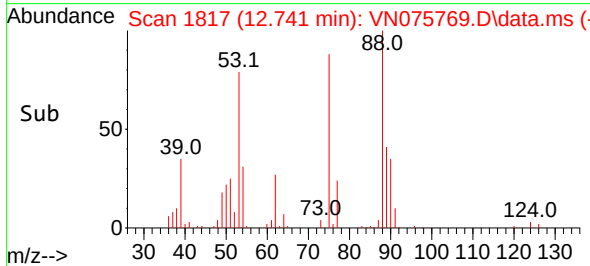
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121422



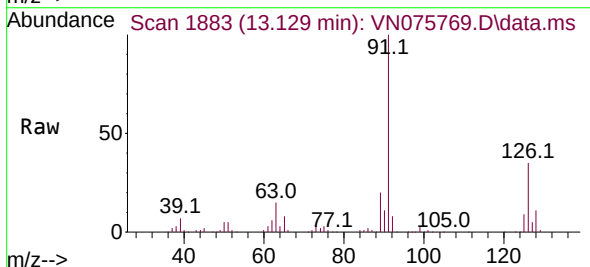
Tgt Ion: 75 Resp: 62777
Ion Ratio Lower Upper
75 100
53 94.7 73.8 110.6
89 48.8 39.5 59.3

Manual Integrations
APPROVED

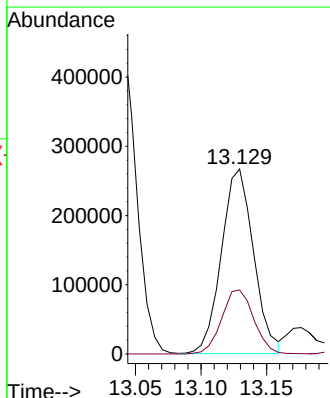
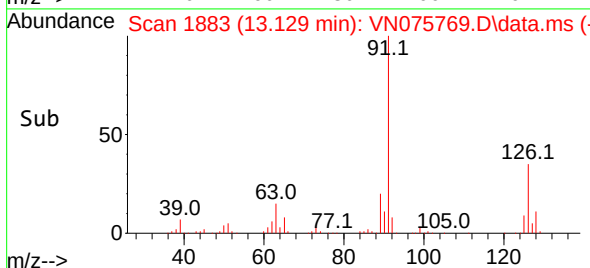
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

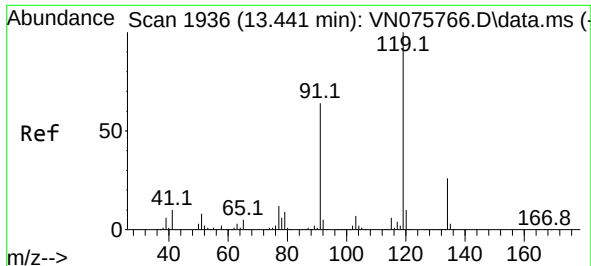


#82
4-Chlorotoluene
Concen: 48.142 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39



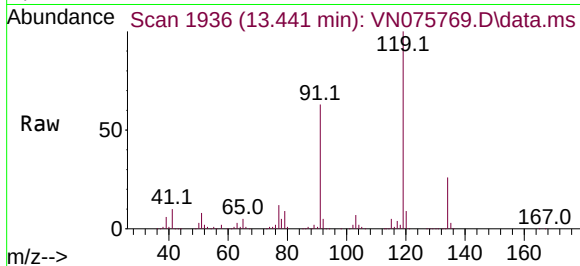
Tgt Ion: 91 Resp: 455624
Ion Ratio Lower Upper
91 100
126 34.7 17.5 52.5





#83
tert-Butylbenzene
Concen: 49.001 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

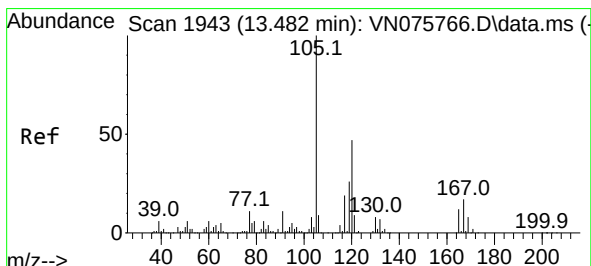
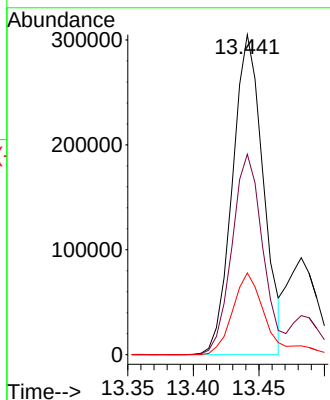
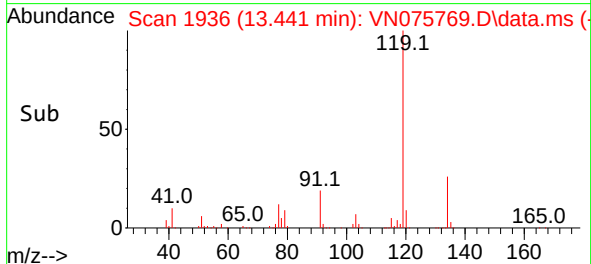
Instrument :
MSVOA_N
ClientSampleId :
ICVNV121422



Tgt Ion:119 Resp: 497044
Ion Ratio Lower Upper
119 100
91 63.6 31.9 95.5
134 27.6 13.8 41.4

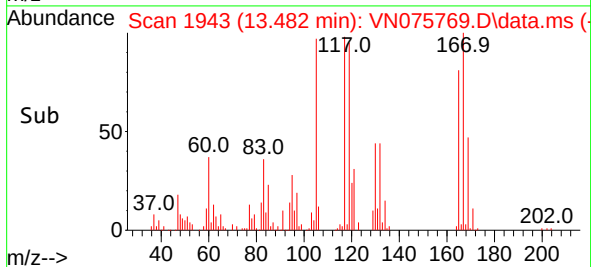
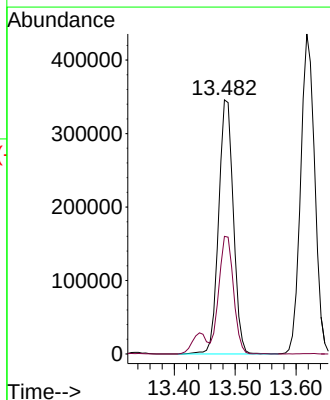
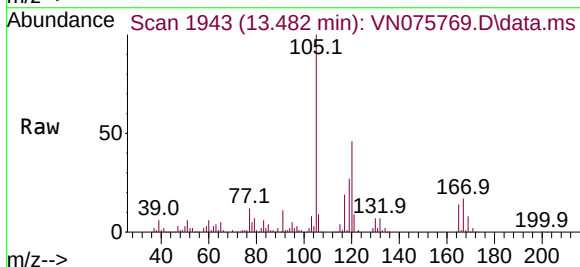
Manual Integrations
APPROVED

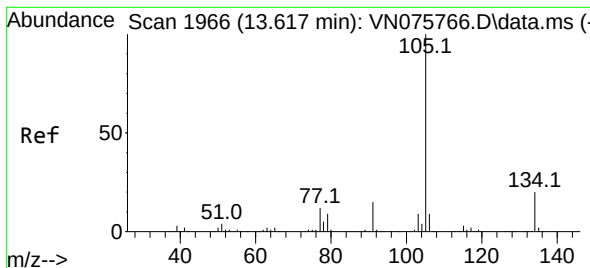
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#84
1,2,4-Trimethylbenzene
Concen: 50.839 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

Tgt Ion:105 Resp: 580234
Ion Ratio Lower Upper
105 100
120 45.9 23.3 69.8





#85

sec-Butylbenzene

Concen: 49.899 ug/l

RT: 13.618 min Scan# 1966

Delta R.T. 0.000 min

Lab File: VN075769.D

Acq: 14 Dec 2022 14:39

Instrument :

MSVOA_N

ClientSampleId :

ICVNV121422

Tgt Ion:105 Resp: 698614

Ion Ratio Lower Upper

105 100

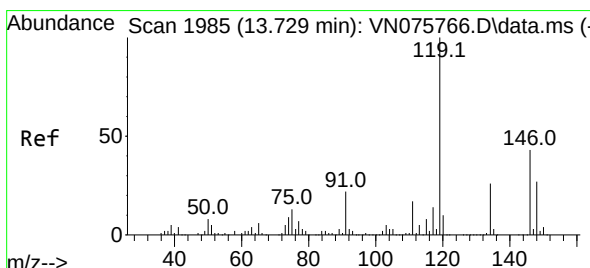
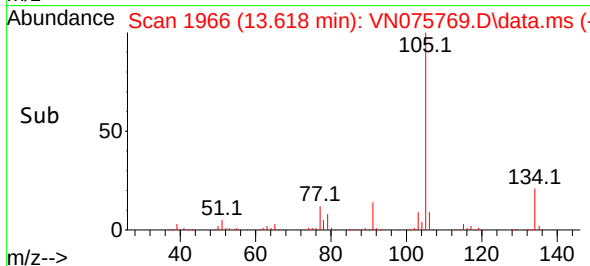
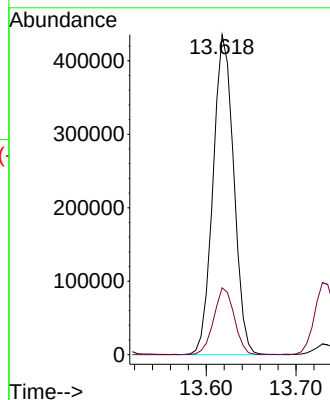
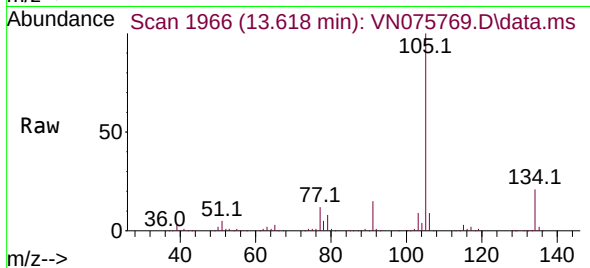
134 20.7 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#86

p-Isopropyltoluene

Concen: 52.351 ug/l

RT: 13.729 min Scan# 1985

Delta R.T. 0.000 min

Lab File: VN075769.D

Acq: 14 Dec 2022 14:39

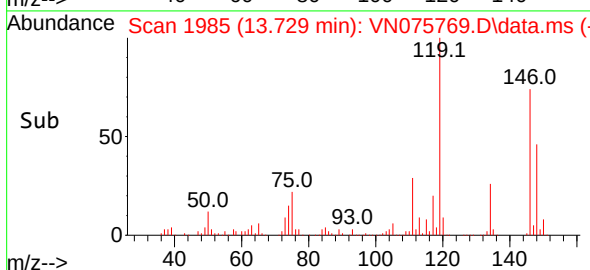
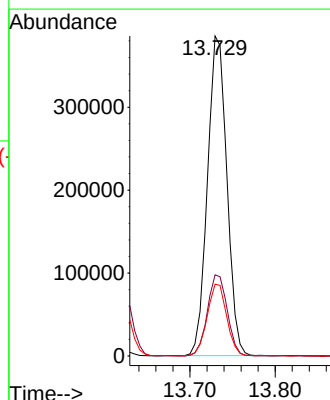
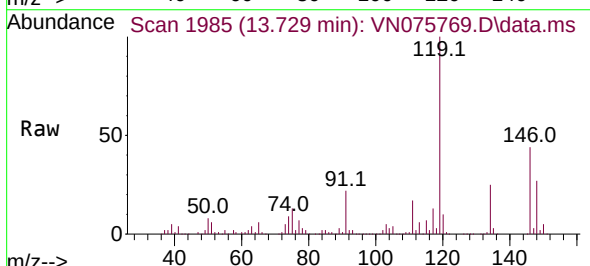
Tgt Ion:119 Resp: 609874

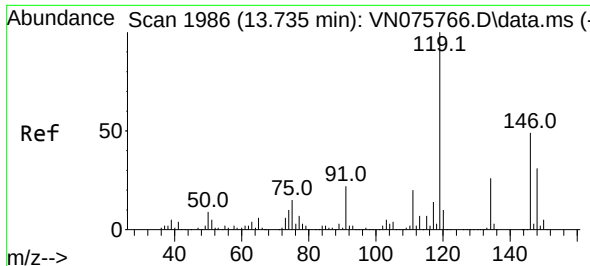
Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

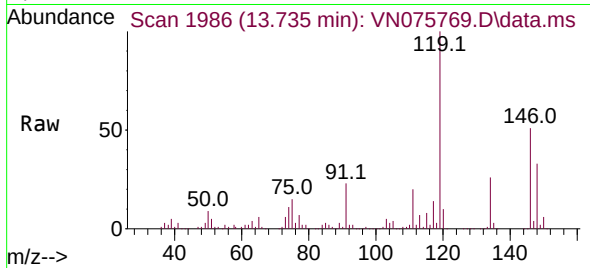
91 22.6 11.2 33.6





#87
 1,3-Dichlorobenzene
 Concen: 49.616 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075769.D
 Acq: 14 Dec 2022 14:39

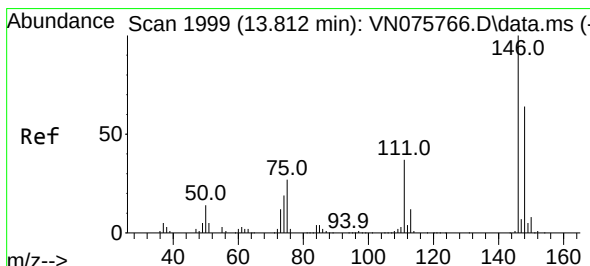
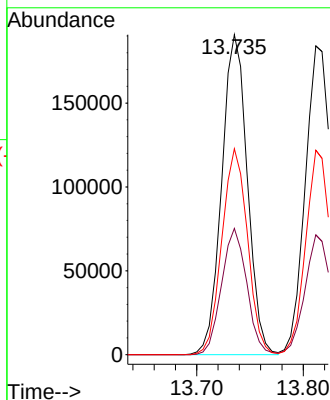
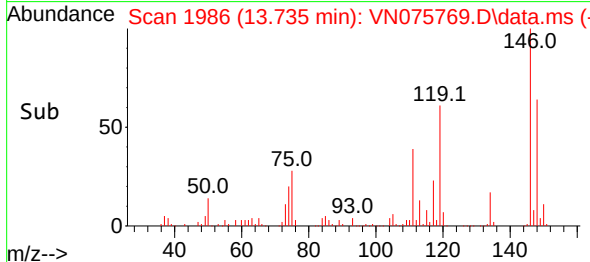
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN121422



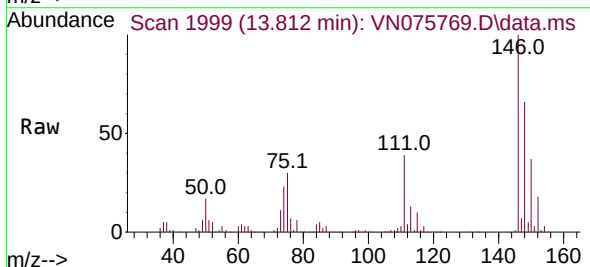
Tgt Ion:146 Resp: 318834
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.7 59.0
 148 64.5 31.4 94.2

Manual Integrations
 APPROVED

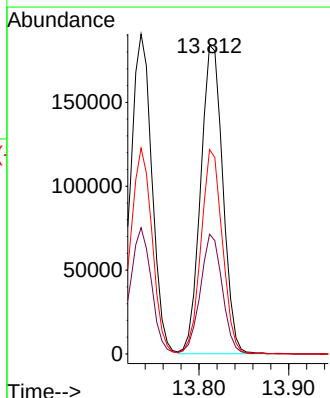
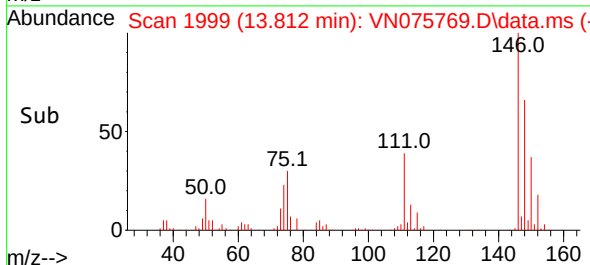
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

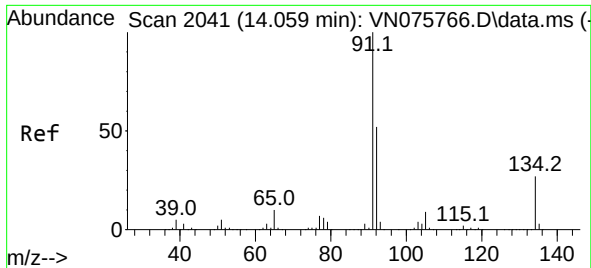


#88
 1,4-Dichlorobenzene
 Concen: 48.087 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN075769.D
 Acq: 14 Dec 2022 14:39



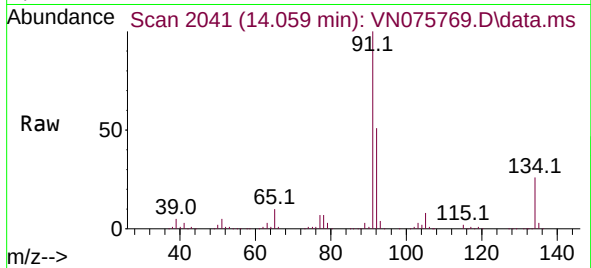
Tgt Ion:146 Resp: 315676
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.1 57.1
 148 63.9 32.0 96.2





#89
n-Butylbenzene
Concen: 53.258 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

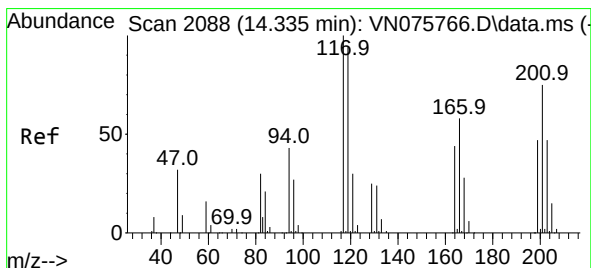
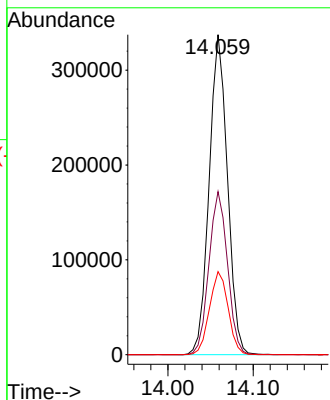
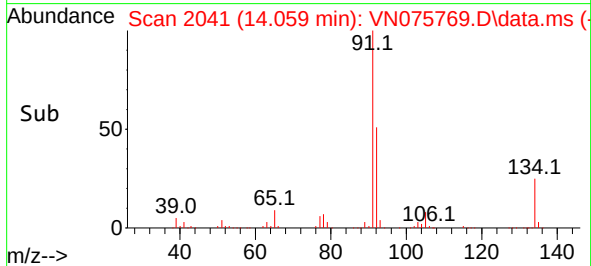
Instrument :
MSVOA_N
ClientSampleId :
ICNVN121422



Tgt Ion: 91 Resp: 50263
Ion Ratio Lower Upper
91 100
92 51.9 26.4 79.2
134 26.6 13.4 40.2

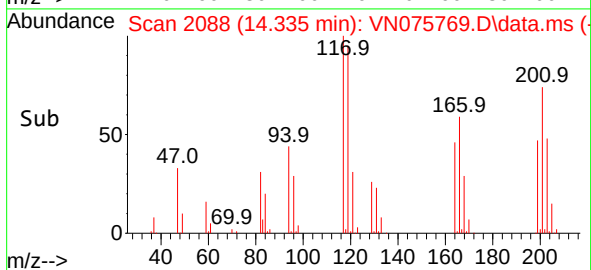
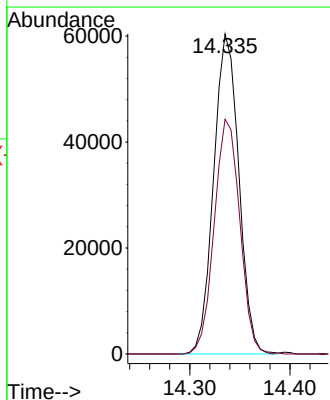
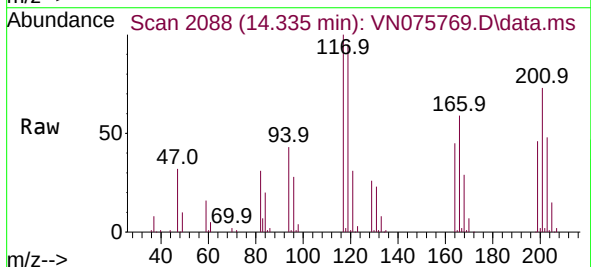
Manual Integrations
APPROVED

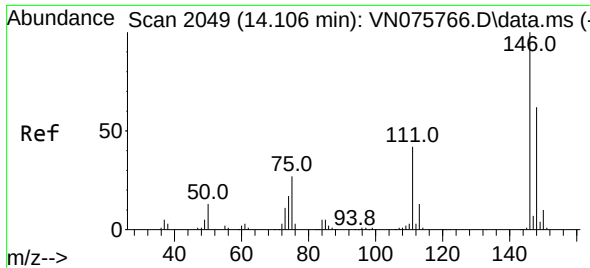
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#90
Hexachloroethane
Concen: 50.517 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

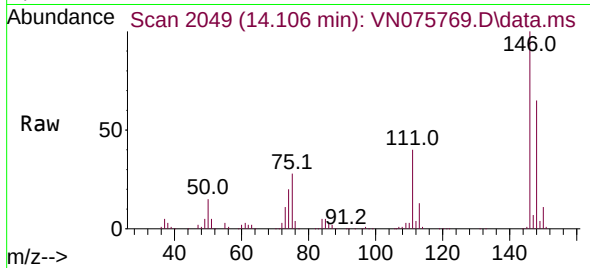
Tgt Ion:117 Resp: 105272
Ion Ratio Lower Upper
117 100
201 74.6 38.0 114.1





#91
1,2-Dichlorobenzene
Concen: 50.207 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

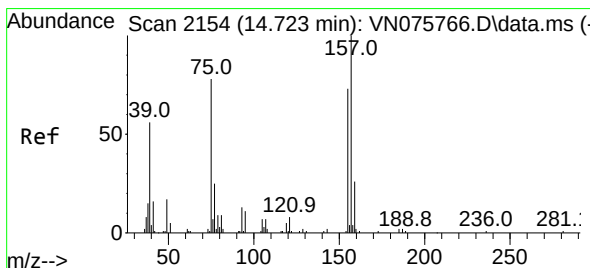
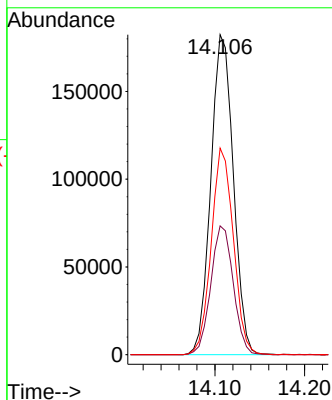
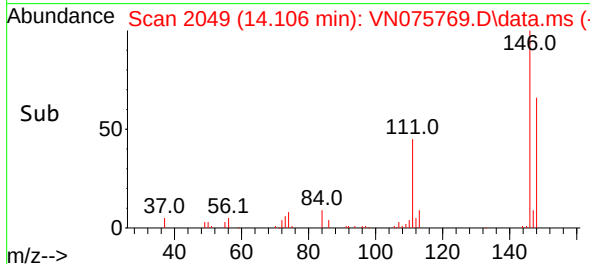
Instrument :
MSVOA_N
ClientSampleId :
ICNVN121422



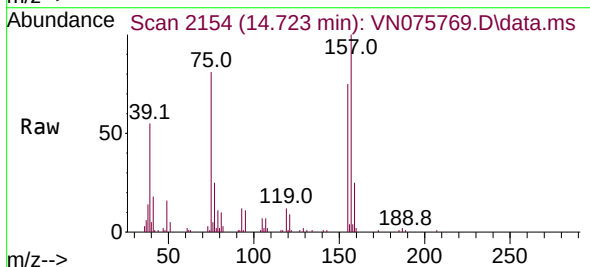
Tgt Ion:146 Resp: 317792
Ion Ratio Lower Upper
146 100
111 40.1 20.3 61.0
148 63.5 31.7 95.1

Manual Integrations
APPROVED

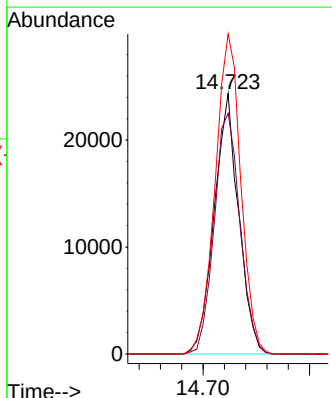
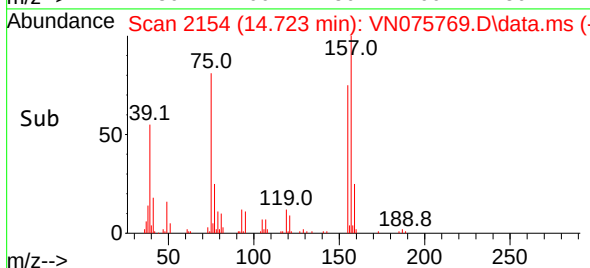
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

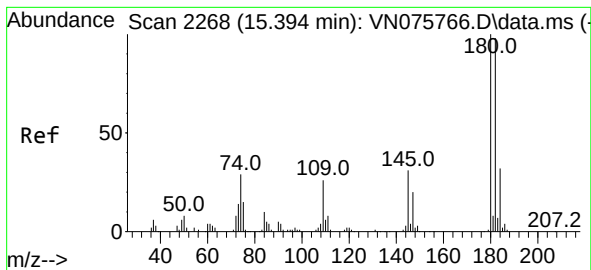


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.509 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39



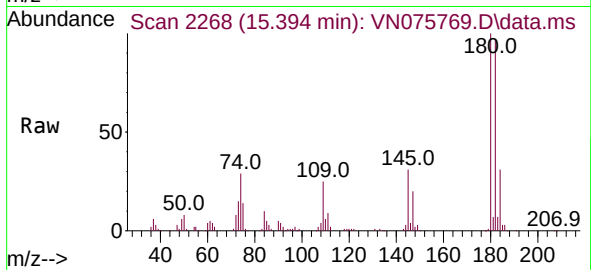
Tgt Ion: 75 Resp: 38839
Ion Ratio Lower Upper
75 100
155 97.1 49.3 147.8
157 128.7 63.7 191.3





#93
1,2,4-Trichlorobenzene
Concen: 53.788 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

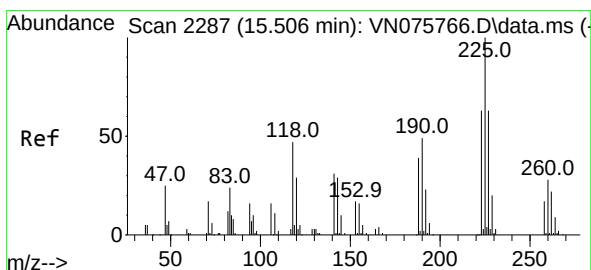
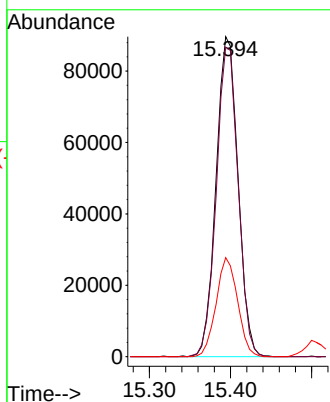
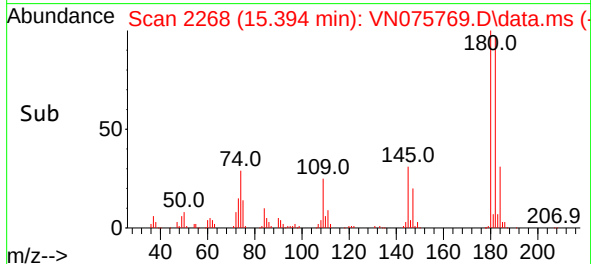
Instrument :
MSVOA_N
ClientSampleId :
ICV121422



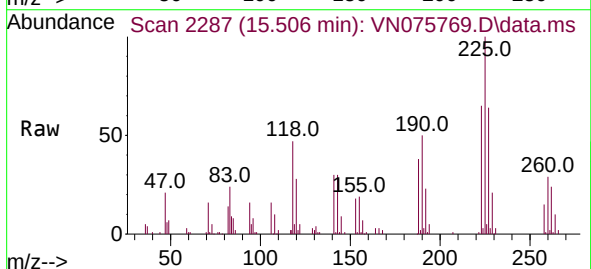
Tgt Ion:180 Resp: 16855
Ion Ratio Lower Upper
180 100
182 96.2 47.5 142.5
145 30.3 15.3 45.8

Manual Integrations
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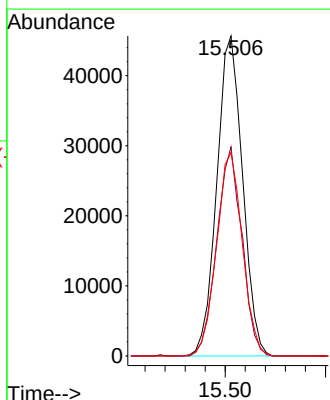
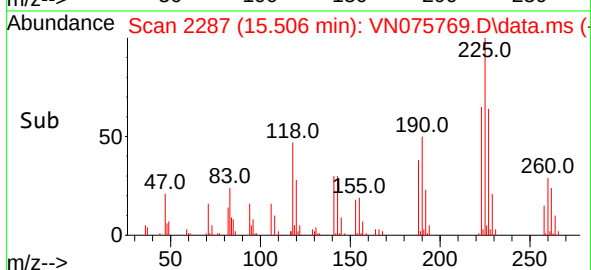
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

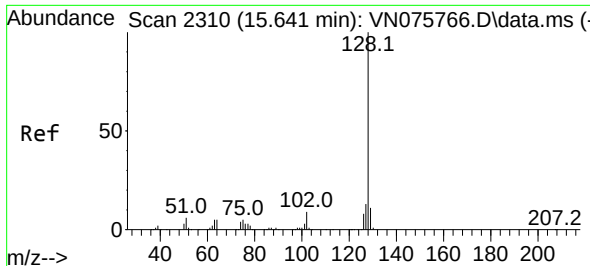


#94
Hexachlorobutadiene
Concen: 47.658 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39



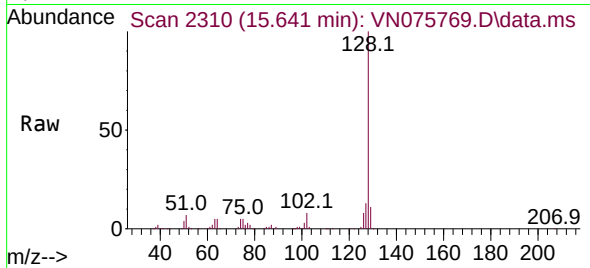
Tgt Ion:225 Resp: 81481
Ion Ratio Lower Upper
225 100
223 63.6 31.5 94.5
227 63.6 31.6 95.0





#95
Naphthalene
Concen: 51.555 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39

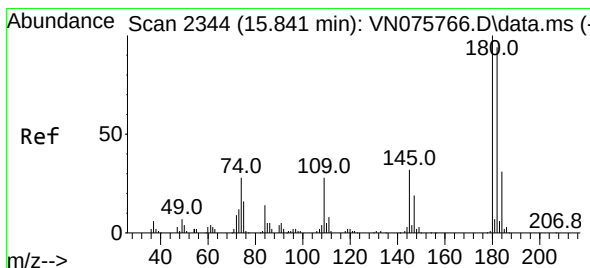
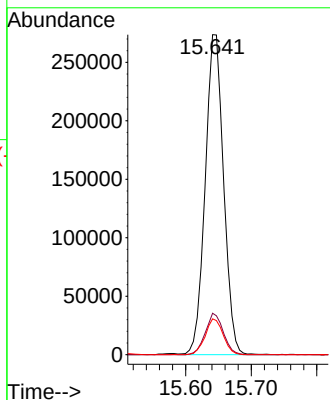
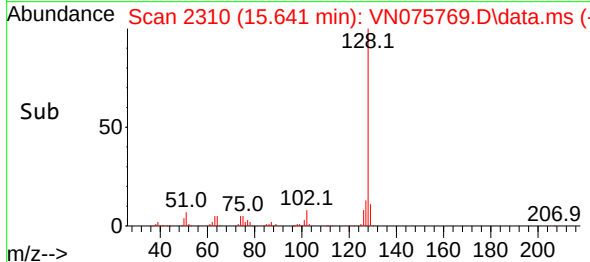
Instrument :
MSVOA_N
ClientSampleId :
ICNVN121422



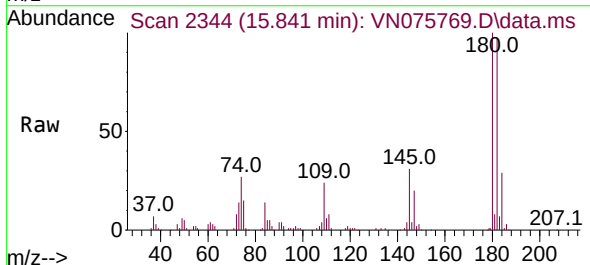
Tgt Ion:128 Resp: 53445
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 56.137 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075769.D
Acq: 14 Dec 2022 14:39



Tgt Ion:180 Resp: 164420
Ion Ratio Lower Upper
180 100
182 96.0 47.0 141.0
145 31.7 16.0 47.9

