

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112224\
 Data File : VN085007.D
 Acq On : 22 Nov 2024 12:10
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/25/2024
 Supervised By : Mahesh Dadoda 11/25/2024

Quant Time: Nov 23 01:59:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 01:56:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	168636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	283685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	116956	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	44399	18.483	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	36.960%#
35) Dibromofluoromethane	8.159	113	35327	18.466	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	36.940%#
50) Toluene-d8	10.565	98	130719	19.066	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	38.140%#
62) 4-Bromofluorobenzene	12.847	95	48193	18.797	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	37.600%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	38229	20.048	ug/l	99
3) Chloromethane	2.359	50	40404	18.269	ug/l	91
4) Vinyl Chloride	2.512	62	39070	19.658	ug/l	94
5) Bromomethane	2.900	94	22076	19.817	ug/l	98
6) Chloroethane	3.071	64	25643	19.141	ug/l	98
7) Trichlorofluoromethane	3.471	101	67785	20.049	ug/l	94
8) Diethyl Ether	3.953	74	23514	20.434	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.359	101	38412	20.031	ug/l	99
10) Methyl Iodide	4.571	142	52498	20.683	ug/l	98
11) Tert butyl alcohol	5.536	59	30735	95.749	ug/l #	85
12) 1,1-Dichloroethene	4.330	96	36027	20.128	ug/l	97
13) Acrolein	4.177	56	20478	95.606	ug/l	96
14) Allyl chloride	5.006	41	59110	19.590	ug/l	99
15) Acrylonitrile	5.712	53	89152	98.100	ug/l	99
16) Acetone	4.430	43	69534	99.393	ug/l	96
17) Carbon Disulfide	4.694	76	103559	19.602	ug/l	96
18) Methyl Acetate	5.018	43	46954	20.318	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	119013	20.350	ug/l	98
20) Methylene Chloride	5.265	84	41741	19.553	ug/l	89
21) trans-1,2-Dichloroethene	5.777	96	38088	20.221	ug/l	98
22) Diisopropyl ether	6.665	45	122443	20.162	ug/l	99
23) Vinyl Acetate	6.594	43	431313	102.948	ug/l	99
24) 1,1-Dichloroethane	6.559	63	73105	20.116	ug/l	98
25) 2-Butanone	7.482	43	114635	100.226	ug/l	99
26) 2,2-Dichloropropane	7.482	77	66230	19.517	ug/l	97
27) cis-1,2-Dichloroethene	7.482	96	45307	19.953	ug/l	99
28) Bromochloromethane	7.806	49	27564	20.092	ug/l	99
29) Tetrahydrofuran	7.835	42	71566	100.618	ug/l	99
30) Chloroform	7.953	83	74495	19.270	ug/l	94
31) Cyclohexane	8.247	56	63521	19.852	ug/l	96
32) 1,1,1-Trichloroethane	8.159	97	68908	19.725	ug/l	97
36) 1,1-Dichloropropene	8.365	75	51535	19.888	ug/l	98
37) Ethyl Acetate	7.559	43	48436	20.561	ug/l	99
38) Carbon Tetrachloride	8.359	117	61594	20.593	ug/l	97
39) Methylcyclohexane	9.600	83	55102	20.464	ug/l	98
40) Benzene	8.600	78	163727	19.977	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	26011	19.942	ug/l	99
42) 1,2-Dichloroethane	8.665	62	56374	20.106	ug/l	99
43) Isopropyl Acetate	8.682	43	88647	18.116	ug/l	98
44) Trichloroethene	9.347	130	38334	20.127	ug/l	96
45) 1,2-Dichloropropane	9.618	63	39852	19.742	ug/l	96
46) Dibromomethane	9.706	93	28140	20.062	ug/l	98
47) Bromodichloromethane	9.882	83	59008	19.849	ug/l	97
48) Methyl methacrylate	9.676	41	36687	20.148	ug/l	98
49) 1,4-Dioxane	9.694	88	12977	410.958	ug/l #	89
51) 4-Methyl-2-Pentanone	10.441	43	230239	103.015	ug/l	99
52) Toluene	10.629	92	100021	20.615	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	61215	20.539	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	64823	20.501	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	36732	20.326	ug/l	96
56) Ethyl methacrylate	10.871	69	55691	21.089	ug/l	98
57) 1,3-Dichloropropane	11.159	76	63314	19.906	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	137602	106.227	ug/l	100
59) 2-Hexanone	11.194	43	179717	107.514	ug/l	99
60) Dibromochloromethane	11.353	129	44450	20.126	ug/l	97
61) 1,2-Dibromoethane	11.465	107	37228	19.905	ug/l	99
64) Tetrachloroethene	11.100	164	32716	20.155	ug/l	93
65) Chlorobenzene	11.888	112	108255	19.815	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	37404	19.446	ug/l	98
67) Ethyl Benzene	11.959	91	181169	20.440	ug/l	98
68) m/p-Xylenes	12.070	106	141133	41.824	ug/l	99
69) o-Xylene	12.394	106	66013	20.565	ug/l	97
70) Styrene	12.406	104	113503	21.263	ug/l	99
71) Bromoform	12.576	173	28783	20.159	ug/l #	98
73) Isopropylbenzene	12.694	105	168631	20.438	ug/l	100
74) N-amyl acetate	12.494	43	72208	21.238	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	53889	19.127	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	43650m	19.951	ug/l	
77) Bromobenzene	12.976	156	43298	19.500	ug/l	99
78) n-propylbenzene	13.035	91	196551	20.653	ug/l	99
79) 2-Chlorotoluene	13.123	91	128714	20.261	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	145726	21.048	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	18860	20.144	ug/l	99
82) 4-Chlorotoluene	13.217	91	133131	20.131	ug/l	99
83) tert-Butylbenzene	13.435	119	121188	20.344	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	149479	20.974	ug/l	99
85) sec-Butylbenzene	13.611	105	168068	20.885	ug/l	100
86) p-Isopropyltoluene	13.729	119	143841	21.653	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	83500	19.066	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	85098	19.041	ug/l	99
89) n-Butylbenzene	14.053	91	122257	19.790	ug/l	100
90) Hexachloroethane	14.329	117	27899	19.267	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	82164	19.579	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10633	19.517	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	44383	19.467	ug/l	98
94) Hexachlorobutadiene	15.500	225	20642	19.618	ug/l	95
95) Naphthalene	15.641	128	132816	20.454	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	44145	20.293	ug/l	98

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

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

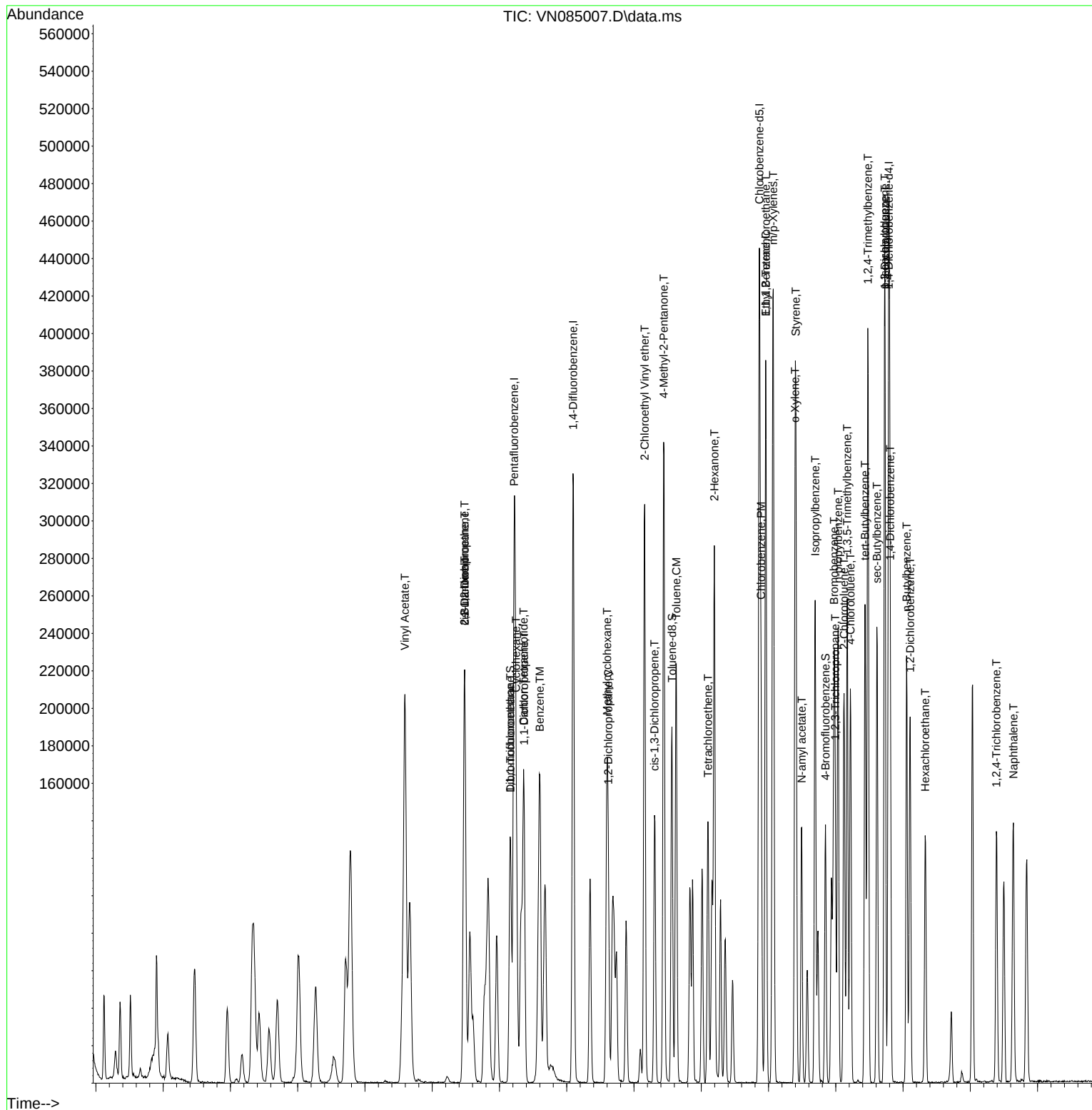
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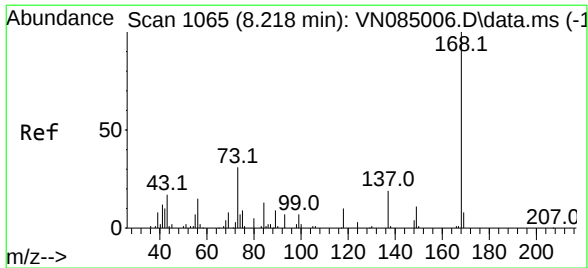
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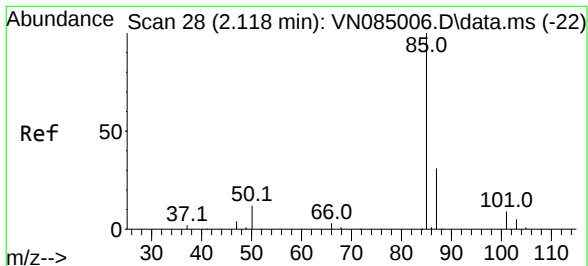
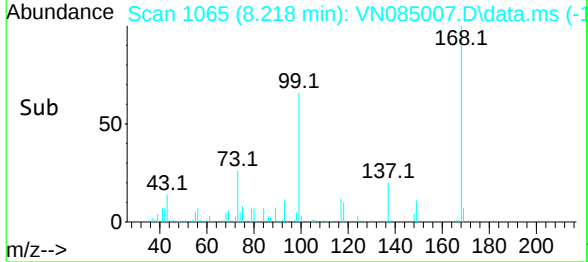
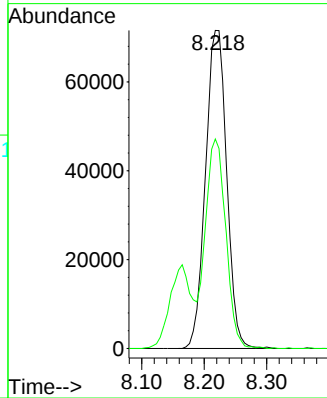
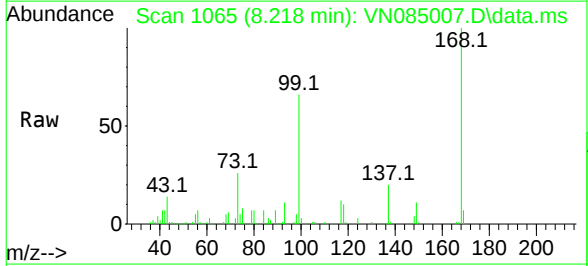
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN085007.D
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Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:168 Resp: 168636
Ion Ratio Lower Upper
168 100
99 65.9 51.2 76.8

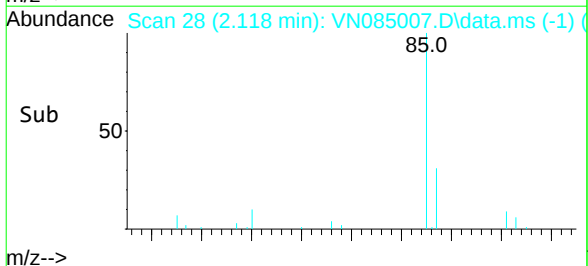
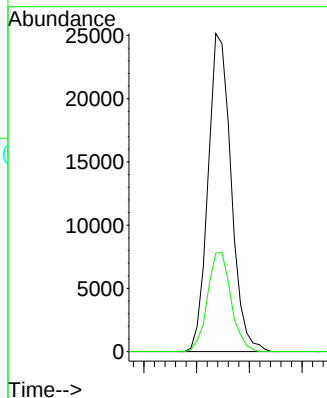
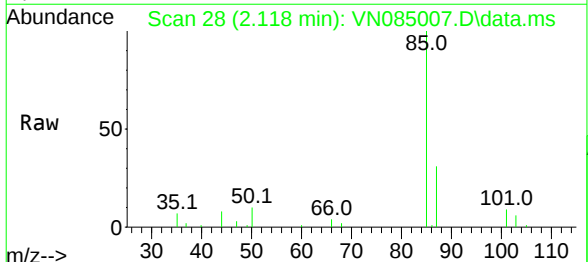
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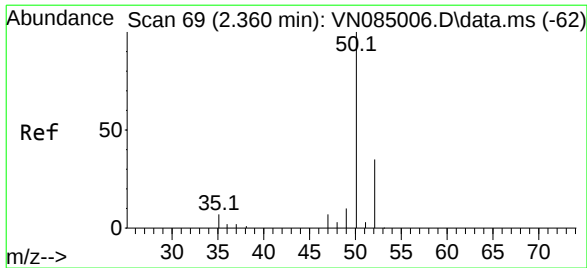
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#2
Dichlorodifluoromethane
Concen: 20.048 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Tgt Ion: 85 Resp: 38229
Ion Ratio Lower Upper
85 100
87 30.9 15.7 47.1





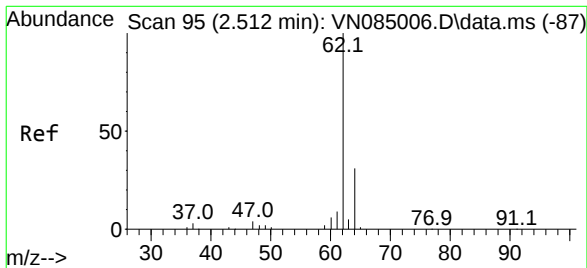
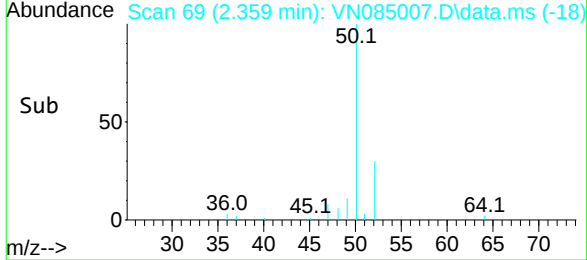
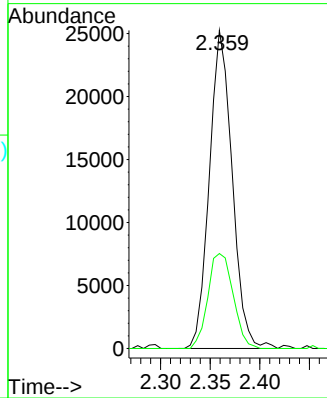
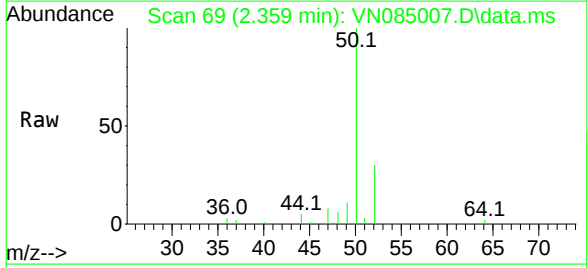
#3
Chloromethane
Concen: 18.269 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 50 Resp: 40404
Ion Ratio Lower Upper
50 100
52 29.9 27.8 41.8

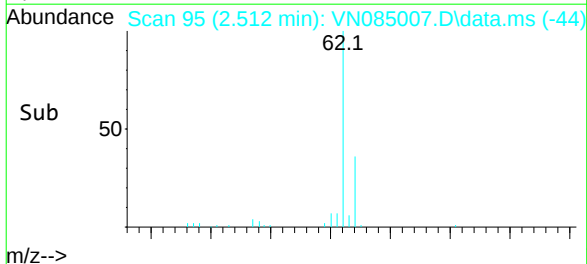
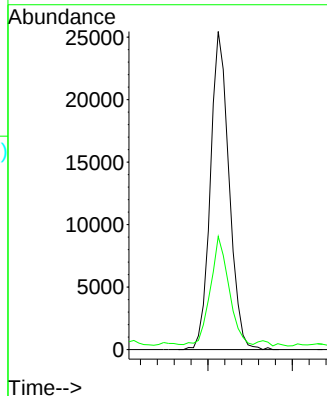
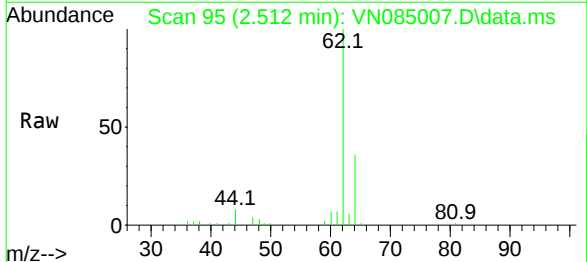
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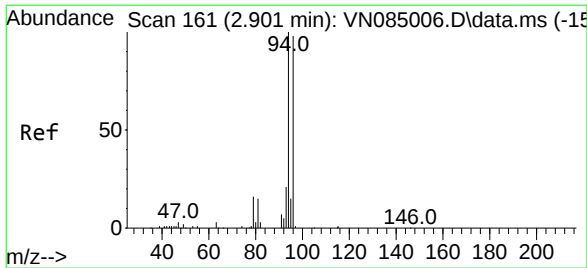
Reviewed By :John Carlone 11/25/2024
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#4
Vinyl Chloride
Concen: 19.658 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Tgt Ion: 62 Resp: 39070
Ion Ratio Lower Upper
62 100
64 33.9 24.6 36.8





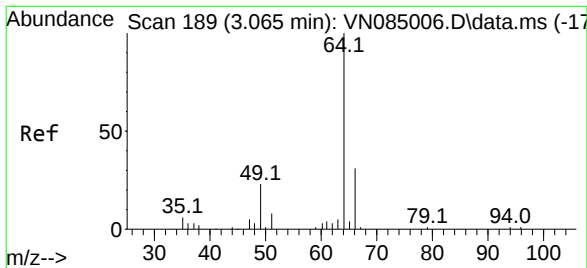
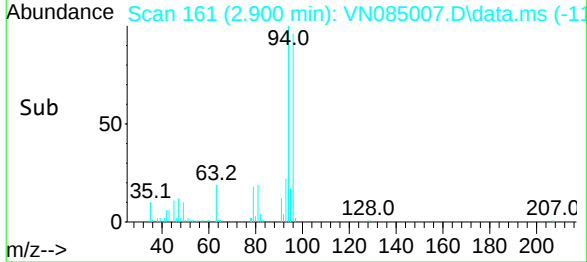
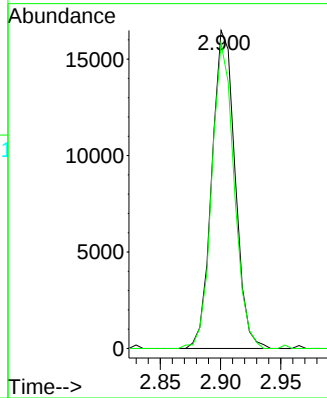
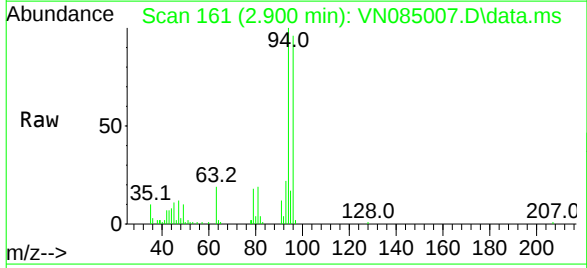
#5
Bromomethane
Concen: 19.817 ug/l
RT: 2.900 min Scan# 161
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 94 Resp: 22076
Ion Ratio Lower Upper
94 100
96 96.0 78.7 118.1

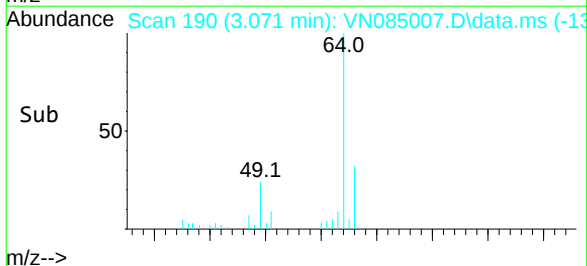
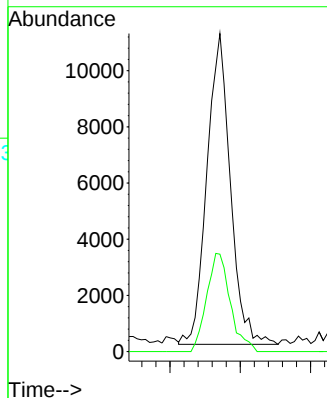
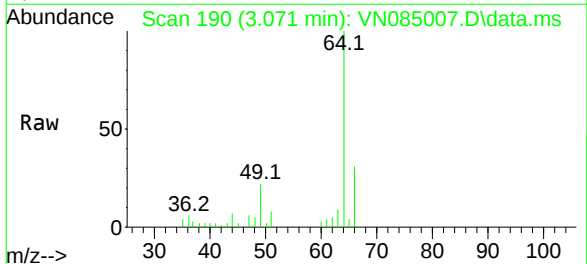
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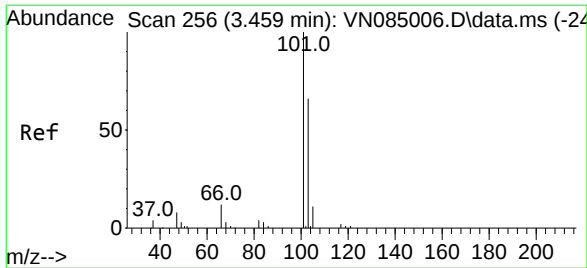
Reviewed By :John Carlone 11/25/2024
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#6
Chloroethane
Concen: 19.141 ug/l
RT: 3.071 min Scan# 190
Delta R.T. 0.006 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

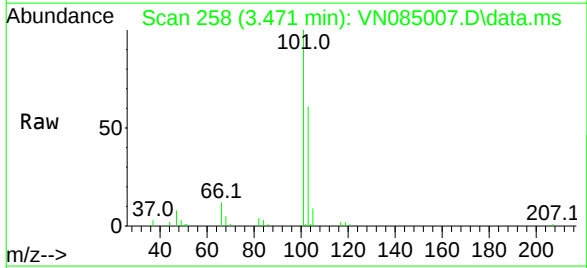
Tgt Ion: 64 Resp: 25643
Ion Ratio Lower Upper
64 100
66 31.3 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 20.049 ug/l
 RT: 3.471 min Scan# 256
 Delta R.T. 0.012 min
 Lab File: VN085007.D
 Acq: 22 Nov 2024 12:10

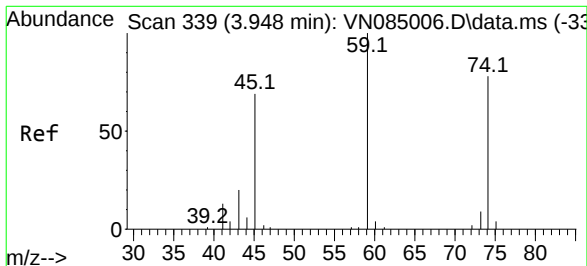
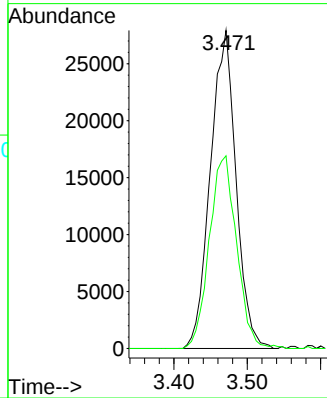
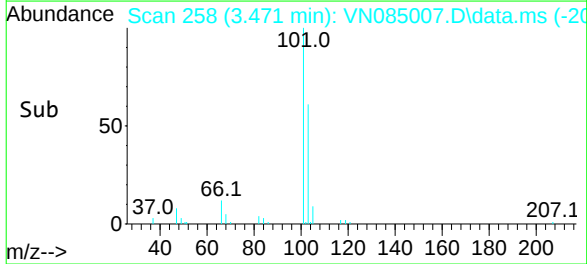
Instrument :
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Tgt Ion: 101 Resp: 67785
 Ion Ratio Lower Upper
 101 100
 103 60.6 52.6 78.8

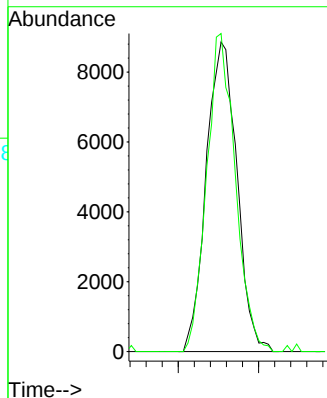
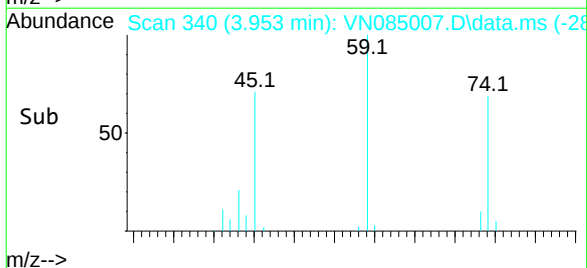
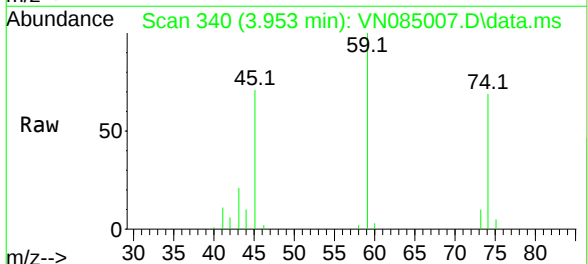
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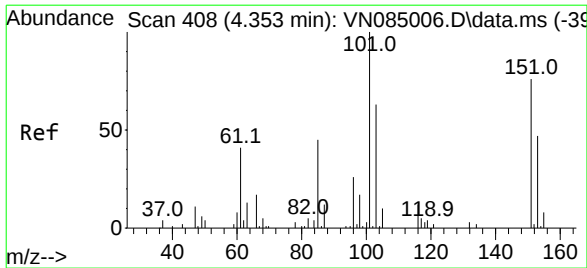
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#8
 Diethyl Ether
 Concen: 20.434 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. 0.006 min
 Lab File: VN085007.D
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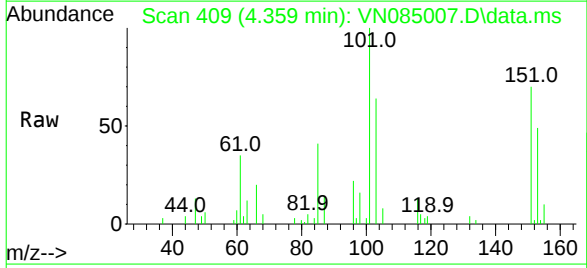
Tgt Ion: 74 Resp: 23514
 Ion Ratio Lower Upper
 74 100
 45 95.8 46.7 140.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.031 ug/l
RT: 4.359 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

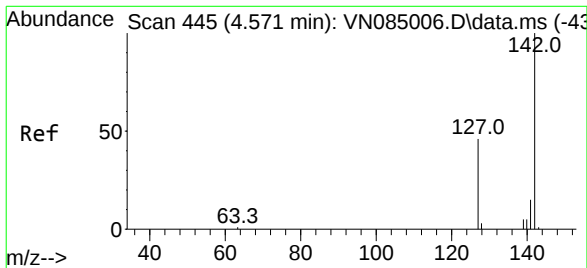
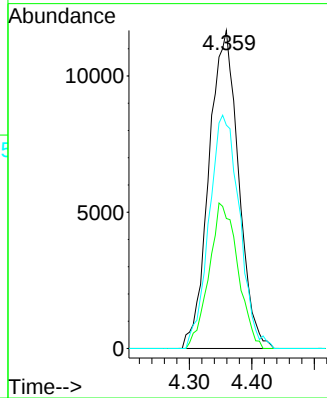
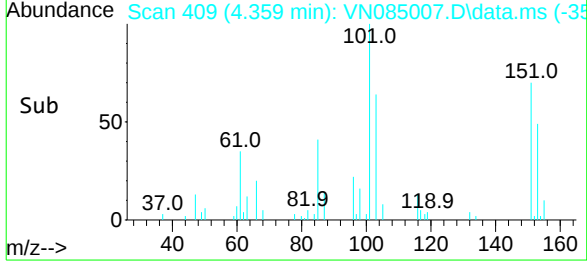
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



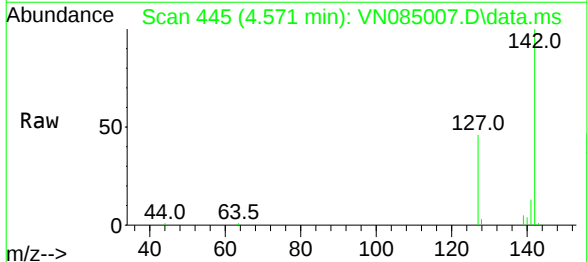
Tgt Ion:101 Resp: 38412
Ion Ratio Lower Upper
101 100
85 44.4 36.9 55.3
151 75.5 60.8 91.2

Manual Integrations
APPROVED

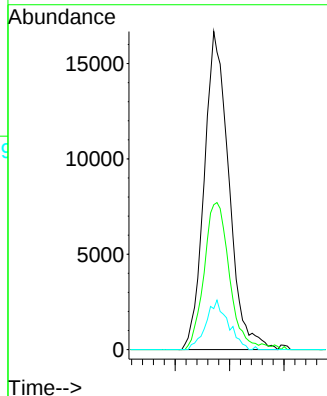
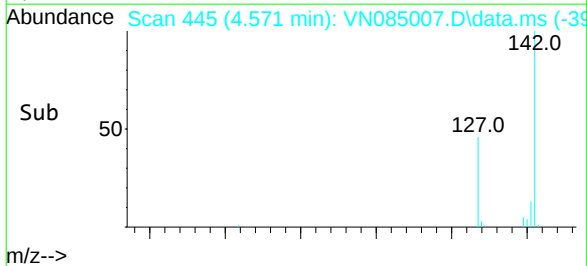
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024

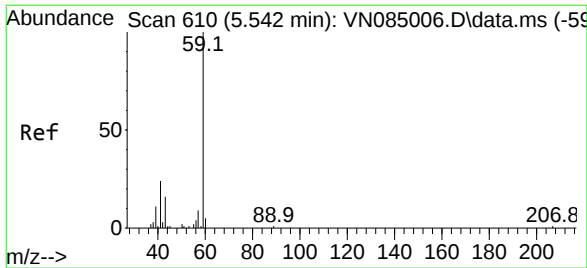


#10
Methyl Iodide
Concen: 20.683 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10



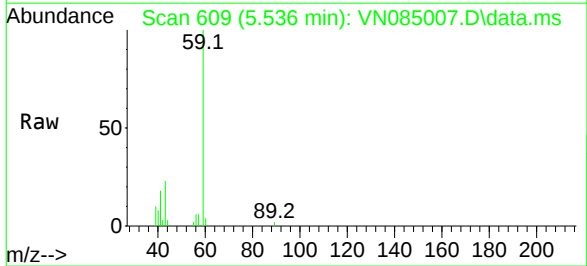
Tgt Ion:142 Resp: 52498
Ion Ratio Lower Upper
142 100
127 45.5 36.6 54.8
141 12.9 12.2 18.4





#11
Tert butyl alcohol
Concen: 95.749 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

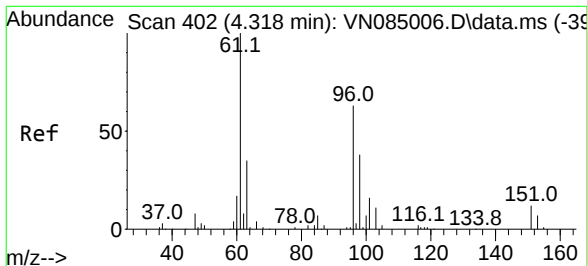
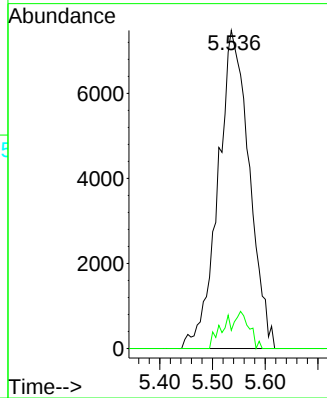
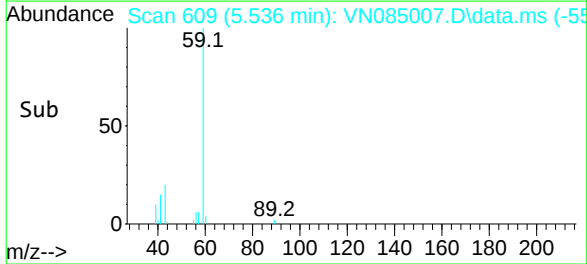
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



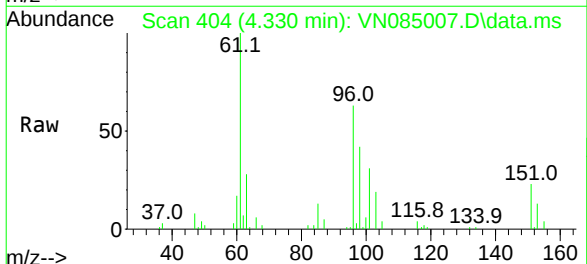
Tgt Ion: 59 Resp: 30735
Ion Ratio Lower Upper
59 100
57 3.7 7.4 11.0#

Manual Integrations
APPROVED

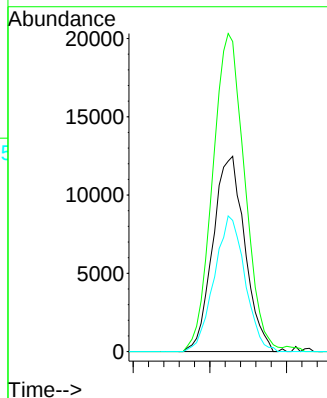
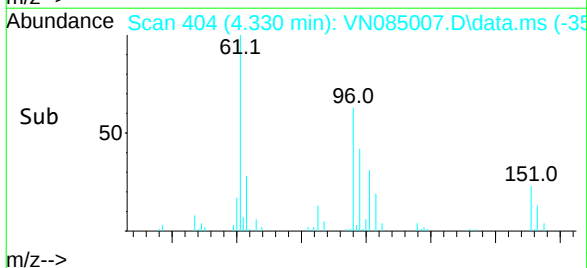
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024

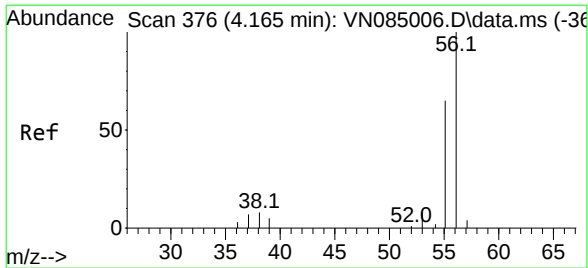


#12
1,1-Dichloroethene
Concen: 20.128 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.012 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10



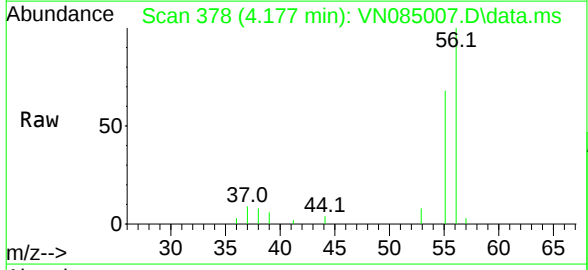
Tgt Ion: 96 Resp: 36027
Ion Ratio Lower Upper
96 100
61 158.7 127.8 191.8
98 67.1 49.2 73.8





#13
Acrolein
Concen: 95.606 ug/l
RT: 4.177 min Scan# 376
Delta R.T. 0.012 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

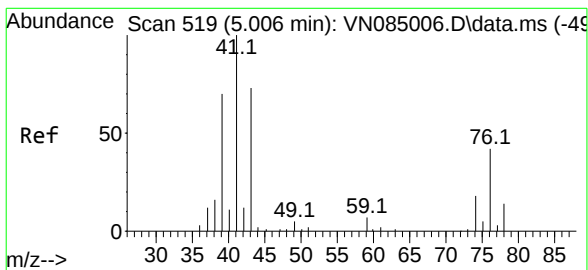
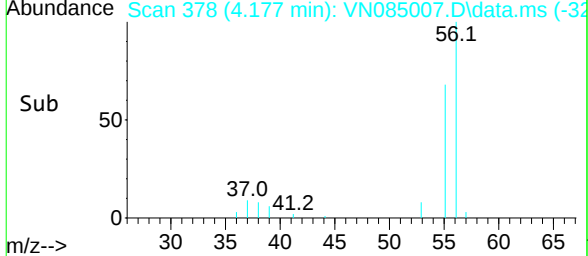
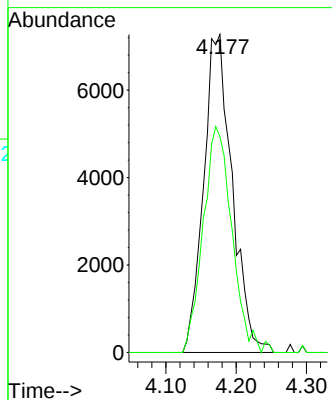
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 20478
Ion Ratio Lower Upper
56 100
55 71.2 54.5 81.7

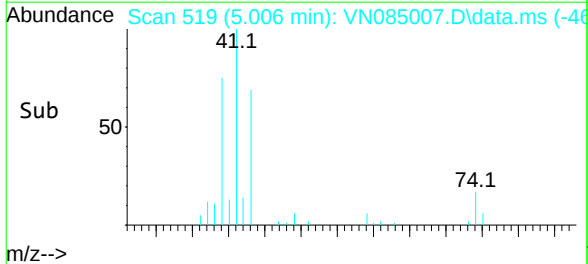
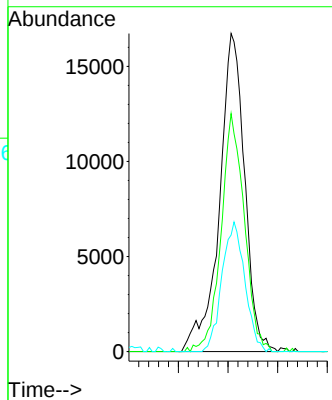
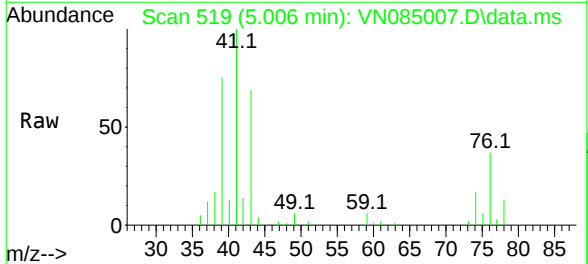
Manual Integrations
APPROVED

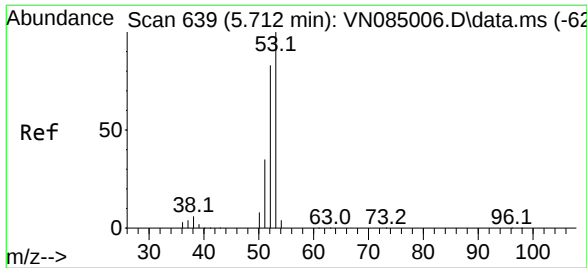
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#14
Allyl chloride
Concen: 19.590 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Tgt Ion: 41 Resp: 59110
Ion Ratio Lower Upper
41 100
39 68.7 53.8 80.8
76 36.9 29.3 43.9





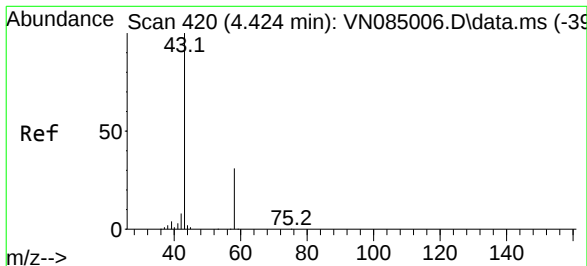
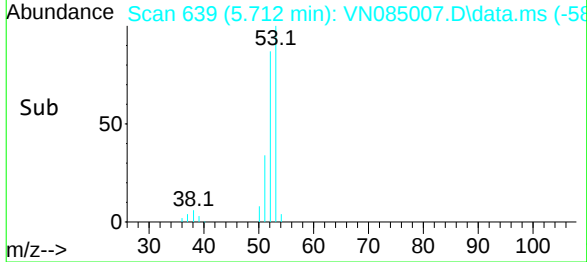
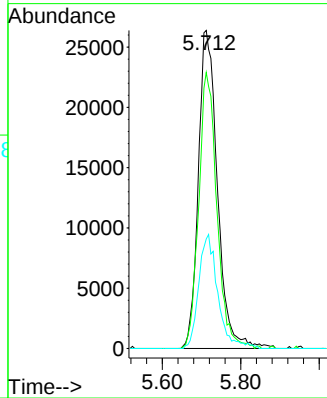
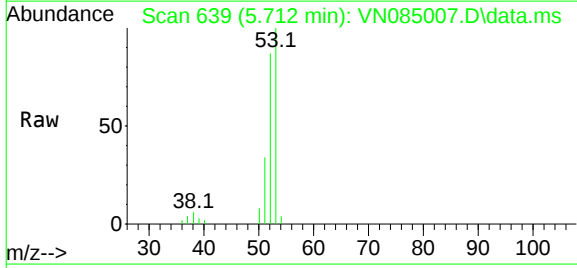
#15
Acrylonitrile
Concen: 98.100 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 53	Resp: 89152
Ion Ratio	Lower Upper
53 100	
52 82.4	65.5 98.3
51 35.8	28.4 42.6

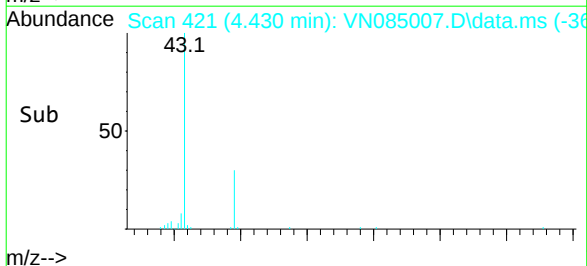
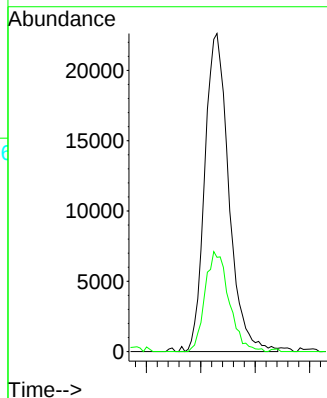
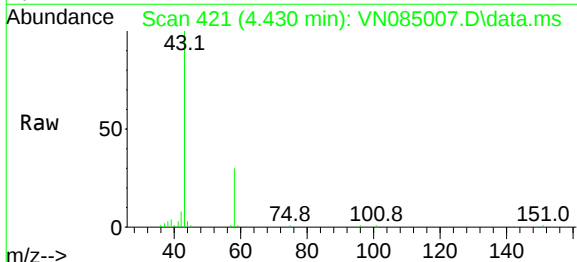
Manual Integrations
APPROVED

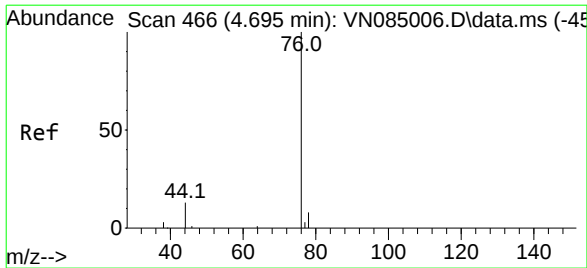
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#16
Acetone
Concen: 99.393 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

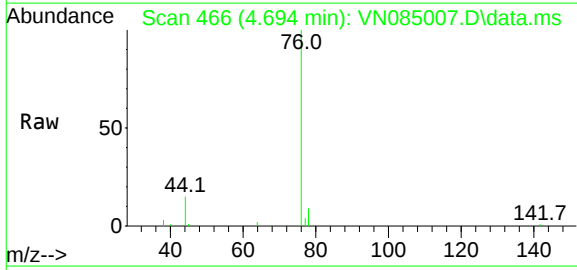
Tgt Ion: 43	Resp: 69534
Ion Ratio	Lower Upper
43 100	
58 29.6	25.4 38.2





#17
Carbon Disulfide
Concen: 19.602 ug/l
RT: 4.694 min Scan# 466
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

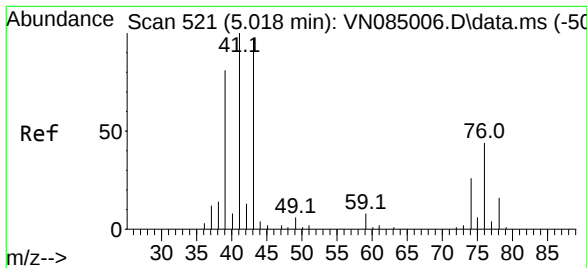
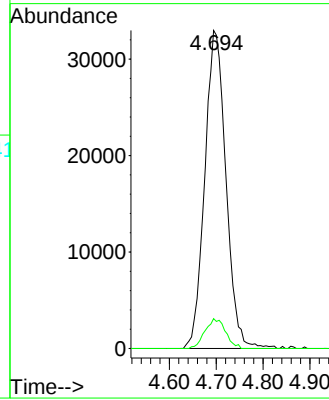
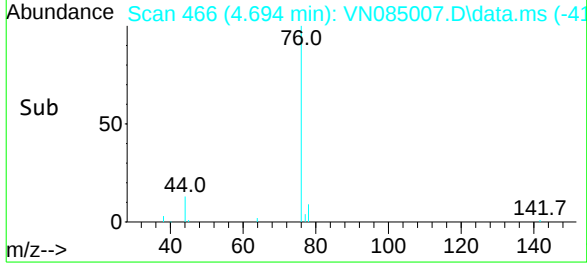
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 103559
Ion Ratio Lower Upper
76 100
78 9.4 6.5 9.7

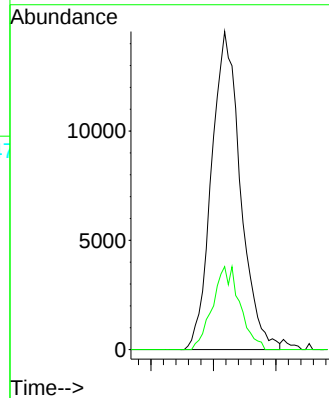
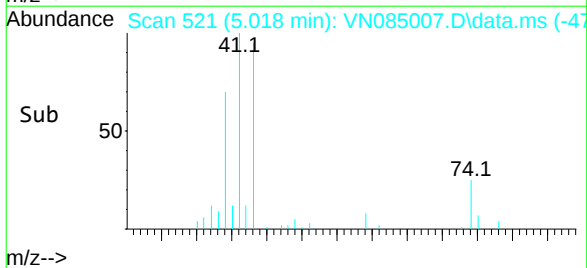
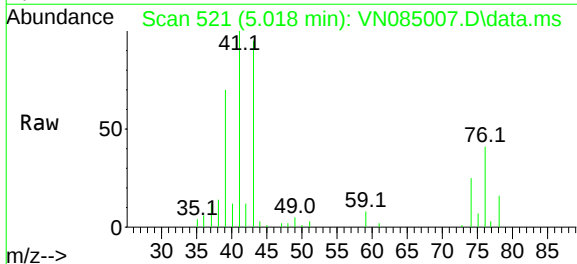
Manual Integrations
APPROVED

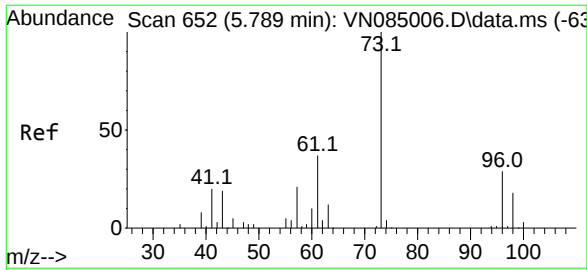
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#18
Methyl Acetate
Concen: 20.318 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Tgt Ion: 43 Resp: 46954
Ion Ratio Lower Upper
43 100
74 24.7 20.1 30.1





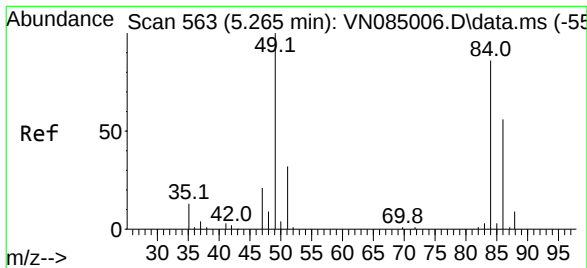
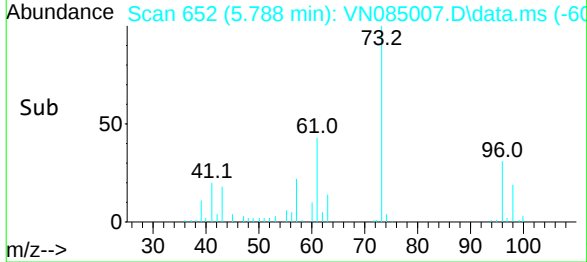
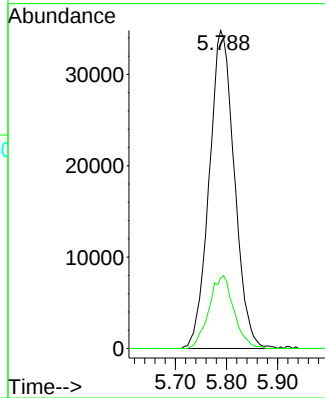
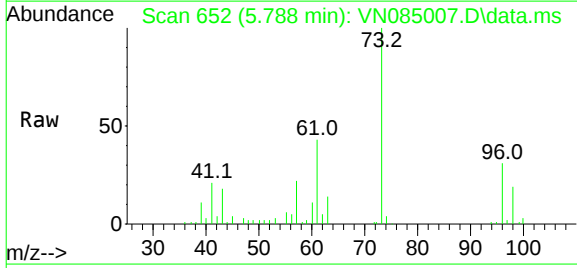
#19
Methyl tert-butyl Ether
Concen: 20.350 ug/l
RT: 5.788 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 119013
Ion Ratio Lower Upper
73 100
57 22.2 17.0 25.4

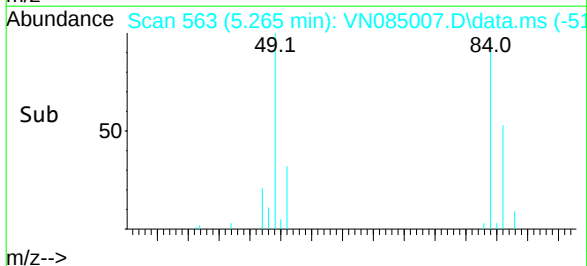
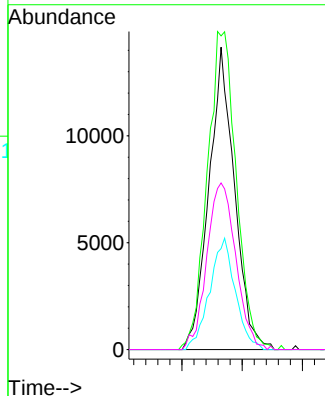
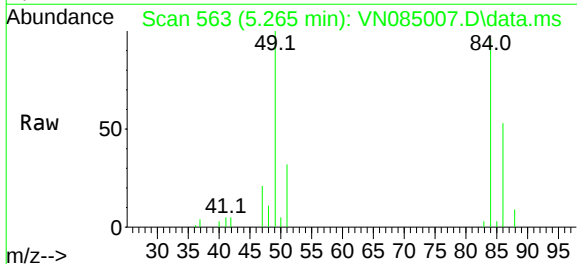
Manual Integrations
APPROVED

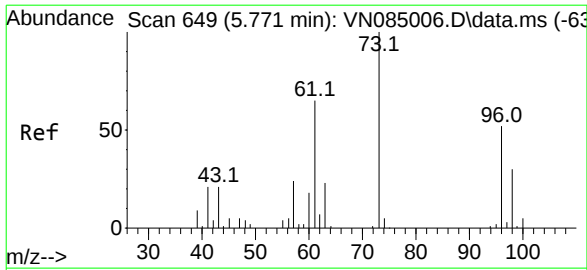
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#20
Methylene Chloride
Concen: 19.553 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

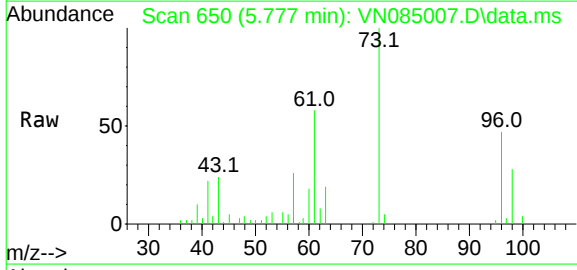
Tgt Ion: 84 Resp: 41741
Ion Ratio Lower Upper
84 100
49 103.7 92.7 139.1
51 33.4 29.4 44.2
86 55.1 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 20.221 ug/l
RT: 5.777 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

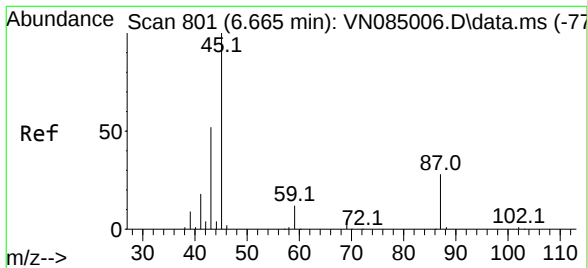
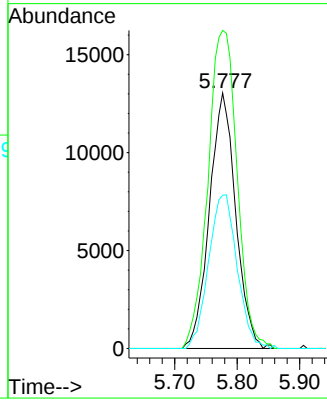
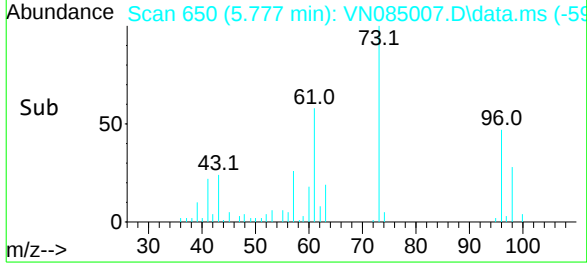
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



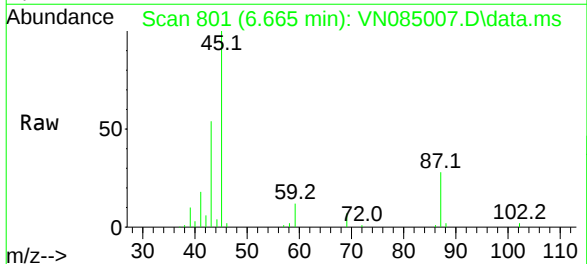
Tgt Ion: 96 Resp: 38088
Ion Ratio Lower Upper
96 100
61 124.5 100.7 151.1
98 60.0 45.8 68.6

Manual Integrations
APPROVED

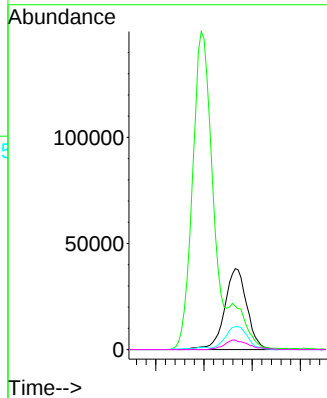
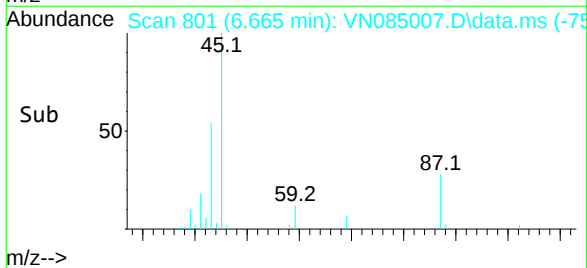
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024

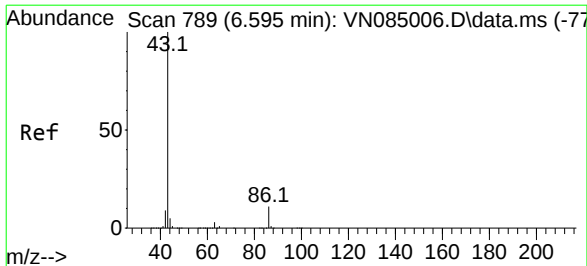


#22
Diisopropyl ether
Concen: 20.162 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10



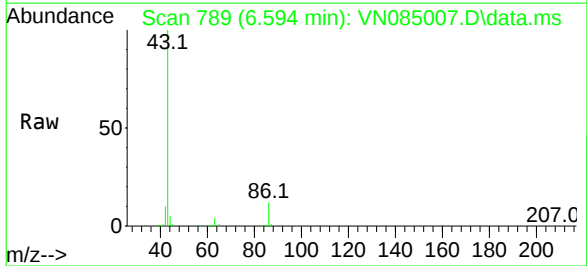
Tgt Ion: 45 Resp: 122443
Ion Ratio Lower Upper
45 100
43 52.2 42.7 64.1
87 28.2 22.6 34.0
59 11.8 9.9 14.9





#23
Vinyl Acetate
Concen: 102.948 ug/l
RT: 6.594 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

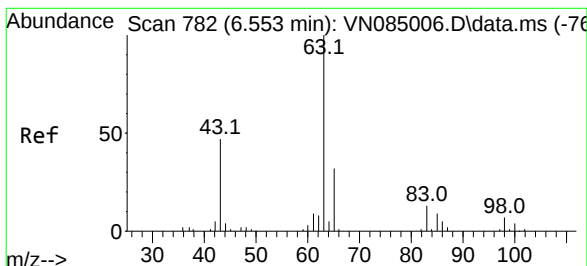
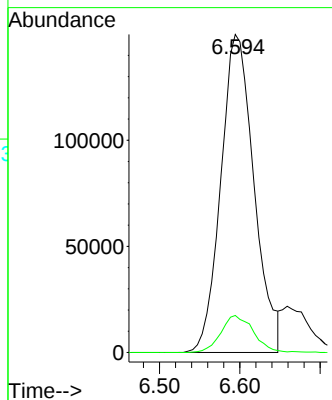
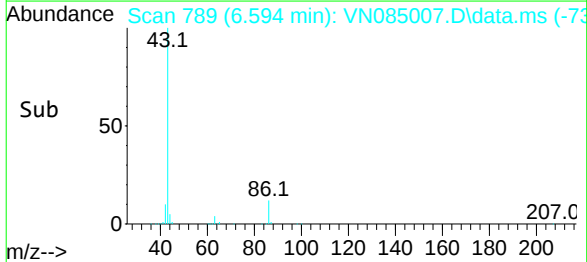
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



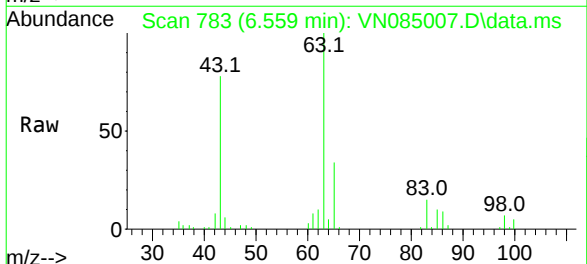
Tgt Ion: 43 Resp: 431313
Ion Ratio Lower Upper
43 100
86 11.6 8.9 13.3

Manual Integrations
APPROVED

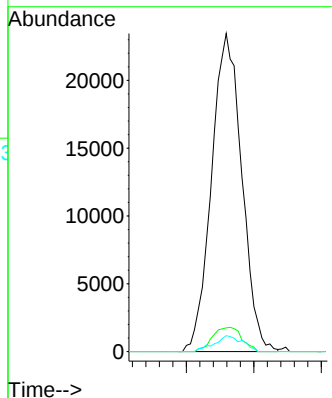
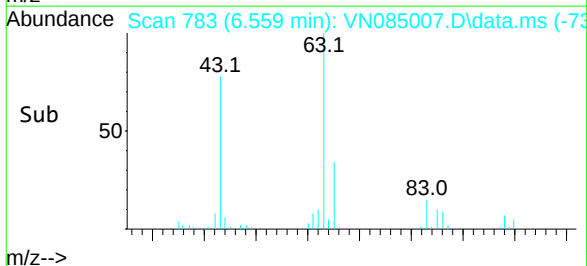
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024

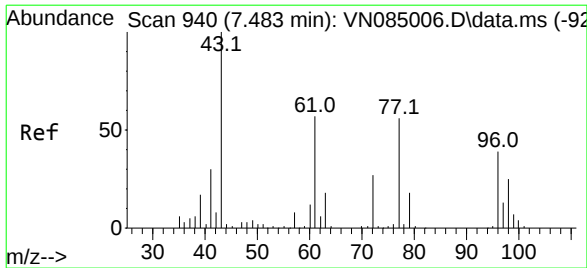


#24
1,1-Dichloroethane
Concen: 20.116 ug/l
RT: 6.559 min Scan# 783
Delta R.T. 0.006 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10



Tgt Ion: 63 Resp: 73105
Ion Ratio Lower Upper
63 100
98 7.4 3.3 9.8
100 5.0 2.2 6.6





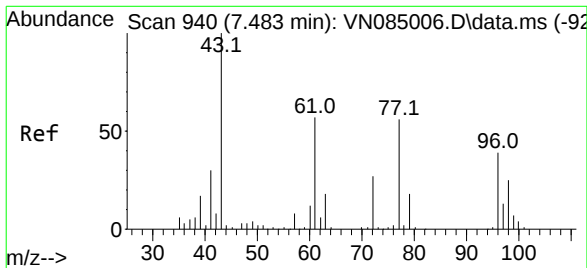
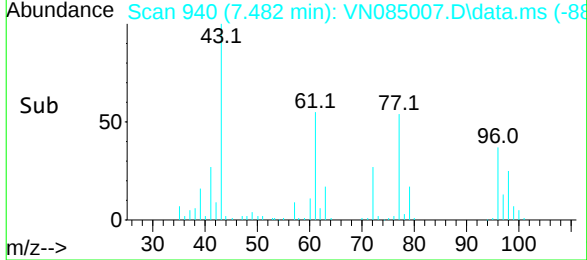
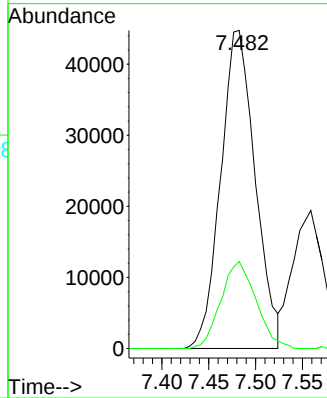
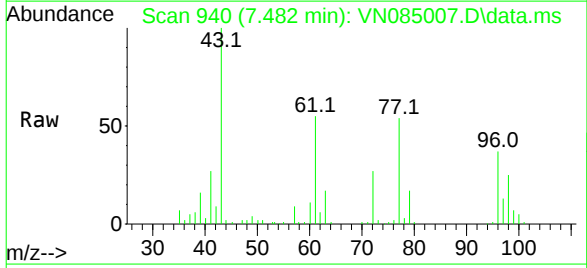
#25
2-Butanone
Concen: 100.226 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 114635
Ion Ratio Lower Upper
43 100
72 27.4 21.4 32.0

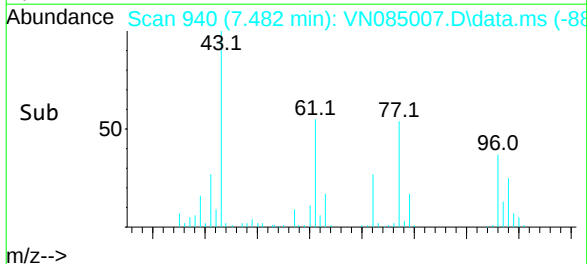
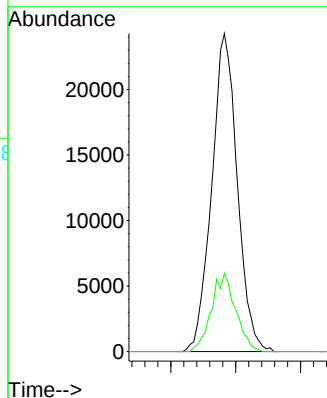
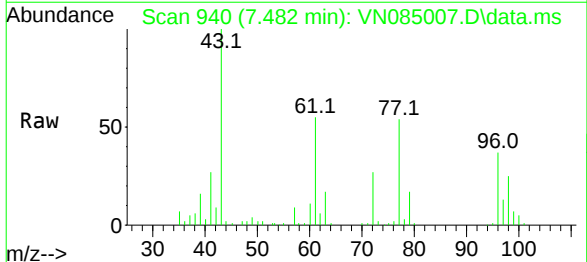
Manual Integrations
APPROVED

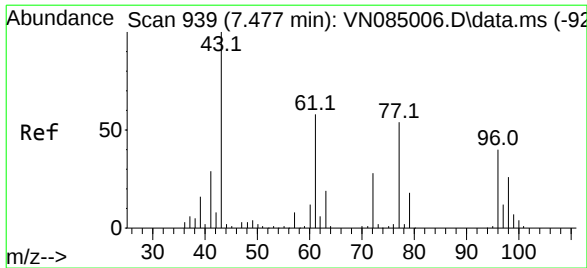
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#26
2,2-Dichloropropane
Concen: 19.517 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

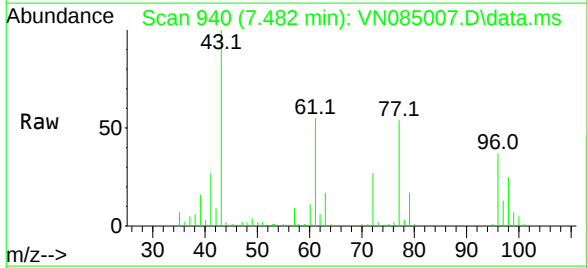
Tgt Ion: 77 Resp: 66230
Ion Ratio Lower Upper
77 100
97 23.4 10.9 32.7





#27
cis-1,2-Dichloroethene
Concen: 19.953 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

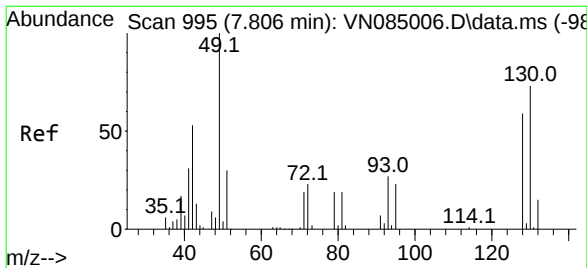
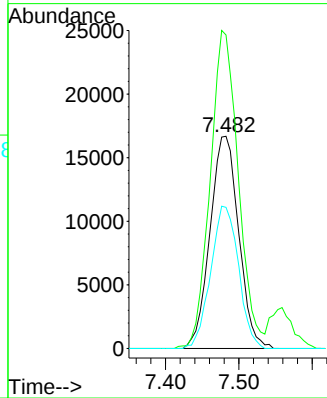
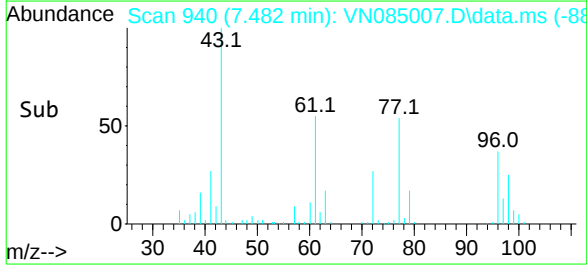
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 45307
Ion Ratio Lower Upper
96 100
61 147.1 0.0 291.6
98 65.1 0.0 129.8

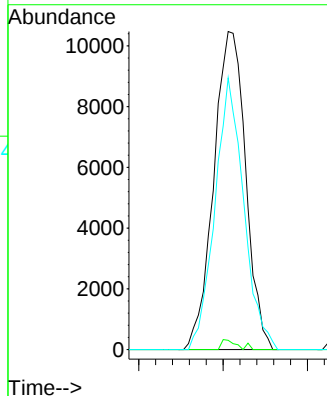
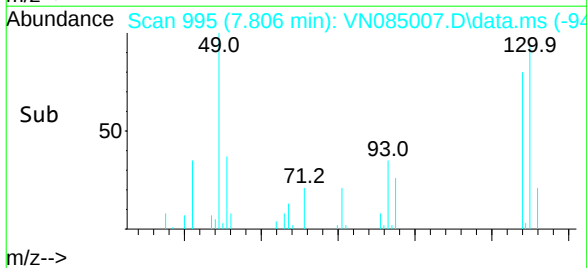
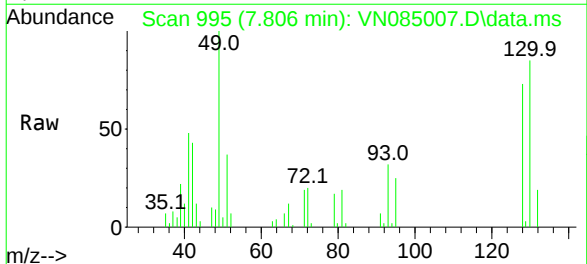
Manual Integrations
APPROVED

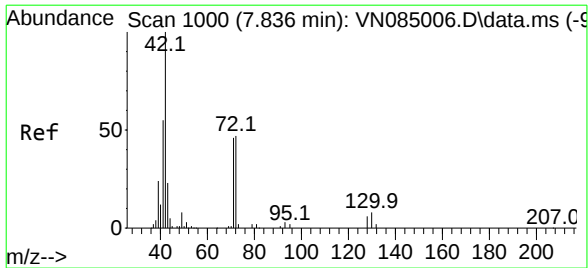
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#28
Bromochloromethane
Concen: 20.092 ug/l
RT: 7.806 min Scan# 995
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Tgt Ion: 49 Resp: 27564
Ion Ratio Lower Upper
49 100
129 1.3 0.0 4.0
130 77.0 60.6 90.8





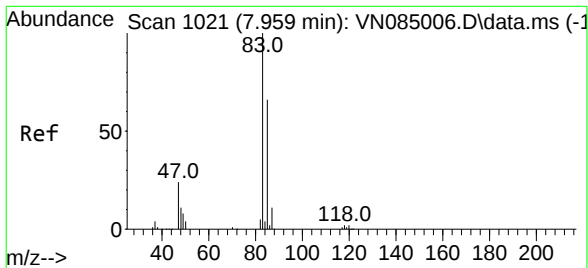
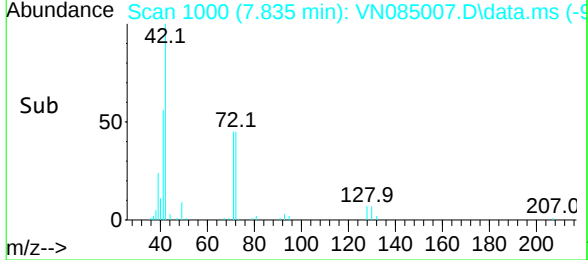
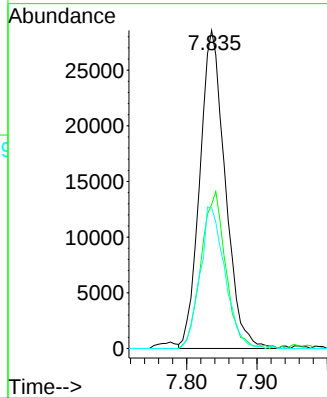
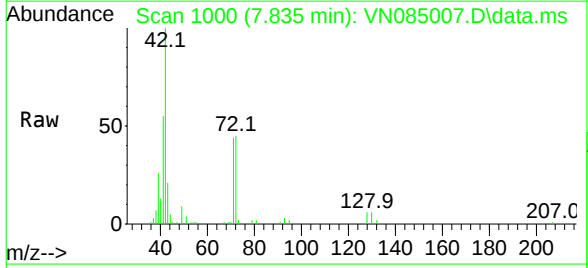
#29
Tetrahydrofuran
Concen: 100.618 ug/l
RT: 7.835 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 42 Resp: 71566
Ion Ratio Lower Upper
42 100
72 47.8 37.0 55.4
71 43.8 35.0 52.4

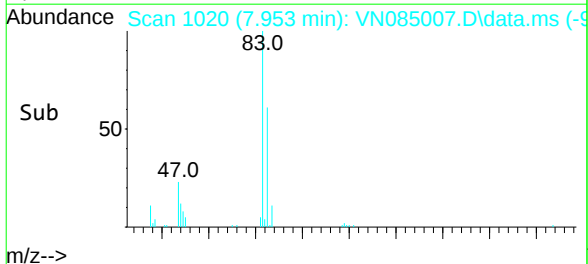
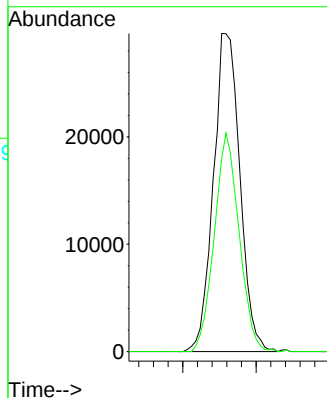
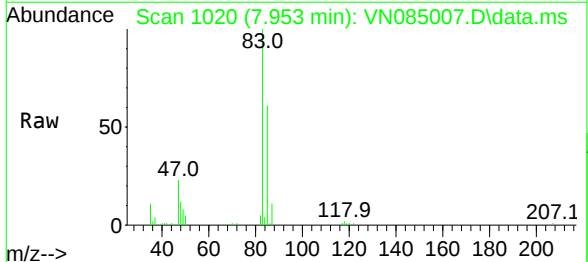
Manual Integrations
APPROVED

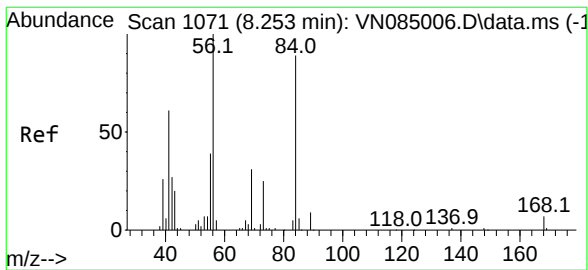
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#30
Chloroform
Concen: 19.270 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. -0.006 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Tgt Ion: 83 Resp: 74495
Ion Ratio Lower Upper
83 100
85 60.8 52.6 78.8





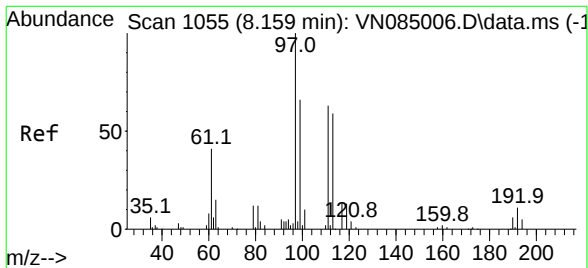
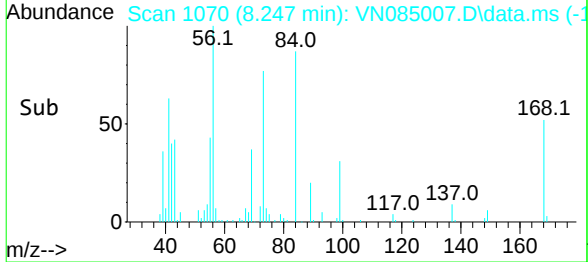
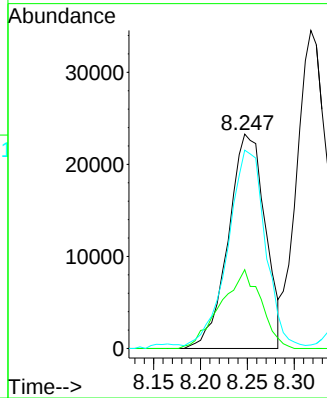
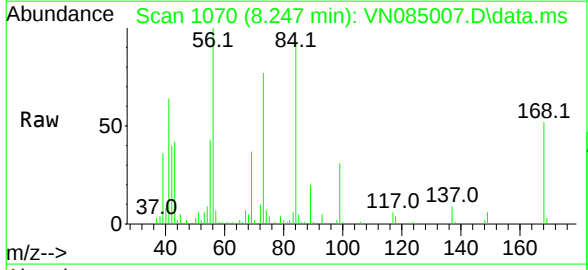
#31
Cyclohexane
Concen: 19.852 ug/l
RT: 8.247 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 63521
Ion Ratio Lower Upper
56 100
69 36.7 24.6 36.8
84 90.7 71.4 107.2

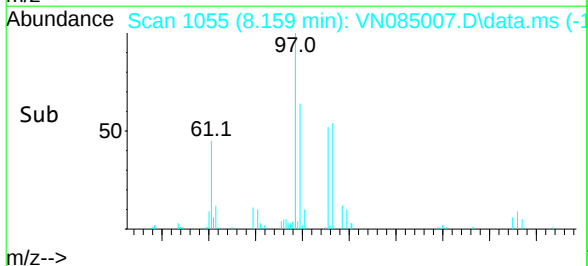
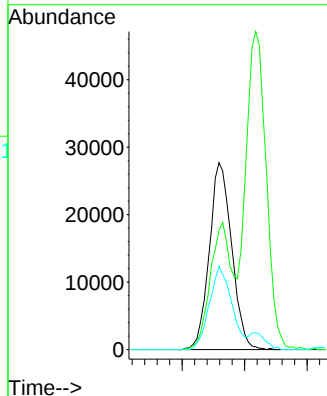
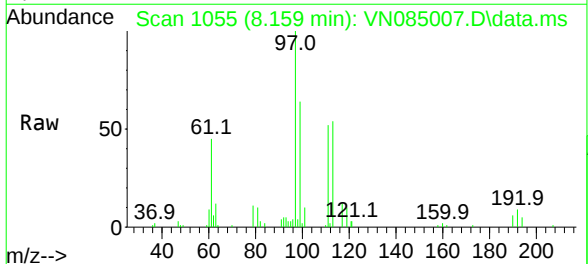
Manual Integrations
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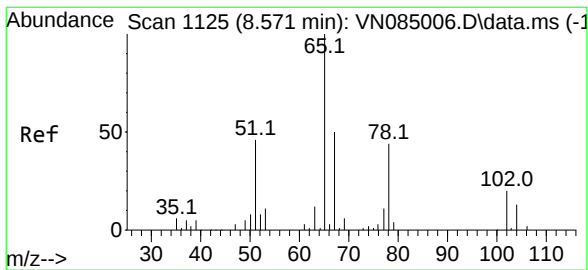
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#32
1,1,1-Trichloroethane
Concen: 19.725 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

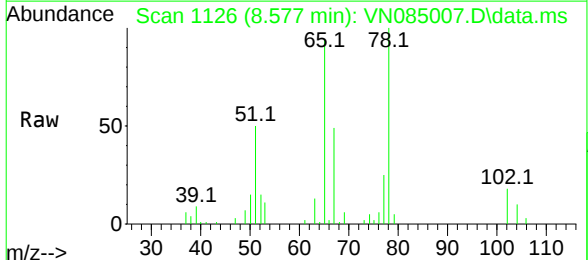
Tgt Ion: 97 Resp: 68908
Ion Ratio Lower Upper
97 100
99 67.5 51.0 76.4
61 44.3 36.2 54.2





#33
 1,2-Dichloroethane-d4
 Concen: 18.483 ug/l
 RT: 8.577 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: VN085007.D
 Acq: 22 Nov 2024 12:10

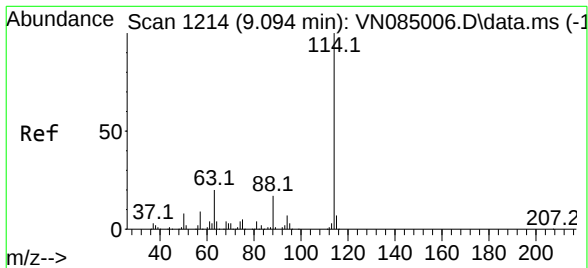
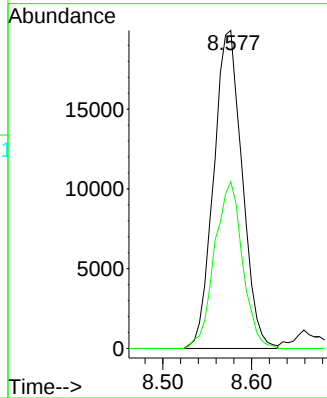
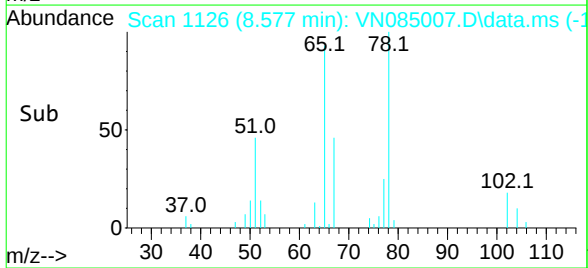
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020



Tgt Ion: 65 Resp: 44399
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 105.0

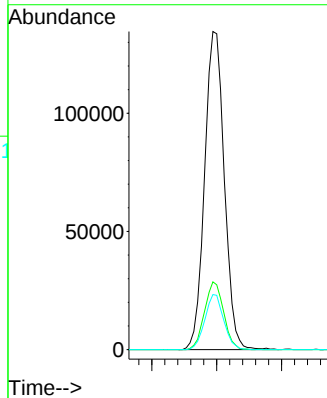
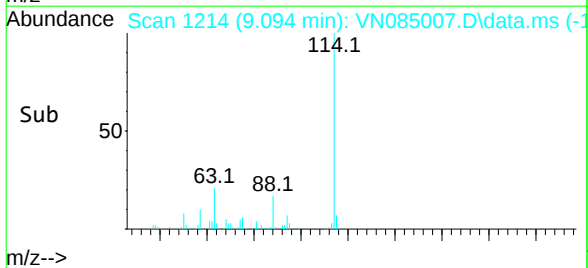
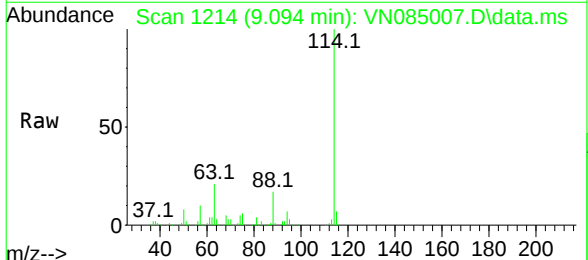
Manual Integrations
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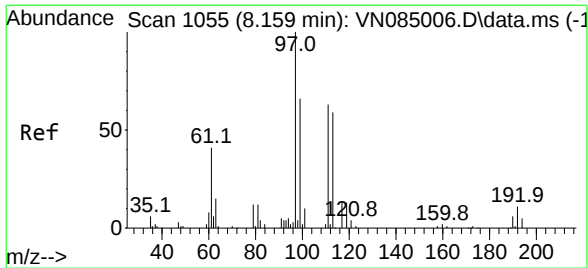
Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/25/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. -0.000 min
 Lab File: VN085007.D
 Acq: 22 Nov 2024 12:10

Tgt Ion:114 Resp: 283685
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 41.0
 88 17.3 0.0 34.8





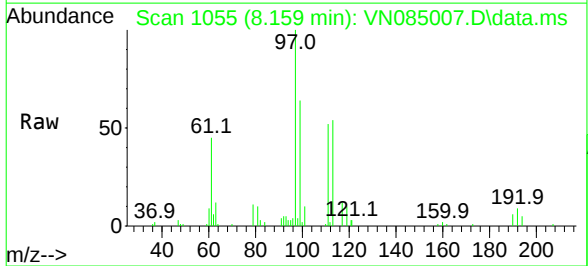
#35
 Dibromofluoromethane
 Concen: 18.466 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VN085007.D
 Acq: 22 Nov 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020



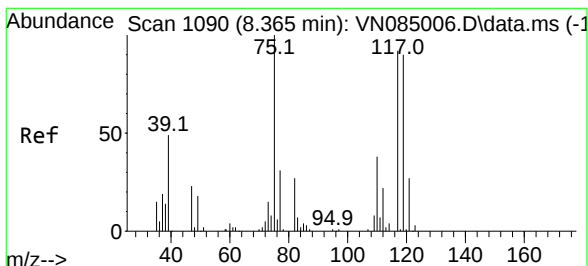
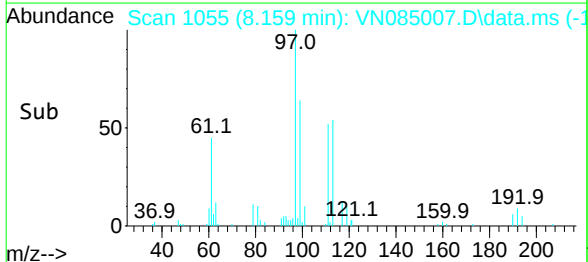
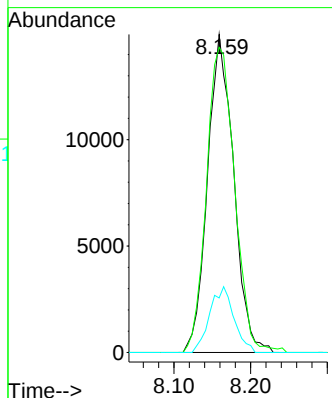
Tgt Ion:	113	Resp:	35327
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.0	123.0
192	19.2	14.8	22.2

Manual Integrations

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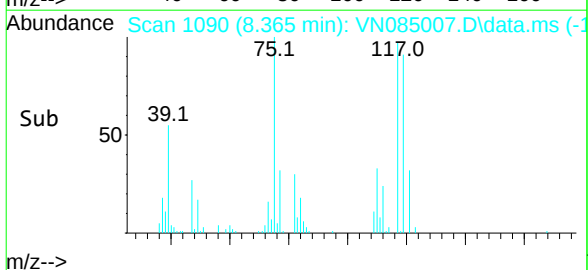
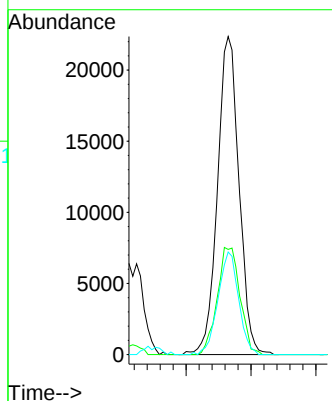
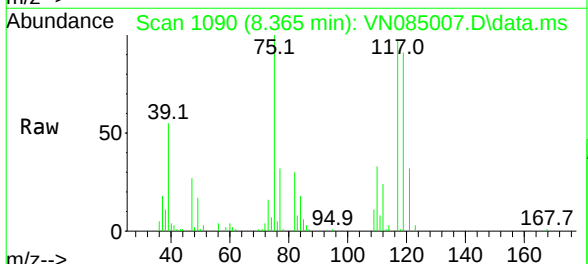
Reviewed By :John Carlone 11/25/2024

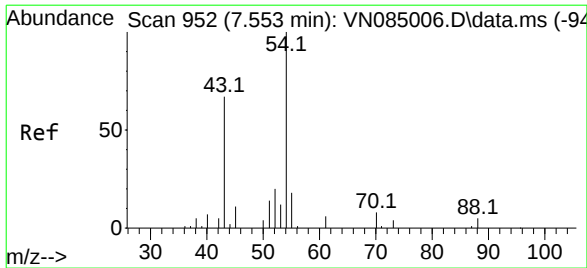
Supervised By :Mahesh Dadoda 11/25/2024



#36
 1,1-Dichloropropene
 Concen: 19.888 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. -0.000 min
 Lab File: VN085007.D
 Acq: 22 Nov 2024 12:10

Tgt Ion:	75	Resp:	51535
Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.2	51.6
77	30.9	24.2	36.4





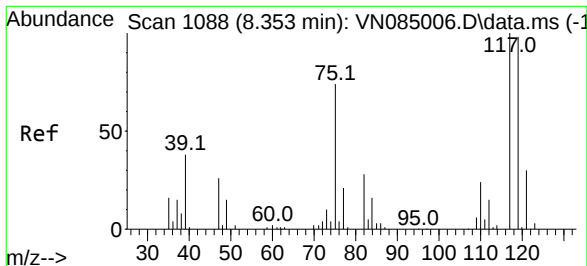
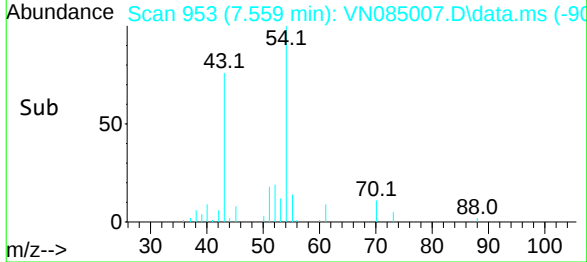
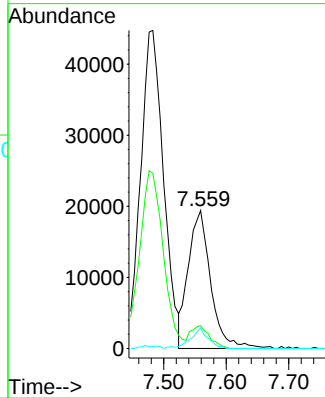
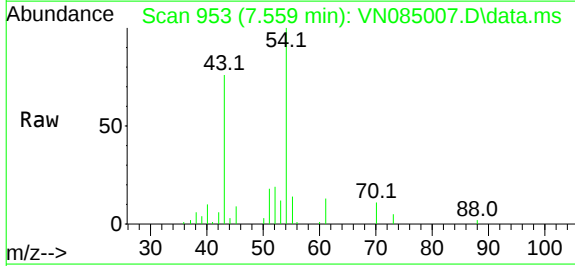
#37
Ethyl Acetate
Concen: 20.561 ug/l
RT: 7.559 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 48436
Ion Ratio Lower Upper
43 100
61 14.0 11.7 17.5
70 11.7 9.3 13.9

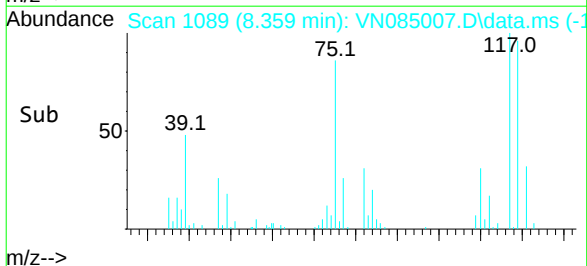
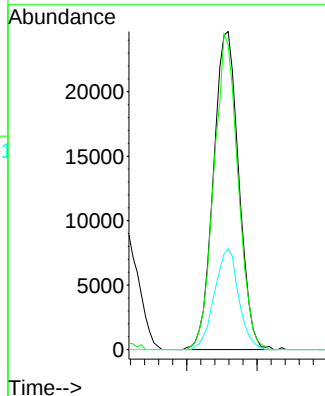
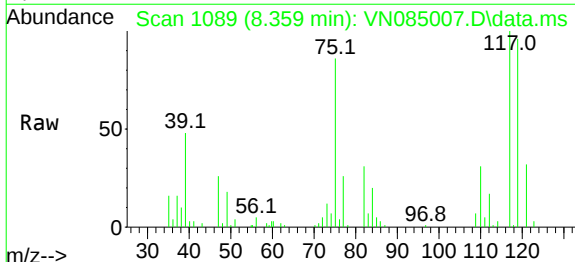
Manual Integrations
APPROVED

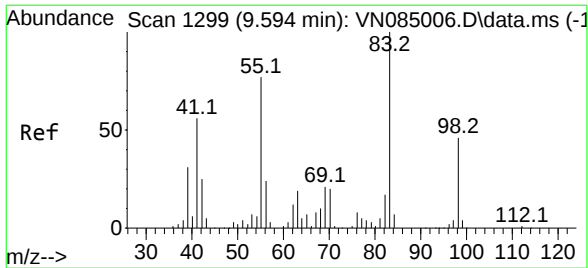
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#38
Carbon Tetrachloride
Concen: 20.593 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

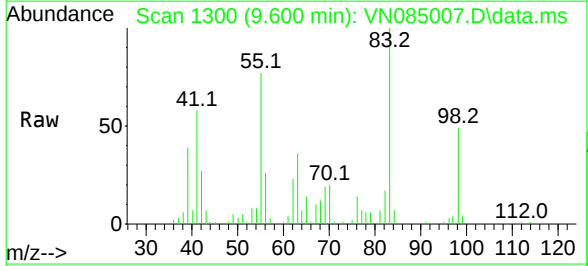
Tgt Ion:117 Resp: 61594
Ion Ratio Lower Upper
117 100
119 95.7 78.6 117.8
121 31.7 24.2 36.2





#39
Methylcyclohexane
Concen: 20.464 ug/l
RT: 9.600 min Scan# 1310
Delta R.T. 0.006 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

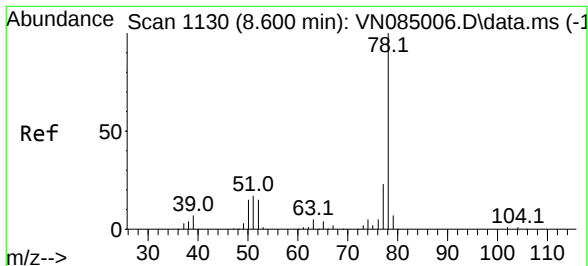
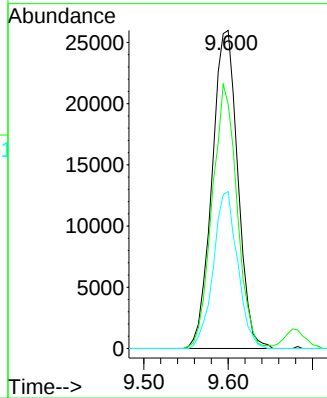
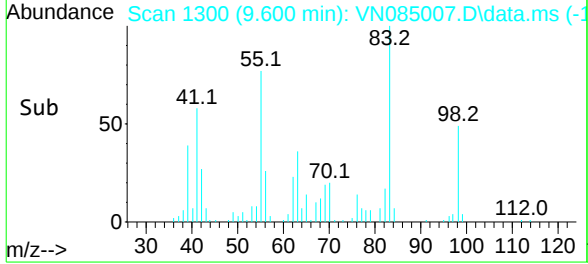
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 55102
Ion Ratio Lower Upper
83 100
55 76.9 61.8 92.6
98 49.4 37.0 55.6

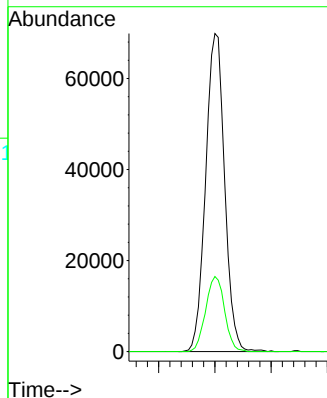
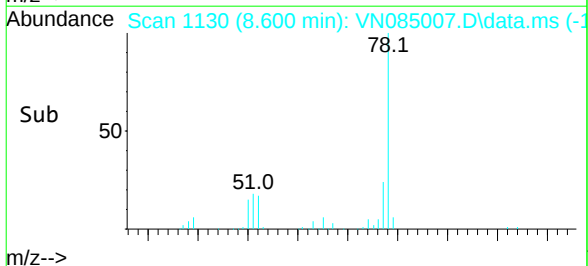
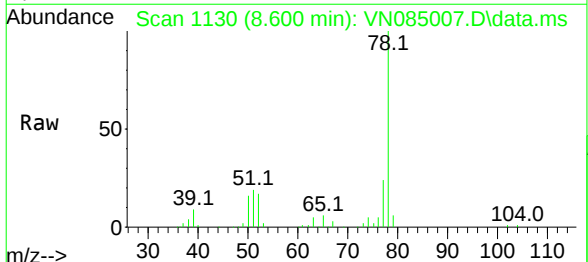
Manual Integrations
APPROVED

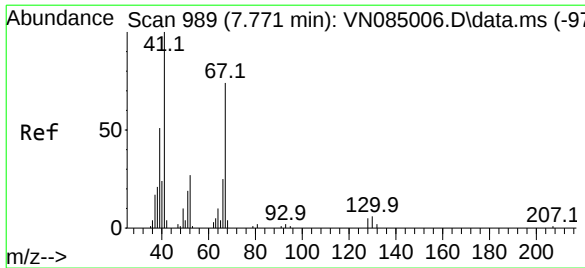
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#40
Benzene
Concen: 19.977 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Tgt Ion: 78 Resp: 163727
Ion Ratio Lower Upper
78 100
77 23.6 18.5 27.7





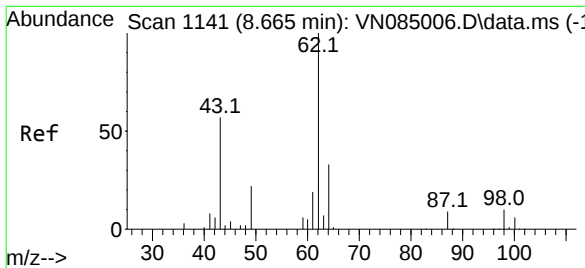
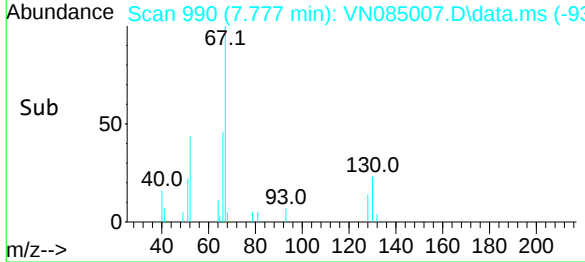
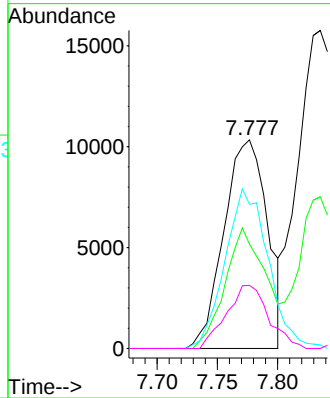
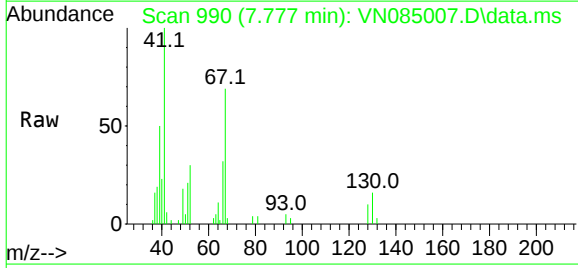
#41
Methacrylonitrile
Concen: 19.942 ug/l
RT: 7.777 min Scan# 99
Delta R.T. 0.006 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 41	Resp: 26011
Ion Ratio	Lower Upper
41 100	
39 53.0	42.6 63.8
67 75.9	59.9 89.9
52 29.2	24.8 37.2

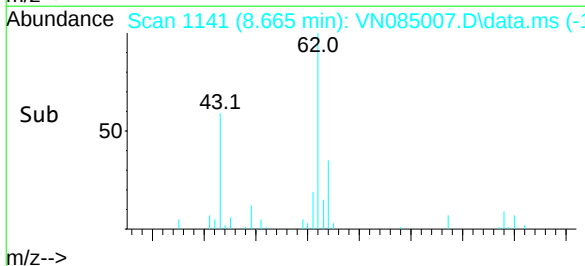
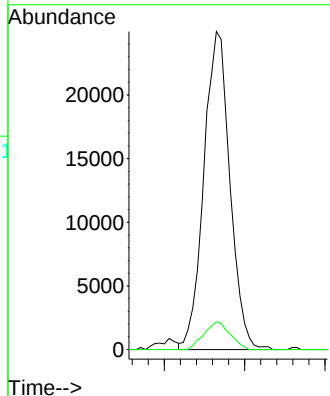
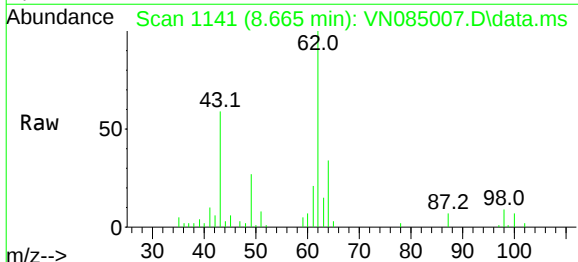
Manual Integrations
APPROVED

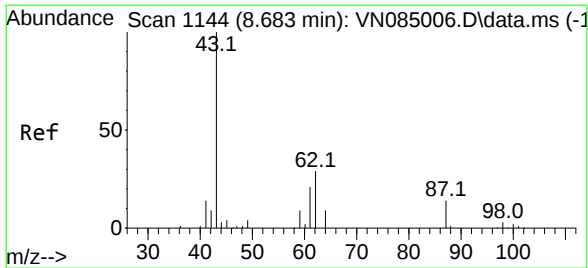
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#42
1,2-Dichloroethane
Concen: 20.106 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Tgt Ion: 62	Resp: 56374
Ion Ratio	Lower Upper
62 100	
98 8.7	0.0 18.2





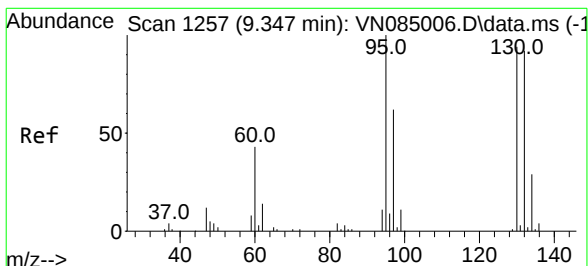
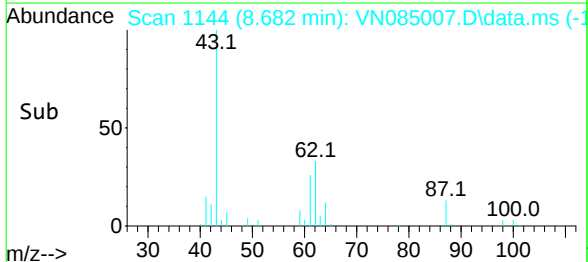
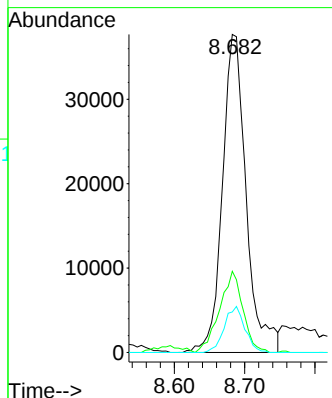
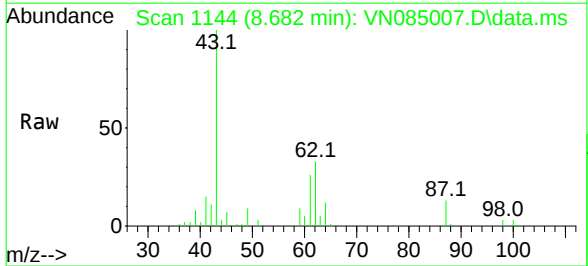
#43
Isopropyl Acetate
Concen: 18.116 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43	Resp: 88647
Ion Ratio	Lower Upper
43 100	
61 25.1	20.6 30.8
87 12.6	11.0 16.4

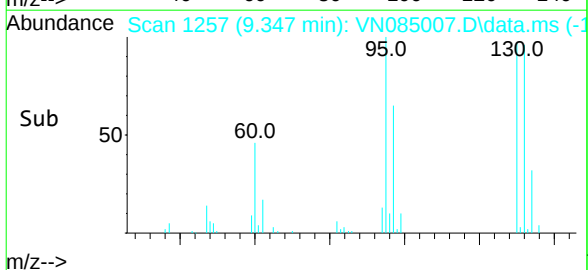
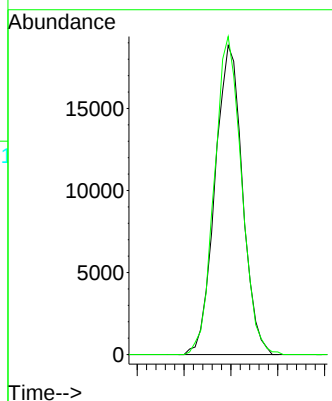
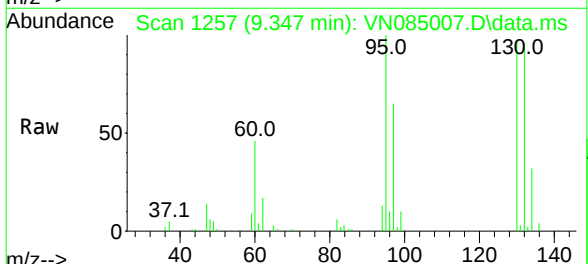
Manual Integrations
APPROVED

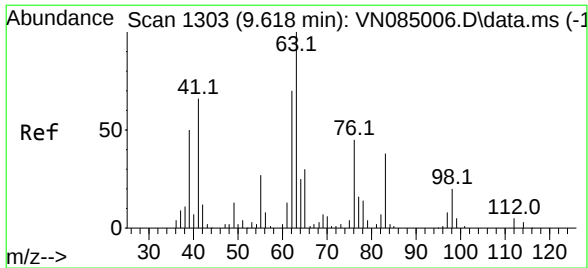
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#44
Trichloroethene
Concen: 20.127 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Tgt Ion:130	Resp: 38334
Ion Ratio	Lower Upper
130 100	
95 102.9	0.0 213.4





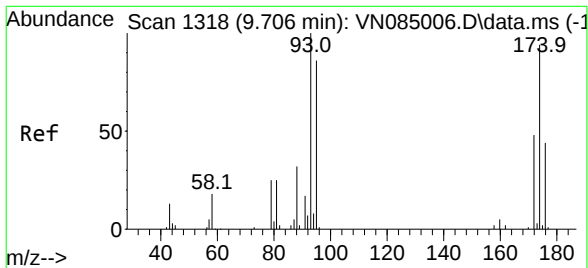
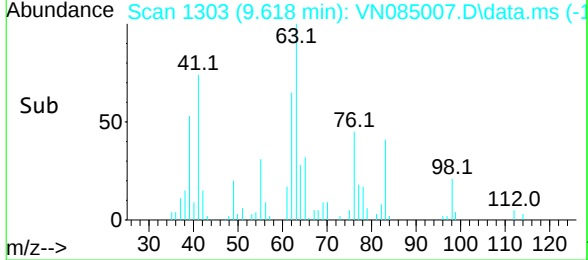
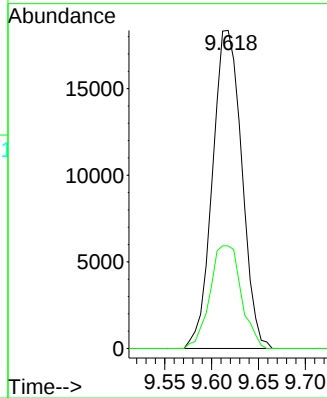
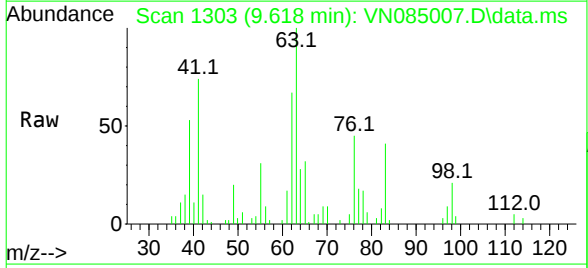
#45
1,2-Dichloropropane
Concen: 19.742 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 39852
Ion Ratio Lower Upper
63 100
65 32.2 24.0 36.0

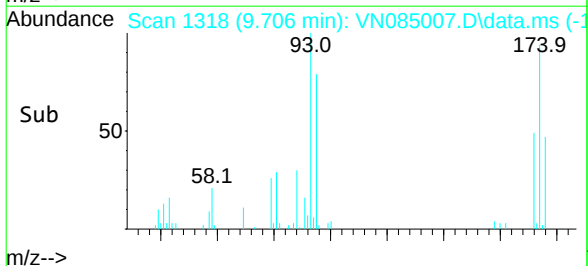
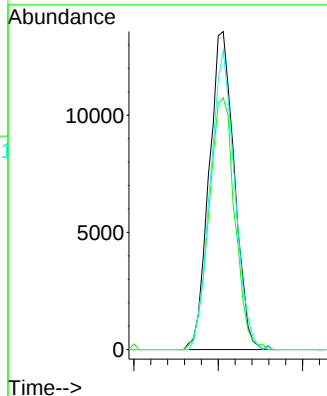
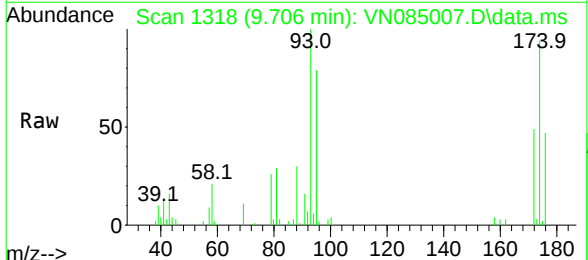
Manual Integrations
APPROVED

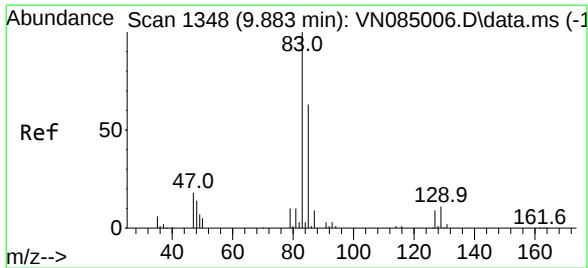
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#46
Dibromomethane
Concen: 20.062 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Tgt Ion: 93 Resp: 28140
Ion Ratio Lower Upper
93 100
95 81.2 66.2 99.4
174 91.4 74.9 112.3





#47
 Bromodichloromethane
 Concen: 19.849 ug/l
 RT: 9.882 min Scan# 1348
 Delta R.T. -0.000 min
 Lab File: VN085007.D
 Acq: 22 Nov 2024 12:10

Instrument :

MSVOA_N

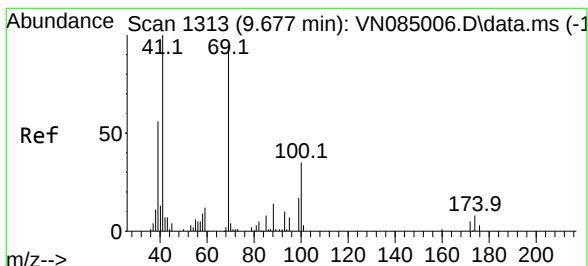
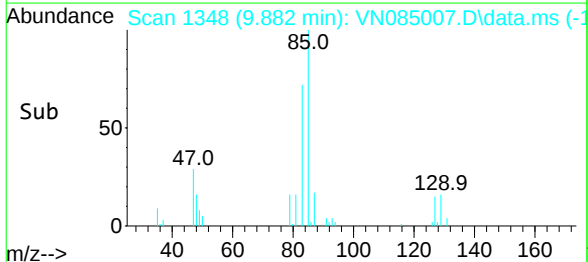
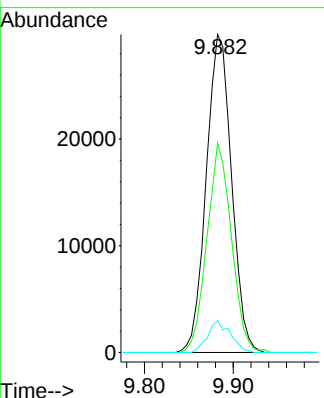
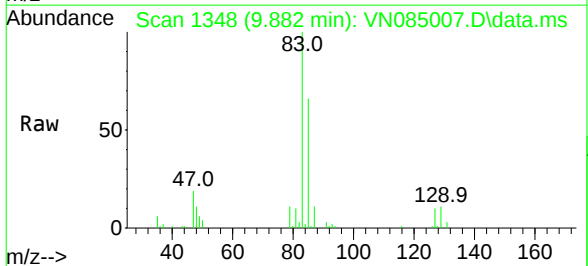
ClientSampleId :

VSTDIC020

Tgt Ion:	83	Resp:	59008
Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.5	75.7
127	10.0	7.1	10.7

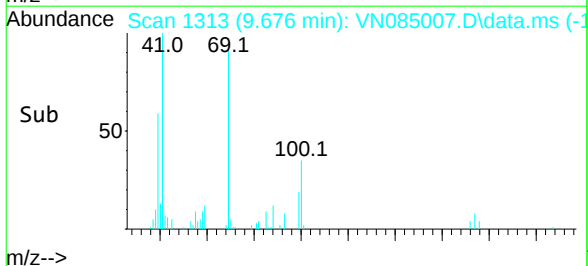
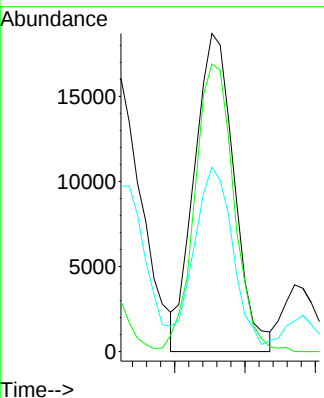
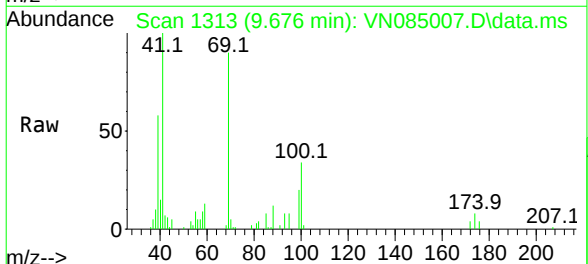
Manual Integrations
 APPROVED

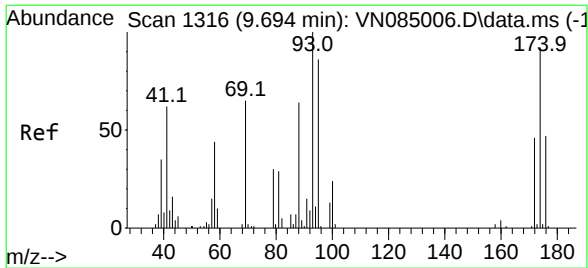
Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/25/2024



#48
 Methyl methacrylate
 Concen: 20.148 ug/l
 RT: 9.676 min Scan# 1313
 Delta R.T. -0.000 min
 Lab File: VN085007.D
 Acq: 22 Nov 2024 12:10

Tgt Ion:	41	Resp:	36687
Ion	Ratio	Lower	Upper
41	100		
69	89.2	73.2	109.8
39	56.9	46.2	69.4





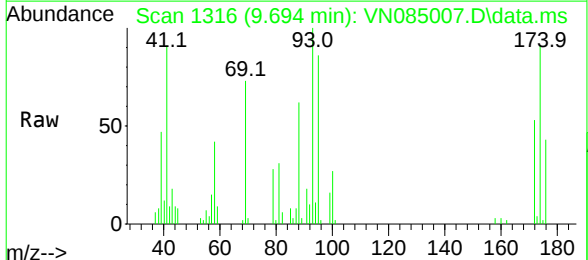
#49
1,4-Dioxane
Concen: 410.958 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :

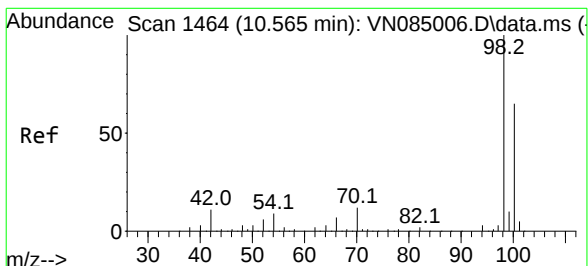
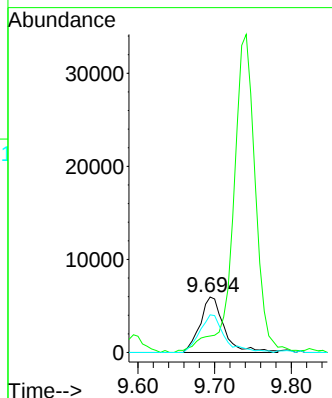
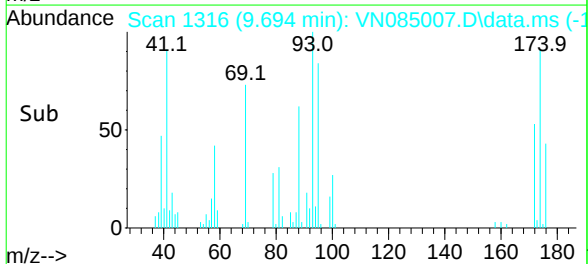
VSTDICC020



Tgt Ion: 88 Resp: 12977
Ion Ratio Lower Upper
88 100
43 0.0 16.7 25.1#
58 70.3 56.5 84.7

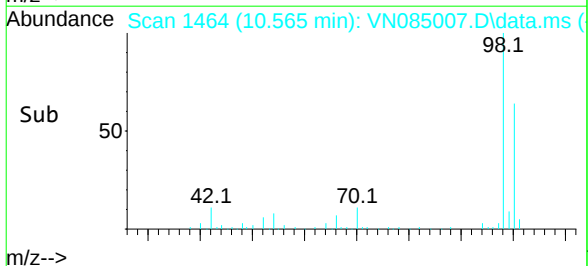
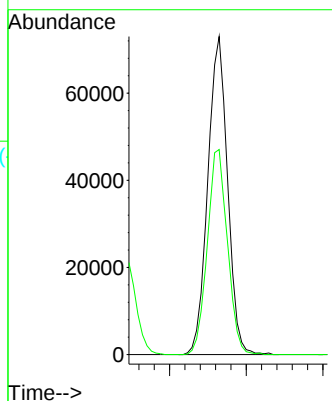
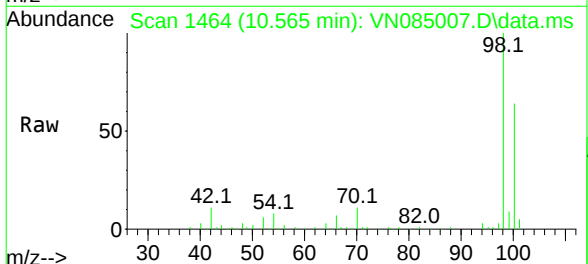
Manual Integrations
APPROVED

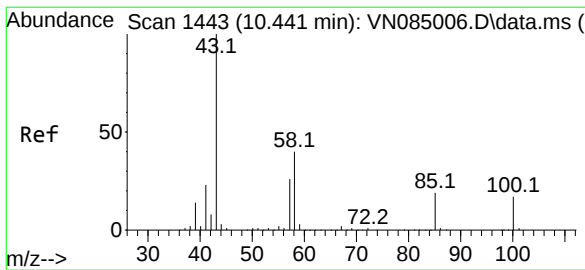
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#50
Toluene-d8
Concen: 19.066 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Tgt Ion: 98 Resp: 130719
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7





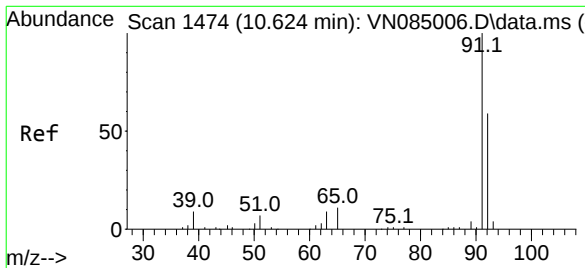
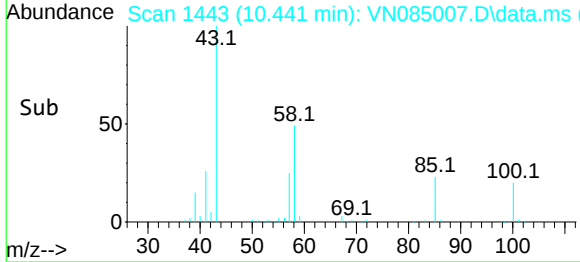
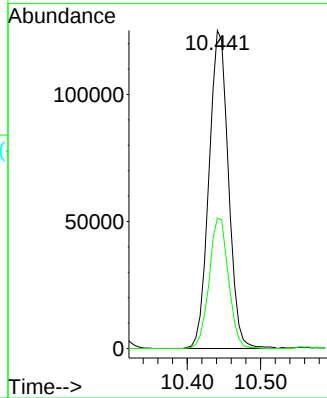
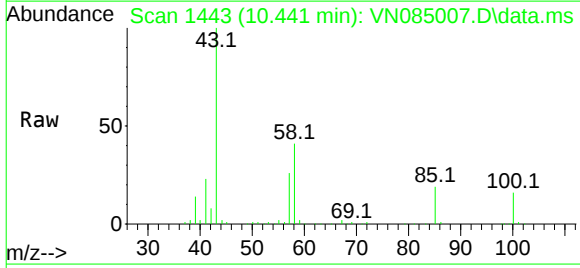
#51
4-Methyl-2-Pentanone
Concen: 103.015 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 230239
Ion Ratio Lower Upper
43 100
58 40.7 32.1 48.1

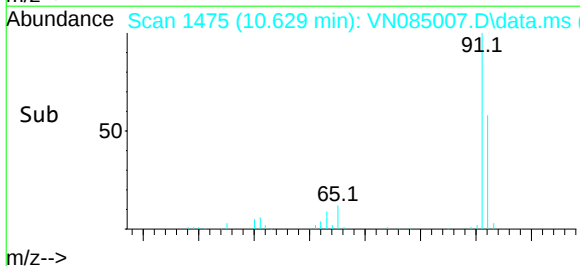
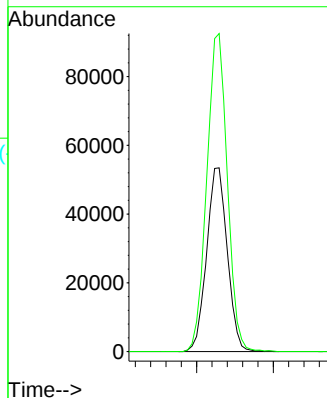
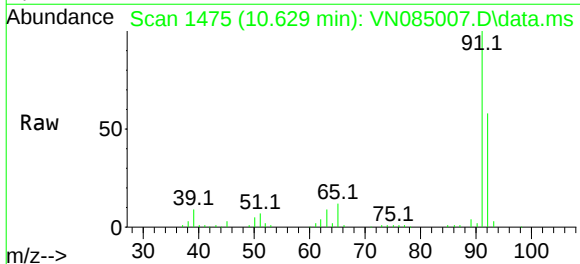
Manual Integrations
APPROVED

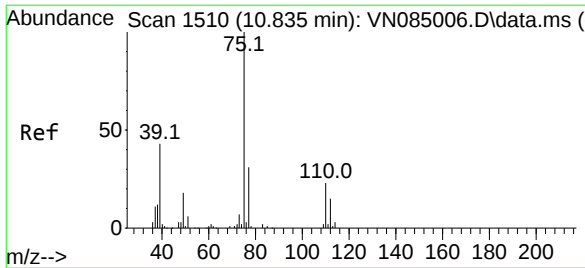
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#52
Toluene
Concen: 20.615 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Tgt Ion: 92 Resp: 100021
Ion Ratio Lower Upper
92 100
91 171.9 136.7 205.1





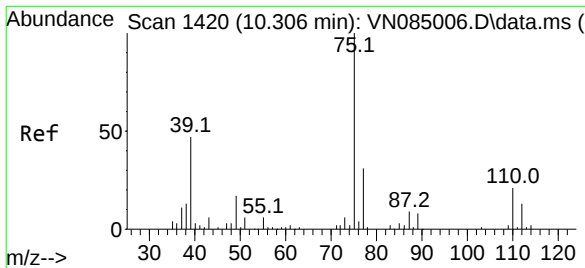
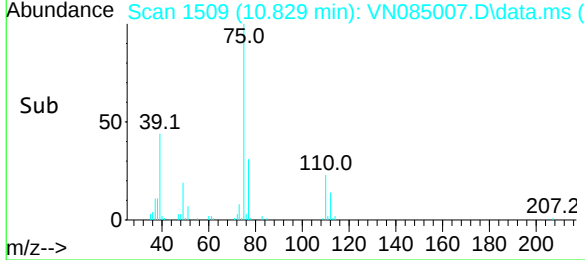
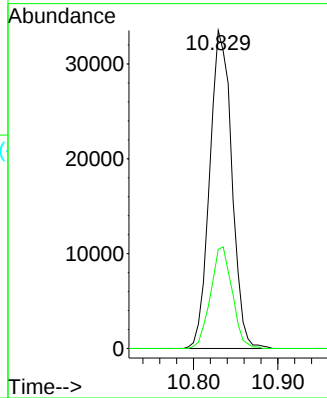
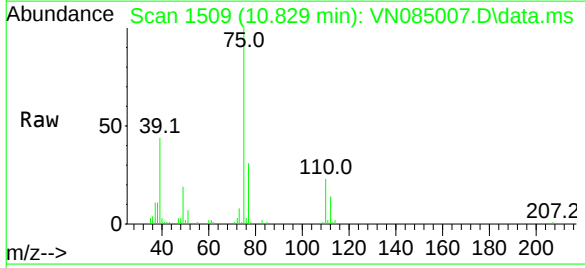
#53
t-1,3-Dichloropropene
Concen: 20.539 ug/l
RT: 10.829 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 61215
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.4

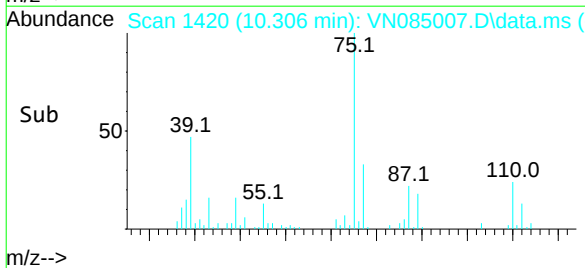
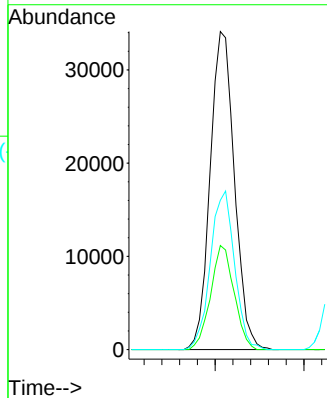
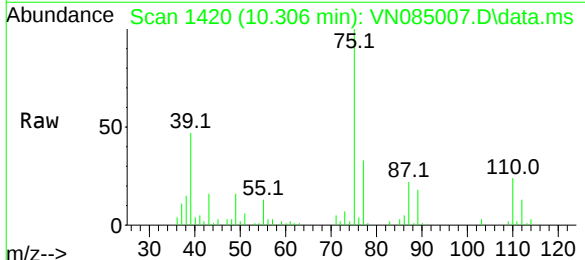
Manual Integrations
APPROVED

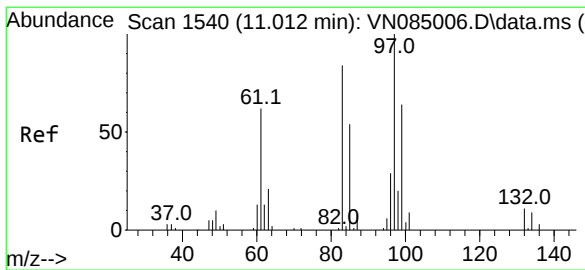
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#54
cis-1,3-Dichloropropene
Concen: 20.501 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

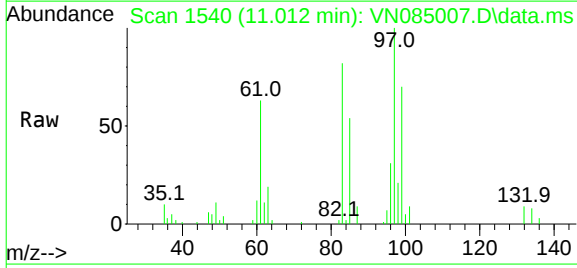
Tgt Ion: 75 Resp: 64823
Ion Ratio Lower Upper
75 100
77 32.7 25.0 37.4
39 47.0 37.6 56.4





#55
1,1,2-Trichloroethane
Concen: 20.326 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

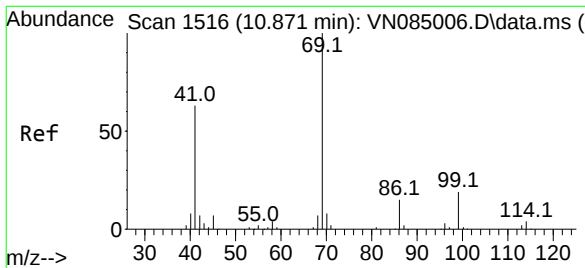
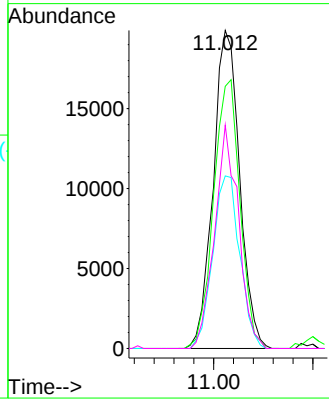
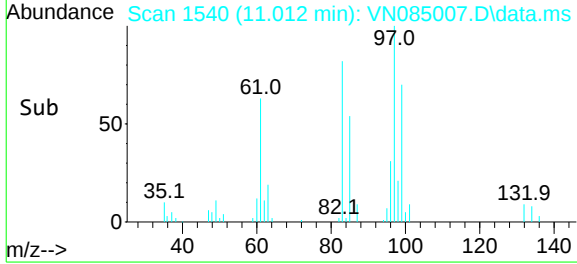
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



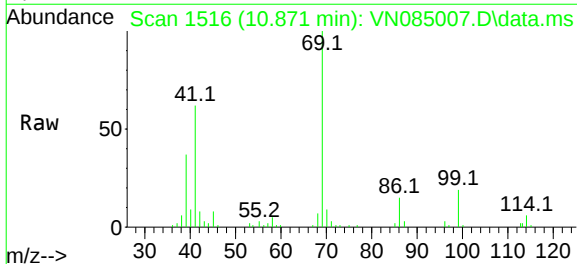
Tgt Ion:	97	Resp:	36732
Ion	Ratio	Lower	Upper
97	100		
83	82.4	67.4	101.2
85	54.3	43.1	64.7
99	70.2	50.9	76.3

Manual Integrations
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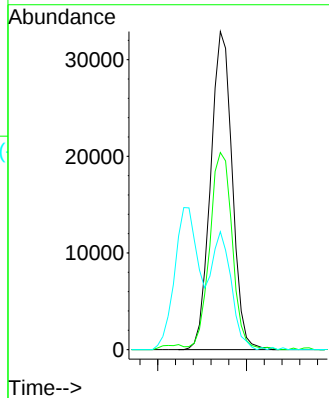
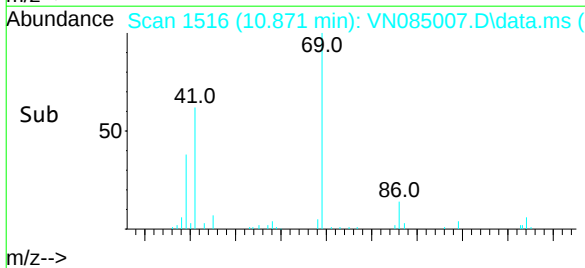
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024

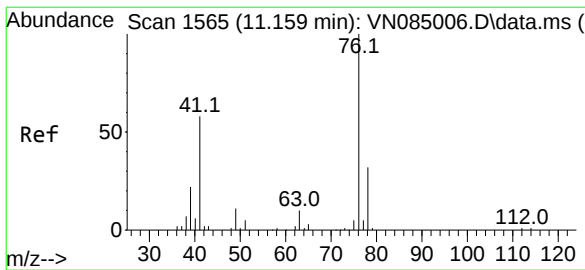


#56
Ethyl methacrylate
Concen: 21.089 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10



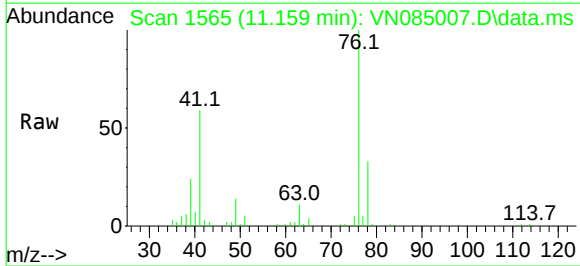
Tgt Ion:	69	Resp:	55691
Ion	Ratio	Lower	Upper
69	100		
41	64.8	50.0	75.0
39	34.2	27.0	40.6





#57
1,3-Dichloropropane
Concen: 19.906 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

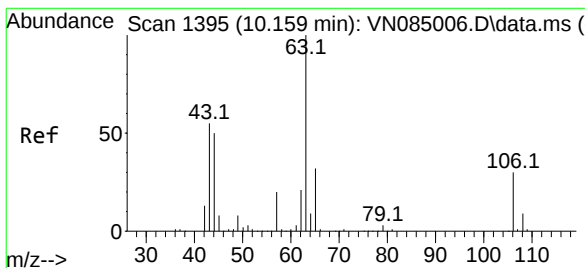
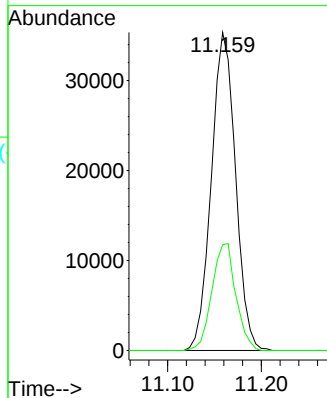
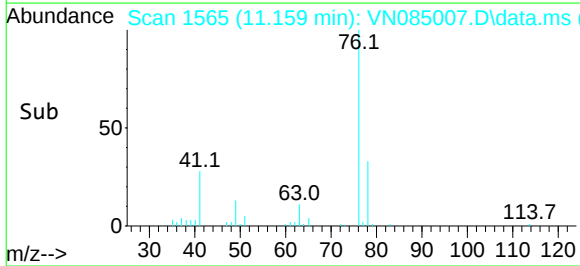
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 76 Resp: 63314
Ion Ratio Lower Upper
76 100
78 33.2 26.1 39.1

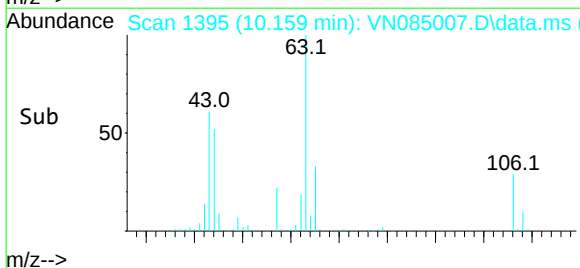
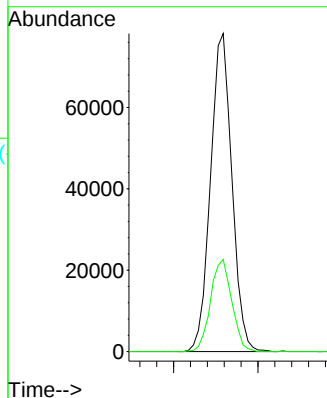
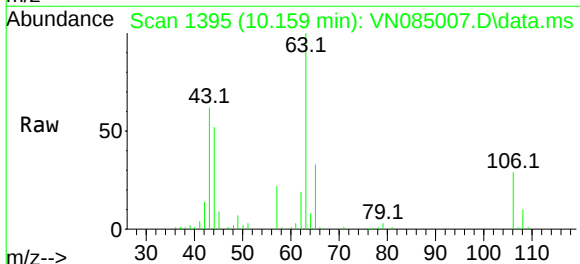
Manual Integrations
APPROVED

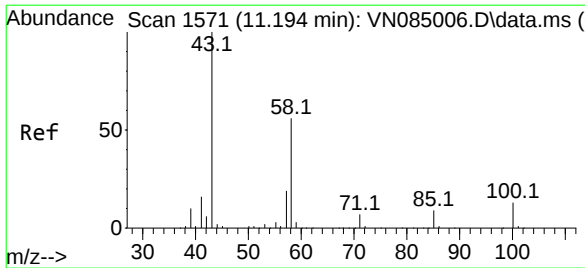
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#58
2-Chloroethyl Vinyl ether
Concen: 106.227 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Tgt Ion: 63 Resp: 137602
Ion Ratio Lower Upper
63 100
106 28.7 23.0 34.6





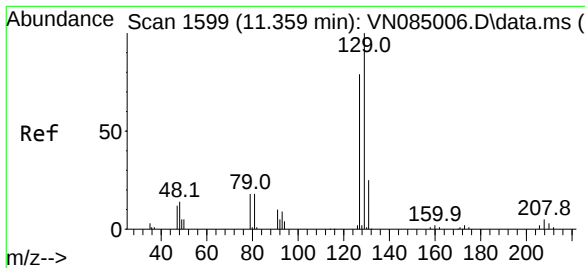
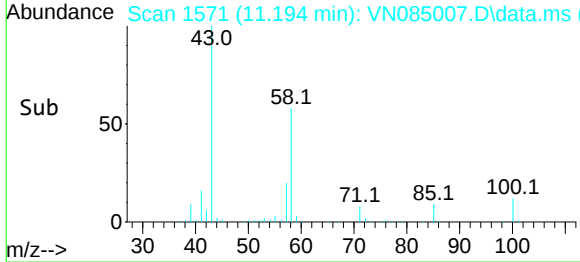
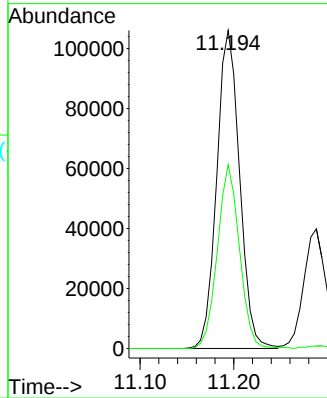
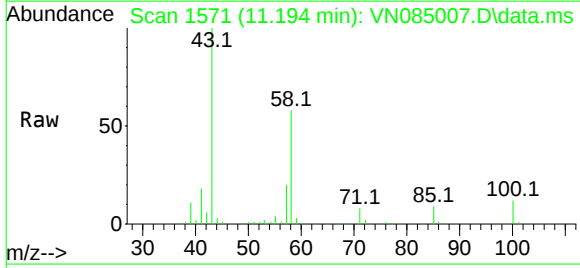
#59
2-Hexanone
Concen: 107.514 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 179717
Ion Ratio Lower Upper
43 100
58 55.7 28.3 85.0

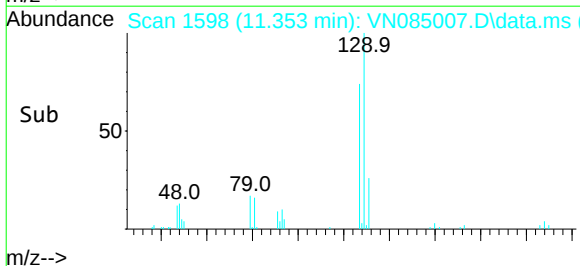
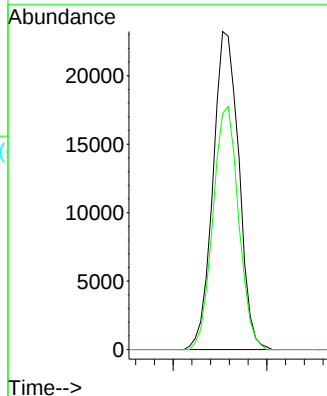
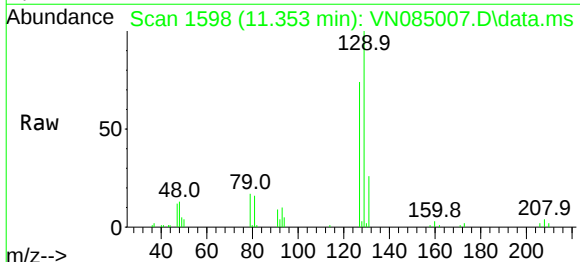
Manual Integrations
APPROVED

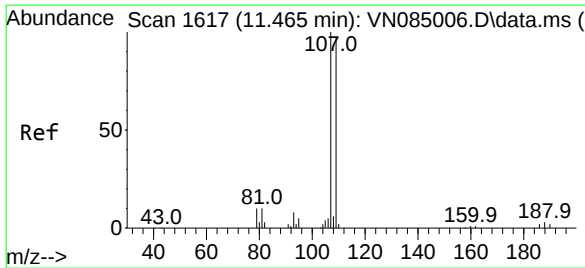
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#60
Dibromochloromethane
Concen: 20.126 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Tgt Ion:129 Resp: 44450
Ion Ratio Lower Upper
129 100
127 75.9 39.2 117.6





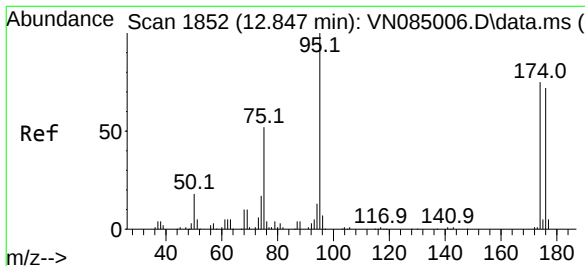
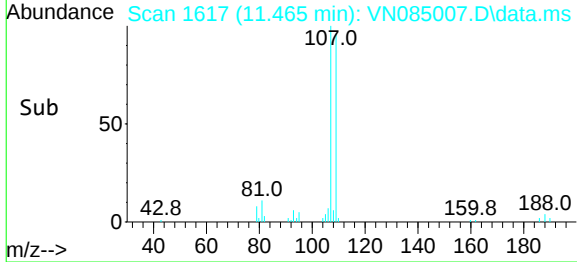
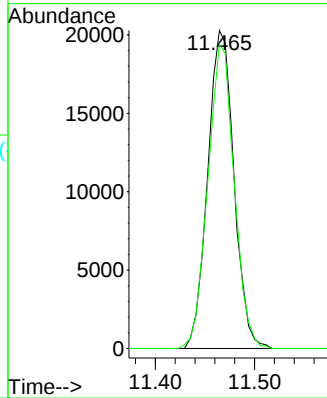
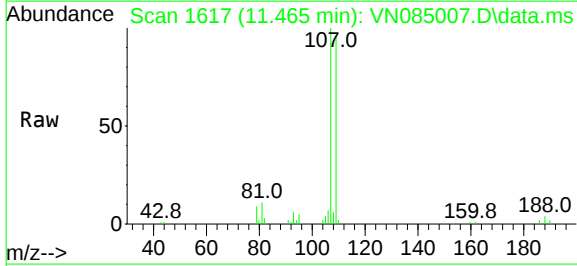
#61
1,2-Dibromoethane
Concen: 19.905 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 107 Resp: 37228
Ion Ratio Lower Upper
107 100
109 96.2 76.1 114.1

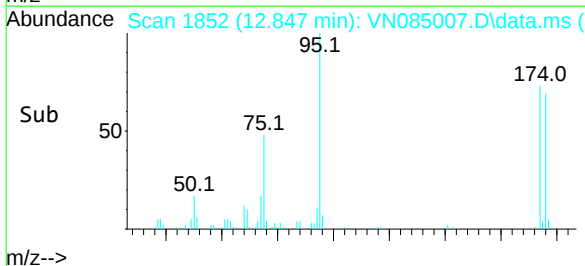
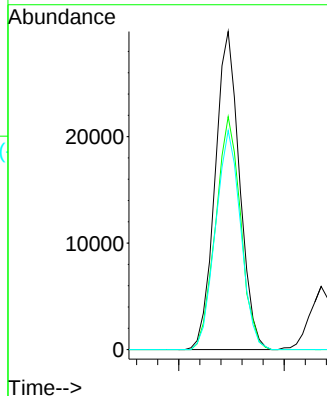
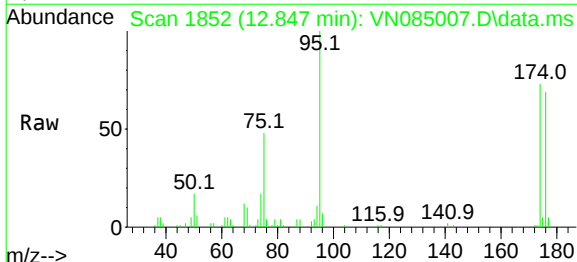
Manual Integrations
APPROVED

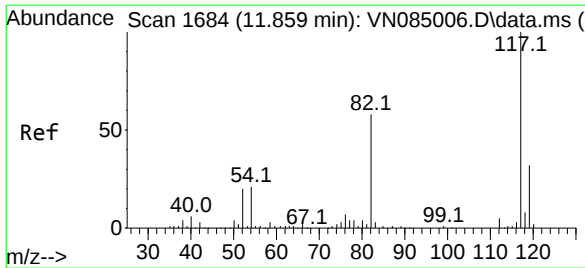
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#62
4-Bromofluorobenzene
Concen: 18.797 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Tgt Ion: 95 Resp: 48193
Ion Ratio Lower Upper
95 100
174 74.7 0.0 146.6
176 70.8 0.0 141.8





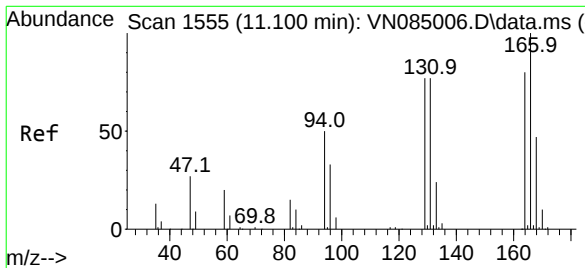
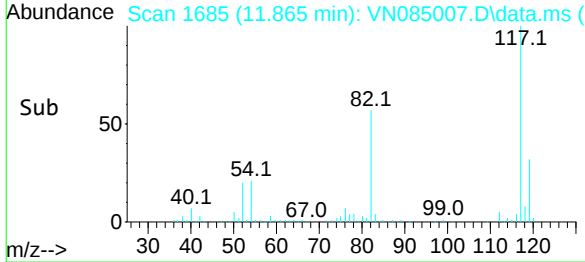
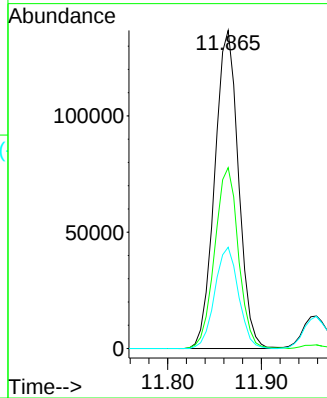
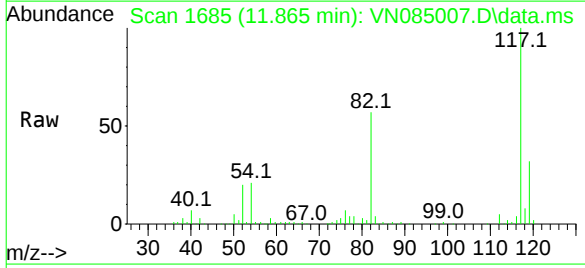
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:	117	Resp:	240895
Ion	Ratio	Lower	Upper
117	100		
82	56.9	46.0	69.0
119	31.8	25.6	38.4

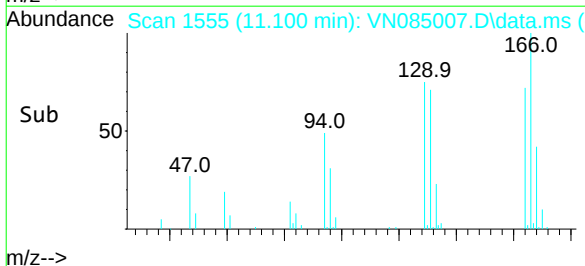
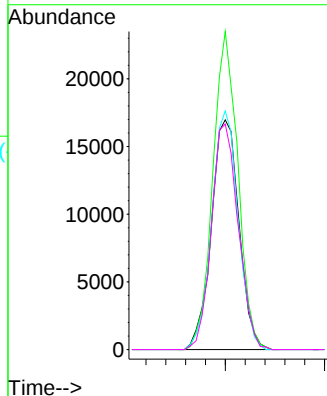
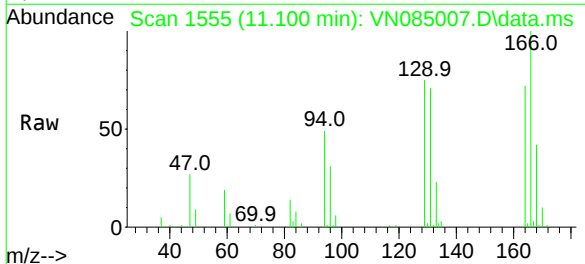
Manual Integrations
APPROVED

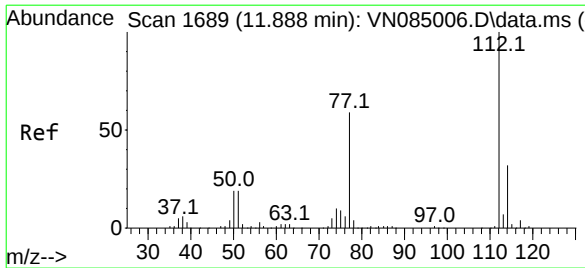
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#64
Tetrachloroethene
Concen: 20.155 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Tgt Ion:	164	Resp:	32716
Ion	Ratio	Lower	Upper
164	100		
166	138.5	100.6	151.0
129	103.9	77.7	116.5
131	98.2	77.2	115.8





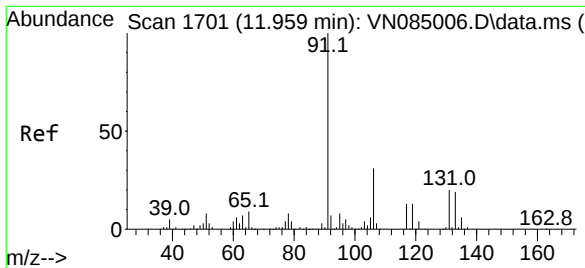
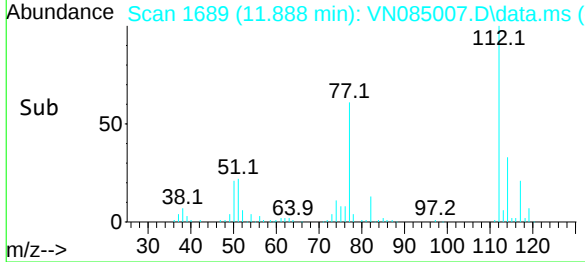
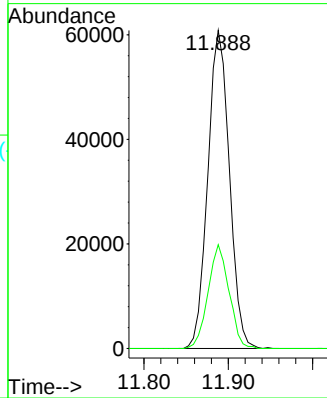
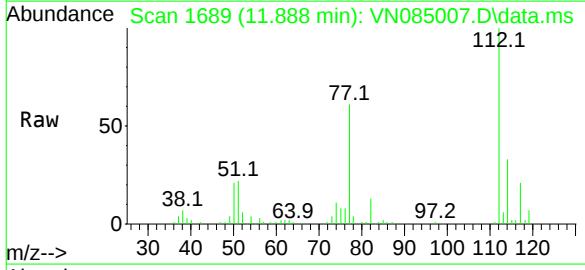
#65
Chlorobenzene
Concen: 19.815 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 108255
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6

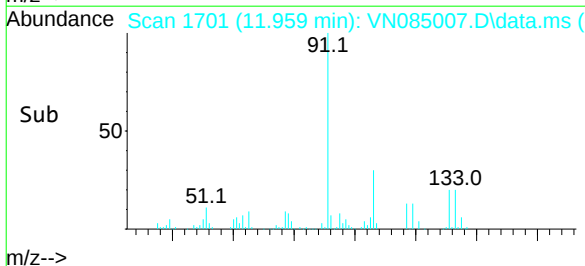
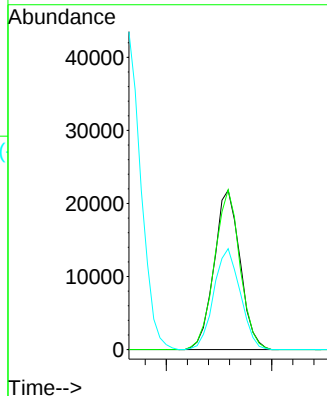
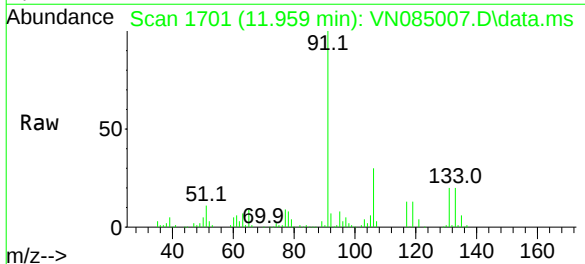
Manual Integrations
APPROVED

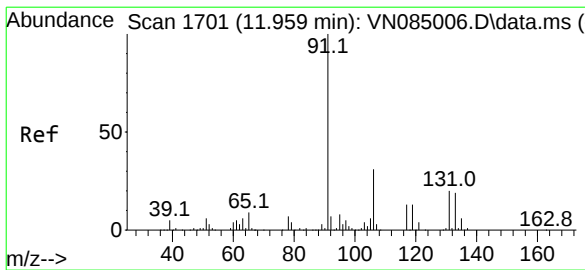
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.446 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Tgt Ion:131 Resp: 37404
Ion Ratio Lower Upper
131 100
133 98.4 47.8 143.4
119 64.4 32.1 96.3





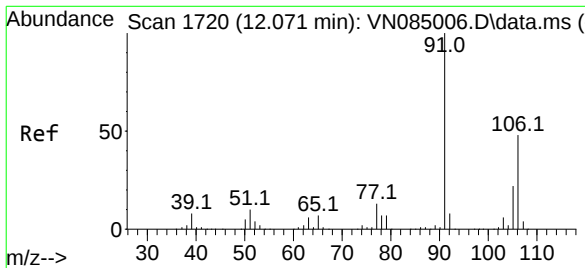
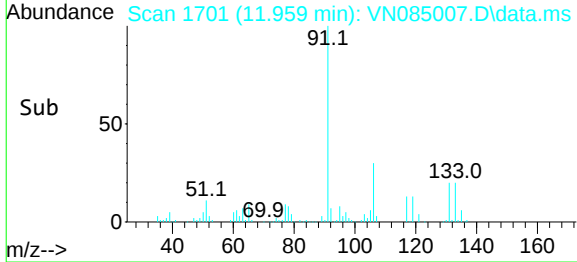
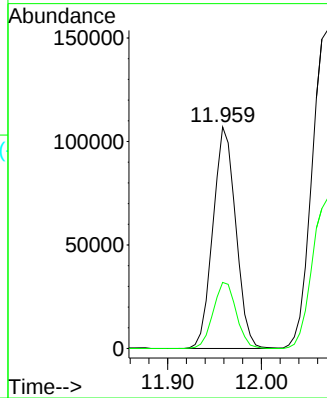
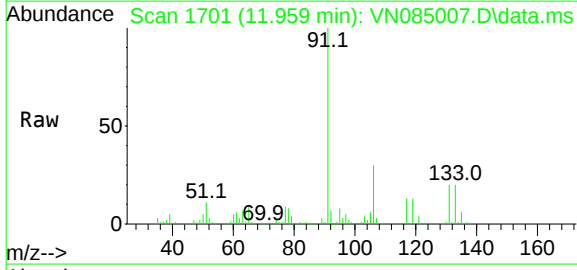
#67
Ethyl Benzene
Concen: 20.440 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 181169
Ion Ratio Lower Upper
91 100
106 29.8 24.7 37.1

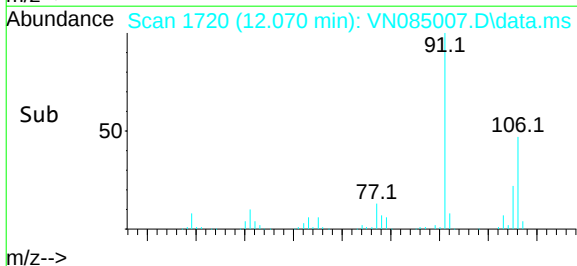
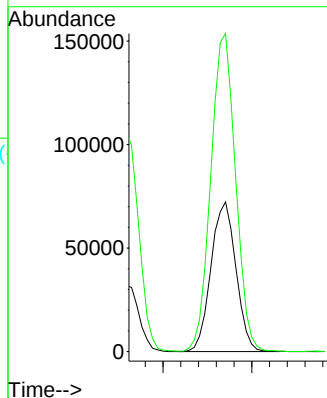
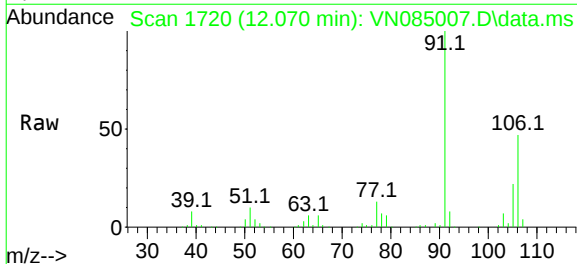
Manual Integrations
APPROVED

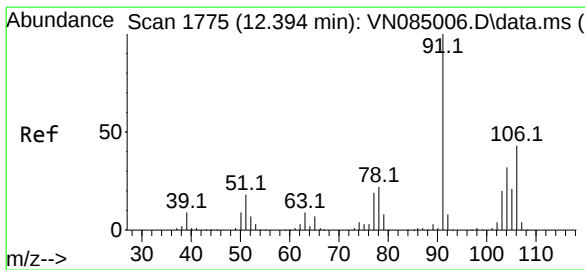
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#68
m/p-Xylenes
Concen: 41.824 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Tgt Ion:106 Resp: 141133
Ion Ratio Lower Upper
106 100
91 211.1 168.0 252.0





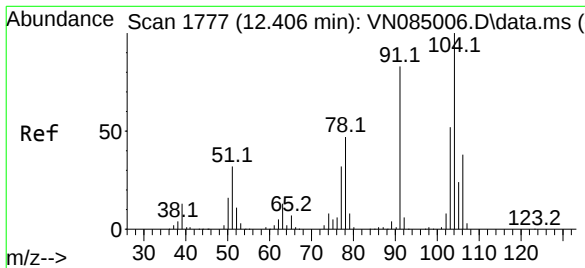
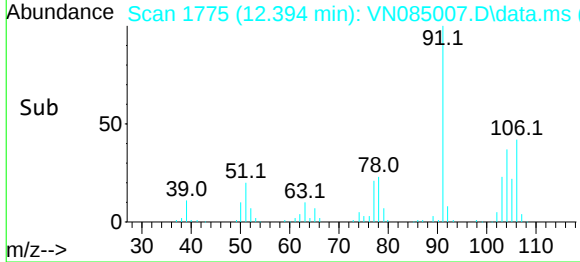
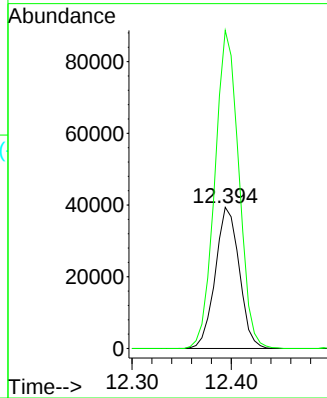
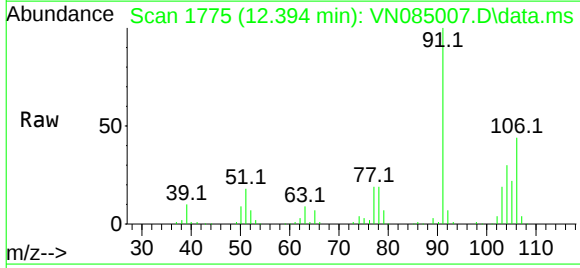
#69
o-Xylene
Concen: 20.565 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 66013
Ion Ratio Lower Upper
106 100
91 225.4 110.7 331.9

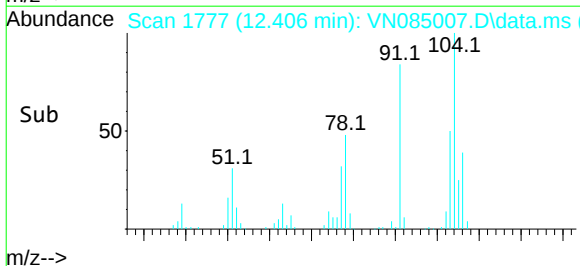
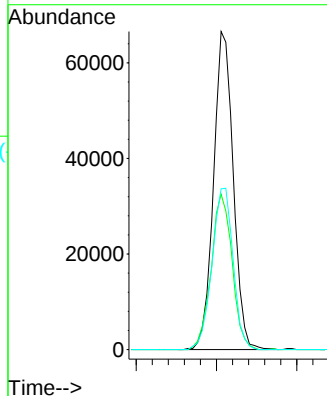
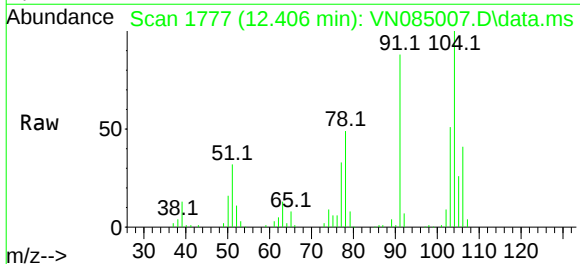
Manual Integrations
APPROVED

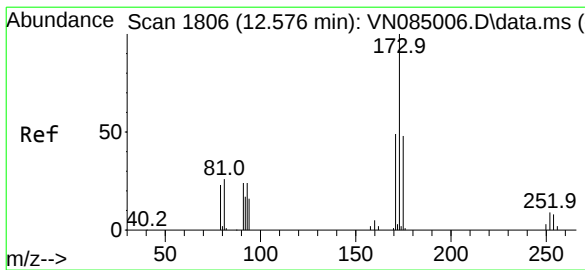
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#70
Styrene
Concen: 21.263 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Tgt Ion:104 Resp: 113503
Ion Ratio Lower Upper
104 100
78 51.9 42.3 63.5
103 54.2 44.2 66.2





#71

Bromoform

Concen: 20.159 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085007.D

Acq: 22 Nov 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

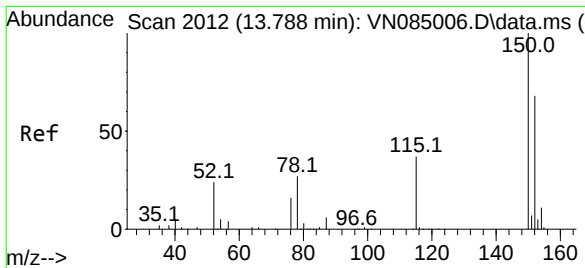
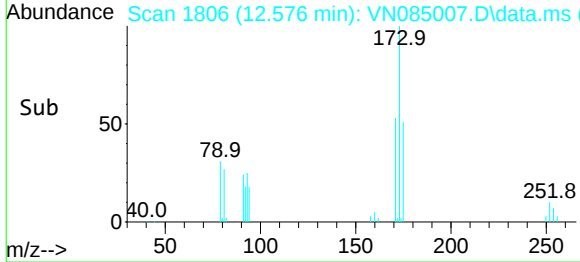
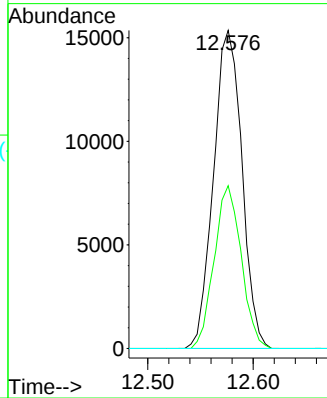
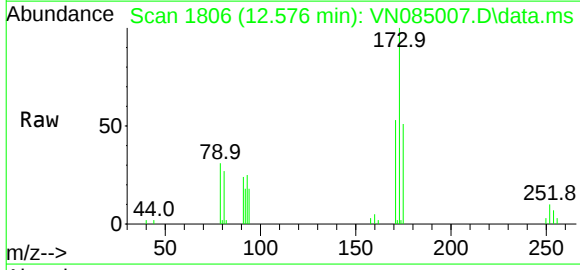
Tgt Ion:	173	Resp:	28783
Ion Ratio	Lower	Upper	
173	100		
175	48.7	23.8	71.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

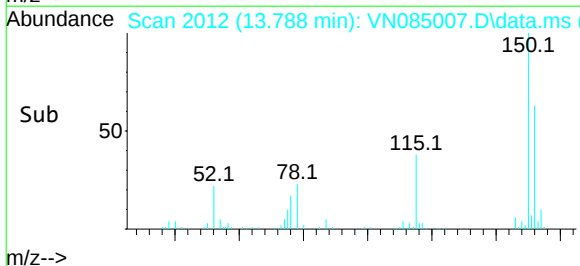
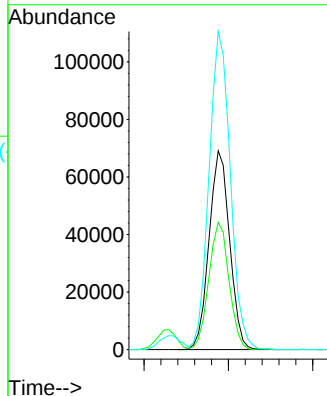
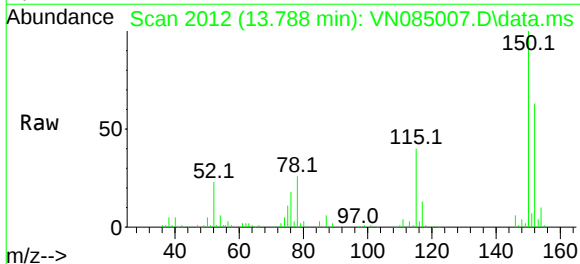
RT: 13.788 min Scan# 2012

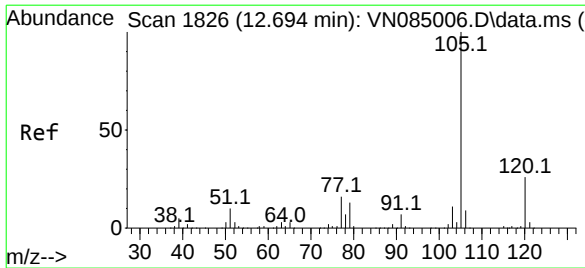
Delta R.T. -0.000 min

Lab File: VN085007.D

Acq: 22 Nov 2024 12:10

Tgt Ion:	152	Resp:	116956
Ion Ratio	Lower	Upper	
152	100		
115	63.0	31.7	95.1
150	165.7	0.0	351.4





#73

Isopropylbenzene

Concen: 20.438 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN085007.D

Acq: 22 Nov 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 105 Resp: 168631

Ion Ratio Lower Upper

105 100

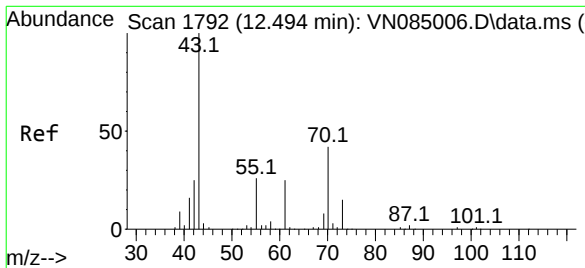
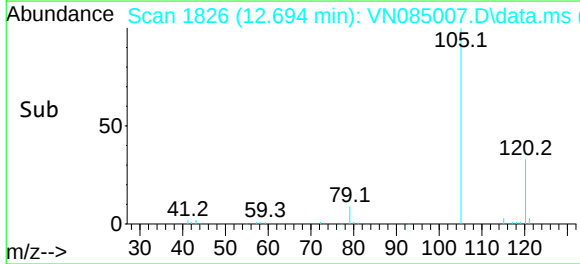
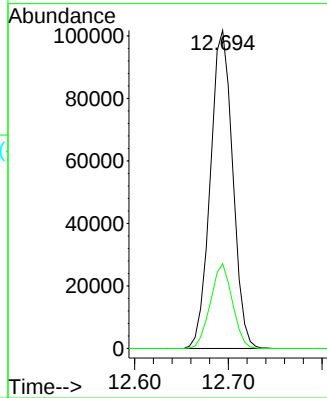
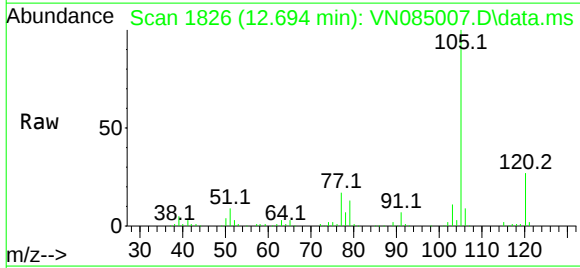
120 26.1 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#74

N-ethyl acetate

Concen: 21.238 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN085007.D

Acq: 22 Nov 2024 12:10

Tgt Ion: 43 Resp: 72208

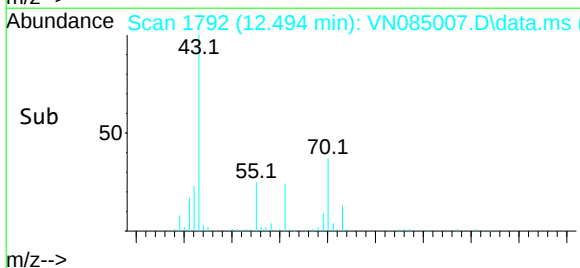
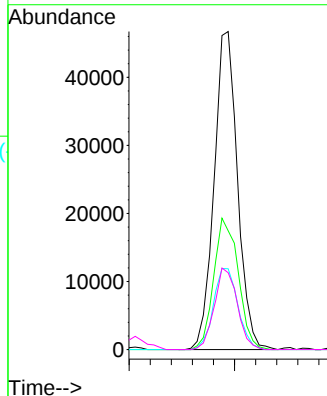
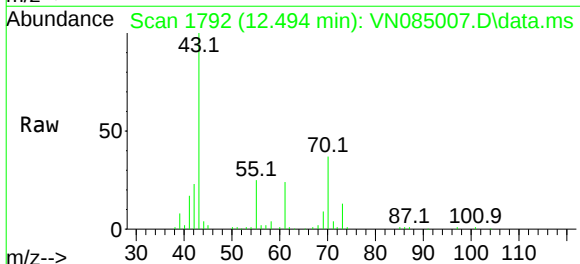
Ion Ratio Lower Upper

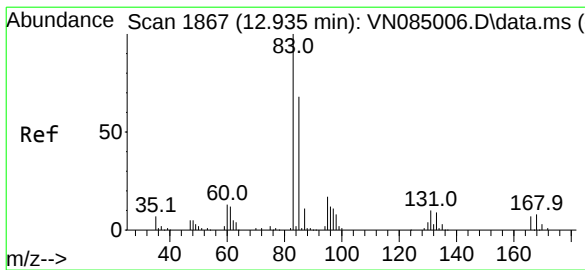
43 100

70 43.1 34.6 51.8

55 26.6 20.5 30.7

61 25.1 19.6 29.4





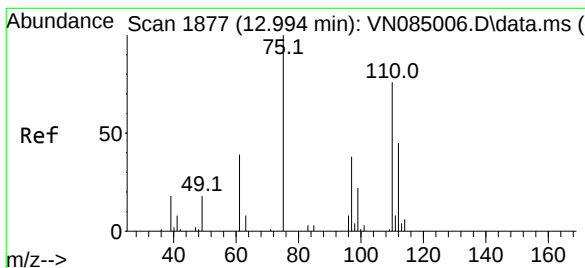
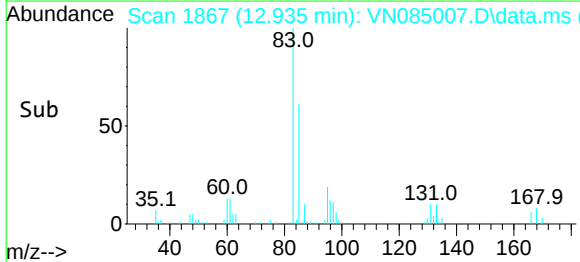
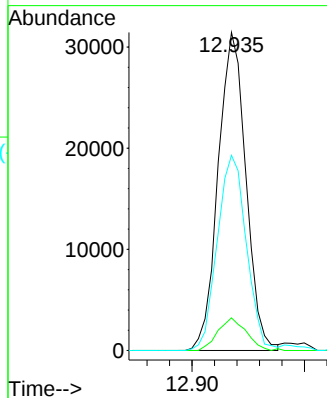
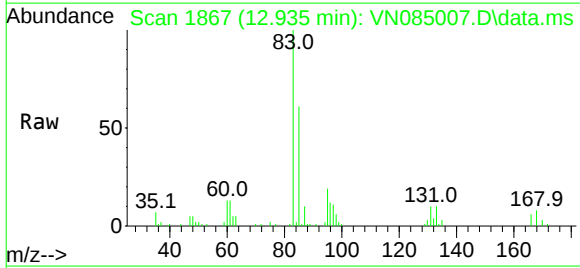
#75
1,1,2,2-Tetrachloroethane
Concen: 19.127 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 83	Resp: 53889
Ion Ratio	Lower Upper
83 100	
131 10.5	5.1 15.4
85 64.1	32.1 96.3

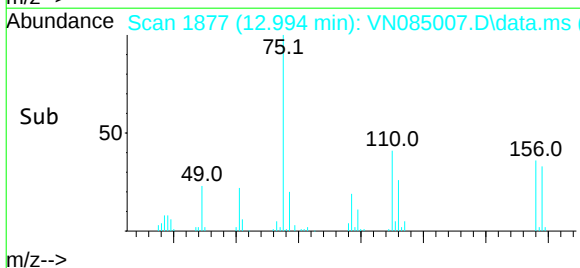
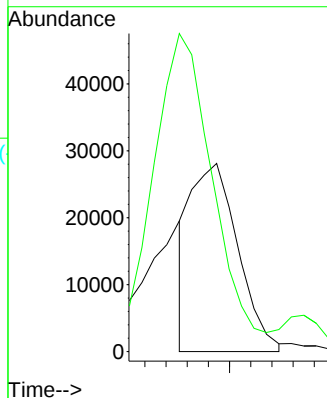
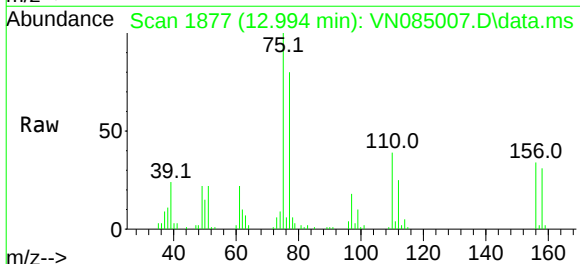
Manual Integrations
APPROVED

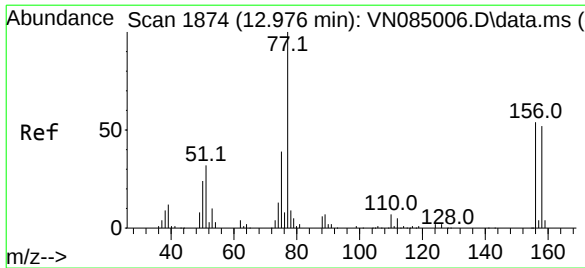
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#76
1,2,3-Trichloropropane
Concen: 19.951 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Tgt Ion: 75	Resp: 43650
Ion Ratio	Lower Upper
75 100	
77 215.1	109.1 327.4





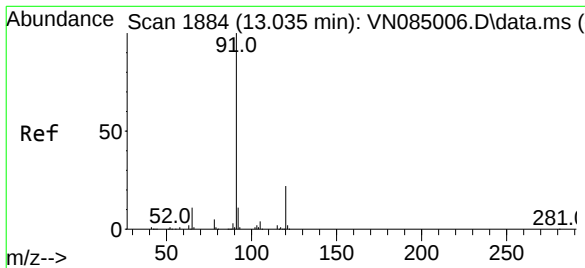
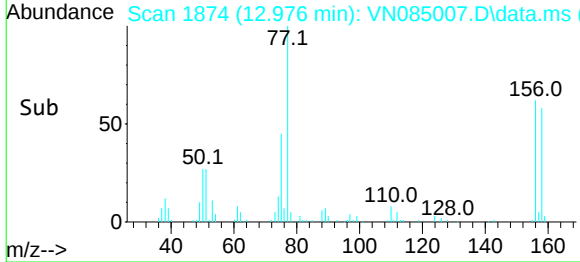
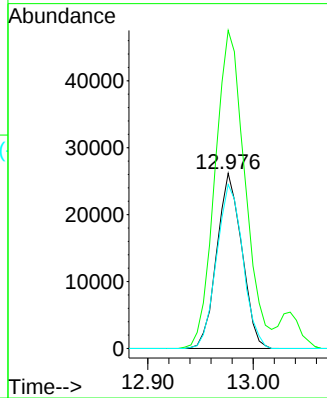
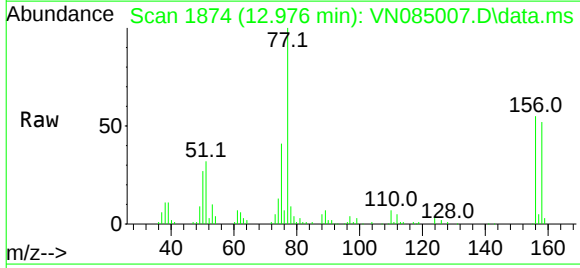
#77
Bromobenzene
Concen: 19.500 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 156 Resp: 43298
Ion Ratio Lower Upper
156 100
77 216.9 107.2 321.6
158 97.6 48.5 145.6

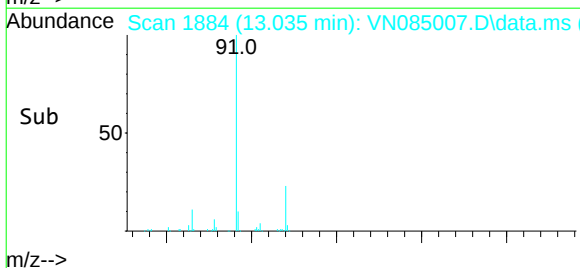
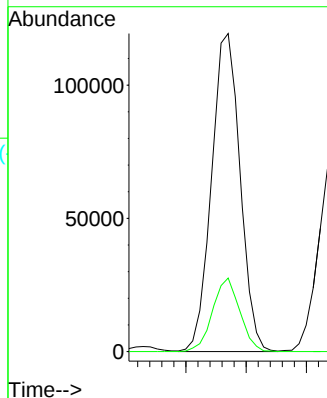
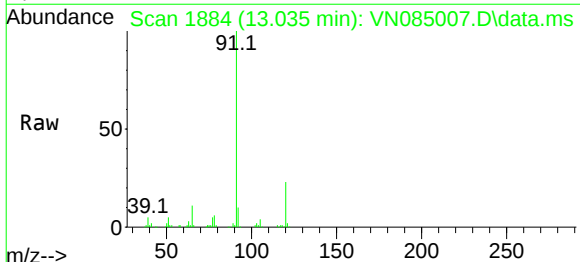
Manual Integrations
APPROVED

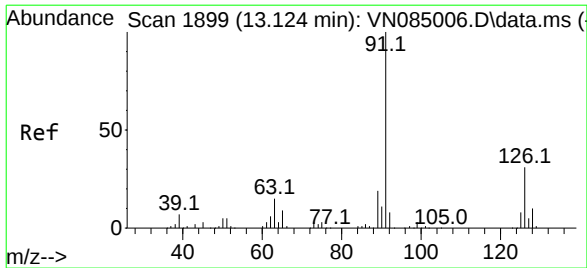
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#78
n-propylbenzene
Concen: 20.653 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Tgt Ion: 91 Resp: 196551
Ion Ratio Lower Upper
91 100
120 22.0 11.3 33.9





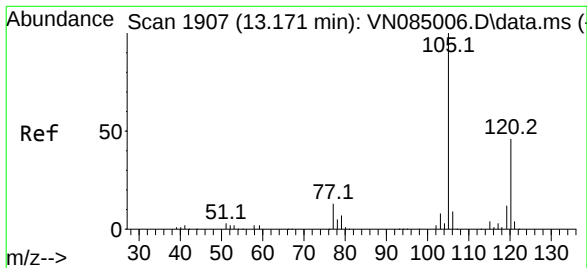
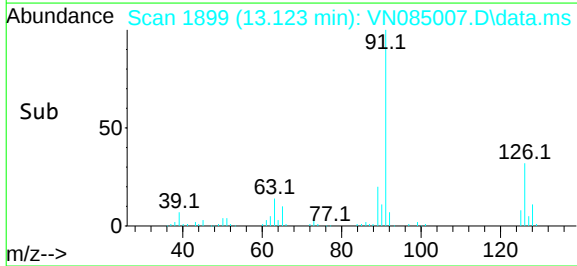
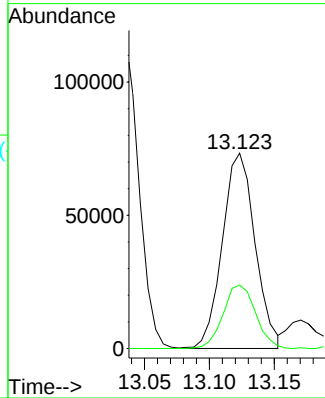
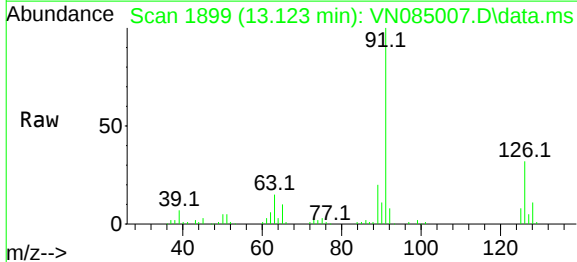
#79
2-Chlorotoluene
Concen: 20.261 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 128714
Ion Ratio Lower Upper
91 100
126 32.2 16.1 48.3

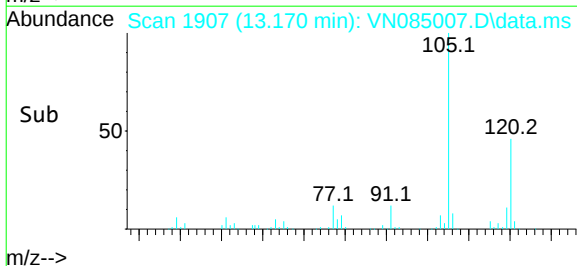
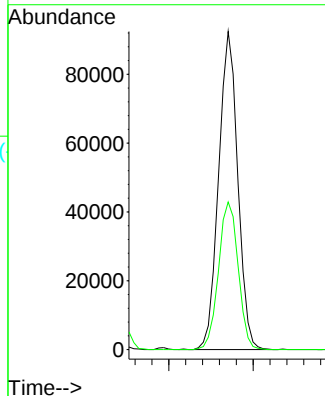
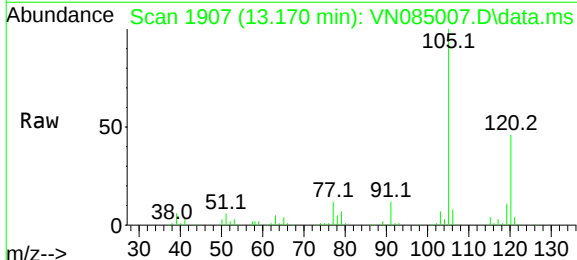
Manual Integrations
APPROVED

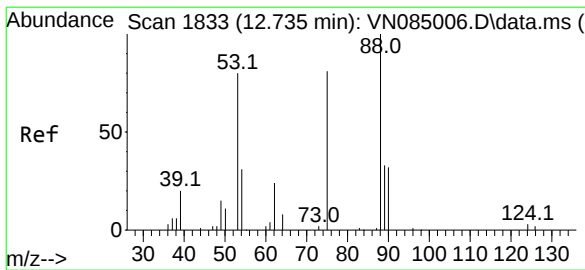
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#80
1,3,5-Trimethylbenzene
Concen: 21.048 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Tgt Ion:105 Resp: 145726
Ion Ratio Lower Upper
105 100
120 47.6 23.6 71.0





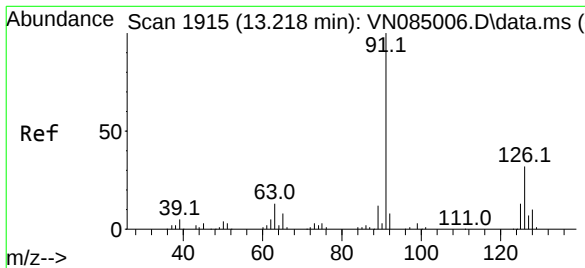
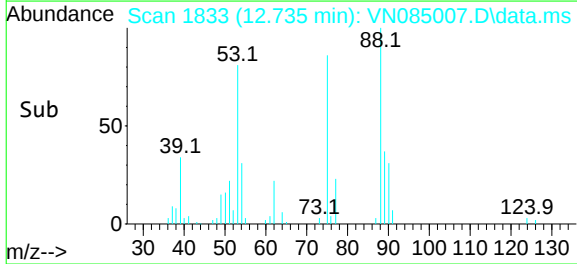
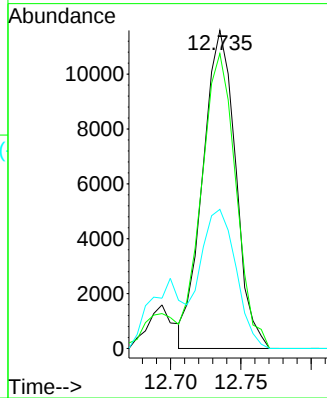
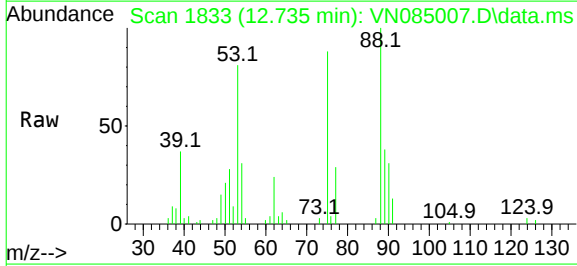
#81
trans-1,4-Dichloro-2-butene
Concen: 20.144 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 18860
Ion Ratio Lower Upper
75 100
53 96.4 78.2 117.4
89 46.7 37.9 56.9

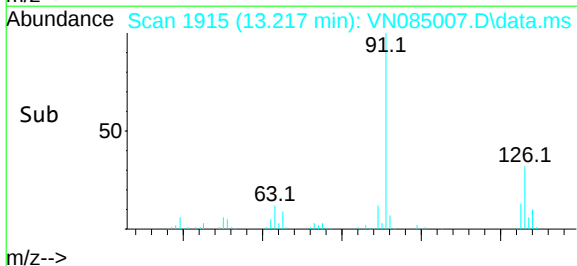
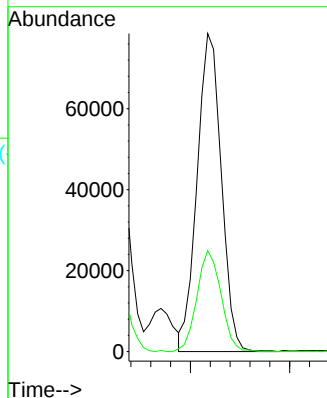
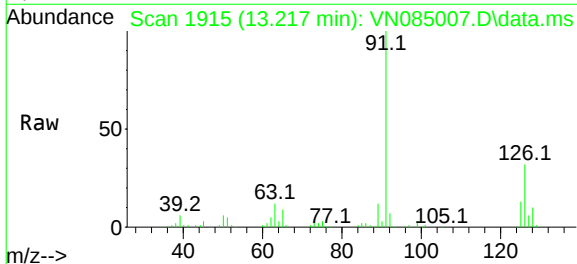
Manual Integrations
APPROVED

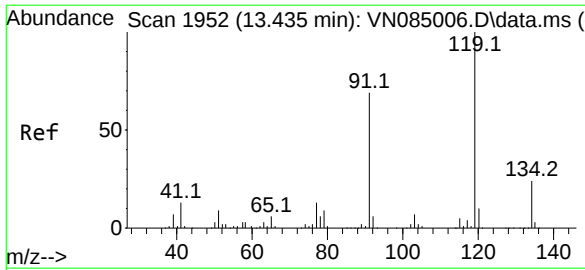
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#82
4-Chlorotoluene
Concen: 20.131 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Tgt Ion: 91 Resp: 133131
Ion Ratio Lower Upper
91 100
126 31.6 16.1 48.3





#83
tert-Butylbenzene
Concen: 20.344 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Instrument :

MSVOA_N

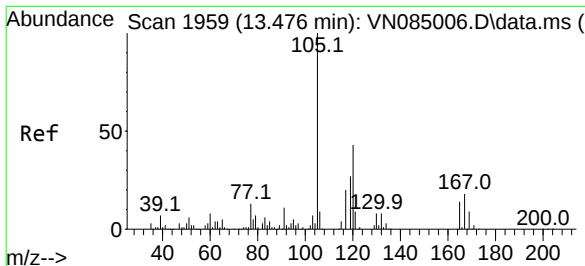
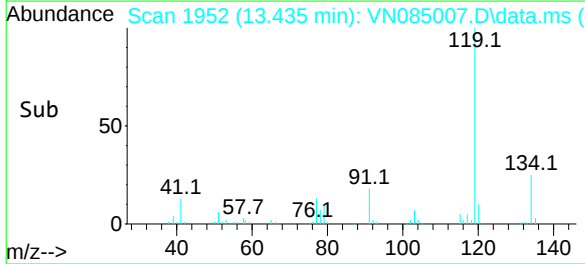
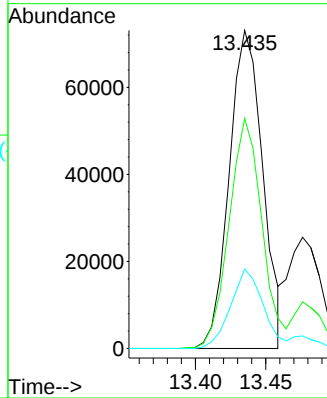
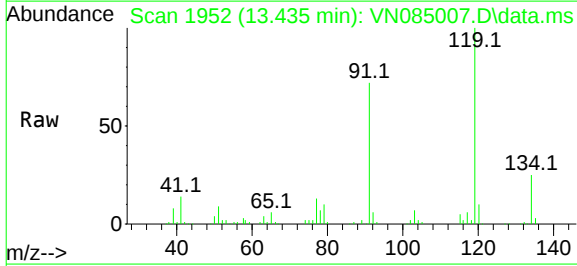
ClientSampleId :

VSTDICC020

Tgt Ion:119 Resp: 121188
Ion Ratio Lower Upper
119 100
91 71.2 35.1 105.5
134 24.3 12.1 36.3

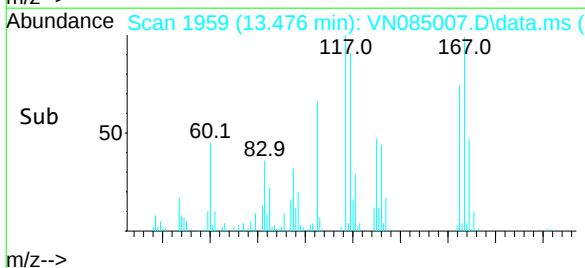
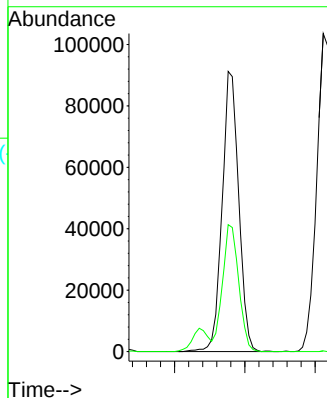
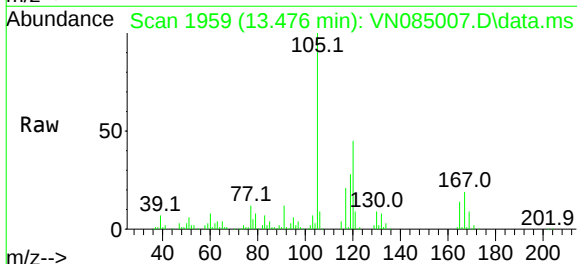
Manual Integrations
APPROVED

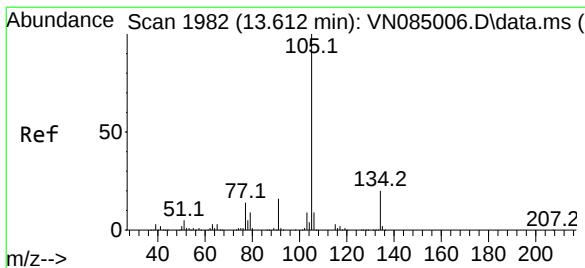
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#84
1,2,4-Trimethylbenzene
Concen: 20.974 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Tgt Ion:105 Resp: 149479
Ion Ratio Lower Upper
105 100
120 44.4 21.8 65.4





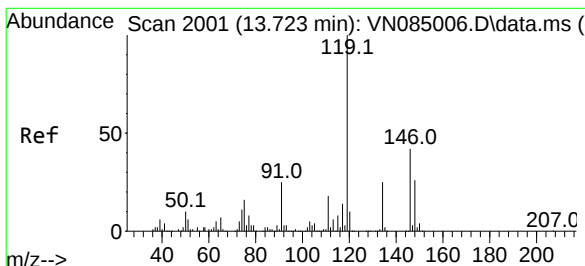
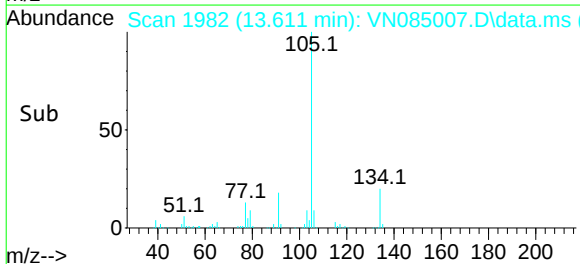
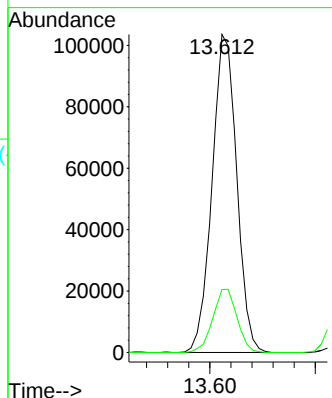
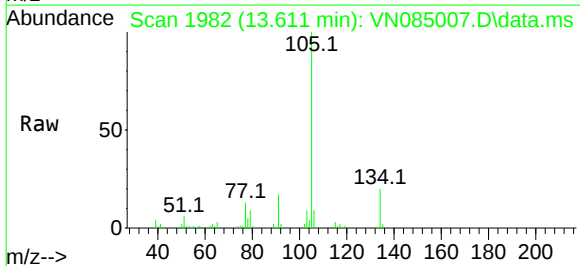
#85
sec-Butylbenzene
Concen: 20.885 ug/l
RT: 13.611 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 168068
Ion Ratio Lower Upper
105 100
134 19.6 9.8 29.3

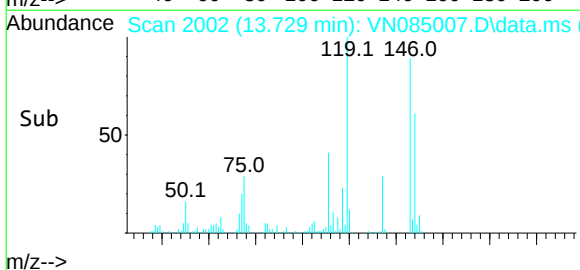
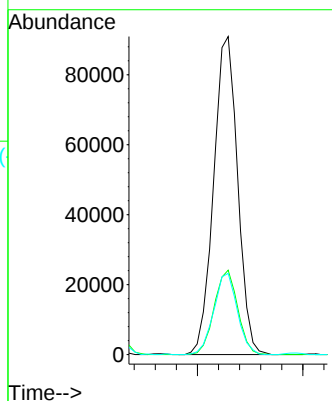
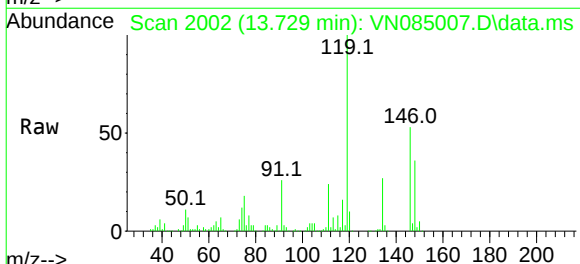
Manual Integrations
APPROVED

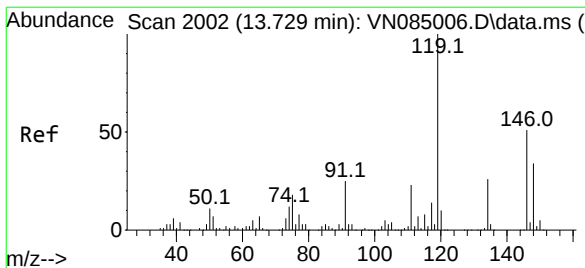
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#86
p-Isopropyltoluene
Concen: 21.653 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Tgt Ion:119 Resp: 143841
Ion Ratio Lower Upper
119 100
134 25.9 13.0 39.0
91 25.0 12.8 38.4





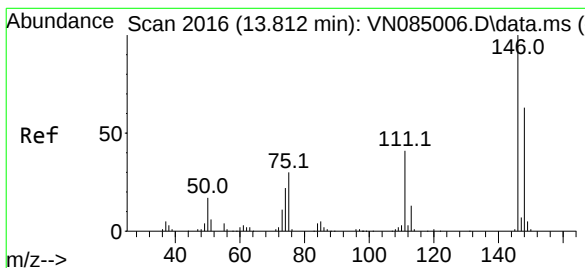
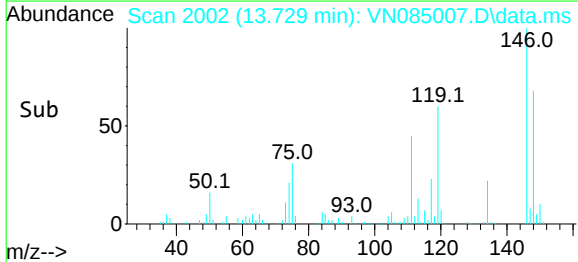
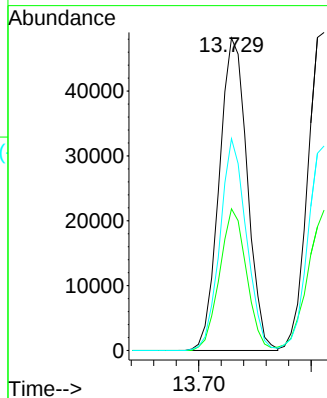
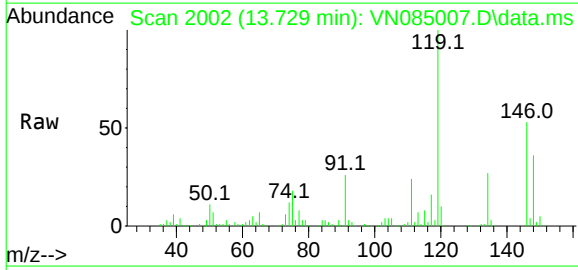
#87
1,3-Dichlorobenzene
Concen: 19.066 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:	146	Resp:	83500
Ion Ratio	Lower	Upper	
146	100		
111	43.5	21.6	65.0
148	63.9	32.2	96.6

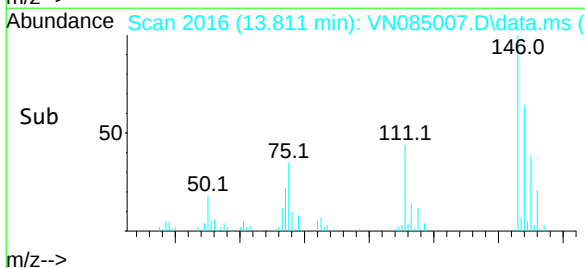
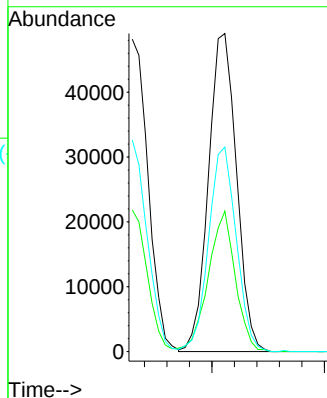
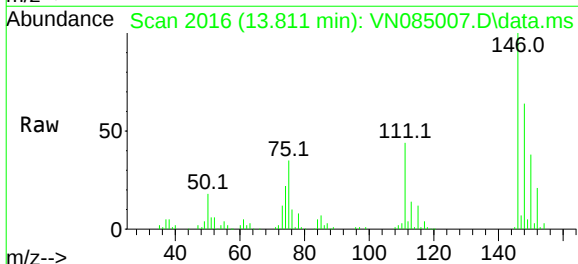
Manual Integrations
APPROVED

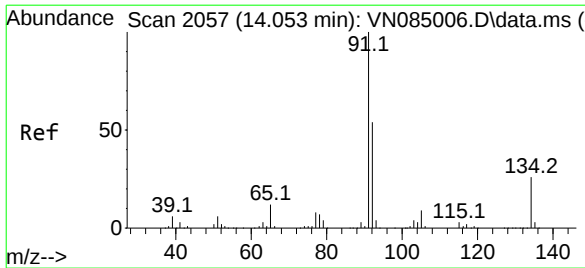
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#88
1,4-Dichlorobenzene
Concen: 19.041 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Tgt Ion:	146	Resp:	85098
Ion Ratio	Lower	Upper	
146	100		
111	42.7	20.9	62.8
148	63.5	31.3	93.9





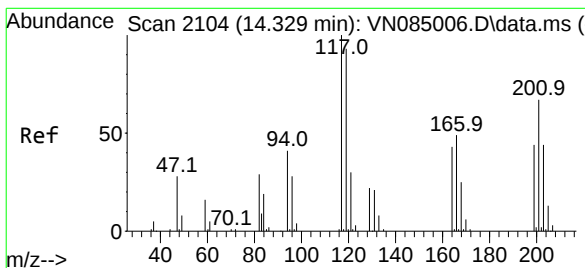
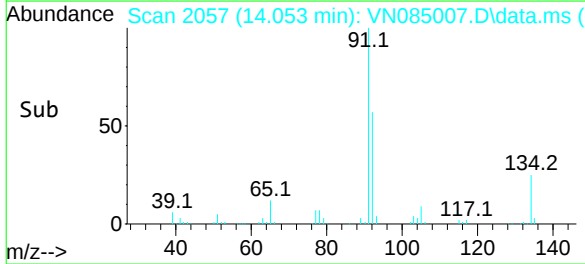
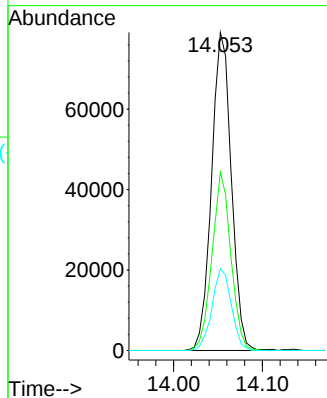
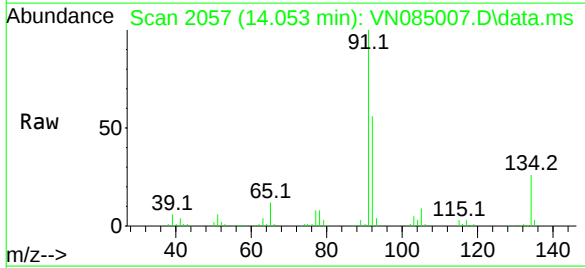
#89
n-Butylbenzene
Concen: 19.790 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 122257
Ion Ratio Lower Upper
91 100
92 53.5 26.8 80.3
134 25.1 12.8 38.4

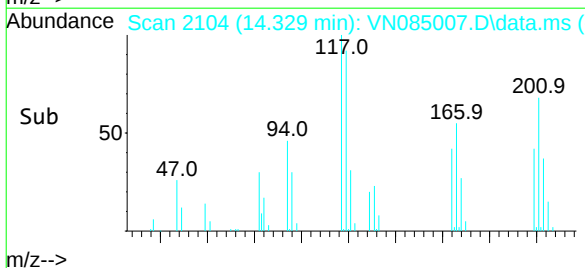
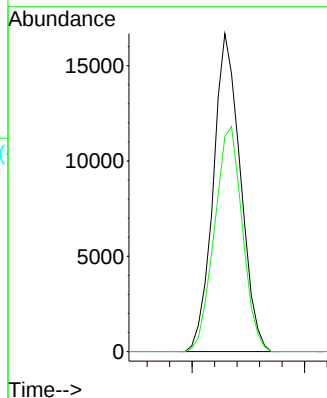
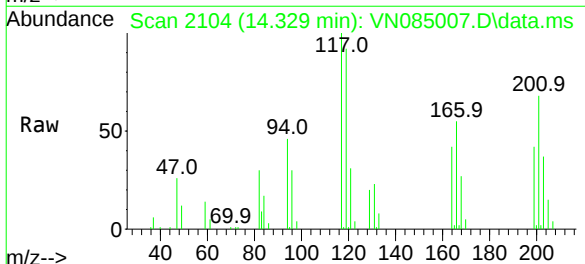
Manual Integrations
APPROVED

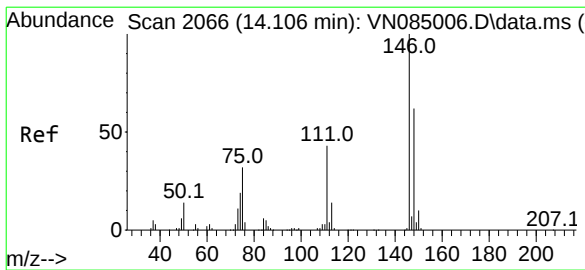
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#90
Hexachloroethane
Concen: 19.267 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Tgt Ion:117 Resp: 27899
Ion Ratio Lower Upper
117 100
201 72.9 35.2 105.6





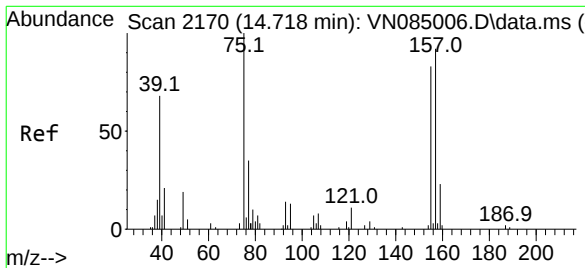
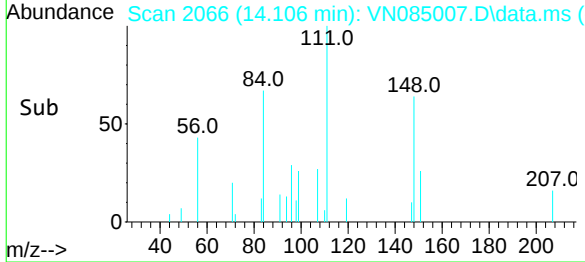
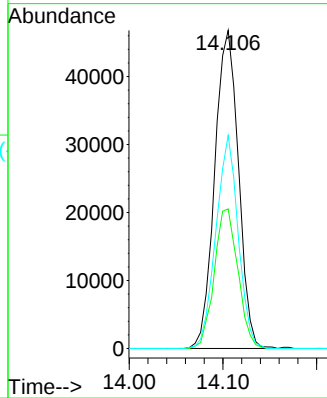
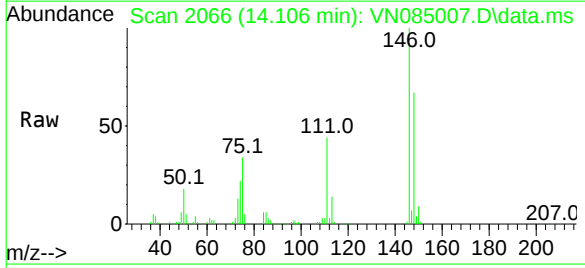
#91
1,2-Dichlorobenzene
Concen: 19.579 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.9	65.8
148	62.9	31.1	93.2

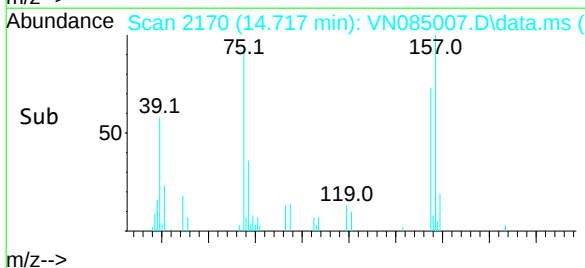
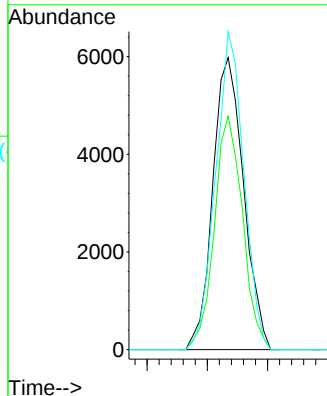
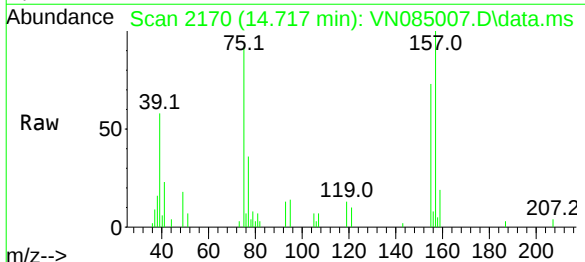
Manual Integrations
APPROVED

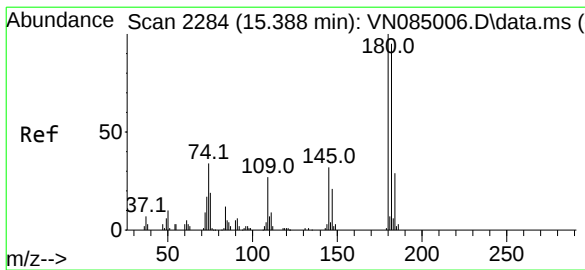
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.517 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

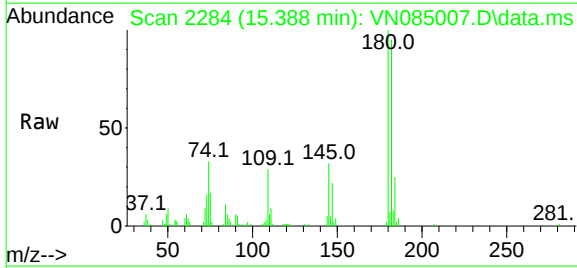
Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.2	38.9	116.7
157	99.9	48.3	144.9





#93
1,2,4-Trichlorobenzene
Concen: 19.467 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

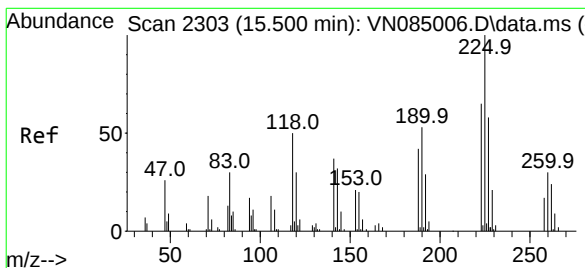
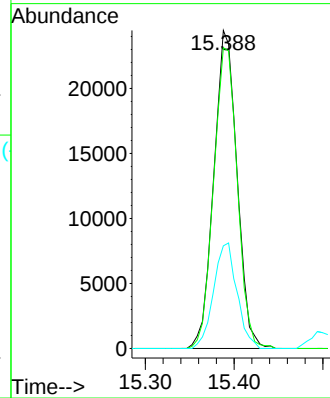
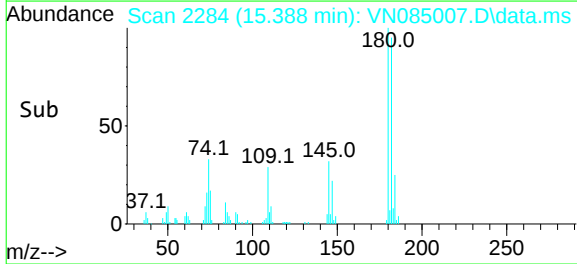
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	46.9	140.8
145	33.4	16.3	48.8

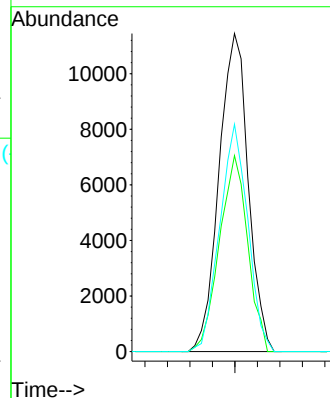
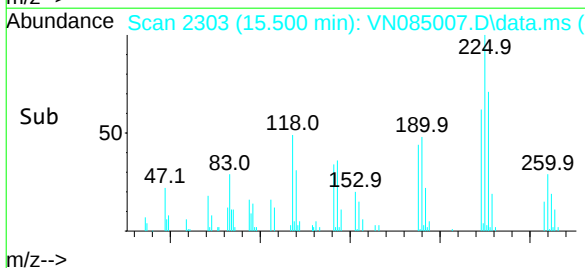
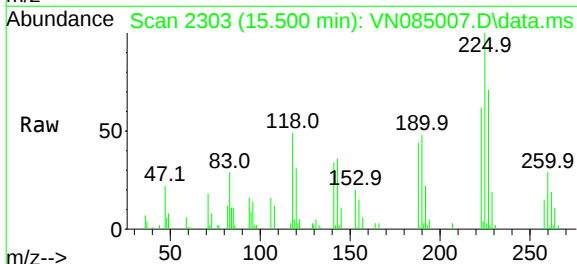
Manual Integrations
APPROVED

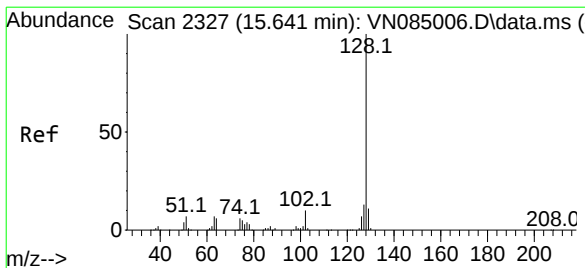
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#94
Hexachlorobutadiene
Concen: 19.618 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN085007.D
Acq: 22 Nov 2024 12:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.6	30.9	92.8
227	68.7	31.5	94.5





#95

Naphthalene

Concen: 20.454 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN085007.D

Acq: 22 Nov 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

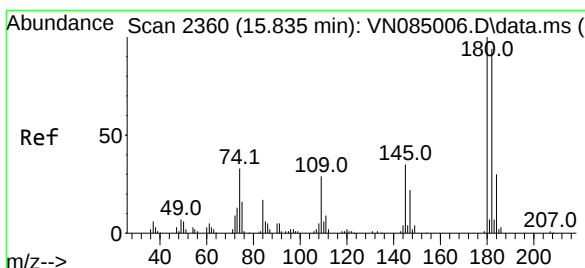
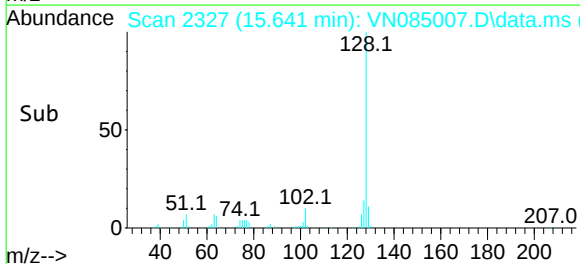
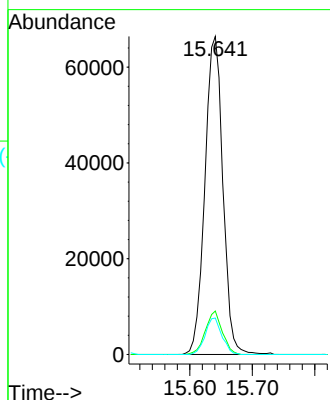
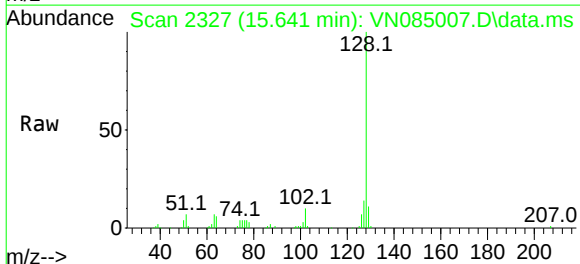
Tgt Ion:	128	Resp:	132816
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	16.0
129	10.6	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#96

1,2,3-Trichlorobenzene

Concen: 20.293 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085007.D

Acq: 22 Nov 2024 12:10

Tgt Ion:	180	Resp:	44145
Ion	Ratio	Lower	Upper
180	100		
182	95.1	46.4	139.2
145	34.3	17.3	52.0

