

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031025\
 Data File : VN085926.D
 Acq On : 10 Mar 2025 19:59
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 11 01:43:12 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/11/2025
 Supervised By : Mahesh Dadoda 03/11/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	193866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	319633	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	279501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	145415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	107432	42.744	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.480%		
35) Dibromofluoromethane	8.165	113	90174	43.114	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.220%		
50) Toluene-d8	10.565	98	333224	43.790	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	87.580%		
62) 4-Bromofluorobenzene	12.847	95	119141	47.520	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	126782	48.079	ug/l	100
3) Chloromethane	2.359	50	128503	48.564	ug/l	95
4) Vinyl Chloride	2.512	62	129503	46.223	ug/l	99
5) Bromomethane	2.948	94	74151	41.392	ug/l	99
6) Chloroethane	3.118	64	76077	40.995	ug/l	93
7) Trichlorofluoromethane	3.495	101	190789	47.035	ug/l	99
8) Diethyl Ether	3.959	74	65958	50.255	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	109493	46.697	ug/l	100
10) Methyl Iodide	4.589	142	127826	44.226	ug/l	95
11) Tert butyl alcohol	5.518	59	74735	241.758	ug/l	100
12) 1,1-Dichloroethene	4.342	96	102831	48.368	ug/l	94
13) Acrolein	4.177	56	104639	228.259	ug/l	97
14) Allyl chloride	5.018	41	146428	52.459	ug/l	93
15) Acrylonitrile	5.718	53	266182	264.868	ug/l	99
16) Acetone	4.424	43	189839	238.705	ug/l	97
17) Carbon Disulfide	4.712	76	321992	51.103	ug/l	98
18) Methyl Acetate	5.018	43	110634	40.445	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	342268	54.177	ug/l	97
20) Methylene Chloride	5.271	84	123117	48.139	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	111972	48.913	ug/l	99
22) Diisopropyl ether	6.671	45	346591	54.952	ug/l	97
23) Vinyl Acetate	6.600	43	1234140	285.777	ug/l	99
24) 1,1-Dichloroethane	6.565	63	212424	49.544	ug/l	99
25) 2-Butanone	7.483	43	306855	262.266	ug/l	99
26) 2,2-Dichloropropane	7.488	77	172607	45.273	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	128624	48.458	ug/l	96
28) Bromochloromethane	7.812	49	90880	51.571	ug/l	93
29) Tetrahydrofuran	7.835	42	214041	283.299	ug/l	97
30) Chloroform	7.965	83	217203	48.476	ug/l	99
31) Cyclohexane	8.259	56	180449	50.266	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	193859	48.644	ug/l	99
36) 1,1-Dichloropropene	8.371	75	152972	51.678	ug/l	100
37) Ethyl Acetate	7.559	43	128021	52.554	ug/l	100
38) Carbon Tetrachloride	8.359	117	178566	50.770	ug/l	99
39) Methylcyclohexane	9.600	83	154756	53.218	ug/l	96
40) Benzene	8.606	78	487209	51.354	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	67919	52.157	ug/l	94
42) 1,2-Dichloroethane	8.665	62	154712	50.065	ug/l	99
43) Isopropyl Acetate	8.682	43	232193	54.361	ug/l	99
44) Trichloroethene	9.353	130	109163	46.863	ug/l	100
45) 1,2-Dichloropropane	9.618	63	120795	52.748	ug/l	100
46) Dibromomethane	9.706	93	80805	50.024	ug/l	99
47) Bromodichloromethane	9.888	83	172791	49.999	ug/l	98
48) Methyl methacrylate	9.677	41	101222	55.952	ug/l	97
49) 1,4-Dioxane	9.688	88	40122	1166.265	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	657104	279.785	ug/l	100
52) Toluene	10.629	92	300326	54.003	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	172534	53.991	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	189308	54.023	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	111050	50.223	ug/l	97
56) Ethyl methacrylate	10.871	69	170797	53.293	ug/l	98
57) 1,3-Dichloropropane	11.159	76	194436	52.677	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	345042	271.063	ug/l	99
59) 2-Hexanone	11.194	43	472004	292.134	ug/l	99
60) Dibromochloromethane	11.359	129	135142	52.488	ug/l	99
61) 1,2-Dibromoethane	11.465	107	107809	51.604	ug/l	98
64) Tetrachloroethene	11.100	164	103739	47.910	ug/l	96
65) Chlorobenzene	11.888	112	319128	49.841	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	115421	50.152	ug/l	99
67) Ethyl Benzene	11.959	91	558146	55.648	ug/l	100
68) m/p-Xylenes	12.071	106	444559	116.687	ug/l	99
69) o-Xylene	12.394	106	206870	57.141	ug/l	99
70) Styrene	12.406	104	354834	52.401	ug/l	98
71) Bromoform	12.576	173	91536	53.527	ug/l #	96
73) Isopropylbenzene	12.694	105	510796	51.273	ug/l	99
74) N-amyl acetate	12.494	43	192075	54.674	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	156513	45.655	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	148290m	45.908	ug/l	
77) Bromobenzene	12.976	156	128790	47.850	ug/l	95
78) n-propylbenzene	13.035	91	610651	53.522	ug/l	100
79) 2-Chlorotoluene	13.123	91	382570	50.186	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	441815	54.442	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	57049	51.532	ug/l	98
82) 4-Chlorotoluene	13.217	91	389465	51.536	ug/l	100
83) tert-Butylbenzene	13.435	119	356904	52.299	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	454629	56.624	ug/l	99
85) sec-Butylbenzene	13.612	105	503754	52.246	ug/l	99
86) p-Isopropyltoluene	13.729	119	421282	47.873	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	241332	47.858	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	242286	46.879	ug/l	100
89) n-Butylbenzene	14.053	91	345739	50.505	ug/l	98
90) Hexachloroethane	14.335	117	85971	47.080	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	232877	48.025	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28407	45.126	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	109419	47.355	ug/l	98
94) Hexachlorobutadiene	15.500	225	56205	40.024	ug/l	98
95) Naphthalene	15.641	128	313737	49.457	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	106038	45.712	ug/l	99

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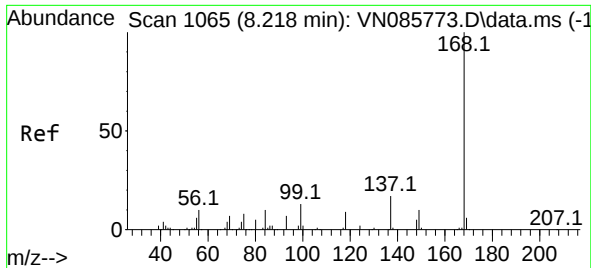
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 03/11/2025

Quant Time: Mar 11 01:43:12 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

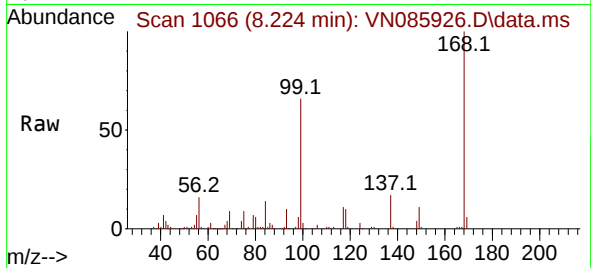
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085926.D
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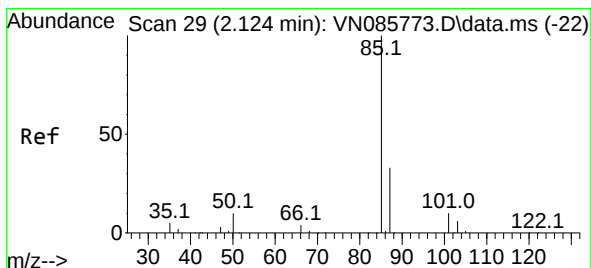
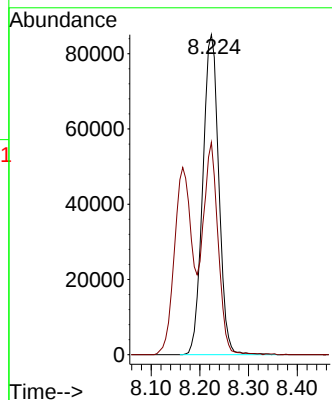
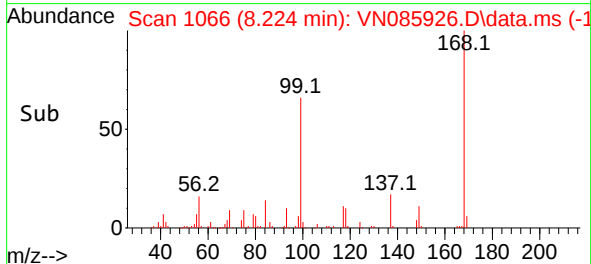
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



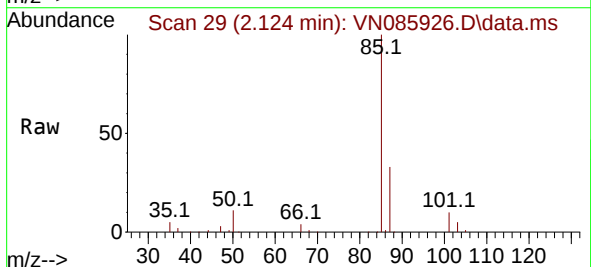
Tgt Ion:168 Resp: 193860
Ion Ratio Lower Upper
168 100
99 66.4 47.9 71.9

Manual Integrations
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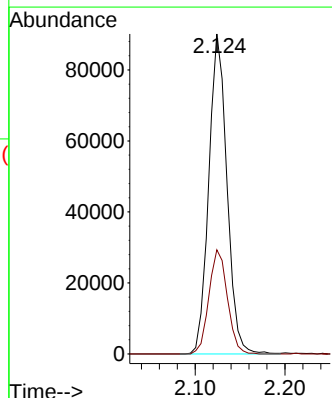
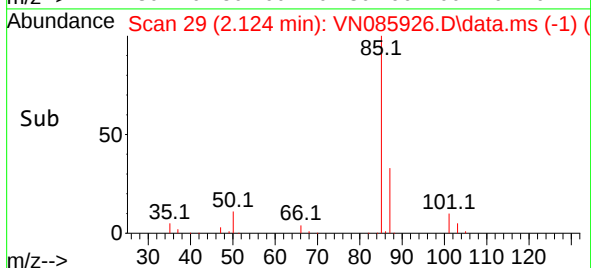
Reviewed By :John Carlone 03/11/2025
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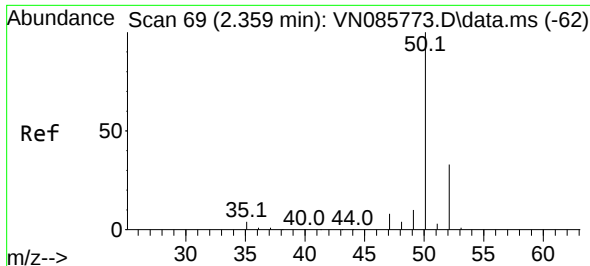


#2
Dichlorodifluoromethane
Concen: 48.079 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59



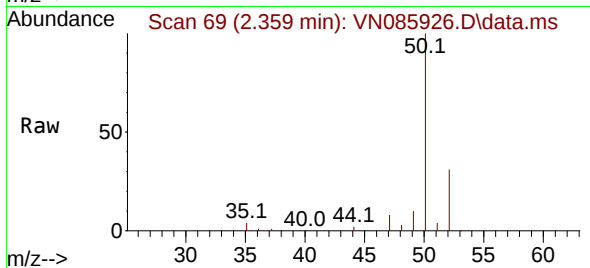
Tgt Ion: 85 Resp: 126782
Ion Ratio Lower Upper
85 100
87 32.6 16.4 49.2





#3
Chloromethane
Concen: 48.564 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

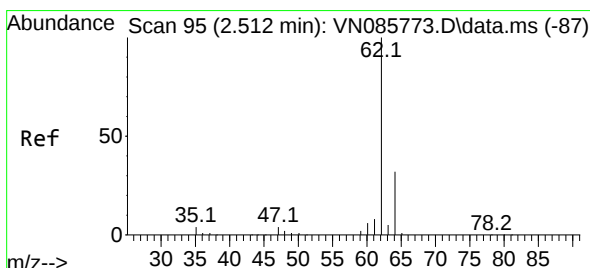
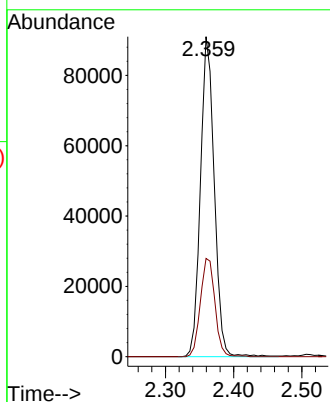
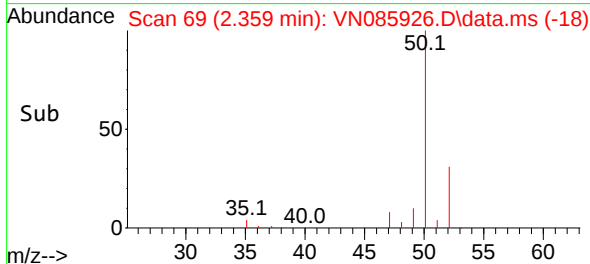
Instrument :
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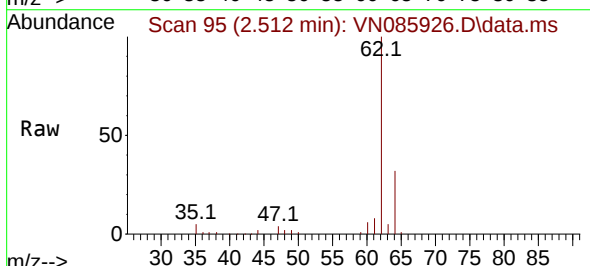
Tgt Ion: 50 Resp: 128503
Ion Ratio Lower Upper
50 100
52 30.7 26.7 40.1

Manual Integrations
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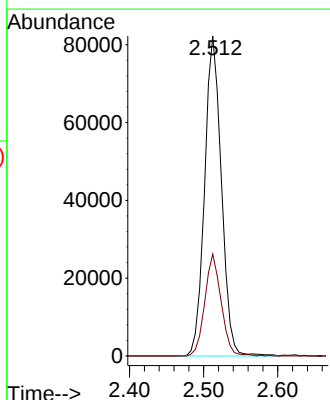
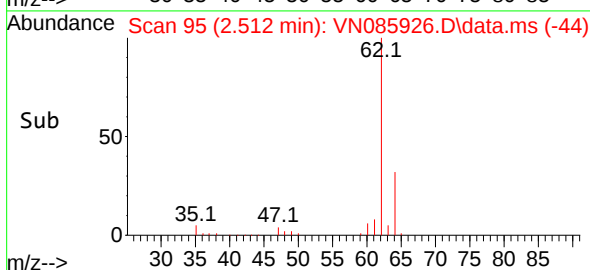
Reviewed By :John Carlone 03/11/2025
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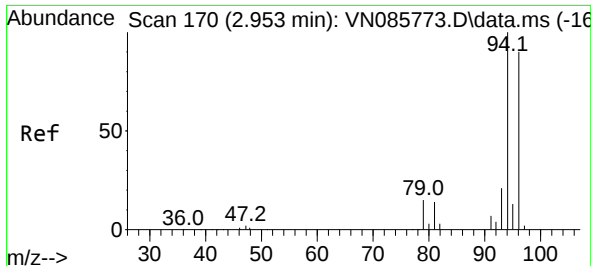


#4
Vinyl Chloride
Concen: 46.223 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59



Tgt Ion: 62 Resp: 129503
Ion Ratio Lower Upper
62 100
64 31.8 25.9 38.9





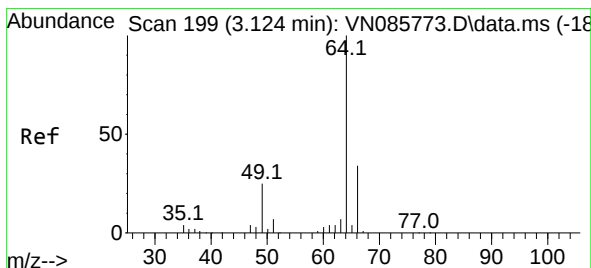
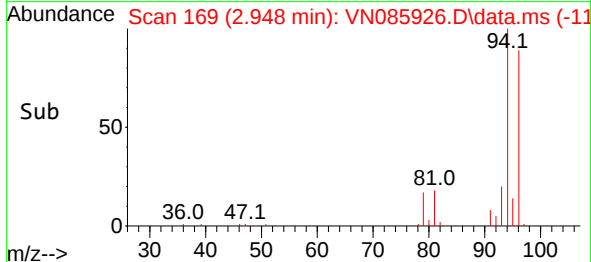
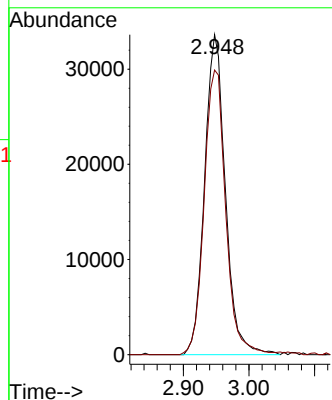
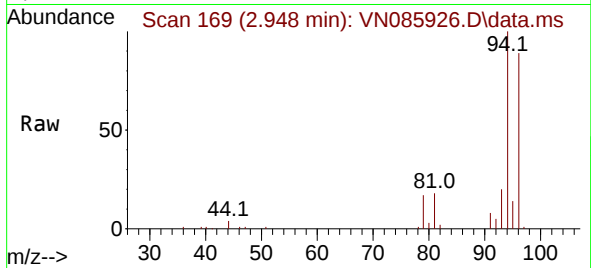
#5
Bromomethane
Concen: 41.392 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085926.D
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Instrument :
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Tgt Ion: 94 Resp: 7415
Ion Ratio Lower Upper
94 100
96 88.9 71.7 107.5

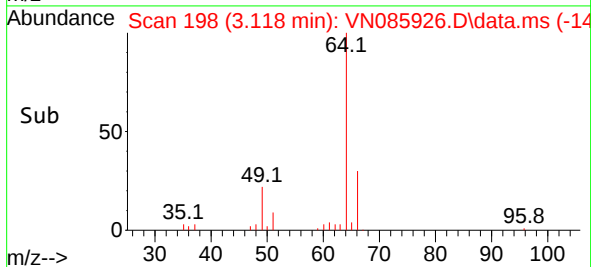
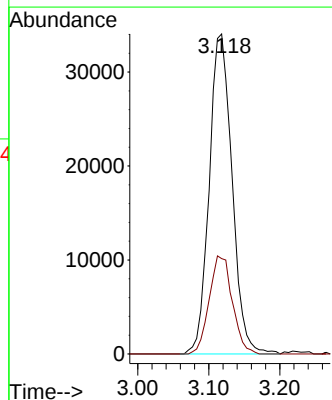
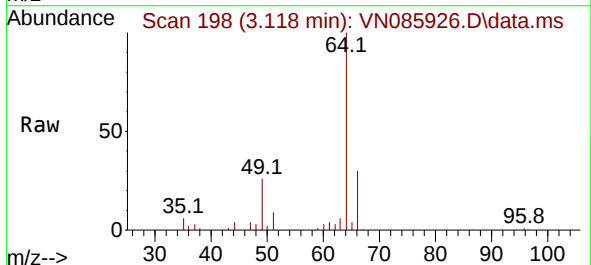
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#6
Chloroethane
Concen: 40.995 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

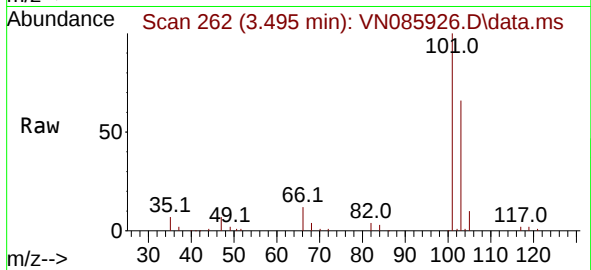
Tgt Ion: 64 Resp: 76077
Ion Ratio Lower Upper
64 100
66 29.8 27.0 40.6





#7
 Trichlorofluoromethane
 Concen: 47.035 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.006 min
 Lab File: VN085926.D
 Acq: 10 Mar 2025 19:59

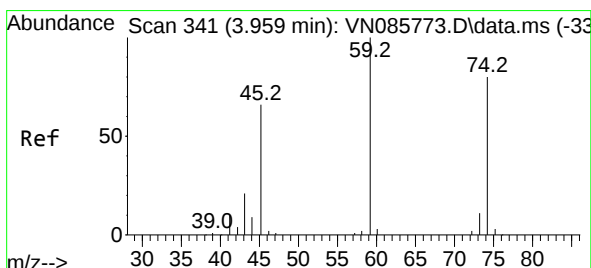
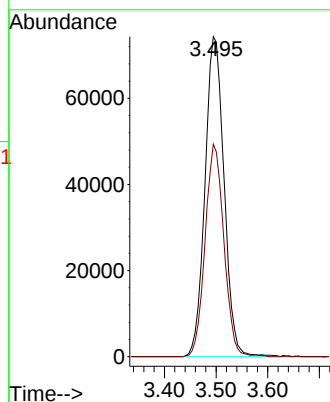
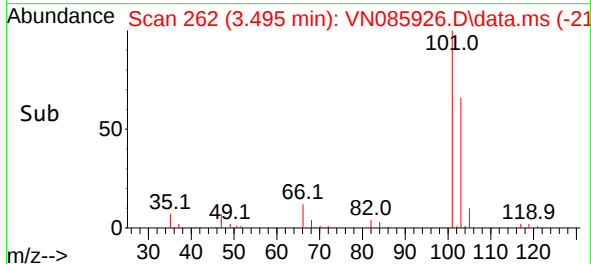
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 190789
 Ion Ratio Lower Upper
 101 100
 103 66.4 52.2 78.4

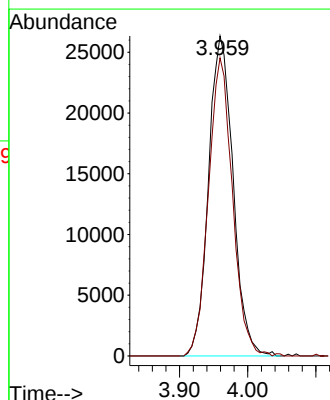
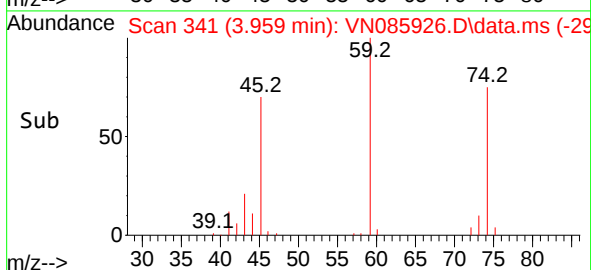
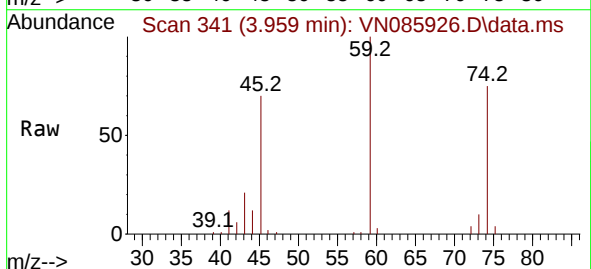
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#8
 Diethyl Ether
 Concen: 50.255 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN085926.D
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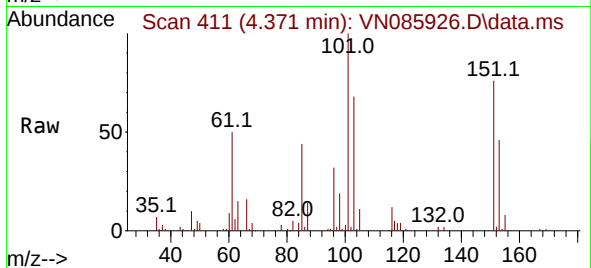
Tgt Ion: 74 Resp: 65958
 Ion Ratio Lower Upper
 74 100
 45 91.2 42.5 127.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.697 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

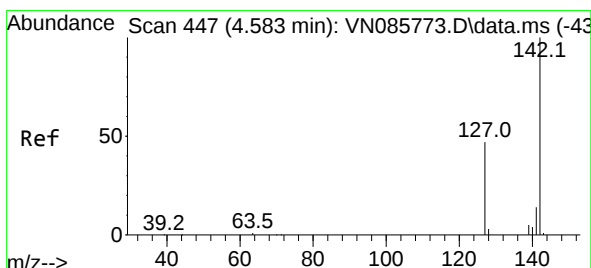
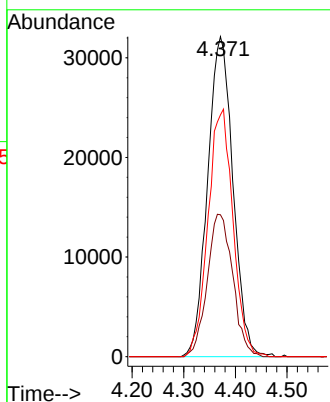
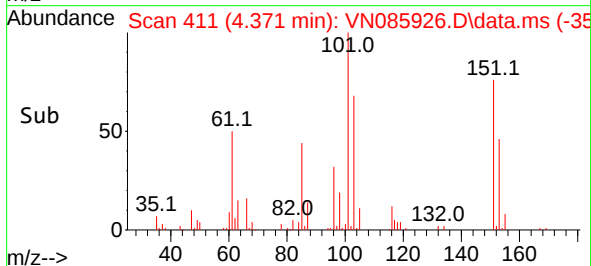
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ClientSampleId :
VSTDCCC050EC



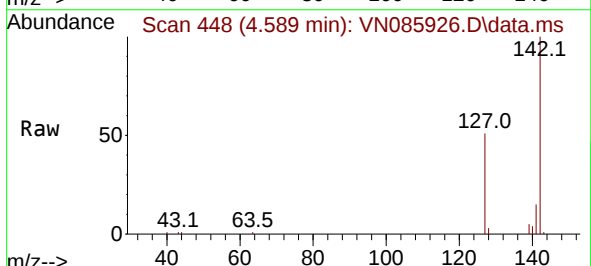
Tgt Ion:101 Resp: 10949
Ion Ratio Lower Upper
101 100
85 44.6 35.7 53.5
151 76.2 61.4 92.2

Manual Integrations
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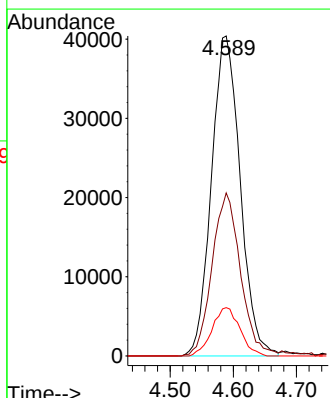
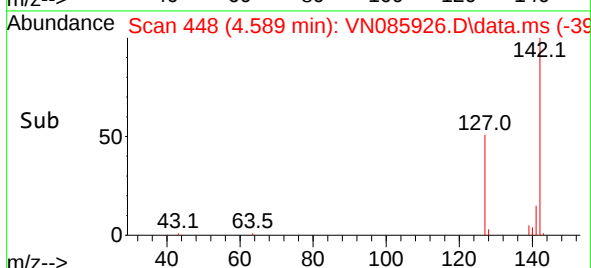
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

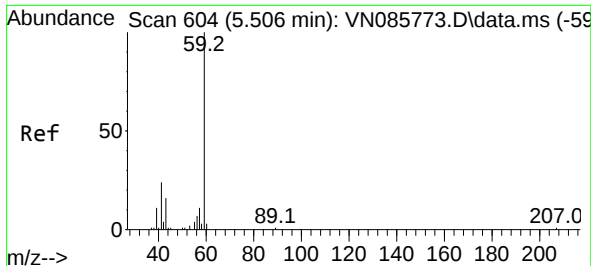


#10
Methyl Iodide
Concen: 44.226 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59



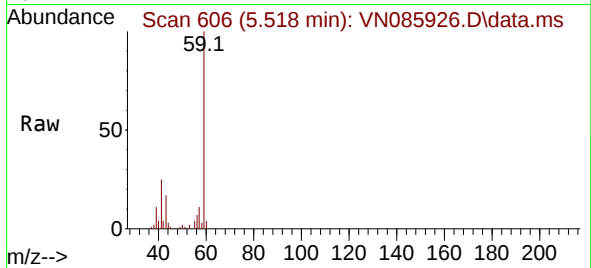
Tgt Ion:142 Resp: 127826
Ion Ratio Lower Upper
142 100
127 50.9 37.6 56.4
141 15.1 11.4 17.2





#11
Tert butyl alcohol
Concen: 241.758 ug/l
RT: 5.518 min Scan# 604
Delta R.T. 0.012 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

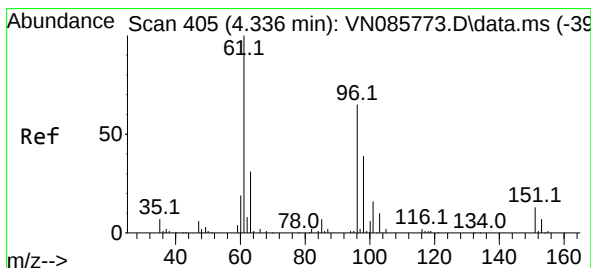
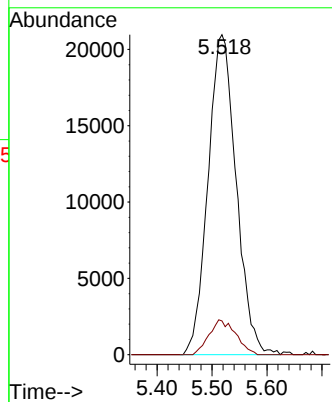
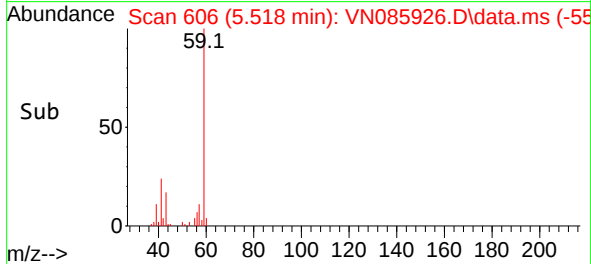
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



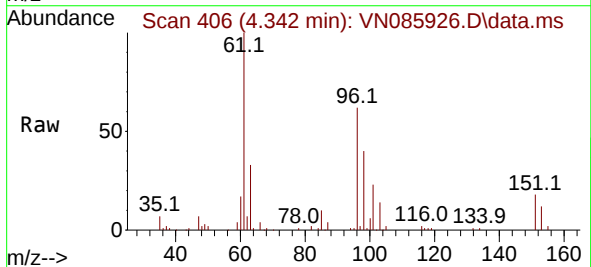
Tgt Ion: 59 Resp: 74735
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

Manual Integrations
APPROVED

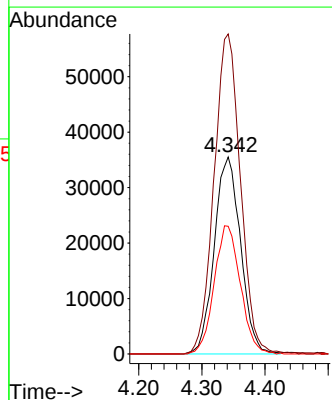
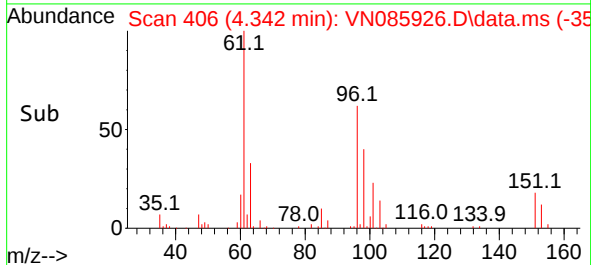
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#12
1,1-Dichloroethene
Concen: 48.368 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59



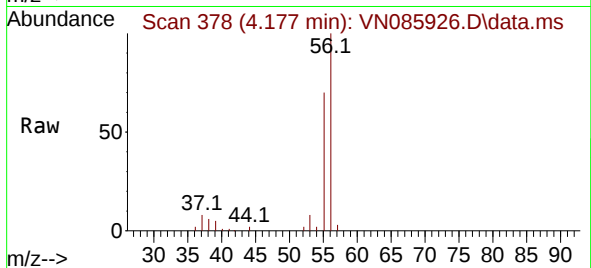
Tgt Ion: 96 Resp: 102831
Ion Ratio Lower Upper
96 100
61 162.5 123.3 184.9
98 64.8 48.6 72.8





#13
Acrolein
Concen: 228.259 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

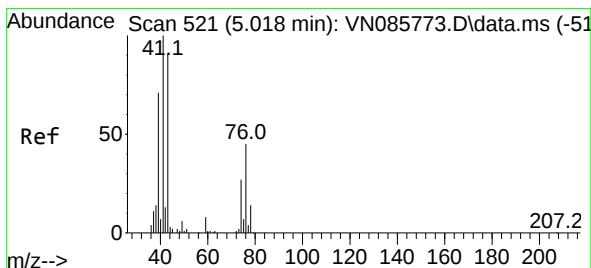
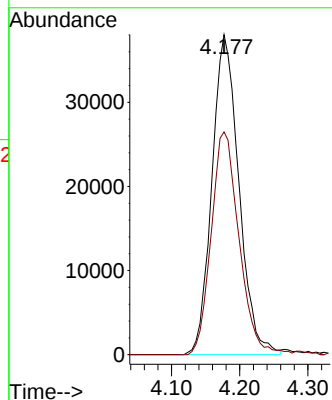
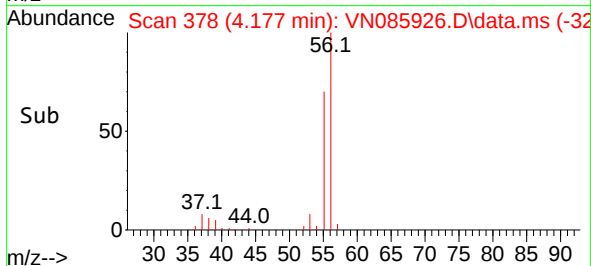
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



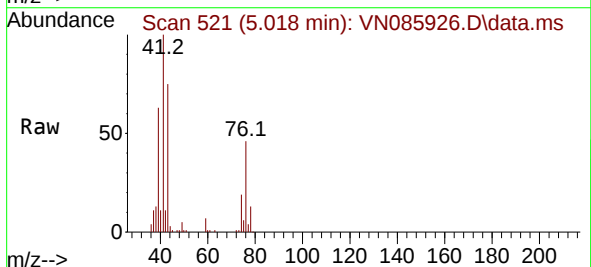
Tgt Ion: 56 Resp: 104639
Ion Ratio Lower Upper
56 100
55 71.8 55.3 82.9

Manual Integrations
APPROVED

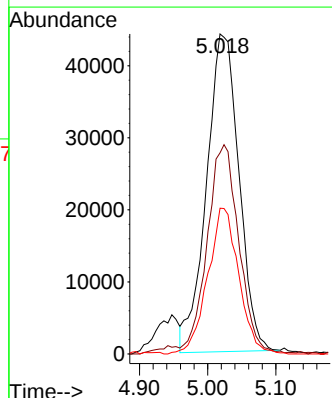
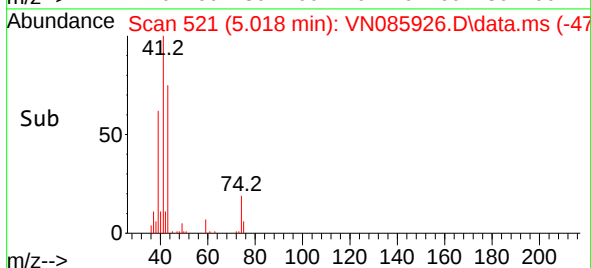
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#14
Allyl chloride
Concen: 52.459 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59



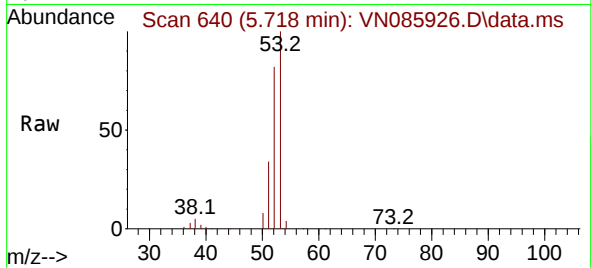
Tgt Ion: 41 Resp: 146428
Ion Ratio Lower Upper
41 100
39 63.4 57.4 86.2
76 43.9 36.2 54.2





#15
Acrylonitrile
Concen: 264.868 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

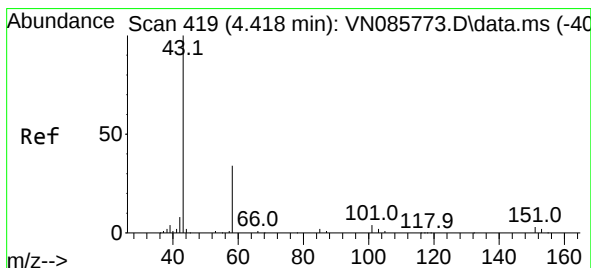
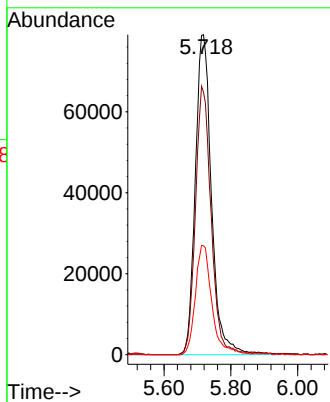
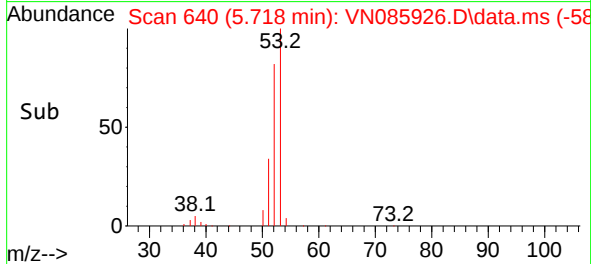
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



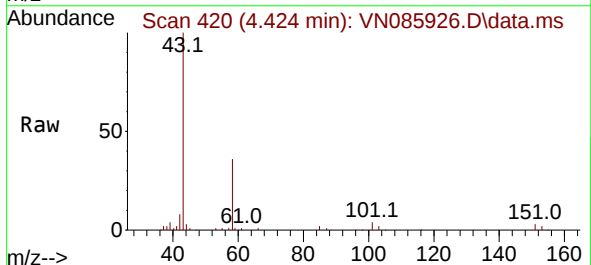
Tgt Ion: 53 Resp: 26618
Ion Ratio Lower Upper
53 100
52 80.9 65.8 98.6
51 34.9 28.6 42.8

Manual Integrations
APPROVED

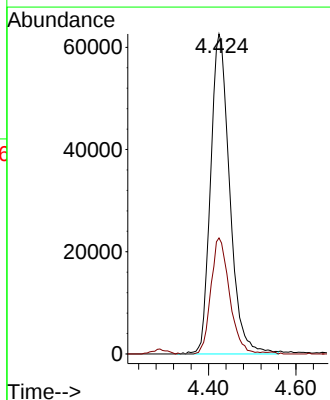
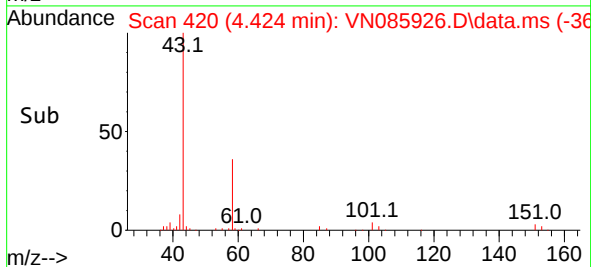
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

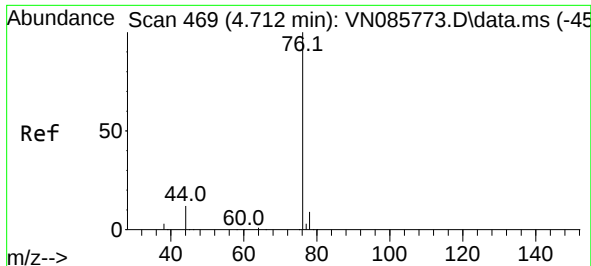


#16
Acetone
Concen: 238.705 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59



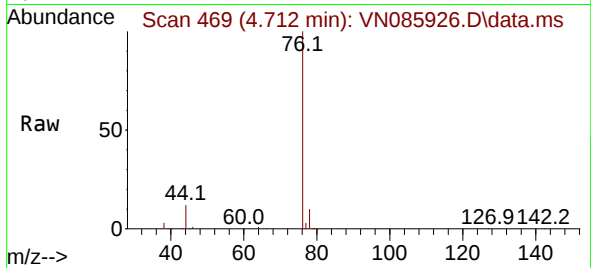
Tgt Ion: 43 Resp: 189839
Ion Ratio Lower Upper
43 100
58 36.3 27.5 41.3





#17
Carbon Disulfide
Concen: 51.103 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

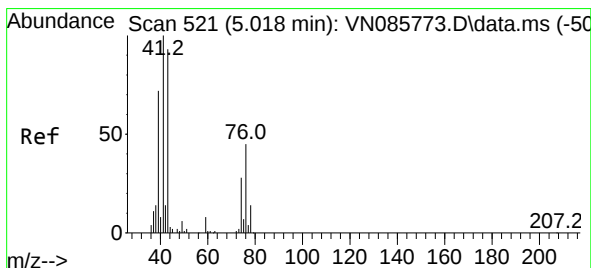
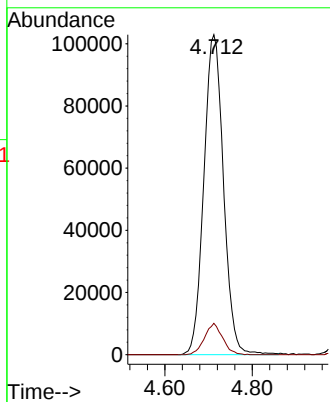
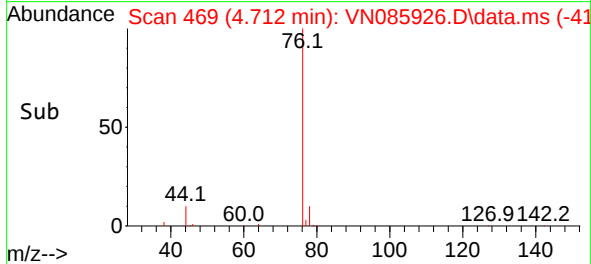
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



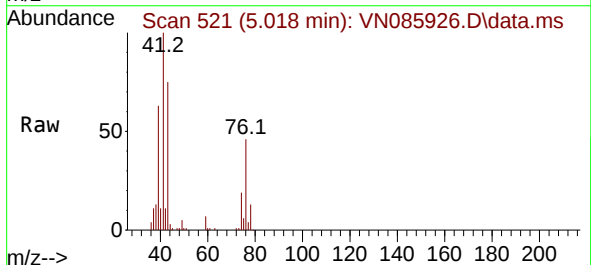
Tgt Ion: 76 Resp: 321992
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0

Manual Integrations
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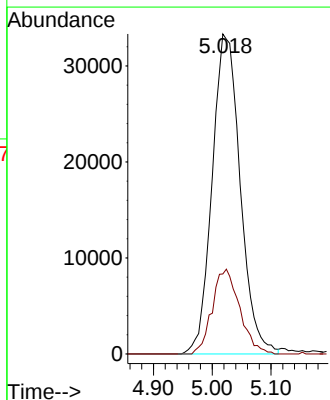
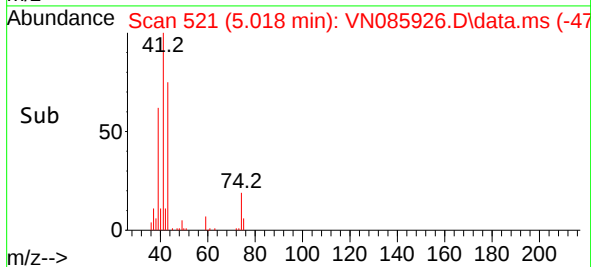
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#18
Methyl Acetate
Concen: 40.445 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59



Tgt Ion: 43 Resp: 110634
Ion Ratio Lower Upper
43 100
74 25.9 22.2 33.4





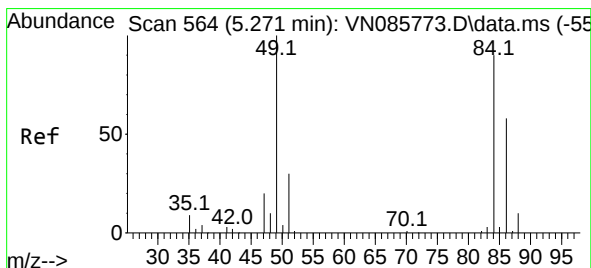
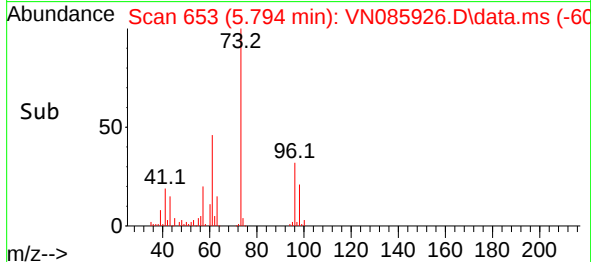
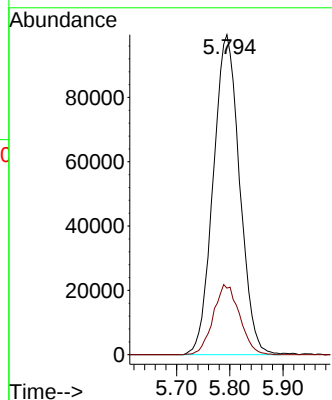
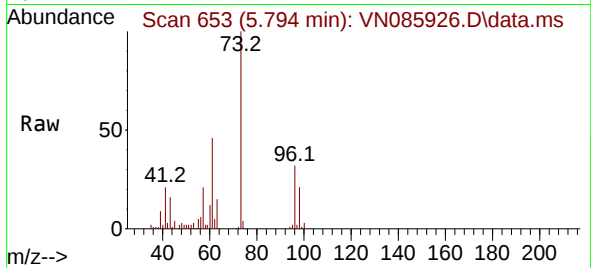
#19
Methyl tert-butyl Ether
Concen: 54.177 ug/l
RT: 5.794 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 342268
Ion Ratio Lower Upper
73 100
57 20.8 17.6 26.4

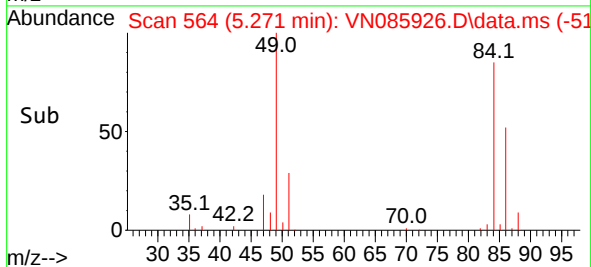
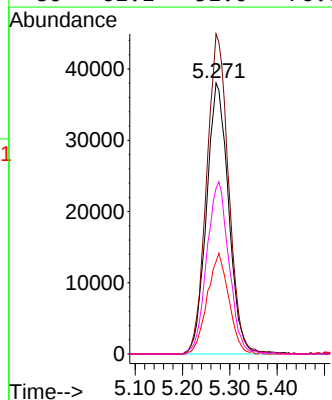
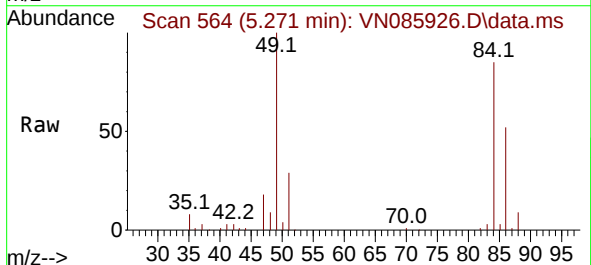
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#20
Methylene Chloride
Concen: 48.139 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

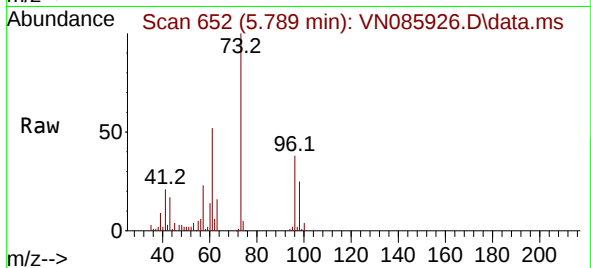
Tgt Ion: 84 Resp: 123117
Ion Ratio Lower Upper
84 100
49 118.1 88.4 132.6
51 34.1 26.6 40.0
86 61.1 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 48.913 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

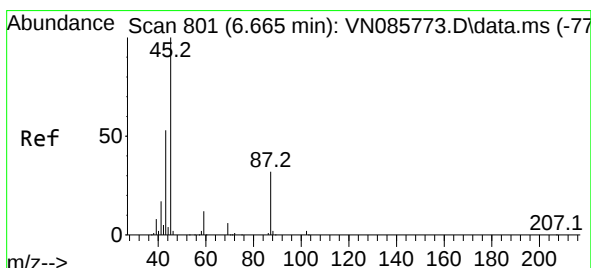
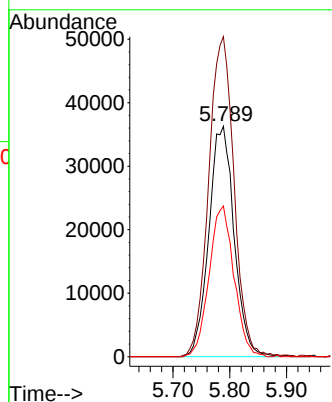
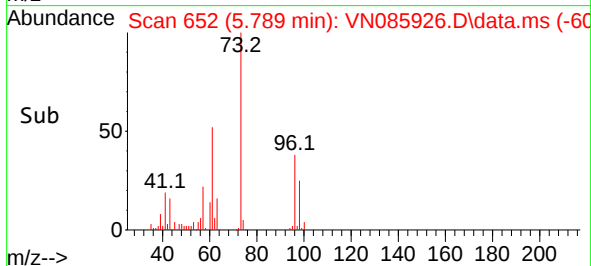
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



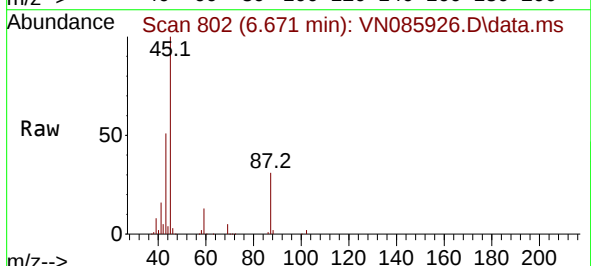
Tgt Ion: 96 Resp: 111972
Ion Ratio Lower Upper
96 100
61 138.9 112.6 168.8
98 65.4 53.3 79.9

Manual Integrations
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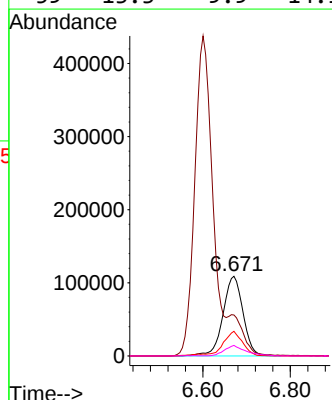
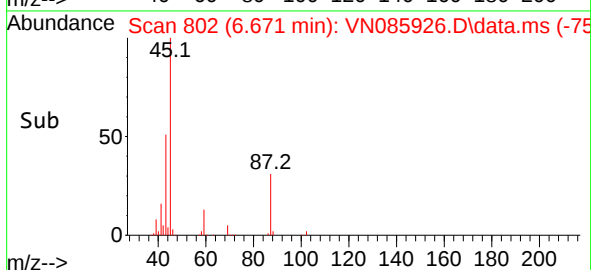
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#22
Diisopropyl ether
Concen: 54.952 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59



Tgt Ion: 45 Resp: 346591
Ion Ratio Lower Upper
45 100
43 50.6 42.6 64.0
87 30.6 25.8 38.8
59 13.3 9.9 14.9





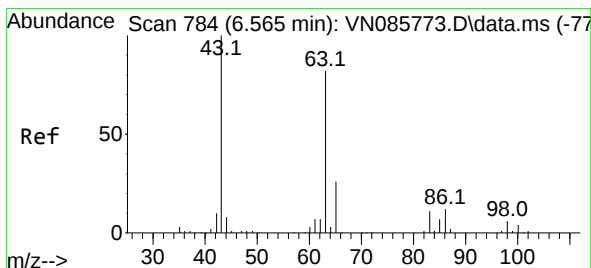
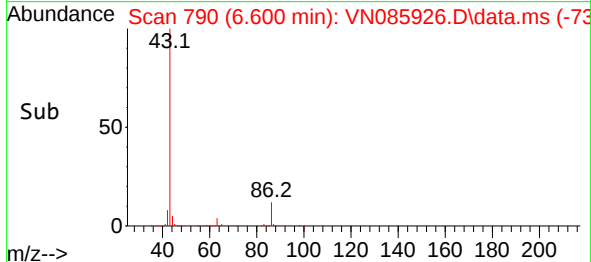
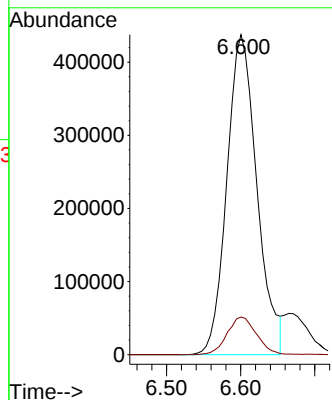
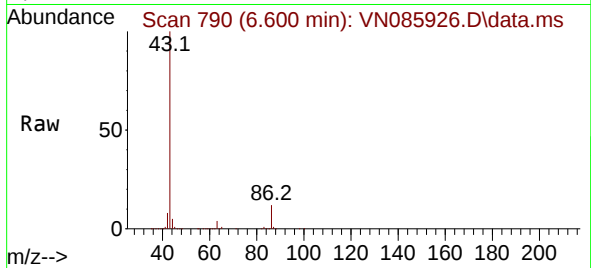
#23
 Vinyl Acetate
 Concen: 285.777 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085926.D
 Acq: 10 Mar 2025 19:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1234140
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.8 14.8

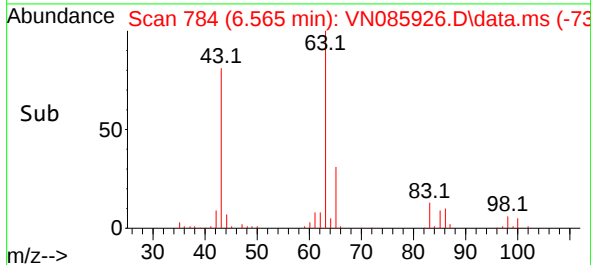
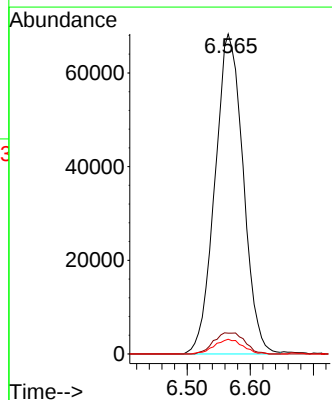
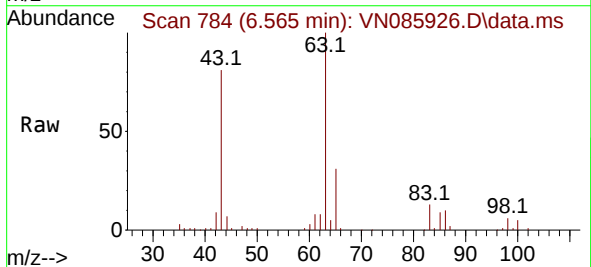
Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/11/2025
 Supervised By :Mahesh Dadoda 03/11/2025



#24
 1,1-Dichloroethane
 Concen: 49.544 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085926.D
 Acq: 10 Mar 2025 19:59

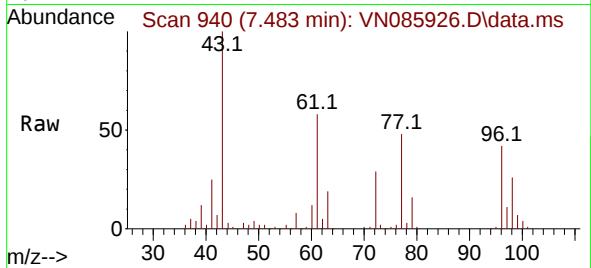
Tgt Ion: 63 Resp: 212424
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.4
 100 4.6 2.4 7.2





#25
2-Butanone
Concen: 262.266 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

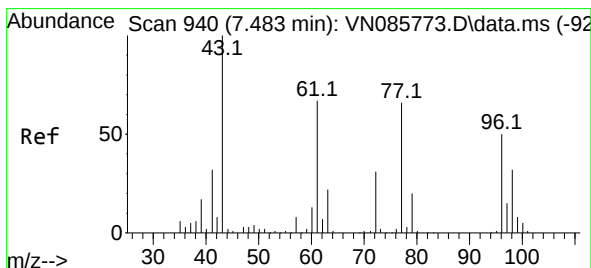
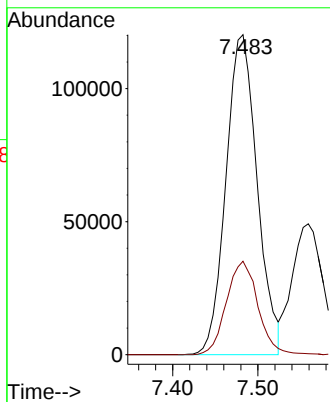
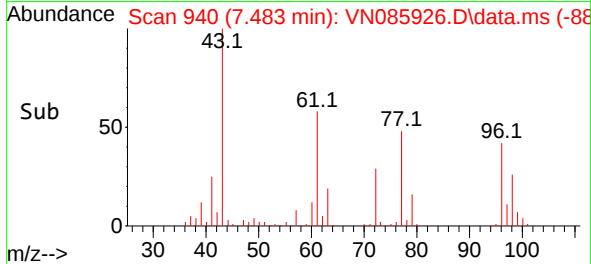
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 30685
Ion Ratio Lower Upper
43 100
72 29.2 23.6 35.4

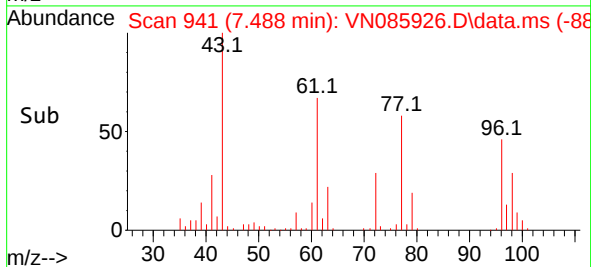
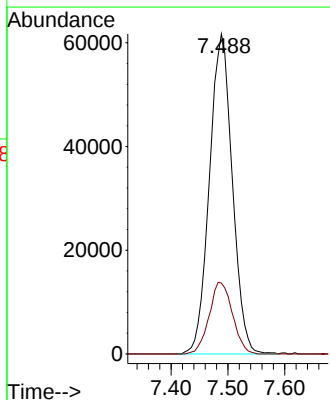
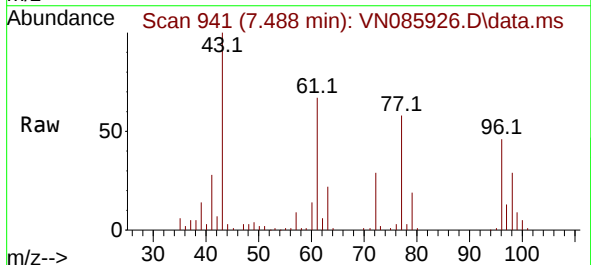
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#26
2,2-Dichloropropane
Concen: 45.273 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

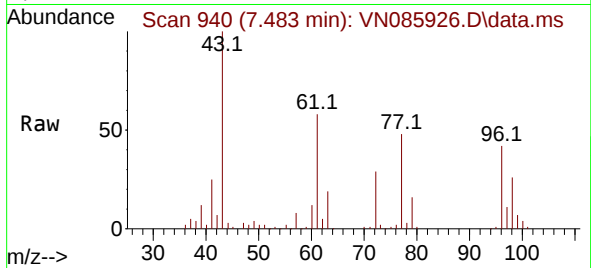
Tgt Ion: 77 Resp: 172607
Ion Ratio Lower Upper
77 100
97 22.8 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 48.458 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085926.D
 Acq: 10 Mar 2025 19:59

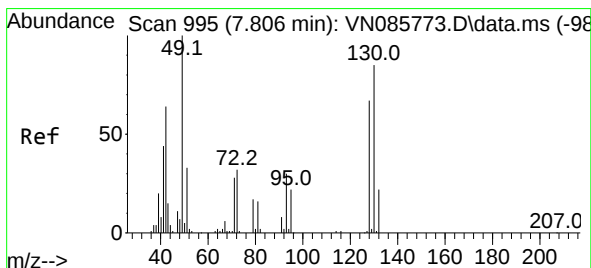
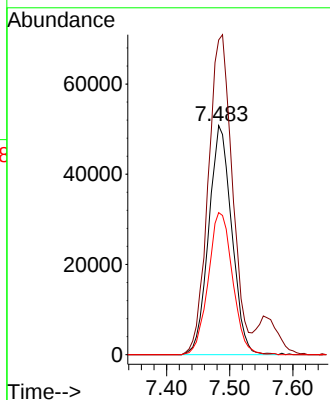
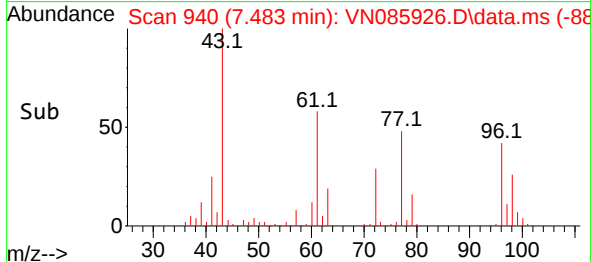
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



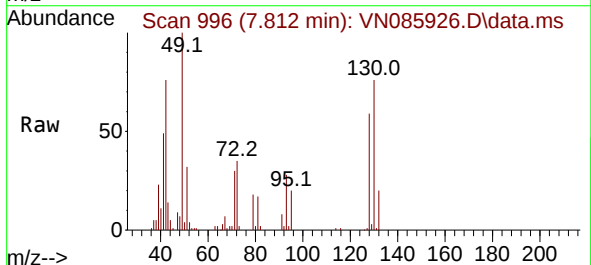
Tgt Ion: 96 Resp: 128624
 Ion Ratio Lower Upper
 96 100
 61 146.8 0.0 280.6
 98 65.6 0.0 128.6

Manual Integrations
 APPROVED

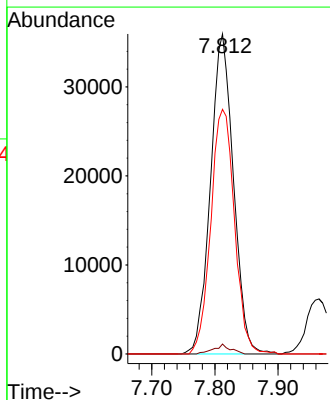
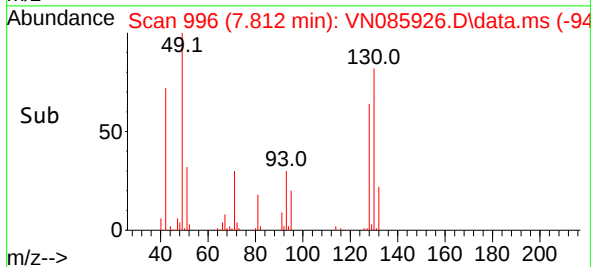
Reviewed By :John Carlone 03/11/2025
 Supervised By :Mahesh Dadoda 03/11/2025



#28
 Bromochloromethane
 Concen: 51.571 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085926.D
 Acq: 10 Mar 2025 19:59



Tgt Ion: 49 Resp: 90880
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 78.8 68.0 102.0





#29

Tetrahydrofuran

Concen: 283.299 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085926.D

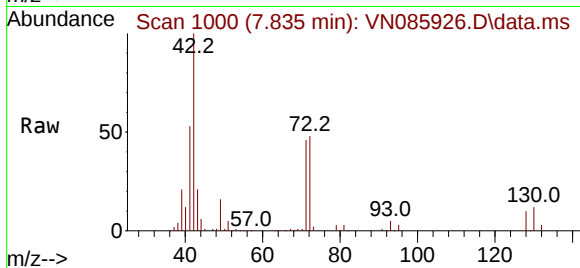
Acq: 10 Mar 2025 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



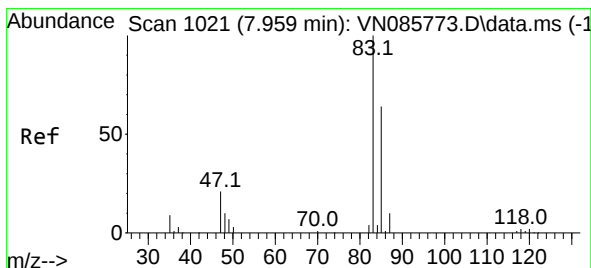
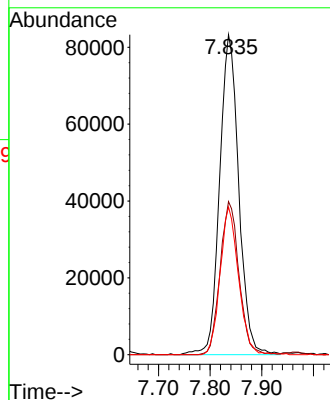
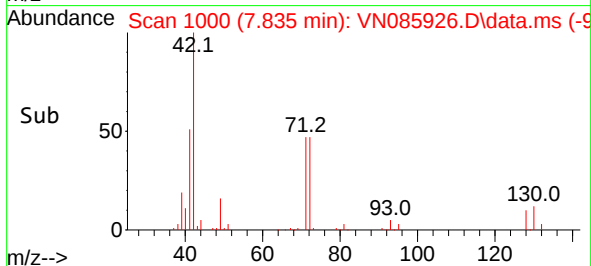
Tgt Ion:	42	Resp:	21404
Ion Ratio	42	100	
Lower	72	47.2	40.0
Upper	71	44.5	37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/11/2025

Supervised By :Mahesh Dadoda 03/11/2025



#30

Chloroform

Concen: 48.476 ug/l

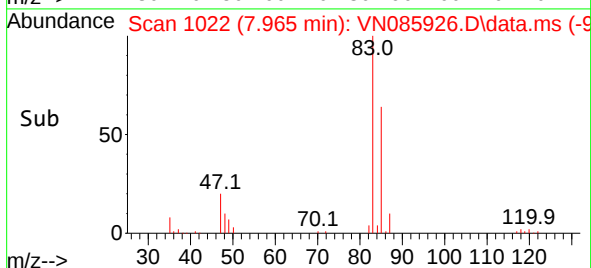
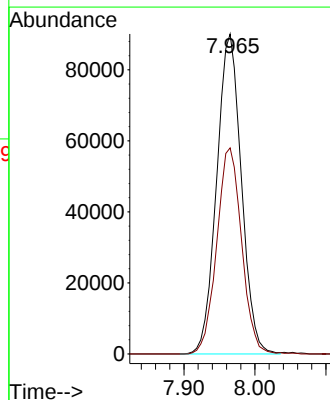
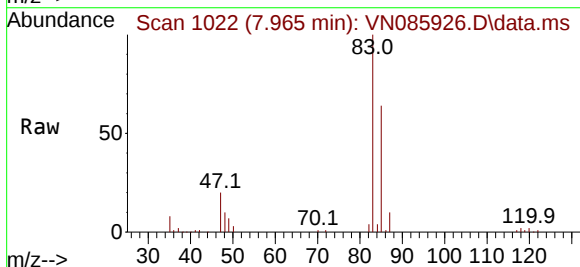
RT: 7.965 min Scan# 1022

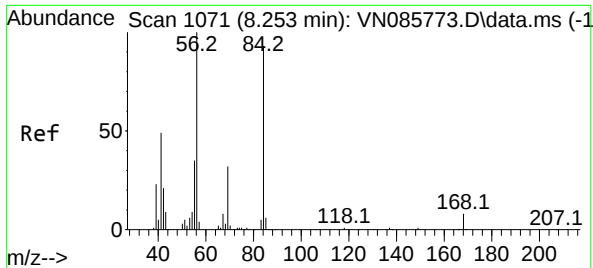
Delta R.T. 0.006 min

Lab File: VN085926.D

Acq: 10 Mar 2025 19:59

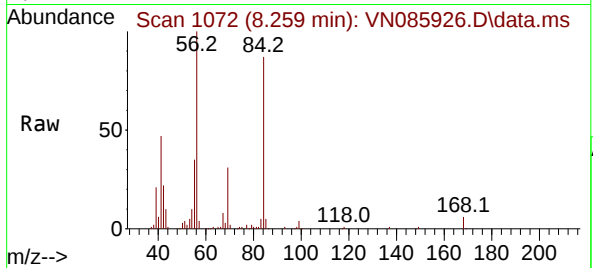
Tgt Ion:	83	Resp:	217203
Ion Ratio	83	100	
Lower	85	64.4	50.9
Upper			76.3





#31
Cyclohexane
Concen: 50.266 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

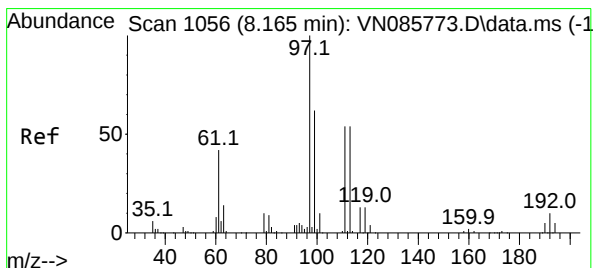
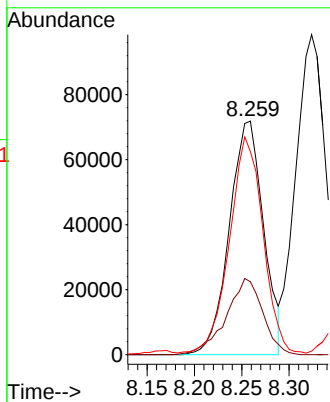
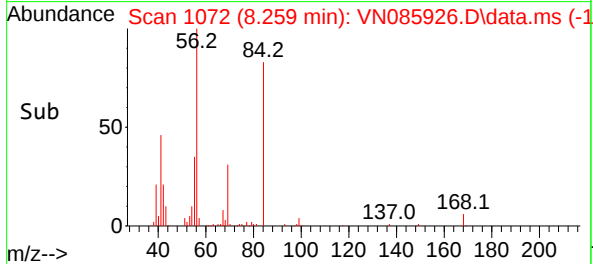
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



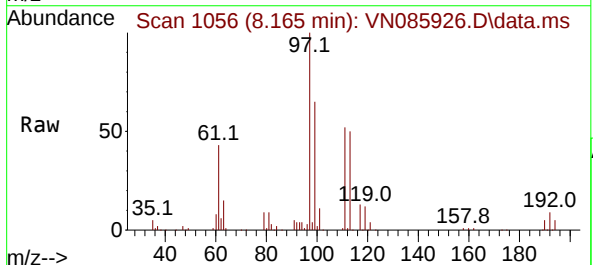
Tgt Ion: 56 Resp: 180449
Ion Ratio Lower Upper
56 100
69 31.0 25.8 38.6
84 86.2 74.5 111.7

Manual Integrations
APPROVED

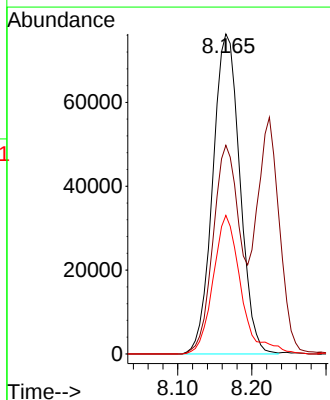
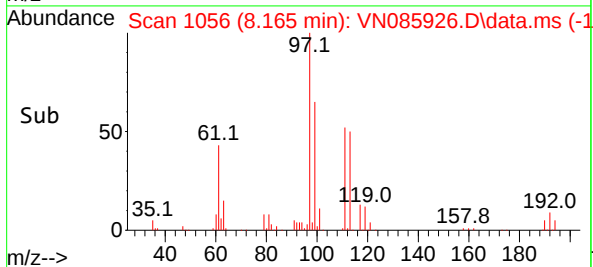
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#32
1,1,1-Trichloroethane
Concen: 48.644 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59



Tgt Ion: 97 Resp: 193859
Ion Ratio Lower Upper
97 100
99 64.8 50.4 75.6
61 44.4 35.5 53.3





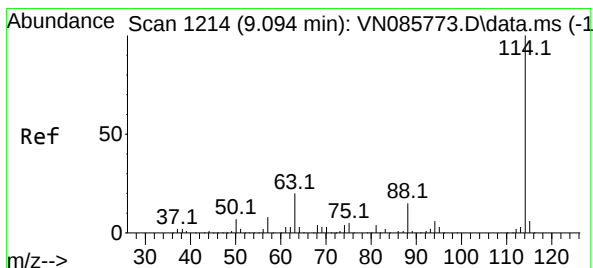
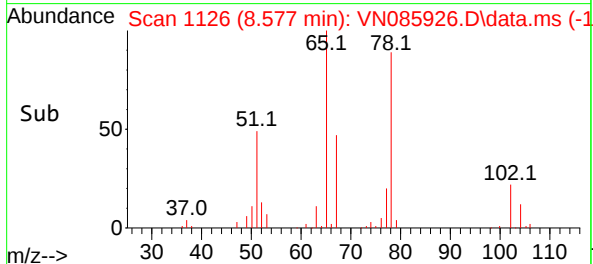
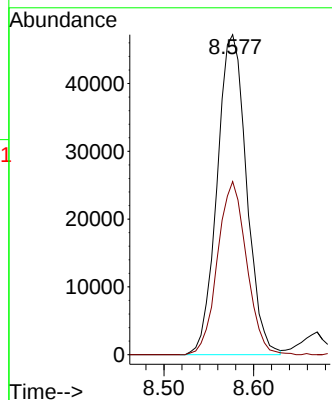
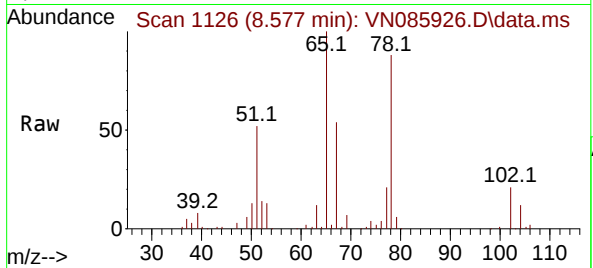
#33
1,2-Dichloroethane-d4
Concen: 42.744 ug/l
RT: 8.577 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 10743
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.2

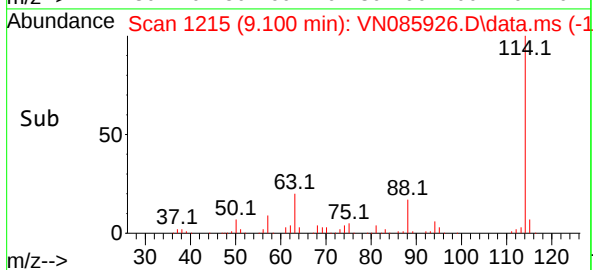
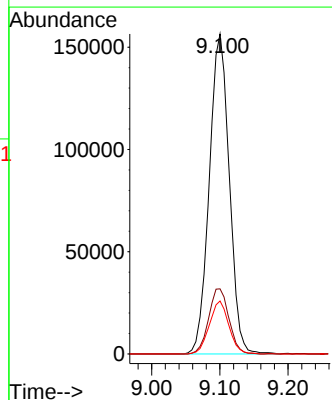
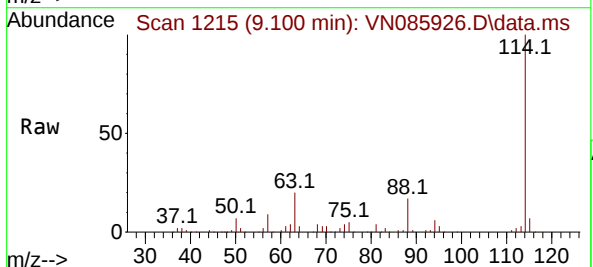
Manual Integrations
APPROVED

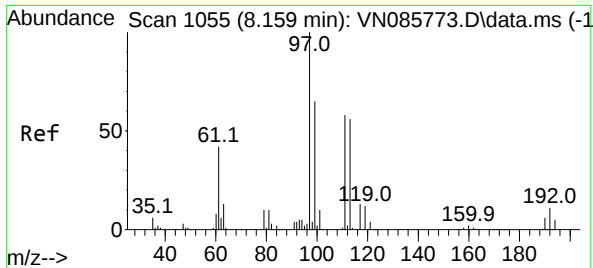
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

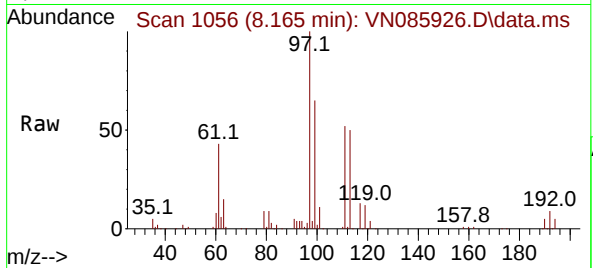
Tgt Ion:114 Resp: 319633
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.2
88 16.6 0.0 30.0





#35
Dibromofluoromethane
Concen: 43.114 ug/l
RT: 8.165 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

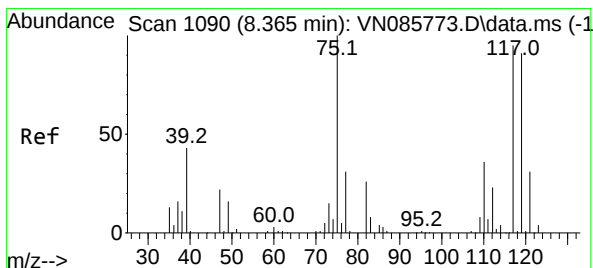
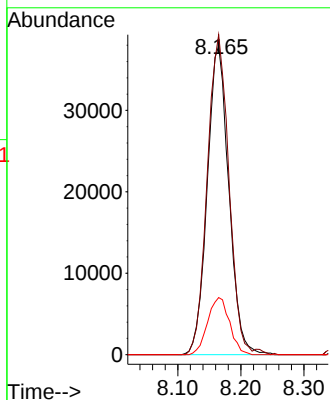
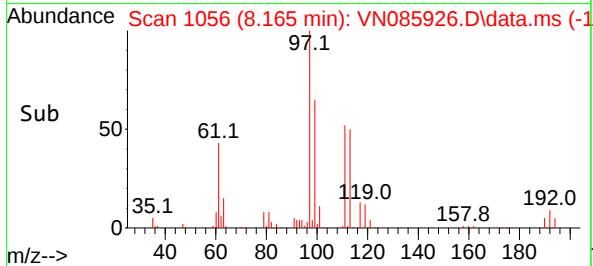
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 90174
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.4
192 18.8 14.7 22.1

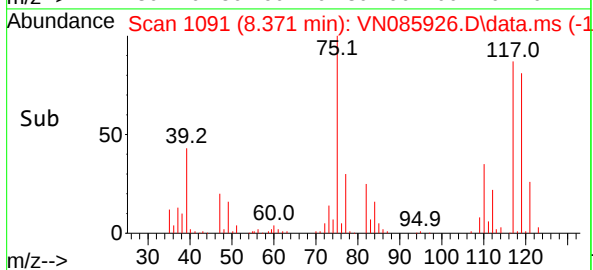
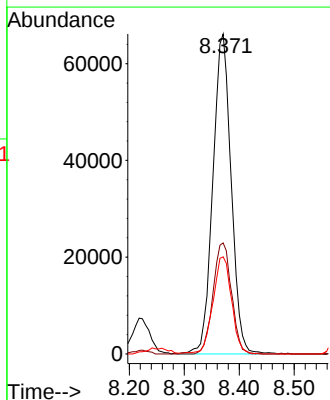
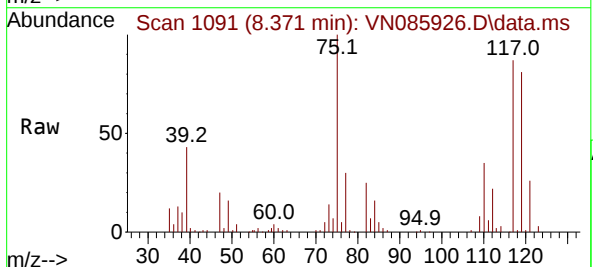
Manual Integrations
APPROVED

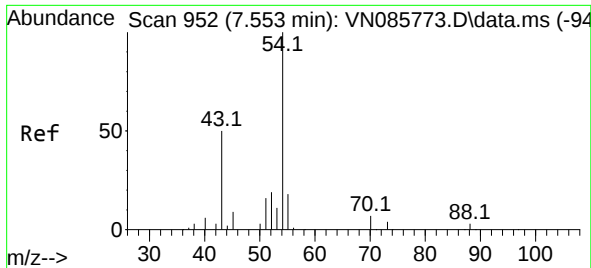
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#36
1,1-Dichloropropene
Concen: 51.678 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

Tgt Ion: 75 Resp: 152972
Ion Ratio Lower Upper
75 100
110 34.9 17.3 52.0
77 31.0 24.6 37.0





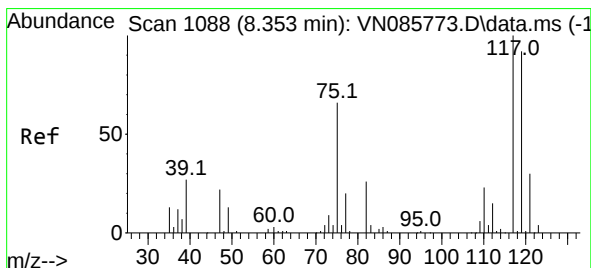
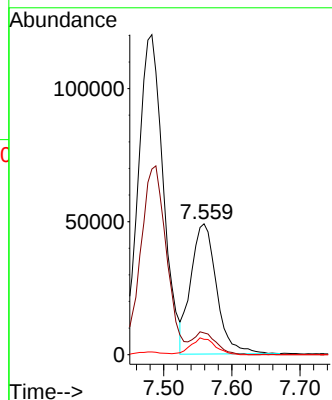
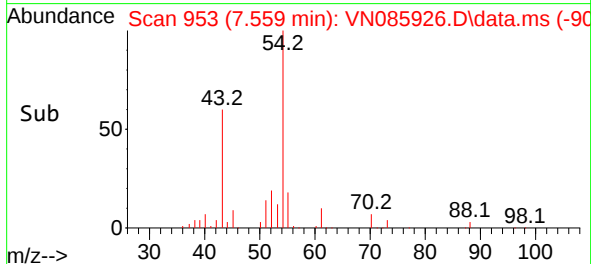
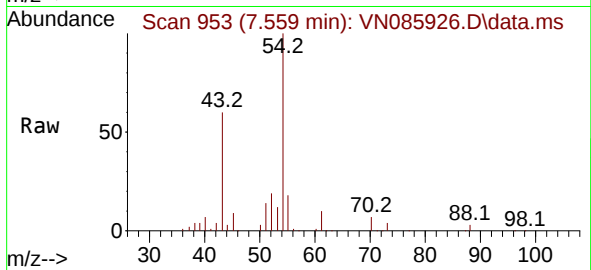
#37
Ethyl Acetate
Concen: 52.554 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 12802
Ion Ratio Lower Upper
43 100
61 15.3 12.2 18.2
70 12.1 9.5 14.3

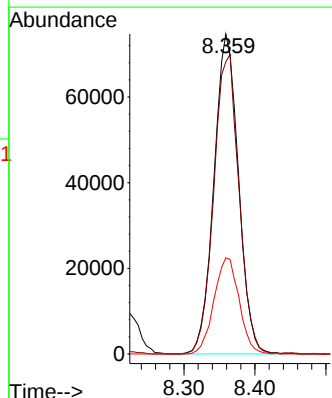
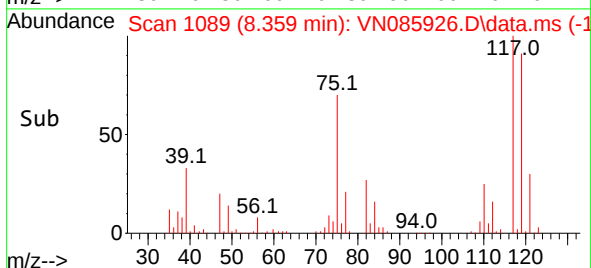
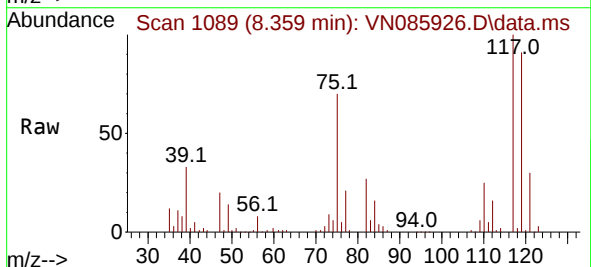
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#38
Carbon Tetrachloride
Concen: 50.770 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

Tgt Ion:117 Resp: 178566
Ion Ratio Lower Upper
117 100
119 91.3 73.8 110.6
121 30.0 24.3 36.5





#39
Methylcyclohexane
Concen: 53.218 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

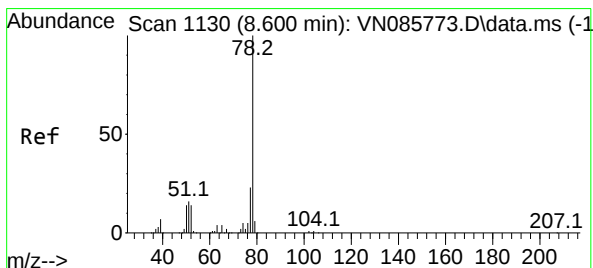
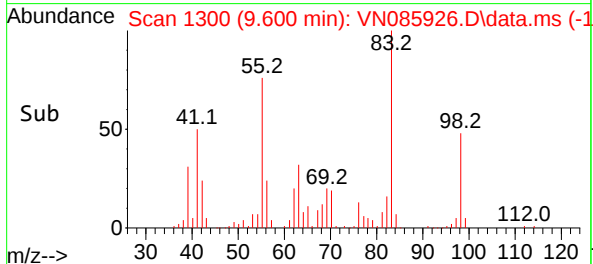
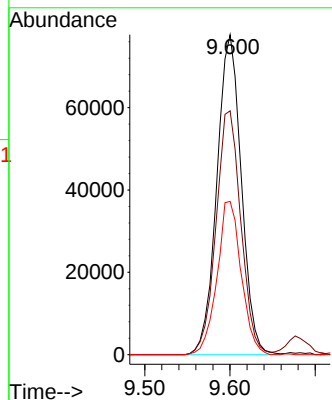
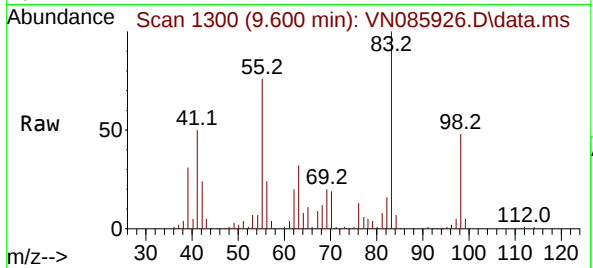
Tgt Ion: 83 Resp: 154750
Ion Ratio Lower Upper
83 100
55 76.2 57.5 86.3
98 47.9 39.2 58.8

Manual Integrations

APPROVED

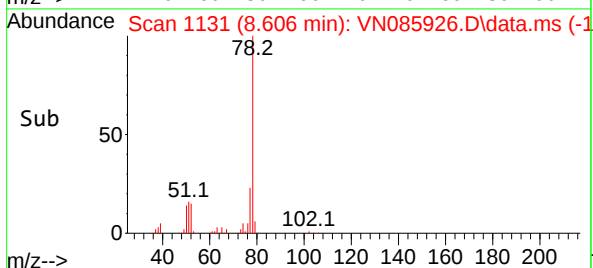
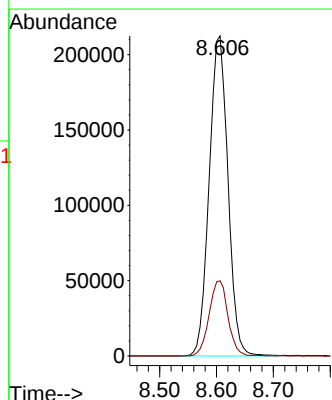
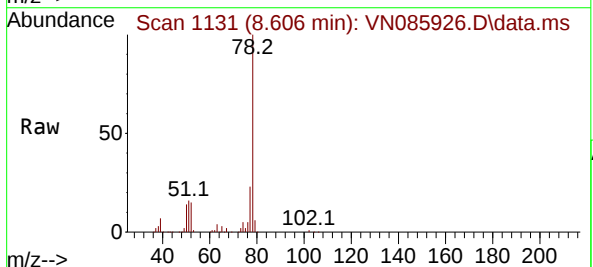
Reviewed By :John Carlone 03/11/2025

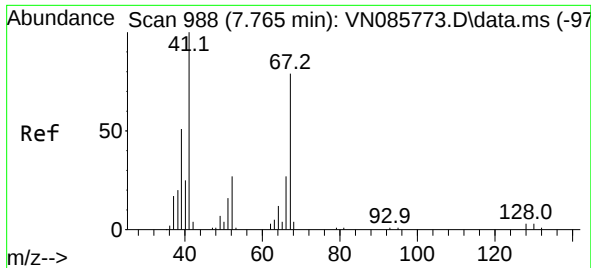
Supervised By :Mahesh Dadoda 03/11/2025



#40
Benzene
Concen: 51.354 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

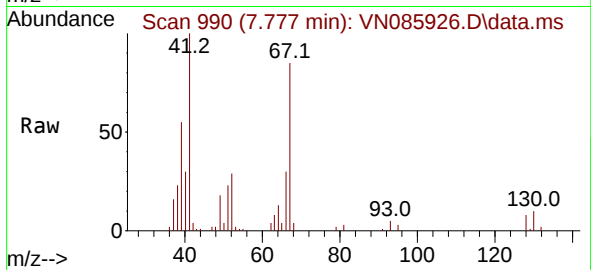
Tgt Ion: 78 Resp: 487209
Ion Ratio Lower Upper
78 100
77 23.5 18.3 27.5





#41
Methacrylonitrile
Concen: 52.157 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

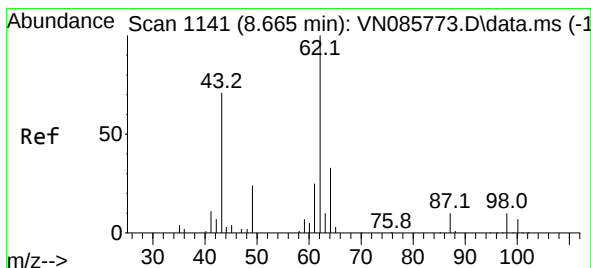
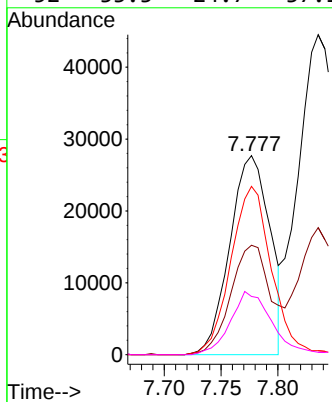
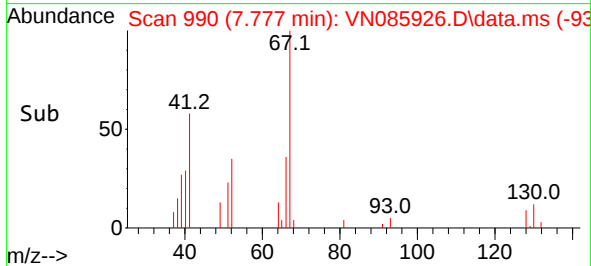
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 67919
Ion Ratio Lower Upper
41 100
39 56.5 42.0 63.0
67 86.3 64.2 96.4
52 33.3 24.7 37.1

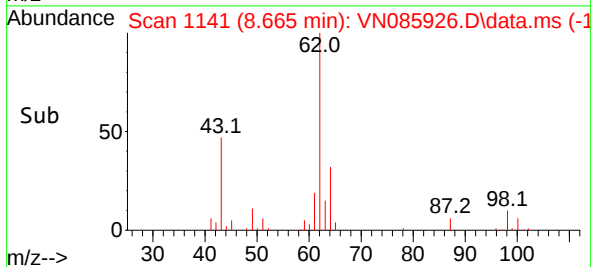
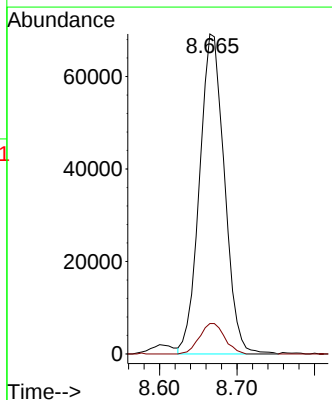
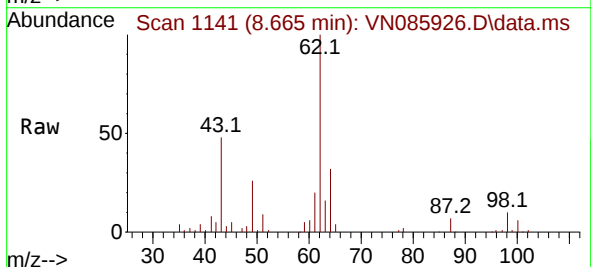
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#42
1,2-Dichloroethane
Concen: 50.065 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

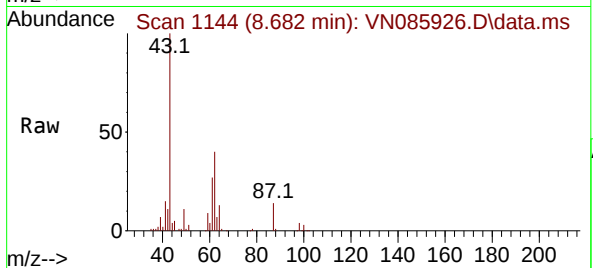
Tgt Ion: 62 Resp: 154712
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.6





#43
Isopropyl Acetate
Concen: 54.361 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

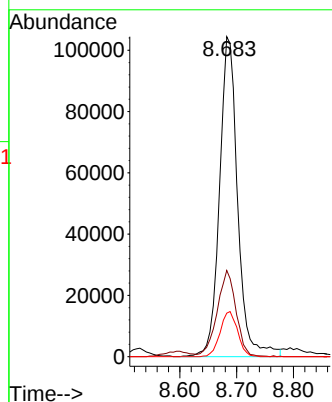
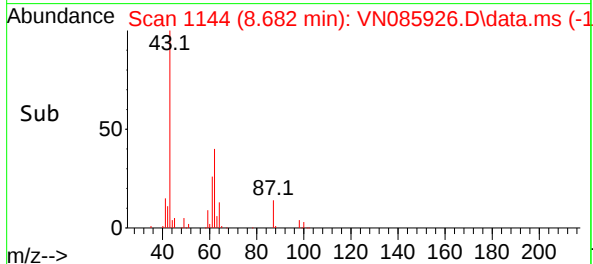
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 23219
Ion Ratio Lower Upper
43 100
61 28.0 22.6 34.0
87 13.6 11.8 17.8

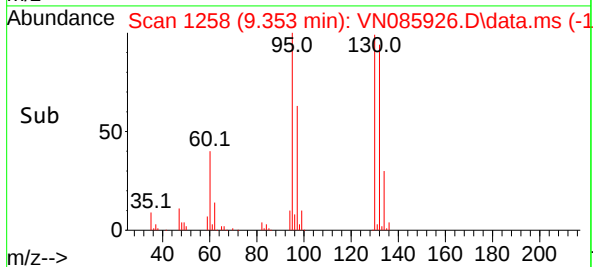
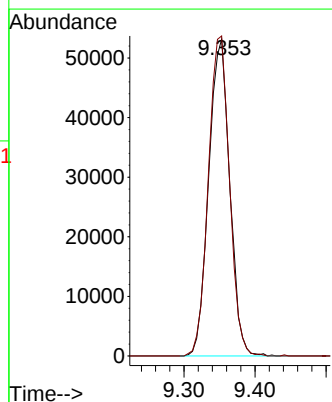
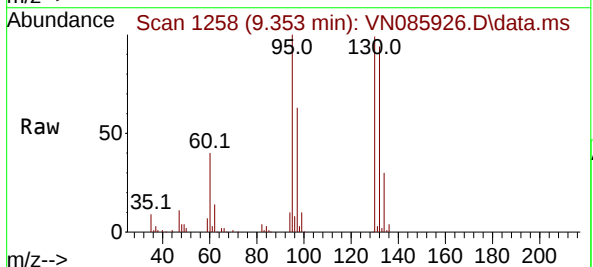
Manual Integrations
APPROVED

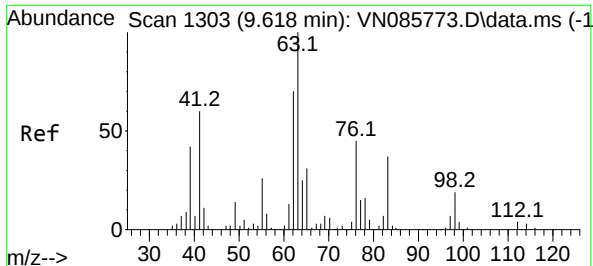
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#44
Trichloroethene
Concen: 46.863 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

Tgt Ion:130 Resp: 109163
Ion Ratio Lower Upper
130 100
95 101.0 0.0 202.6





#45

1,2-Dichloropropane

Concen: 52.748 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085926.D

Acq: 10 Mar 2025 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 12079

Ion Ratio Lower Upper

63 100

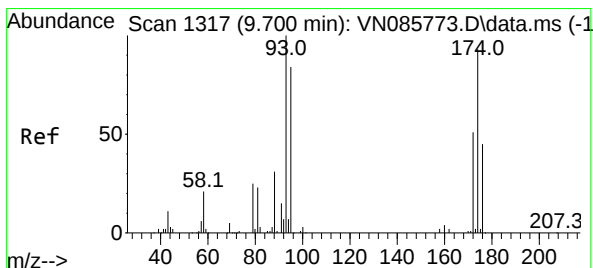
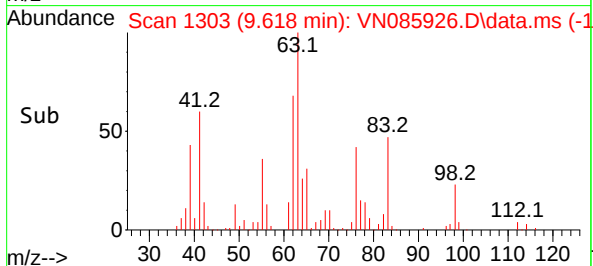
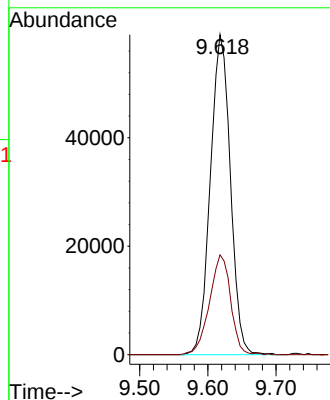
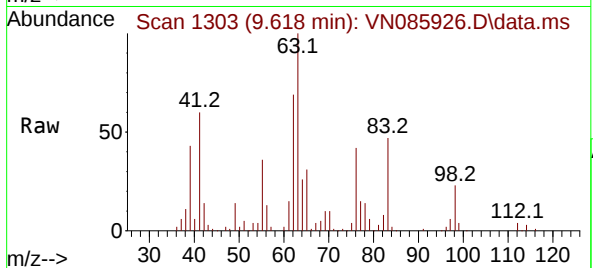
65 31.2 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/11/2025

Supervised By :Mahesh Dadoda 03/11/2025



#46

Dibromomethane

Concen: 50.024 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085926.D

Acq: 10 Mar 2025 19:59

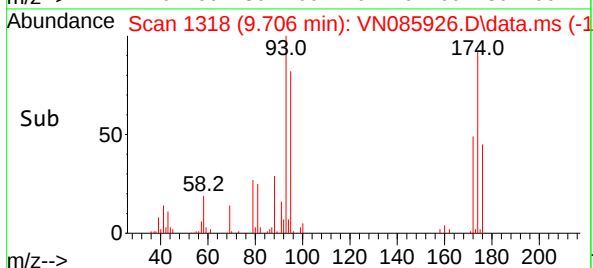
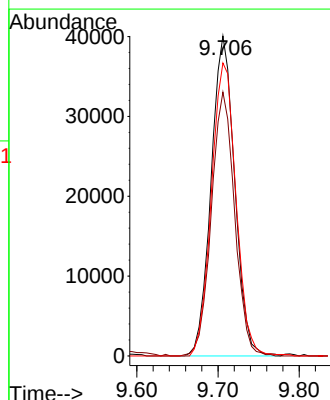
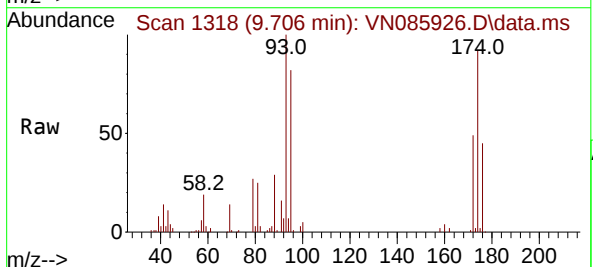
Tgt Ion: 93 Resp: 80805

Ion Ratio Lower Upper

93 100

95 81.6 66.7 100.1

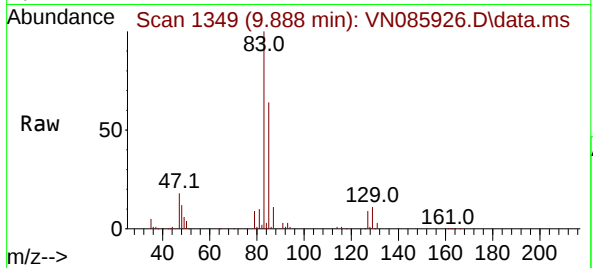
174 95.5 77.2 115.8





#47
Bromodichloromethane
Concen: 49.999 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

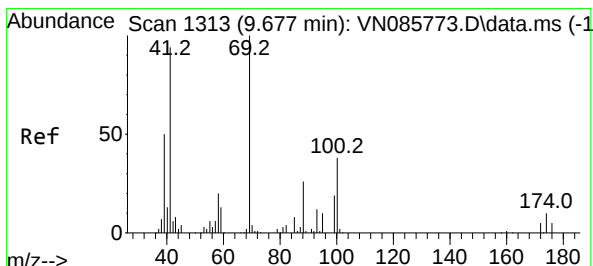
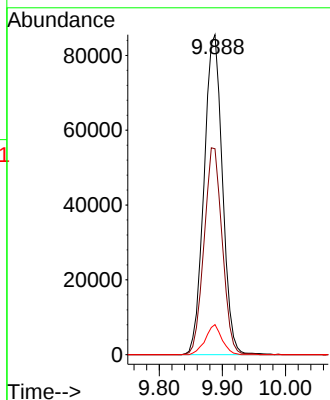
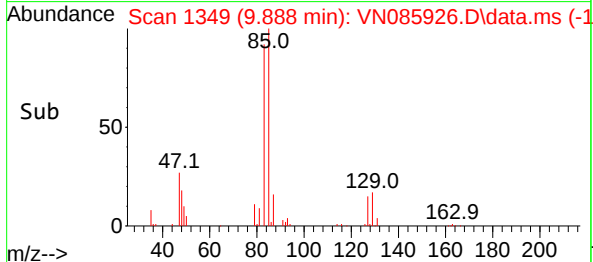
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



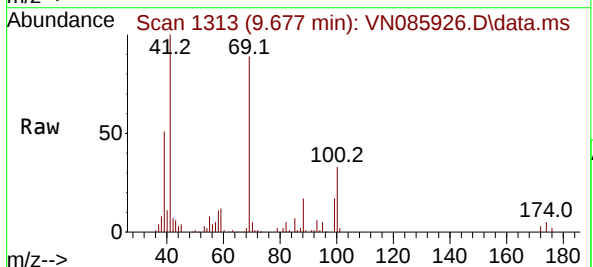
Tgt Ion: 83 Resp: 17279
Ion Ratio Lower Upper
83 100
85 64.3 50.5 75.7
127 9.4 7.2 10.8

Manual Integrations
APPROVED

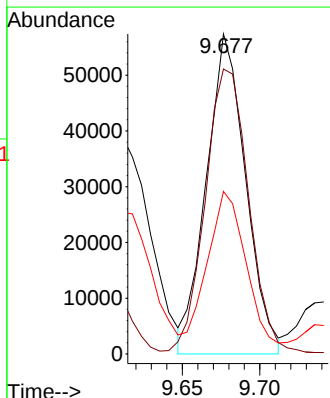
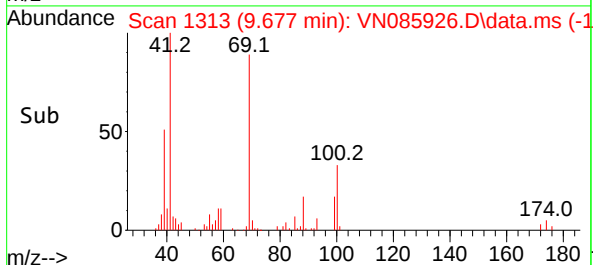
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

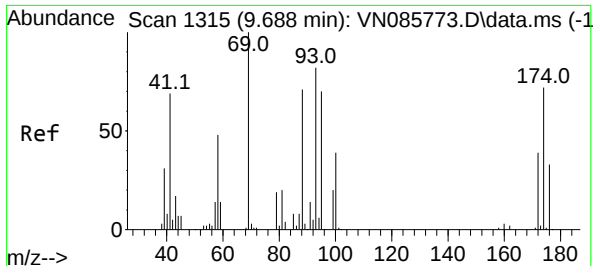


#48
Methyl methacrylate
Concen: 55.952 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59



Tgt Ion: 41 Resp: 101222
Ion Ratio Lower Upper
41 100
69 99.2 76.0 114.0
39 51.9 42.3 63.5





#49

1,4-Dioxane

Concen: 1166.265 ug/l

RT: 9.688 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085926.D

Acq: 10 Mar 2025 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

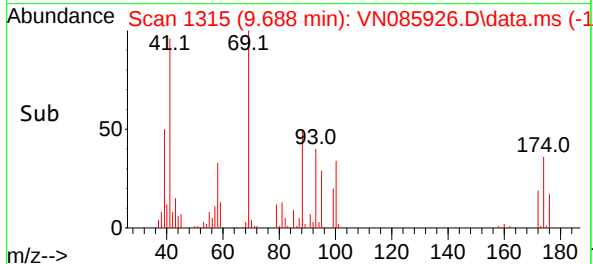
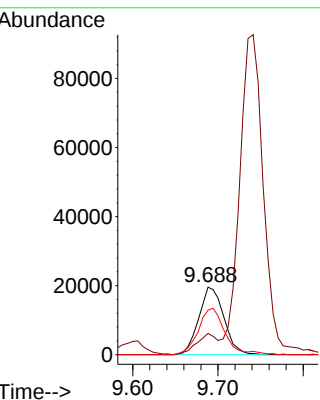
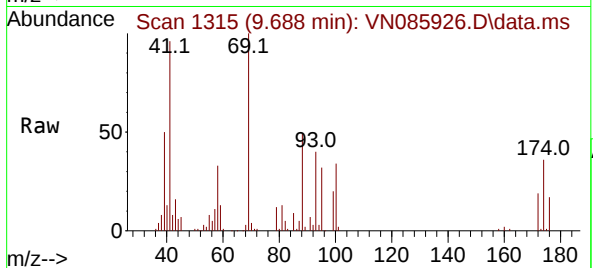
Tgt Ion: 88 Resp: 4012
 Ion Ratio Lower Upper
 88 100
 43 25.2 18.6 27.8
 58 73.1 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/11/2025

Supervised By :Mahesh Dadoda 03/11/2025



#50

Toluene-d8

Concen: 43.790 ug/l

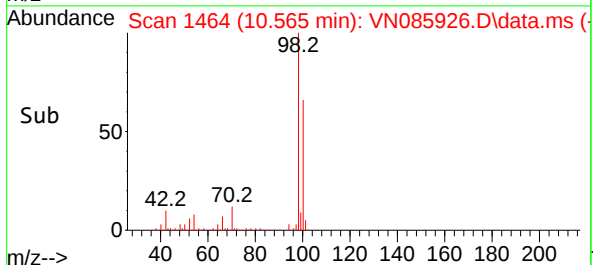
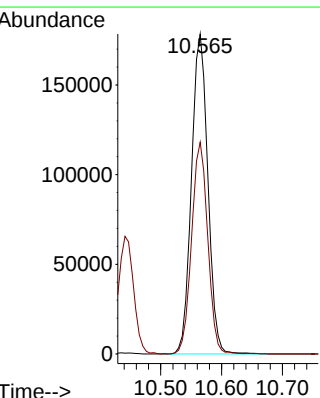
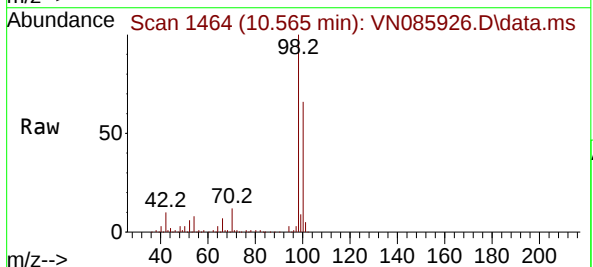
RT: 10.565 min Scan# 1464

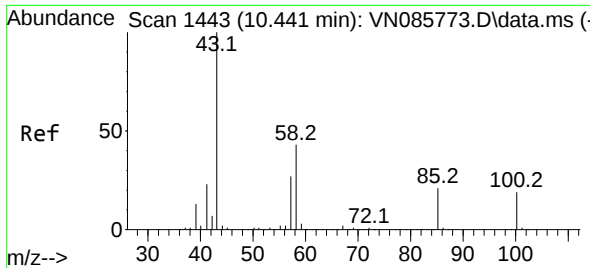
Delta R.T. 0.006 min

Lab File: VN085926.D

Acq: 10 Mar 2025 19:59

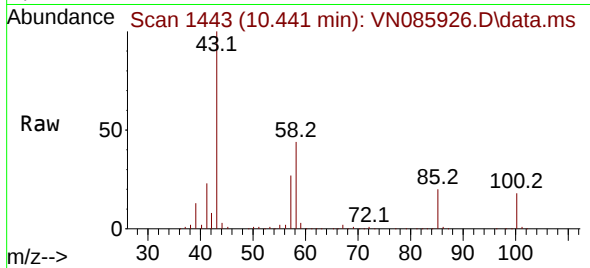
Tgt Ion: 98 Resp: 333224
 Ion Ratio Lower Upper
 98 100
 100 65.2 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 279.785 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

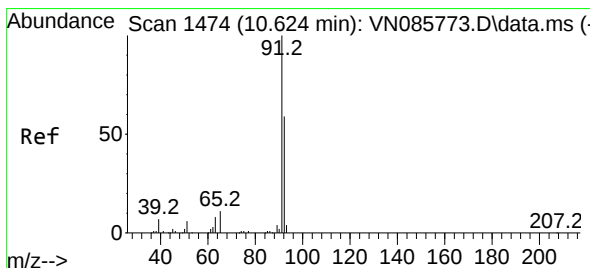
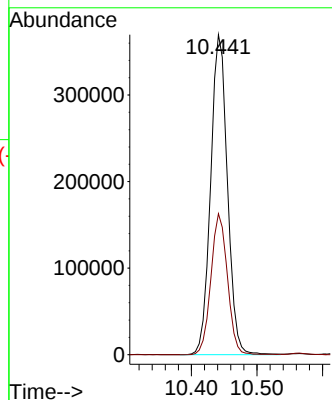
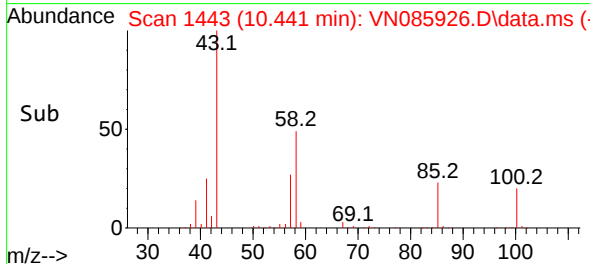
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



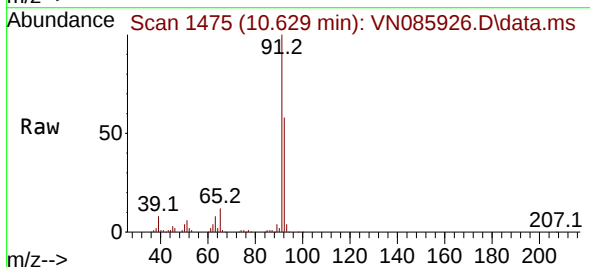
Tgt Ion: 43 Resp: 657104
Ion Ratio Lower Upper
43 100
58 43.4 34.6 52.0

Manual Integrations
APPROVED

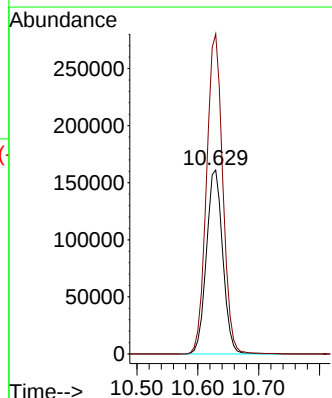
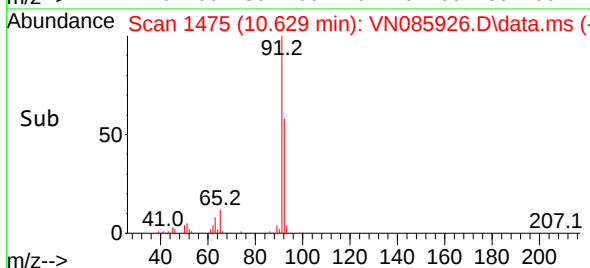
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#52
Toluene
Concen: 54.003 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59



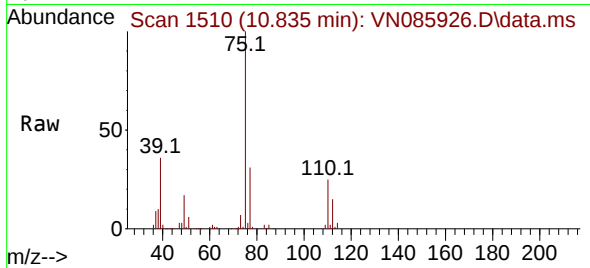
Tgt Ion: 92 Resp: 300326
Ion Ratio Lower Upper
92 100
91 172.8 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 53.991 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

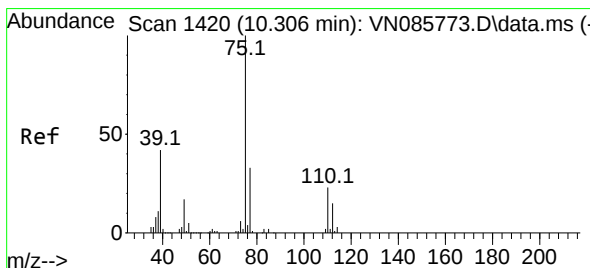
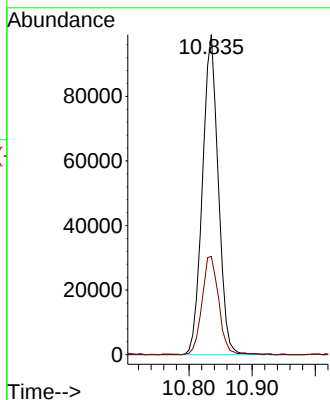
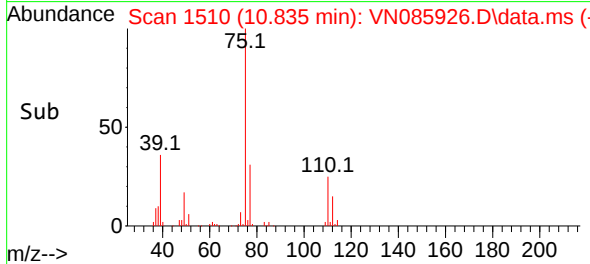
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 172534
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0

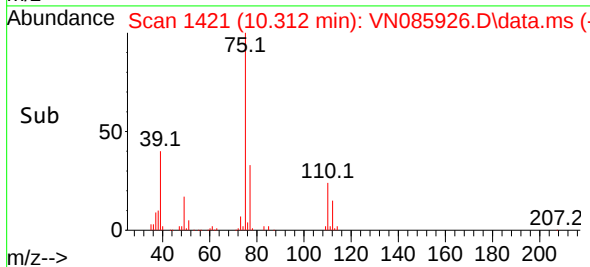
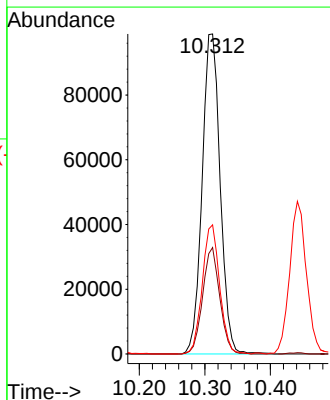
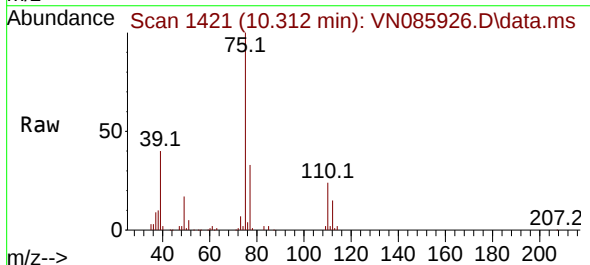
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#54
cis-1,3-Dichloropropene
Concen: 54.023 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

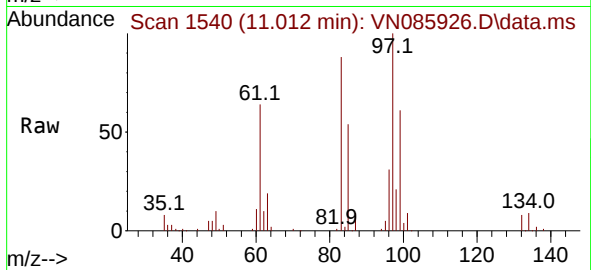
Tgt Ion: 75 Resp: 189308
Ion Ratio Lower Upper
75 100
77 33.2 26.1 39.1
39 40.4 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 50.223 ug/l
RT: 11.012 min Scan# 11050
Delta R.T. -0.000 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

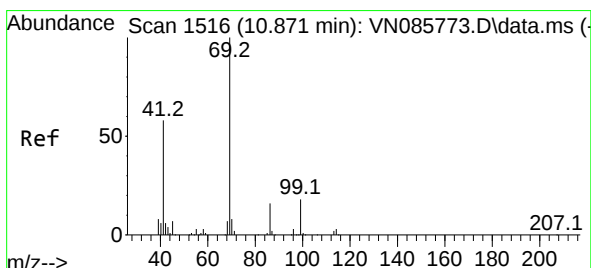
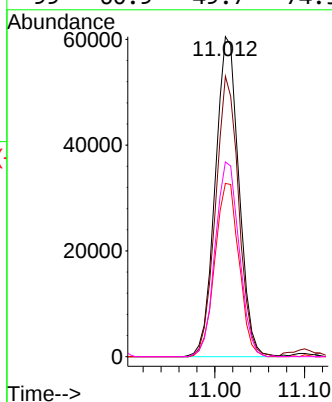
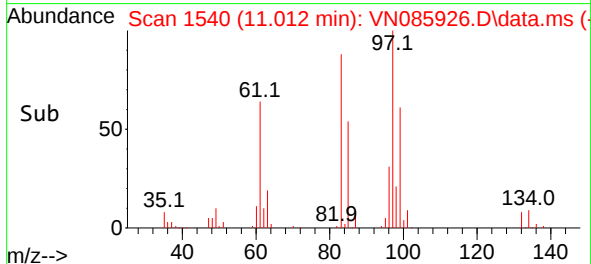
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



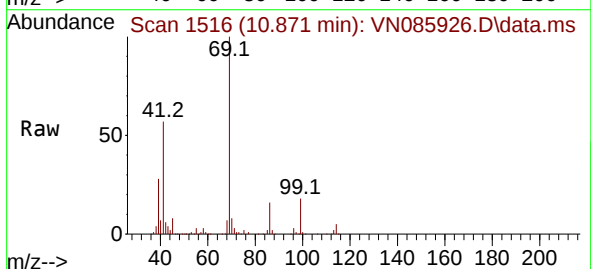
Tgt Ion:	97	Resp:	111050
Ion	Ratio	Lower	Upper
97	100		
83	87.7	66.1	99.1
85	54.1	44.7	67.1
99	60.9	49.7	74.5

Manual Integrations
APPROVED

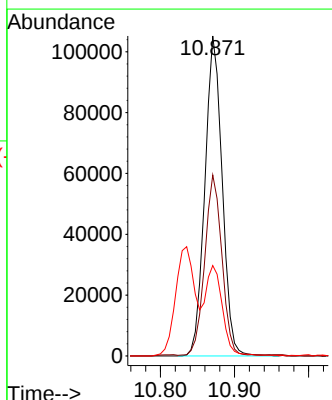
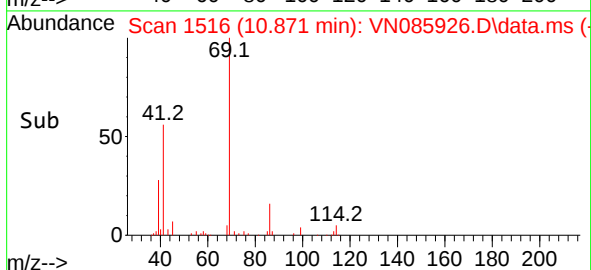
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

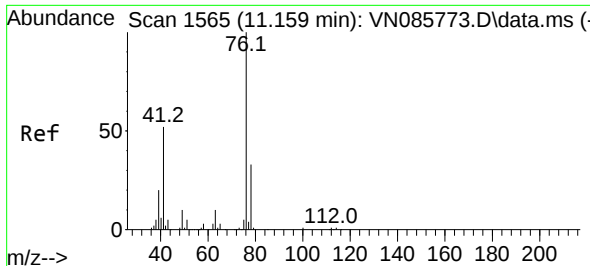


#56
Ethyl methacrylate
Concen: 53.293 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59



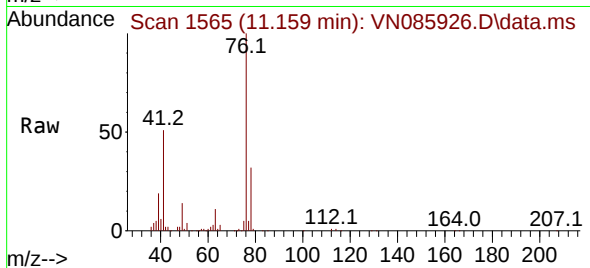
Tgt Ion:	69	Resp:	170797
Ion	Ratio	Lower	Upper
69	100		
41	55.7	46.0	69.0
39	28.1	22.0	33.0





#57
1,3-Dichloropropane
Concen: 52.677 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

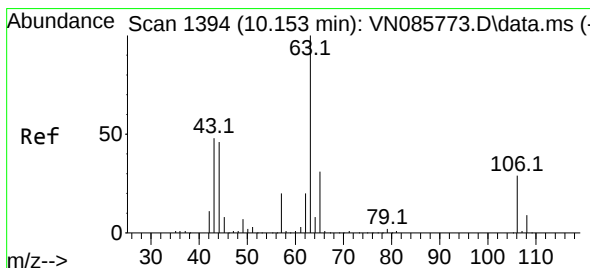
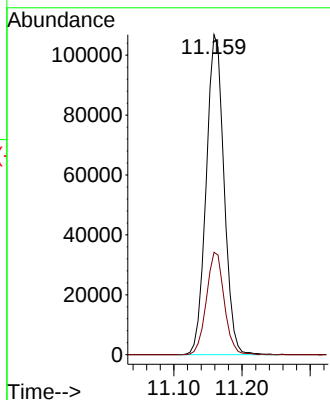
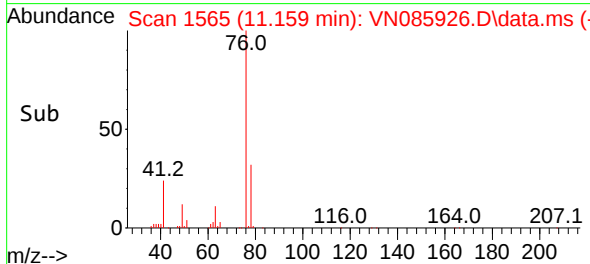
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



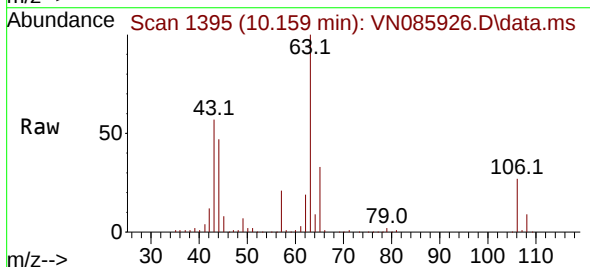
Tgt Ion: 76 Resp: 194436
Ion Ratio Lower Upper
76 100
78 32.0 25.9 38.9

Manual Integrations
APPROVED

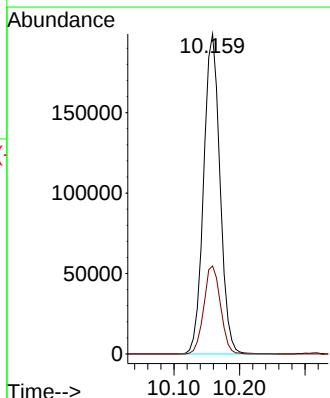
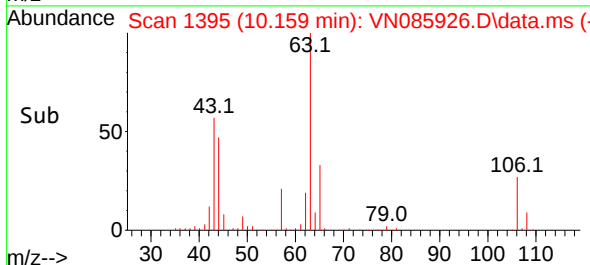
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

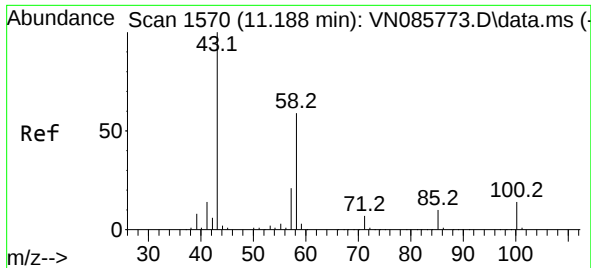


#58
2-Chloroethyl Vinyl ether
Concen: 271.063 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59



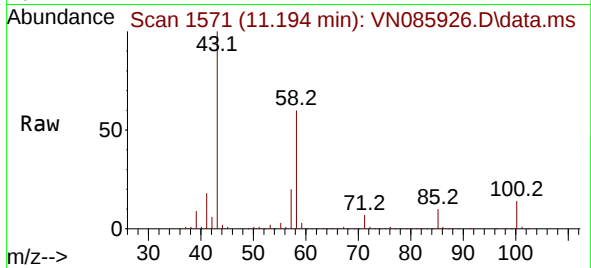
Tgt Ion: 63 Resp: 345042
Ion Ratio Lower Upper
63 100
106 28.0 22.7 34.1





#59
2-Hexanone
Concen: 292.134 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

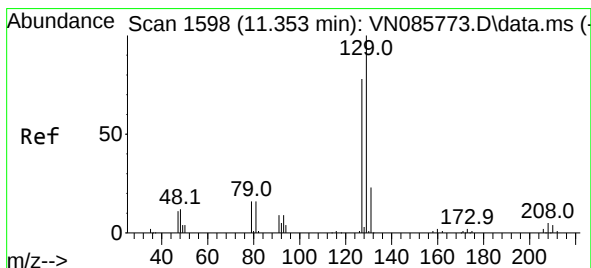
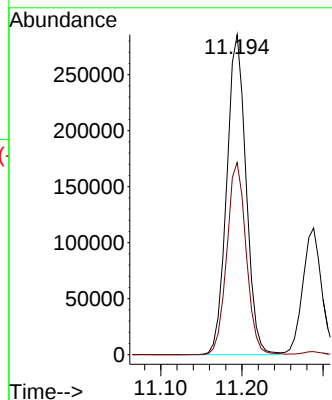
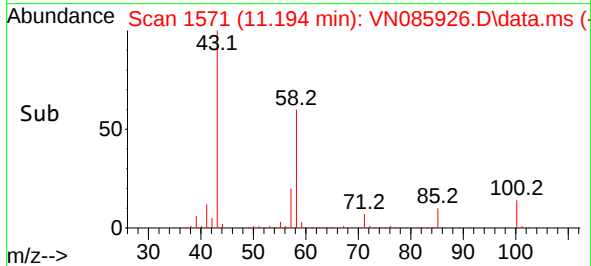
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 472004
Ion Ratio Lower Upper
43 100
58 60.1 29.8 89.5

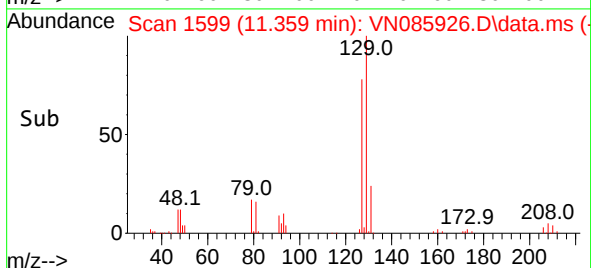
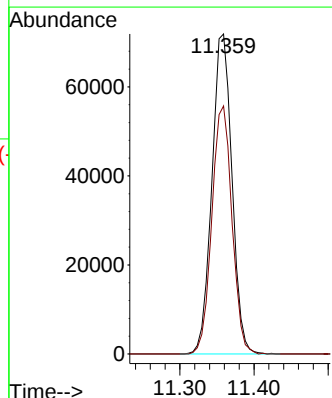
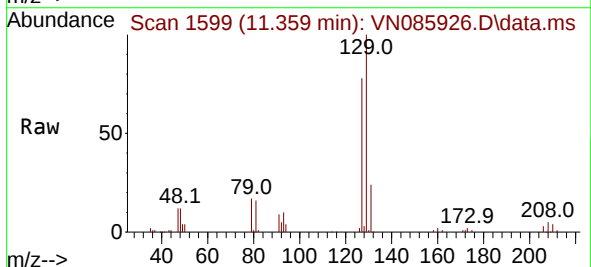
Manual Integrations
APPROVED

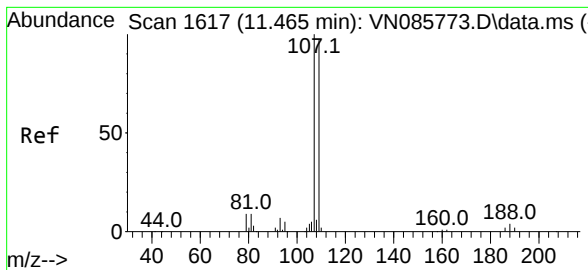
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#60
Dibromochloromethane
Concen: 52.488 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

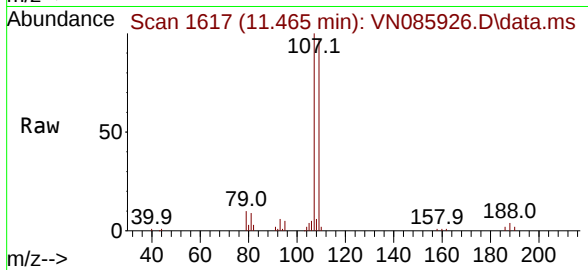
Tgt Ion:129 Resp: 135142
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.5





#61
1,2-Dibromoethane
Concen: 51.604 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

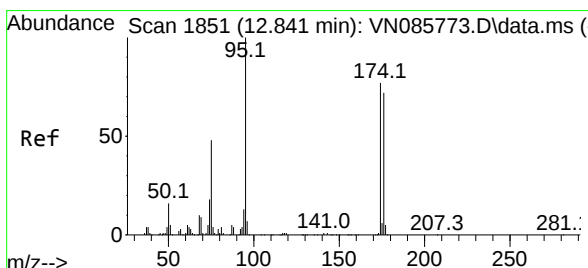
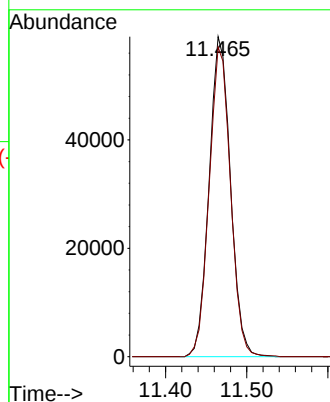
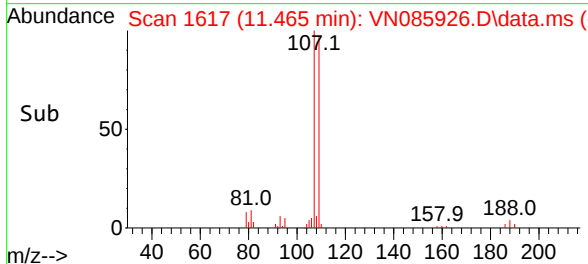
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



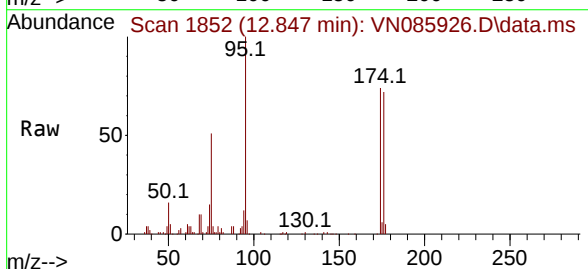
Tgt Ion:107 Resp: 107809
Ion Ratio Lower Upper
107 100
109 96.6 76.0 114.0

Manual Integrations
APPROVED

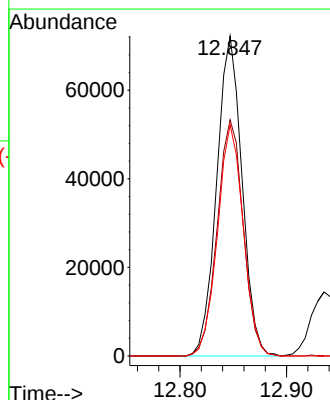
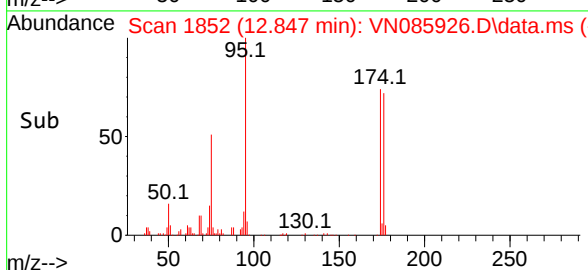
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

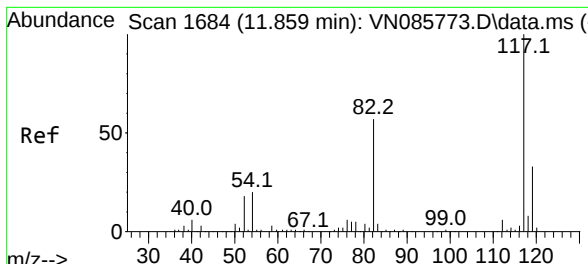


#62
4-Bromofluorobenzene
Concen: 47.520 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59



Tgt Ion: 95 Resp: 119141
Ion Ratio Lower Upper
95 100
174 75.8 0.0 152.4
176 73.4 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: VN085926.D
Acq: 10 Mar 2025 19:59

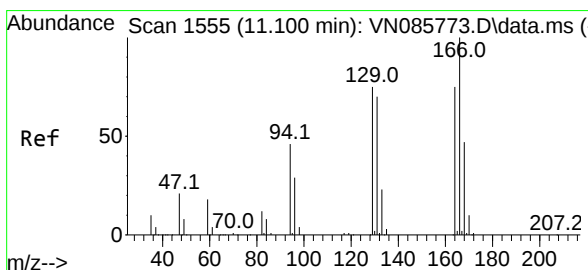
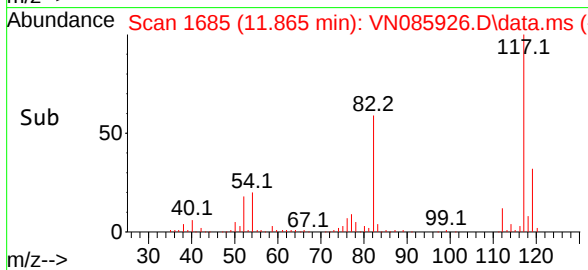
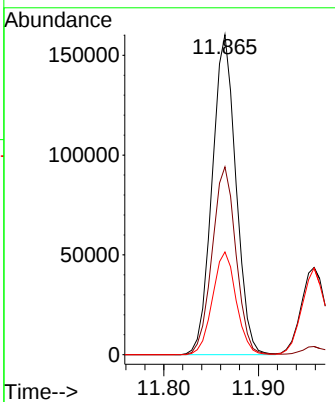
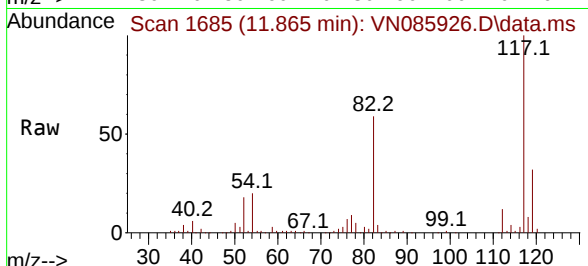
Instrument : MSVOA_N
ClientSampleId : VSTDCCC050EC

Tgt Ion:117 Resp: 27950

Ion	Ratio	Lower	Upper
117	100		
82	58.7	45.7	68.5
119	32.1	26.2	39.2

Manual Integrations
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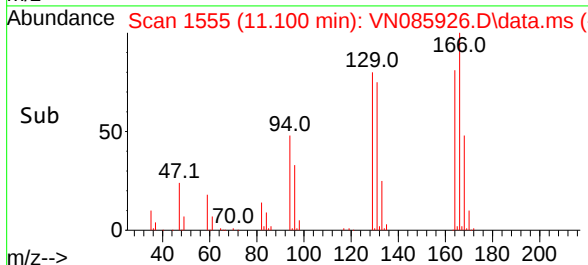
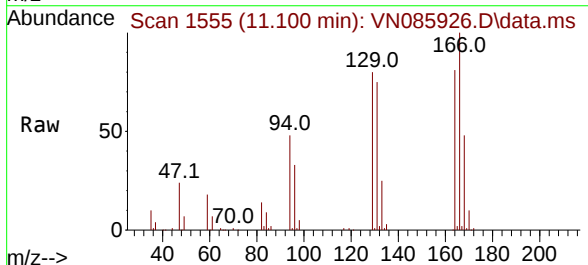
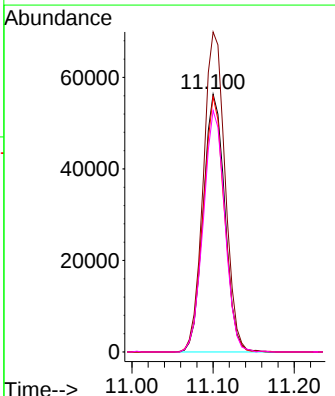
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

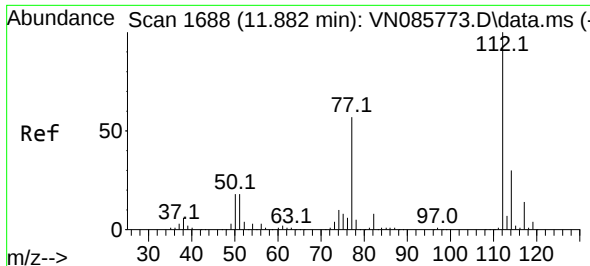


#64
Tetrachloroethene
Concen: 47.910 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

Tgt Ion:164 Resp: 103739

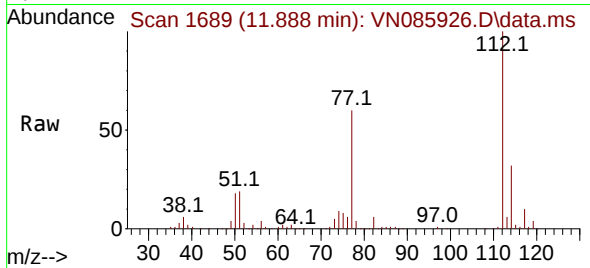
Ion	Ratio	Lower	Upper
164	100		
166	124.1	107.2	160.8
129	99.0	80.7	121.1
131	93.7	74.6	112.0





#65
Chlorobenzene
Concen: 49.841 ug/l
RT: 11.888 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

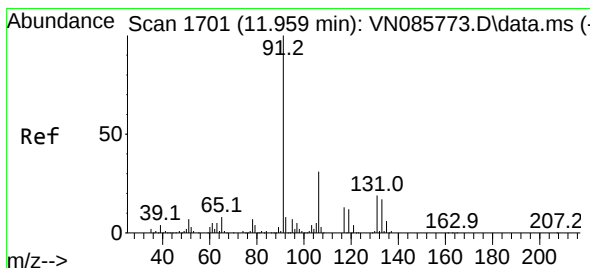
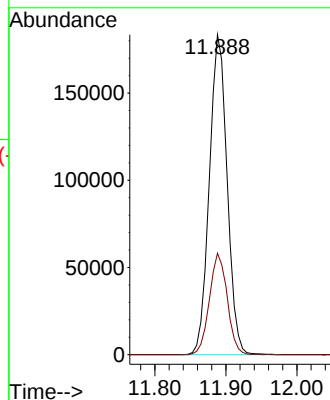
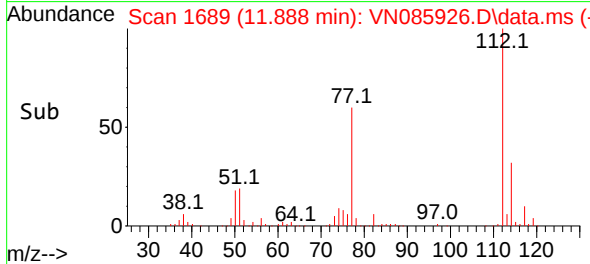
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



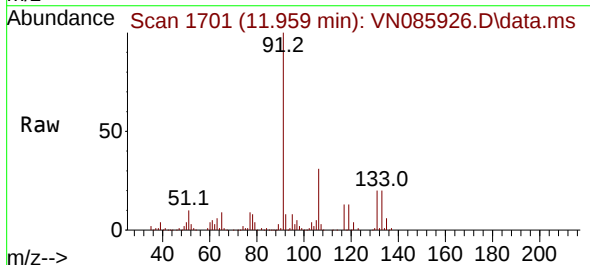
Tgt Ion:112 Resp: 319128
Ion Ratio Lower Upper
112 100
114 31.7 24.3 36.5

Manual Integrations
APPROVED

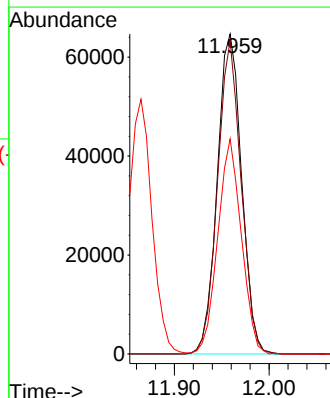
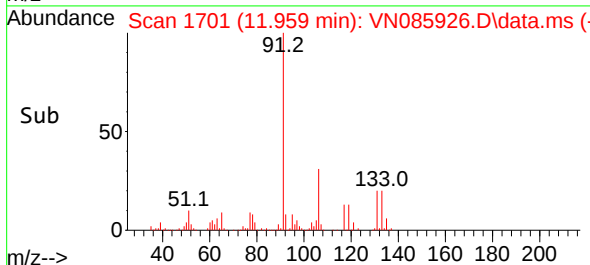
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 50.152 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59



Tgt Ion:131 Resp: 115421
Ion Ratio Lower Upper
131 100
133 95.1 47.7 143.1
119 65.2 33.3 99.8





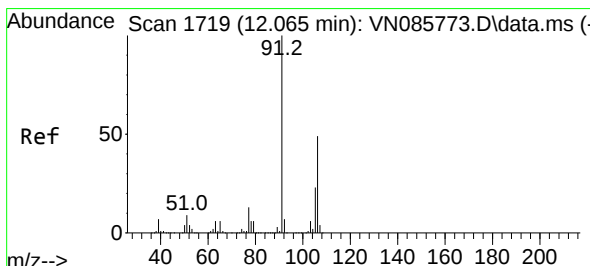
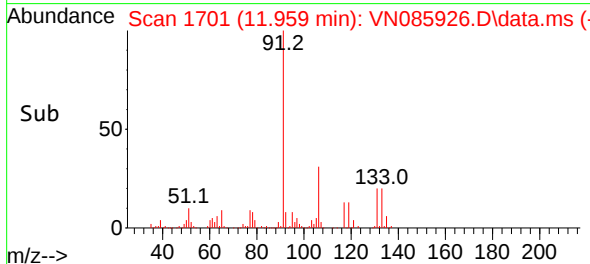
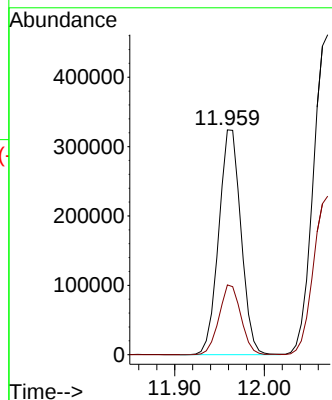
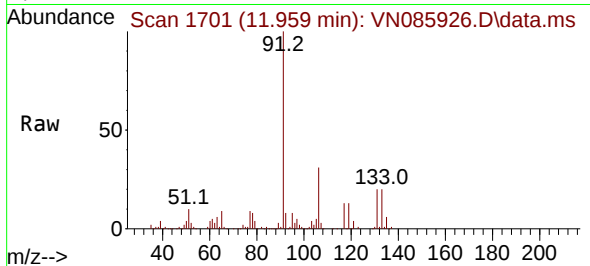
#67
Ethyl Benzene
Concen: 55.648 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 558140
Ion Ratio Lower Upper
91 100
106 31.0 24.7 37.1

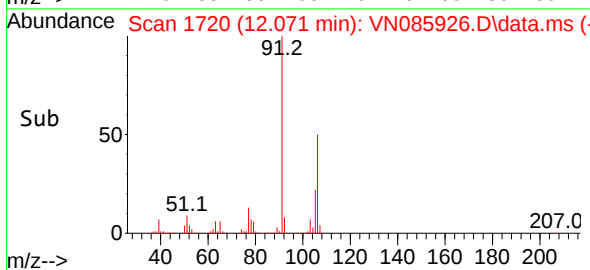
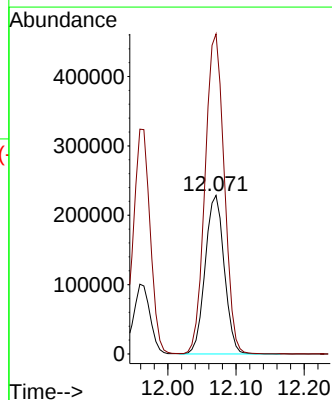
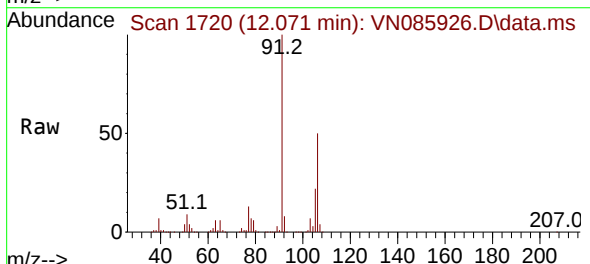
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#68
m/p-Xylenes
Concen: 116.687 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

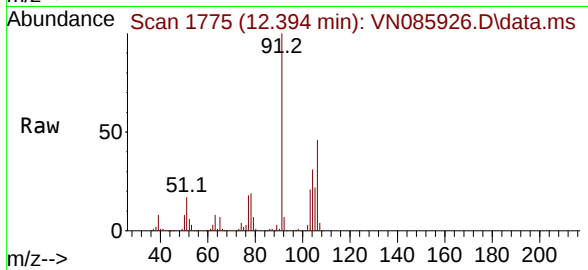
Tgt Ion:106 Resp: 444559
Ion Ratio Lower Upper
106 100
91 202.6 163.3 244.9





#69
o-Xylene
Concen: 57.141 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

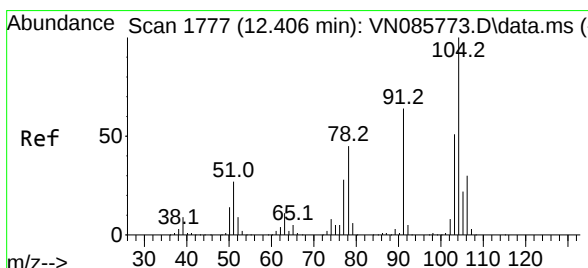
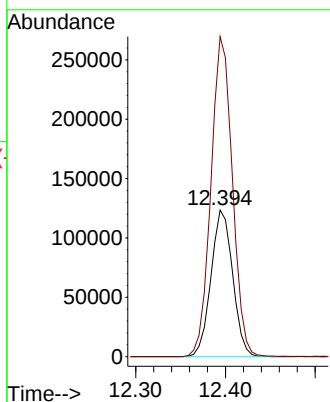
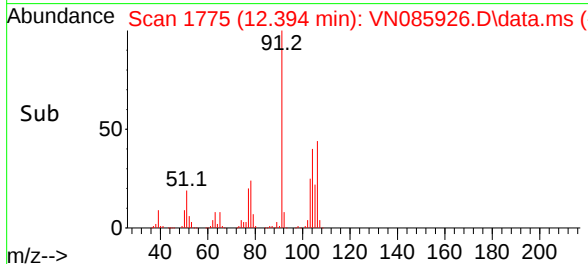
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



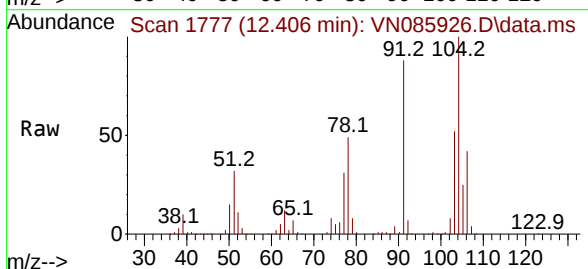
Tgt Ion:106 Resp: 206870
Ion Ratio Lower Upper
106 100
91 216.5 107.1 321.4

Manual Integrations
APPROVED

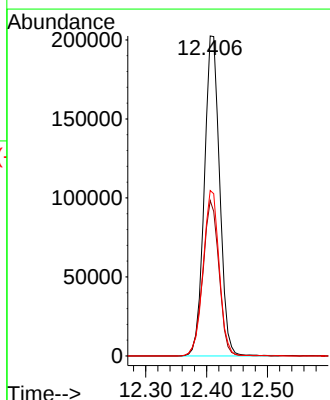
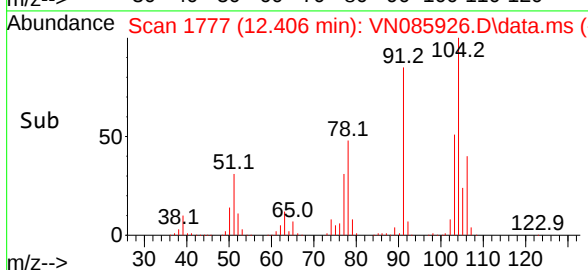
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

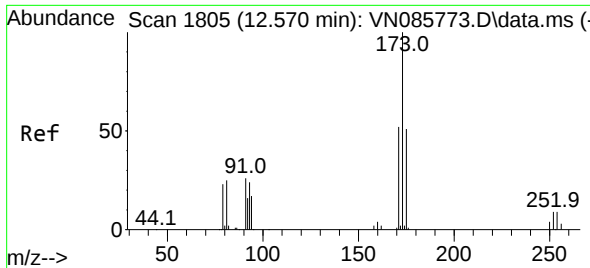


#70
Styrene
Concen: 52.401 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59



Tgt Ion:104 Resp: 354834
Ion Ratio Lower Upper
104 100
78 50.8 39.0 58.6
103 53.9 43.3 64.9





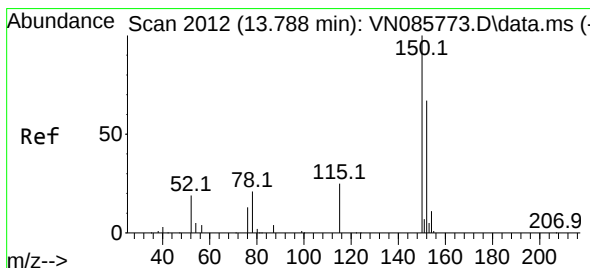
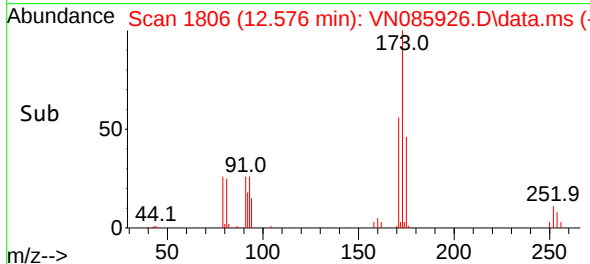
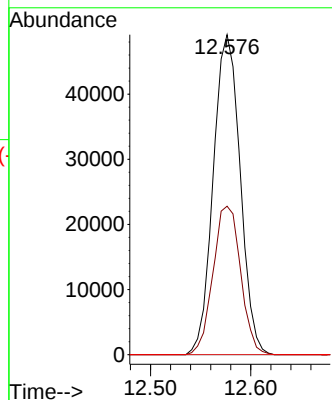
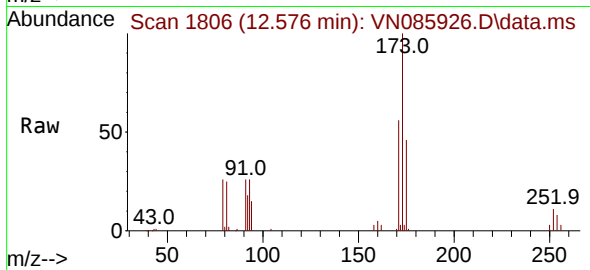
#71
Bromoform
Concen: 53.527 ug/l
RT: 12.576 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 91530
Ion Ratio Lower Upper
173 100
175 47.7 25.1 75.4
254 0.0 0.0 0.0

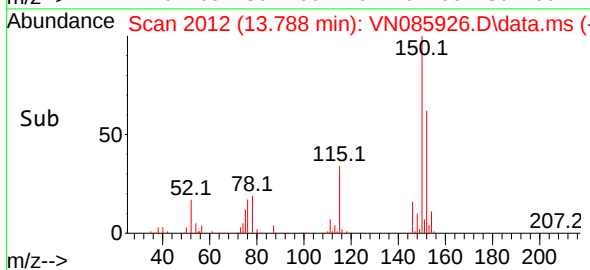
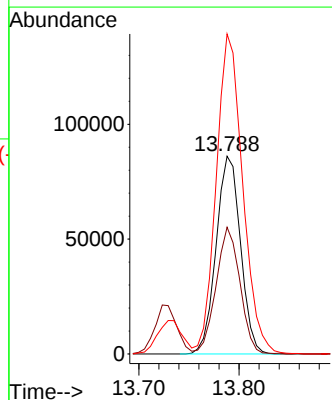
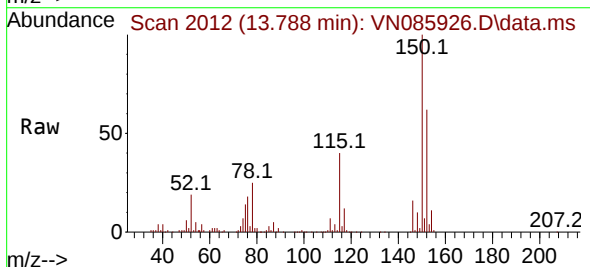
Manual Integrations
APPROVED

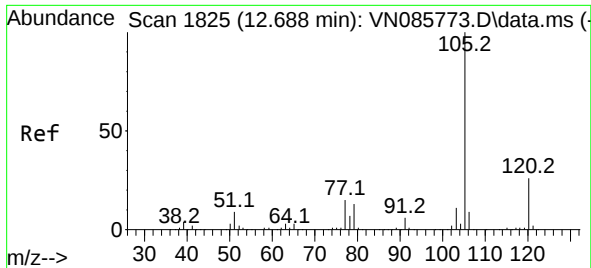
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

Tgt Ion:152 Resp: 145415
Ion Ratio Lower Upper
152 100
115 62.9 30.4 91.3
150 175.8 0.0 345.4





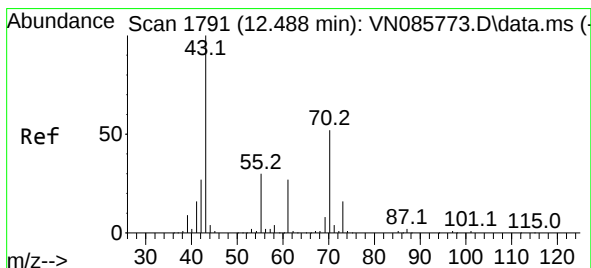
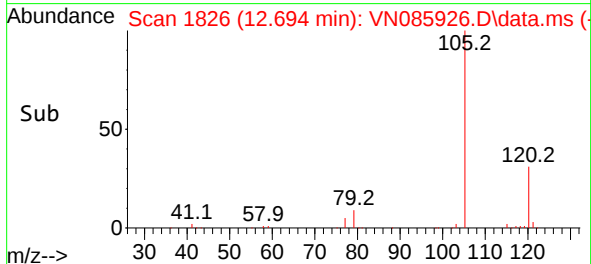
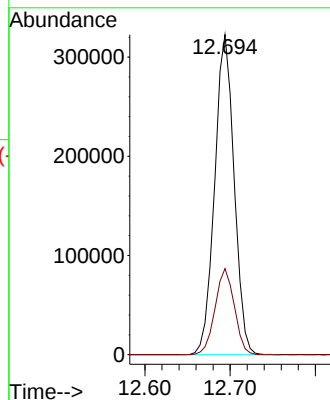
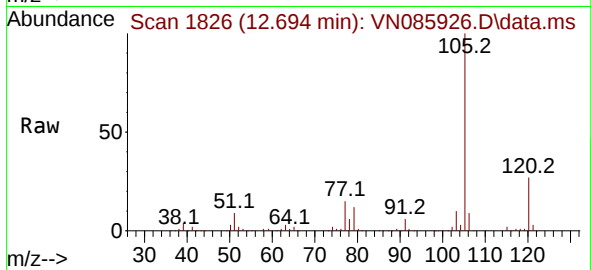
#73
Isopropylbenzene
Concen: 51.273 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 510790
Ion Ratio Lower Upper
105 100
120 26.6 13.0 39.0

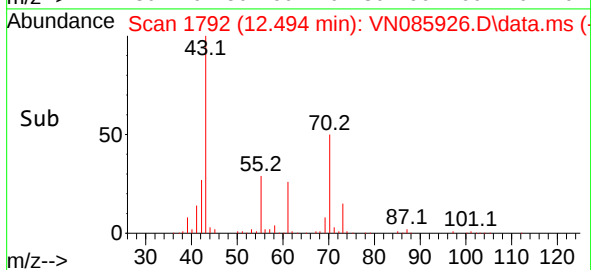
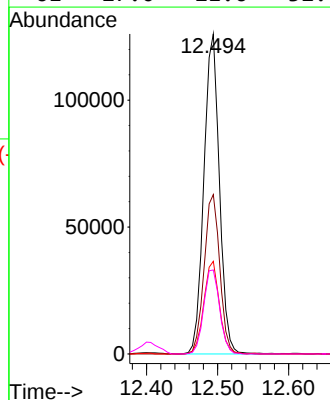
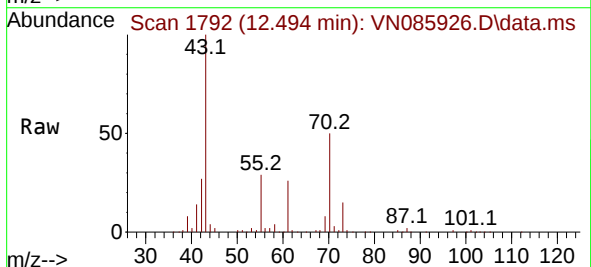
Manual Integrations
APPROVED

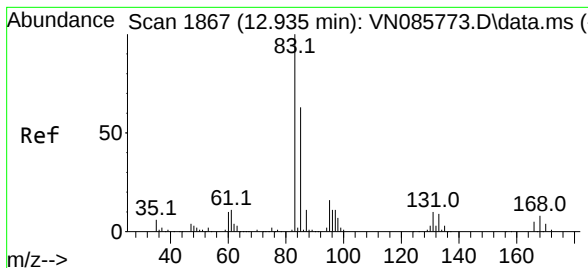
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#74
N-ethyl acetate
Concen: 54.674 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

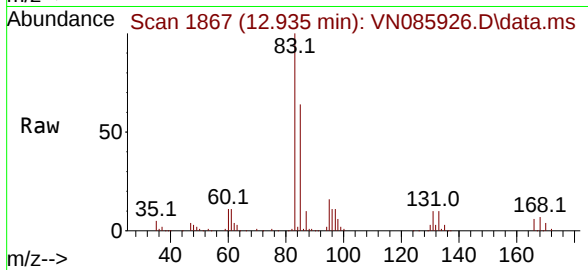
Tgt Ion: 43 Resp: 192075
Ion Ratio Lower Upper
43 100
70 50.2 41.0 61.4
55 29.2 24.6 36.8
61 27.0 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 45.655 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

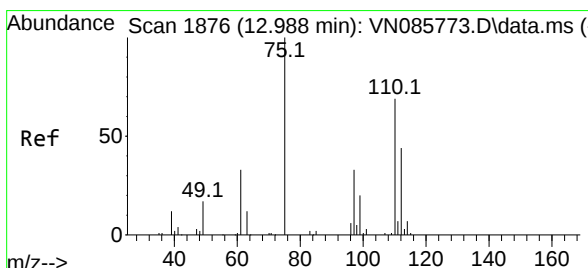
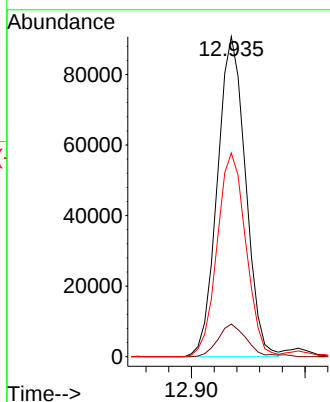
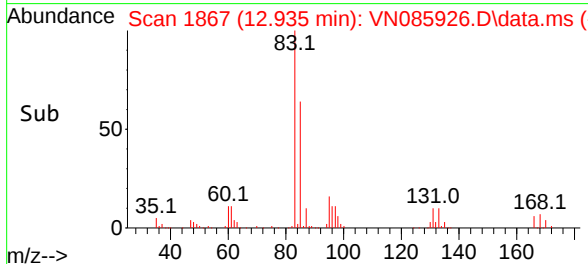
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



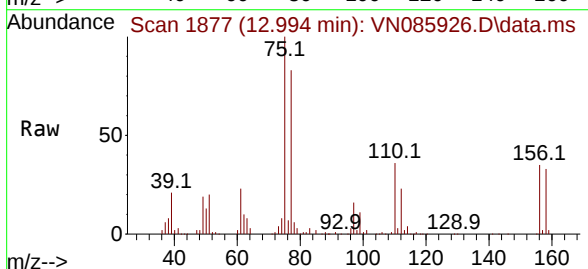
Tgt Ion: 83 Resp: 15651
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 64.8 32.2 96.6

Manual Integrations
APPROVED

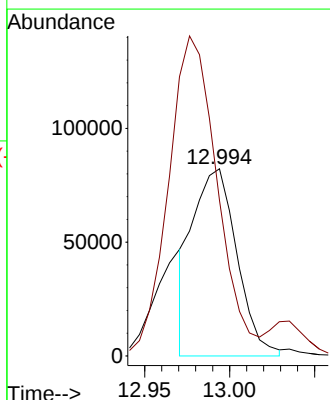
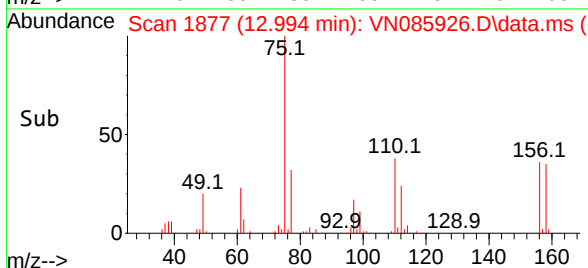
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

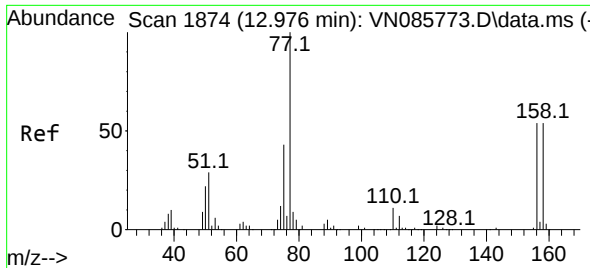


#76
1,2,3-Trichloropropane
Concen: 45.908 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59



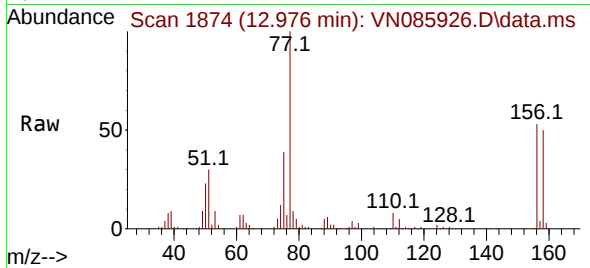
Tgt Ion: 75 Resp: 148290
Ion Ratio Lower Upper
75 100
77 189.7 100.0 300.0





#77
Bromobenzene
Concen: 47.850 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

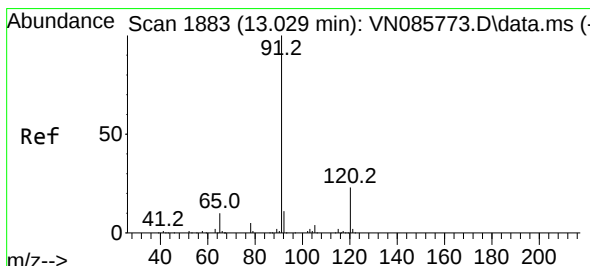
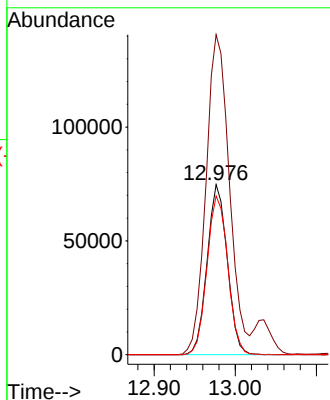
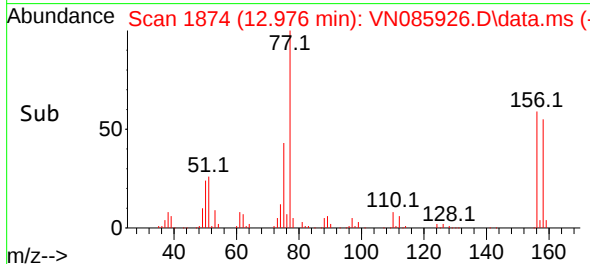
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



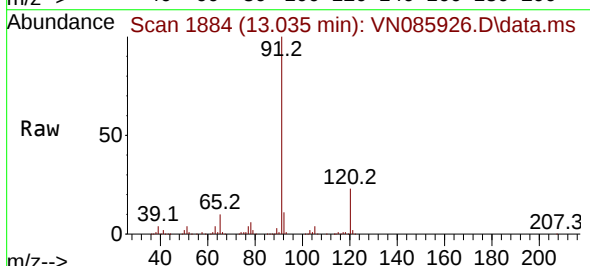
Tgt Ion:156 Resp: 128790
Ion Ratio Lower Upper
156 100
77 218.4 104.1 312.3
158 96.2 48.1 144.4

Manual Integrations
APPROVED

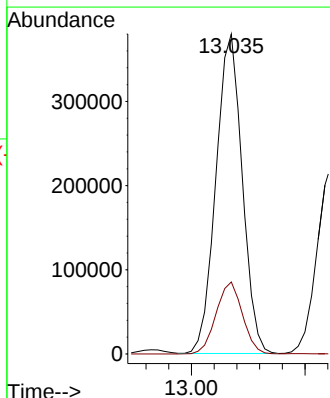
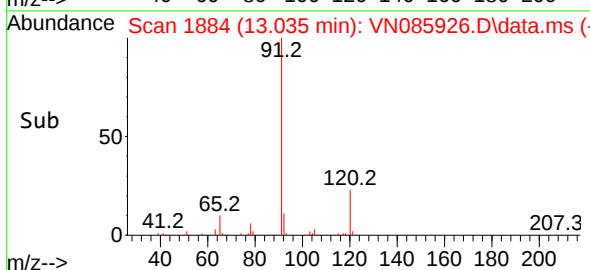
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

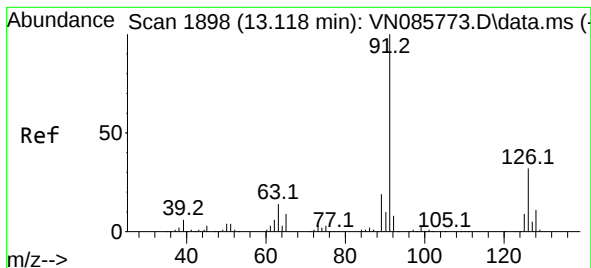


#78
n-propylbenzene
Concen: 53.522 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59



Tgt Ion: 91 Resp: 610651
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8





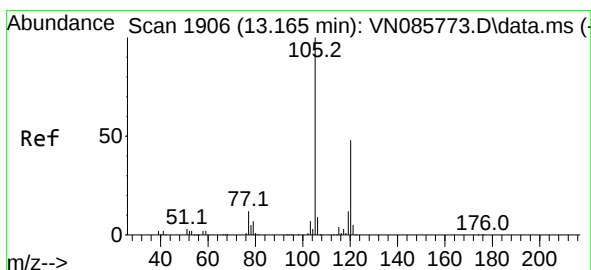
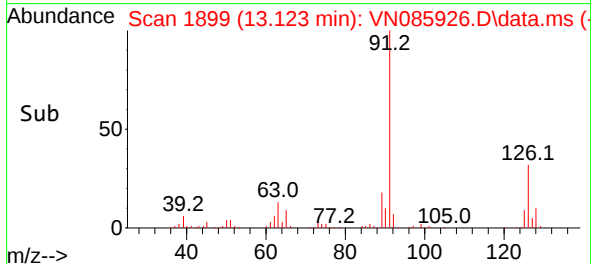
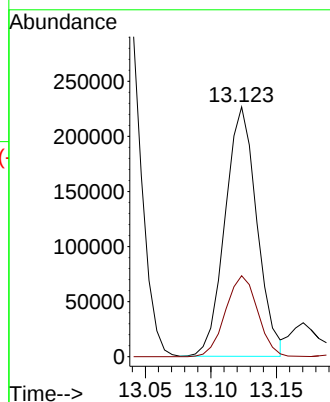
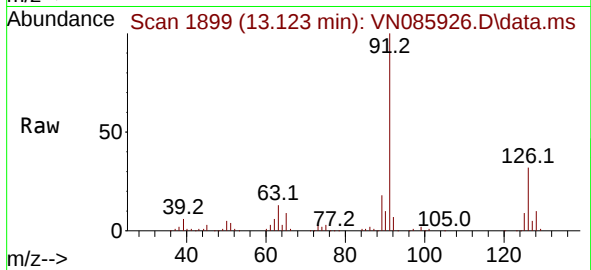
#79
2-Chlorotoluene
Concen: 50.186 ug/l
RT: 13.123 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 382570
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.1

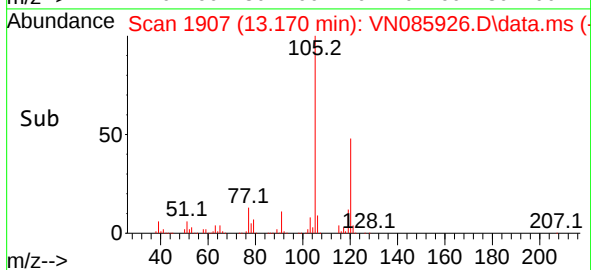
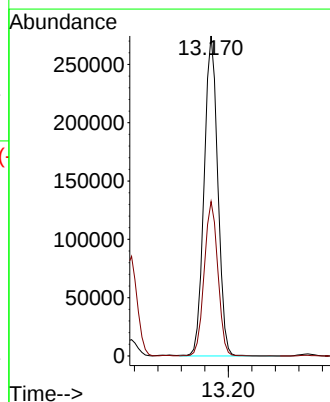
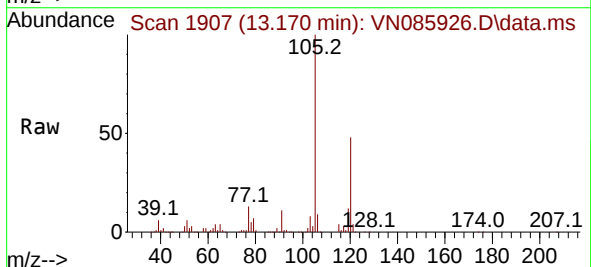
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#80
1,3,5-Trimethylbenzene
Concen: 54.442 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

Tgt Ion:105 Resp: 441815
Ion Ratio Lower Upper
105 100
120 48.1 24.3 72.9





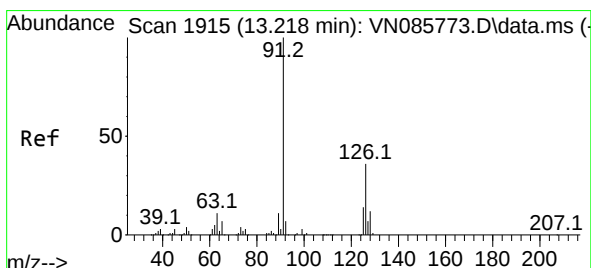
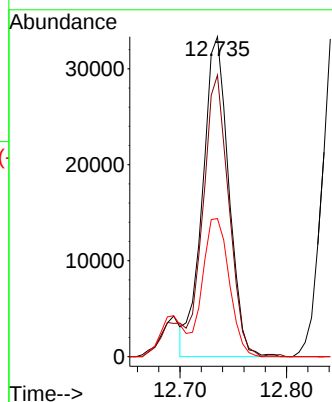
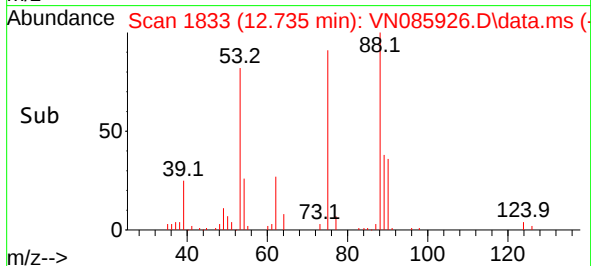
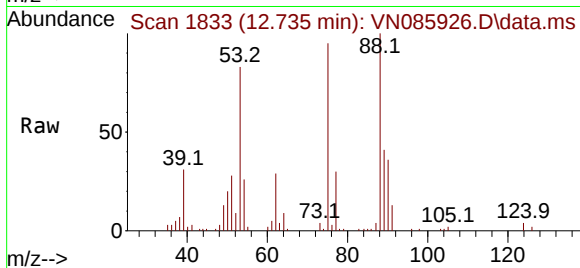
#81
trans-1,4-Dichloro-2-butene
Concen: 51.532 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 57049
Ion Ratio Lower Upper
75 100
53 95.8 74.2 111.4
89 44.2 34.9 52.3

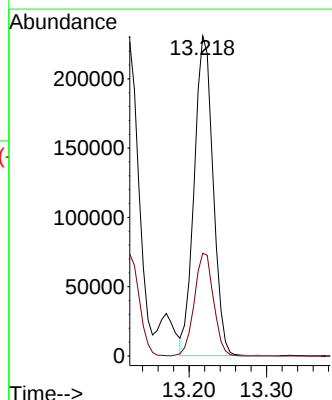
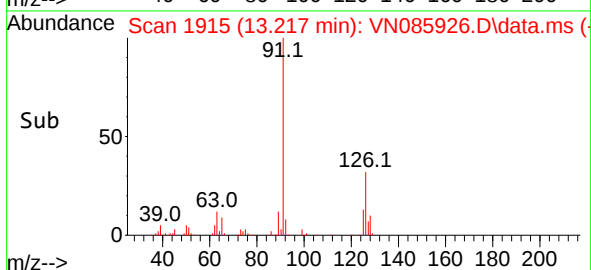
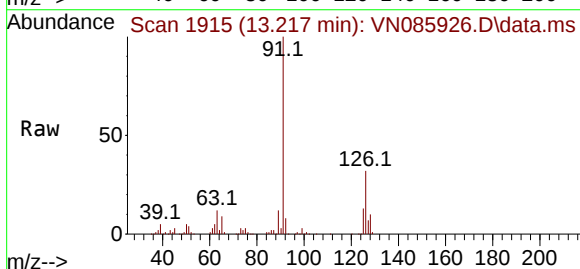
Manual Integrations
APPROVED

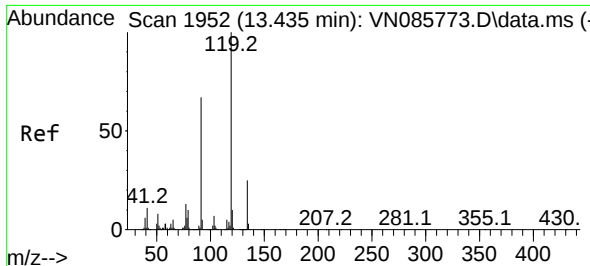
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#82
4-Chlorotoluene
Concen: 51.536 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

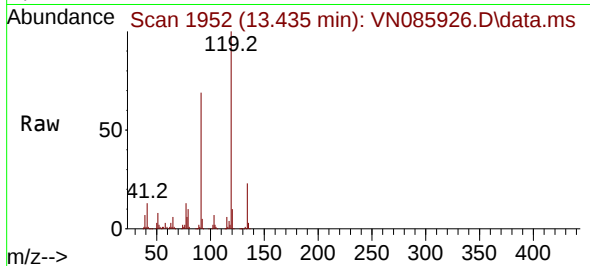
Tgt Ion: 91 Resp: 389465
Ion Ratio Lower Upper
91 100
126 32.6 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 52.299 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085926.D
 Acq: 10 Mar 2025 19:59

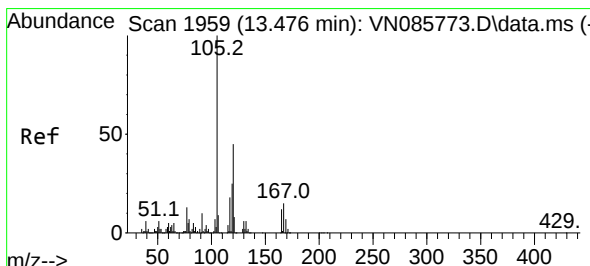
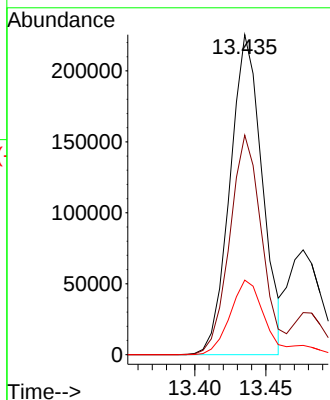
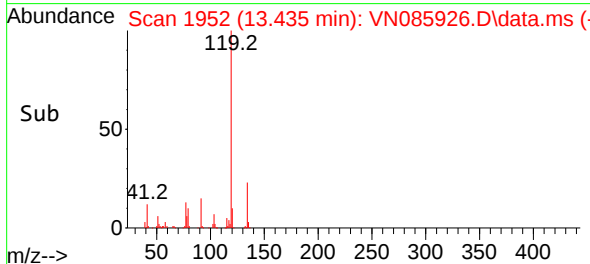
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



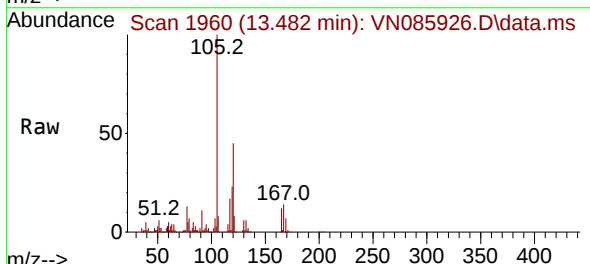
Tgt Ion:119 Resp: 356904
 Ion Ratio Lower Upper
 119 100
 91 68.7 32.5 97.5
 134 26.5 13.3 39.9

Manual Integrations
 APPROVED

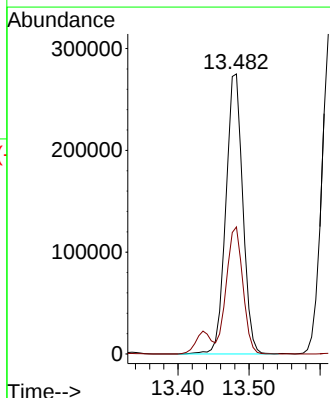
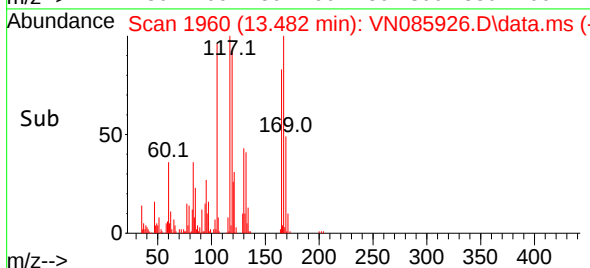
Reviewed By :John Carlone 03/11/2025
 Supervised By :Mahesh Dadoda 03/11/2025

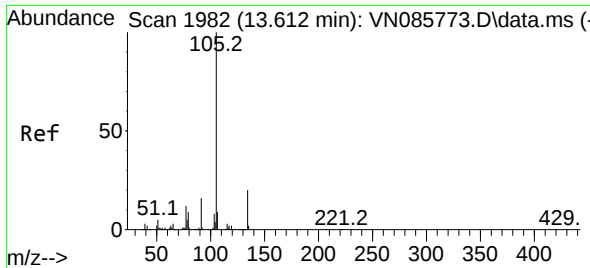


#84
 1,2,4-Trimethylbenzene
 Concen: 56.624 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN085926.D
 Acq: 10 Mar 2025 19:59



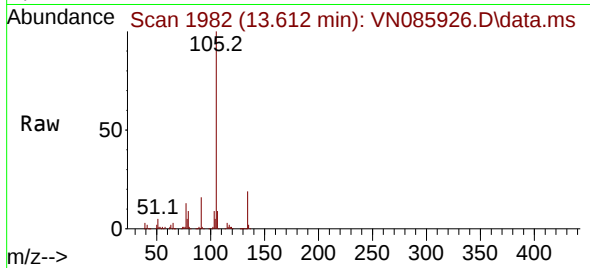
Tgt Ion:105 Resp: 454629
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 52.246 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085926.D
 Acq: 10 Mar 2025 19:59

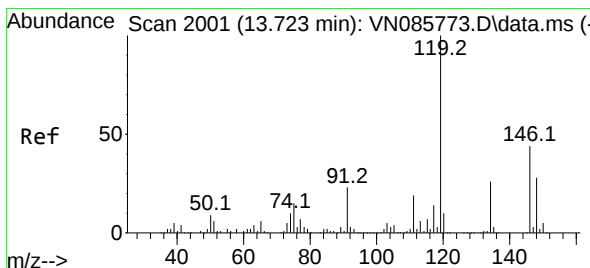
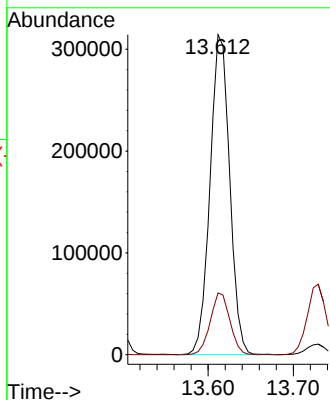
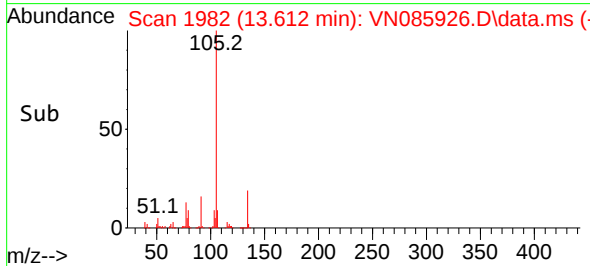
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



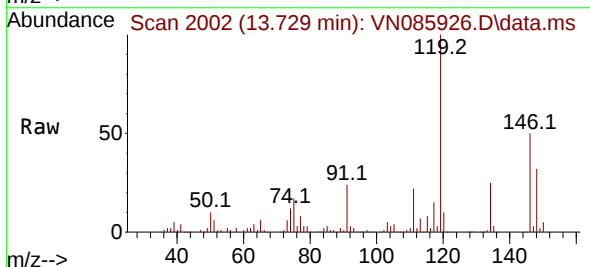
Tgt Ion:105 Resp: 503754
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4

Manual Integrations
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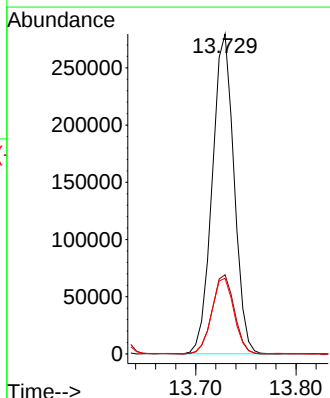
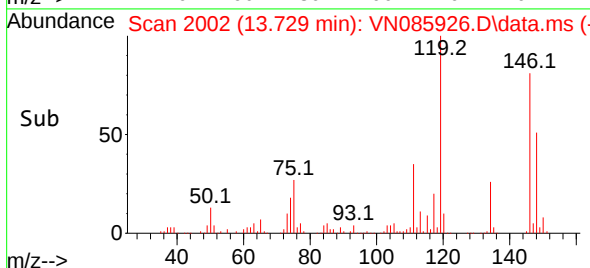
Reviewed By :John Carlone 03/11/2025
 Supervised By :Mahesh Dadoda 03/11/2025



#86
 p-Isopropyltoluene
 Concen: 47.873 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085926.D
 Acq: 10 Mar 2025 19:59



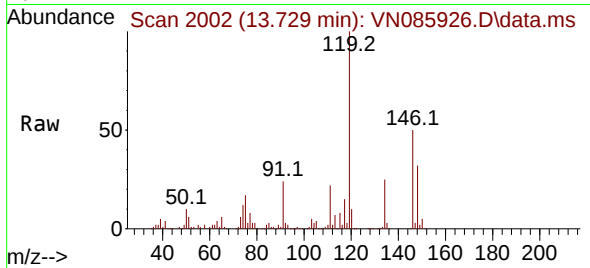
Tgt Ion:119 Resp: 421282
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.0 39.0
 91 24.3 11.7 35.1





#87
1,3-Dichlorobenzene
Concen: 47.858 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

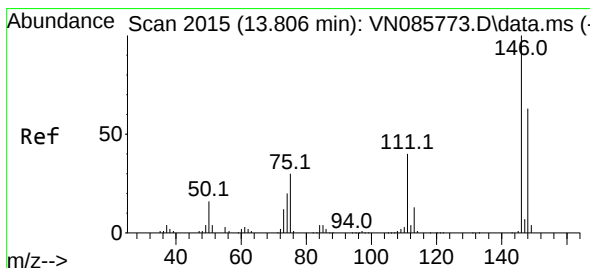
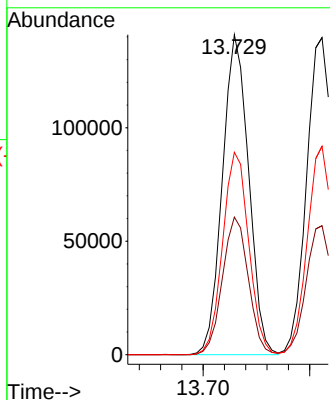
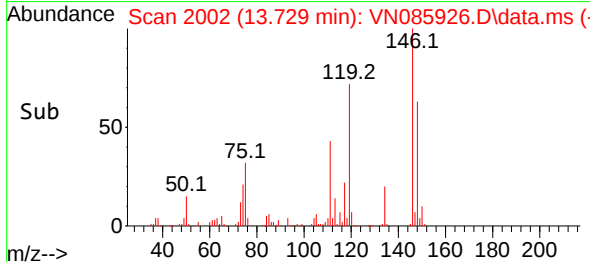
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



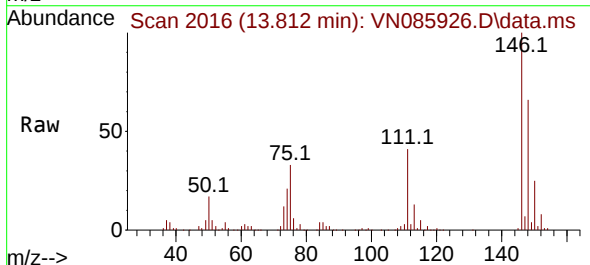
Tgt Ion:146 Resp: 241332
Ion Ratio Lower Upper
146 100
111 42.4 21.1 63.3
148 63.0 32.1 96.5

Manual Integrations
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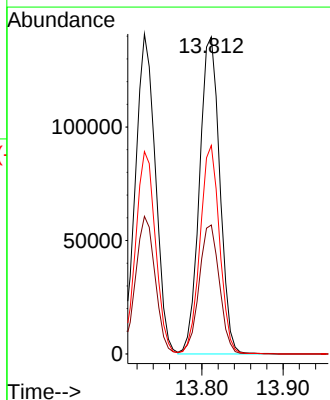
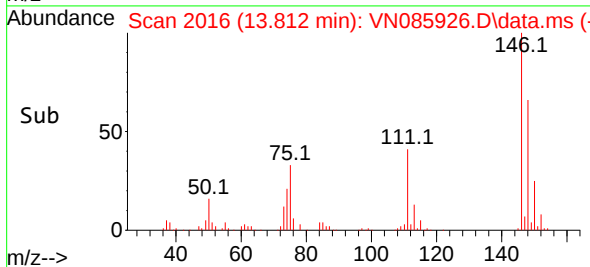
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

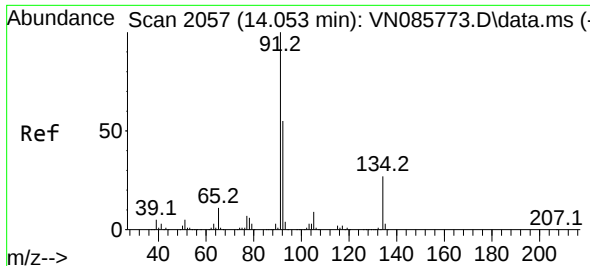


#88
1,4-Dichlorobenzene
Concen: 46.879 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59



Tgt Ion:146 Resp: 242286
Ion Ratio Lower Upper
146 100
111 40.9 20.4 61.3
148 63.3 31.8 95.4





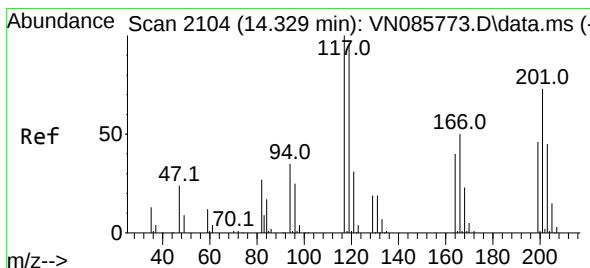
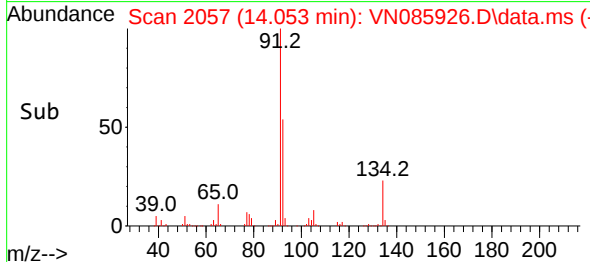
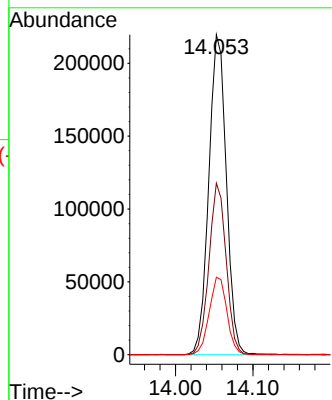
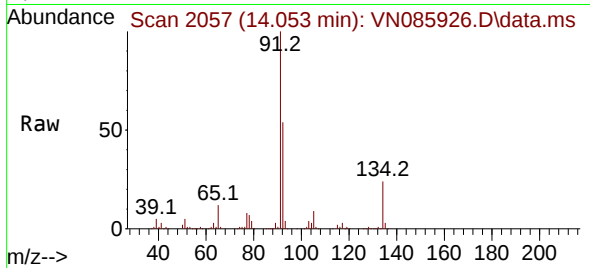
#89
n-Butylbenzene
Concen: 50.505 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 345739
Ion Ratio Lower Upper
91 100
92 52.4 27.1 81.3
134 24.3 12.7 38.1

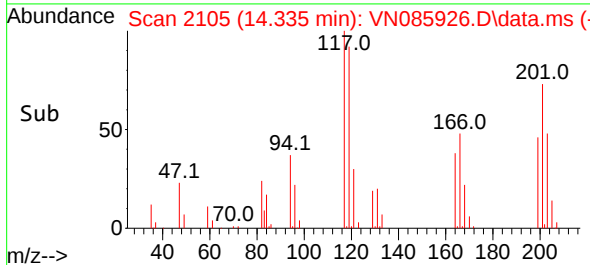
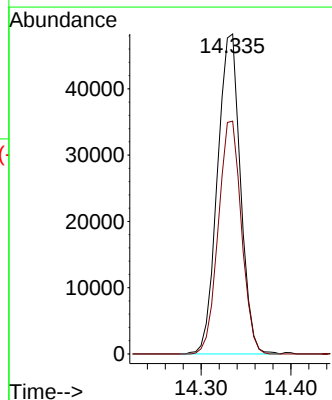
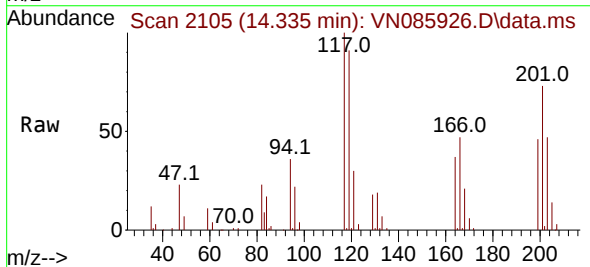
Manual Integrations
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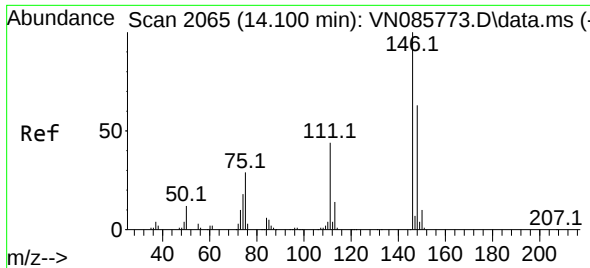
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#90
Hexachloroethane
Concen: 47.080 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

Tgt Ion:117 Resp: 85971
Ion Ratio Lower Upper
117 100
201 73.0 35.6 106.9





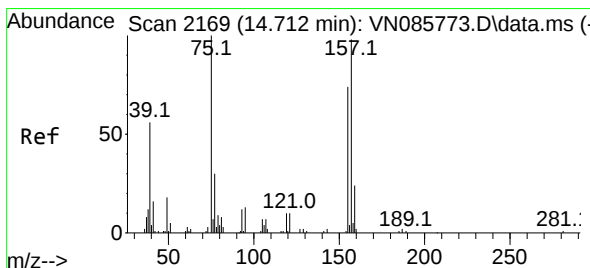
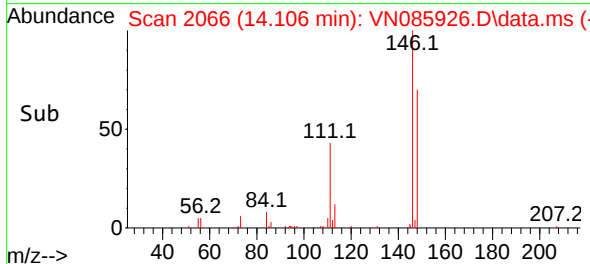
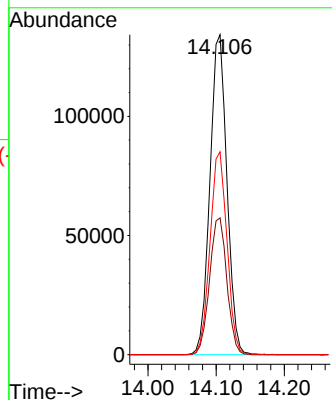
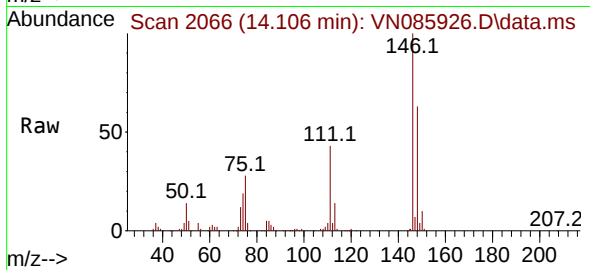
#91
1,2-Dichlorobenzene
Concen: 48.025 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 23287
Ion Ratio Lower Upper
146 100
111 43.5 21.4 64.3
148 63.4 32.0 96.2

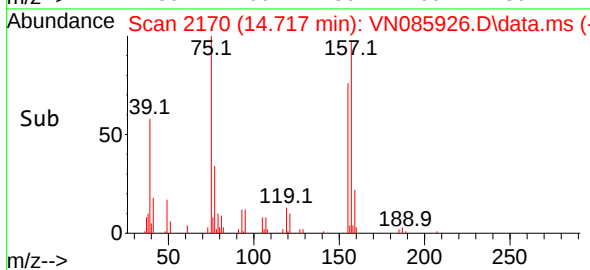
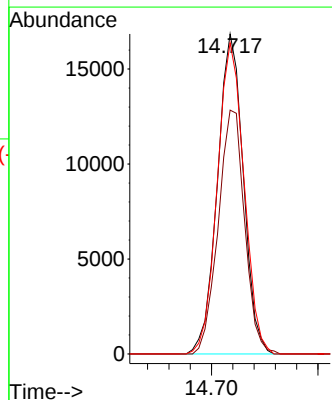
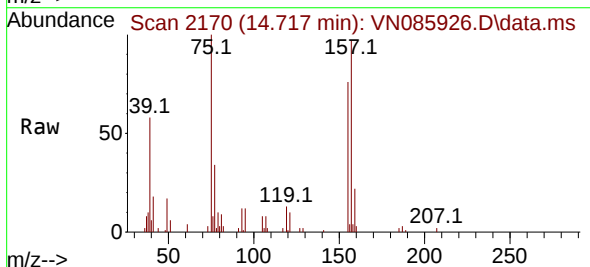
Manual Integrations
APPROVED

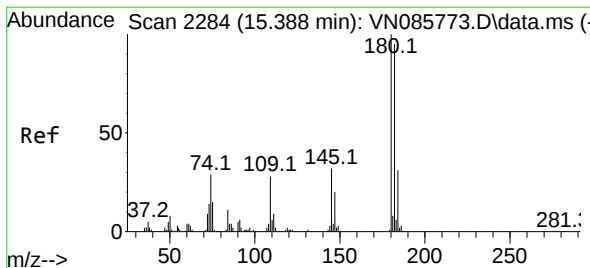
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.126 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085926.D
Acq: 10 Mar 2025 19:59

Tgt Ion: 75 Resp: 28407
Ion Ratio Lower Upper
75 100
155 77.7 39.9 119.6
157 100.0 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 47.355 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN085926.D

Acq: 10 Mar 2025 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 109419

Ion Ratio Lower Upper

180 100

182 96.5 47.3 141.9

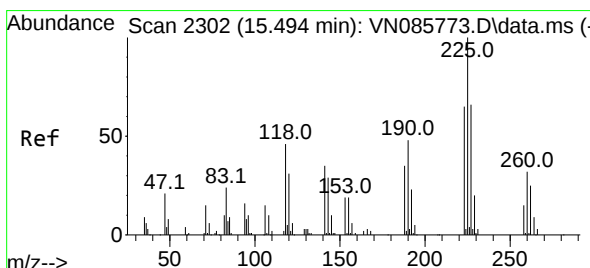
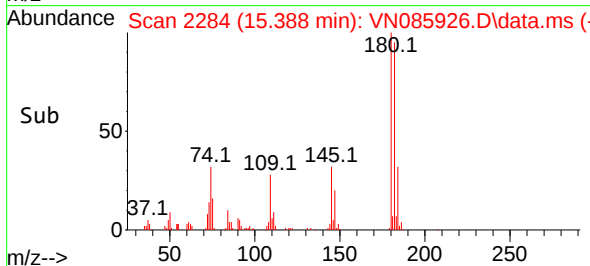
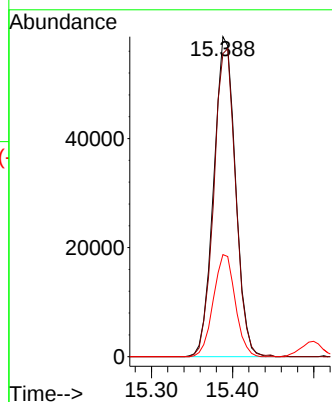
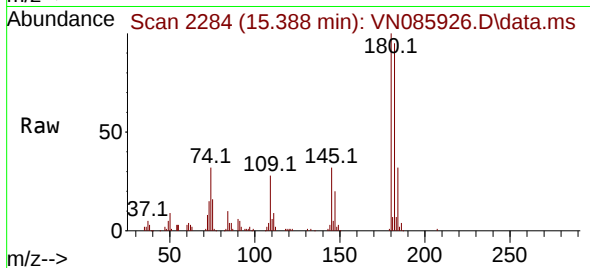
145 32.0 16.2 48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/11/2025

Supervised By :Mahesh Dadoda 03/11/2025



#94

Hexachlorobutadiene

Concen: 40.024 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN085926.D

Acq: 10 Mar 2025 19:59

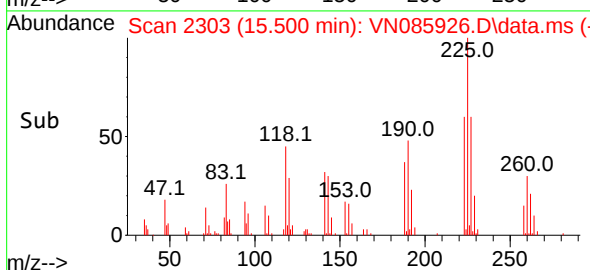
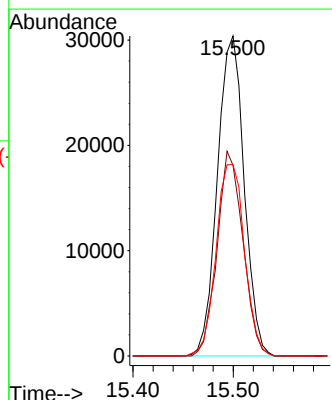
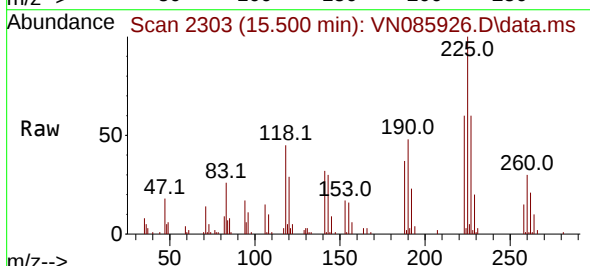
Tgt Ion:225 Resp: 56205

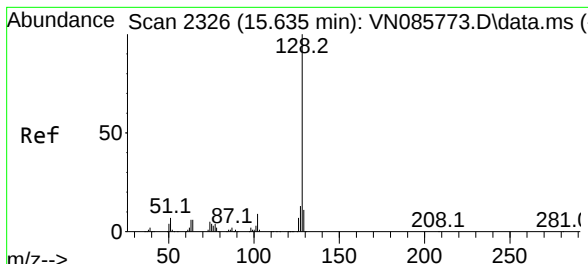
Ion Ratio Lower Upper

225 100

223 61.6 31.9 95.5

227 63.4 32.2 96.6





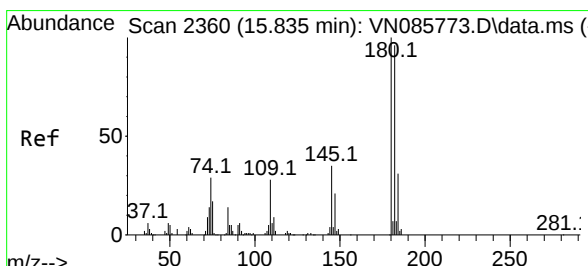
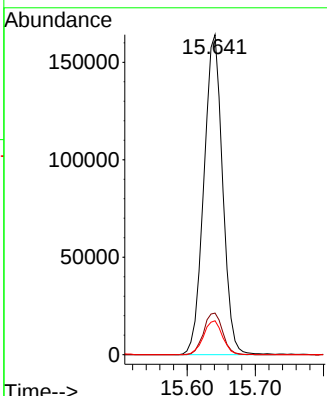
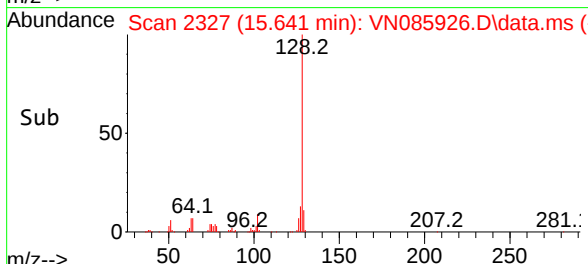
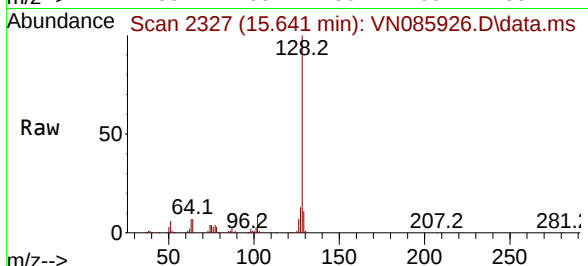
#95
 Naphthalene
 Concen: 49.457 ug/l
 RT: 15.641 min Scan# 2327
 Delta R.T. 0.006 min
 Lab File: VN085926.D
 Acq: 10 Mar 2025 19:59

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC

Tgt Ion:	128	Resp:	31373
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.2	15.2
129	10.7	8.7	13.1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/11/2025
 Supervised By :Mahesh Dadoda 03/11/2025



#96
 1,2,3-Trichlorobenzene
 Concen: 45.712 ug/l
 RT: 15.841 min Scan# 2361
 Delta R.T. 0.006 min
 Lab File: VN085926.D
 Acq: 10 Mar 2025 19:59

Tgt Ion:	180	Resp:	106038
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.3	141.8
145	33.9	16.9	50.6

