

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031325\
 Data File : VN085974.D
 Acq On : 13 Mar 2025 12:36
 Operator : JC\MD
 Sample : VN0313WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0313WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/14/2025
 Supervised By : Mahesh Dadoda 03/17/2025

Quant Time: Mar 14 00:27:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	142356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	227743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	205871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	103892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	90243	48.896	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.800%		
35) Dibromofluoromethane	8.165	113	72563	48.692	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.380%		
50) Toluene-d8	10.565	98	256395	47.288	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.580%		
62) 4-Bromofluorobenzene	12.847	95	90453	50.634	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	37669	19.454	ug/l	92
3) Chloromethane	2.359	50	32711	16.835	ug/l	98
4) Vinyl Chloride	2.512	62	31397	15.261	ug/l	100
5) Bromomethane	2.959	94	20678	15.719	ug/l	91
6) Chloroethane	3.124	64	19725	14.475	ug/l	96
7) Trichlorofluoromethane	3.501	101	55705	18.702	ug/l	97
8) Diethyl Ether	3.965	74	17369	18.022	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	31737	18.433	ug/l	99
10) Methyl Iodide	4.589	142	39101	18.424	ug/l	92
11) Tert butyl alcohol	5.518	59	22800	100.443	ug/l #	88
12) 1,1-Dichloroethene	4.336	96	27788	17.800	ug/l	96
13) Acrolein	4.177	56	25405	75.471	ug/l	94
14) Allyl chloride	5.024	41	34185	16.679	ug/l	97
15) Acrylonitrile	5.718	53	73629	99.776	ug/l	98
16) Acetone	4.424	43	57550	98.548	ug/l	97
17) Carbon Disulfide	4.712	76	84503	18.264	ug/l	99
18) Methyl Acetate	5.024	43	33247	16.552	ug/l	97
19) Methyl tert-butyl Ether	5.795	73	90184	19.440	ug/l	99
20) Methylene Chloride	5.277	84	34195	18.208	ug/l	96
21) trans-1,2-Dichloroethene	5.795	96	28474	16.939	ug/l	89
22) Diisopropyl ether	6.671	45	85704	18.505	ug/l	95
23) Vinyl Acetate	6.606	43	292640	92.283	ug/l	100
24) 1,1-Dichloroethane	6.565	63	57401	18.232	ug/l	96
25) 2-Butanone	7.483	43	81605	94.984	ug/l	89
26) 2,2-Dichloropropane	7.489	77	50913	18.186	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	34481	17.691	ug/l	99
28) Bromochloromethane	7.812	49	28246	21.828	ug/l	99
29) Tetrahydrofuran	7.841	42	55689	100.379	ug/l	96
30) Chloroform	7.965	83	60649	18.433	ug/l	99
31) Cyclohexane	8.253	56	43890	16.650	ug/l #	92
32) 1,1,1-Trichloroethane	8.165	97	56269	19.228	ug/l	98
36) 1,1-Dichloropropene	8.371	75	39407	18.684	ug/l	98
37) Ethyl Acetate	7.559	43	36041	20.765	ug/l	99
38) Carbon Tetrachloride	8.359	117	50320	20.080	ug/l	94
39) Methylcyclohexane	9.600	83	34680	16.738	ug/l	92
40) Benzene	8.606	78	129918	19.219	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	18088	19.495	ug/l	93
42) 1,2-Dichloroethane	8.665	62	46523	21.129	ug/l	98
43) Isopropyl Acetate	8.688	43	60470	19.519	ug/l	99
44) Trichloroethene	9.353	130	31157	18.772	ug/l	89
45) 1,2-Dichloropropane	9.618	63	31270	19.164	ug/l	91
46) Dibromomethane	9.706	93	23870	20.740	ug/l	99
47) Bromodichloromethane	9.883	83	48927	19.870	ug/l	99
48) Methyl methacrylate	9.677	41	25551	19.822	ug/l	95
49) 1,4-Dioxane	9.694	88	11086	452.268	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	176046	105.202	ug/l	99
52) Toluene	10.630	92	80641	20.351	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	46317	20.342	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	48936	19.600	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	30743	19.514	ug/l	94
56) Ethyl methacrylate	10.871	69	40700	19.587	ug/l	97
57) 1,3-Dichloropropane	11.159	76	51885	19.728	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	69322	92.167	ug/l	98
59) 2-Hexanone	11.194	43	124319	107.989	ug/l	99
60) Dibromochloromethane	11.359	129	38212	20.829	ug/l	98
61) 1,2-Dibromoethane	11.471	107	30514	20.499	ug/l	99
64) Tetrachloroethene	11.100	164	30659	19.223	ug/l	97
65) Chlorobenzene	11.888	112	86588	18.360	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	33266	19.624	ug/l	98
67) Ethyl Benzene	11.965	91	136727	18.507	ug/l	99
68) m/p-Xylenes	12.071	106	108830	38.782	ug/l	99
69) o-Xylene	12.394	106	51667	19.376	ug/l	98
70) Styrene	12.412	104	85262	18.639	ug/l	98
71) Bromoform	12.576	173	26670	21.173	ug/l #	99
73) Isopropylbenzene	12.694	105	125493	17.631	ug/l	99
74) N-amyl acetate	12.494	43	43483	17.324	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	43936	17.939	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	37972m	16.454	ug/l	
77) Bromobenzene	12.976	156	35043	18.223	ug/l	96
78) n-propylbenzene	13.035	91	146824	18.012	ug/l	98
79) 2-Chlorotoluene	13.124	91	95859	17.601	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	109914	18.957	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	14232	17.994	ug/l	97
82) 4-Chlorotoluene	13.218	91	98729	18.286	ug/l	99
83) tert-Butylbenzene	13.435	119	88203	18.091	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	108683	18.947	ug/l	100
85) sec-Butylbenzene	13.612	105	120535	17.497	ug/l	99
86) p-Isopropyltoluene	13.729	119	100122	17.150	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	62145	17.249	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	64642	17.506	ug/l	99
89) n-Butylbenzene	14.053	91	78134	15.975	ug/l	98
90) Hexachloroethane	14.329	117	22187	17.006	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	61749	17.824	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8699	19.342	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	27260	16.513	ug/l	98
94) Hexachlorobutadiene	15.500	225	15609	15.558	ug/l	98
95) Naphthalene	15.641	128	74257	16.384	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	27063	16.329	ug/l	97

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ALS Vial : 7 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :
VN0313WBSD01

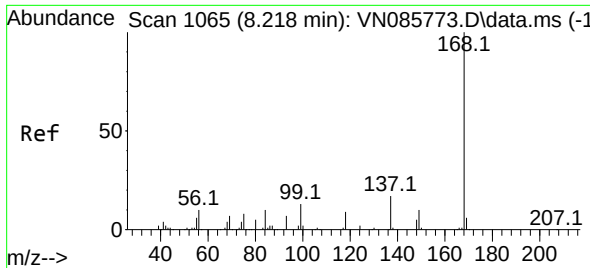
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025

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Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

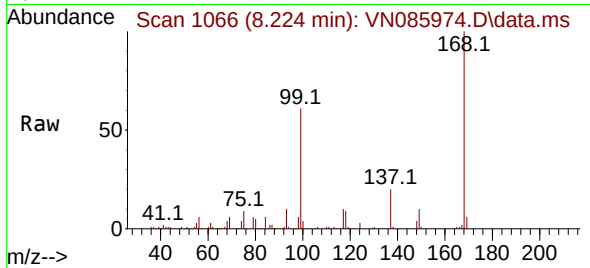
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085974.D
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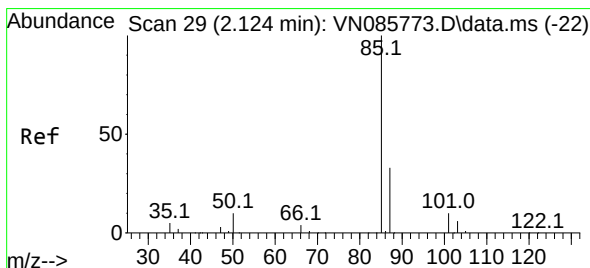
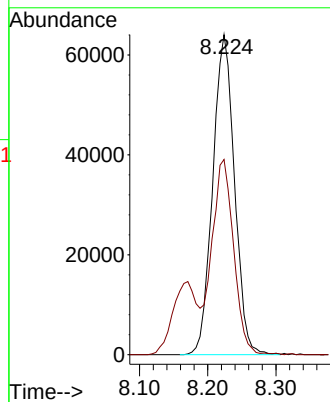
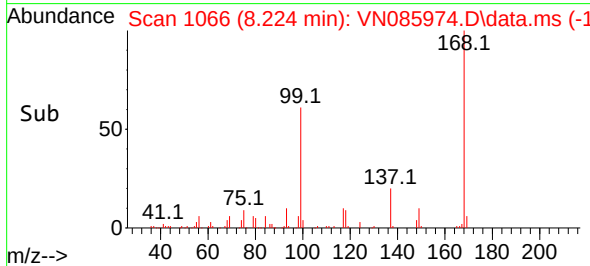
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



Tgt Ion:168 Resp: 142350
Ion Ratio Lower Upper
168 100
99 60.8 47.9 71.9

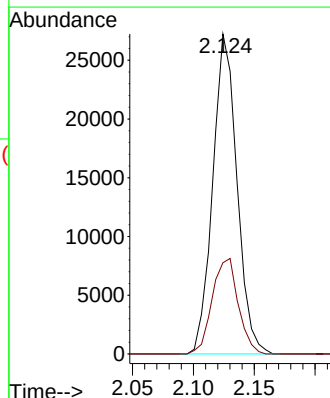
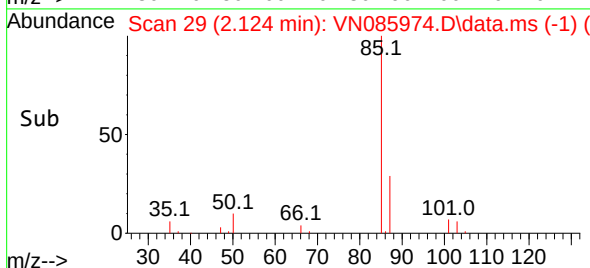
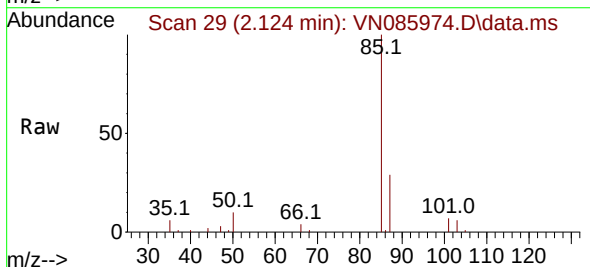
Manual Integrations
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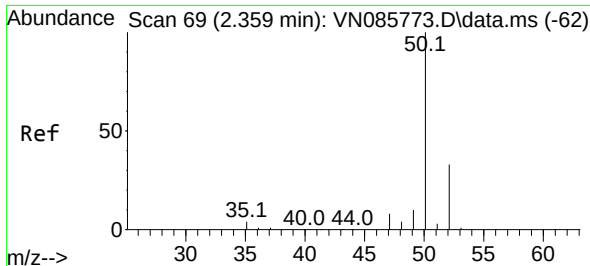
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#2
Dichlorodifluoromethane
Concen: 19.454 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

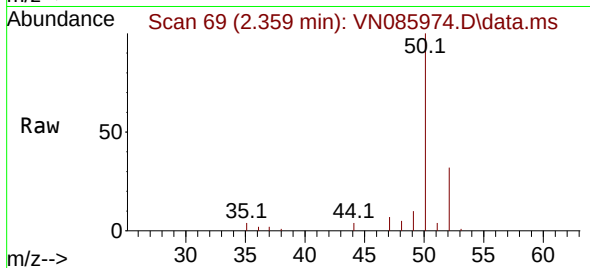
Tgt Ion: 85 Resp: 37669
Ion Ratio Lower Upper
85 100
87 28.5 16.4 49.2





#3
Chloromethane
Concen: 16.835 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

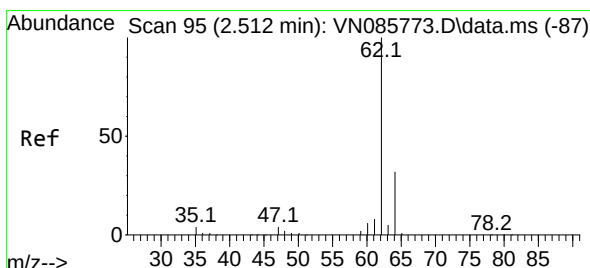
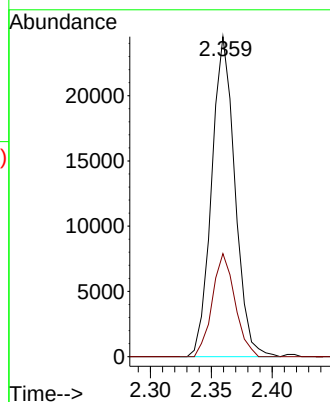
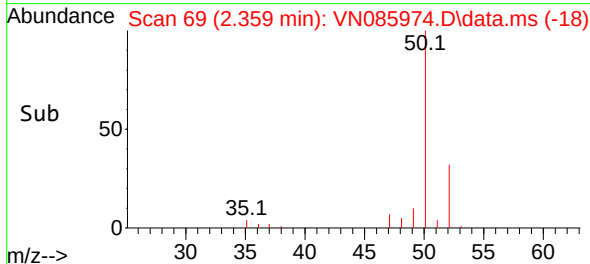
Instrument :
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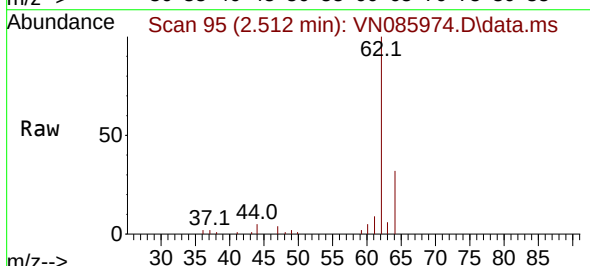
Tgt Ion: 50 Resp: 3271
Ion Ratio Lower Upper
50 100
52 32.2 26.7 40.1

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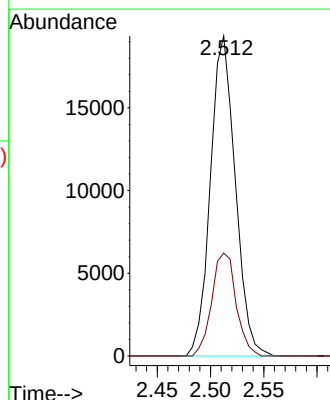
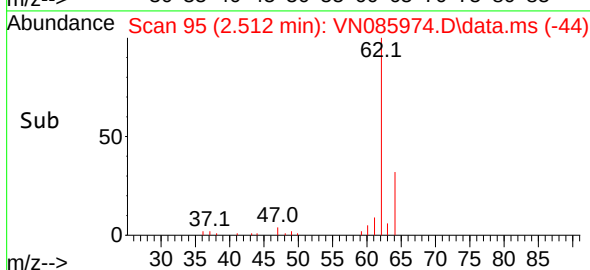
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025

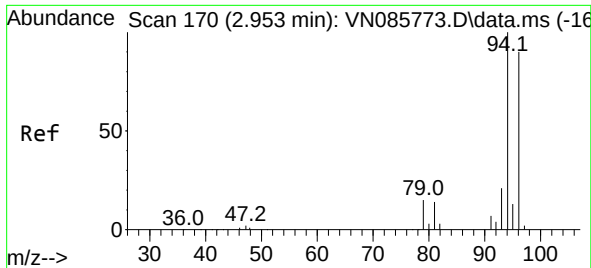


#4
Vinyl Chloride
Concen: 15.261 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36



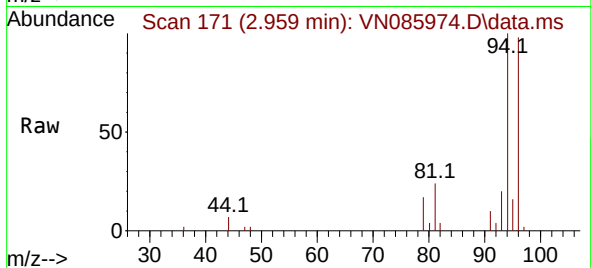
Tgt Ion: 62 Resp: 31397
Ion Ratio Lower Upper
62 100
64 32.1 25.9 38.9





#5
Bromomethane
Concen: 15.719 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN085974.D
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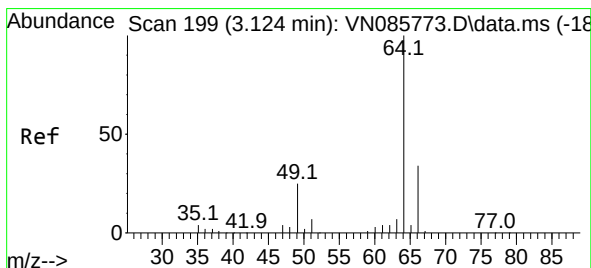
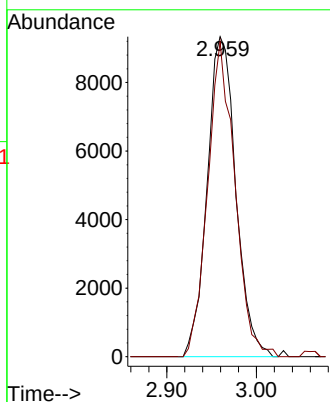
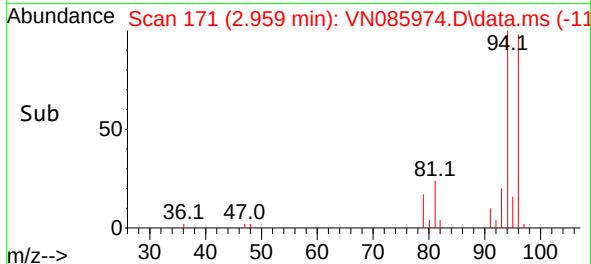
Instrument :
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Tgt Ion: 94 Resp: 20678
Ion Ratio Lower Upper
94 100
96 98.4 71.7 107.5

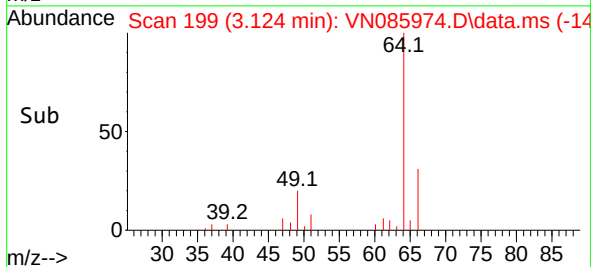
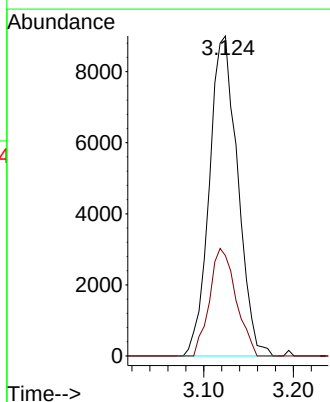
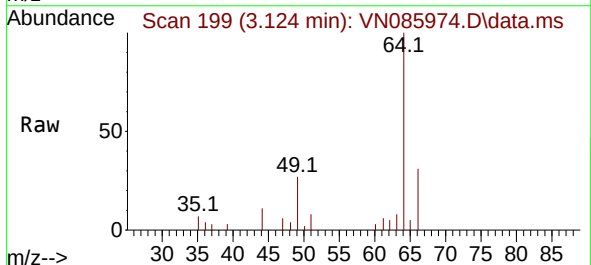
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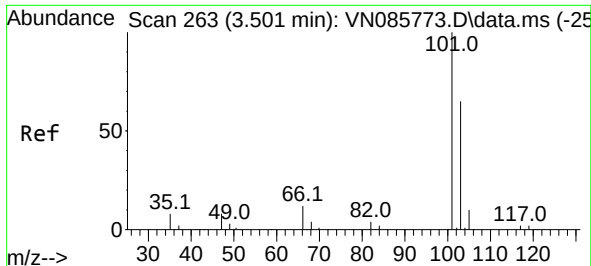
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#6
Chloroethane
Concen: 14.475 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

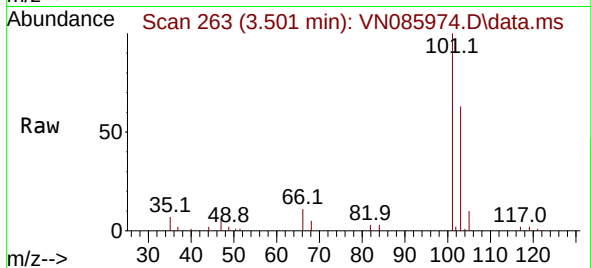
Tgt Ion: 64 Resp: 19725
Ion Ratio Lower Upper
64 100
66 31.3 27.0 40.6





#7
 Trichlorofluoromethane
 Concen: 18.702 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085974.D
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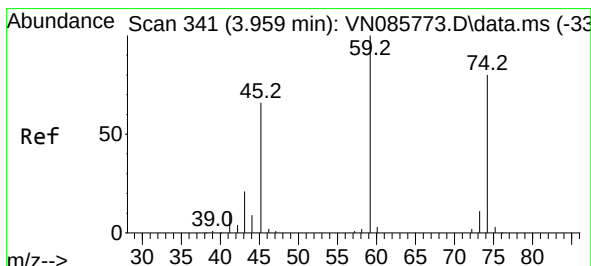
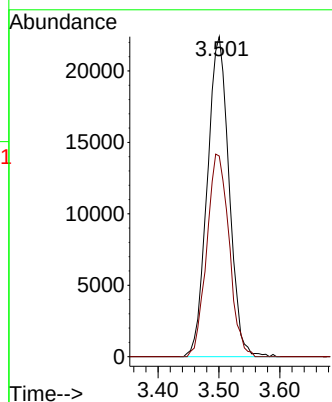
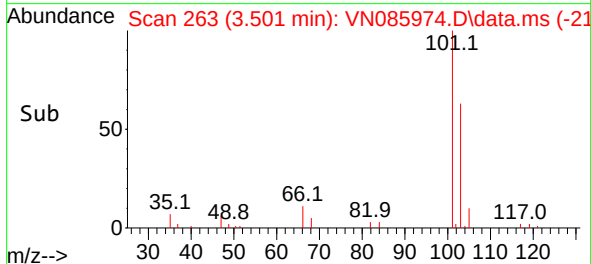
Instrument :
 MSVOA_N
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 VN0313WBSD01



Tgt Ion:101 Resp: 5570
 Ion Ratio Lower Upper
 101 100
 103 62.7 52.2 78.4

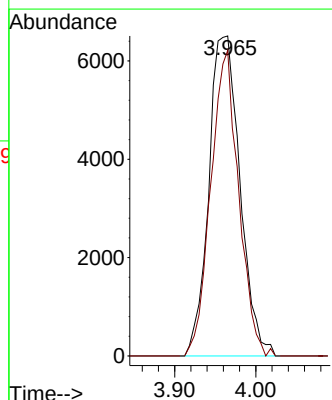
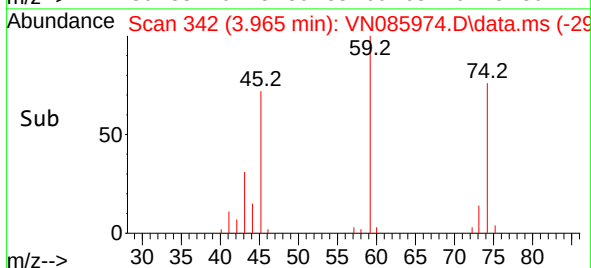
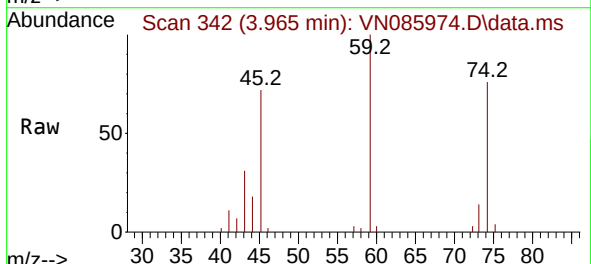
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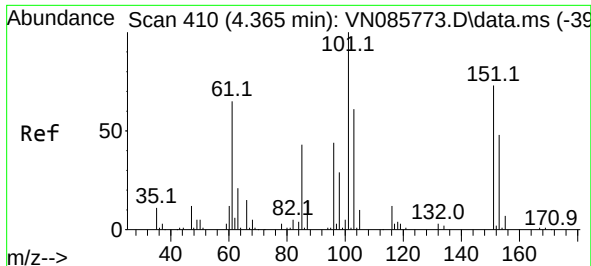
Reviewed By :John Carlone 03/14/2025
 Supervised By :Mahesh Dadoda 03/17/2025



#8
 Diethyl Ether
 Concen: 18.022 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN085974.D
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Tgt Ion: 74 Resp: 17369
 Ion Ratio Lower Upper
 74 100
 45 85.4 42.5 127.6





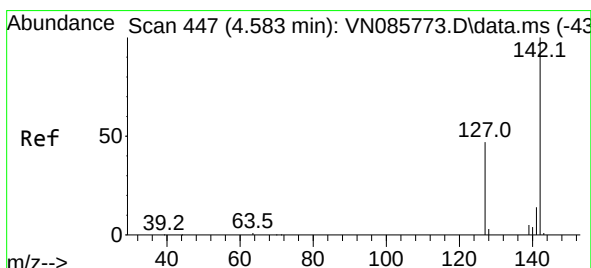
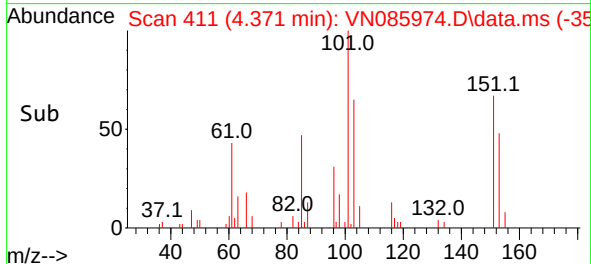
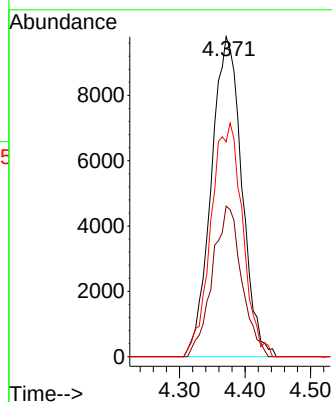
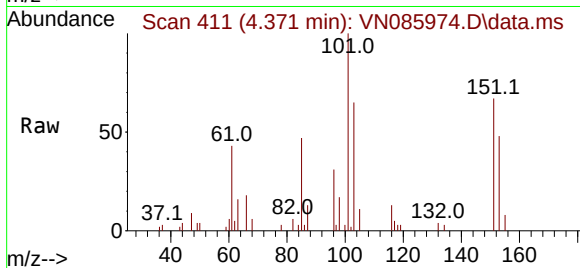
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.433 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

Tgt Ion:101 Resp: 3173
Ion Ratio Lower Upper
101 100
85 45.1 35.7 53.5
151 75.5 61.4 92.2

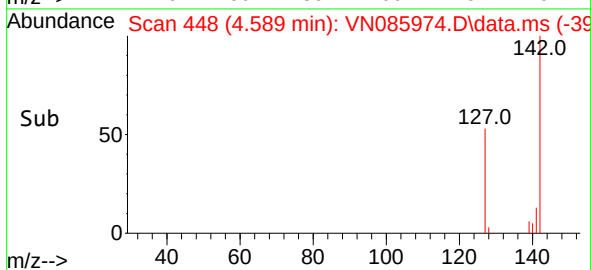
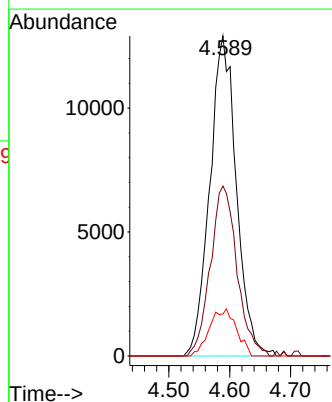
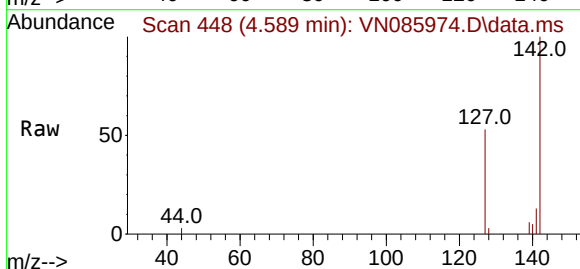
Manual Integrations
APPROVED

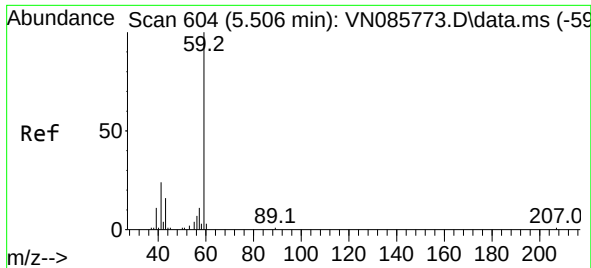
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#10
Methyl Iodide
Concen: 18.424 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

Tgt Ion:142 Resp: 39101
Ion Ratio Lower Upper
142 100
127 53.1 37.6 56.4
141 13.1 11.4 17.2





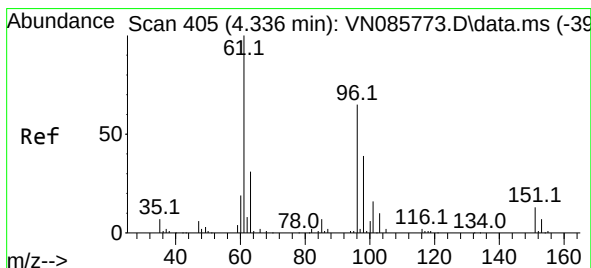
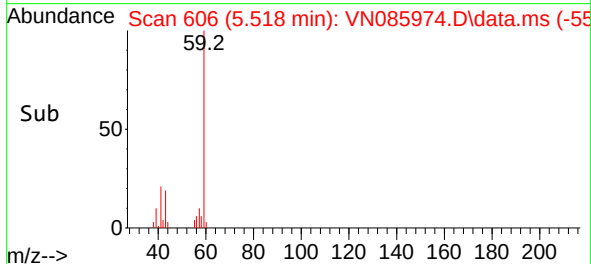
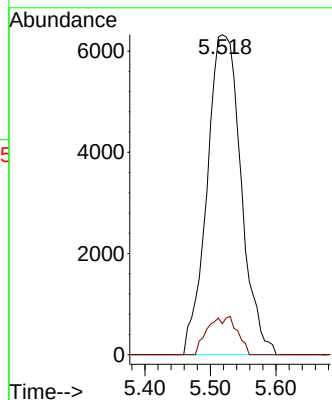
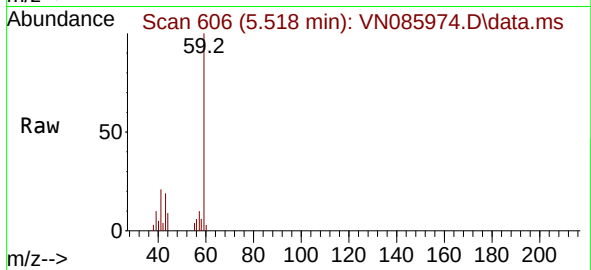
#11
Tert butyl alcohol
Concen: 100.443 ug/l
RT: 5.518 min Scan# 604
Delta R.T. 0.012 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

Tgt Ion: 59 Resp: 22800
Ion Ratio Lower Upper
59 100
57 5.7 8.3 12.5

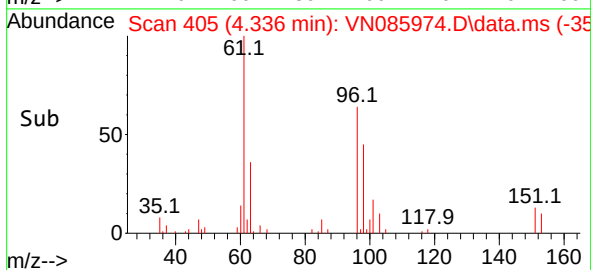
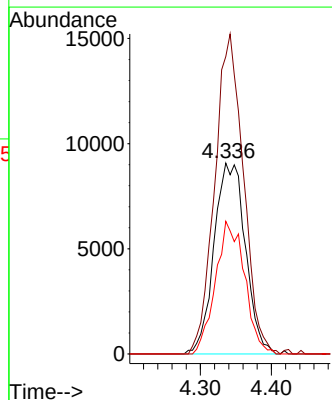
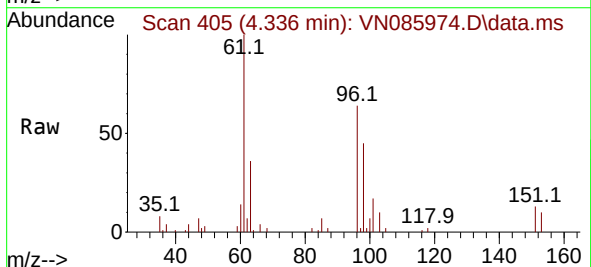
Manual Integrations
APPROVED

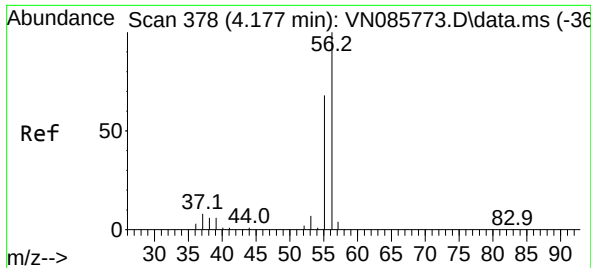
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#12
1,1-Dichloroethene
Concen: 17.800 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

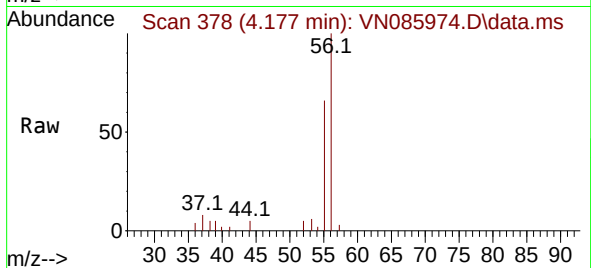
Tgt Ion: 96 Resp: 27788
Ion Ratio Lower Upper
96 100
61 155.9 123.3 184.9
98 69.5 48.6 72.8





#13
Acrolein
Concen: 75.471 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

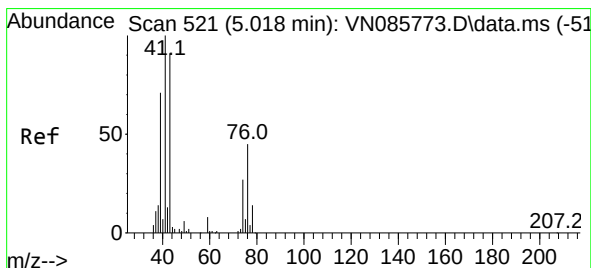
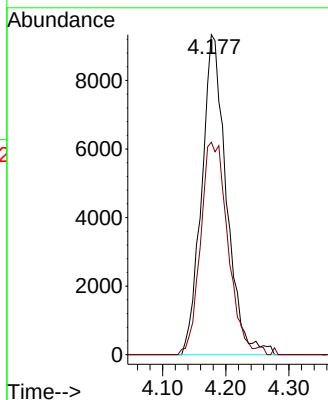
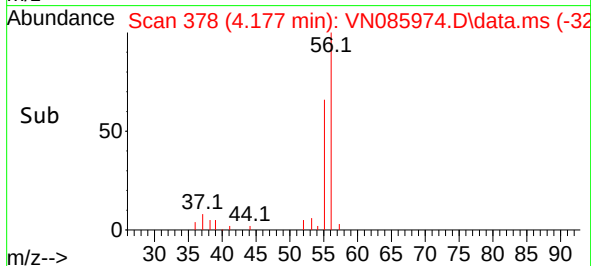
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



Tgt Ion: 56 Resp: 2540
Ion Ratio Lower Upper
56 100
55 73.6 55.3 82.9

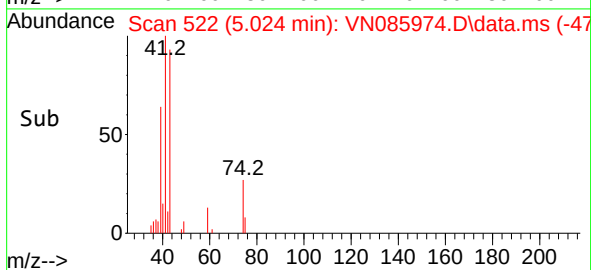
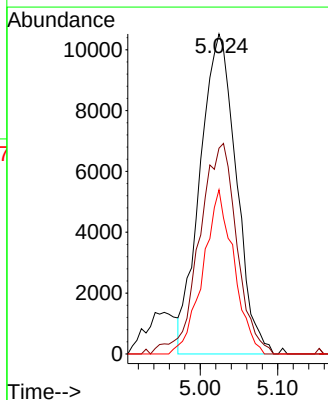
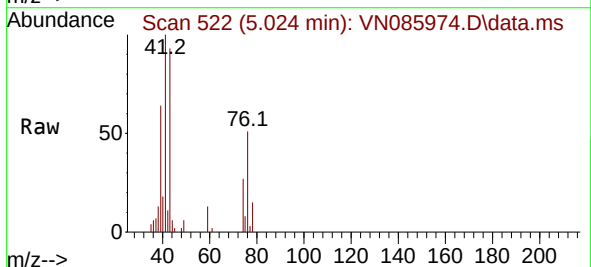
Manual Integrations
APPROVED

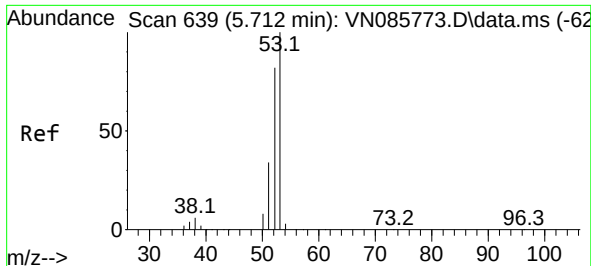
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#14
Allyl chloride
Concen: 16.679 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

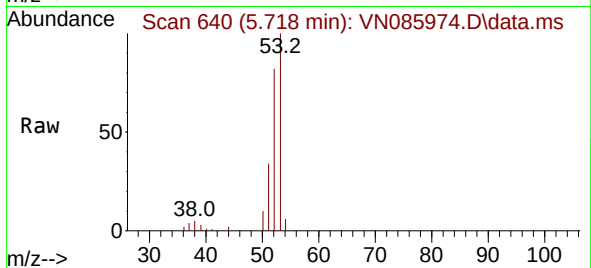
Tgt Ion: 41 Resp: 34185
Ion Ratio Lower Upper
41 100
39 68.2 57.4 86.2
76 43.7 36.2 54.2





#15
Acrylonitrile
Concen: 99.776 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

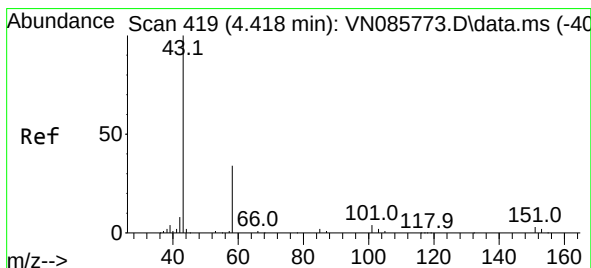
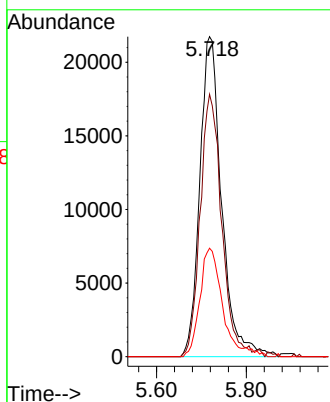
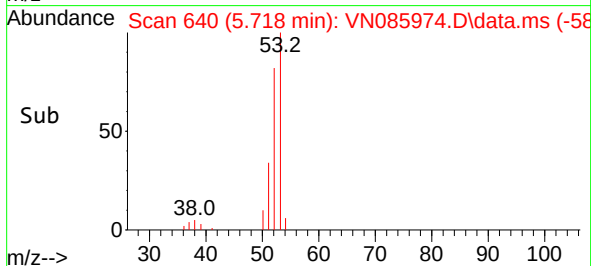
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



Tgt Ion: 53 Resp: 73629
Ion Ratio Lower Upper
53 100
52 80.4 65.8 98.6
51 35.3 28.6 42.8

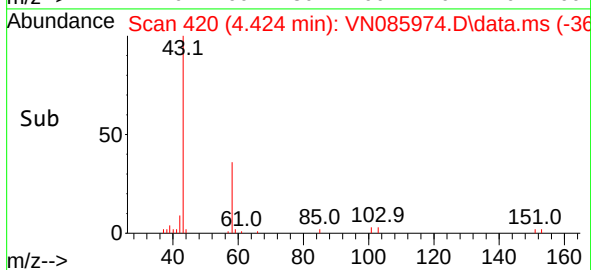
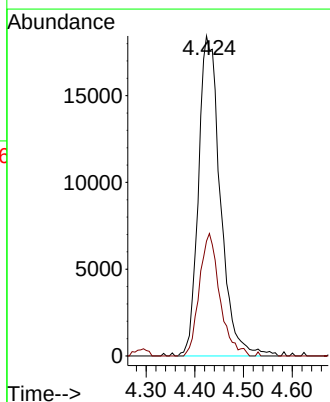
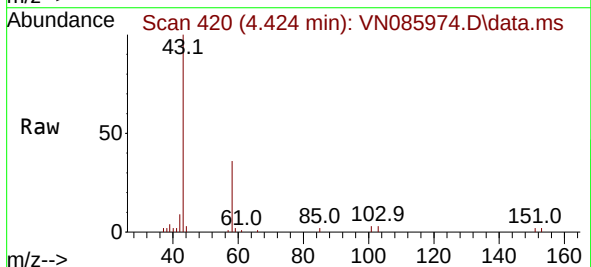
Manual Integrations
APPROVED

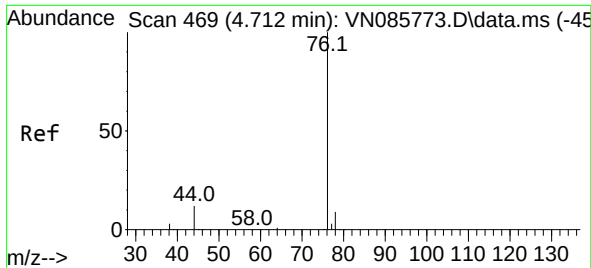
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#16
Acetone
Concen: 98.548 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

Tgt Ion: 43 Resp: 57550
Ion Ratio Lower Upper
43 100
58 35.9 27.5 41.3





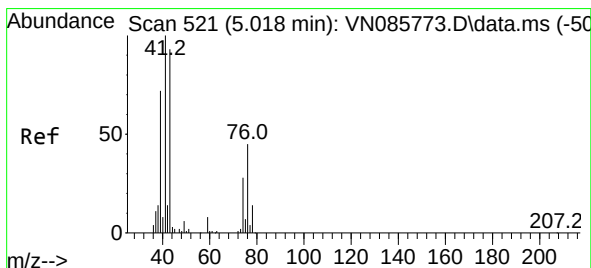
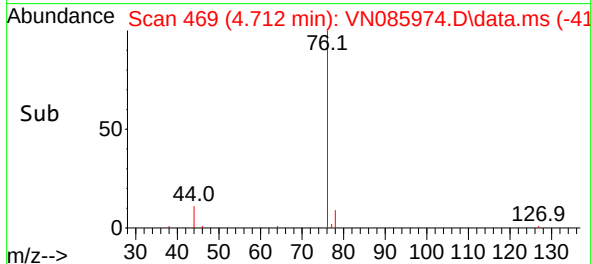
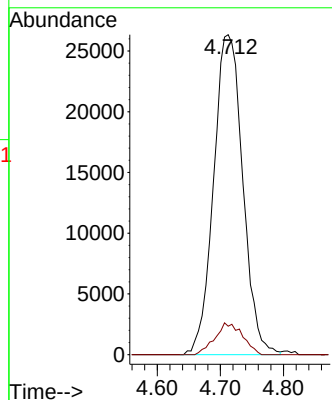
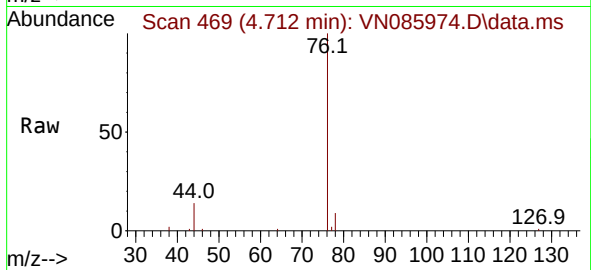
#17
Carbon Disulfide
Concen: 18.264 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

Tgt Ion: 76 Resp: 8450
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

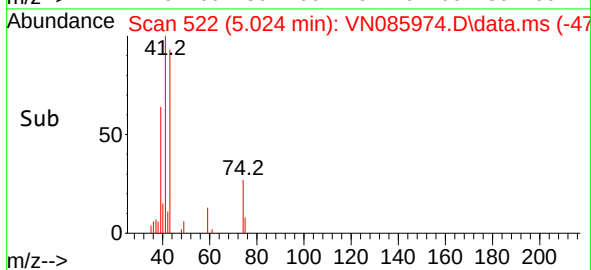
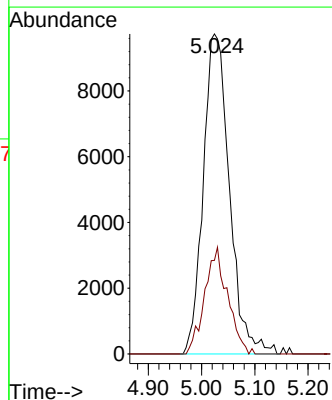
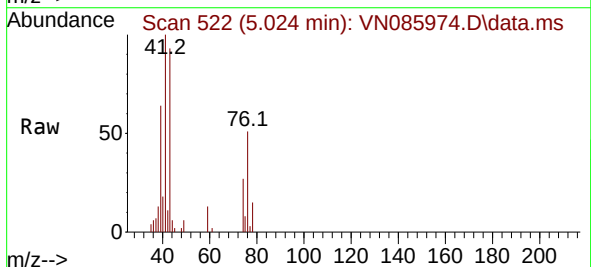
Manual Integrations
APPROVED

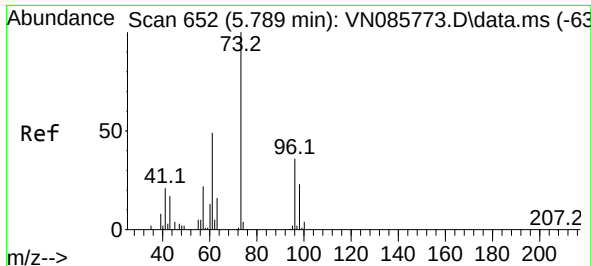
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#18
Methyl Acetate
Concen: 16.552 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

Tgt Ion: 43 Resp: 33247
Ion Ratio Lower Upper
43 100
74 29.2 22.2 33.4





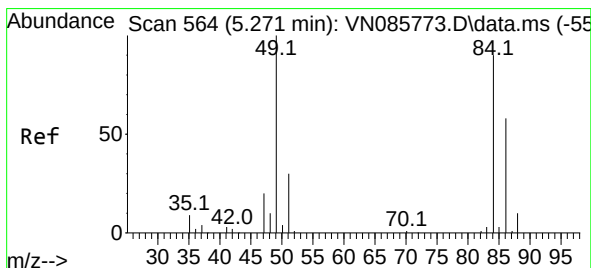
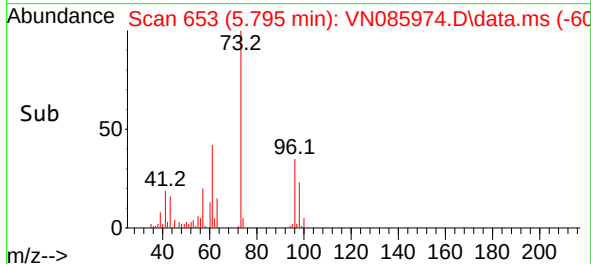
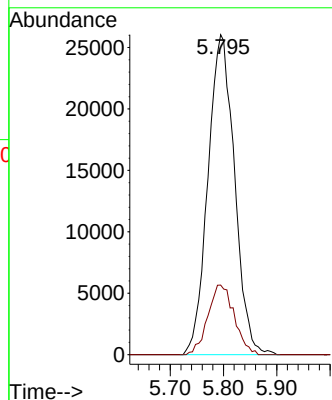
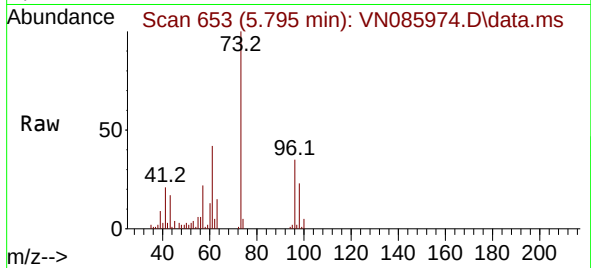
#19
Methyl tert-butyl Ether
Concen: 19.440 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

Tgt Ion: 73 Resp: 90184
Ion Ratio Lower Upper
73 100
57 21.7 17.6 26.4

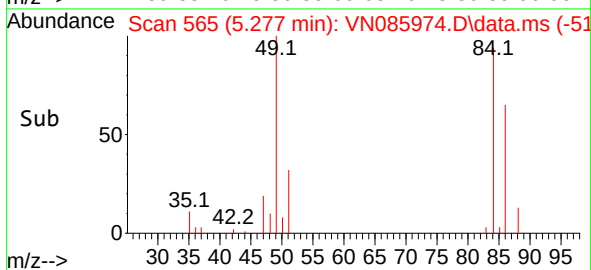
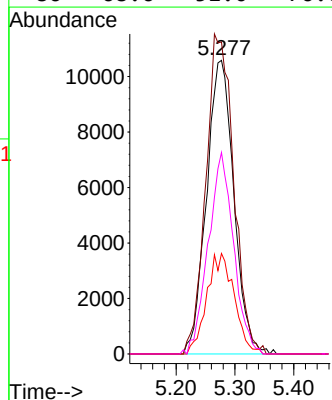
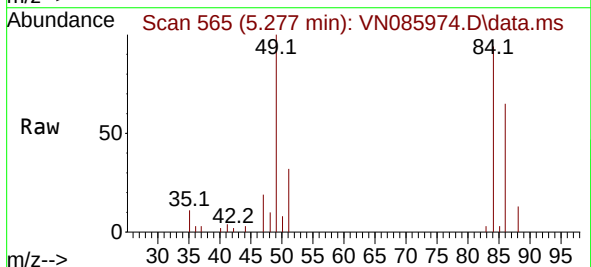
Manual Integrations
APPROVED

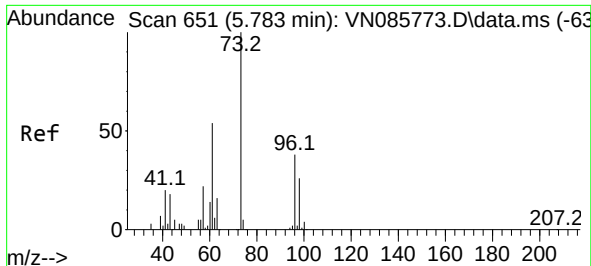
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#20
Methylene Chloride
Concen: 18.208 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

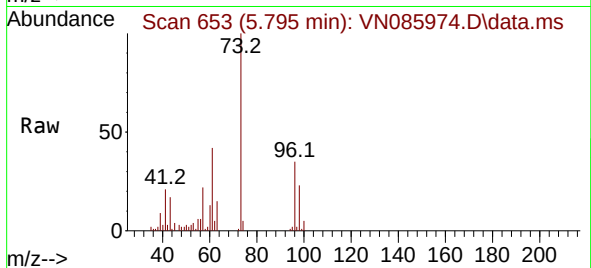
Tgt Ion: 84 Resp: 34195
Ion Ratio Lower Upper
84 100
49 106.3 88.4 132.6
51 34.2 26.6 40.0
86 68.6 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 16.939 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

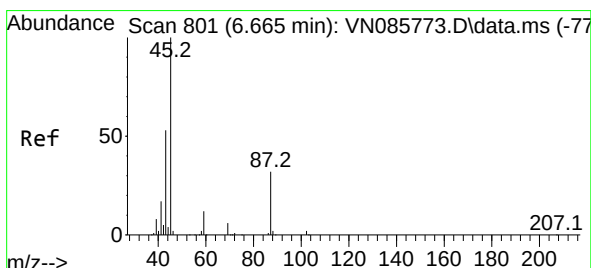
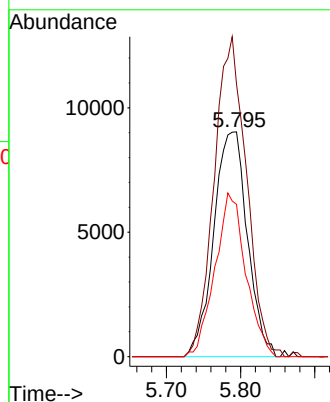
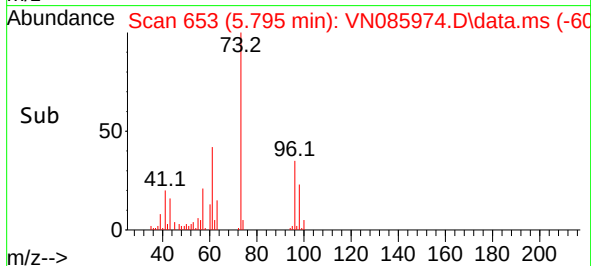
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



Tgt Ion: 96 Resp: 28474
Ion Ratio Lower Upper
96 100
61 121.2 112.6 168.8
98 67.8 53.3 79.9

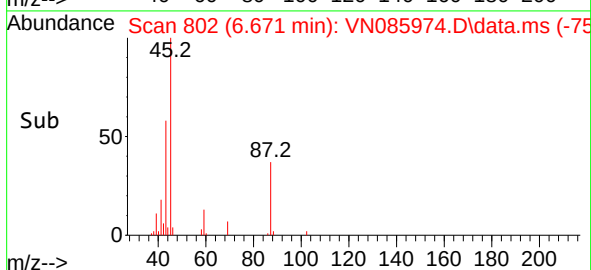
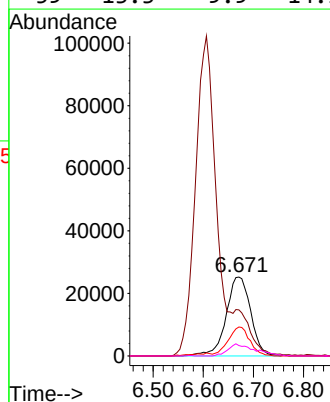
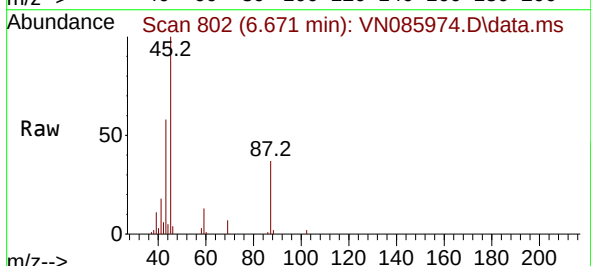
Manual Integrations
APPROVED

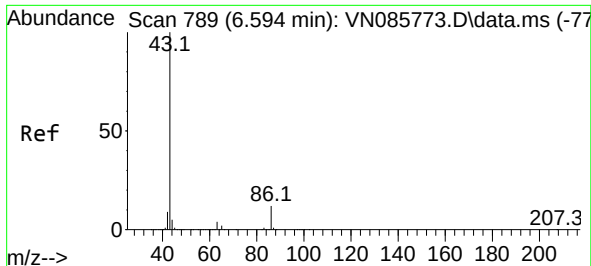
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#22
Diisopropyl ether
Concen: 18.505 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

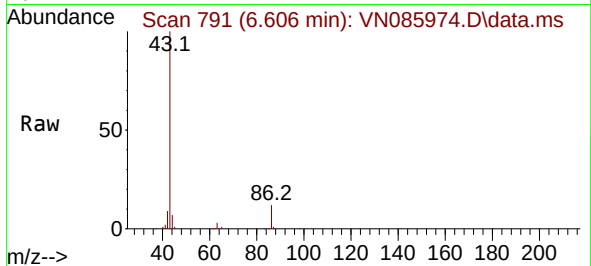
Tgt Ion: 45 Resp: 85704
Ion Ratio Lower Upper
45 100
43 56.1 42.6 64.0
87 36.6 25.8 38.8
59 13.3 9.9 14.9





#23
 Vinyl Acetate
 Concen: 92.283 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.012 min
 Lab File: VN085974.D
 Acq: 13 Mar 2025 12:36

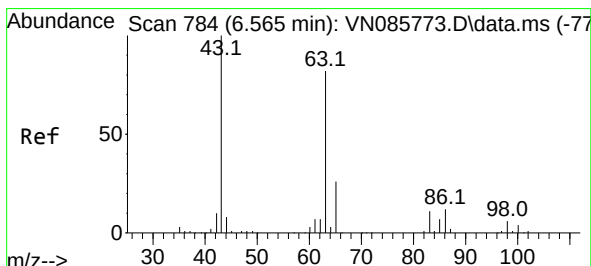
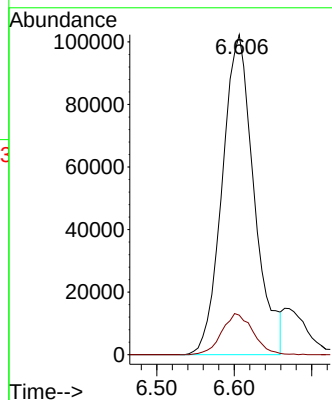
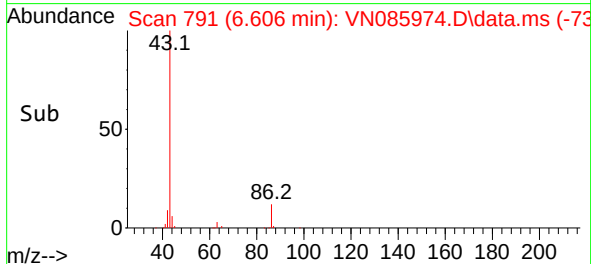
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0313WBSD01



Tgt Ion: 43 Resp: 292640
 Ion Ratio Lower Upper
 43 100
 86 12.3 9.8 14.8

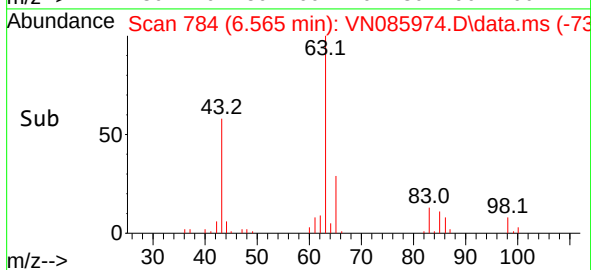
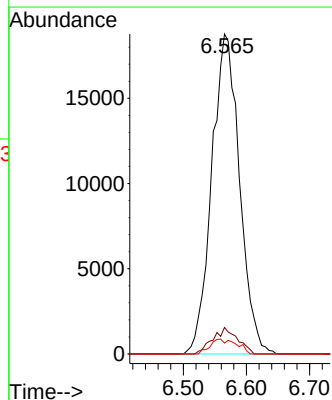
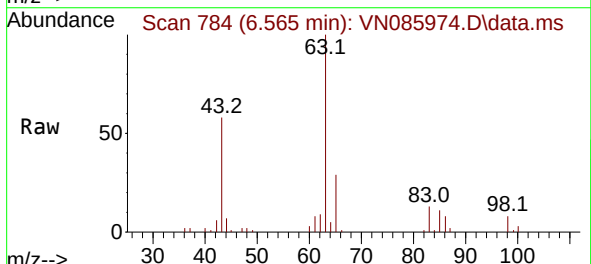
Manual Integrations
 APPROVED

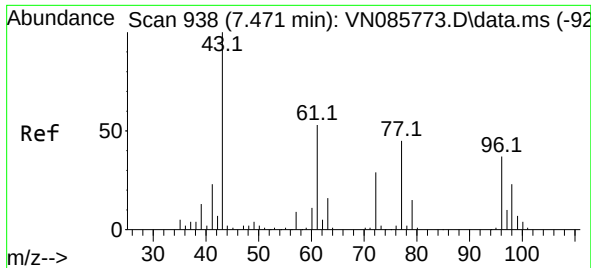
Reviewed By :John Carlone 03/14/2025
 Supervised By :Mahesh Dadoda 03/17/2025



#24
 1,1-Dichloroethane
 Concen: 18.232 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085974.D
 Acq: 13 Mar 2025 12:36

Tgt Ion: 63 Resp: 57401
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.5 10.4
 100 3.4 2.4 7.2





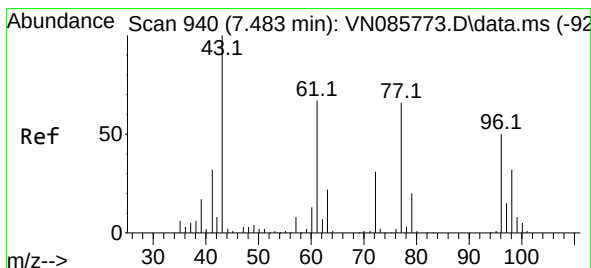
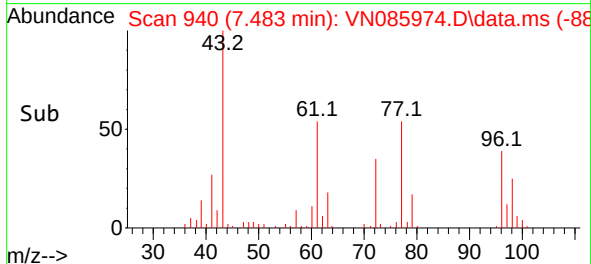
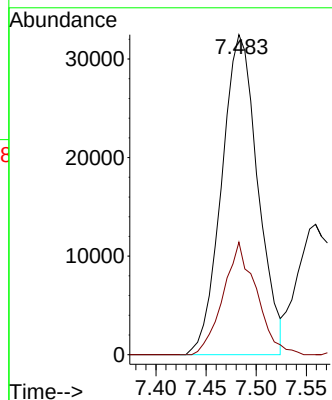
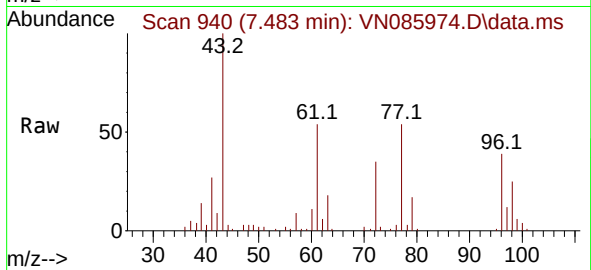
#25
2-Butanone
Concen: 94.984 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

Tgt Ion: 43 Resp: 8160
Ion Ratio Lower Upper
43 100
72 35.2 23.6 35.4

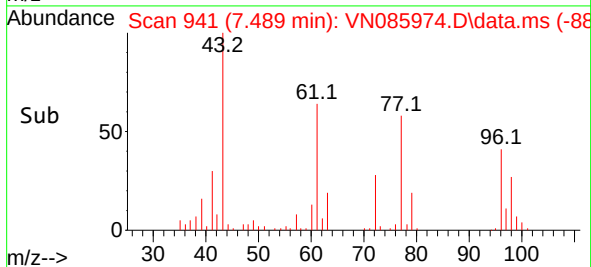
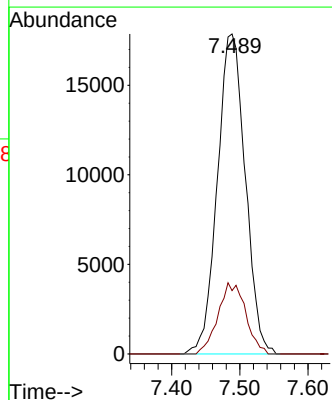
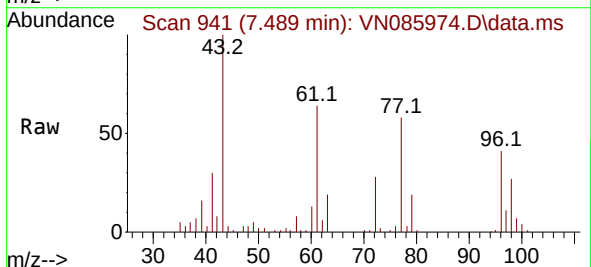
Manual Integrations
APPROVED

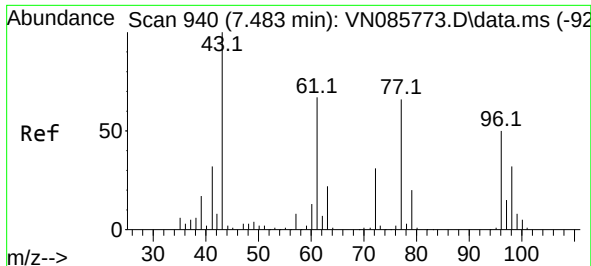
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#26
2,2-Dichloropropane
Concen: 18.186 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

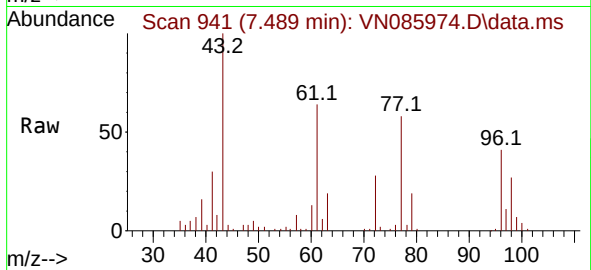
Tgt Ion: 77 Resp: 50913
Ion Ratio Lower Upper
77 100
97 22.0 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 17.691 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085974.D
 Acq: 13 Mar 2025 12:36

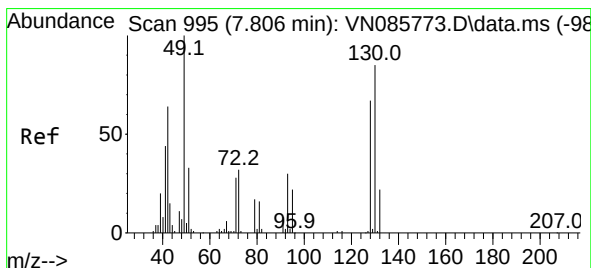
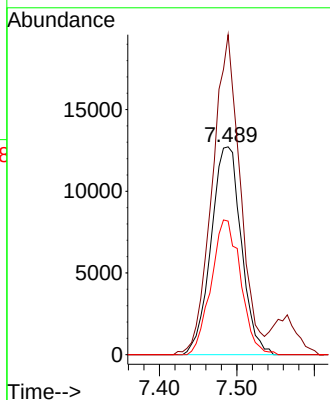
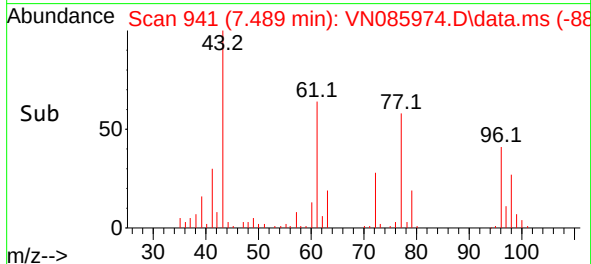
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0313WBSD01



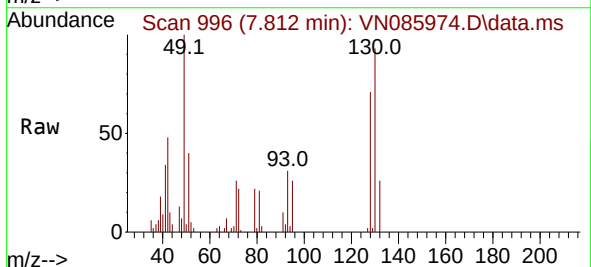
Tgt Ion: 96 Resp: 3448
 Ion Ratio Lower Upper
 96 100
 61 142.2 0.0 280.6
 98 63.3 0.0 128.6

Manual Integrations
 APPROVED

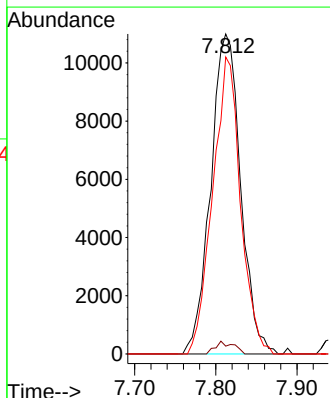
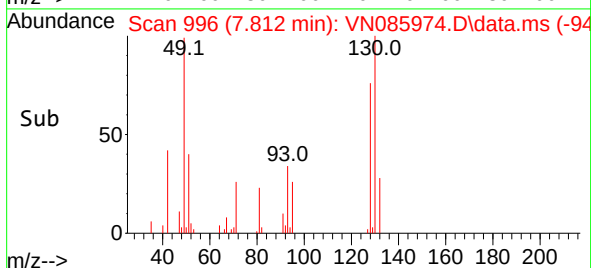
Reviewed By :John Carlone 03/14/2025
 Supervised By :Mahesh Dadoda 03/17/2025

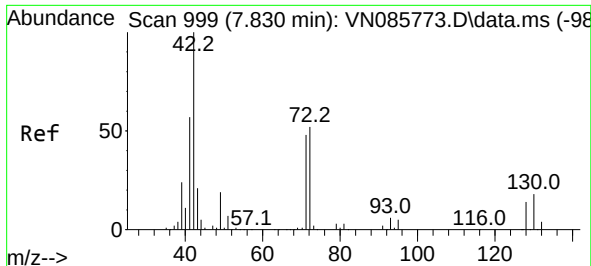


#28
 Bromochloromethane
 Concen: 21.828 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085974.D
 Acq: 13 Mar 2025 12:36



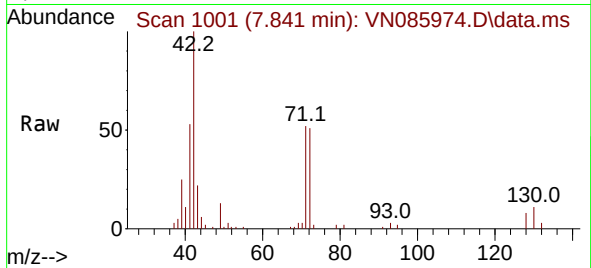
Tgt Ion: 49 Resp: 28246
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 3.8
 130 86.1 68.0 102.0





#29
Tetrahydrofuran
Concen: 100.379 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

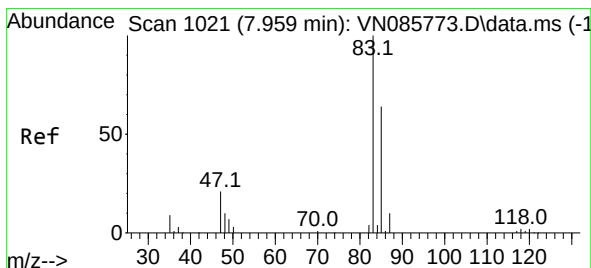
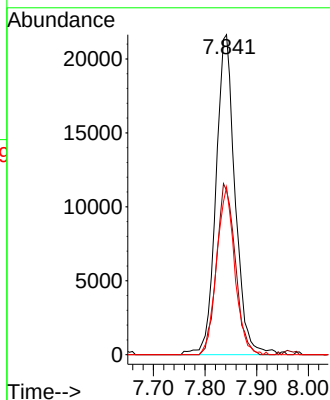
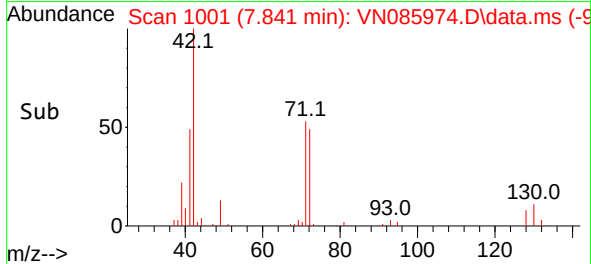
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



Tgt Ion: 42 Resp: 55689
Ion Ratio Lower Upper
42 100
72 52.2 40.0 60.0
71 49.7 37.0 55.4

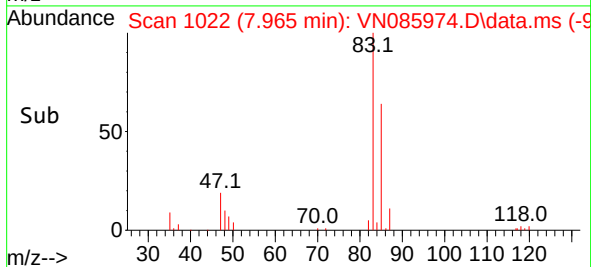
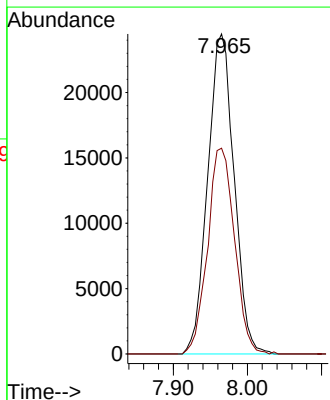
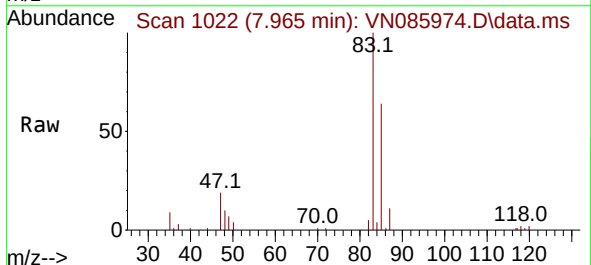
Manual Integrations
APPROVED

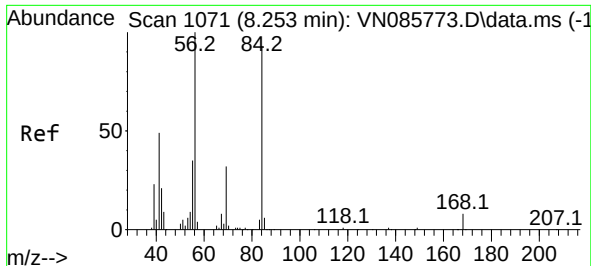
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#30
Chloroform
Concen: 18.433 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

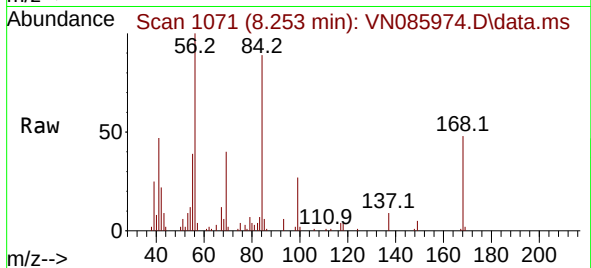
Tgt Ion: 83 Resp: 60649
Ion Ratio Lower Upper
83 100
85 64.3 50.9 76.3





#31
Cyclohexane
Concen: 16.650 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

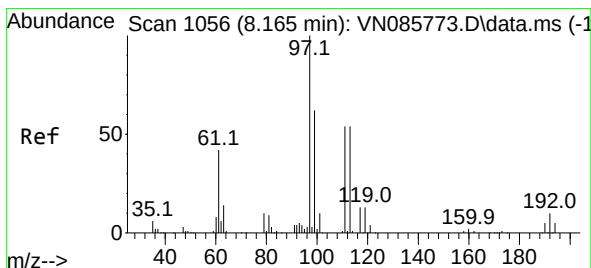
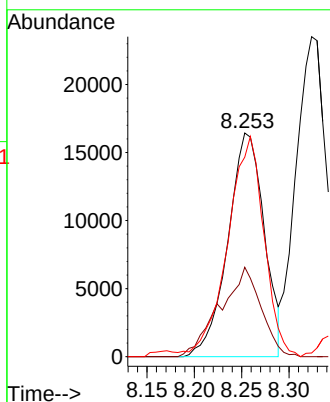
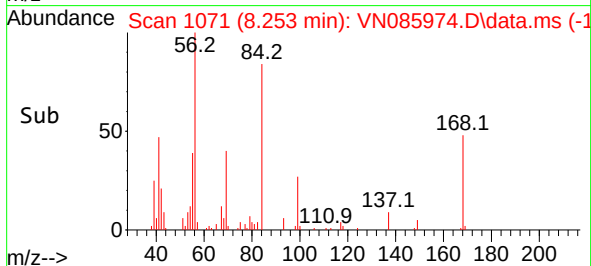
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



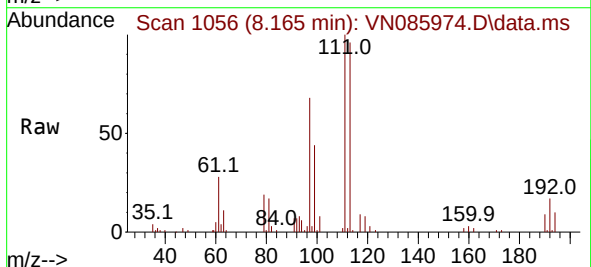
Tgt Ion: 56 Resp: 43890
Ion Ratio Lower Upper
56 100
69 40.0 25.8 38.6
84 87.4 74.5 111.7

Manual Integrations
APPROVED

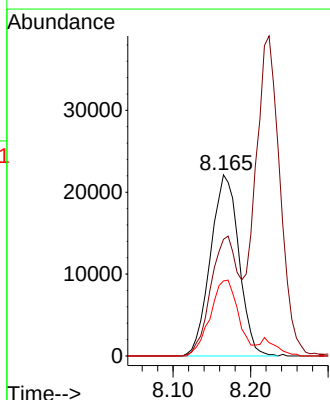
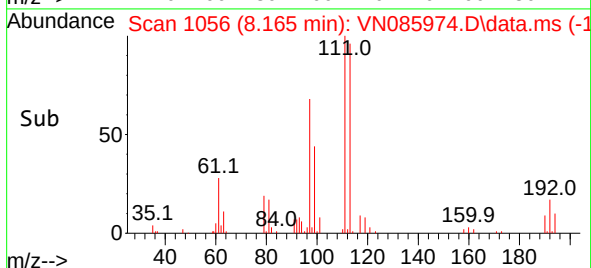
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025

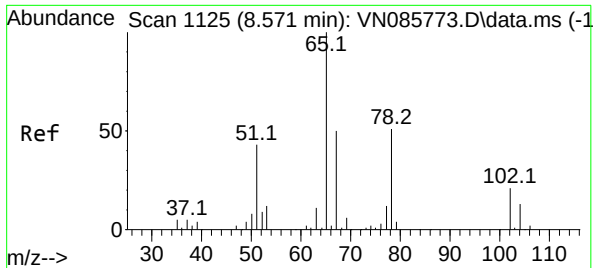


#32
1,1,1-Trichloroethane
Concen: 19.228 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36



Tgt Ion: 97 Resp: 56269
Ion Ratio Lower Upper
97 100
99 63.9 50.4 75.6
61 42.1 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 48.896 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085974.D

Acq: 13 Mar 2025 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0313WBSD01

Tgt Ion: 65 Resp: 9024

Ion Ratio Lower Upper

65 100

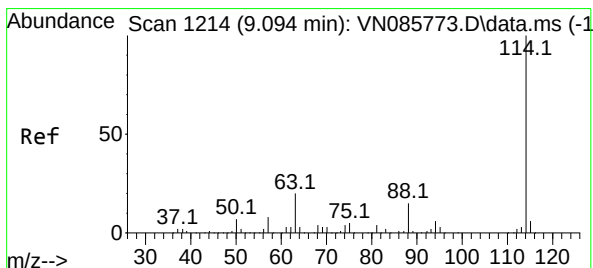
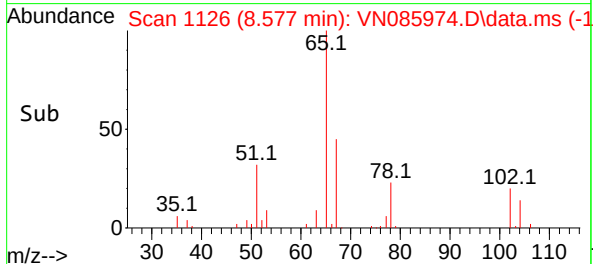
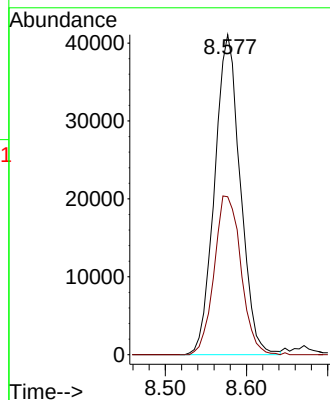
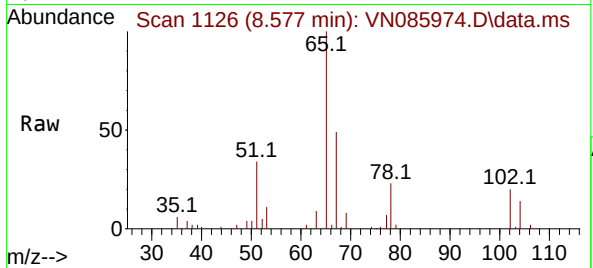
67 51.7 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2025

Supervised By :Mahesh Dadoda 03/17/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085974.D

Acq: 13 Mar 2025 12:36

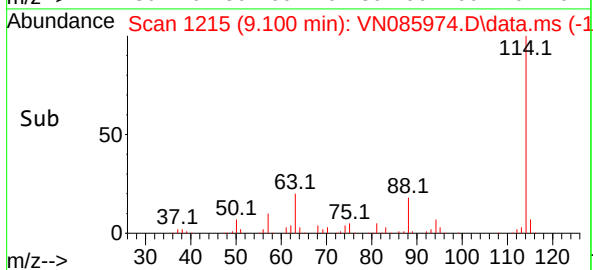
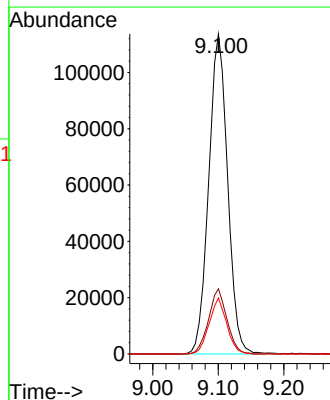
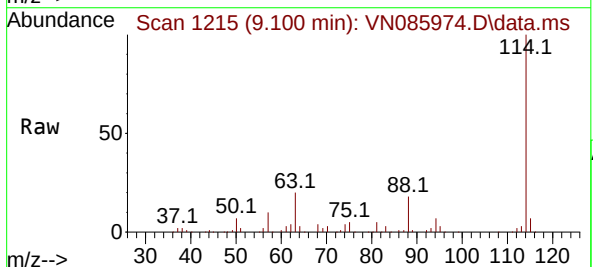
Tgt Ion:114 Resp: 227743

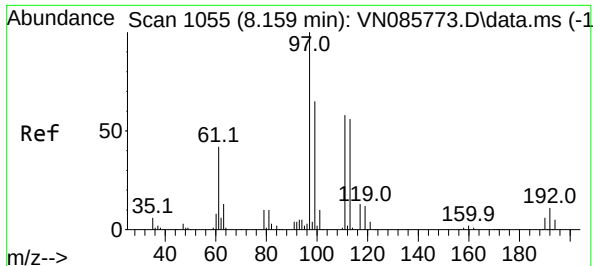
Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.2

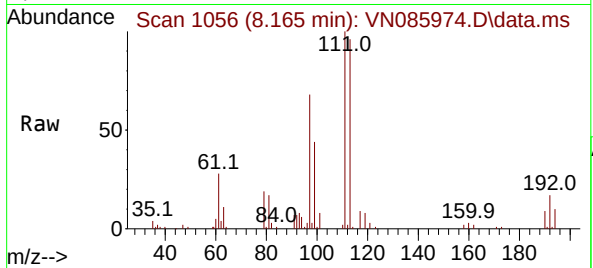
88 17.5 0.0 30.0





#35
Dibromofluoromethane
Concen: 48.692 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

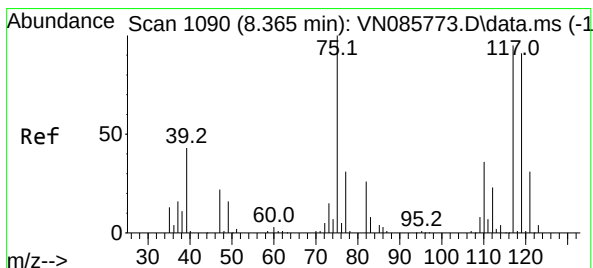
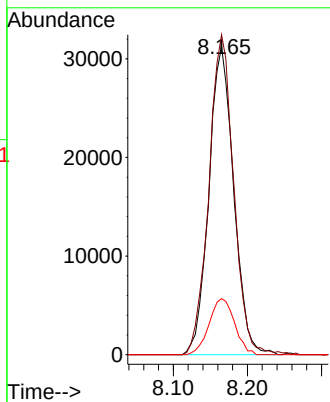
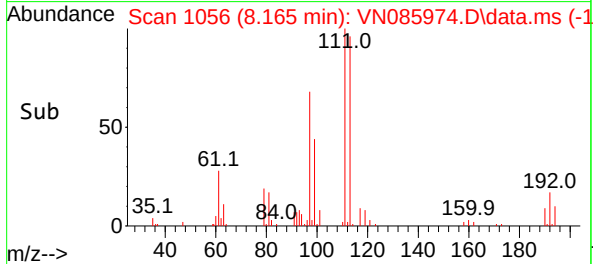
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



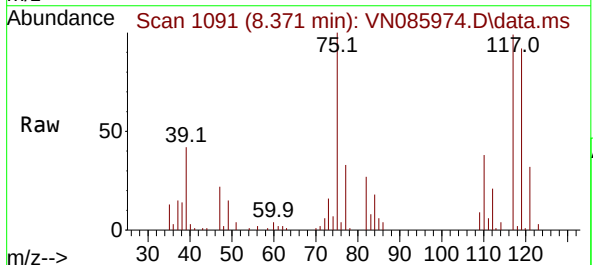
Tgt Ion: 113 Resp: 7256
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 18.7 14.7 22.1

Manual Integrations
APPROVED

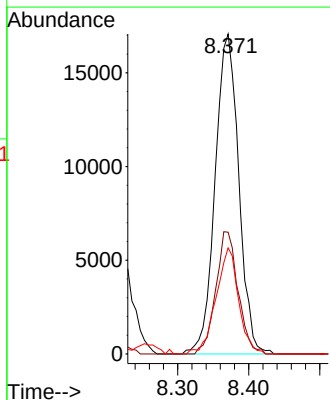
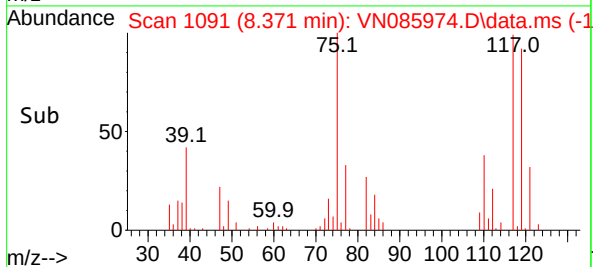
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025

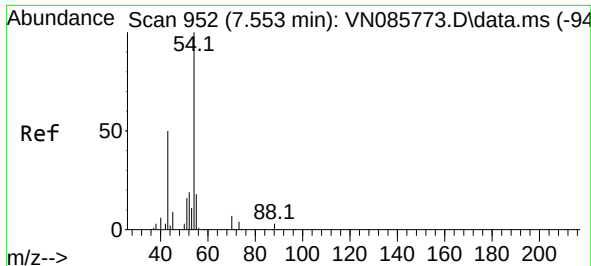


#36
1,1-Dichloropropene
Concen: 18.684 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36



Tgt Ion: 75 Resp: 39407
Ion Ratio Lower Upper
75 100
110 35.9 17.3 52.0
77 31.6 24.6 37.0





#37

Ethyl Acetate

Concen: 20.765 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN085974.D

Acq: 13 Mar 2025 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0313WBSD01

Tgt Ion: 43 Resp: 3604

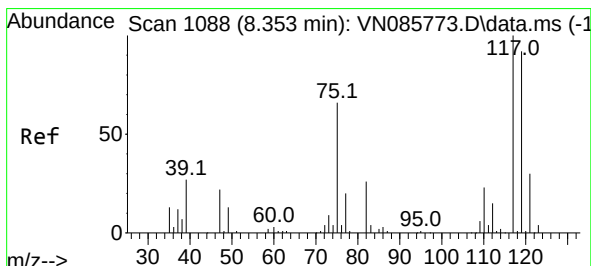
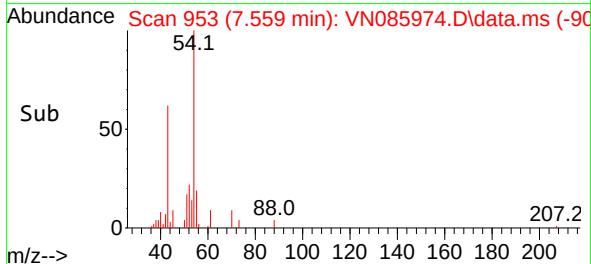
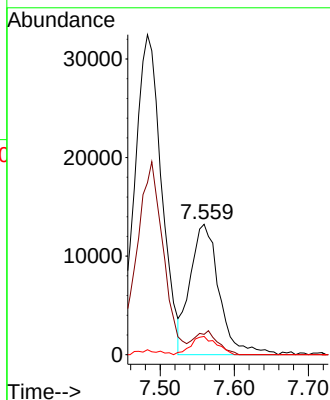
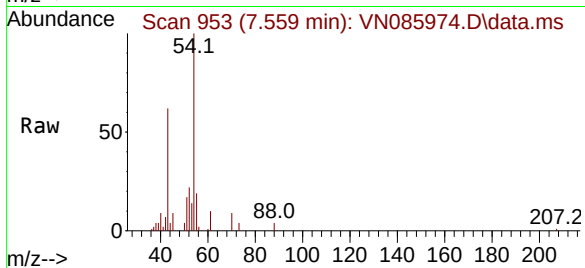
Ion	Ratio	Lower	Upper
43	100		
61	14.7	12.2	18.2
70	12.3	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2025

Supervised By :Mahesh Dadoda 03/17/2025



#38

Carbon Tetrachloride

Concen: 20.080 ug/l

RT: 8.359 min Scan# 1089

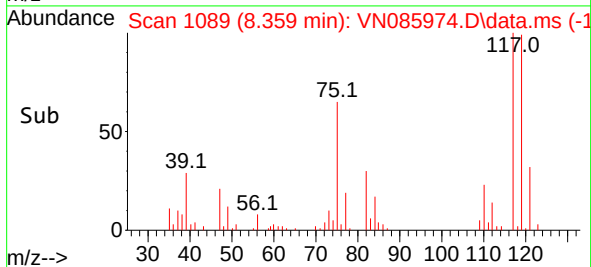
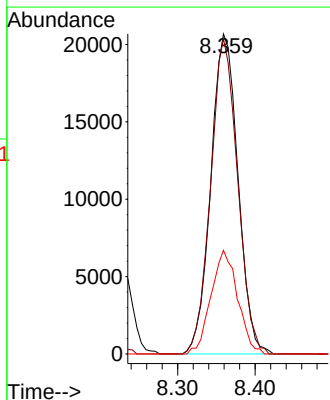
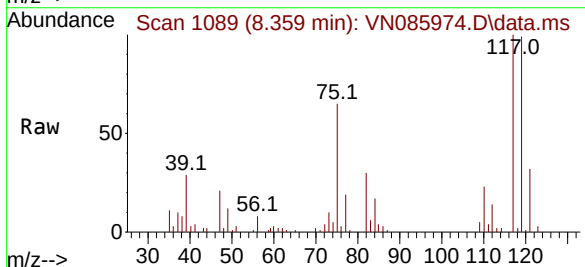
Delta R.T. 0.006 min

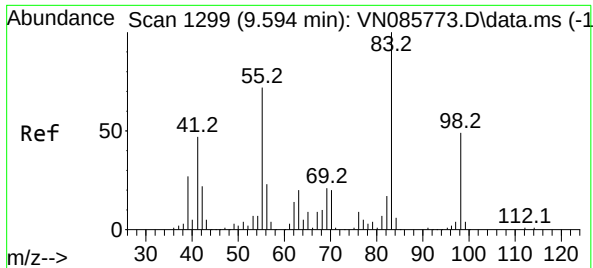
Lab File: VN085974.D

Acq: 13 Mar 2025 12:36

Tgt Ion:117 Resp: 50320

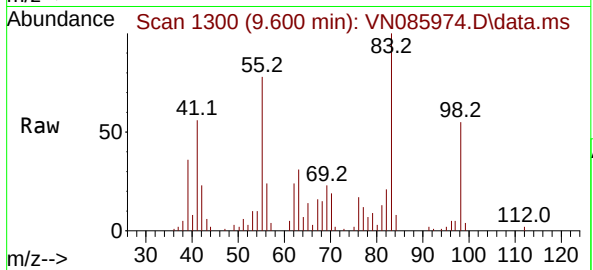
Ion	Ratio	Lower	Upper
117	100		
119	98.6	73.8	110.6
121	32.4	24.3	36.5





#39
Methylcyclohexane
Concen: 16.738 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

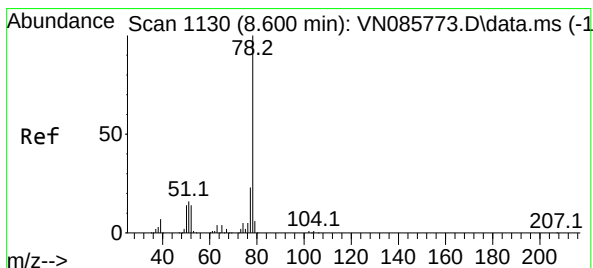
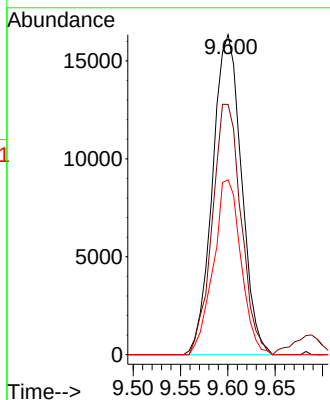
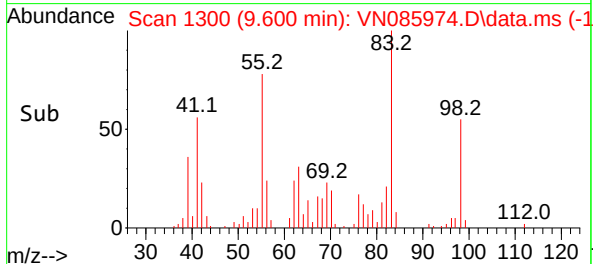
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



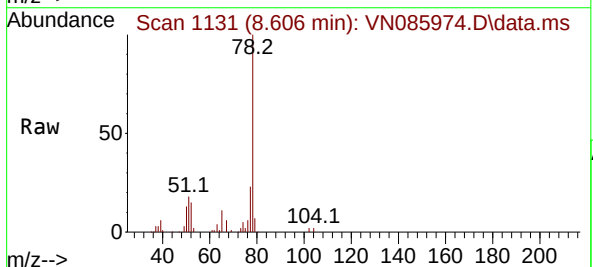
Tgt Ion: 83 Resp: 34680
Ion Ratio Lower Upper
83 100
55 78.2 57.5 86.3
98 54.6 39.2 58.8

Manual Integrations
APPROVED

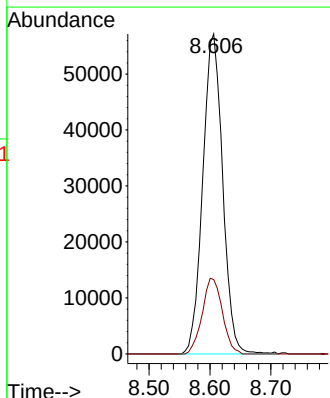
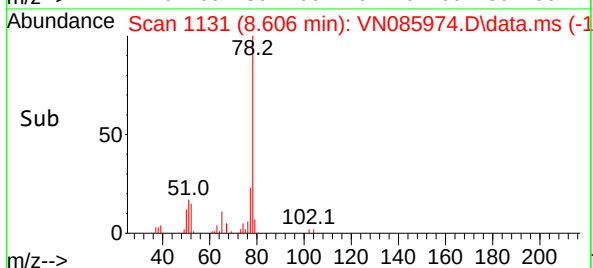
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025

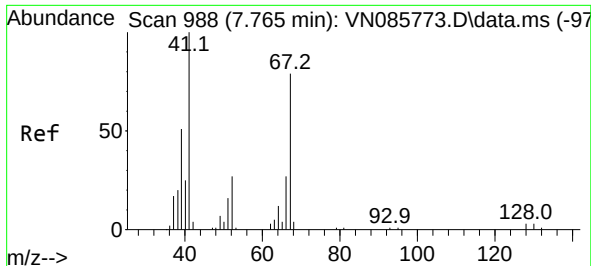


#40
Benzene
Concen: 19.219 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36



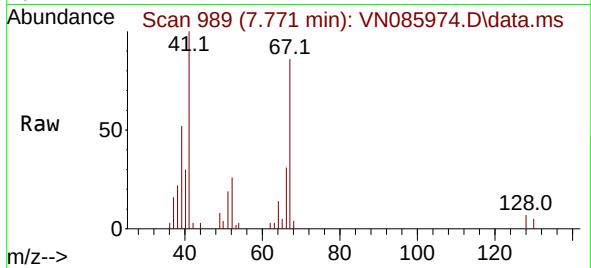
Tgt Ion: 78 Resp: 129918
Ion Ratio Lower Upper
78 100
77 23.3 18.3 27.5





#41
Methacrylonitrile
Concen: 19.495 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

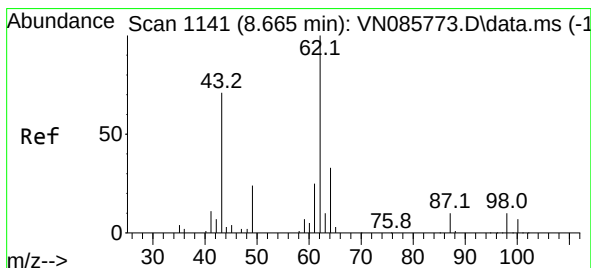
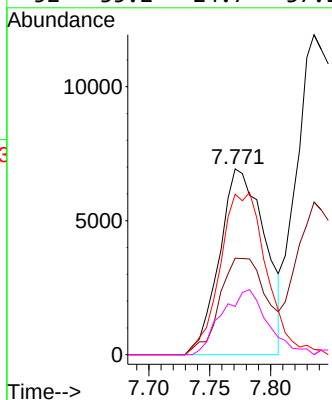
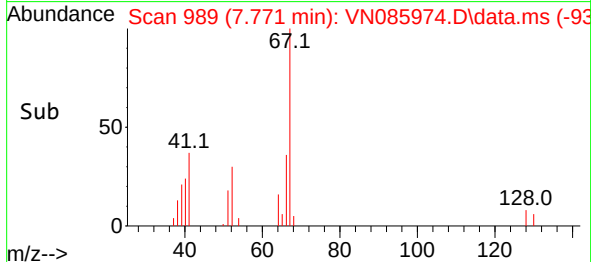
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



Tgt Ion: 41 Resp: 1808
Ion Ratio Lower Upper
41 100
39 53.3 42.0 63.0
67 88.7 64.2 96.4
52 35.2 24.7 37.1

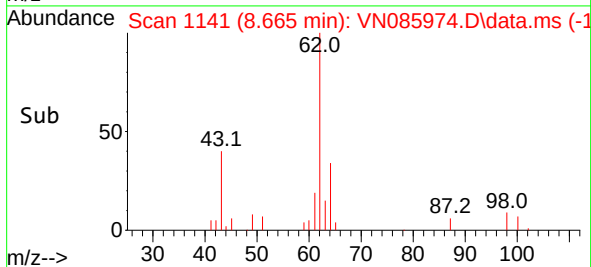
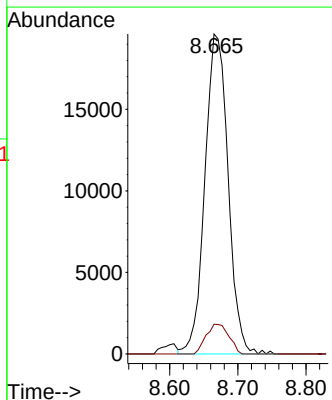
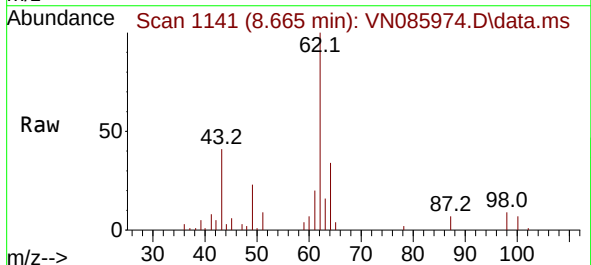
Manual Integrations
APPROVED

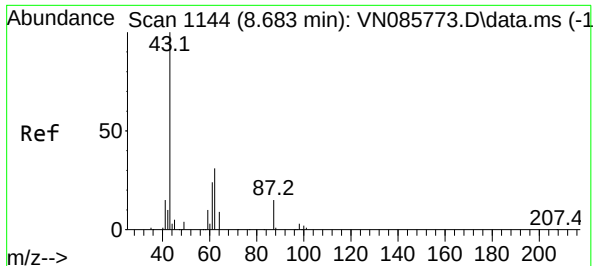
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#42
1,2-Dichloroethane
Concen: 21.129 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

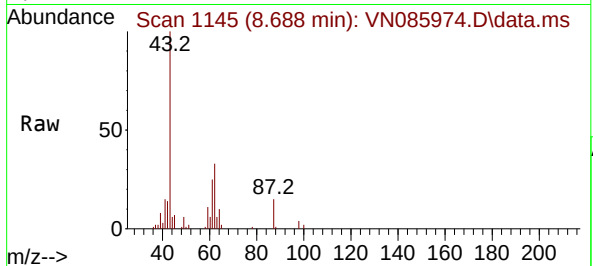
Tgt Ion: 62 Resp: 46523
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.6





#43
Isopropyl Acetate
Concen: 19.519 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

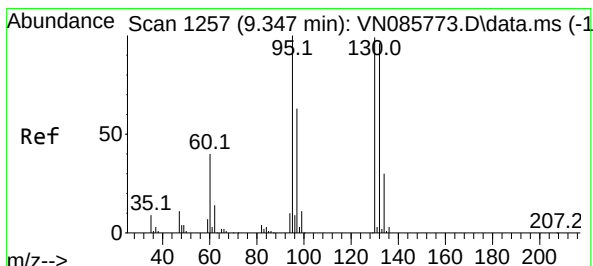
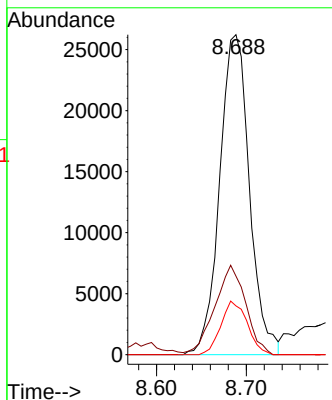
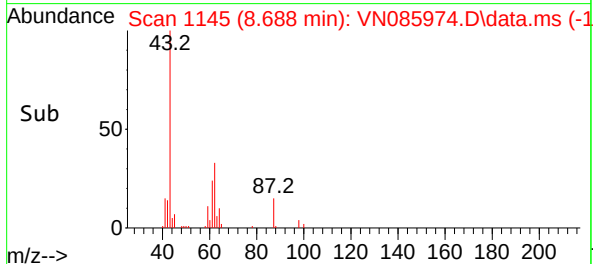
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



Tgt Ion: 43 Resp: 60470
Ion Ratio Lower Upper
43 100
61 29.1 22.6 34.0
87 14.9 11.8 17.8

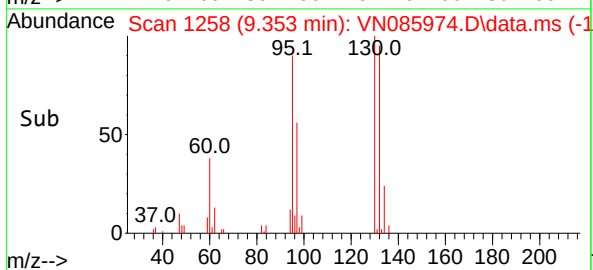
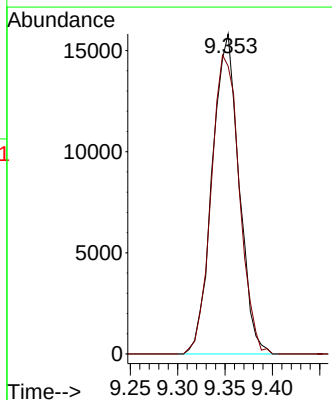
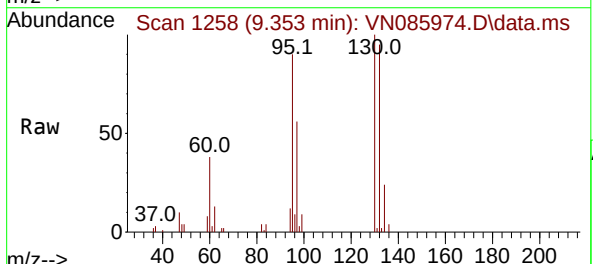
Manual Integrations
APPROVED

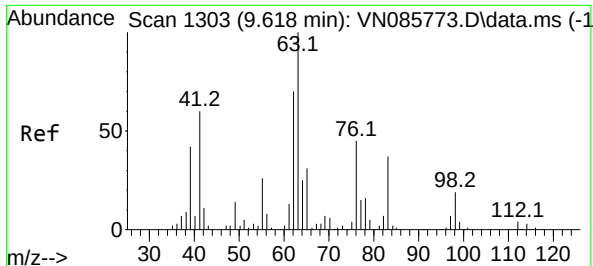
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#44
Trichloroethene
Concen: 18.772 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

Tgt Ion:130 Resp: 31157
Ion Ratio Lower Upper
130 100
95 89.9 0.0 202.6





#45

1,2-Dichloropropane

Concen: 19.164 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN085974.D

Acq: 13 Mar 2025 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0313WBSD01

Tgt Ion: 63 Resp: 31270

Ion Ratio Lower Upper

63 100

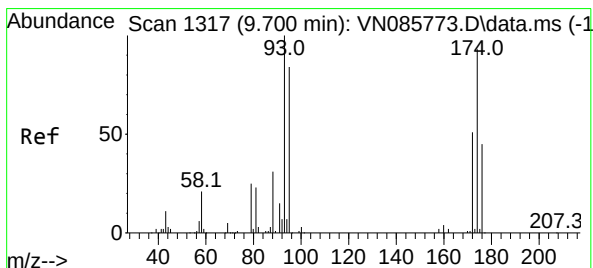
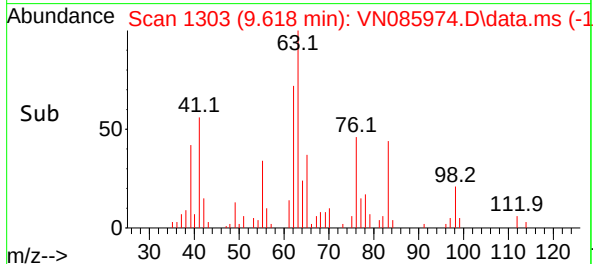
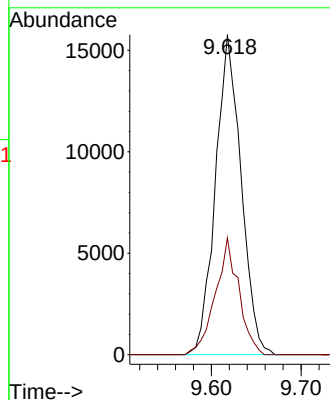
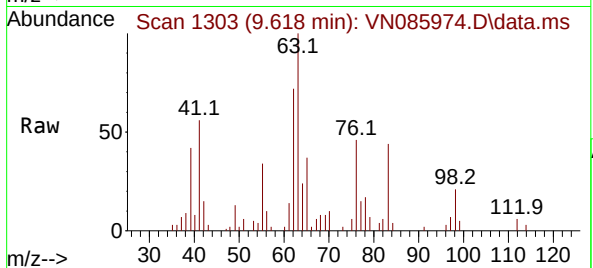
65 36.5 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2025

Supervised By :Mahesh Dadoda 03/17/2025



#46

Dibromomethane

Concen: 20.740 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085974.D

Acq: 13 Mar 2025 12:36

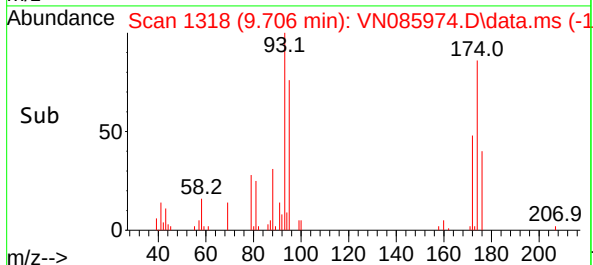
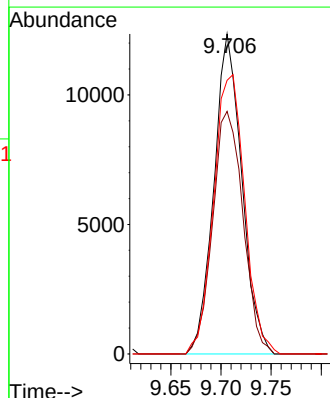
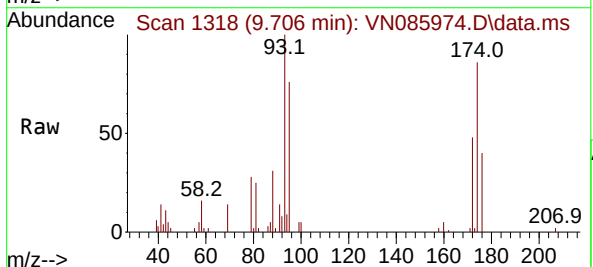
Tgt Ion: 93 Resp: 23870

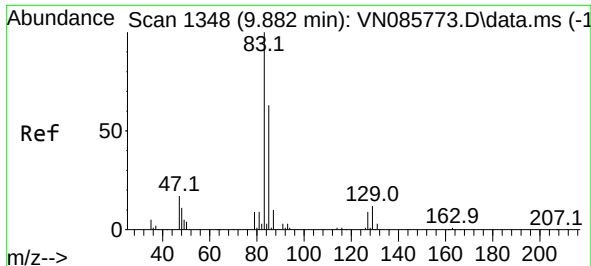
Ion Ratio Lower Upper

93 100

95 82.6 66.7 100.1

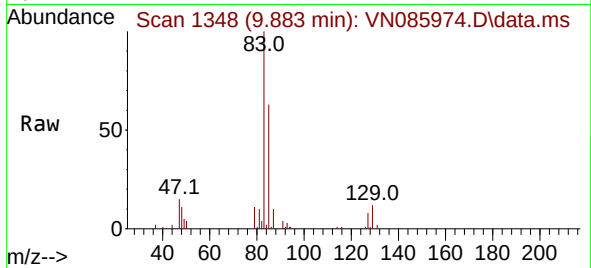
174 97.2 77.2 115.8





#47
Bromodichloromethane
Concen: 19.870 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

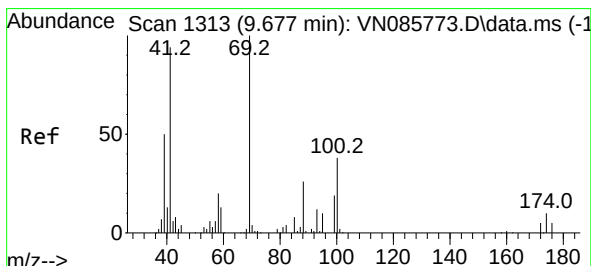
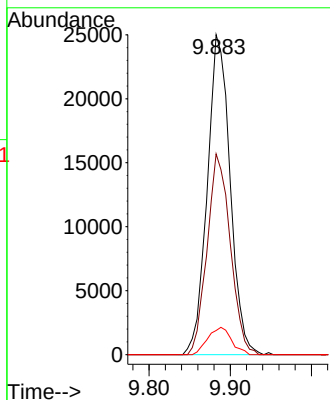
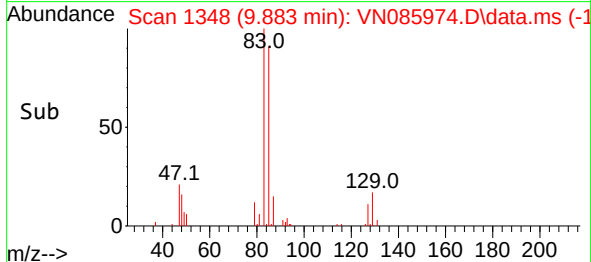
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



Tgt Ion: 83 Resp: 4892
Ion Ratio Lower Upper
83 100
85 62.7 50.5 75.7
127 7.6 7.2 10.8

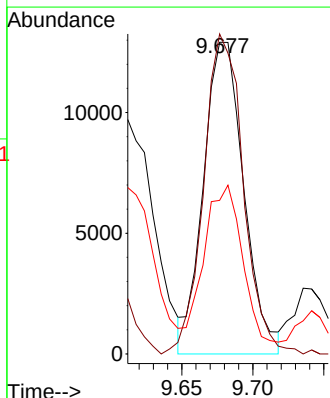
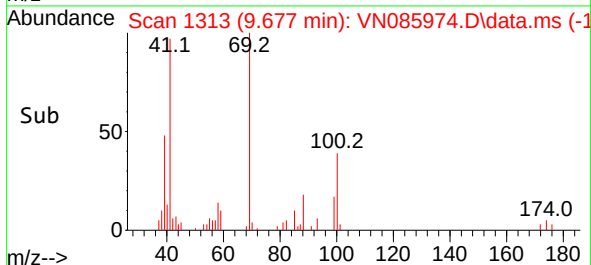
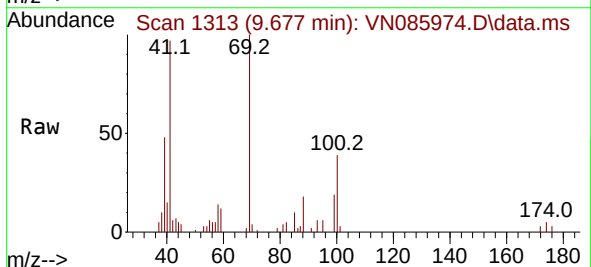
Manual Integrations
APPROVED

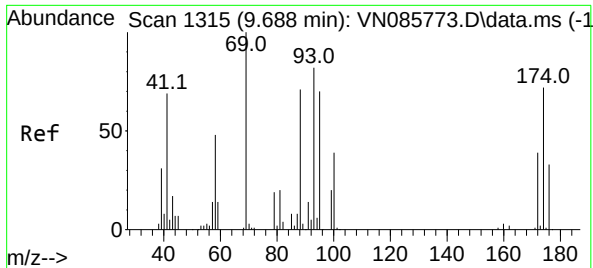
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#48
Methyl methacrylate
Concen: 19.822 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

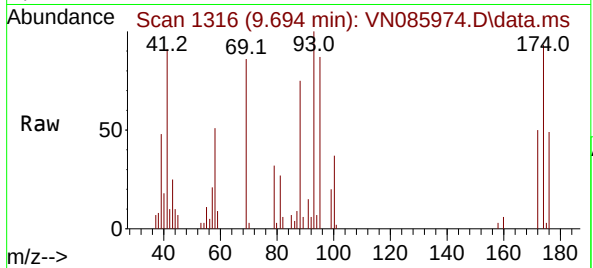
Tgt Ion: 41 Resp: 25551
Ion Ratio Lower Upper
41 100
69 100.9 76.0 114.0
39 54.4 42.3 63.5





#49
1,4-Dioxane
Concen: 452.268 ug/l
RT: 9.694 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

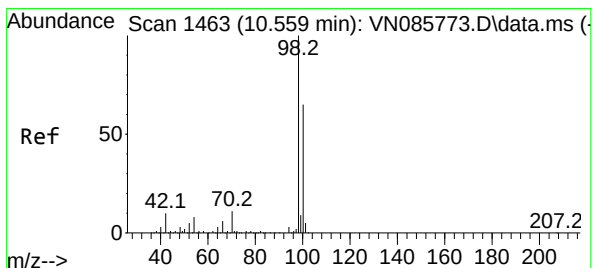
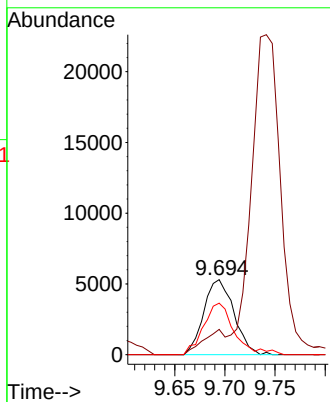
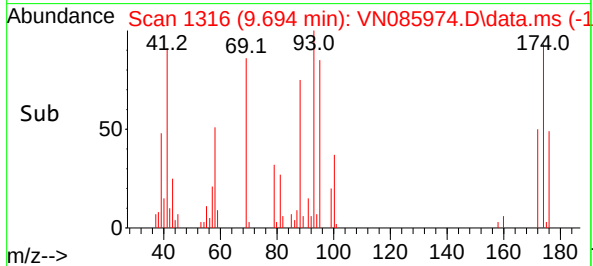
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



Tgt Ion: 88 Resp: 1108
Ion Ratio Lower Upper
88 100
43 24.1 18.6 27.8
58 69.9 56.7 85.1

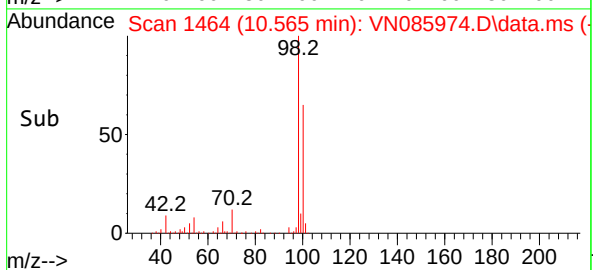
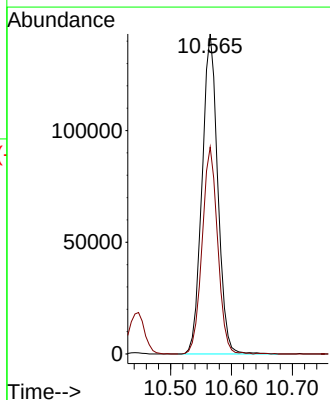
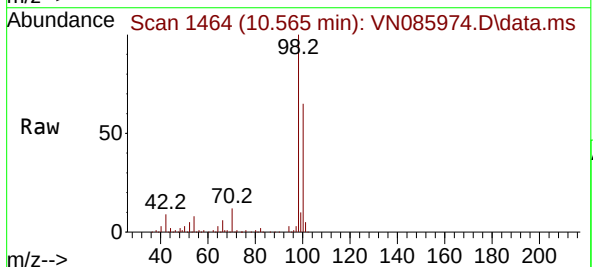
Manual Integrations
APPROVED

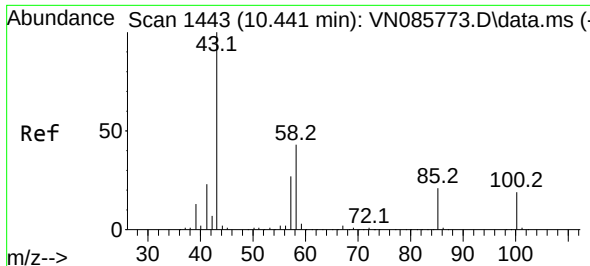
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#50
Toluene-d8
Concen: 47.288 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

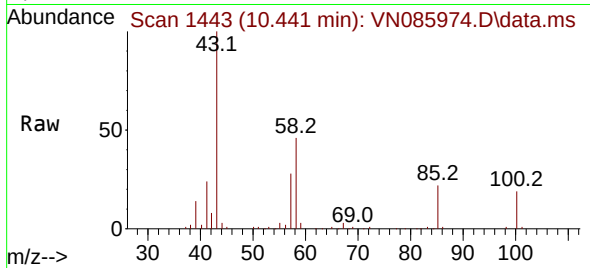
Tgt Ion: 98 Resp: 256395
Ion Ratio Lower Upper
98 100
100 63.8 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 105.202 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

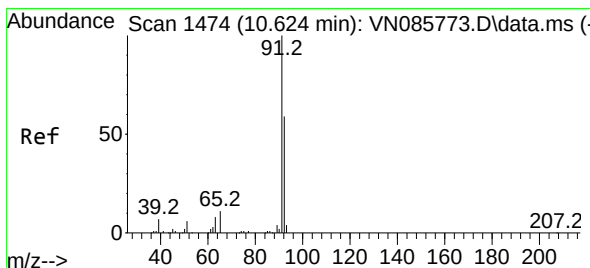
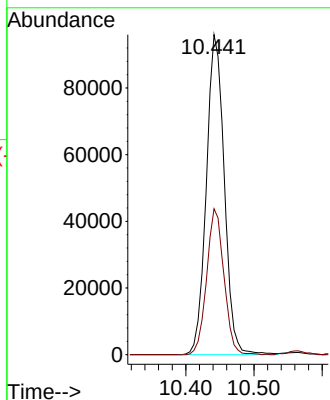
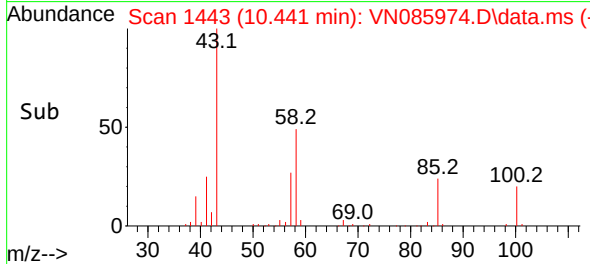
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



Tgt Ion: 43 Resp: 176040
Ion Ratio Lower Upper
43 100
58 43.8 34.6 52.0

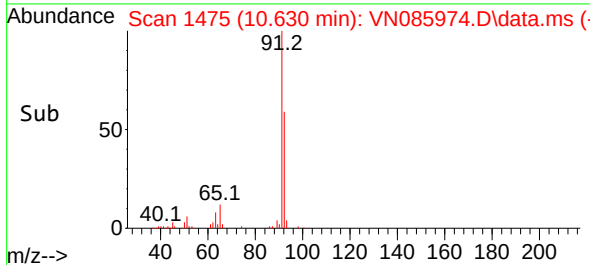
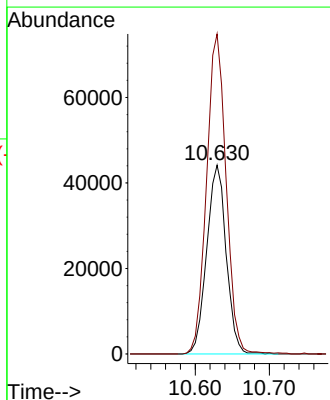
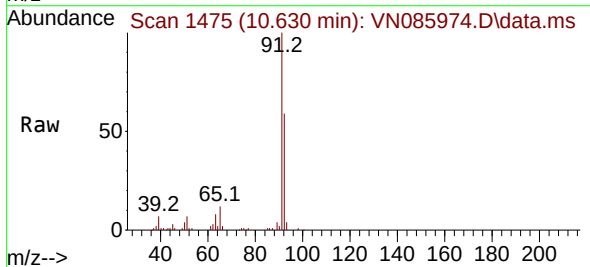
Manual Integrations
APPROVED

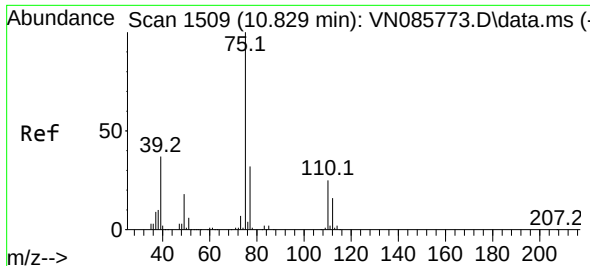
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#52
Toluene
Concen: 20.351 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

Tgt Ion: 92 Resp: 80641
Ion Ratio Lower Upper
92 100
91 170.2 136.9 205.3





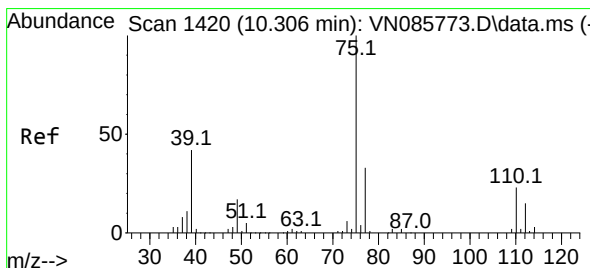
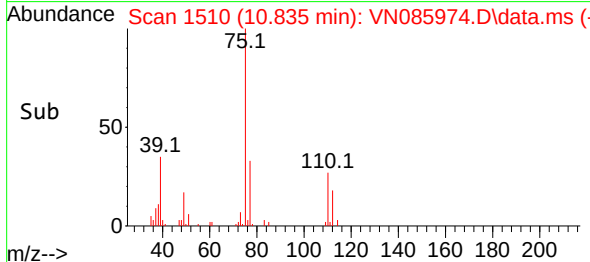
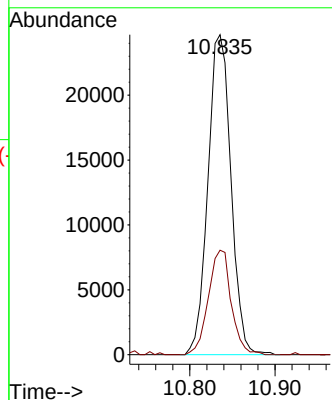
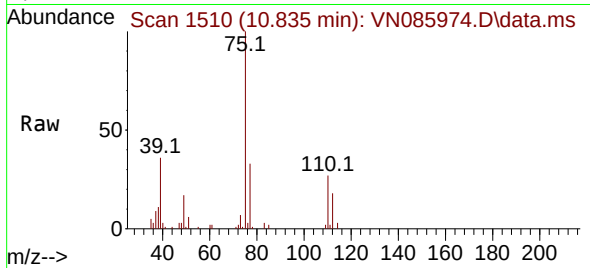
#53
t-1,3-Dichloropropene
Concen: 20.342 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

Tgt Ion: 75 Resp: 4631
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0

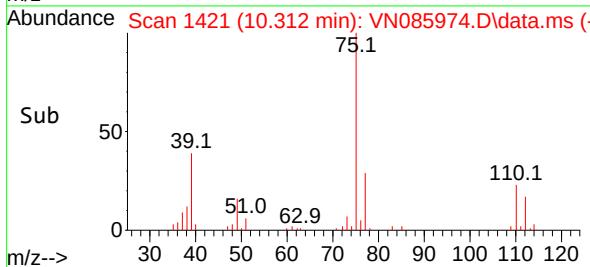
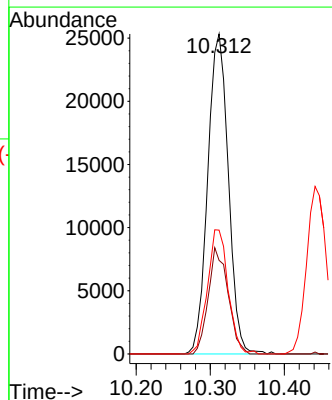
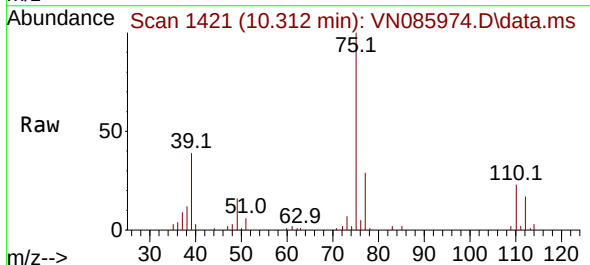
Manual Integrations
APPROVED

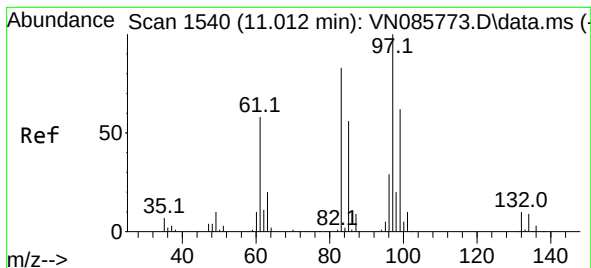
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#54
cis-1,3-Dichloropropene
Concen: 19.600 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

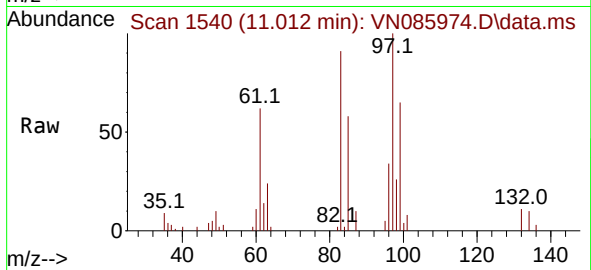
Tgt Ion: 75 Resp: 48936
Ion Ratio Lower Upper
75 100
77 29.3 26.1 39.1
39 38.7 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 19.514 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

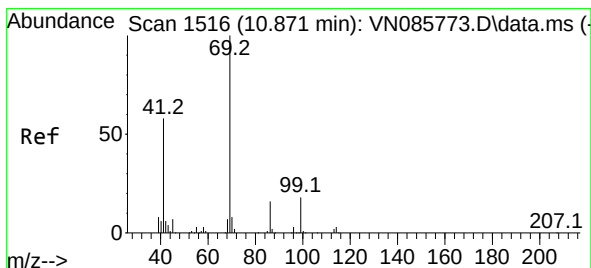
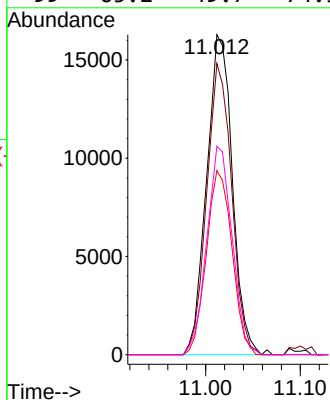
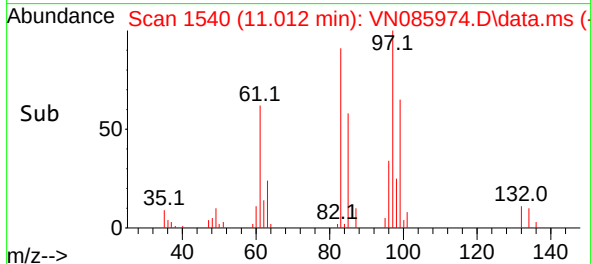
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



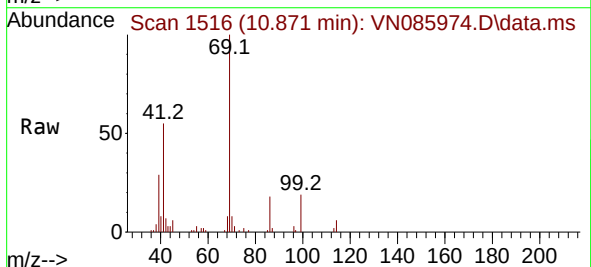
Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.0	66.1	99.1
85	57.6	44.7	67.1
99	65.2	49.7	74.5

Manual Integrations
APPROVED

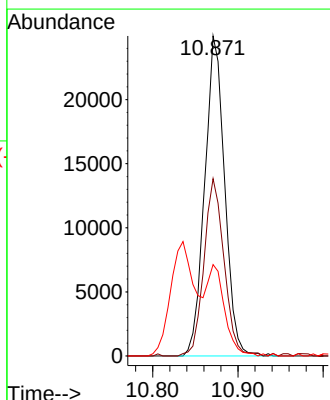
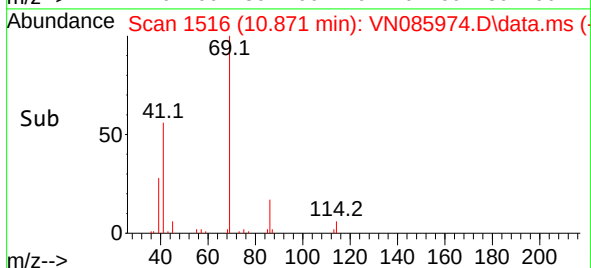
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025

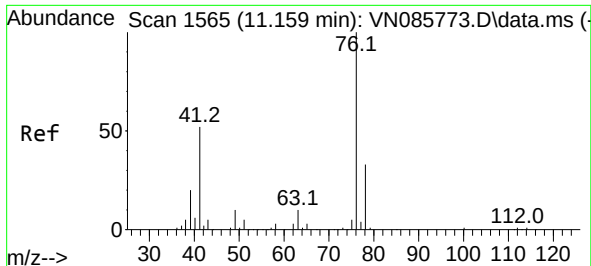


#56
Ethyl methacrylate
Concen: 19.587 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36



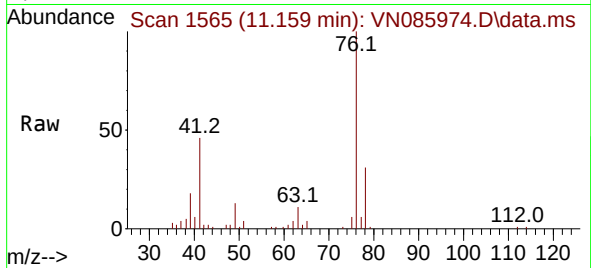
Tgt Ion	Ratio	Lower	Upper
69	100		
41	55.7	46.0	69.0
39	24.7	22.0	33.0





#57
1,3-Dichloropropane
Concen: 19.728 ug/l
RT: 11.159 min Scan# 11159
Delta R.T. 0.000 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

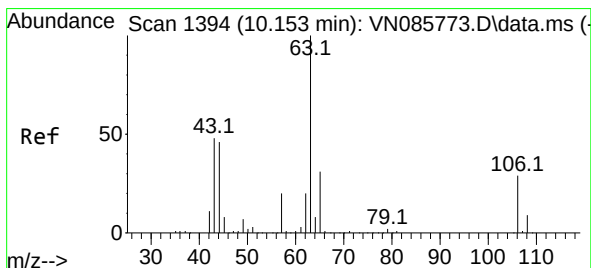
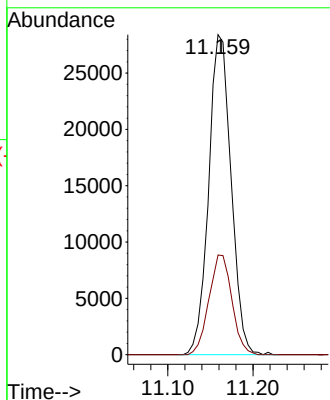
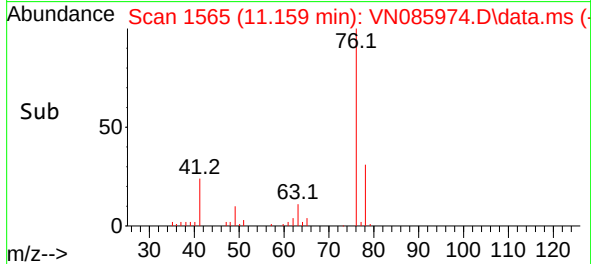
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



Tgt Ion: 76 Resp: 5188
Ion Ratio Lower Upper
76 100
78 31.9 25.9 38.9

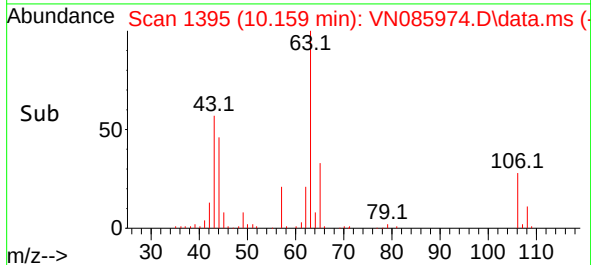
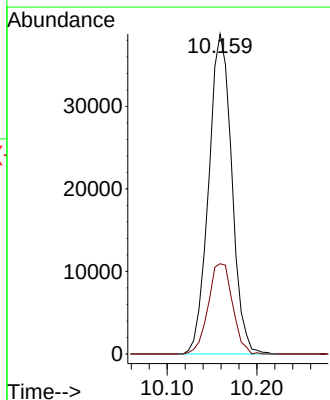
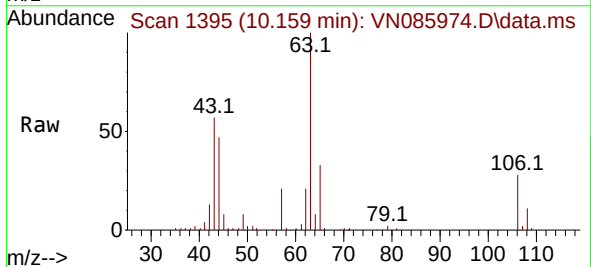
Manual Integrations
APPROVED

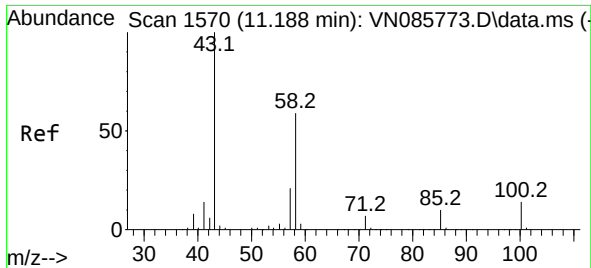
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#58
2-Chloroethyl Vinyl ether
Concen: 92.167 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

Tgt Ion: 63 Resp: 69322
Ion Ratio Lower Upper
63 100
106 29.7 22.7 34.1





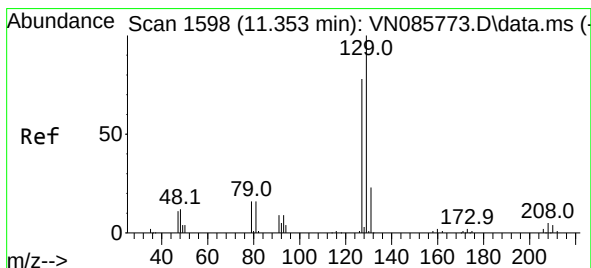
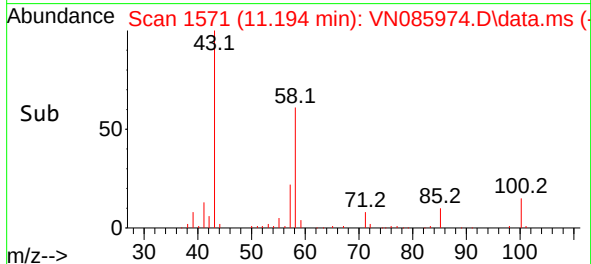
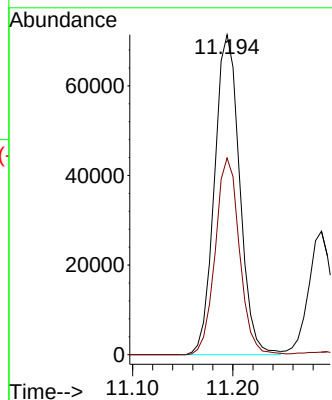
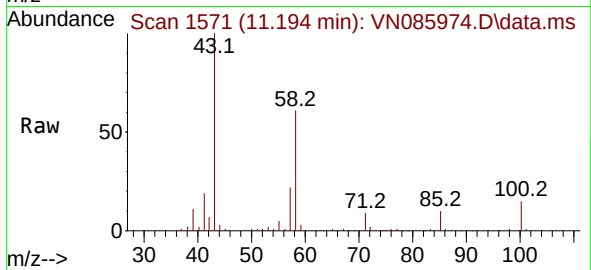
#59
2-Hexanone
Concen: 107.989 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

Tgt Ion: 43 Resp: 124319
Ion Ratio Lower Upper
43 100
58 59.2 29.8 89.5

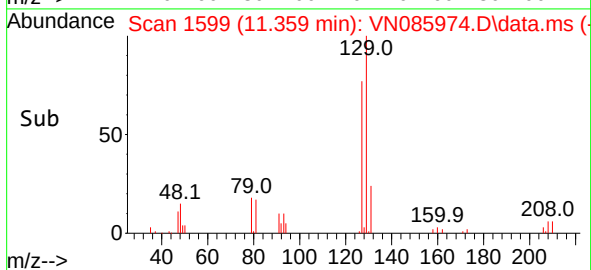
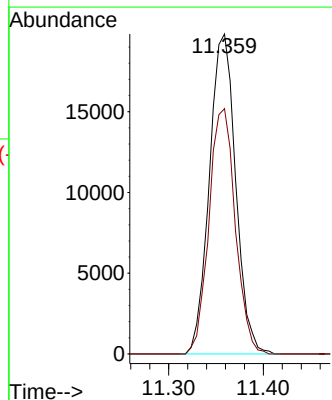
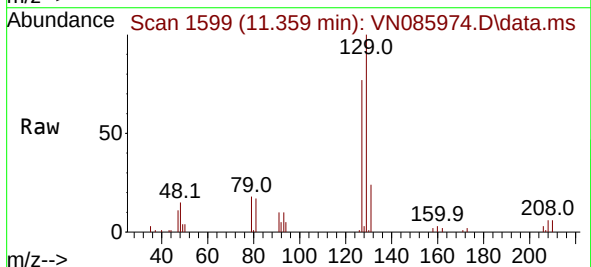
Manual Integrations
APPROVED

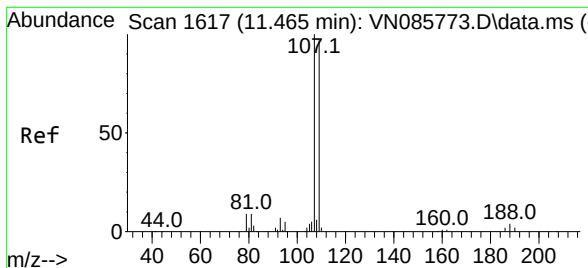
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#60
Dibromochloromethane
Concen: 20.829 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

Tgt Ion:129 Resp: 38212
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.5





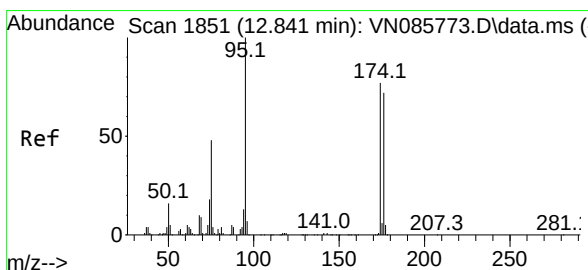
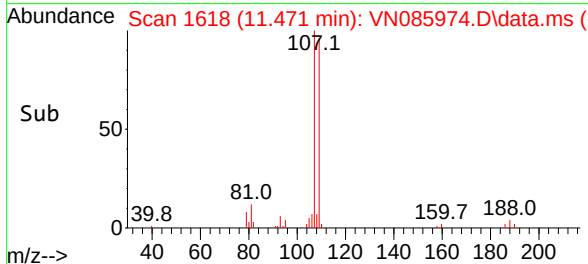
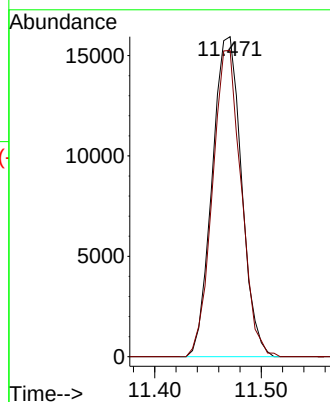
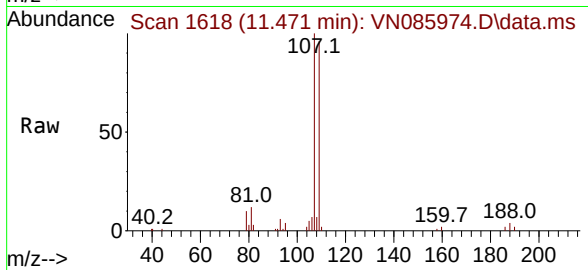
#61
1,2-Dibromoethane
Concen: 20.499 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

Tgt Ion:107 Resp: 30514
Ion Ratio Lower Upper
107 100
109 93.7 76.0 114.0

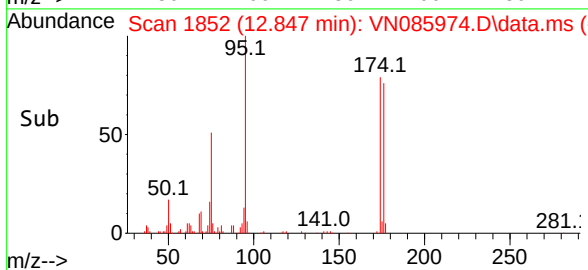
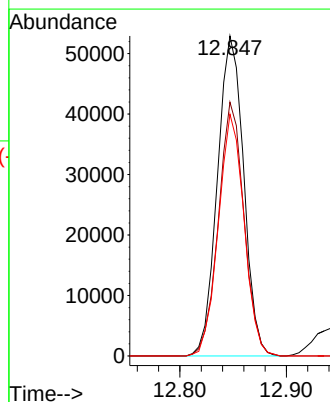
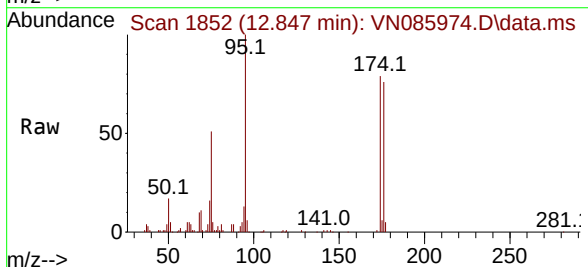
Manual Integrations
APPROVED

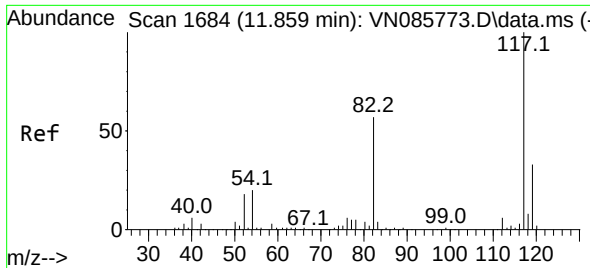
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#62
4-Bromofluorobenzene
Concen: 50.634 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

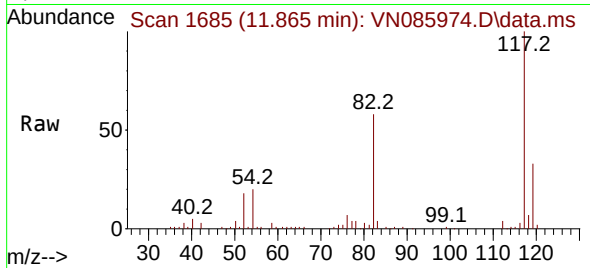
Tgt Ion: 95 Resp: 90453
Ion Ratio Lower Upper
95 100
174 77.4 0.0 152.4
176 74.0 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

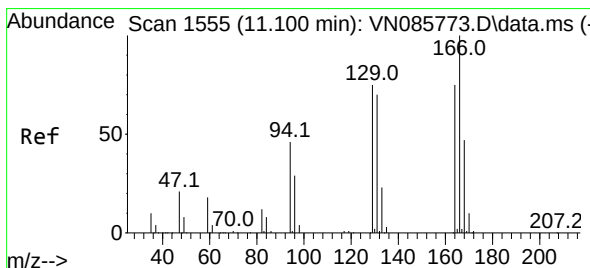
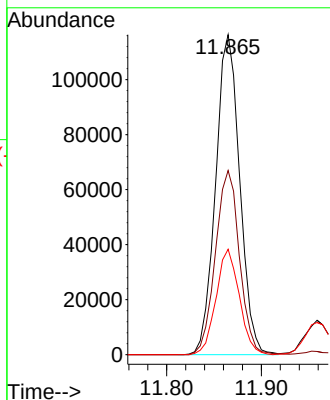
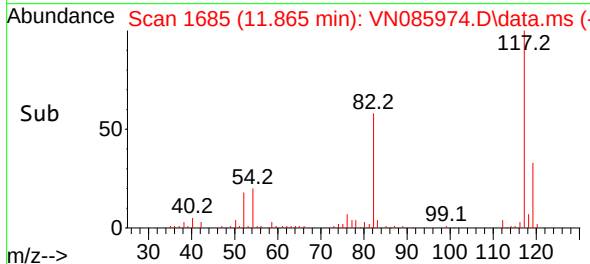
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



Tgt Ion:117 Resp: 20587
Ion Ratio Lower Upper
117 100
82 57.6 45.7 68.5
119 32.9 26.2 39.2

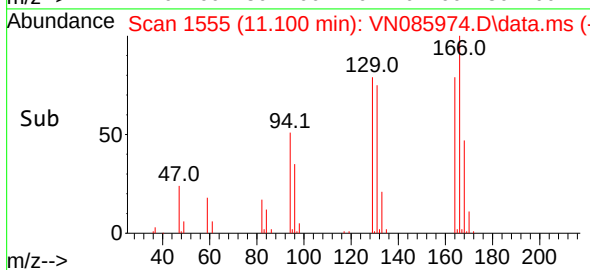
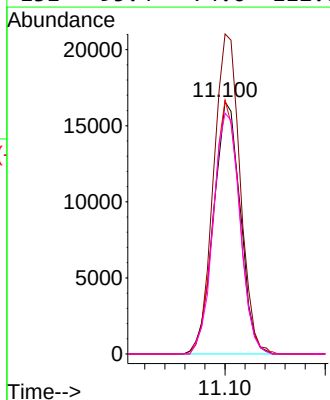
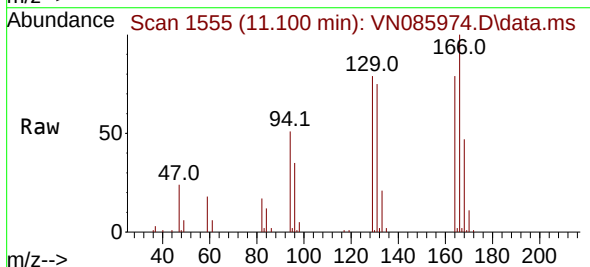
Manual Integrations
APPROVED

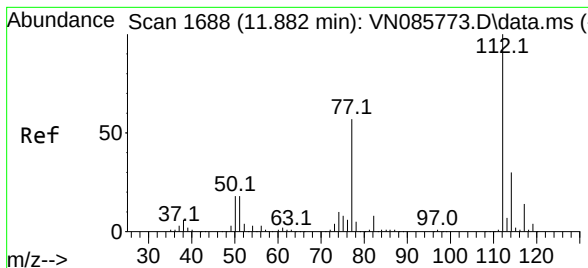
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#64
Tetrachloroethene
Concen: 19.223 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

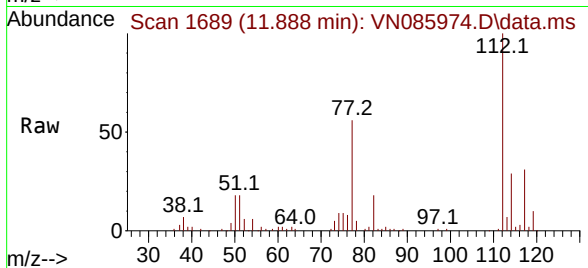
Tgt Ion:164 Resp: 30659
Ion Ratio Lower Upper
164 100
166 126.9 107.2 160.8
129 100.7 80.7 121.1
131 95.4 74.6 112.0





#65
Chlorobenzene
Concen: 18.360 ug/l
RT: 11.888 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

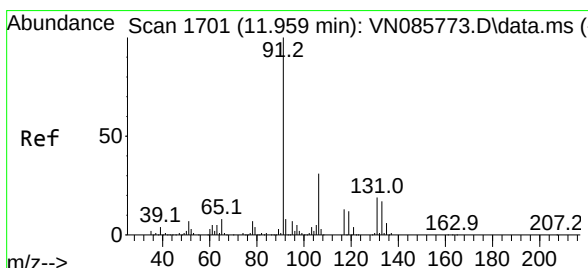
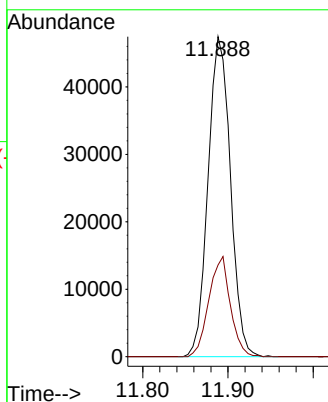
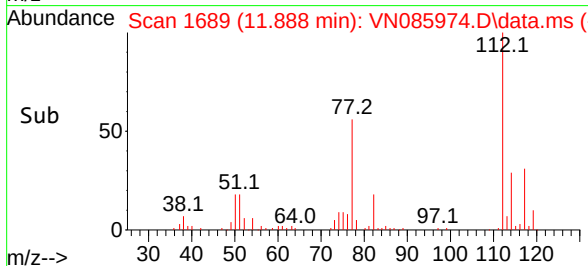
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



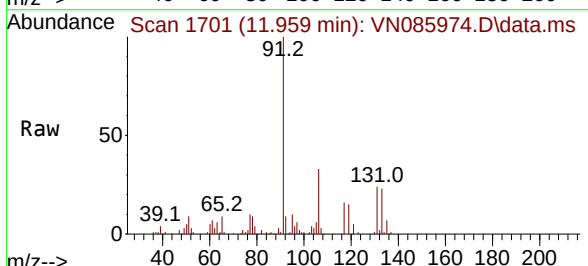
Tgt Ion:112 Resp: 8658
Ion Ratio Lower Upper
112 100
114 28.7 24.3 36.5

Manual Integrations
APPROVED

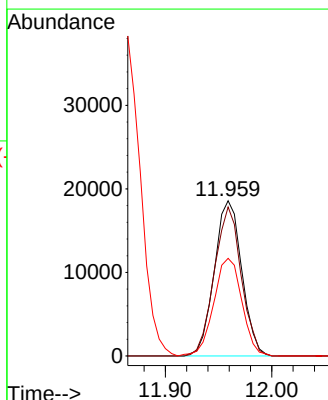
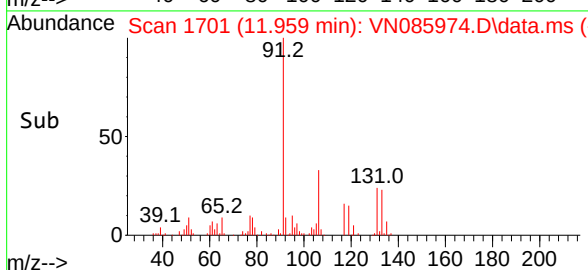
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025

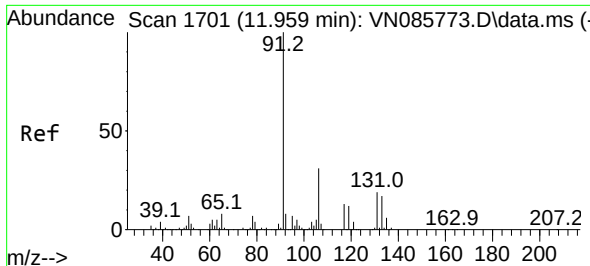


#66
1,1,1,2-Tetrachloroethane
Concen: 19.624 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36



Tgt Ion:131 Resp: 33266
Ion Ratio Lower Upper
131 100
133 94.2 47.7 143.1
119 64.4 33.3 99.8





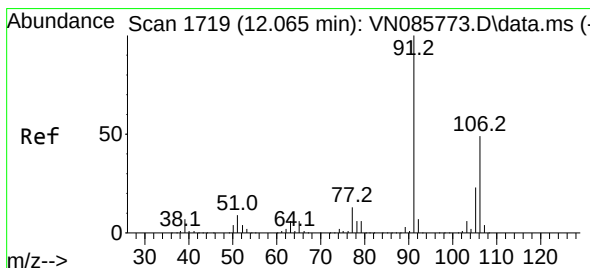
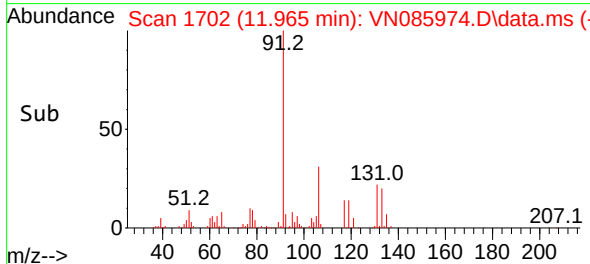
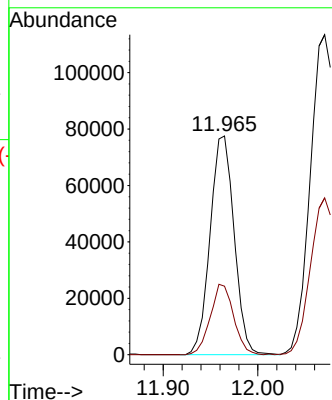
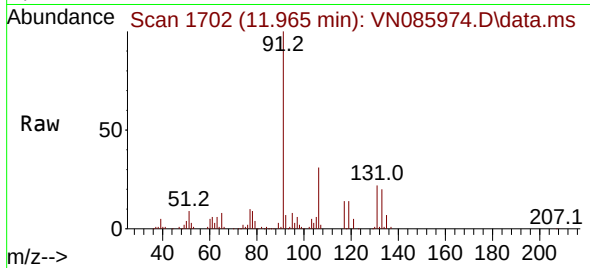
#67
Ethyl Benzene
Concen: 18.507 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

Tgt Ion: 91 Resp: 13672
Ion Ratio Lower Upper
91 100
106 31.3 24.7 37.1

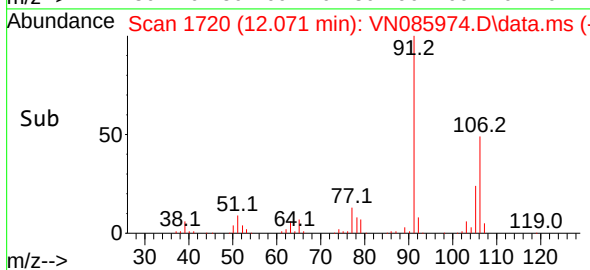
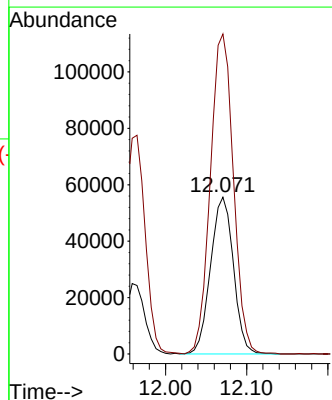
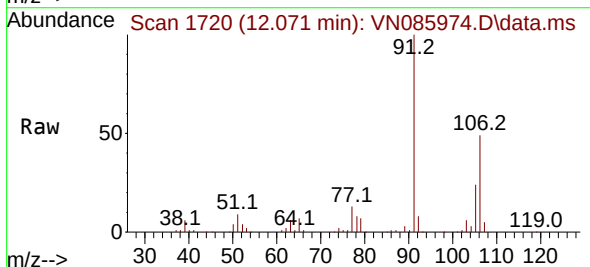
Manual Integrations
APPROVED

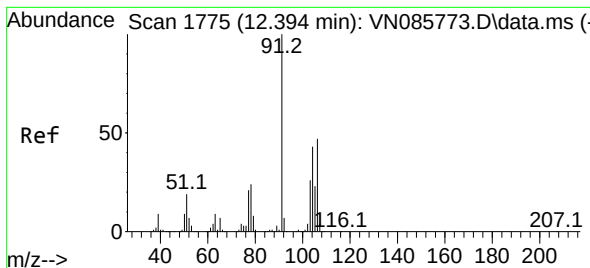
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#68
m/p-Xylenes
Concen: 38.782 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

Tgt Ion:106 Resp: 108830
Ion Ratio Lower Upper
106 100
91 205.6 163.3 244.9





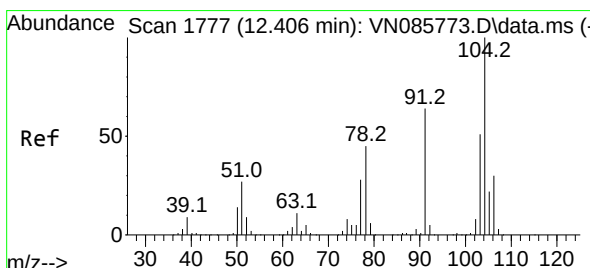
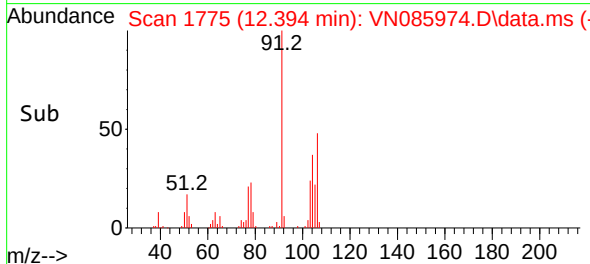
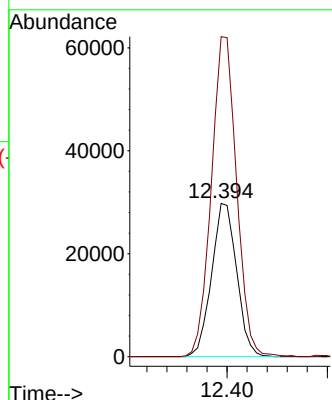
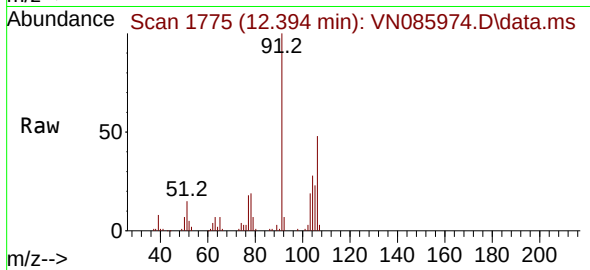
#69
o-Xylene
Concen: 19.376 ug/l
RT: 12.394 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

Tgt Ion:106 Resp: 5166
Ion Ratio Lower Upper
106 100
91 210.9 107.1 321.4

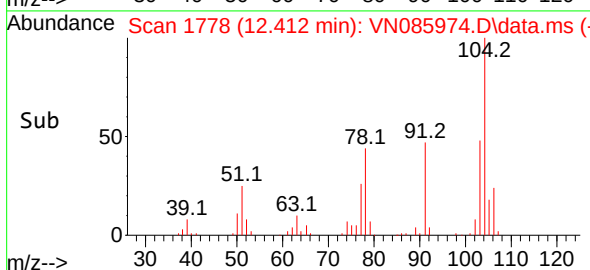
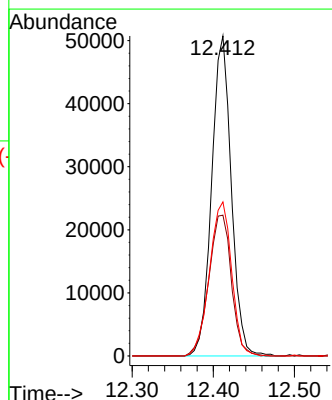
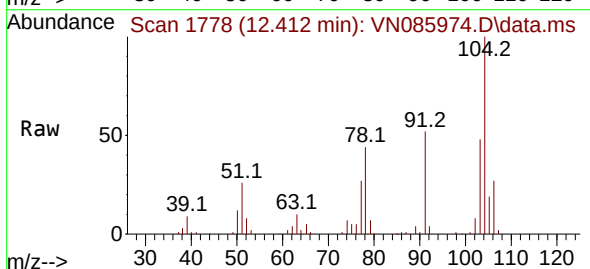
Manual Integrations
APPROVED

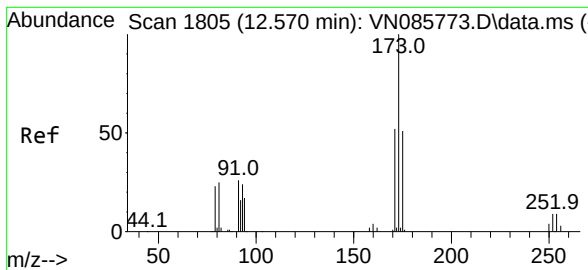
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#70
Styrene
Concen: 18.639 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

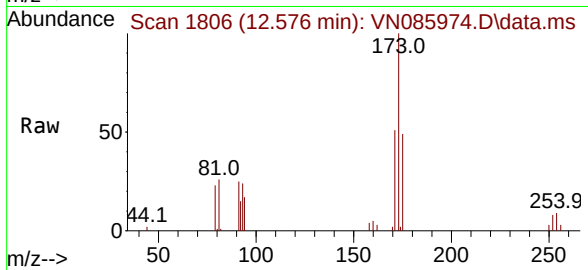
Tgt Ion:104 Resp: 85262
Ion Ratio Lower Upper
104 100
78 50.7 39.0 58.6
103 54.3 43.3 64.9





#71
Bromoform
Concen: 21.173 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

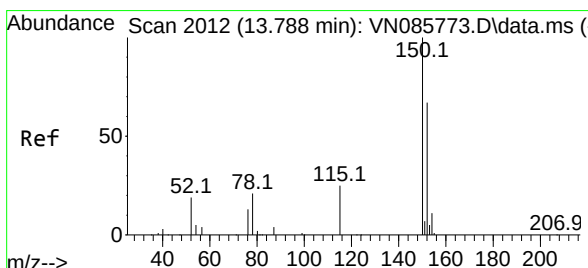
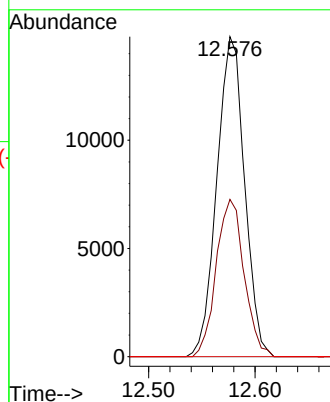
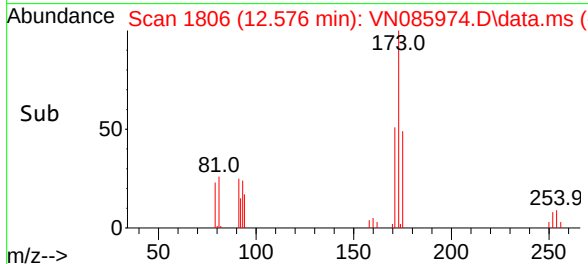
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



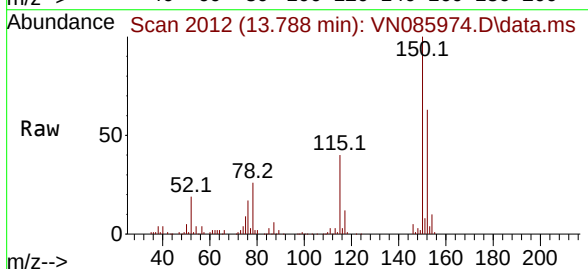
Tgt Ion:173 Resp: 26670
Ion Ratio Lower Upper
173 100
175 49.5 25.1 75.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

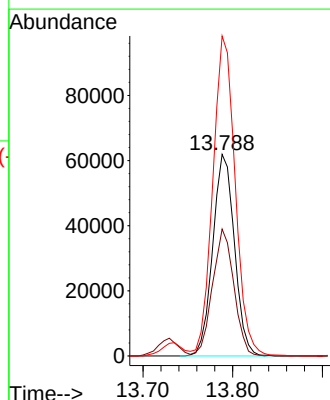
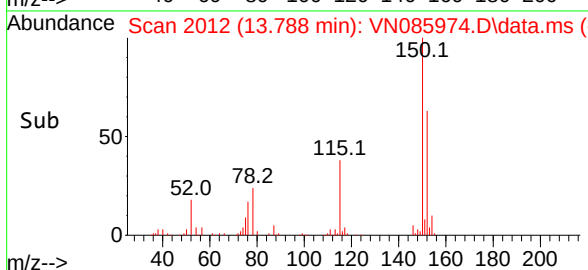
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025

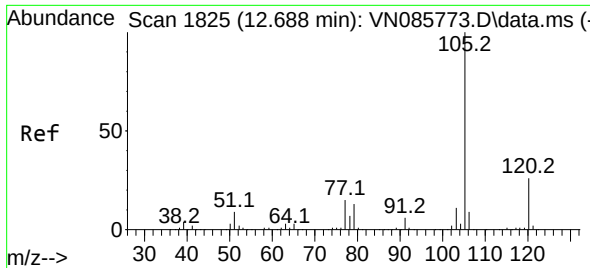


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36



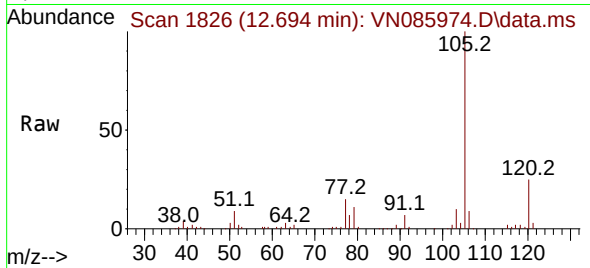
Tgt Ion:152 Resp: 103892
Ion Ratio Lower Upper
152 100
115 62.1 30.4 91.3
150 163.9 0.0 345.4





#73
Isopropylbenzene
Concen: 17.631 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

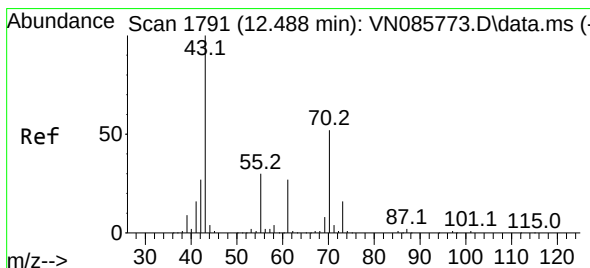
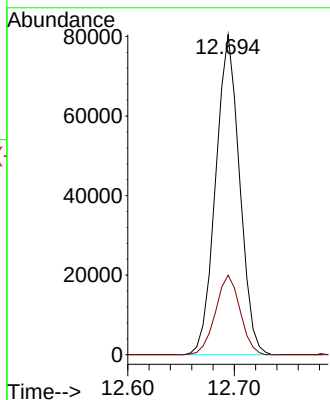
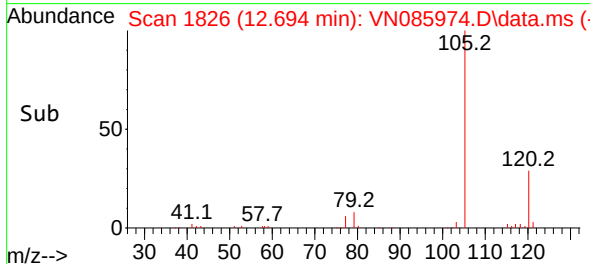
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



Tgt Ion:105 Resp: 125493
Ion Ratio Lower Upper
105 100
120 25.5 13.0 39.0

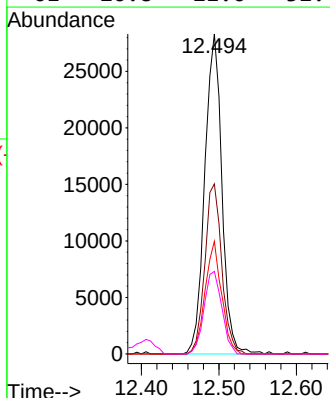
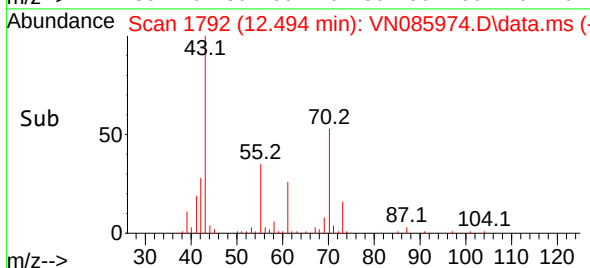
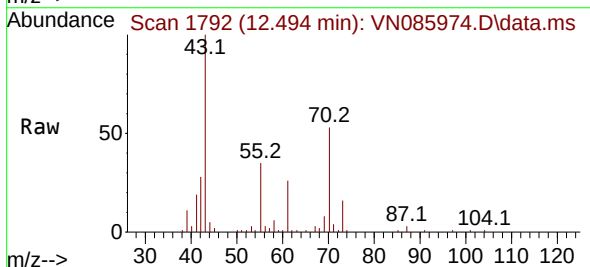
Manual Integrations
APPROVED

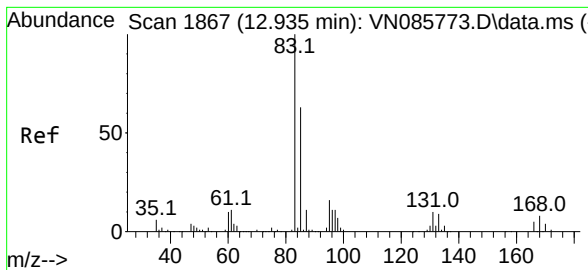
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#74
N-ethyl acetate
Concen: 17.324 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

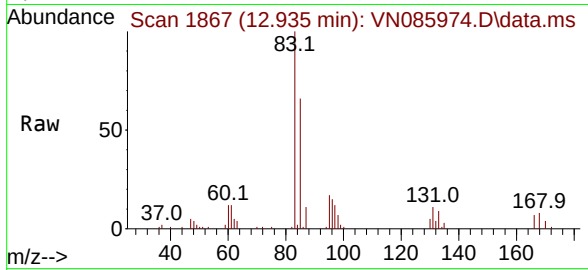
Tgt Ion: 43 Resp: 43483
Ion Ratio Lower Upper
43 100
70 52.6 41.0 61.4
55 33.9 24.6 36.8
61 26.8 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 17.939 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

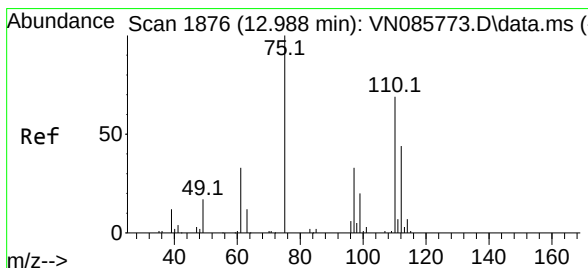
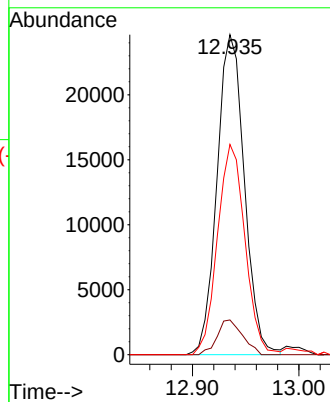
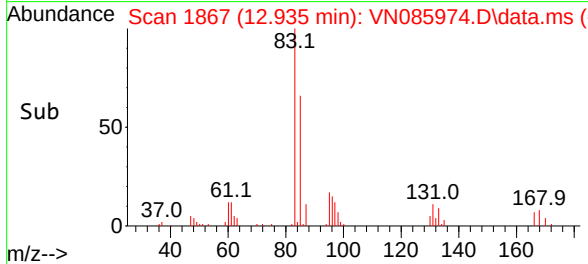
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



Tgt Ion: 83 Resp: 43930
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 65.9 32.2 96.6

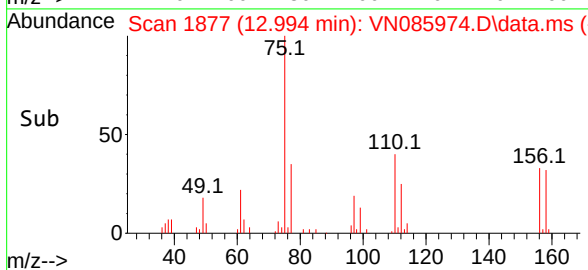
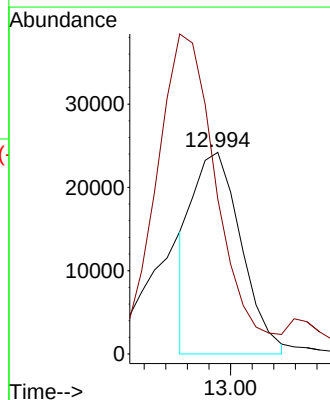
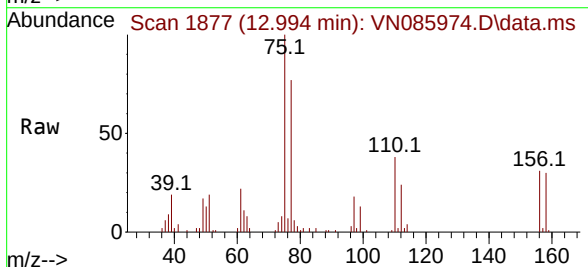
Manual Integrations
APPROVED

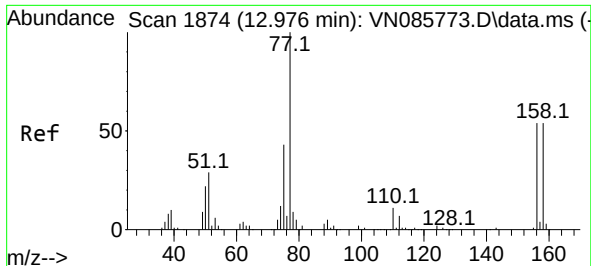
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#76
1,2,3-Trichloropropane
Concen: 16.454 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

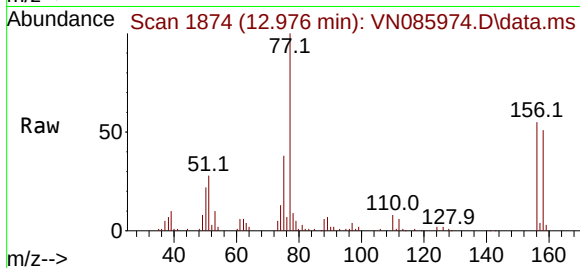
Tgt Ion: 75 Resp: 37972
Ion Ratio Lower Upper
75 100
77 199.8 100.0 300.0





#77
Bromobenzene
Concen: 18.223 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

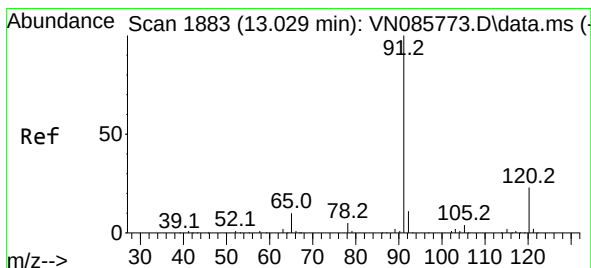
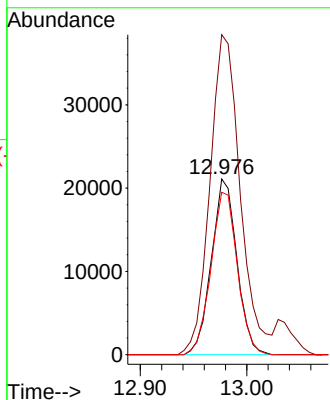
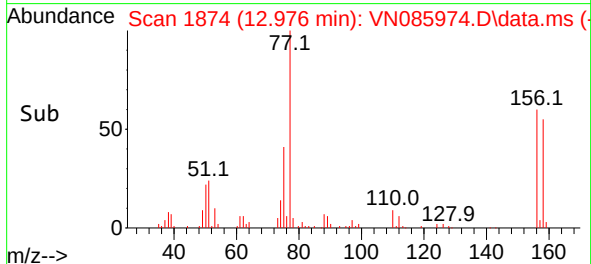
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



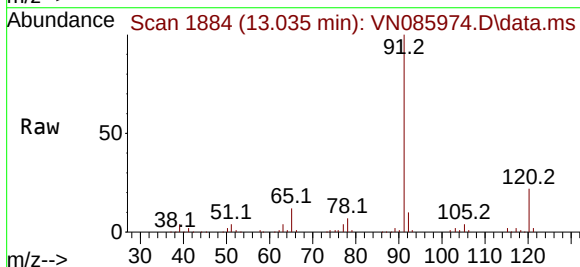
Tgt Ion:156 Resp: 3504
Ion Ratio Lower Upper
156 100
77 216.5 104.1 312.3
158 95.8 48.1 144.4

Manual Integrations
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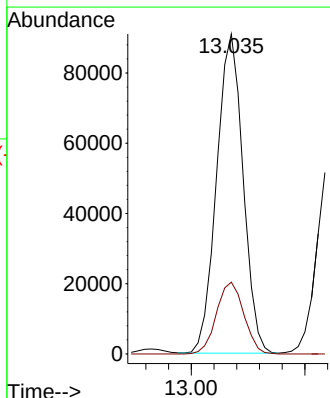
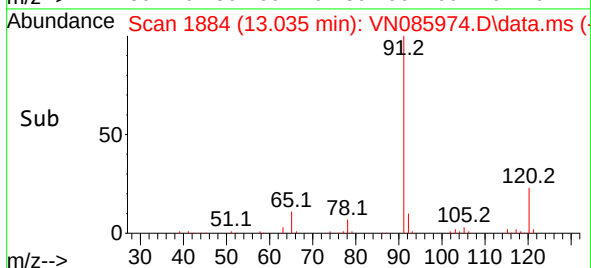
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025

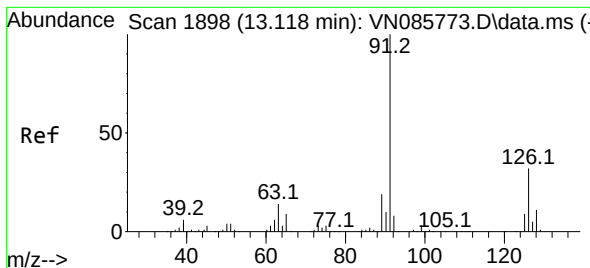


#78
n-propylbenzene
Concen: 18.012 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36



Tgt Ion: 91 Resp: 146824
Ion Ratio Lower Upper
91 100
120 23.3 11.3 33.8





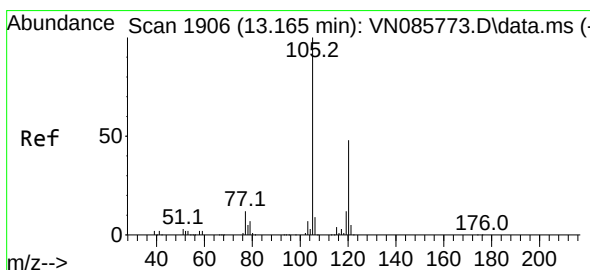
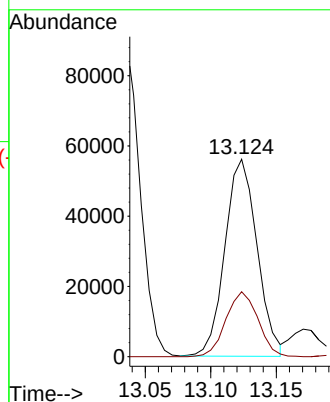
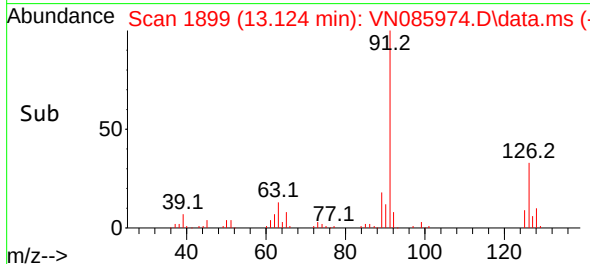
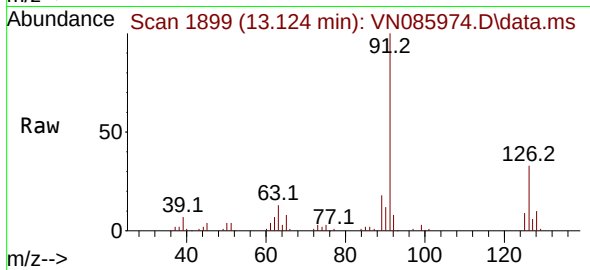
#79
2-Chlorotoluene
Concen: 17.601 ug/l
RT: 13.124 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

Tgt Ion: 91 Resp: 95859
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.1

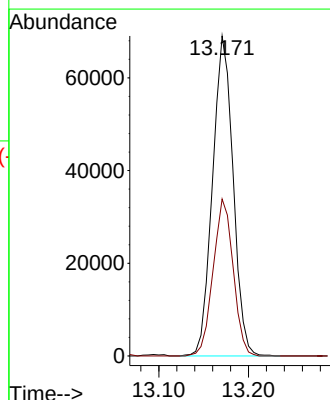
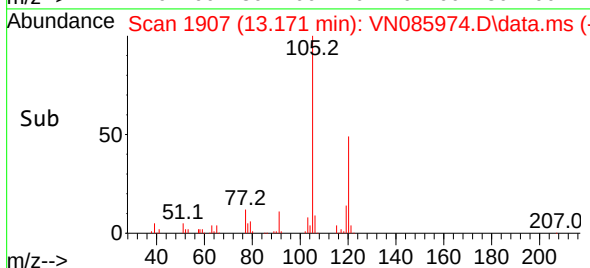
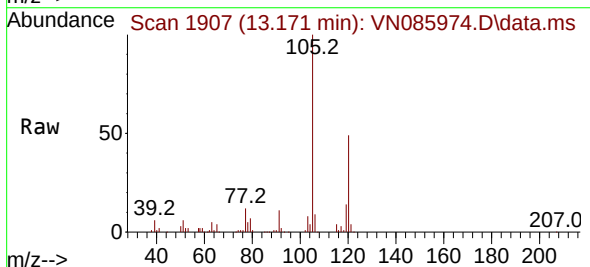
Manual Integrations
APPROVED

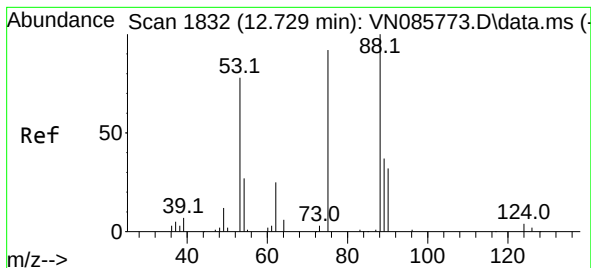
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#80
1,3,5-Trimethylbenzene
Concen: 18.957 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

Tgt Ion:105 Resp: 109914
Ion Ratio Lower Upper
105 100
120 47.8 24.3 72.9





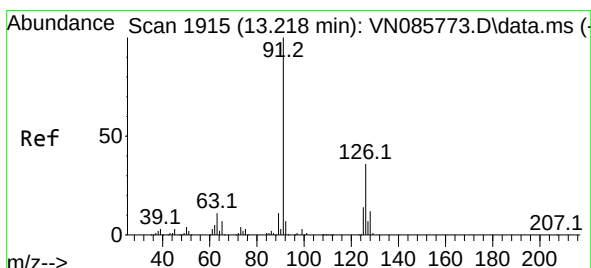
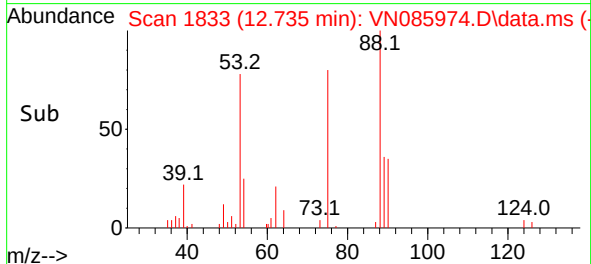
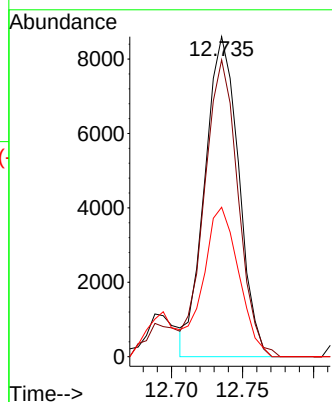
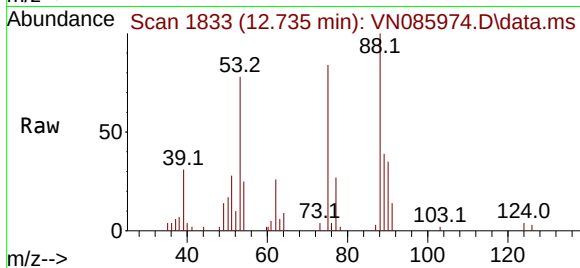
#81
trans-1,4-Dichloro-2-butene
Concen: 17.994 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

Tgt Ion: 75 Resp: 1423
Ion Ratio Lower Upper
75 100
53 92.3 74.2 111.4
89 49.1 34.9 52.3

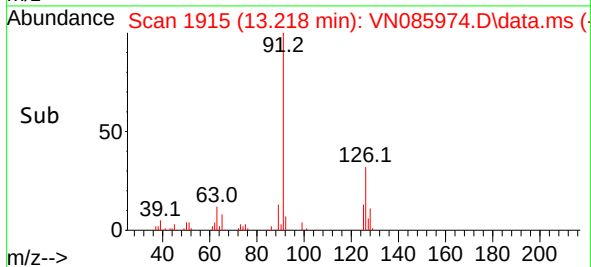
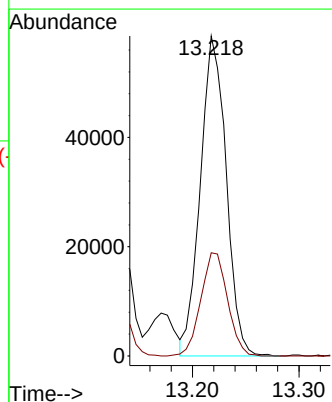
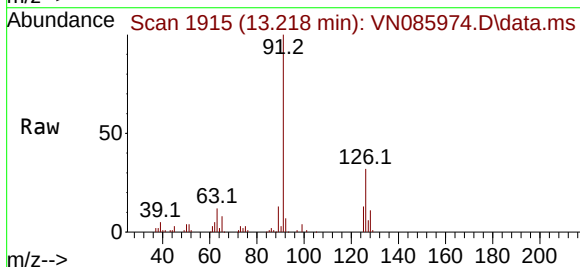
Manual Integrations
APPROVED

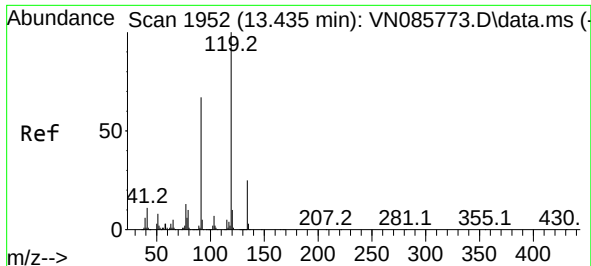
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#82
4-Chlorotoluene
Concen: 18.286 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

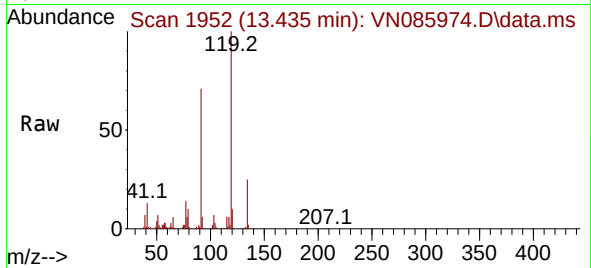
Tgt Ion: 91 Resp: 98729
Ion Ratio Lower Upper
91 100
126 33.3 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 18.091 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085974.D
 Acq: 13 Mar 2025 12:36

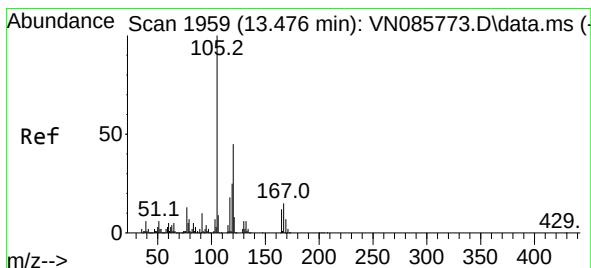
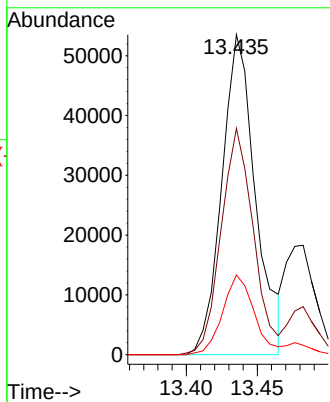
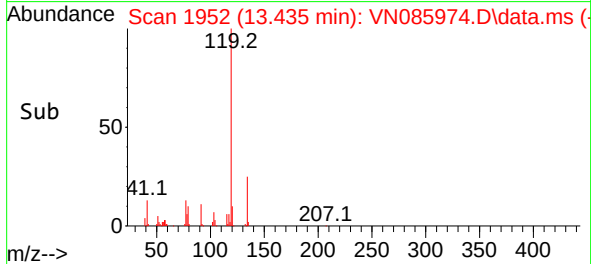
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0313WBSD01



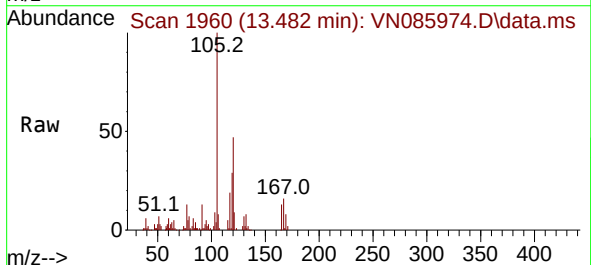
Tgt Ion:119 Resp: 8820
 Ion Ratio Lower Upper
 119 100
 91 67.8 32.5 97.5
 134 23.2 13.3 39.9

Manual Integrations
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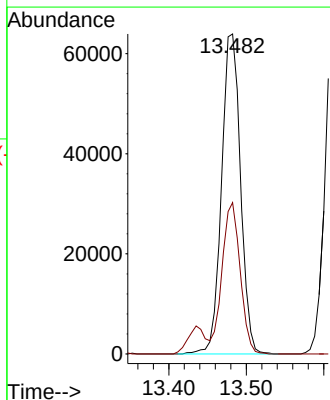
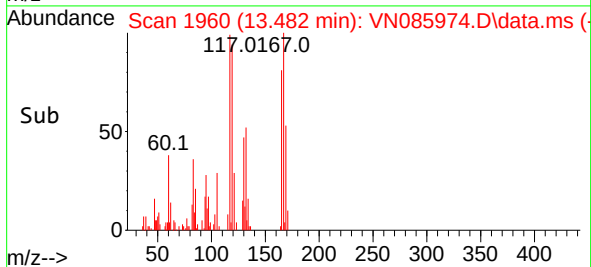
Reviewed By :John Carlone 03/14/2025
 Supervised By :Mahesh Dadoda 03/17/2025

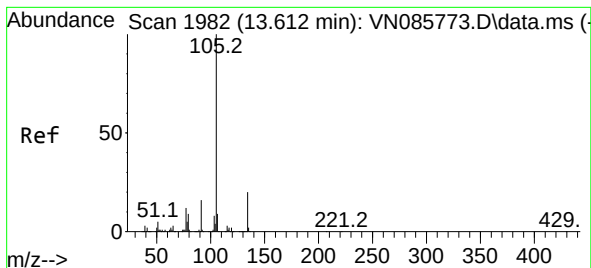


#84
 1,2,4-Trimethylbenzene
 Concen: 18.947 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN085974.D
 Acq: 13 Mar 2025 12:36



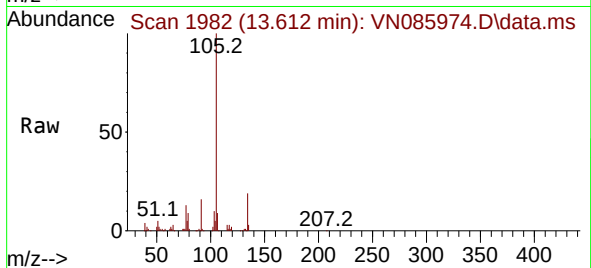
Tgt Ion:105 Resp: 108683
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 17.497 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085974.D
 Acq: 13 Mar 2025 12:36

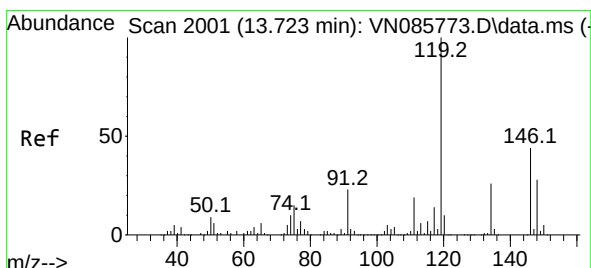
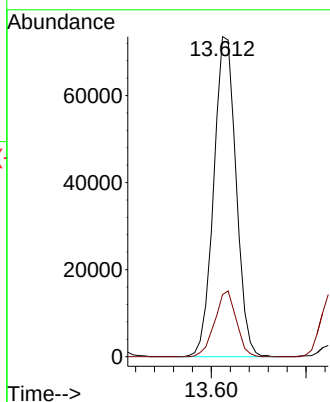
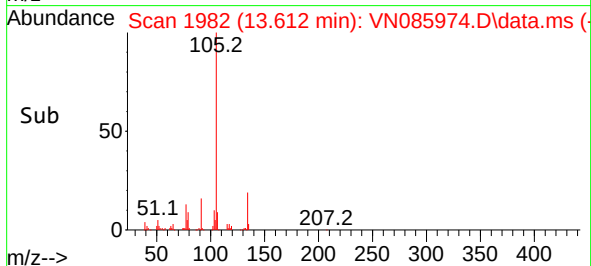
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0313WBSD01



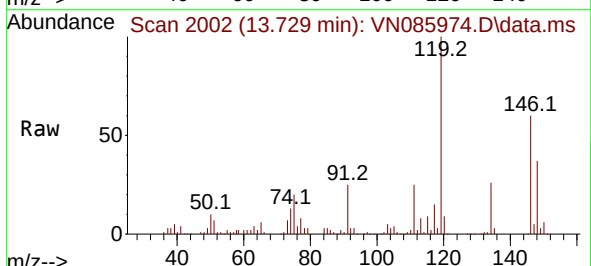
Tgt Ion:105 Resp: 120538
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

Manual Integrations
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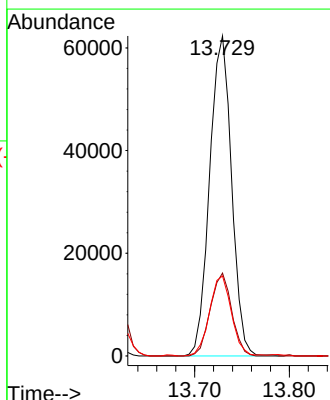
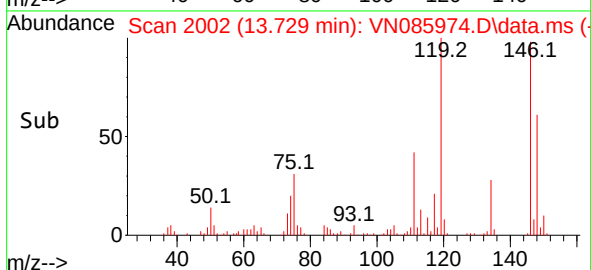
Reviewed By :John Carlone 03/14/2025
 Supervised By :Mahesh Dadoda 03/17/2025

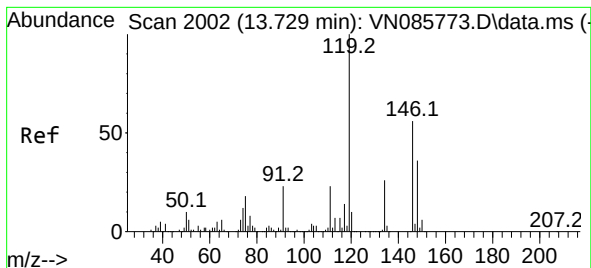


#86
 p-Isopropyltoluene
 Concen: 17.150 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085974.D
 Acq: 13 Mar 2025 12:36



Tgt Ion:119 Resp: 100122
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.0 39.0
 91 25.1 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 17.249 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085974.D

Acq: 13 Mar 2025 12:36

Instrument :

MSVOA_N

ClientSampleId :

VN0313WBSD01

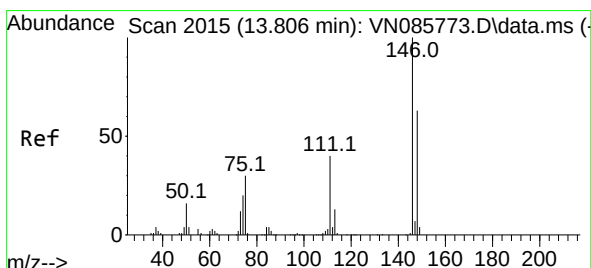
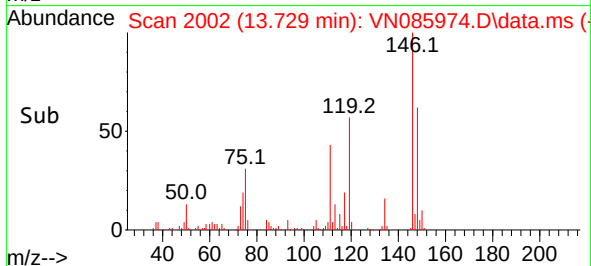
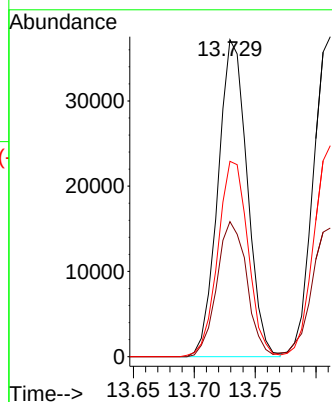
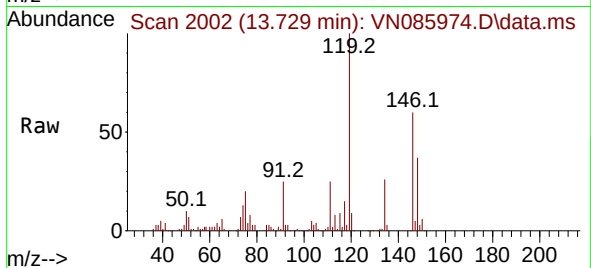
Tgt Ion:	146	Resp:	6214
Ion Ratio	Lower	Upper	
146	100		
111	43.5	21.1	63.3
148	63.6	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2025

Supervised By :Mahesh Dadoda 03/17/2025



#88

1,4-Dichlorobenzene

Concen: 17.506 ug/l

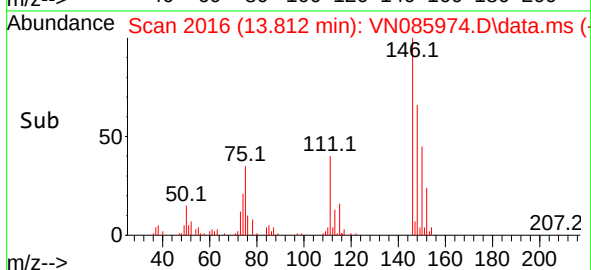
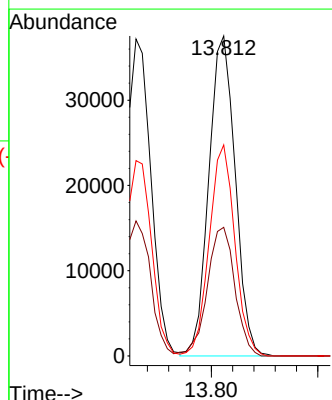
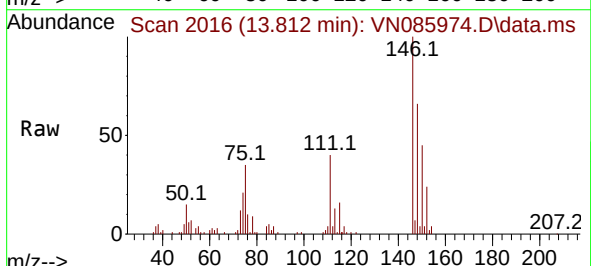
RT: 13.812 min Scan# 2016

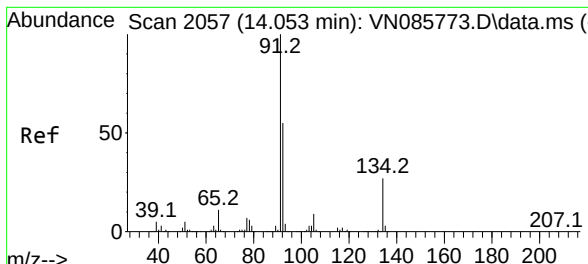
Delta R.T. 0.006 min

Lab File: VN085974.D

Acq: 13 Mar 2025 12:36

Tgt Ion:	146	Resp:	64642
Ion Ratio	Lower	Upper	
146	100		
111	42.0	20.4	61.3
148	64.0	31.8	95.4





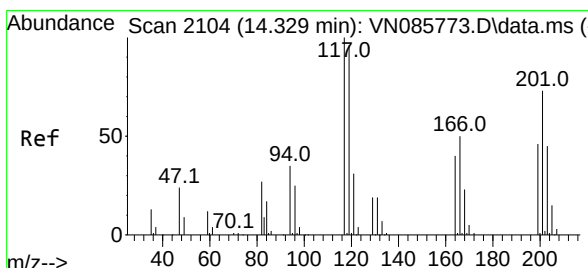
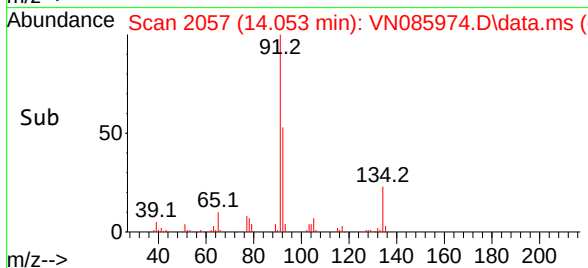
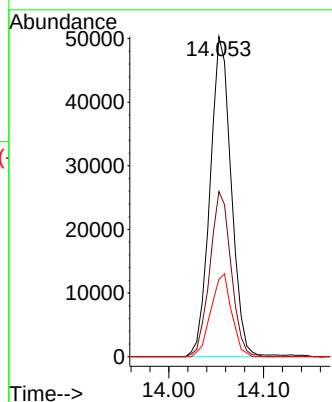
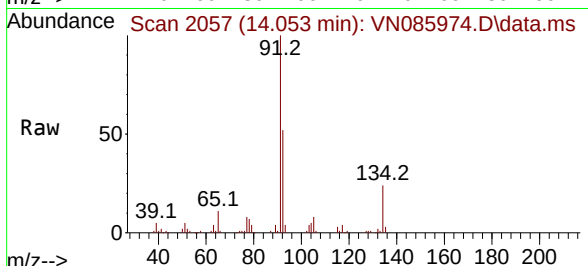
#89
n-Butylbenzene
Concen: 15.975 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

Tgt Ion: 91 Resp: 78134
Ion Ratio Lower Upper
91 100
92 51.7 27.1 81.3
134 25.3 12.7 38.1

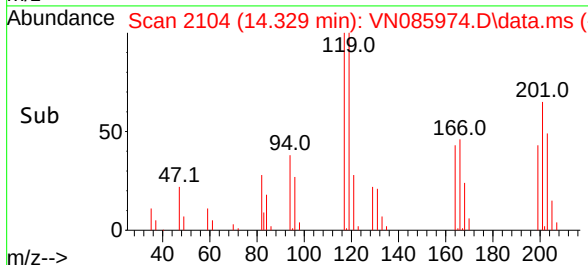
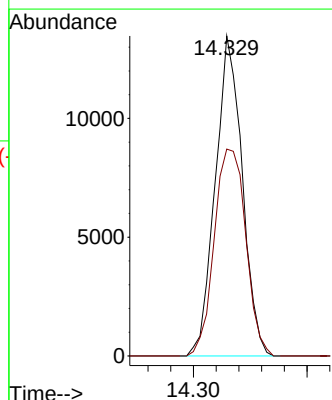
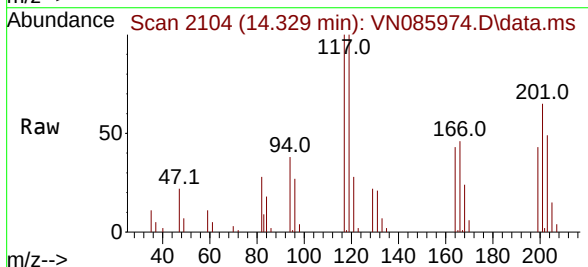
Manual Integrations
APPROVED

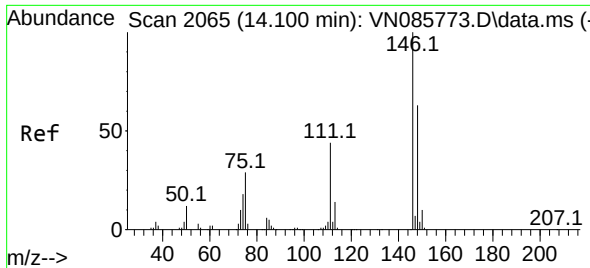
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#90
Hexachloroethane
Concen: 17.006 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

Tgt Ion:117 Resp: 22187
Ion Ratio Lower Upper
117 100
201 75.7 35.6 106.9





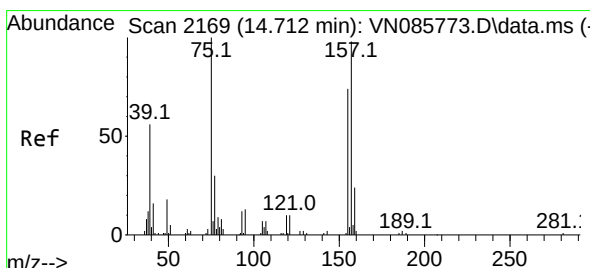
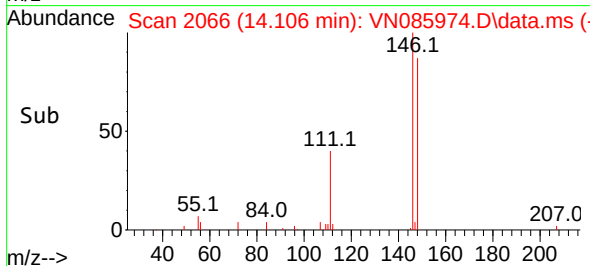
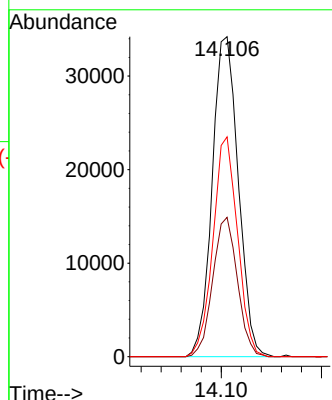
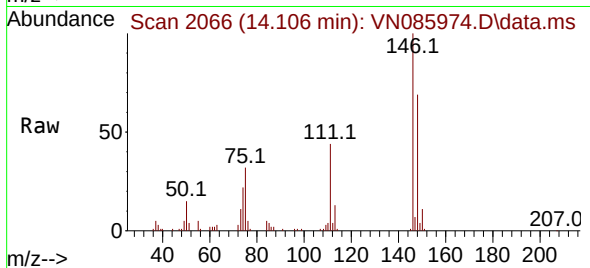
#91
1,2-Dichlorobenzene
Concen: 17.824 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01

Tgt Ion:146 Resp: 61749
Ion Ratio Lower Upper
146 100
111 41.2 21.4 64.3
148 64.8 32.0 96.2

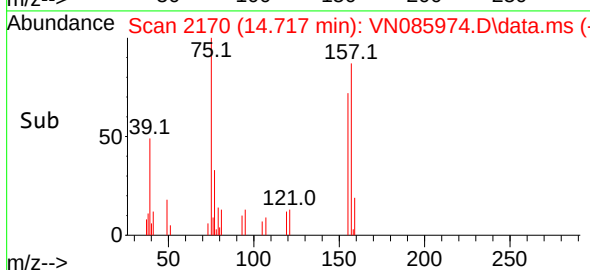
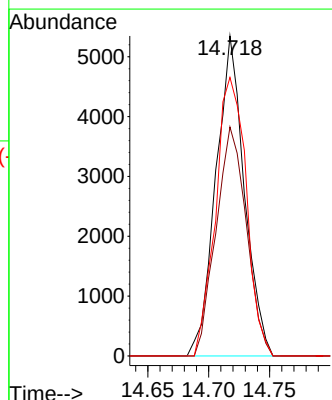
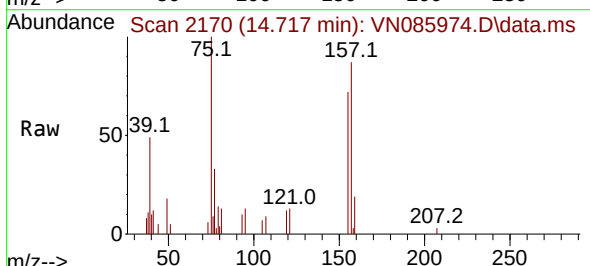
Manual Integrations
APPROVED

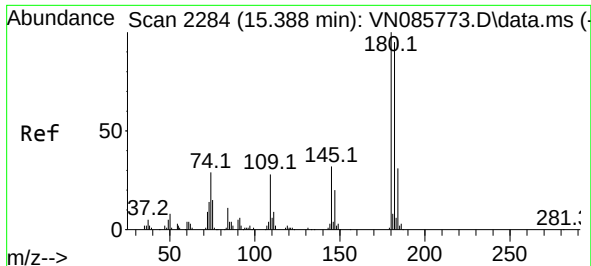
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.342 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

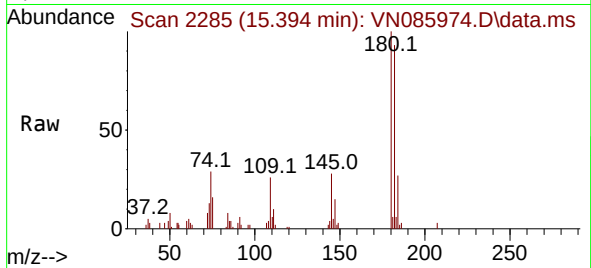
Tgt Ion: 75 Resp: 8699
Ion Ratio Lower Upper
75 100
155 76.2 39.9 119.6
157 93.6 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 16.513 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

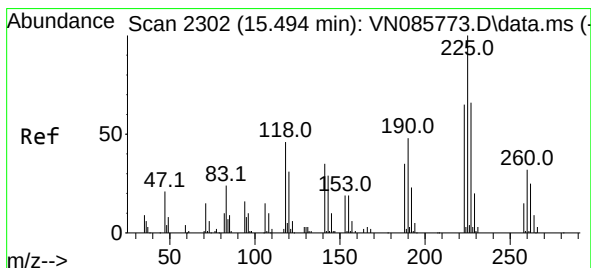
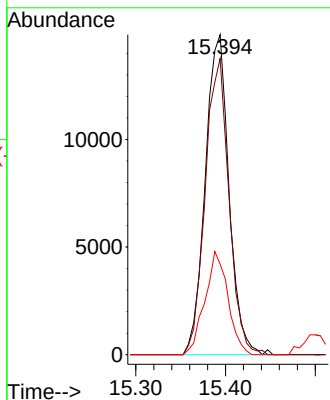
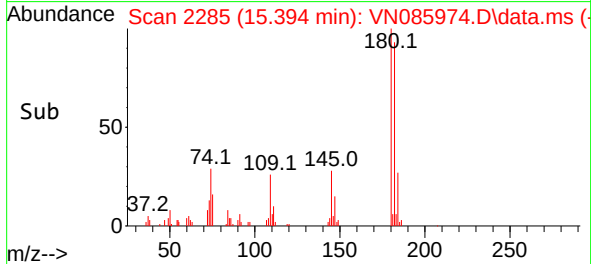
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



Tgt Ion:180 Resp: 27260
Ion Ratio Lower Upper
180 100
182 92.7 47.3 141.9
145 31.4 16.2 48.5

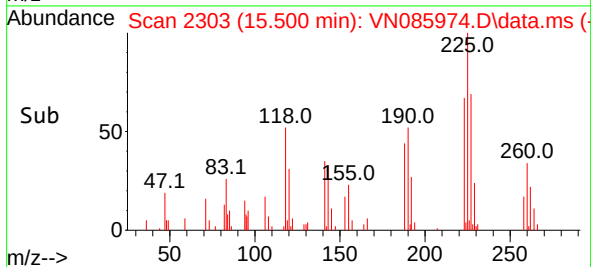
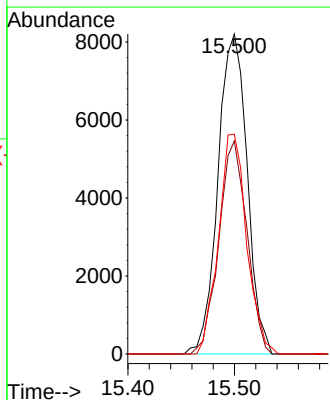
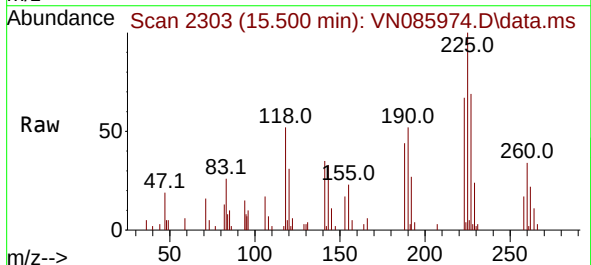
Manual Integrations
APPROVED

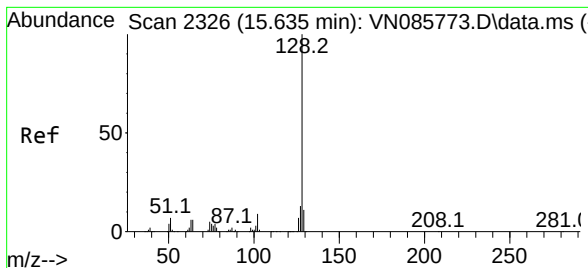
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#94
Hexachlorobutadiene
Concen: 15.558 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

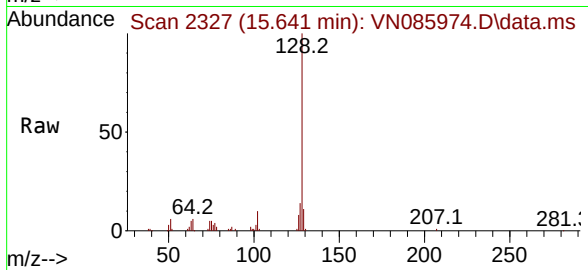
Tgt Ion:225 Resp: 15609
Ion Ratio Lower Upper
225 100
223 64.1 31.9 95.5
227 66.4 32.2 96.6





#95
Naphthalene
Concen: 16.384 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36

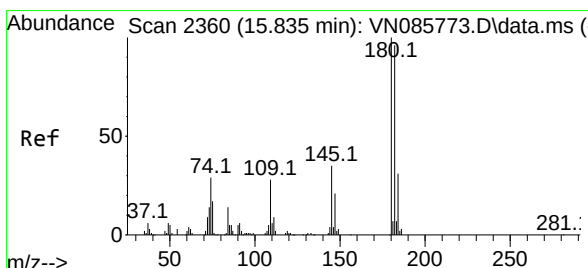
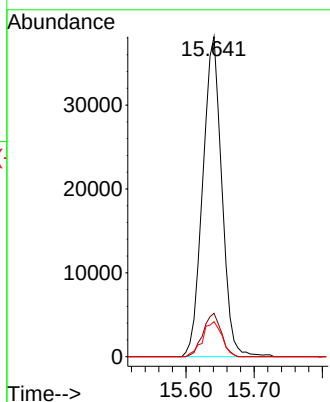
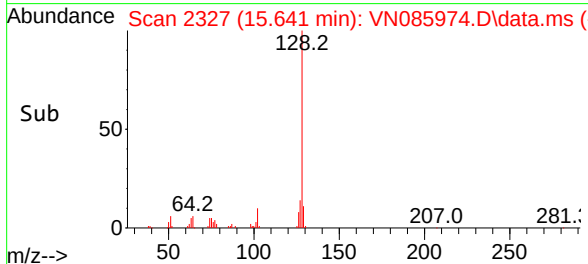
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBSD01



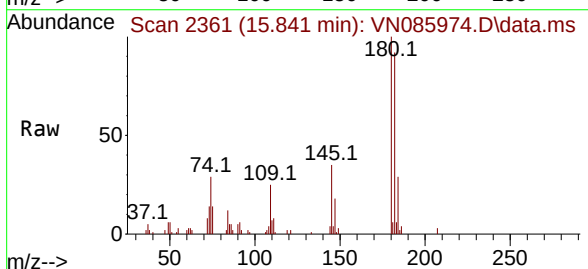
Tgt Ion:128 Resp: 7425
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#96
1,2,3-Trichlorobenzene
Concen: 16.329 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN085974.D
Acq: 13 Mar 2025 12:36



Tgt Ion:180 Resp: 27063
Ion Ratio Lower Upper
180 100
182 97.2 47.3 141.8
145 36.5 16.9 50.6

