

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070725\
 Data File : VN087293.D
 Acq On : 07 Jul 2025 16:18
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/08/2025
 Supervised By : Mahesh Dadoda 07/08/2025

Quant Time: Jul 08 01:34:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:15:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	249517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	401836	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	380138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	220134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	137250	43.828	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.660%		
35) Dibromofluoromethane	8.177	113	118550	46.075	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.140%		
50) Toluene-d8	10.565	98	439174	43.790	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	87.580%		
62) 4-Bromofluorobenzene	12.847	95	159294	44.640	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	89.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.153	85	124511	51.276	ug/l	99
3) Chloromethane	2.395	50	98698	50.056	ug/l	96
4) Vinyl Chloride	2.553	62	124015	51.158	ug/l	99
5) Bromomethane	2.989	94	106614	48.196	ug/l	95
6) Chloroethane	3.147	64	99060	51.590	ug/l	97
7) Trichlorofluoromethane	3.530	101	213065	50.652	ug/l	98
8) Diethyl Ether	3.983	74	68537	51.056	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.394	101	123678	50.642	ug/l	98
10) Methyl Iodide	4.612	142	142980	59.002	ug/l	97
11) Tert butyl alcohol	5.541	59	140122	245.514	ug/l	99
12) 1,1-Dichloroethene	4.371	96	117035	50.443	ug/l	97
13) Acrolein	4.200	56	124042	313.797	ug/l	98
14) Allyl chloride	5.041	41	139192	48.952	ug/l	99
15) Acrylonitrile	5.736	53	345388	243.083	ug/l	99
16) Acetone	4.441	43	305222	254.935	ug/l	99
17) Carbon Disulfide	4.741	76	323695	46.501	ug/l	99
18) Methyl Acetate	5.041	43	141490	51.623	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	399289	49.104	ug/l	99
20) Methylene Chloride	5.288	84	130502	49.205	ug/l	97
21) trans-1,2-Dichloroethene	5.812	96	134050	47.814	ug/l	96
22) Diisopropyl ether	6.682	45	325321	47.785	ug/l	95
23) Vinyl Acetate	6.612	43	1520030	241.420	ug/l	100
24) 1,1-Dichloroethane	6.582	63	217658	48.796	ug/l	98
25) 2-Butanone	7.488	43	461605	246.714	ug/l	99
26) 2,2-Dichloropropane	7.500	77	213244	49.960	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	156672	48.390	ug/l	99
28) Bromochloromethane	7.818	49	88419	44.909	ug/l	98
29) Tetrahydrofuran	7.841	42	296472	245.898	ug/l	99
30) Chloroform	7.971	83	245684	49.693	ug/l	99
31) Cyclohexane	8.265	56	180672	42.363	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	224177	48.688	ug/l	99
36) 1,1-Dichloropropene	8.377	75	170914	48.847	ug/l	98
37) Ethyl Acetate	7.571	43	180248	47.921	ug/l	98
38) Carbon Tetrachloride	8.371	117	199140	50.228	ug/l	98
39) Methylcyclohexane	9.606	83	199619	47.906	ug/l	98
40) Benzene	8.612	78	524865	48.419	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	90118	50.109	ug/l	98
42) 1,2-Dichloroethane	8.676	62	173991	48.264	ug/l	99
43) Isopropyl Acetate	8.694	43	282888	48.497	ug/l	99
44) Trichloroethene	9.353	130	142721	49.549	ug/l	99
45) 1,2-Dichloropropane	9.623	63	119601	50.603	ug/l	94
46) Dibromomethane	9.712	93	99478	49.475	ug/l	99
47) Bromodichloromethane	9.888	83	192950	50.316	ug/l	97
48) Methyl methacrylate	9.682	41	124056	50.461	ug/l	98
49) 1,4-Dioxane	9.700	88	54727	1067.647	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	926853	259.697	ug/l	99
52) Toluene	10.629	92	355775	50.044	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	205722	50.017	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	210584	50.252	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	134018	49.903	ug/l	98
56) Ethyl methacrylate	10.876	69	190107	48.317	ug/l	99
57) 1,3-Dichloropropane	11.165	76	214909	49.031	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	508876	244.712	ug/l	99
59) 2-Hexanone	11.200	43	609706	238.495	ug/l	99
60) Dibromochloromethane	11.359	129	161740	51.090	ug/l	99
61) 1,2-Dibromoethane	11.470	107	146143	50.589	ug/l	99
64) Tetrachloroethene	11.106	164	125917	49.680	ug/l	97
65) Chlorobenzene	11.888	112	415792	48.746	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	149163	50.645	ug/l	100
67) Ethyl Benzene	11.959	91	688408	49.876	ug/l	98
68) m/p-Xylenes	12.070	106	568895	103.163	ug/l	98
69) o-Xylene	12.394	106	265270	51.424	ug/l	98
70) Styrene	12.412	104	455285	51.933	ug/l	99
71) Bromoform	12.576	173	119134	52.430	ug/l #	99
73) Isopropylbenzene	12.694	105	675924	47.654	ug/l	100
74) N-amyl acetate	12.512	43	200427m	42.969	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.935	83	209737	44.954	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	207072m	49.455	ug/l	
77) Bromobenzene	12.976	156	179191	48.396	ug/l	98
78) n-propylbenzene	13.035	91	818262	47.758	ug/l	99
79) 2-Chlorotoluene	13.123	91	475307	46.614	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	589119	49.690	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	79116	44.383	ug/l	98
82) 4-Chlorotoluene	13.217	91	499009	46.750	ug/l	100
83) tert-Butylbenzene	13.435	119	496781	47.826	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	590462	49.717	ug/l	98
85) sec-Butylbenzene	13.611	105	715215	48.576	ug/l	99
86) p-Isopropyltoluene	13.729	119	627880	49.611	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	352447	47.798	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	360182	46.782	ug/l	99
89) n-Butylbenzene	14.053	91	522959	46.932	ug/l	100
90) Hexachloroethane	14.329	117	110743	47.273	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	326423	47.334	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	49509	44.157	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	186940	45.841	ug/l	99
94) Hexachlorobutadiene	15.494	225	50512	38.993	ug/l	98
95) Naphthalene	15.635	128	649799	46.056	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	181252	45.621	ug/l	99

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

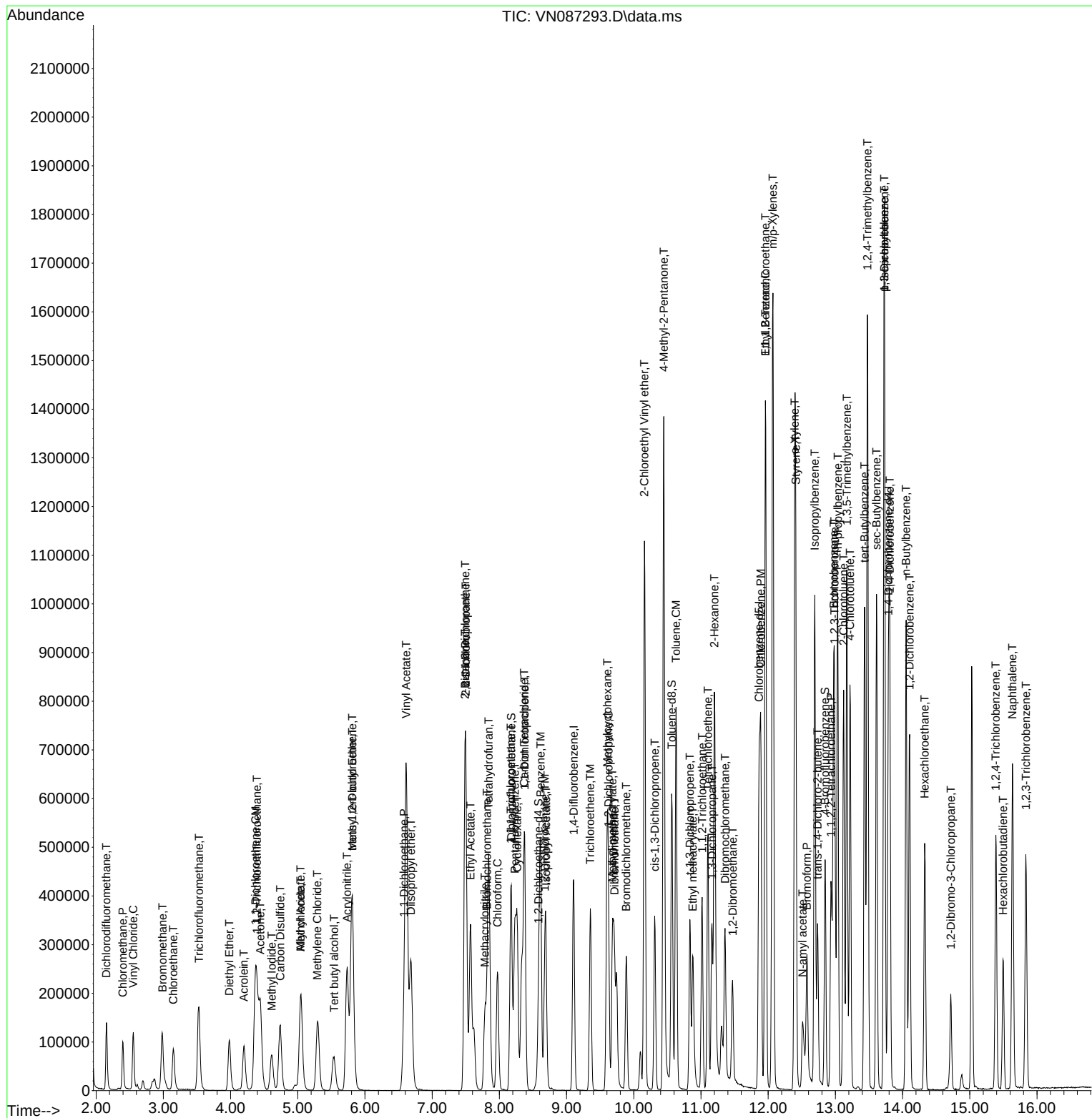
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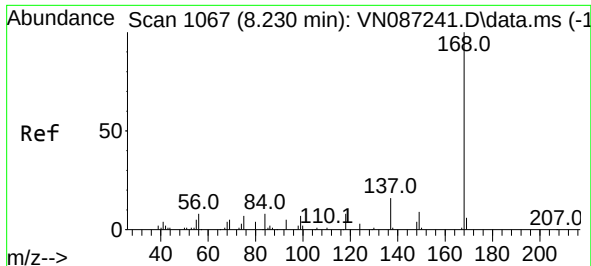
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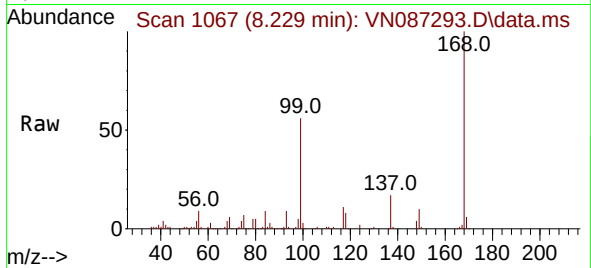
Reviewed By :John Carlone 07/08/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN087293.D
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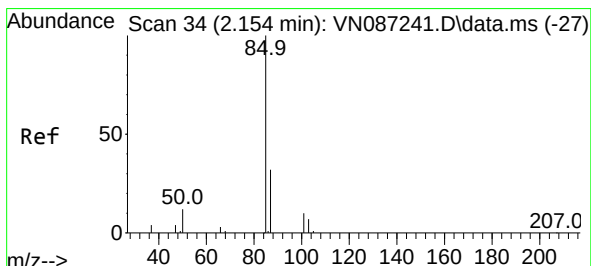
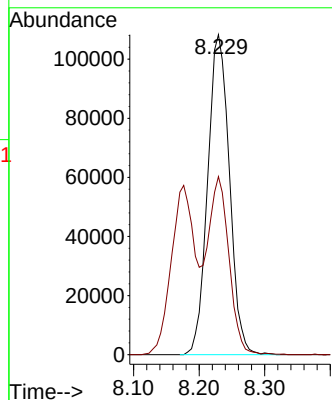
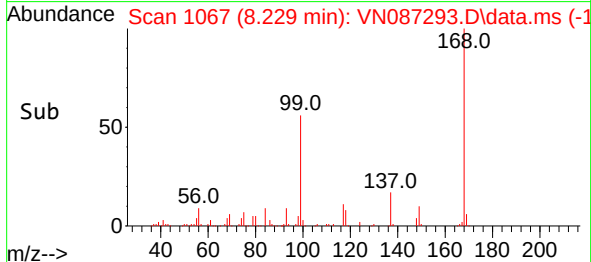
Instrument :
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VSTDCCC050EC



Tgt Ion:168 Resp: 24951
Ion Ratio Lower Upper
168 100
99 55.5 42.6 64.0

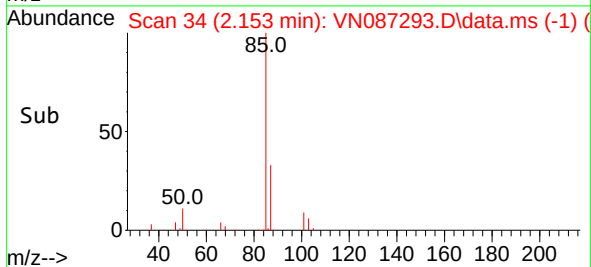
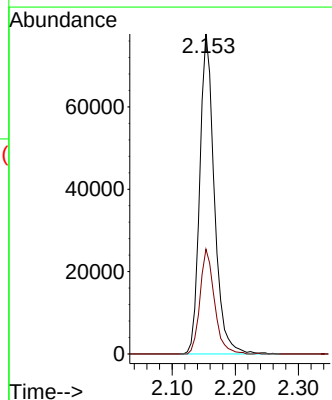
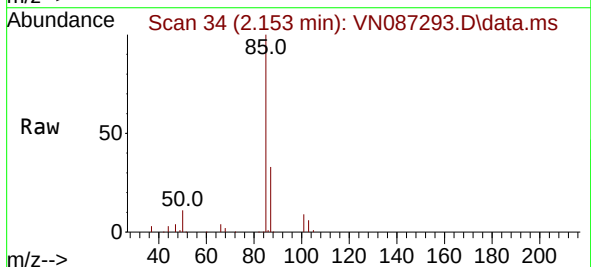
Manual Integrations
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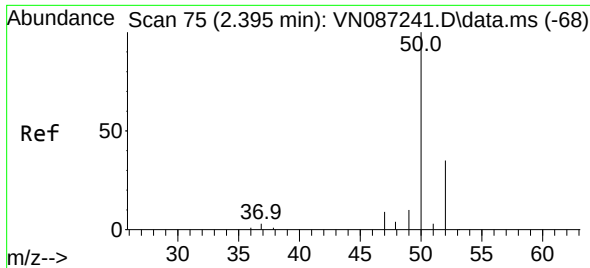
Reviewed By :John Carlone 07/08/2025
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#2
Dichlorodifluoromethane
Concen: 51.276 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

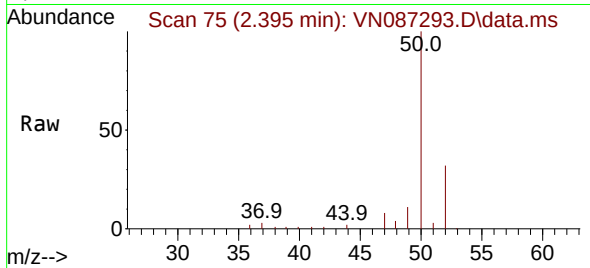
Tgt Ion: 85 Resp: 124511
Ion Ratio Lower Upper
85 100
87 32.8 16.1 48.3





#3
Chloromethane
Concen: 50.056 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

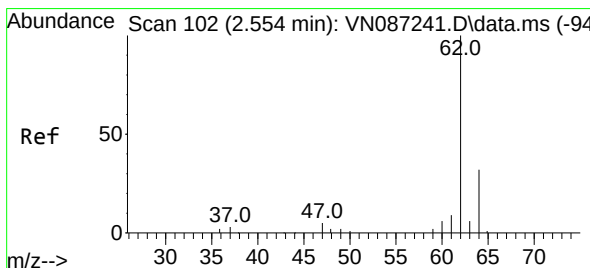
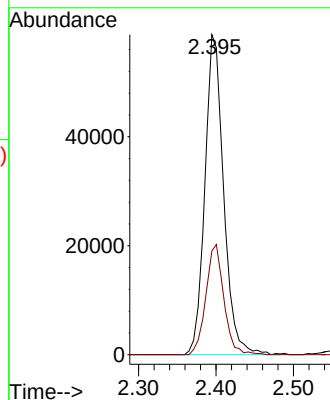
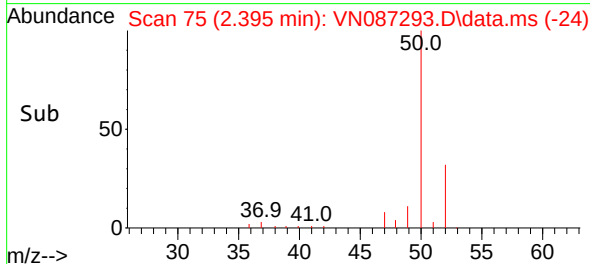
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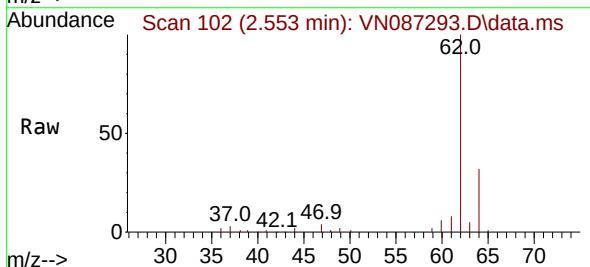
Tgt Ion: 50 Resp: 98698
Ion Ratio Lower Upper
50 100
52 32.4 27.8 41.8

Manual Integrations
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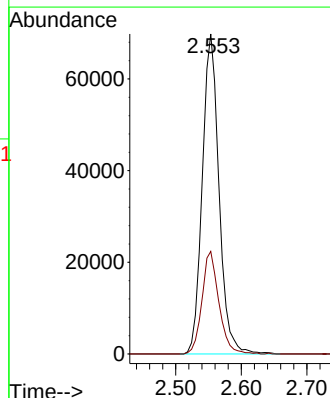
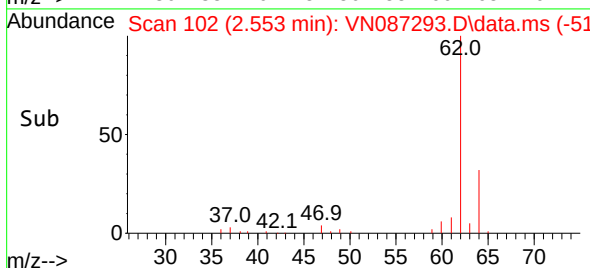
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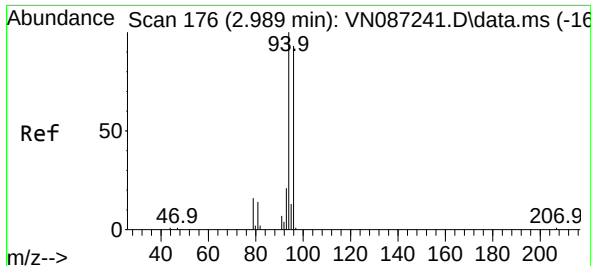


#4
Vinyl Chloride
Concen: 51.158 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18



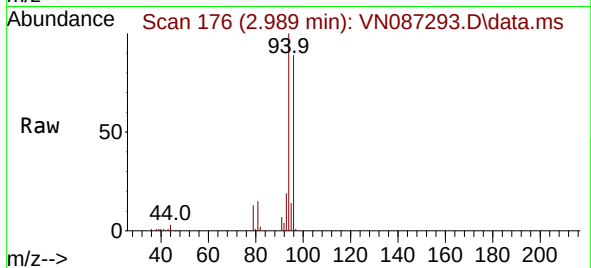
Tgt Ion: 62 Resp: 124015
Ion Ratio Lower Upper
62 100
64 32.1 26.0 39.0





#5
Bromomethane
Concen: 48.196 ug/l
RT: 2.989 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087293.D
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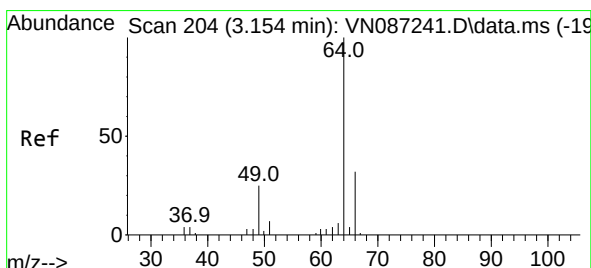
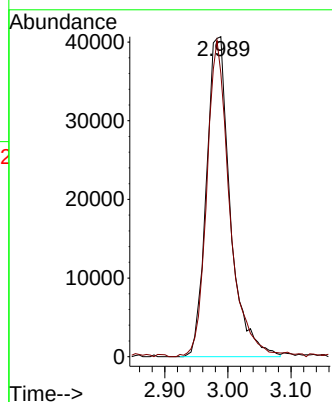
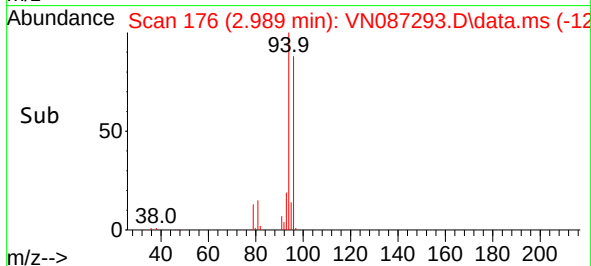
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Tgt Ion: 94 Resp: 106614
Ion Ratio Lower Upper
94 100
96 87.8 74.3 111.5

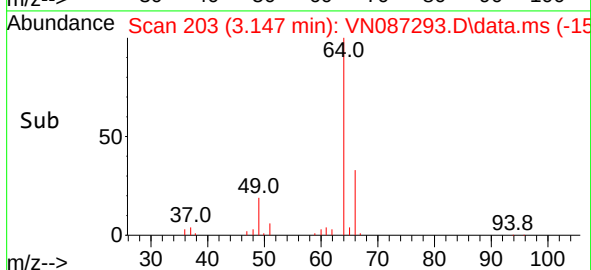
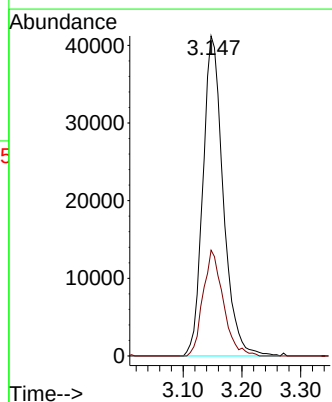
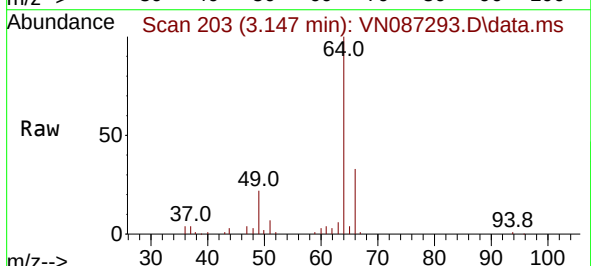
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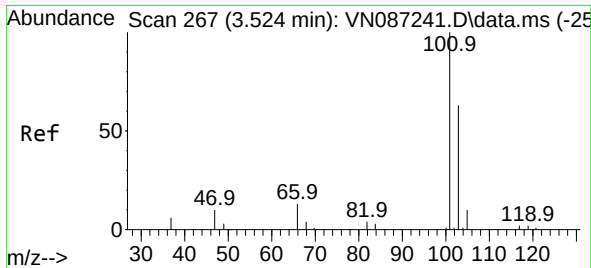
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#6
Chloroethane
Concen: 51.590 ug/l
RT: 3.147 min Scan# 203
Delta R.T. -0.006 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

Tgt Ion: 64 Resp: 99060
Ion Ratio Lower Upper
64 100
66 33.1 25.3 37.9





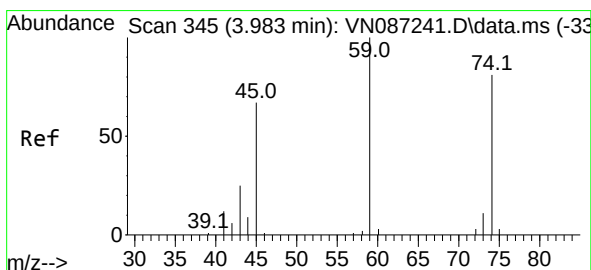
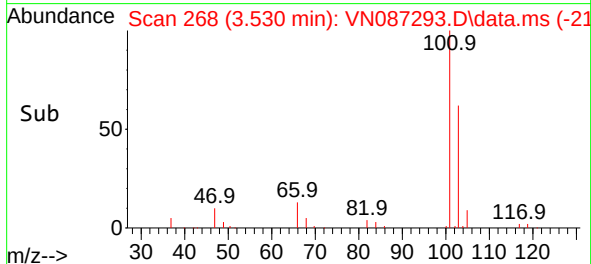
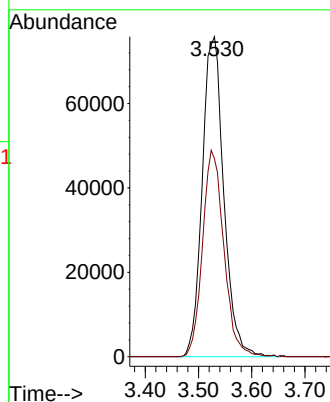
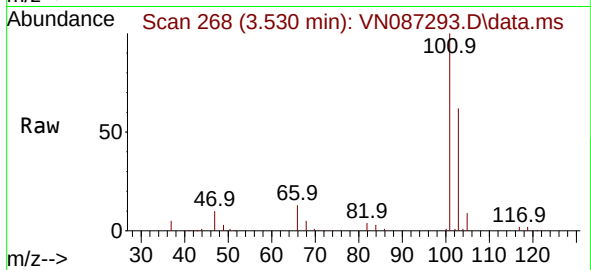
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Trichlorofluoromethane
Concen: 50.652 ug/l
RT: 3.530 min Scan# 21306
Delta R.T. 0.006 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 21306
Ion Ratio Lower Upper
101 100
103 61.9 50.5 75.7

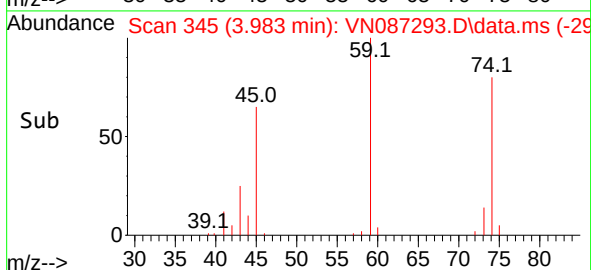
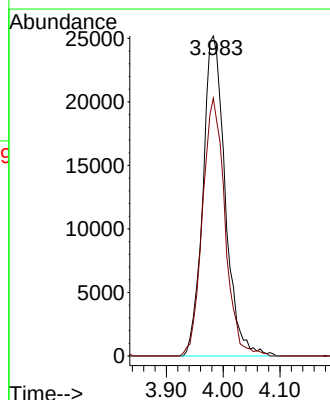
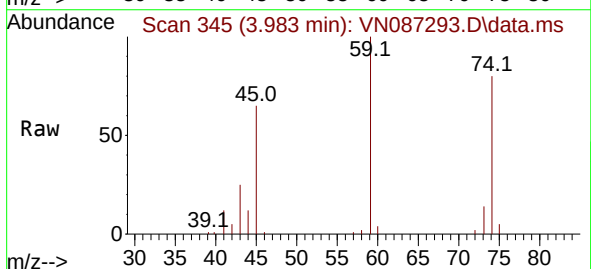
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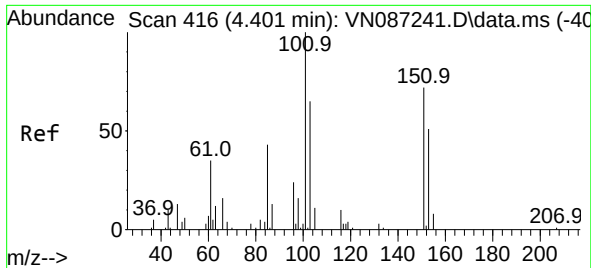
Reviewed By :John Carlone 07/08/2025
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#8
Diethyl Ether
Concen: 51.056 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

Tgt Ion: 74 Resp: 68537
Ion Ratio Lower Upper
74 100
45 81.3 39.4 118.1





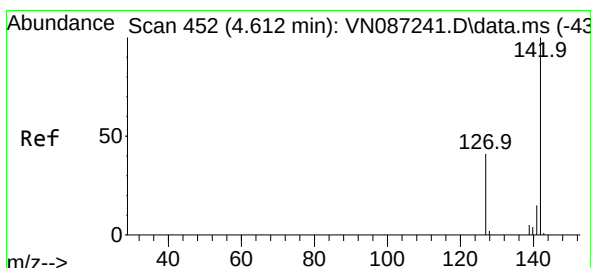
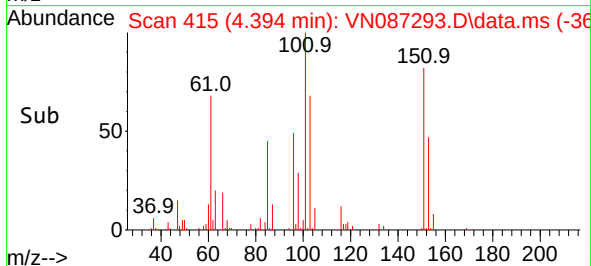
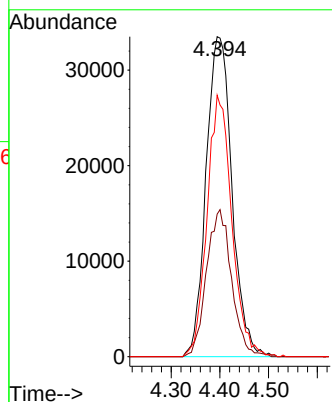
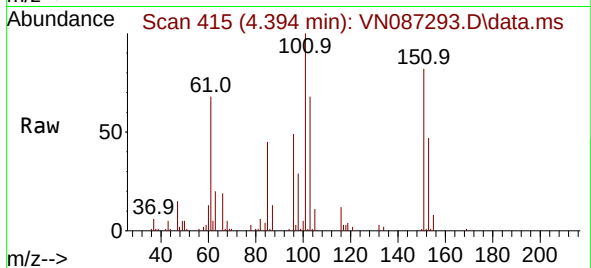
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.642 ug/l
RT: 4.394 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 123678
Ion Ratio Lower Upper
101 100
85 44.5 34.4 51.6
151 78.2 63.8 95.8

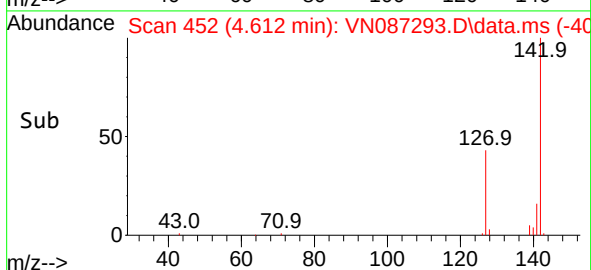
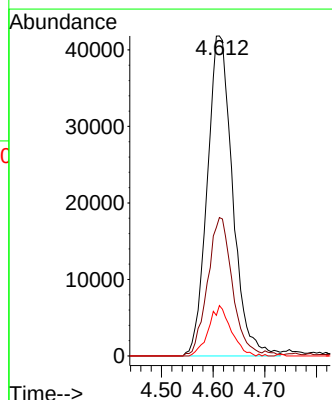
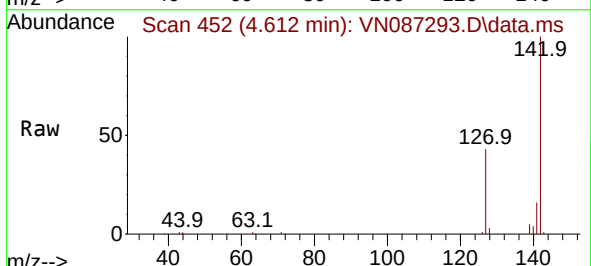
Manual Integrations
APPROVED

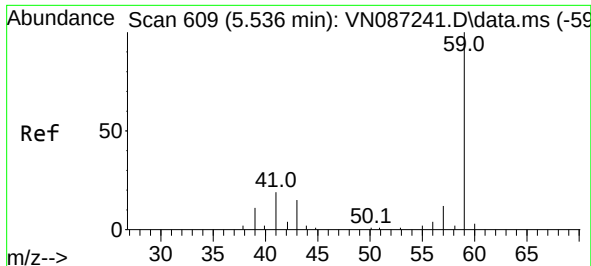
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#10
Methyl Iodide
Concen: 59.002 ug/l
RT: 4.612 min Scan# 452
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

Tgt Ion:142 Resp: 142980
Ion Ratio Lower Upper
142 100
127 43.3 32.8 49.2
141 15.7 11.6 17.4





#11
Tert butyl alcohol
Concen: 245.514 ug/l
RT: 5.541 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

Instrument :

MSVOA_N

ClientSampleId :

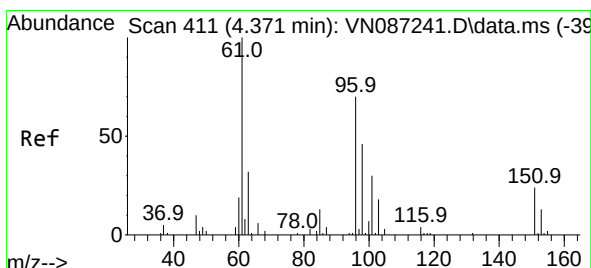
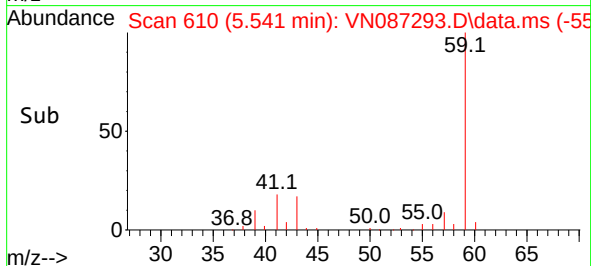
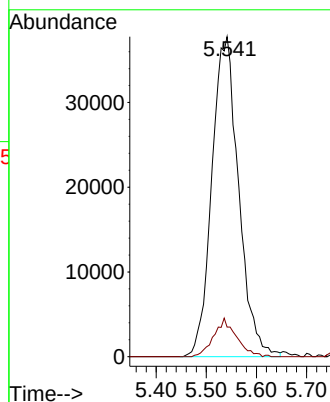
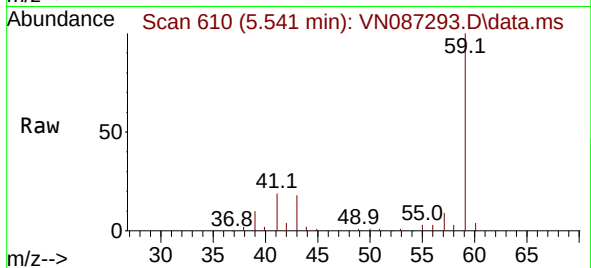
VSTDCCC050EC

Tgt Ion: 59 Resp: 14012
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8

Manual Integrations

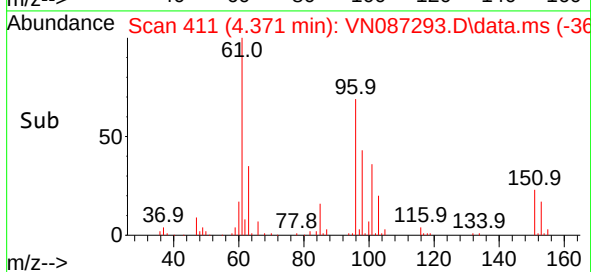
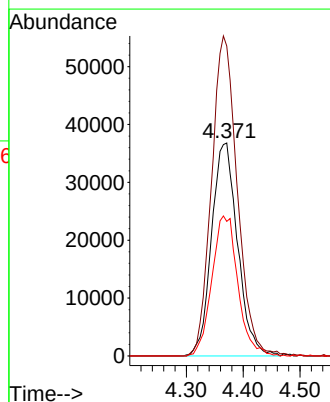
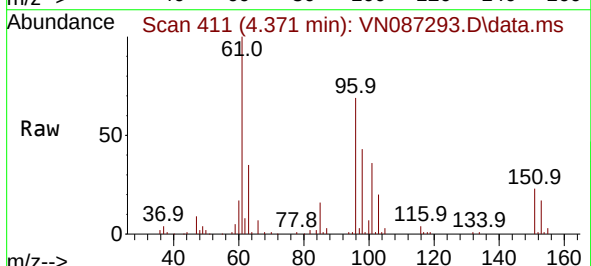
APPROVED

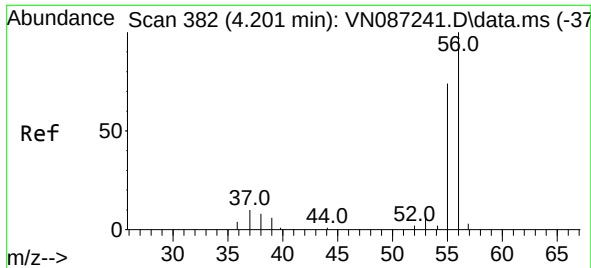
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#12
1,1-Dichloroethene
Concen: 50.443 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

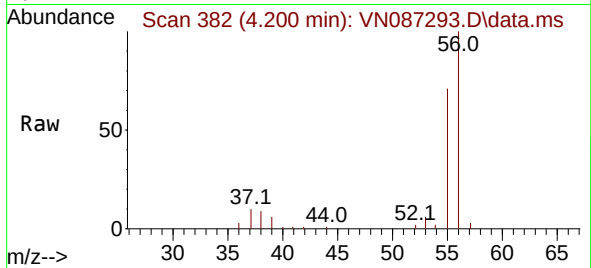
Tgt Ion: 96 Resp: 117035
Ion Ratio Lower Upper
96 100
61 145.5 114.4 171.6
98 63.2 53.0 79.6





#13
Acrolein
Concen: 313.797 ug/l
RT: 4.200 min Scan# 313
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

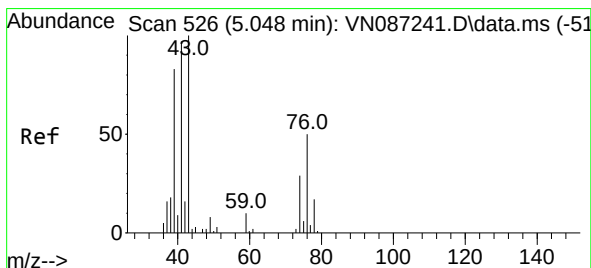
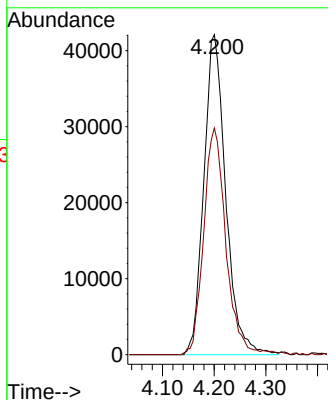
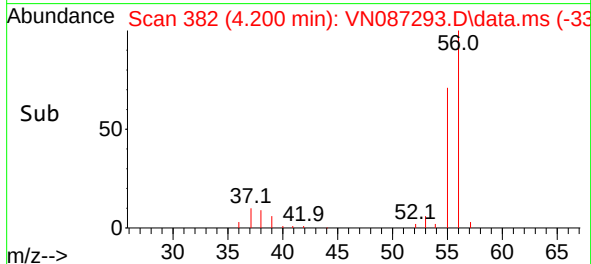
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



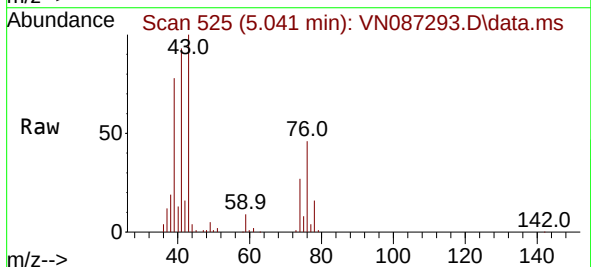
Tgt Ion: 56 Resp: 12404
Ion Ratio Lower Upper
56 100
55 71.5 58.6 88.0

Manual Integrations
APPROVED

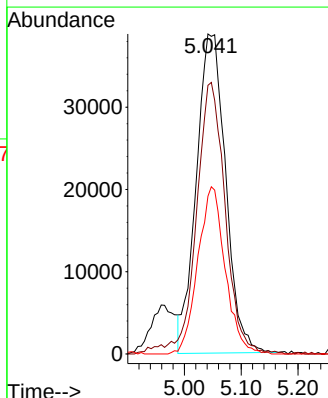
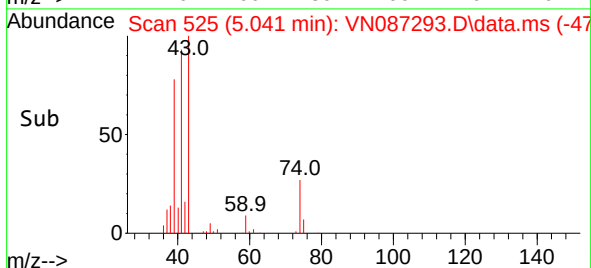
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

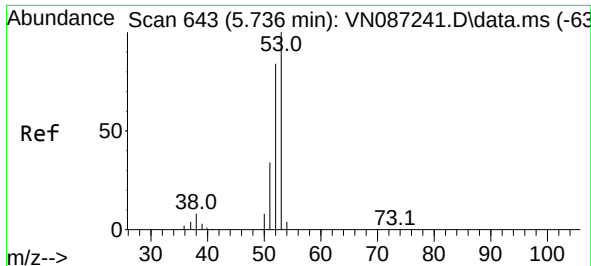


#14
Allyl chloride
Concen: 48.952 ug/l
RT: 5.041 min Scan# 525
Delta R.T. -0.006 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18



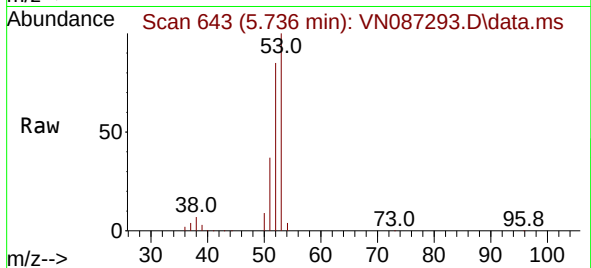
Tgt Ion: 41 Resp: 139192
Ion Ratio Lower Upper
41 100
39 83.5 66.3 99.5
76 48.8 38.6 58.0





#15
Acrylonitrile
Concen: 243.083 ug/l
RT: 5.736 min Scan# 643
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

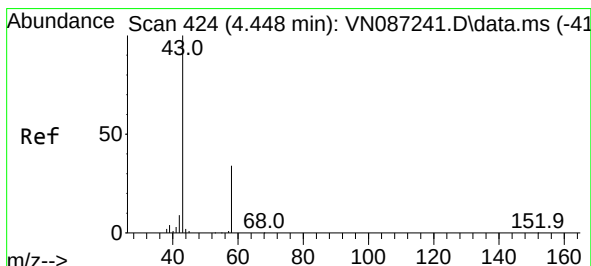
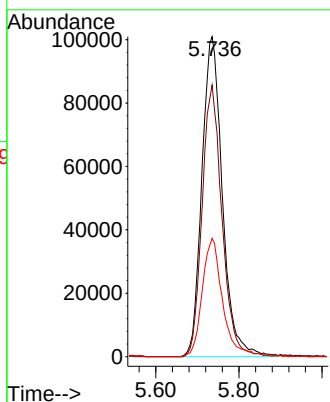
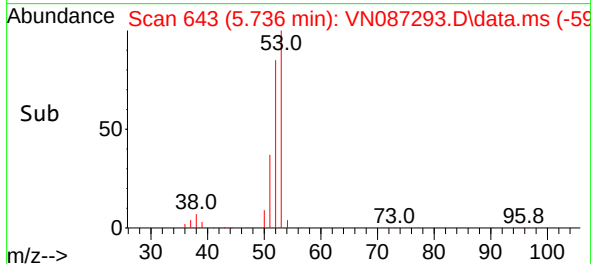
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



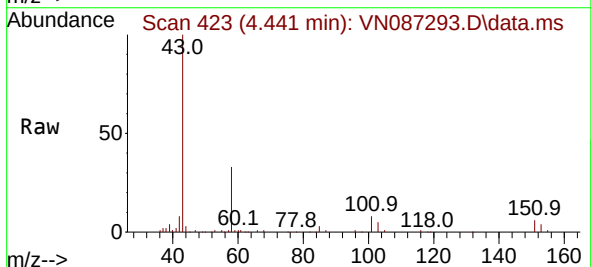
Tgt Ion: 53 Resp: 345388
Ion Ratio Lower Upper
53 100
52 82.1 66.5 99.7
51 36.7 29.1 43.7

Manual Integrations
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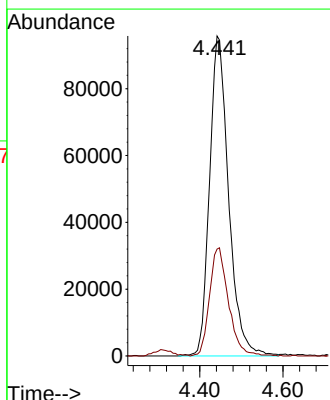
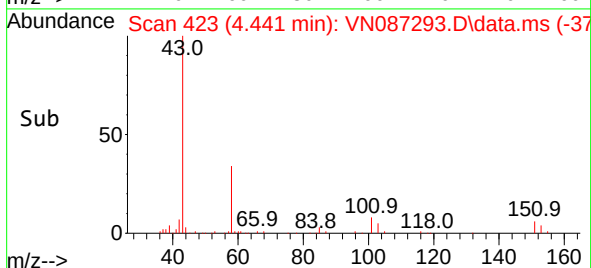
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

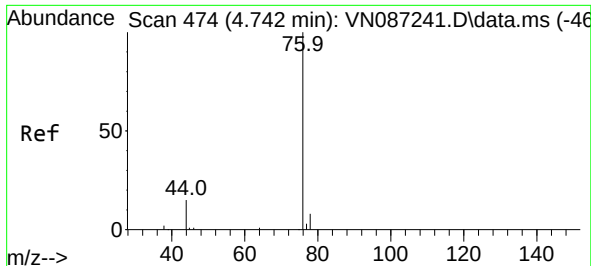


#16
Acetone
Concen: 254.935 ug/l
RT: 4.441 min Scan# 423
Delta R.T. -0.006 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18



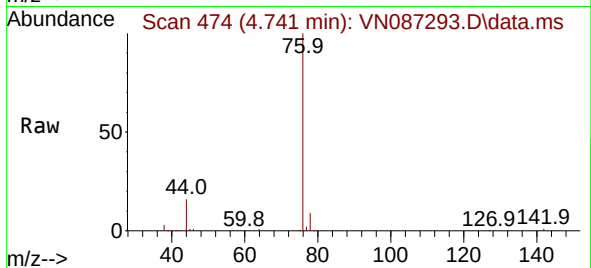
Tgt Ion: 43 Resp: 305222
Ion Ratio Lower Upper
43 100
58 33.4 27.1 40.7





#17
Carbon Disulfide
Concen: 46.501 ug/l
RT: 4.741 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

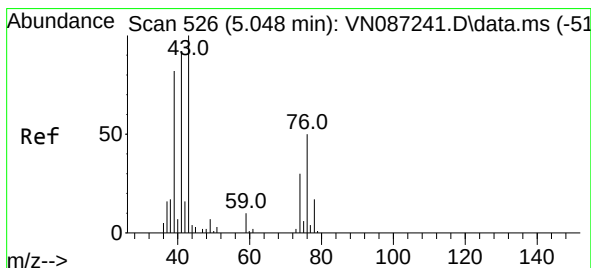
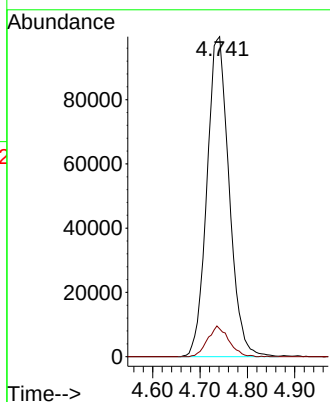
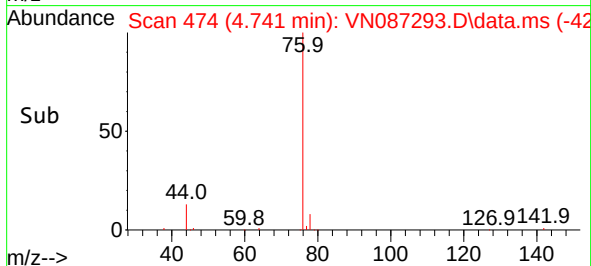
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



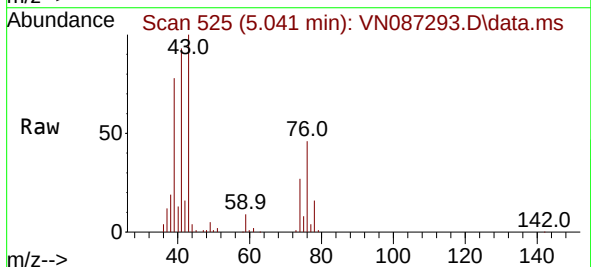
Tgt Ion: 76 Resp: 32369
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2

Manual Integrations
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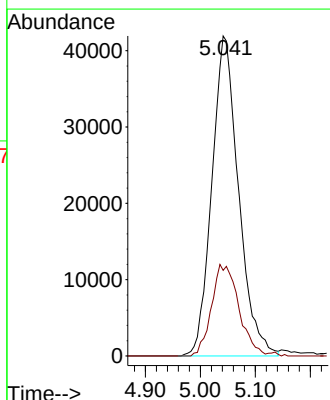
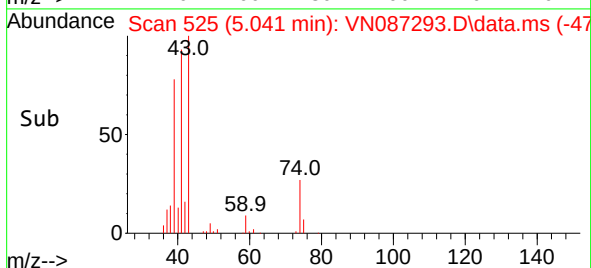
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

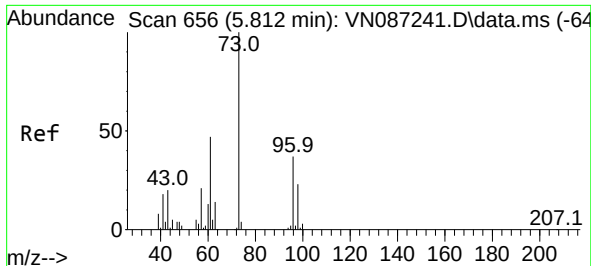


#18
Methyl Acetate
Concen: 51.623 ug/l
RT: 5.041 min Scan# 525
Delta R.T. -0.006 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18



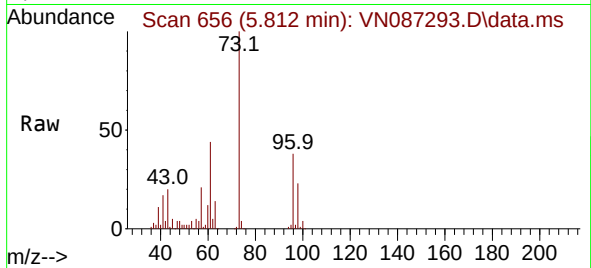
Tgt Ion: 43 Resp: 141490
Ion Ratio Lower Upper
43 100
74 29.1 23.8 35.6





#19
Methyl tert-butyl Ether
Concen: 49.104 ug/l
RT: 5.812 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

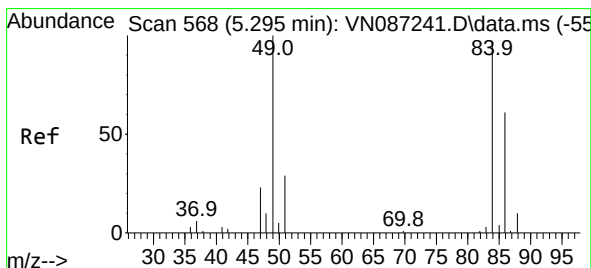
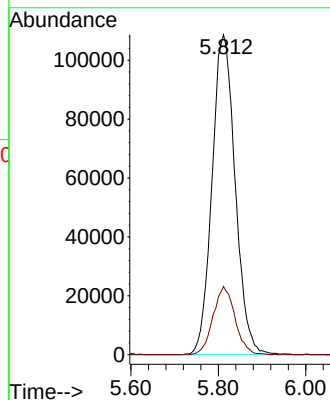
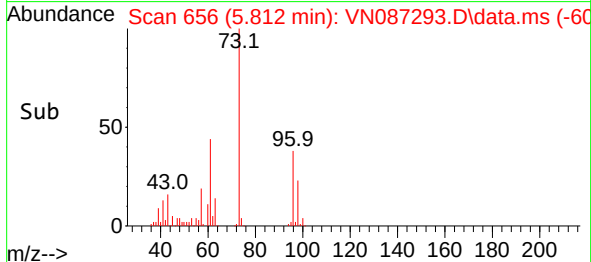
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



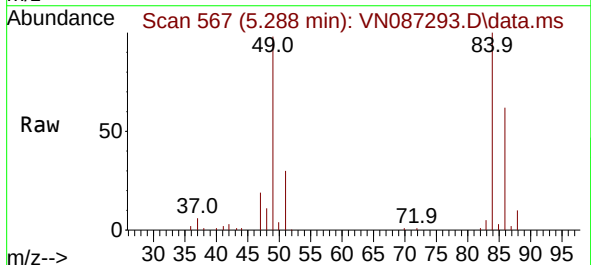
Tgt Ion: 73 Resp: 399289
Ion Ratio Lower Upper
73 100
57 21.3 16.7 25.1

Manual Integrations
APPROVED

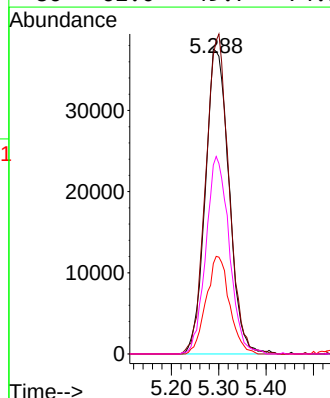
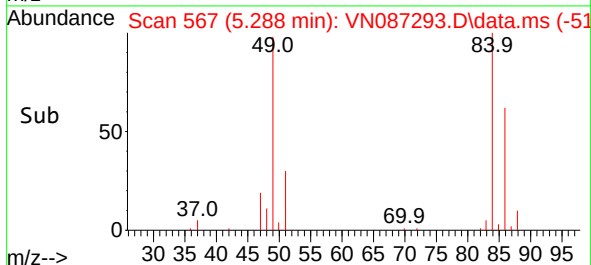
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

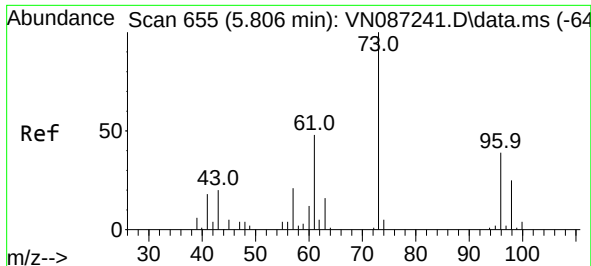


#20
Methylene Chloride
Concen: 49.205 ug/l
RT: 5.288 min Scan# 567
Delta R.T. -0.006 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18



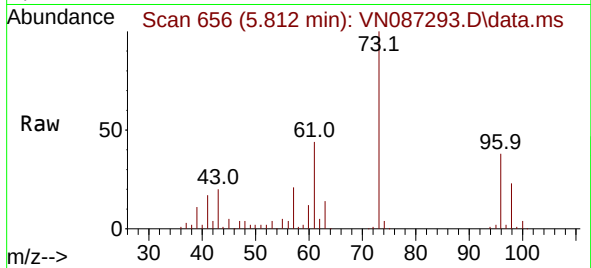
Tgt Ion: 84 Resp: 130502
Ion Ratio Lower Upper
84 100
49 97.9 82.1 123.1
51 29.7 23.5 35.3
86 62.0 49.7 74.5





#21
trans-1,2-Dichloroethene
Concen: 47.814 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

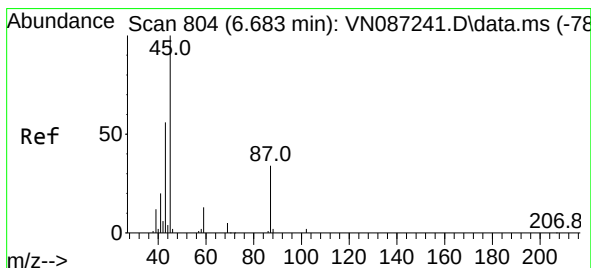
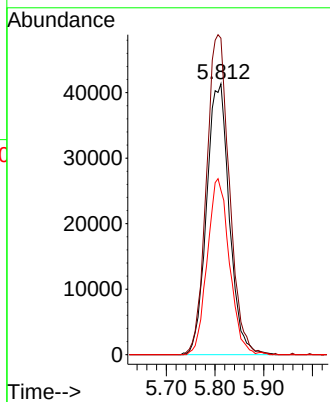
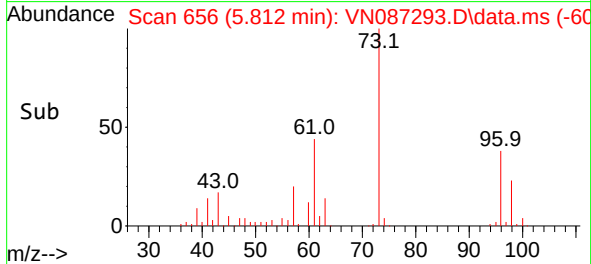
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 134050
Ion Ratio Lower Upper
96 100
61 116.8 98.2 147.2
98 60.7 50.0 75.0

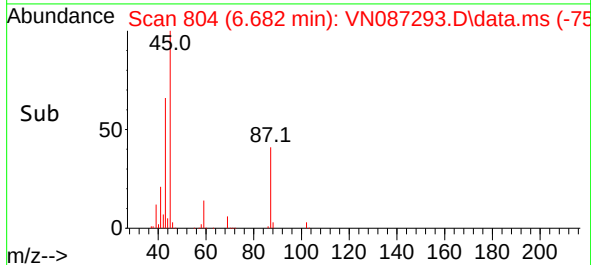
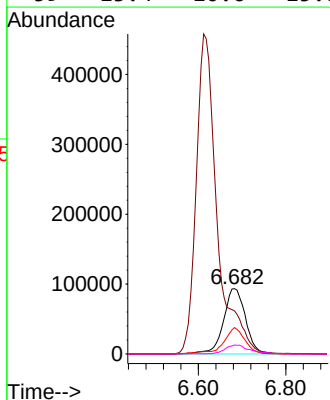
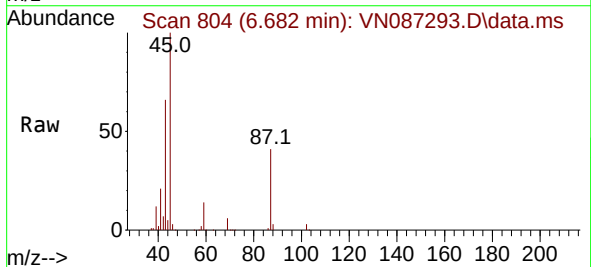
Manual Integrations
APPROVED

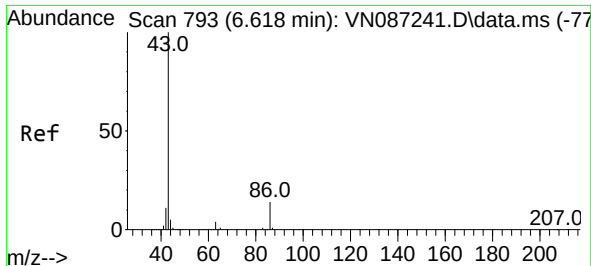
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#22
Diisopropyl ether
Concen: 47.785 ug/l
RT: 6.682 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

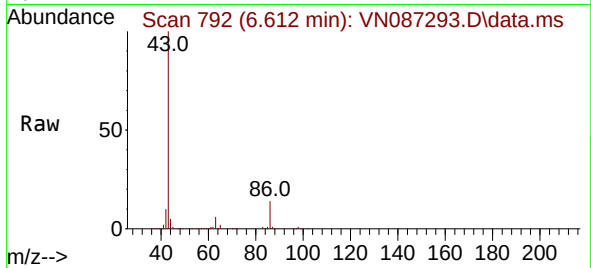
Tgt Ion: 45 Resp: 325321
Ion Ratio Lower Upper
45 100
43 65.0 50.1 75.1
87 40.3 27.5 41.3
59 13.4 10.6 15.8





#23
 Vinyl Acetate
 Concen: 241.420 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.006 min
 Lab File: VN087293.D
 Acq: 07 Jul 2025 16:18

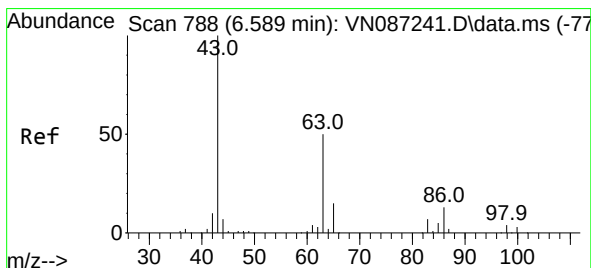
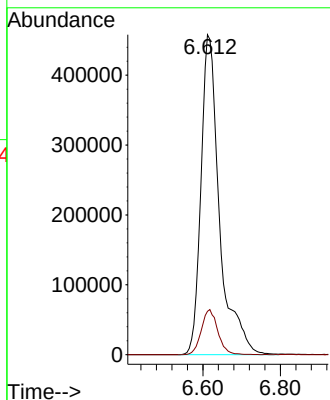
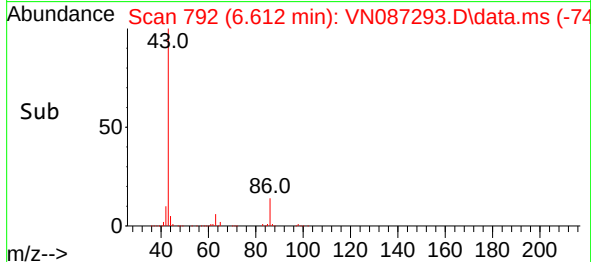
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



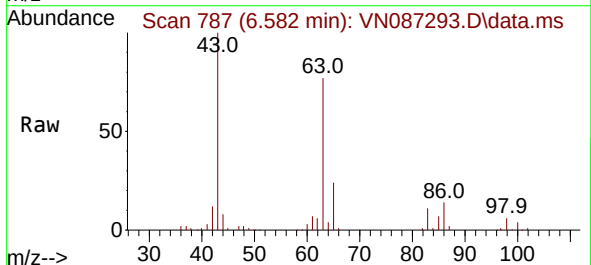
Tgt Ion: 43 Resp: 1520030
 Ion Ratio Lower Upper
 43 100
 86 13.6 11.0 16.4

Manual Integrations
 APPROVED

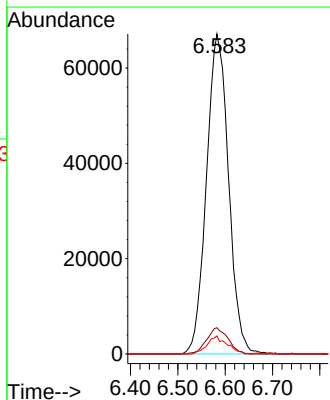
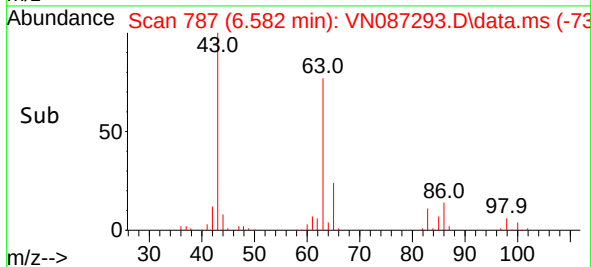
Reviewed By :John Carlone 07/08/2025
 Supervised By :Mahesh Dadoda 07/08/2025

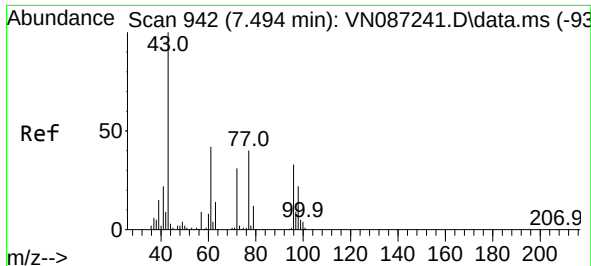


#24
 1,1-Dichloroethane
 Concen: 48.796 ug/l
 RT: 6.582 min Scan# 787
 Delta R.T. -0.006 min
 Lab File: VN087293.D
 Acq: 07 Jul 2025 16:18



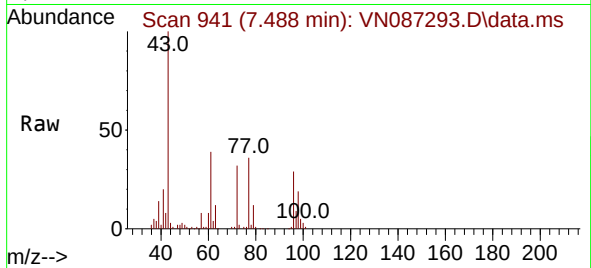
Tgt Ion: 63 Resp: 217658
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.5 10.6
 100 5.6 2.7 8.1





#25
2-Butanone
Concen: 246.714 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

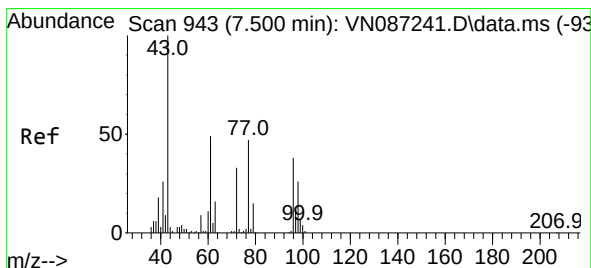
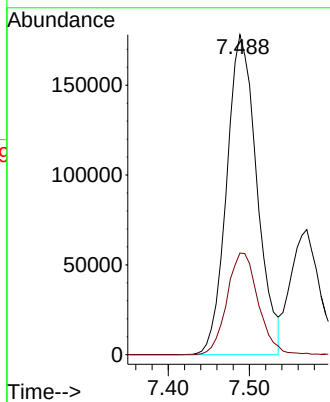
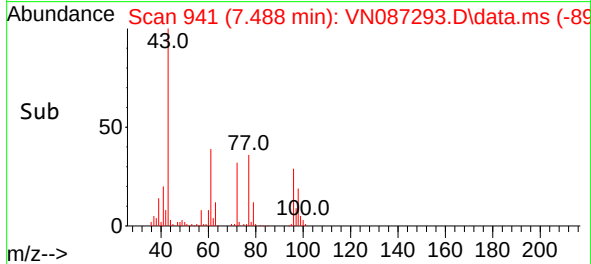
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 461609
Ion Ratio Lower Upper
43 100
72 31.8 24.8 37.2

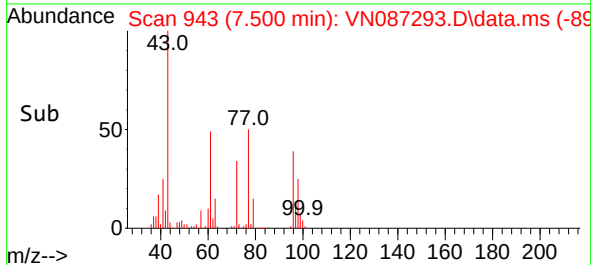
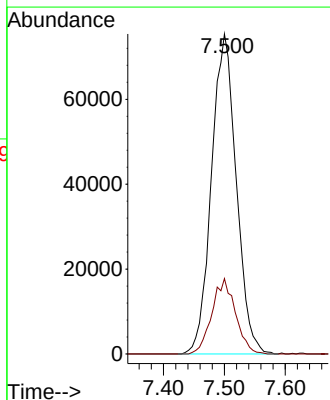
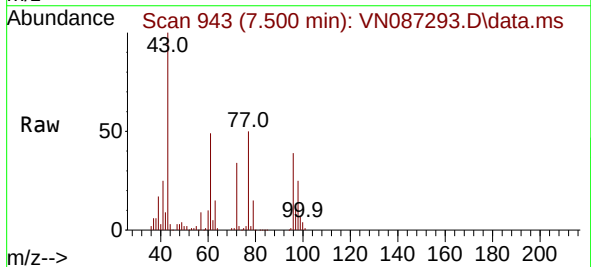
Manual Integrations
APPROVED

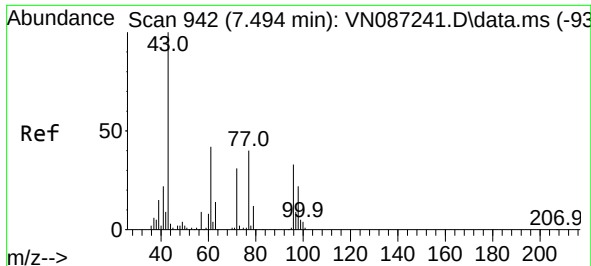
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#26
2,2-Dichloropropane
Concen: 49.960 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

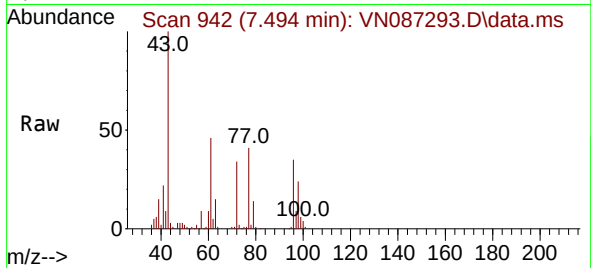
Tgt Ion: 77 Resp: 213244
Ion Ratio Lower Upper
77 100
97 22.3 11.8 35.3





#27
cis-1,2-Dichloroethene
Concen: 48.390 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

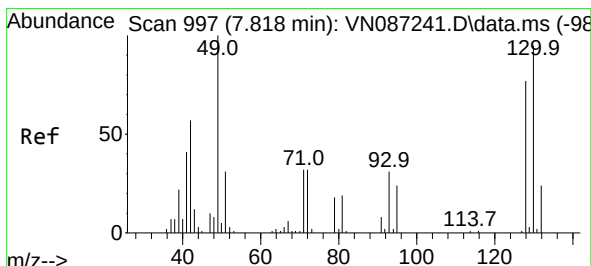
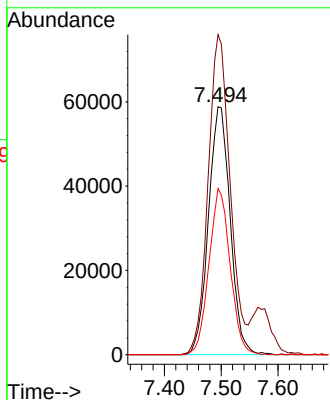
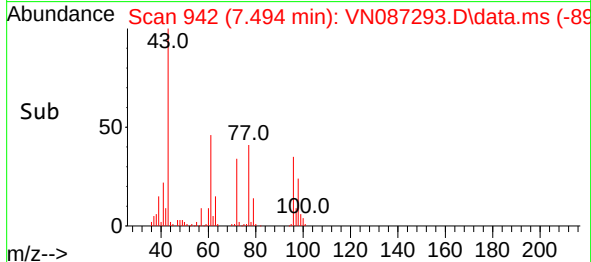
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 156672
Ion Ratio Lower Upper
96 100
61 130.8 0.0 258.8
98 65.1 0.0 130.8

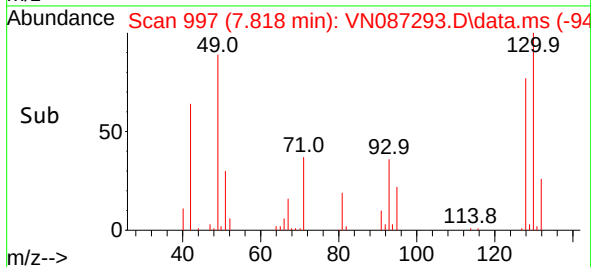
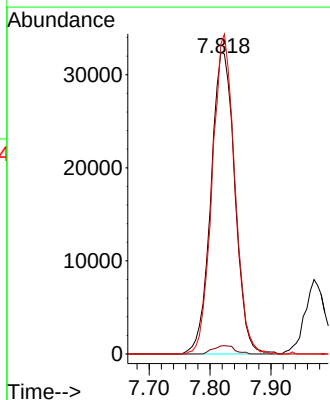
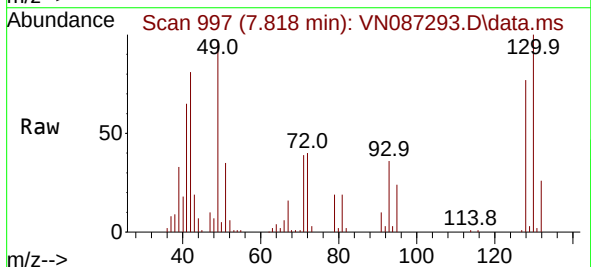
Manual Integrations
APPROVED

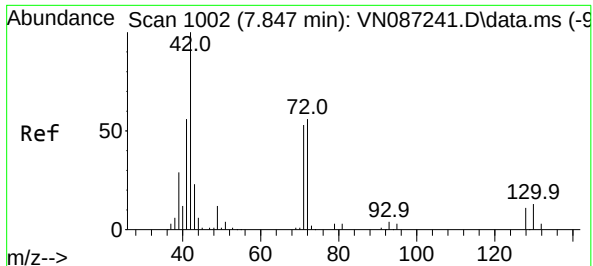
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#28
Bromochloromethane
Concen: 44.909 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

Tgt Ion: 49 Resp: 88419
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.8
130 99.6 78.4 117.6





#29

Tetrahydrofuran

Concen: 245.898 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VN087293.D

Acq: 07 Jul 2025 16:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

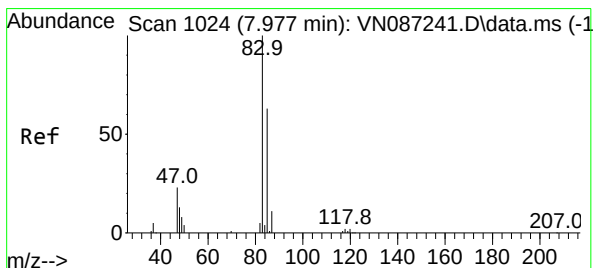
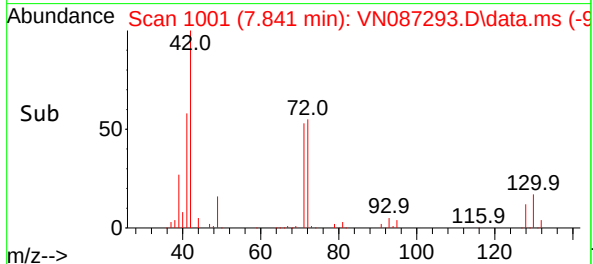
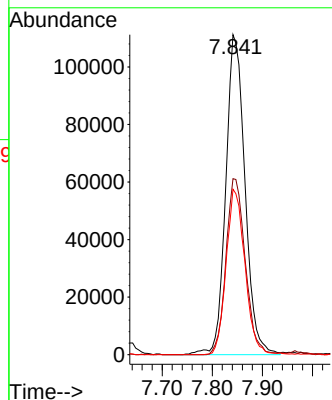
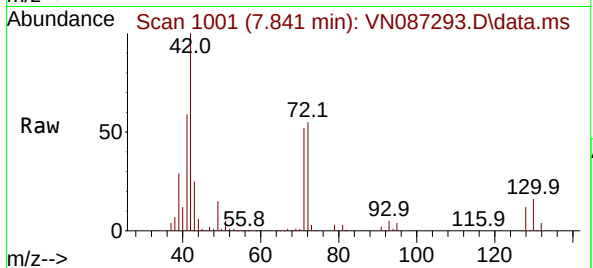
Tgt Ion:	42	Resp:	296472
Ion	Ratio	Lower	Upper
42	100		
72	55.2	44.2	66.4
71	50.7	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2025

Supervised By :Mahesh Dadoda 07/08/2025



#30

Chloroform

Concen: 49.693 ug/l

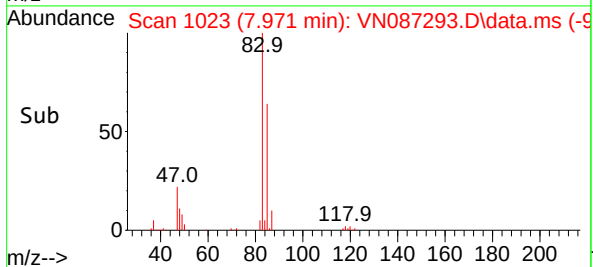
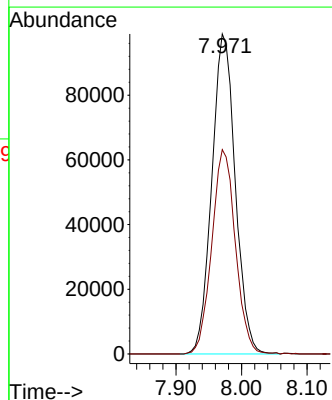
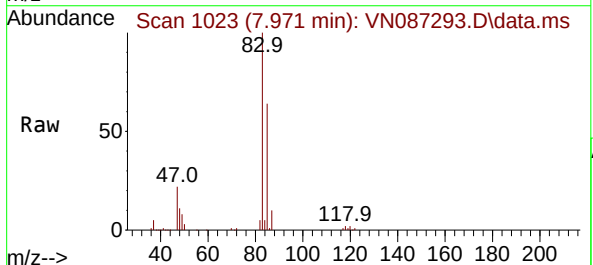
RT: 7.971 min Scan# 1023

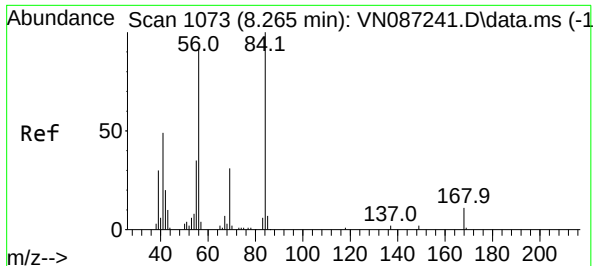
Delta R.T. -0.006 min

Lab File: VN087293.D

Acq: 07 Jul 2025 16:18

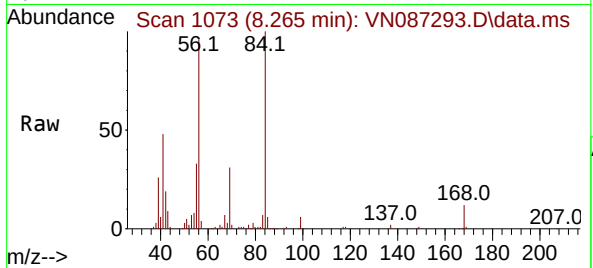
Tgt Ion:	83	Resp:	245684
Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.3	75.5





#31
Cyclohexane
Concen: 42.363 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

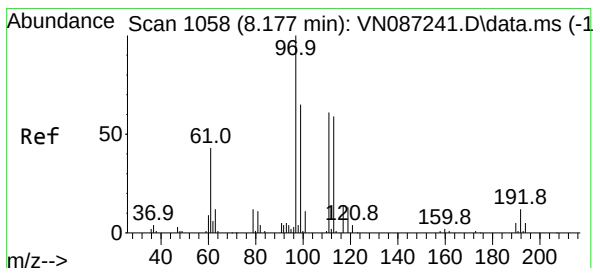
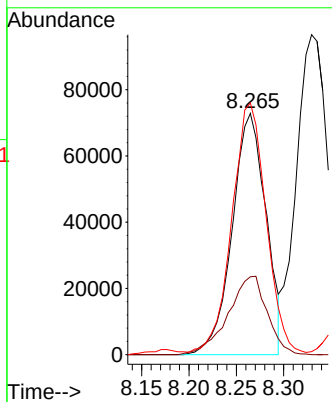
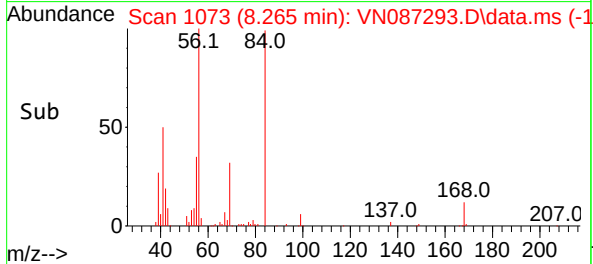
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



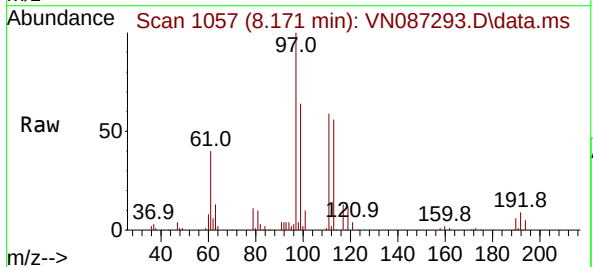
Tgt Ion: 56 Resp: 180672
Ion Ratio Lower Upper
56 100
69 32.3 27.0 40.6
84 103.1 86.2 129.4

Manual Integrations
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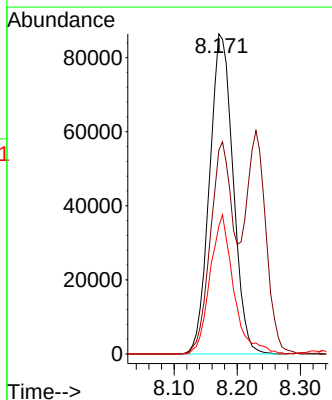
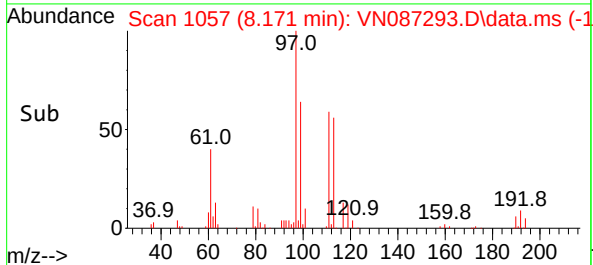
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

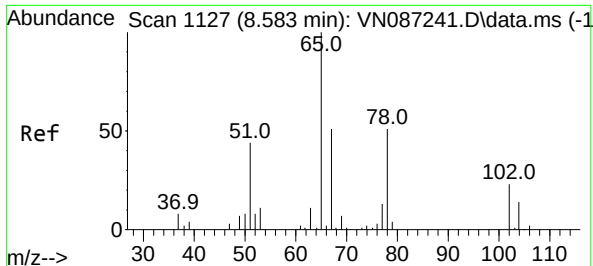


#32
1,1,1-Trichloroethane
Concen: 48.688 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18



Tgt Ion: 97 Resp: 224177
Ion Ratio Lower Upper
97 100
99 63.2 49.5 74.3
61 43.5 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 43.828 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN087293.D

Acq: 07 Jul 2025 16:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 137250

Ion Ratio Lower Upper

65 100

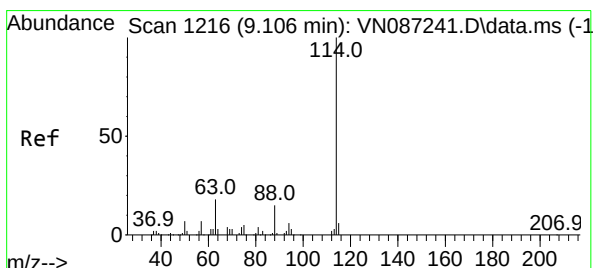
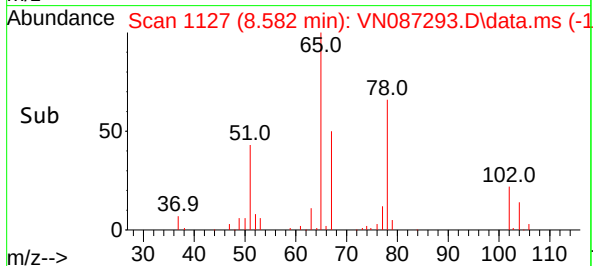
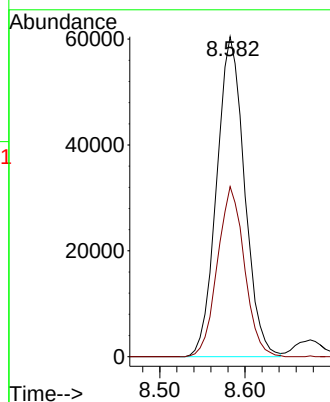
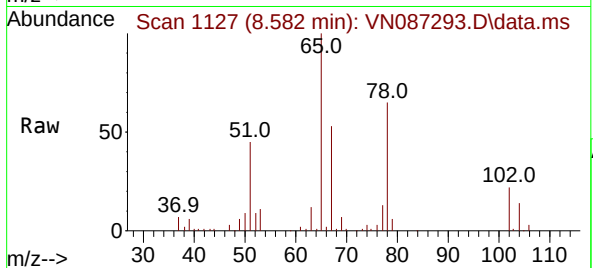
67 51.4 0.0 102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2025

Supervised By :Mahesh Dadoda 07/08/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087293.D

Acq: 07 Jul 2025 16:18

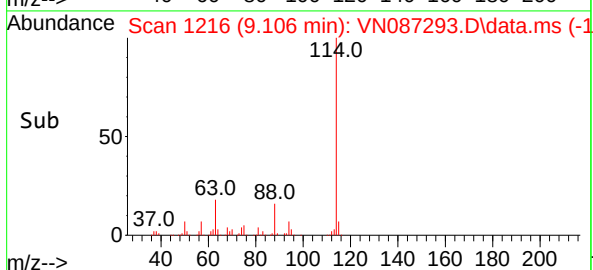
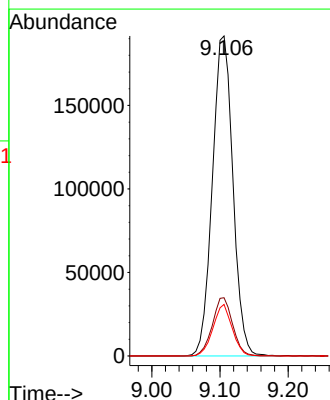
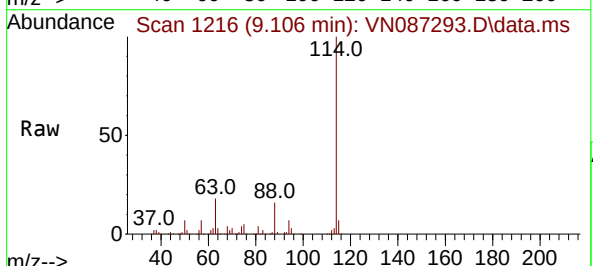
Tgt Ion:114 Resp: 401836

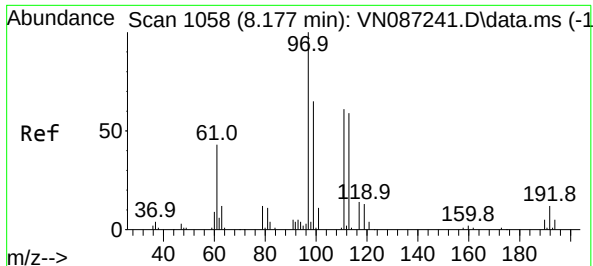
Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.6

88 16.1 0.0 29.6





#35

Dibromofluoromethane

Concen: 46.075 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN087293.D

Acq: 07 Jul 2025 16:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 118550

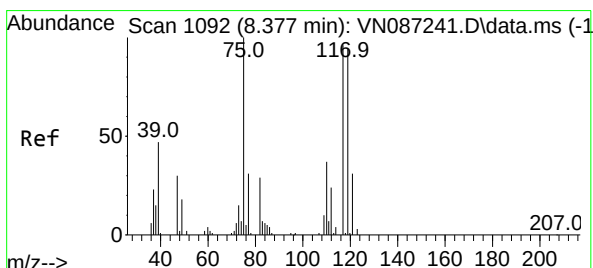
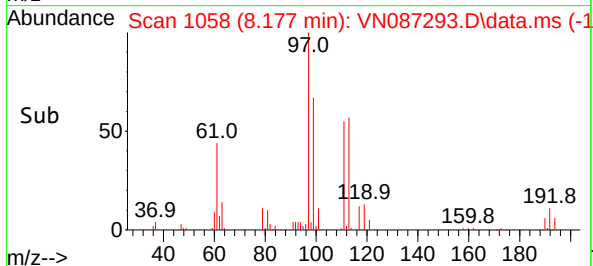
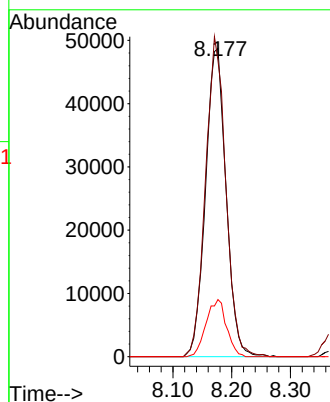
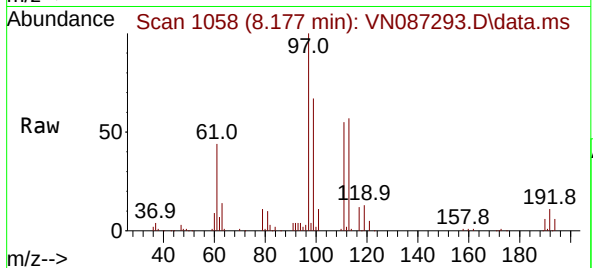
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.4	122.2
192	18.3	15.1	22.7

Manual Integrations

APPROVED

Reviewed By : John Carlone 07/08/2025

Supervised By : Mahesh Dadoda 07/08/2025



#36

1,1-Dichloropropene

Concen: 48.847 ug/l

RT: 8.377 min Scan# 1092

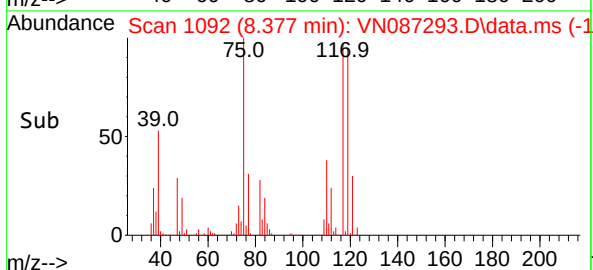
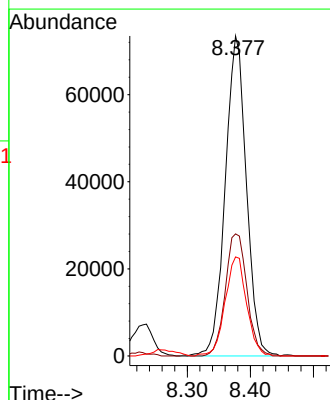
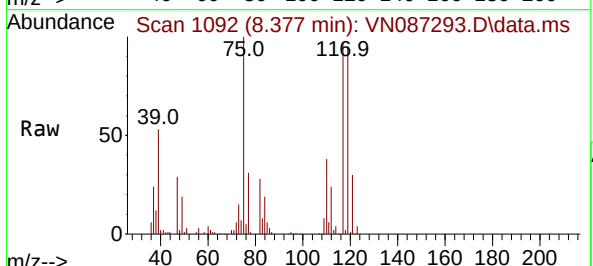
Delta R.T. -0.000 min

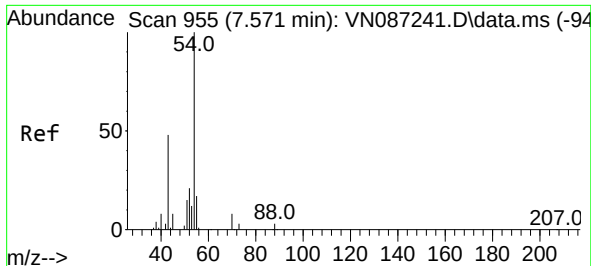
Lab File: VN087293.D

Acq: 07 Jul 2025 16:18

Tgt Ion: 75 Resp: 170914

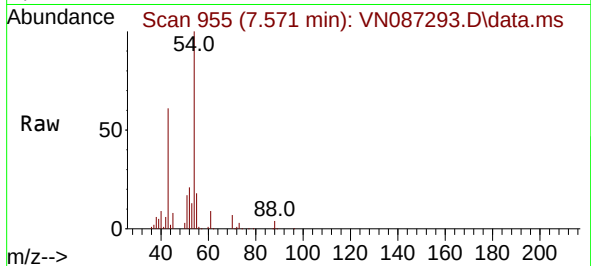
Ion	Ratio	Lower	Upper
75	100		
110	39.1	18.7	56.1
77	31.4	24.5	36.7





#37
Ethyl Acetate
Concen: 47.921 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

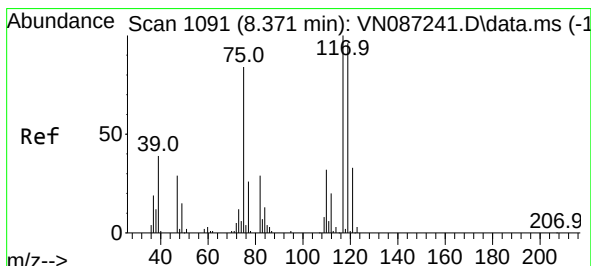
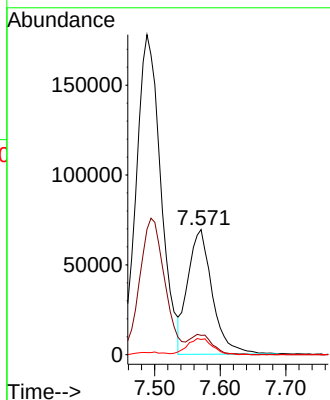
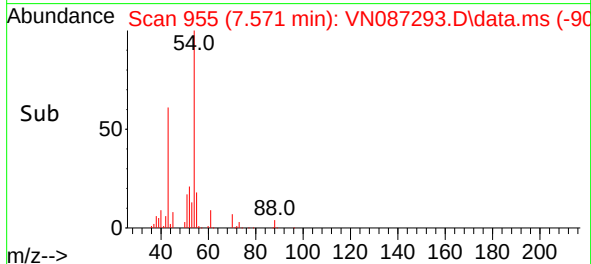
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 180248
Ion Ratio Lower Upper
43 100
61 14.8 11.3 16.9
70 13.2 9.9 14.9

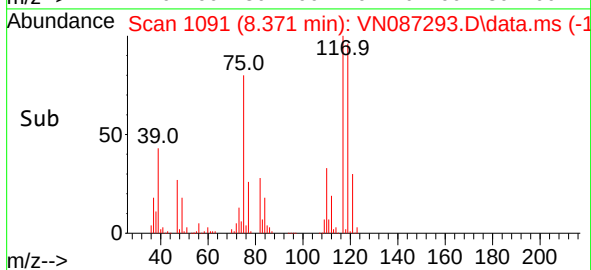
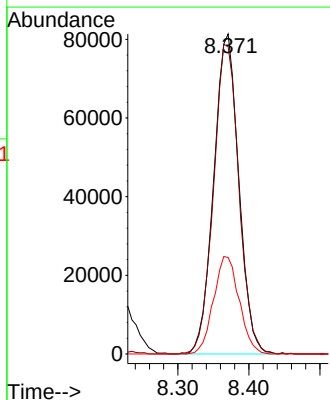
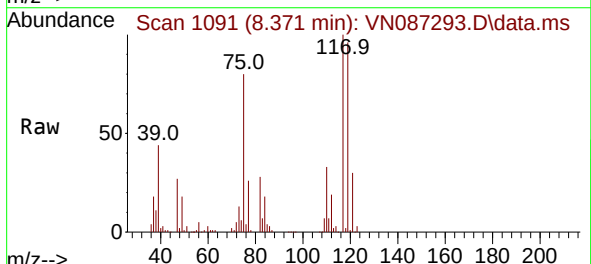
Manual Integrations
APPROVED

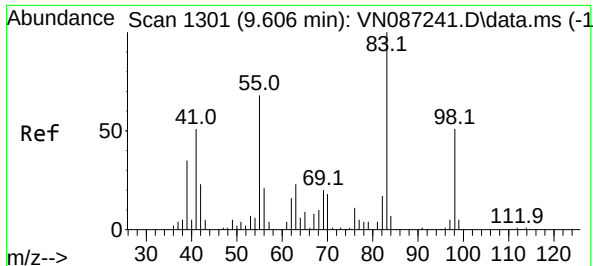
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#38
Carbon Tetrachloride
Concen: 50.228 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

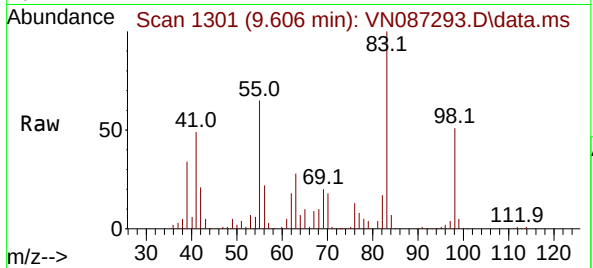
Tgt Ion:117 Resp: 199140
Ion Ratio Lower Upper
117 100
119 96.1 77.2 115.8
121 30.1 26.6 39.8





#39
Methylcyclohexane
Concen: 47.906 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

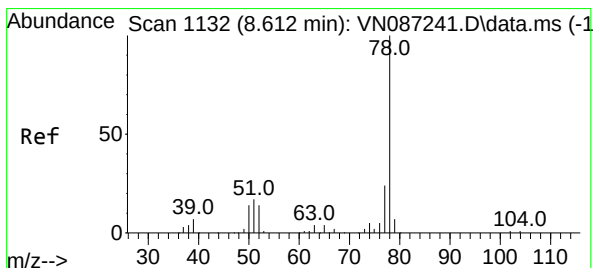
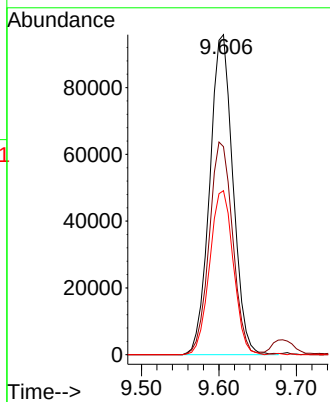
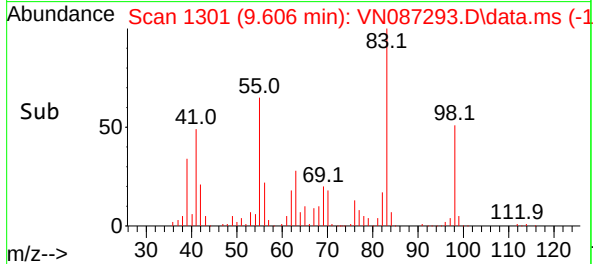
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 199619
Ion Ratio Lower Upper
83 100
55 65.0 54.6 81.8
98 51.2 41.2 61.8

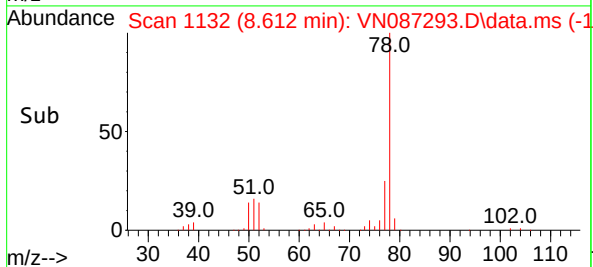
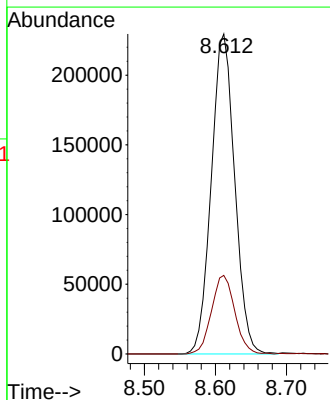
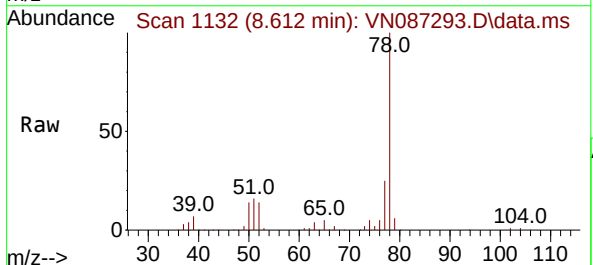
Manual Integrations
APPROVED

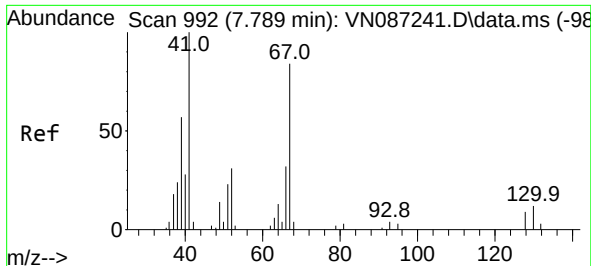
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#40
Benzene
Concen: 48.419 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

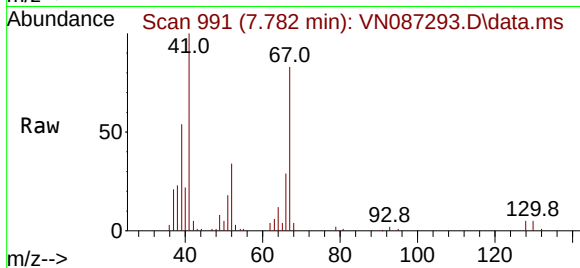
Tgt Ion: 78 Resp: 524865
Ion Ratio Lower Upper
78 100
77 24.6 19.5 29.3





#41
Methacrylonitrile
Concen: 50.109 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

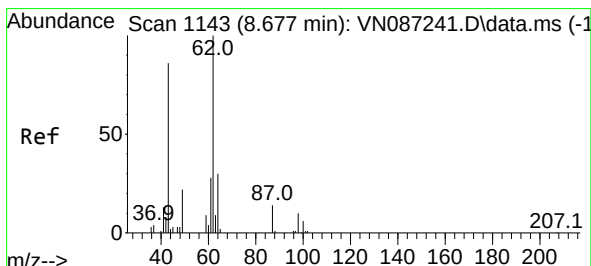
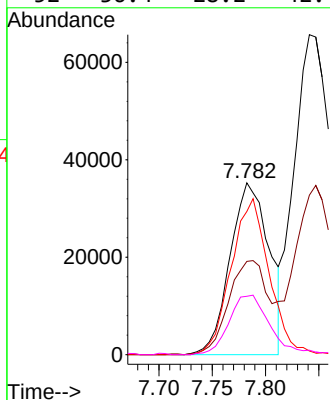
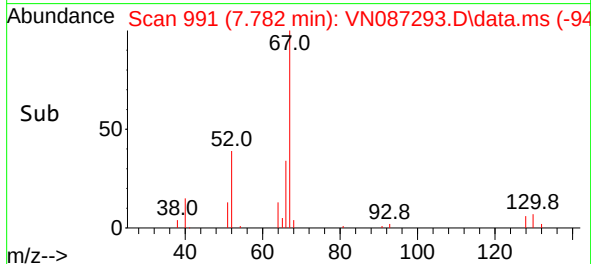
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



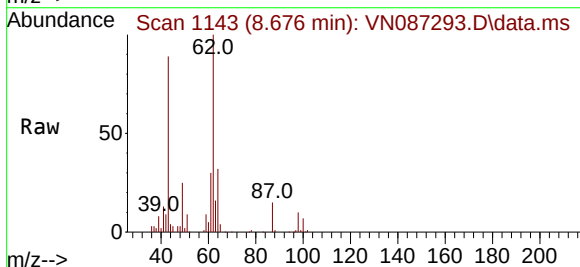
Tgt Ion: 41 Resp: 90118
Ion Ratio Lower Upper
41 100
39 53.2 46.4 69.6
67 88.5 70.8 106.2
52 36.4 28.2 42.4

Manual Integrations
APPROVED

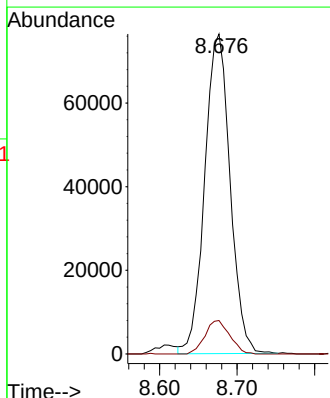
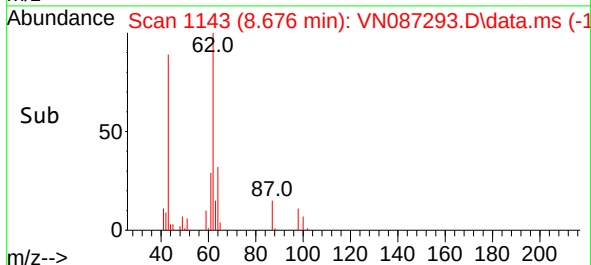
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

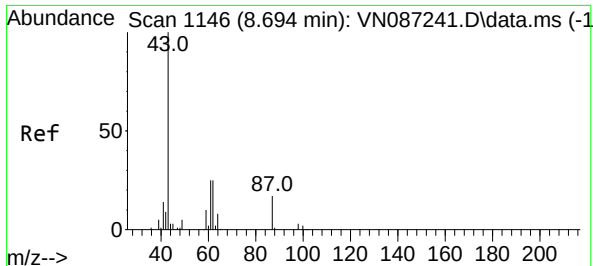


#42
1,2-Dichloroethane
Concen: 48.264 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18



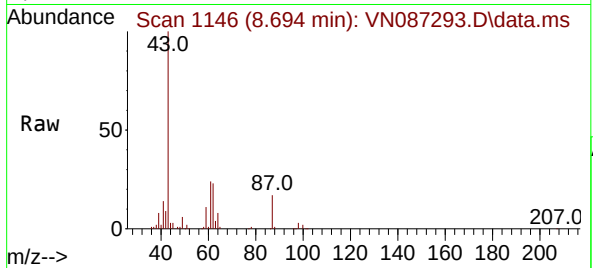
Tgt Ion: 62 Resp: 173991
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.8





#43
Isopropyl Acetate
Concen: 48.497 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

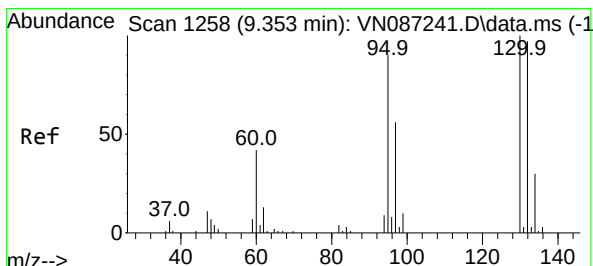
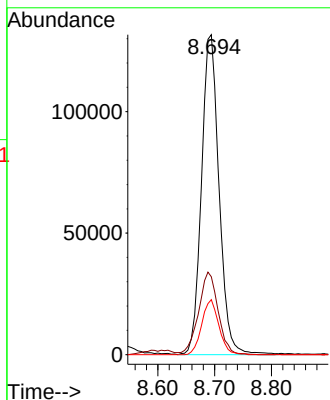
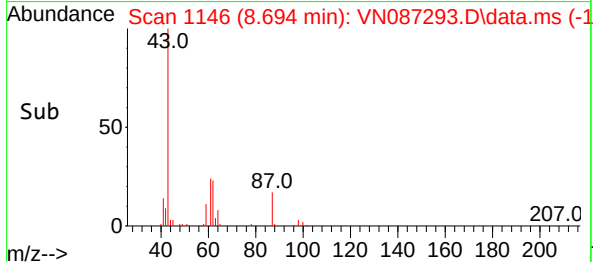
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



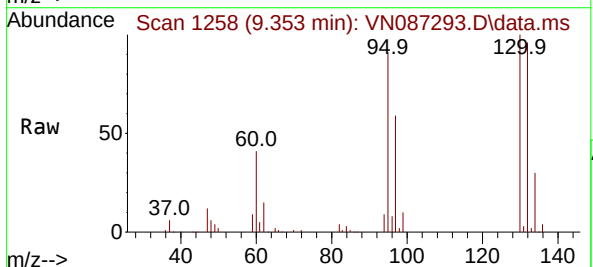
Tgt Ion: 43 Resp: 28288
Ion Ratio Lower Upper
43 100
61 28.7 22.4 33.6
87 16.7 12.8 19.2

Manual Integrations
APPROVED

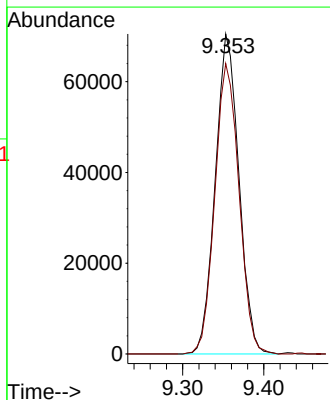
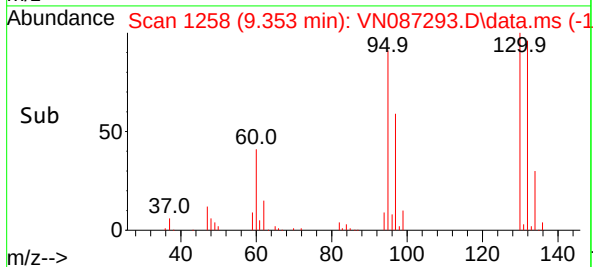
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

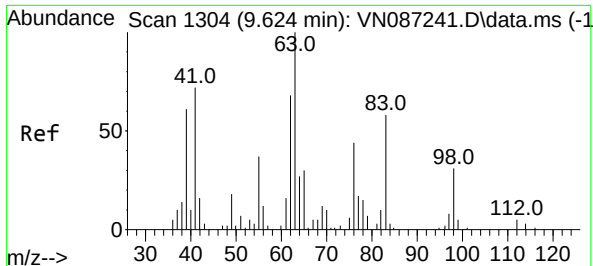


#44
Trichloroethene
Concen: 49.549 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18



Tgt Ion:130 Resp: 142721
Ion Ratio Lower Upper
130 100
95 90.8 0.0 179.2





#45

1,2-Dichloropropane

Concen: 50.603 ug/l

RT: 9.623 min Scan# 11960

Delta R.T. -0.000 min

Lab File: VN087293.D

Acq: 07 Jul 2025 16:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 11960

Ion Ratio Lower Upper

63 100

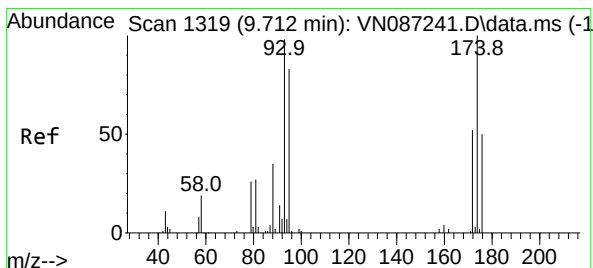
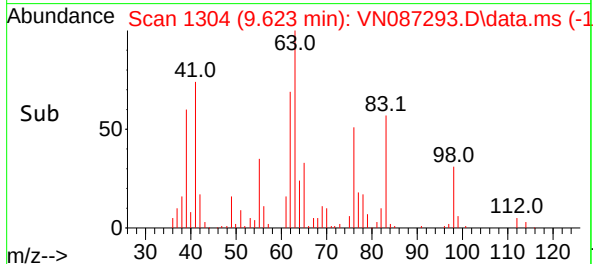
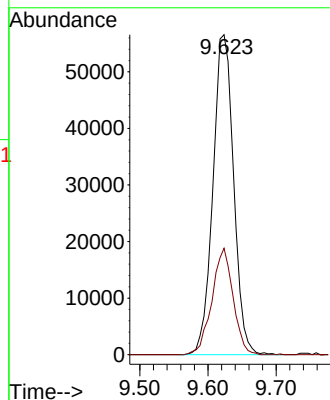
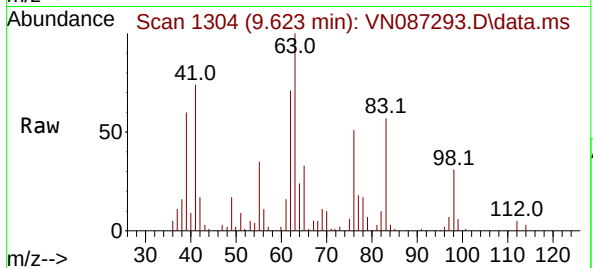
65 33.3 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2025

Supervised By :Mahesh Dadoda 07/08/2025



#46

Dibromomethane

Concen: 49.475 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN087293.D

Acq: 07 Jul 2025 16:18

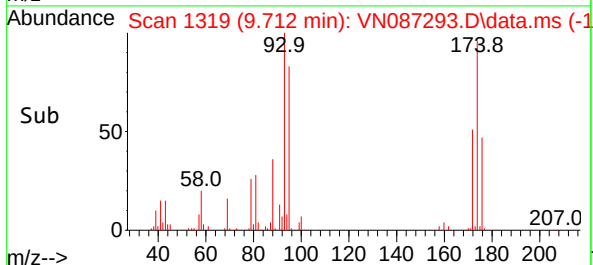
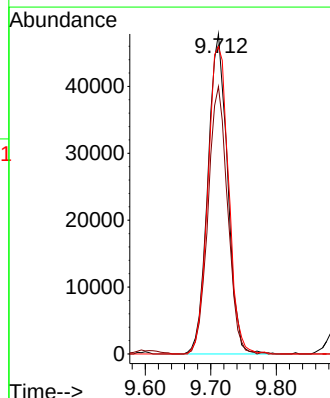
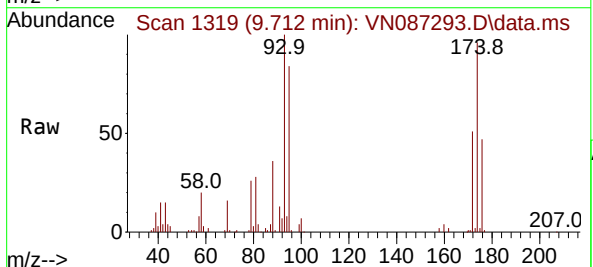
Tgt Ion: 93 Resp: 99478

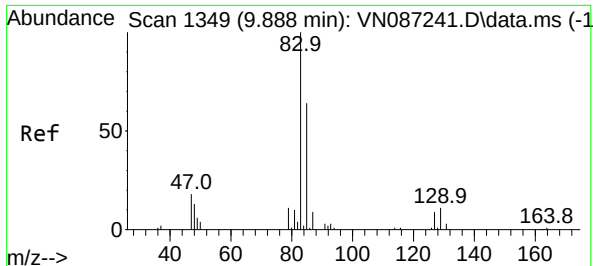
Ion Ratio Lower Upper

93 100

95 83.4 66.1 99.1

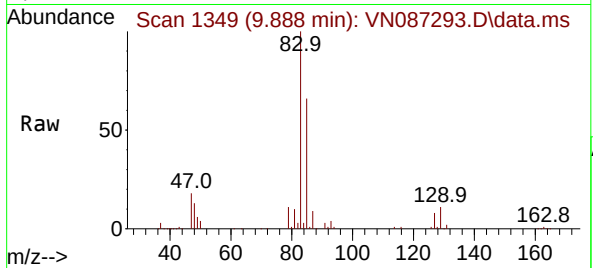
174 101.1 81.8 122.6





#47
Bromodichloromethane
Concen: 50.316 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

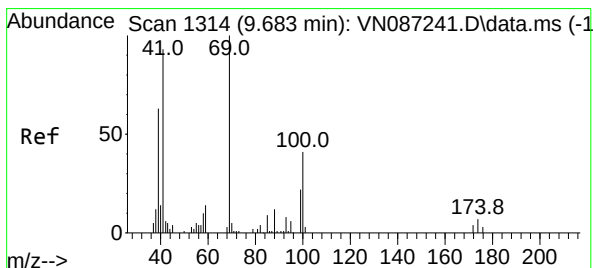
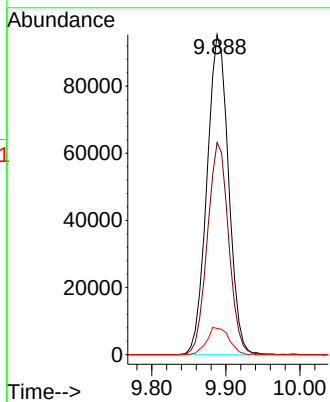
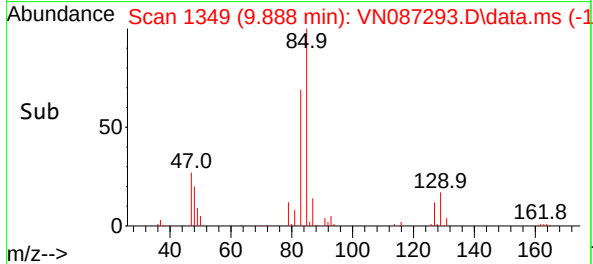
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 192950
Ion Ratio Lower Upper
83 100
85 66.3 51.2 76.8
127 8.2 7.0 10.4

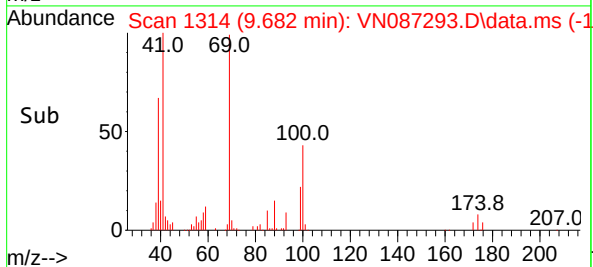
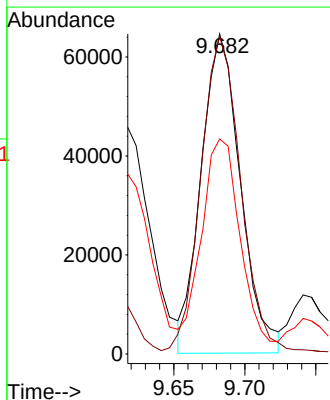
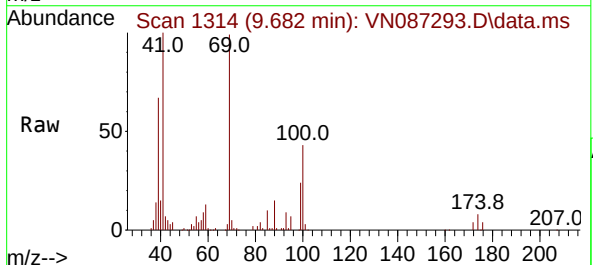
Manual Integrations
APPROVED

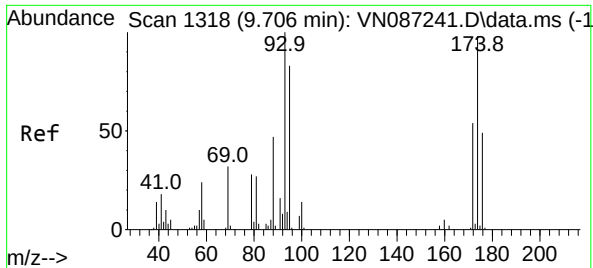
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#48
Methyl methacrylate
Concen: 50.461 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

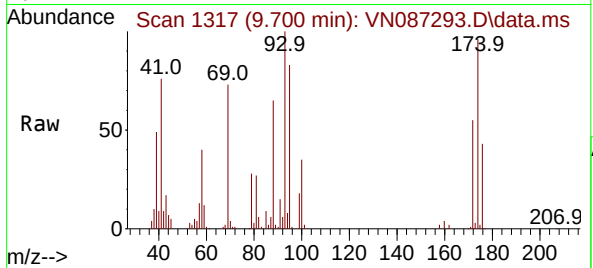
Tgt Ion: 41 Resp: 124056
Ion Ratio Lower Upper
41 100
69 102.5 81.4 122.2
39 67.3 56.9 85.3





#49
1,4-Dioxane
Concen: 1067.647 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

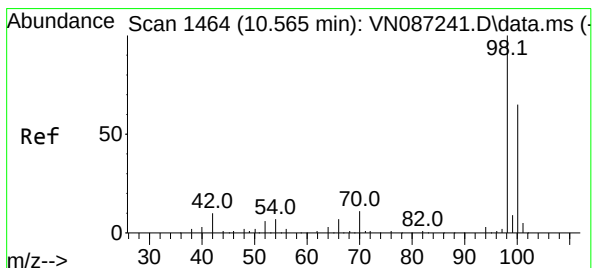
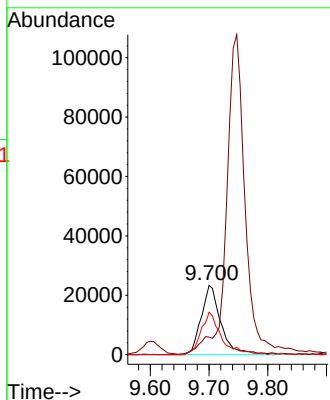
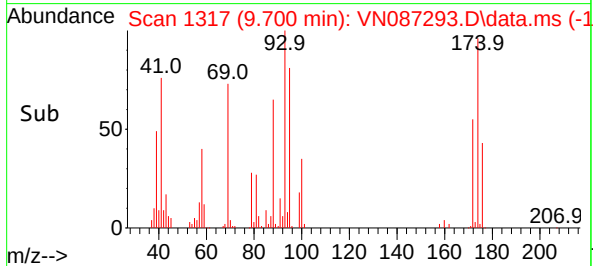
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 5472
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 62.3 47.8 71.8

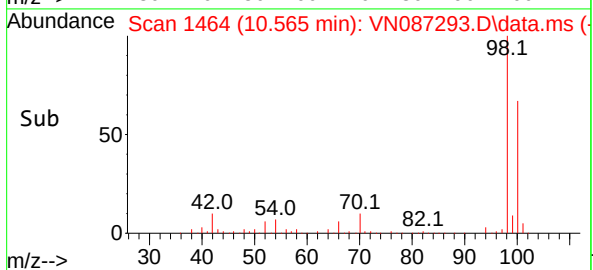
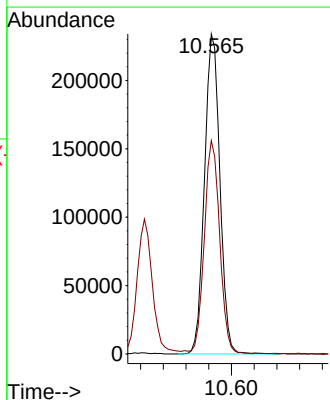
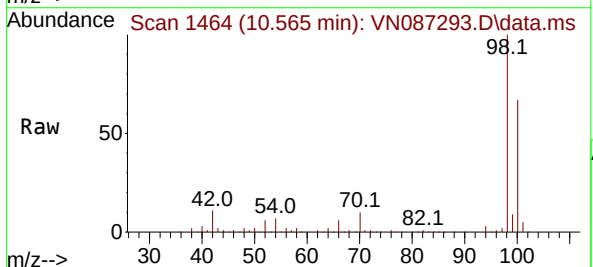
Manual Integrations
APPROVED

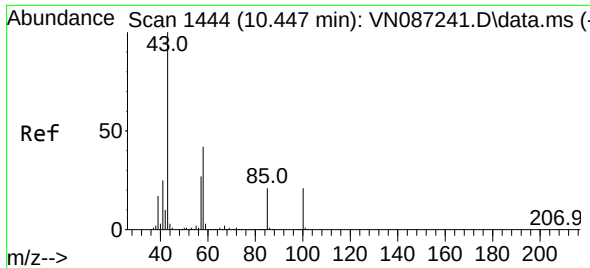
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#50
Toluene-d8
Concen: 43.790 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

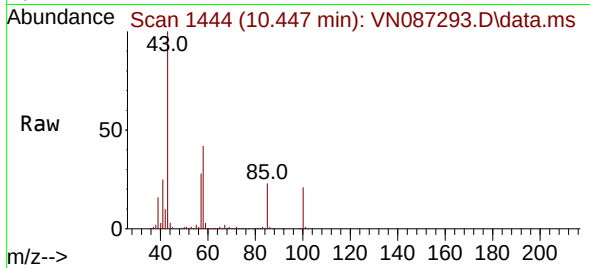
Tgt Ion: 98 Resp: 439174
Ion Ratio Lower Upper
98 100
100 66.2 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 259.697 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

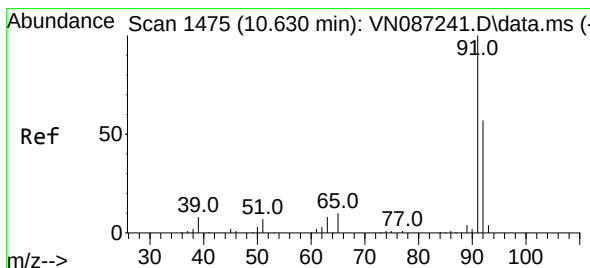
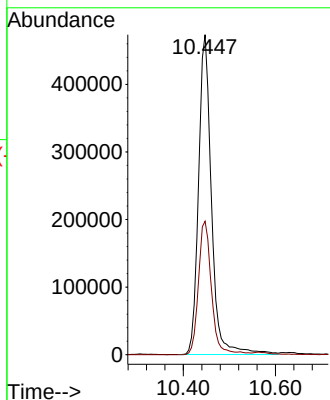
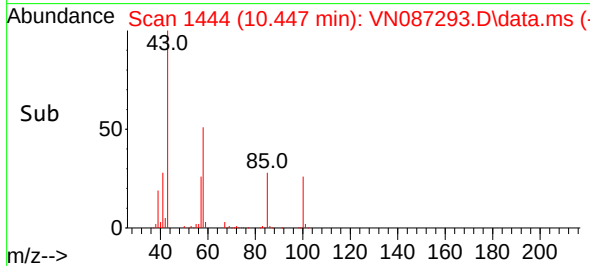
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



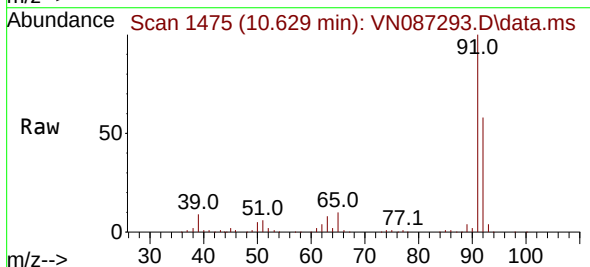
Tgt Ion: 43 Resp: 92685
Ion Ratio Lower Upper
43 100
58 42.1 34.2 51.2

Manual Integrations
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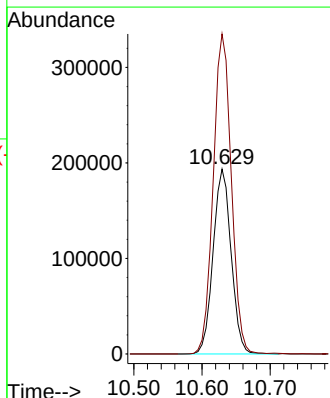
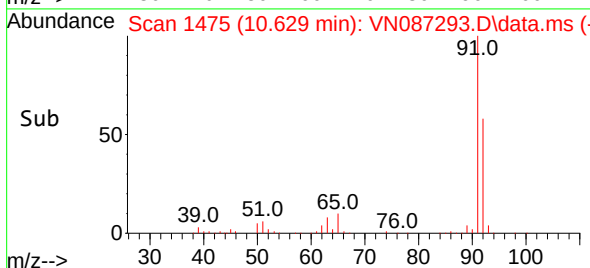
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

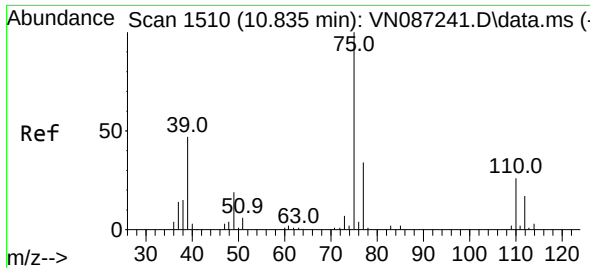


#52
Toluene
Concen: 50.044 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18



Tgt Ion: 92 Resp: 355775
Ion Ratio Lower Upper
92 100
91 173.8 137.8 206.6





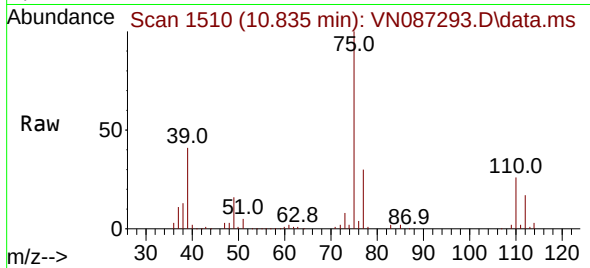
#53
t-1,3-Dichloropropene
Concen: 50.017 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



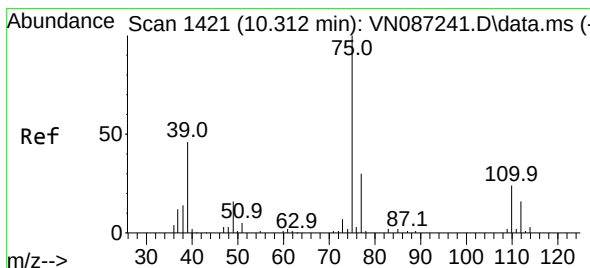
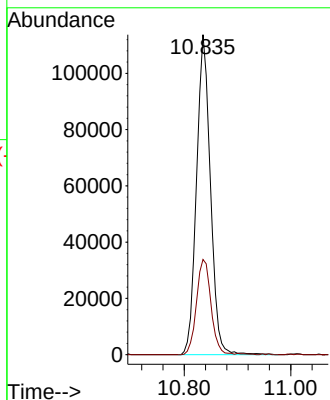
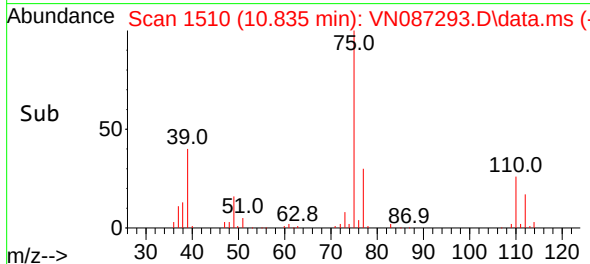
Tgt Ion: 75 Resp: 20572
Ion Ratio Lower Upper
75 100
77 29.7 27.1 40.7

Manual Integrations

APPROVED

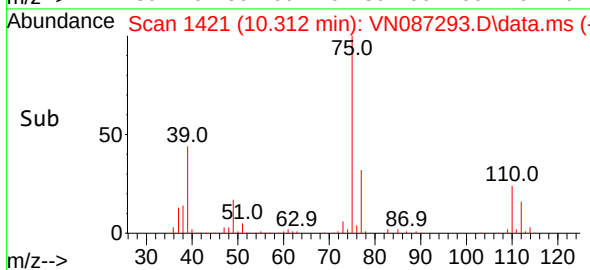
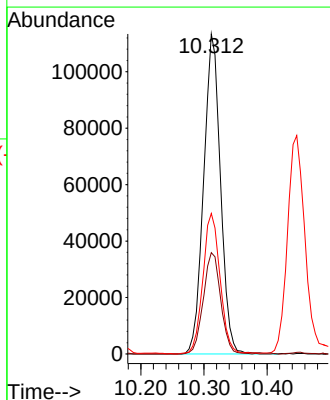
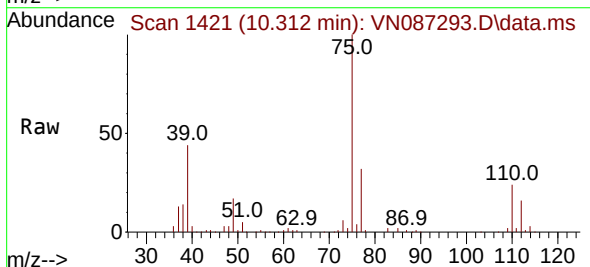
Reviewed By :John Carlone 07/08/2025

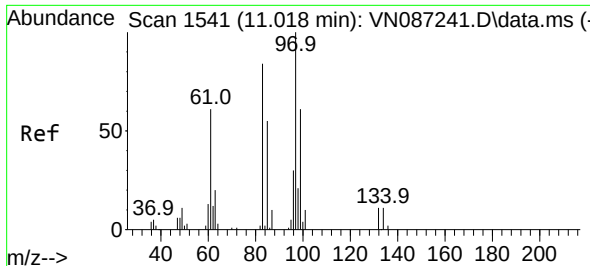
Supervised By :Mahesh Dadoda 07/08/2025



#54
cis-1,3-Dichloropropene
Concen: 50.252 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

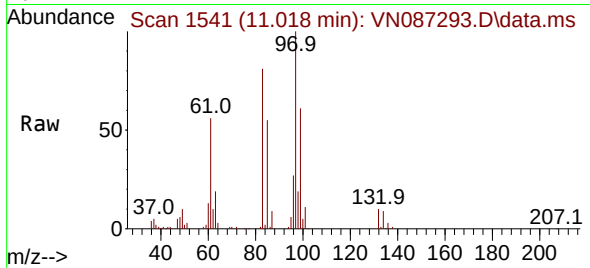
Tgt Ion: 75 Resp: 210584
Ion Ratio Lower Upper
75 100
77 31.7 24.1 36.1
39 43.7 36.7 55.1





#55
1,1,2-Trichloroethane
Concen: 49.903 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

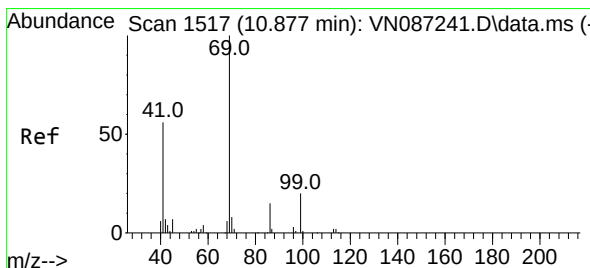
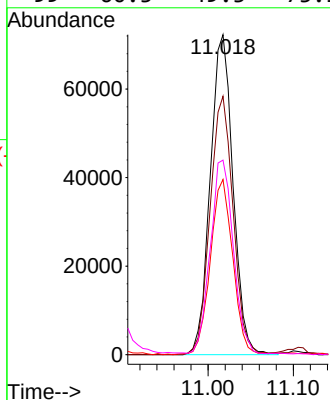
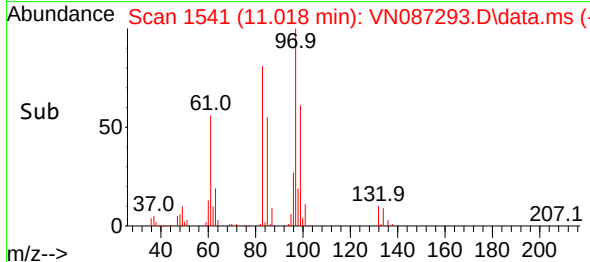
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 134018
Ion Ratio Lower Upper
97 100
83 80.8 67.4 101.2
85 54.5 43.6 65.4
99 60.3 49.3 73.9

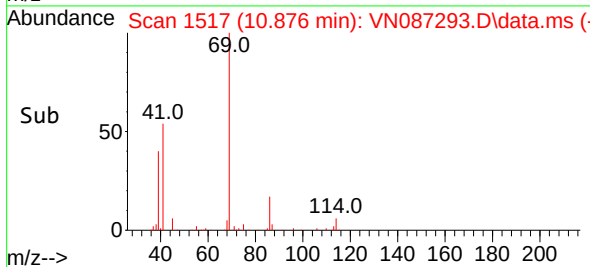
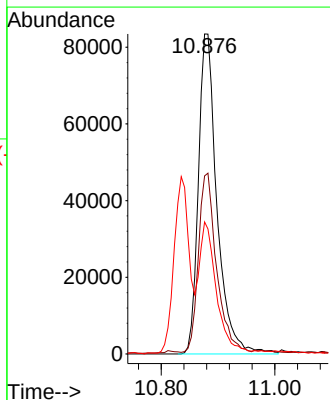
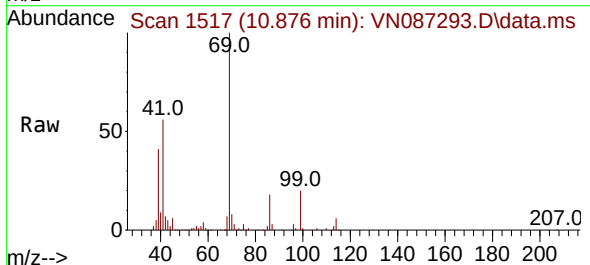
Manual Integrations
APPROVED

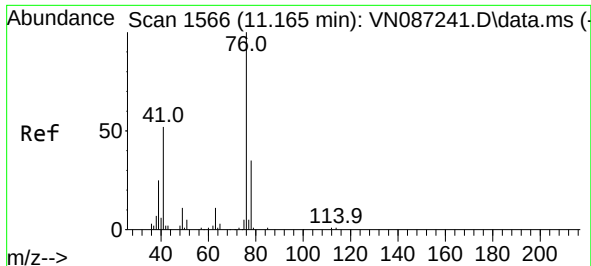
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#56
Ethyl methacrylate
Concen: 48.317 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

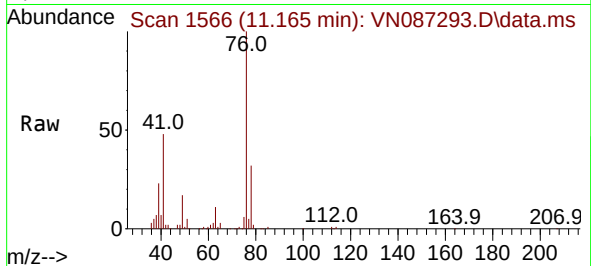
Tgt Ion: 69 Resp: 190107
Ion Ratio Lower Upper
69 100
41 54.5 44.2 66.4
39 36.5 29.5 44.3





#57
1,3-Dichloropropane
Concen: 49.031 ug/l
RT: 11.165 min Scan# 11165
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

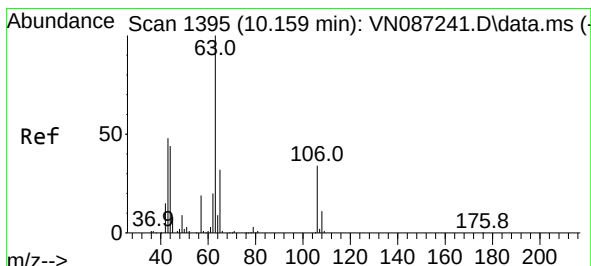
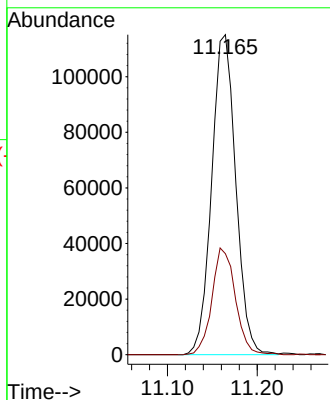
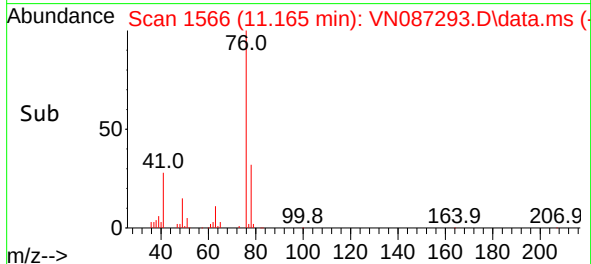
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 214909
Ion Ratio Lower Upper
76 100
78 32.3 27.1 40.7

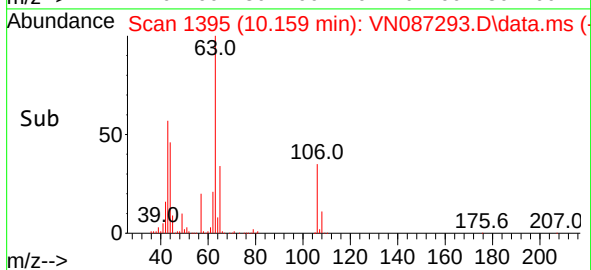
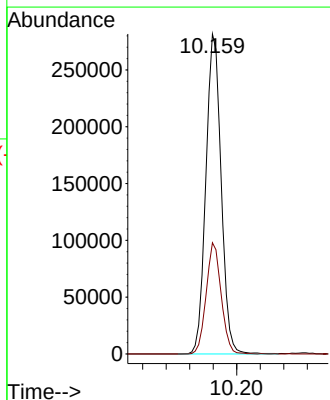
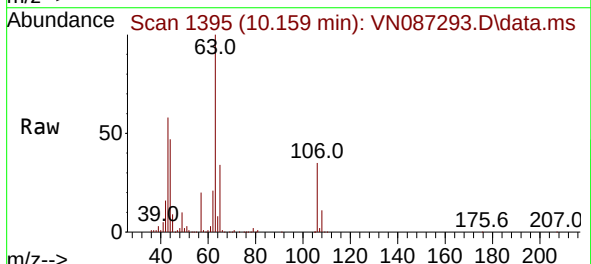
Manual Integrations
APPROVED

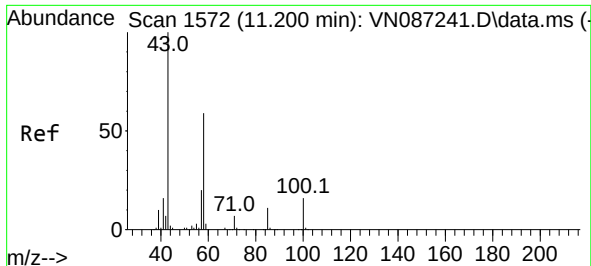
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#58
2-Chloroethyl Vinyl ether
Concen: 244.712 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

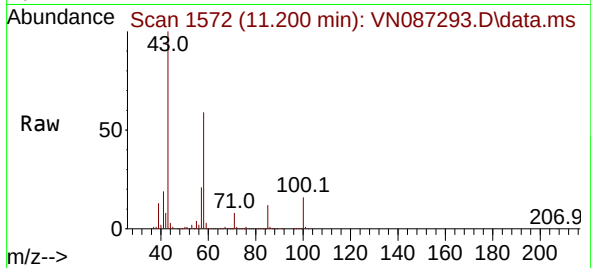
Tgt Ion: 63 Resp: 508876
Ion Ratio Lower Upper
63 100
106 34.0 26.9 40.3





#59
2-Hexanone
Concen: 238.495 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

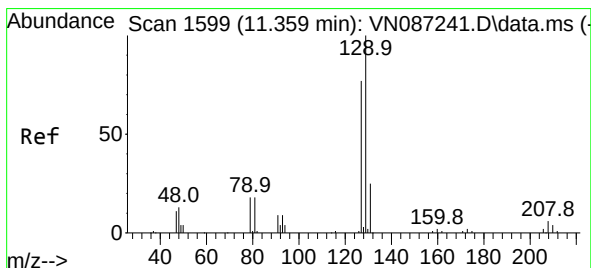
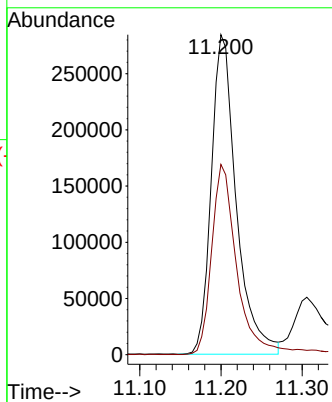
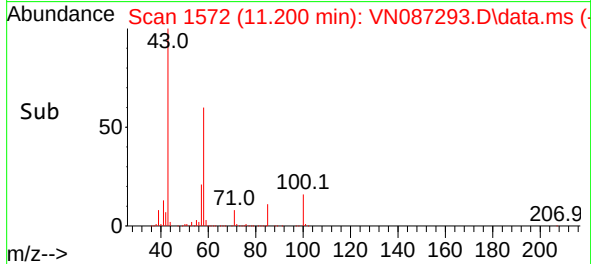
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 609700
Ion Ratio Lower Upper
43 100
58 61.3 31.1 93.3

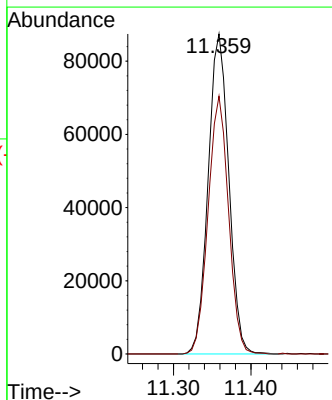
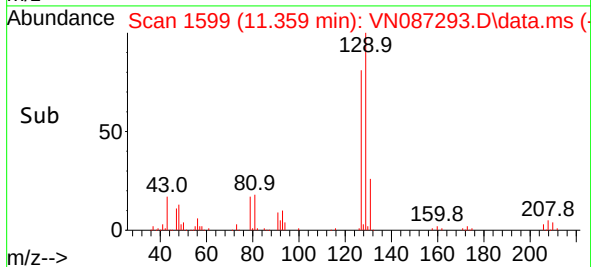
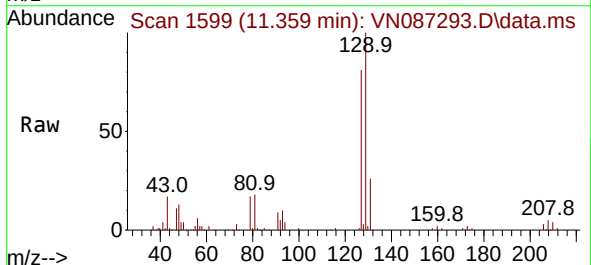
Manual Integrations
APPROVED

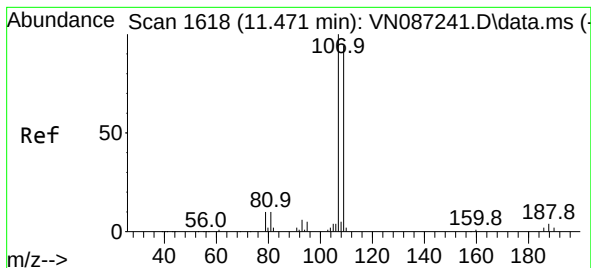
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#60
Dibromochloromethane
Concen: 51.090 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

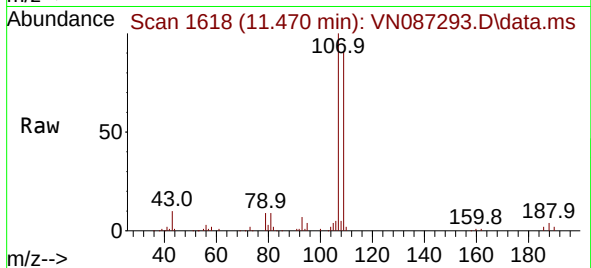
Tgt Ion:129 Resp: 161740
Ion Ratio Lower Upper
129 100
127 79.8 39.3 117.9





#61
1,2-Dibromoethane
Concen: 50.589 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

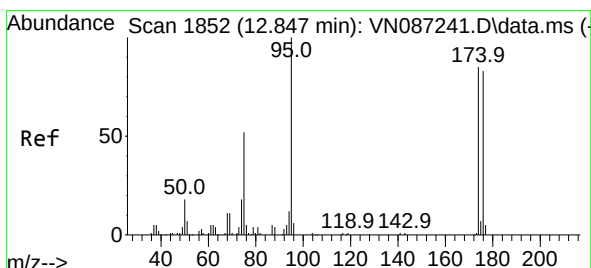
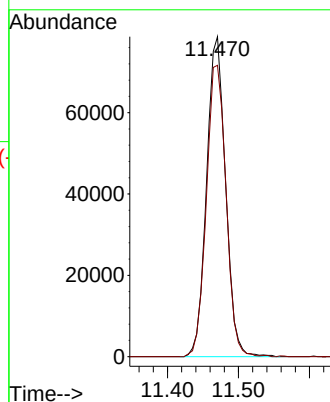
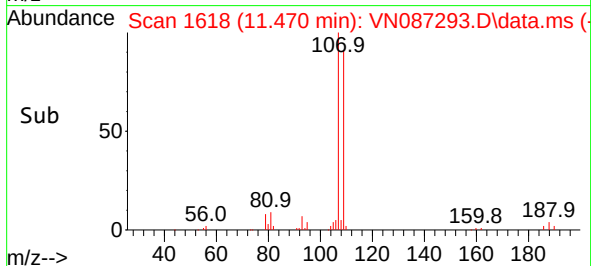
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



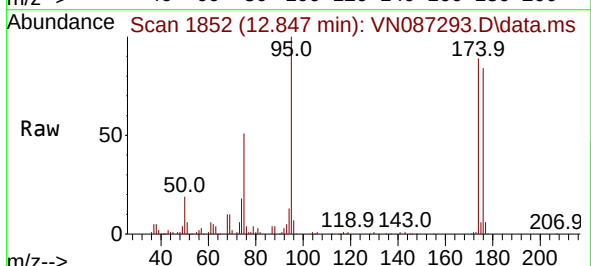
Tgt Ion:107 Resp: 14614
Ion Ratio Lower Upper
107 100
109 94.4 76.0 114.0

Manual Integrations
APPROVED

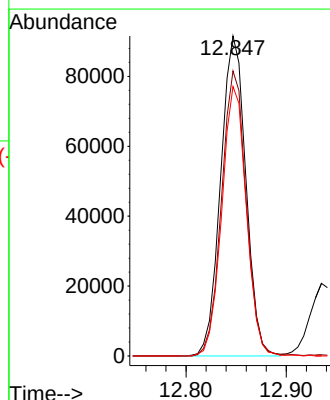
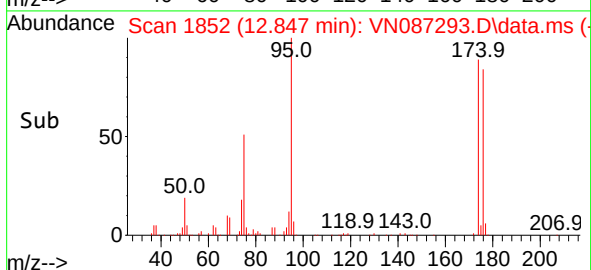
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

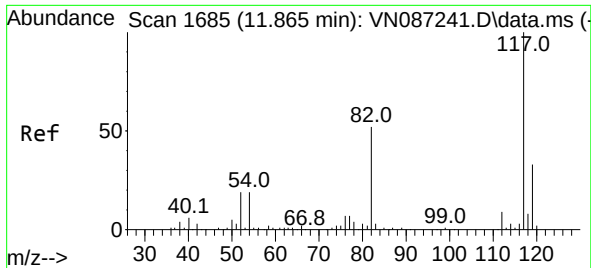


#62
4-Bromofluorobenzene
Concen: 44.640 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18



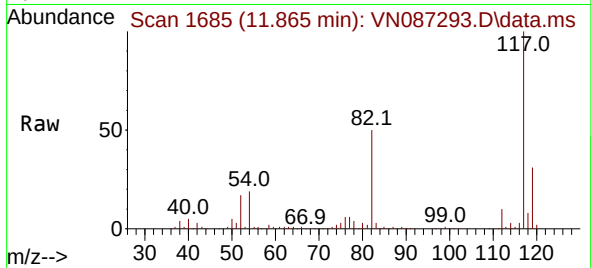
Tgt Ion: 95 Resp: 159294
Ion Ratio Lower Upper
95 100
174 87.3 0.0 169.6
176 82.0 0.0 161.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

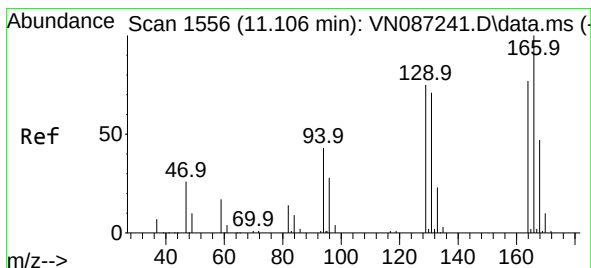
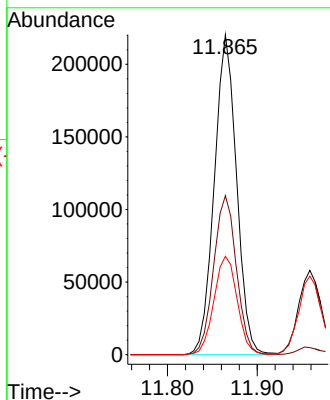
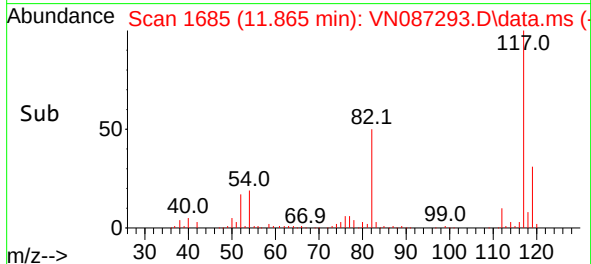
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 380138
Ion Ratio Lower Upper
117 100
82 49.7 41.9 62.9
119 30.8 26.2 39.4

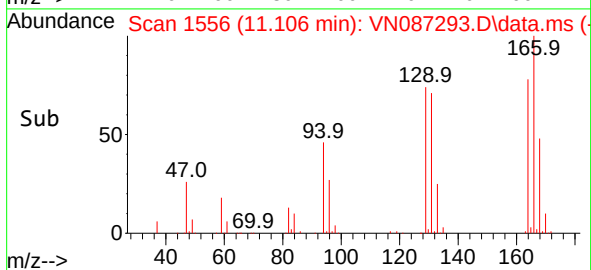
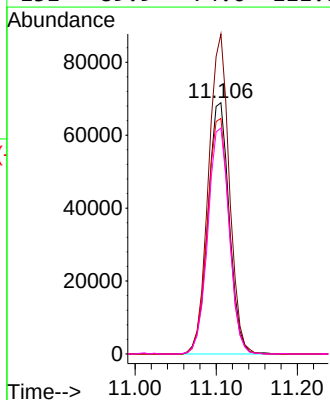
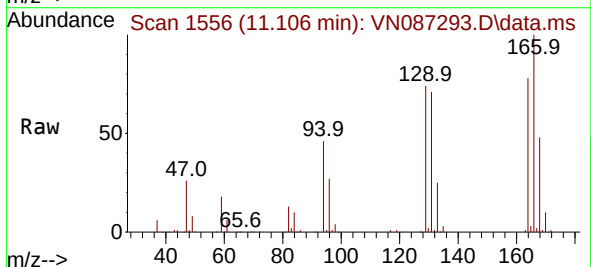
Manual Integrations
APPROVED

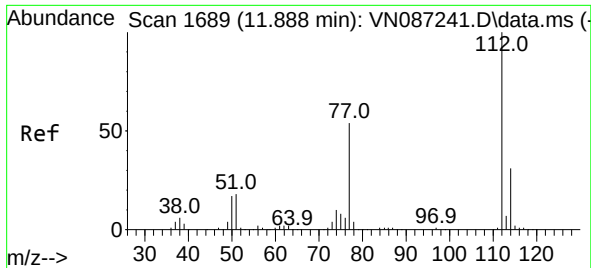
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#64
Tetrachloroethene
Concen: 49.680 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

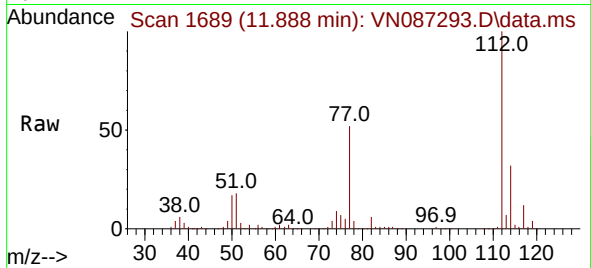
Tgt Ion:164 Resp: 125917
Ion Ratio Lower Upper
164 100
166 127.4 104.3 156.5
129 93.8 78.5 117.7
131 89.9 74.6 111.8





#65
Chlorobenzene
Concen: 48.746 ug/l
RT: 11.888 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

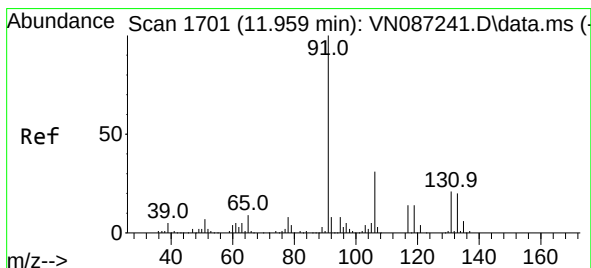
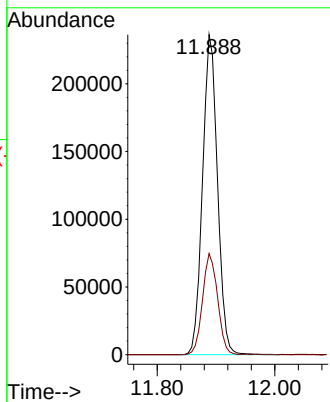
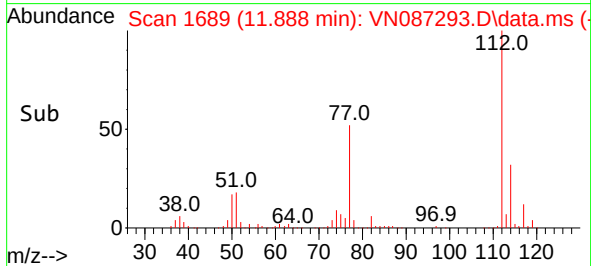
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 415792
Ion Ratio Lower Upper
112 100
114 31.6 24.4 36.6

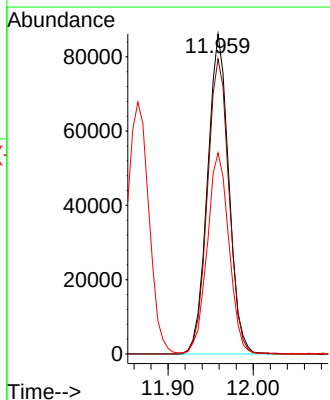
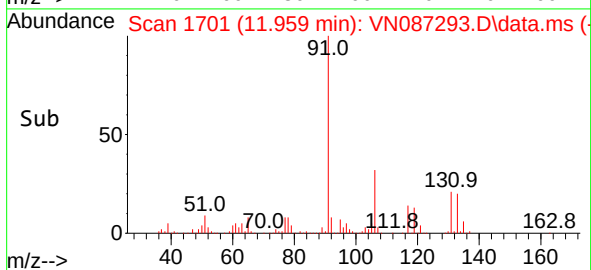
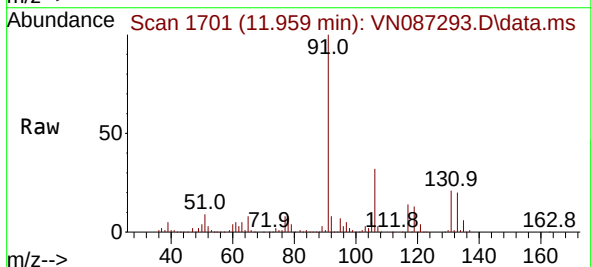
Manual Integrations
APPROVED

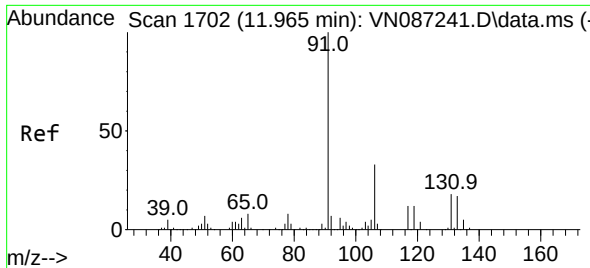
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 50.645 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

Tgt Ion:131 Resp: 149163
Ion Ratio Lower Upper
131 100
133 94.1 47.2 141.6
119 64.5 32.4 97.2





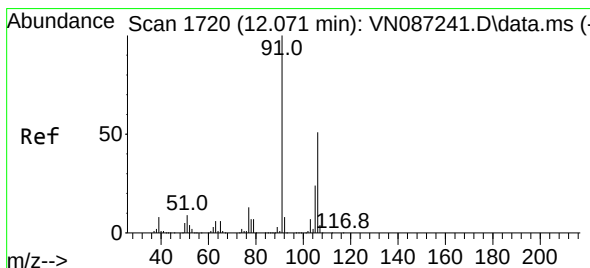
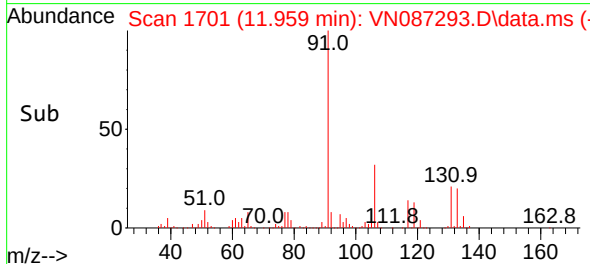
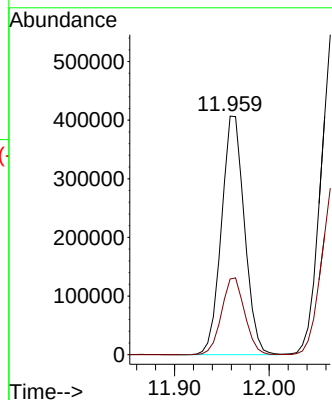
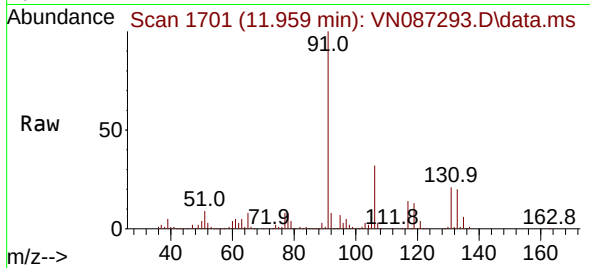
#67
Ethyl Benzene
Concen: 49.876 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 688408
Ion Ratio Lower Upper
91 100
106 31.7 26.2 39.4

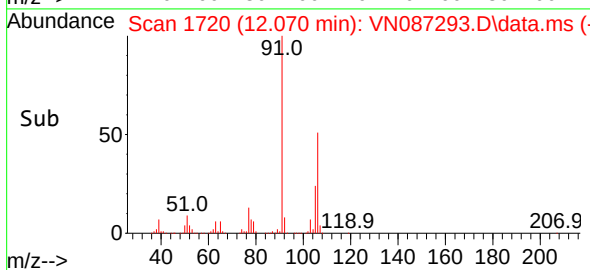
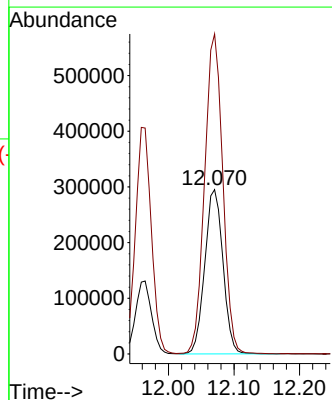
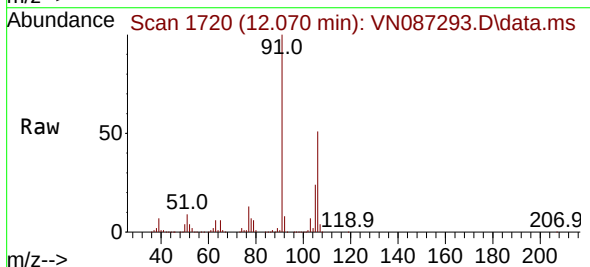
Manual Integrations
APPROVED

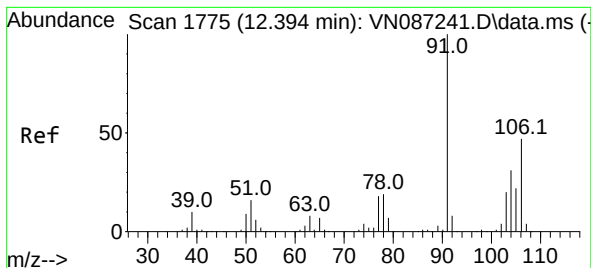
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#68
m/p-Xylenes
Concen: 103.163 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

Tgt Ion:106 Resp: 568895
Ion Ratio Lower Upper
106 100
91 194.5 158.2 237.2





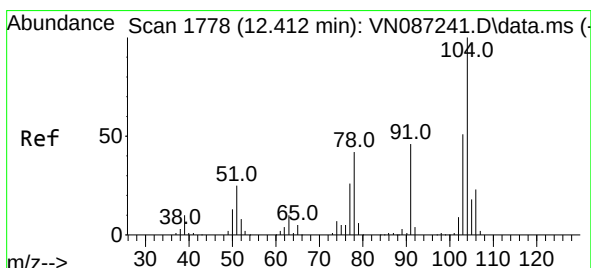
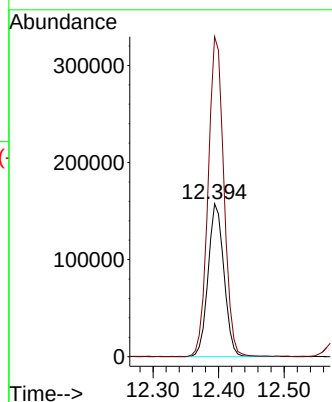
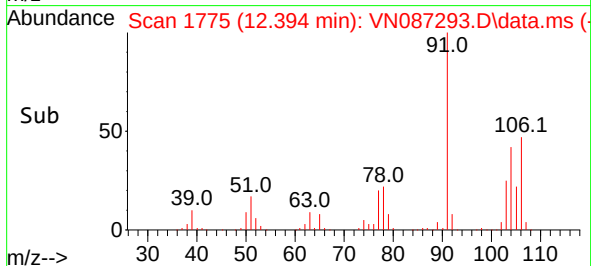
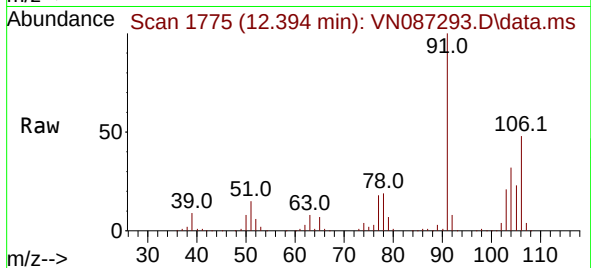
#69
o-Xylene
Concen: 51.424 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 265270
Ion Ratio Lower Upper
106 100
91 207.3 105.4 316.1

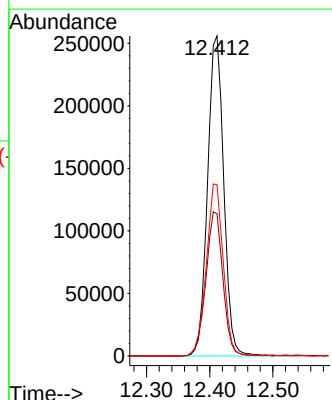
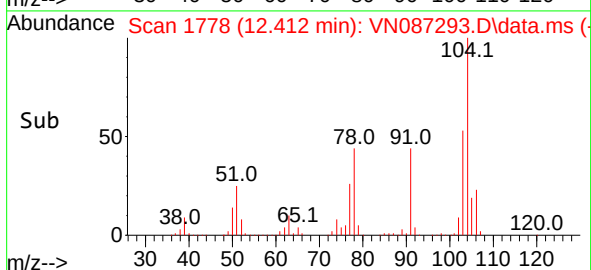
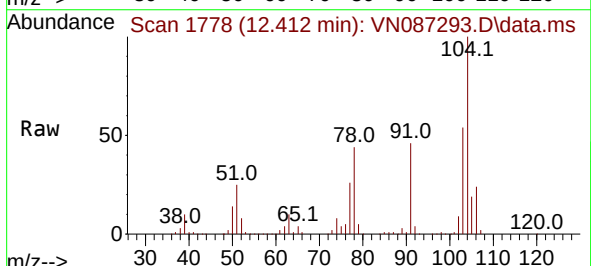
Manual Integrations
APPROVED

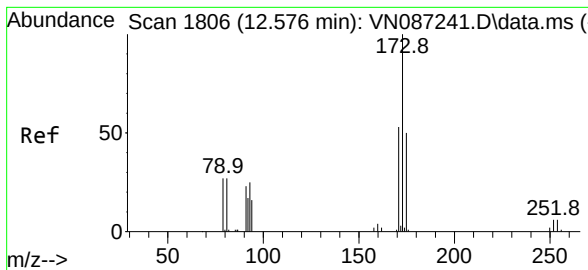
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#70
Styrene
Concen: 51.933 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

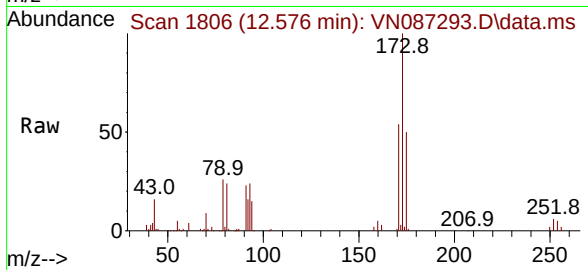
Tgt Ion:104 Resp: 455285
Ion Ratio Lower Upper
104 100
78 47.4 37.6 56.4
103 56.2 44.0 66.0





#71
Bromoform
Concen: 52.430 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

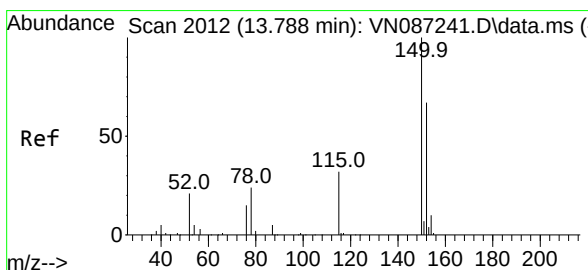
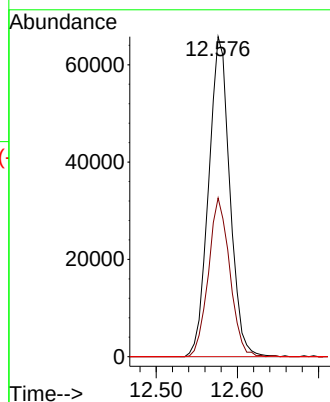
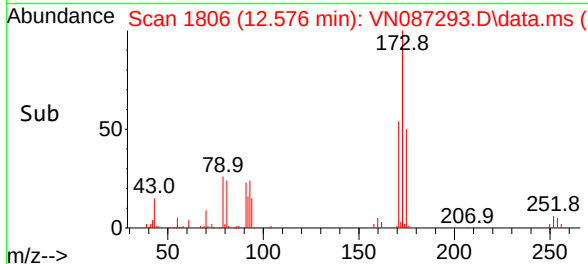
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



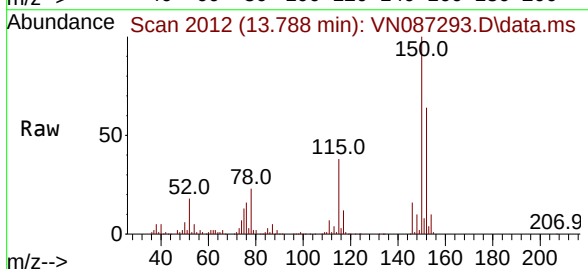
Tgt Ion:173 Resp: 119134
Ion Ratio Lower Upper
173 100
175 49.9 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

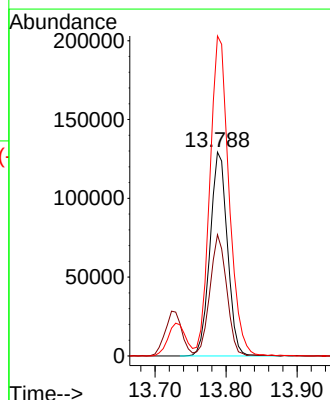
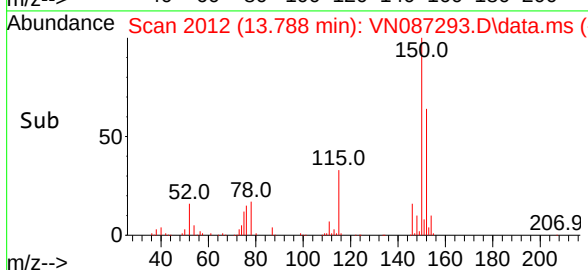
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

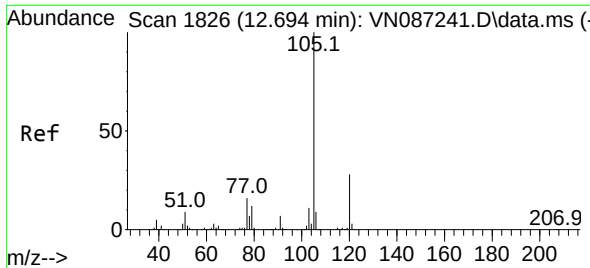


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18



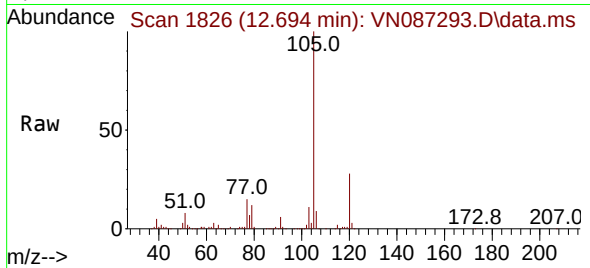
Tgt Ion:152 Resp: 220134
Ion Ratio Lower Upper
152 100
115 57.0 28.3 84.9
150 172.6 0.0 344.6





#73
Isopropylbenzene
Concen: 47.654 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

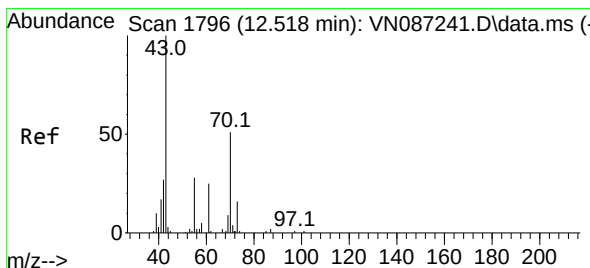
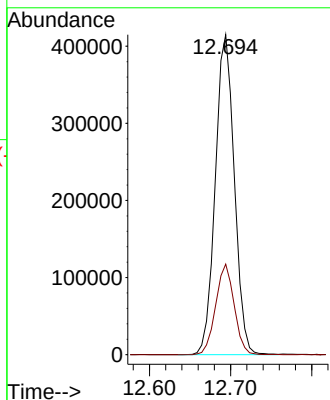
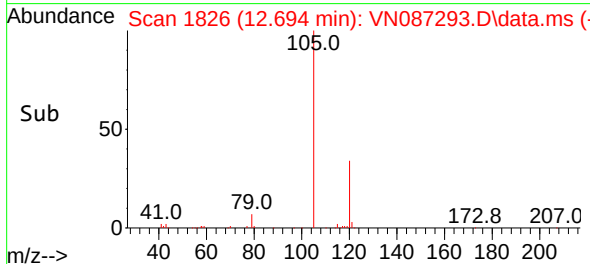
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



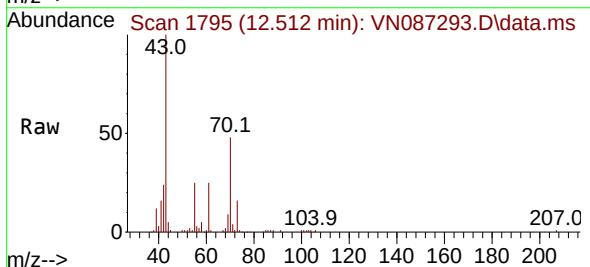
Tgt Ion:105 Resp: 675924
Ion Ratio Lower Upper
105 100
120 27.5 13.9 41.6

Manual Integrations
APPROVED

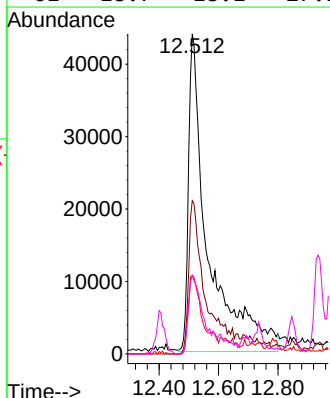
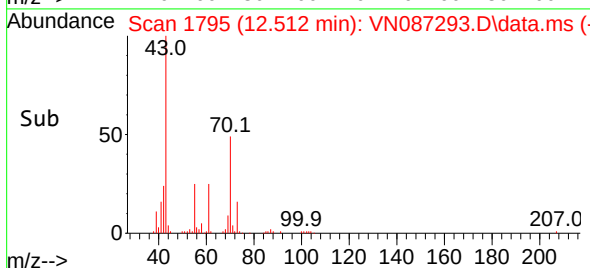
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

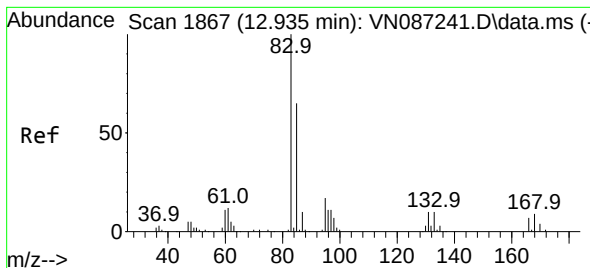


#74
N-ethyl acetate
Concen: 42.969 ug/l m
RT: 12.512 min Scan# 1795
Delta R.T. -0.006 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18



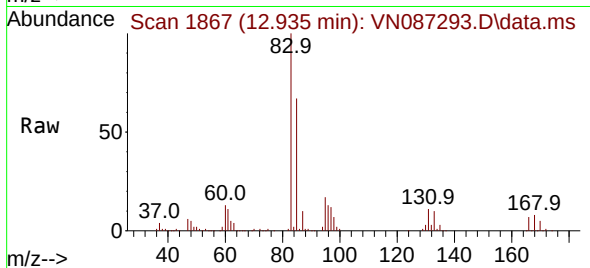
Tgt Ion: 43 Resp: 200427
Ion Ratio Lower Upper
43 100
70 42.0 29.2 43.8
55 16.3 17.0 25.4#
61 18.7 18.1 27.1





#75
1,1,2,2-Tetrachloroethane
Concen: 44.954 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

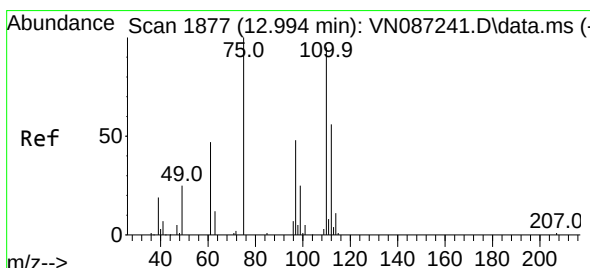
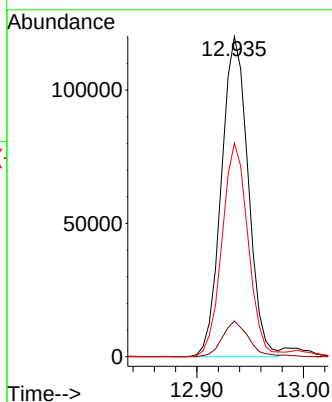
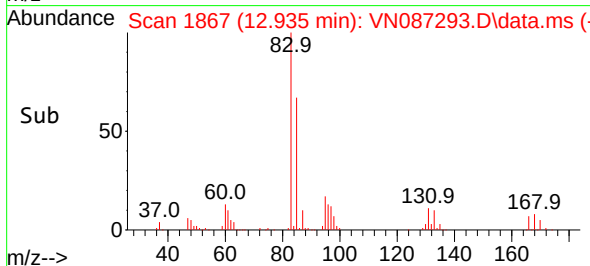
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 20973
Ion Ratio Lower Upper
83 100
131 11.0 5.3 15.9
85 65.2 32.2 96.6

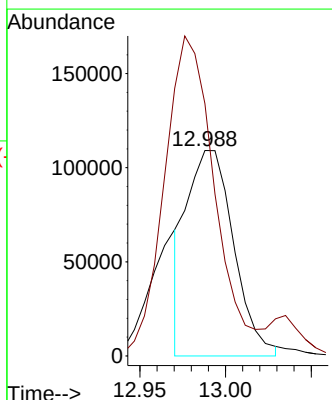
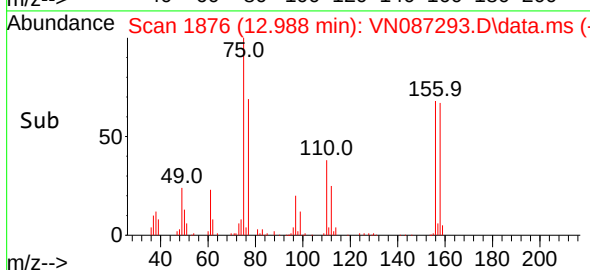
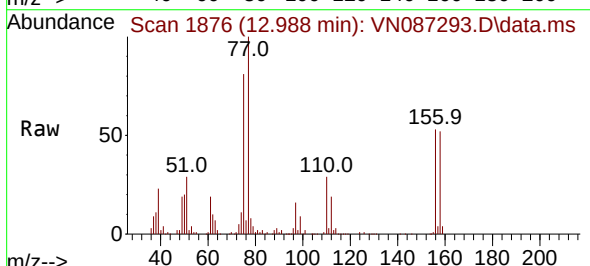
Manual Integrations
APPROVED

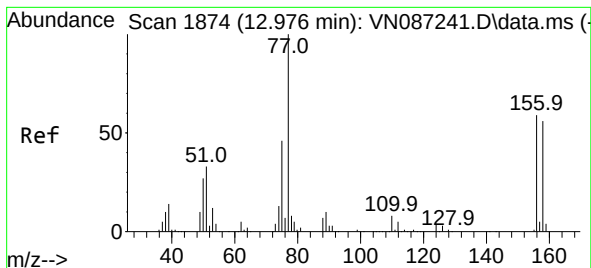
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#76
1,2,3-Trichloropropane
Concen: 49.455 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

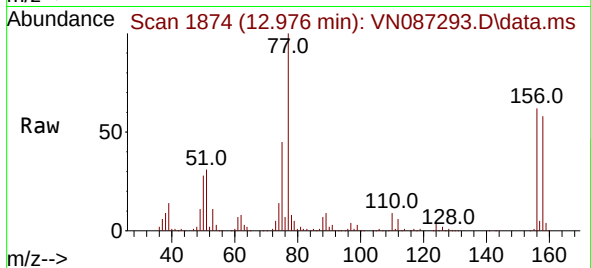
Tgt Ion: 75 Resp: 207072
Ion Ratio Lower Upper
75 100
77 166.6 82.0 245.8





#77
Bromobenzene
Concen: 48.396 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

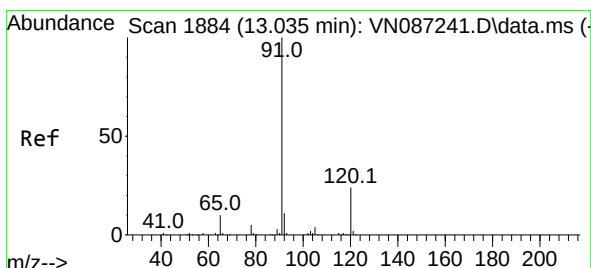
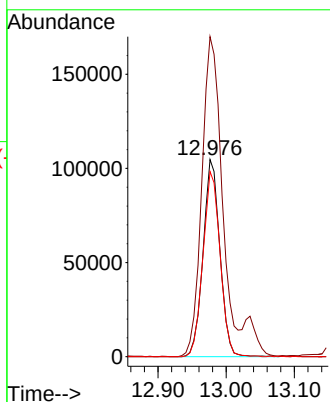
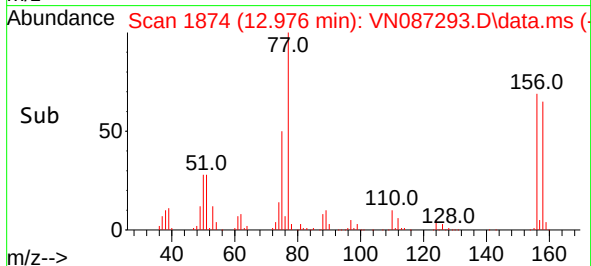
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 17919
Ion Ratio Lower Upper
156 100
77 192.6 98.0 294.1
158 95.9 47.7 143.1

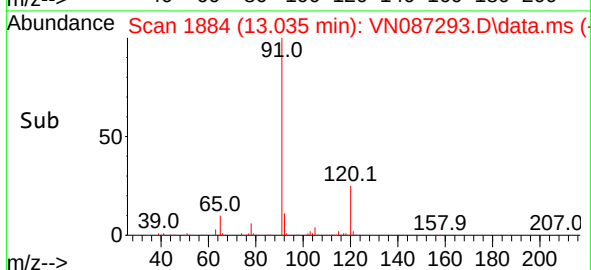
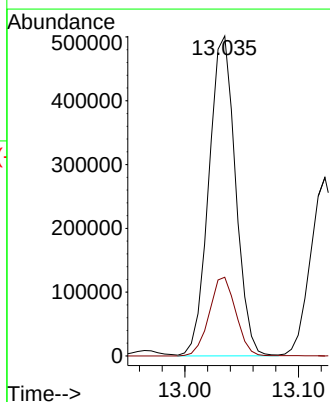
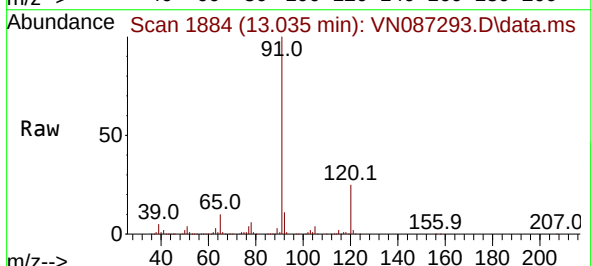
Manual Integrations
APPROVED

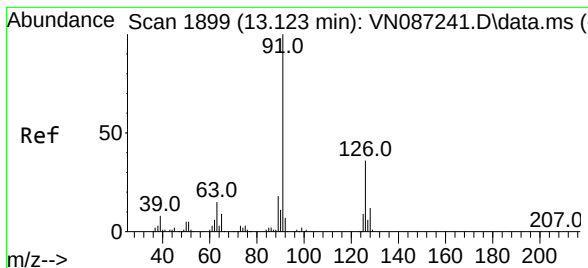
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#78
n-propylbenzene
Concen: 47.758 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

Tgt Ion: 91 Resp: 818262
Ion Ratio Lower Upper
91 100
120 24.5 12.0 36.0





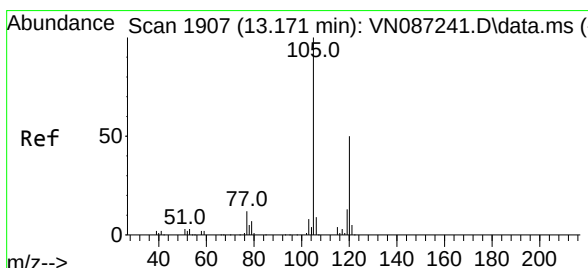
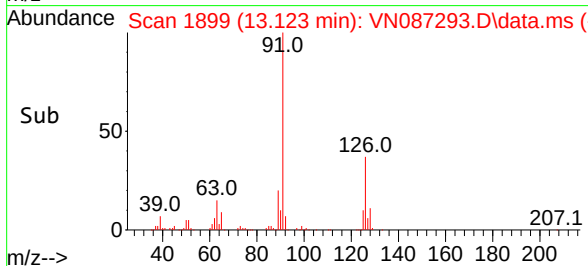
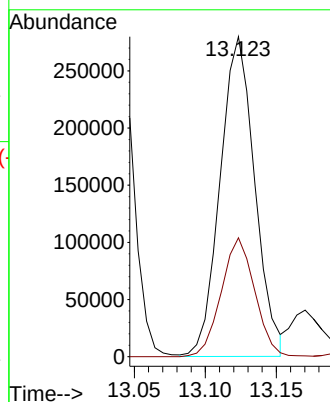
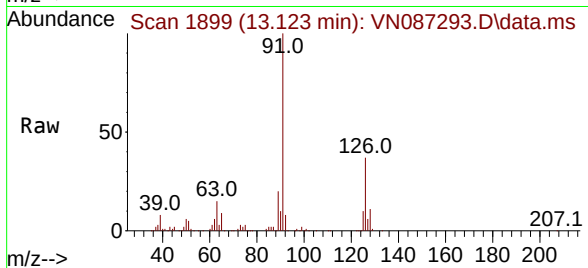
#79
2-Chlorotoluene
Concen: 46.614 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 475307
Ion Ratio Lower Upper
91 100
126 36.0 17.8 53.3

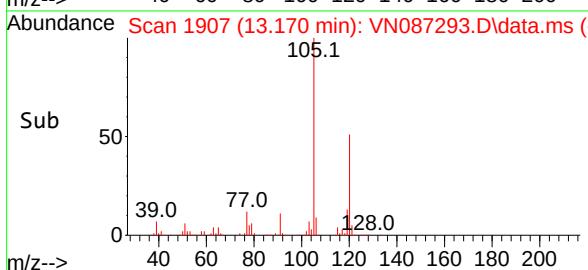
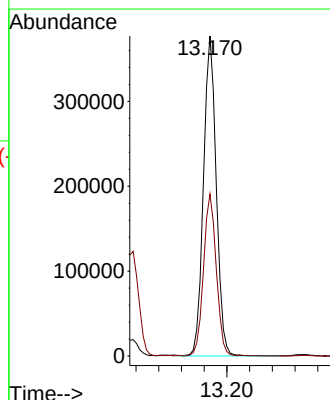
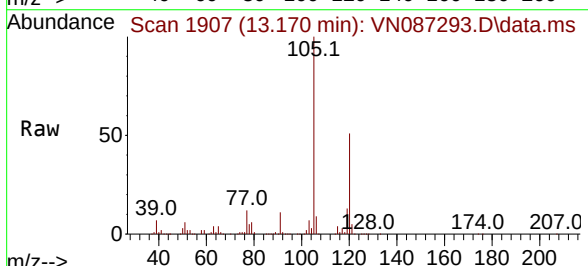
Manual Integrations
APPROVED

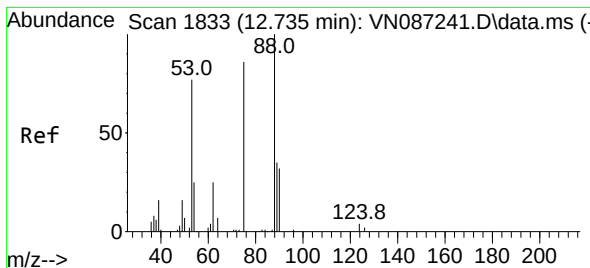
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.690 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

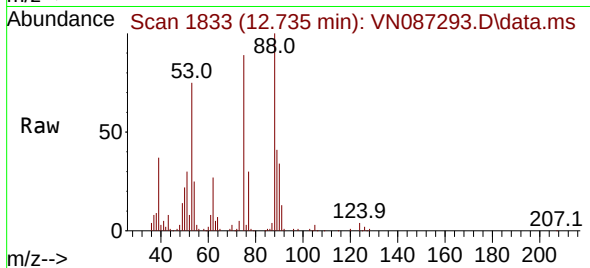
Tgt Ion:105 Resp: 589119
Ion Ratio Lower Upper
105 100
120 50.5 25.3 75.8





#81
trans-1,4-Dichloro-2-butene
Concen: 44.383 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

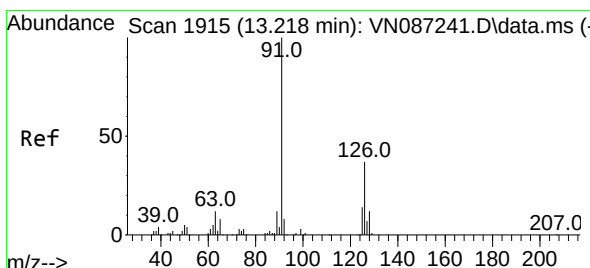
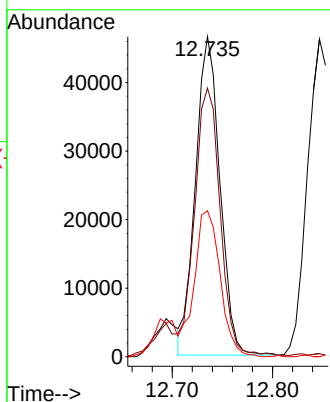
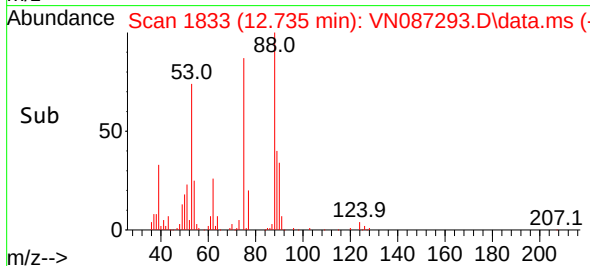
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



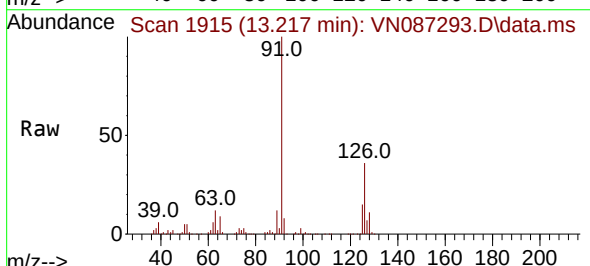
Tgt Ion: 75 Resp: 79110
Ion Ratio Lower Upper
75 100
53 88.3 70.6 105.8
89 48.6 36.1 54.1

Manual Integrations
APPROVED

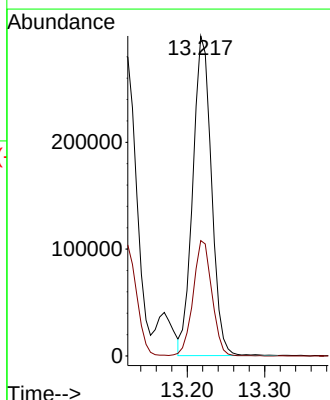
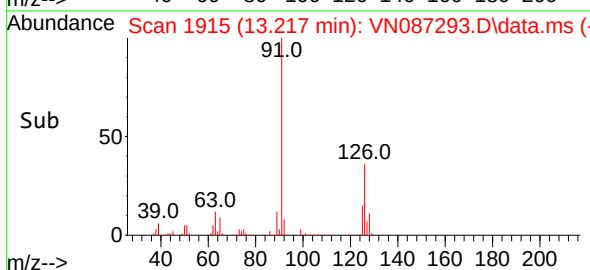
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

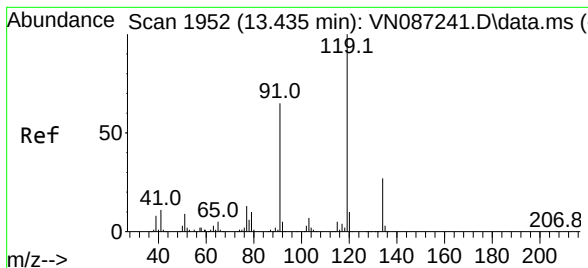


#82
4-Chlorotoluene
Concen: 46.750 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.001 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18



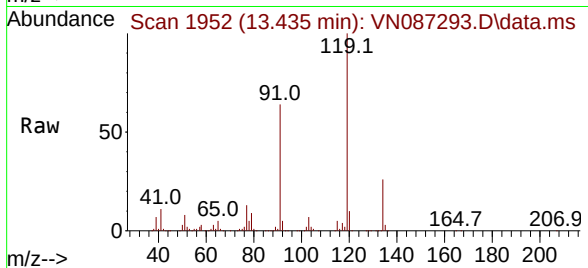
Tgt Ion: 91 Resp: 499009
Ion Ratio Lower Upper
91 100
126 36.5 18.2 54.6





#83
tert-Butylbenzene
Concen: 47.826 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

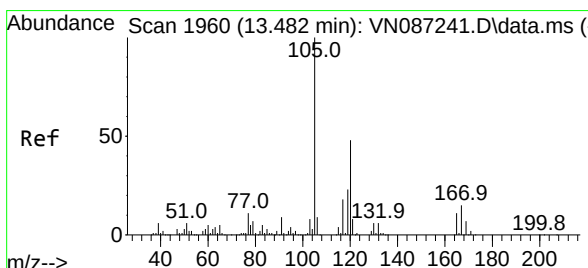
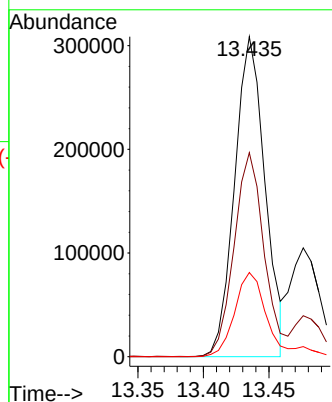
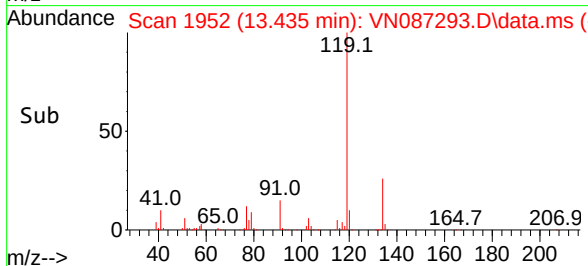
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



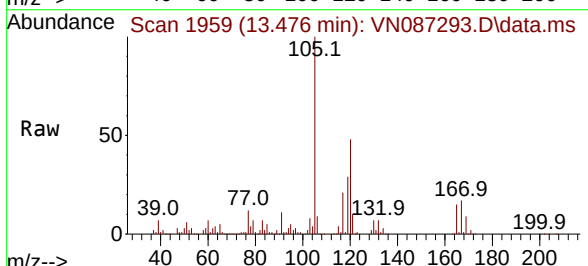
Tgt Ion:119 Resp: 496783
Ion Ratio Lower Upper
119 100
91 63.5 32.5 97.4
134 28.8 14.2 42.8

Manual Integrations
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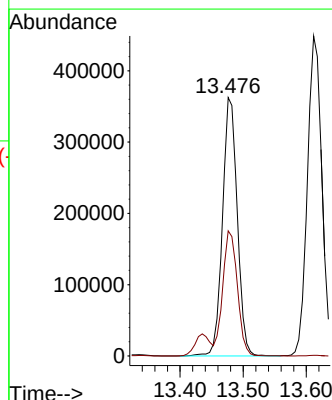
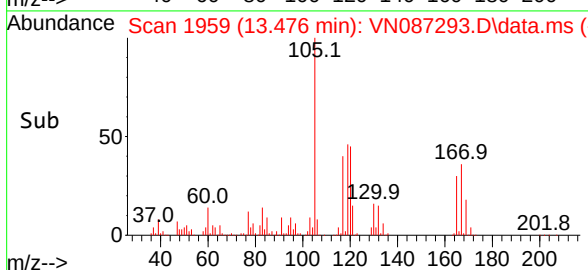
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

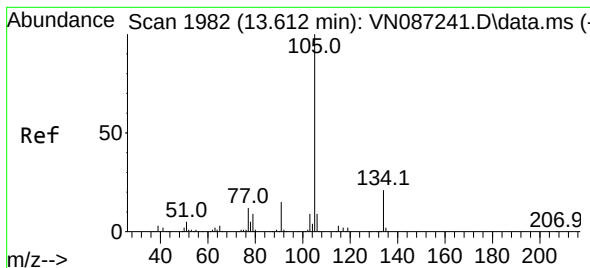


#84
1,2,4-Trimethylbenzene
Concen: 49.717 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18



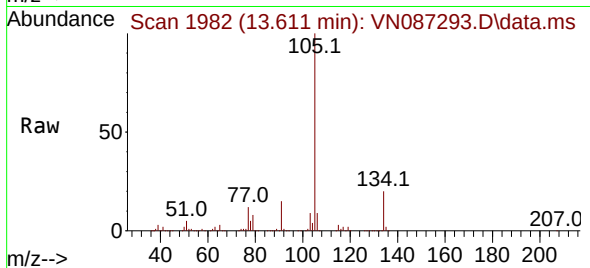
Tgt Ion:105 Resp: 590462
Ion Ratio Lower Upper
105 100
120 47.9 23.3 69.9





#85
 sec-Butylbenzene
 Concen: 48.576 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN087293.D
 Acq: 07 Jul 2025 16:18

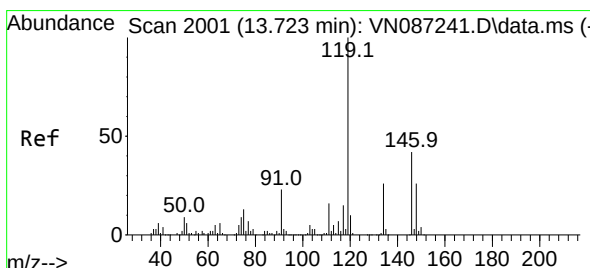
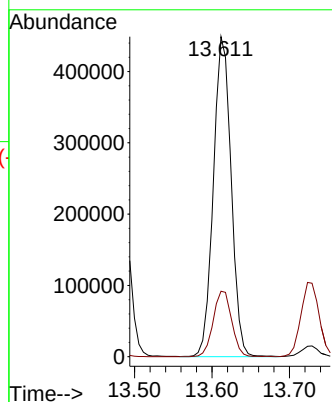
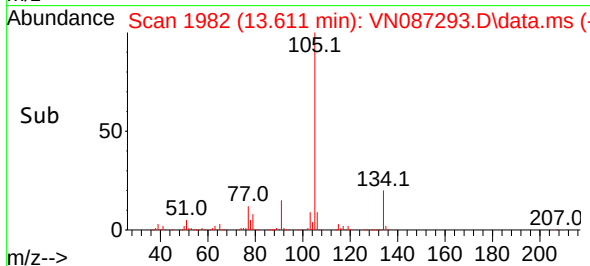
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



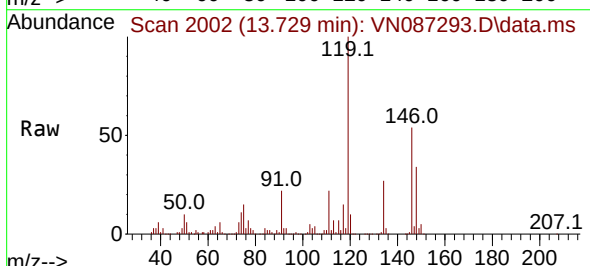
Tgt Ion:105 Resp: 715215
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.4 31.4

Manual Integrations
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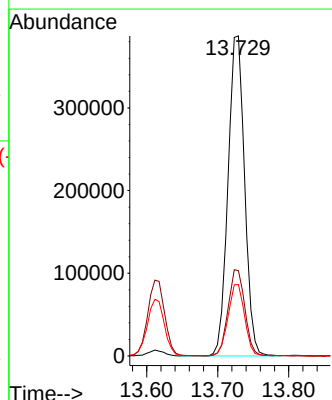
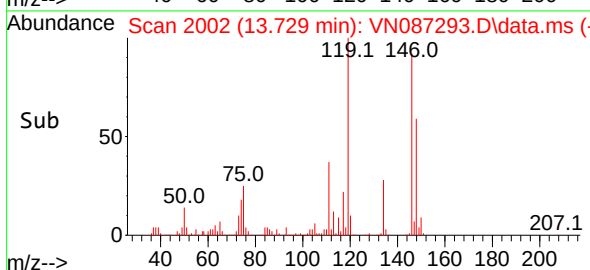
Reviewed By :John Carlone 07/08/2025
 Supervised By :Mahesh Dadoda 07/08/2025

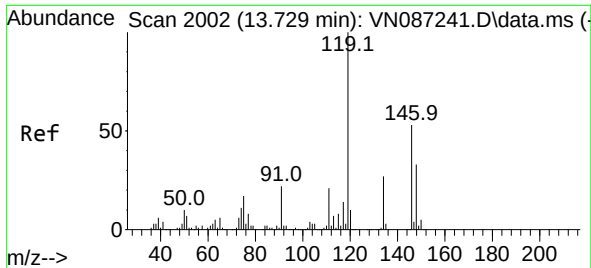


#86
 p-Isopropyltoluene
 Concen: 49.611 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN087293.D
 Acq: 07 Jul 2025 16:18



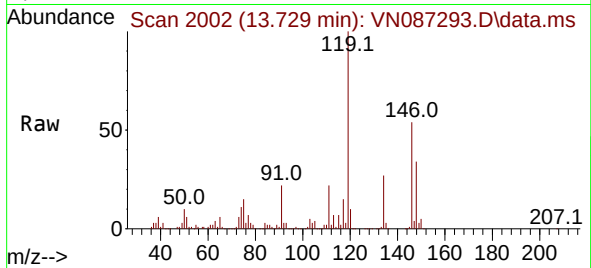
Tgt Ion:119 Resp: 627880
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.3 39.8
 91 22.2 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 47.798 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

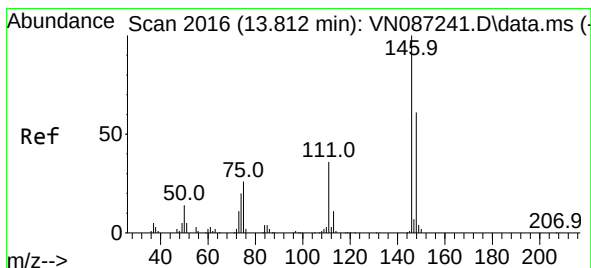
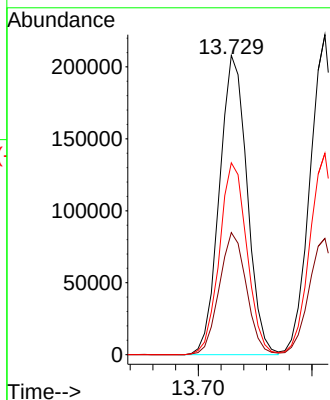
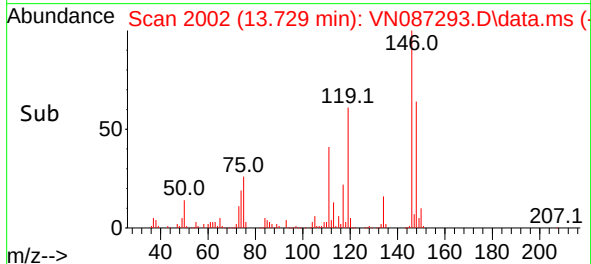
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



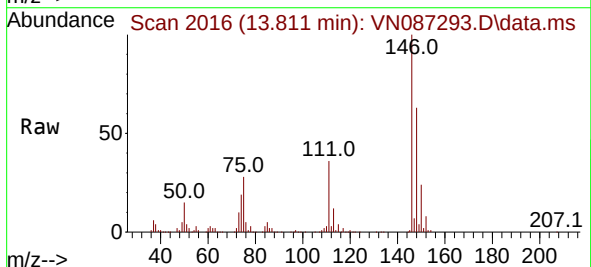
Tgt Ion:146 Resp: 35244
Ion Ratio Lower Upper
146 100
111 40.0 19.8 59.4
148 63.6 32.0 96.0

Manual Integrations
APPROVED

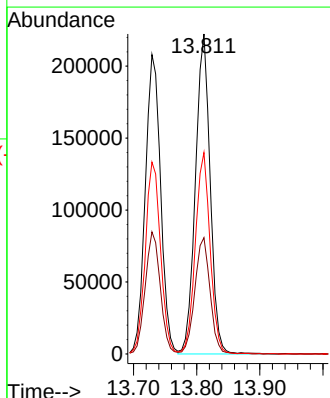
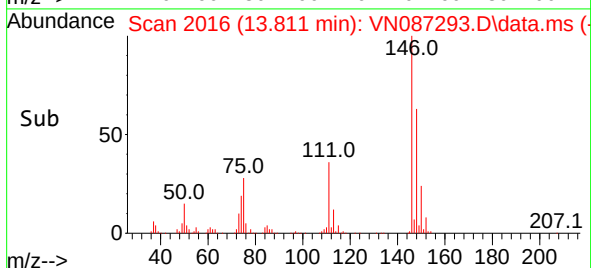
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025

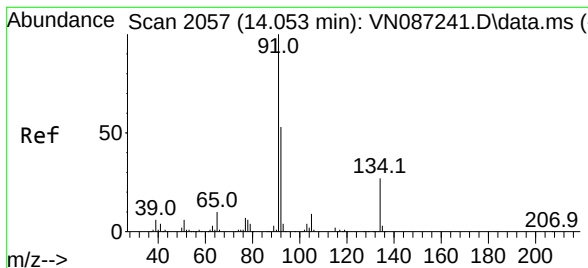


#88
1,4-Dichlorobenzene
Concen: 46.782 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18



Tgt Ion:146 Resp: 360182
Ion Ratio Lower Upper
146 100
111 37.2 19.1 57.5
148 62.6 31.8 95.3





#89

n-Butylbenzene

Concen: 46.932 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN087293.D

Acq: 07 Jul 2025 16:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

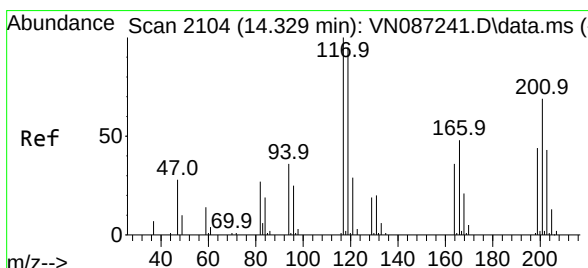
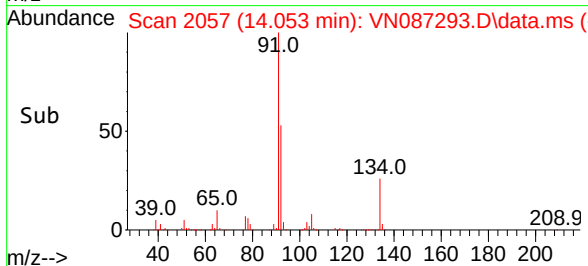
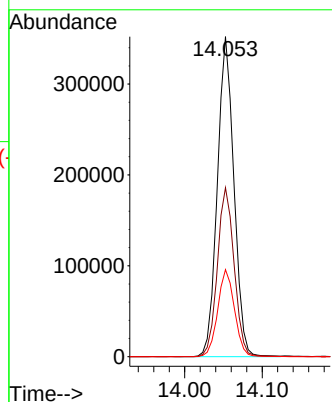
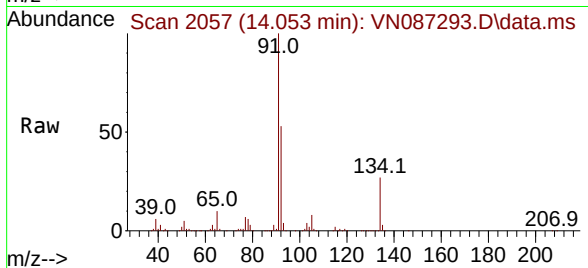
Tgt Ion: 91	Resp: 52295
Ion Ratio	Lower Upper
91	100
92	53.6 26.7 80.0
134	27.6 13.7 41.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2025

Supervised By :Mahesh Dadoda 07/08/2025



#90

Hexachloroethane

Concen: 47.273 ug/l

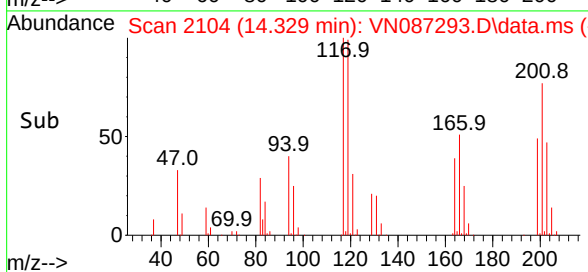
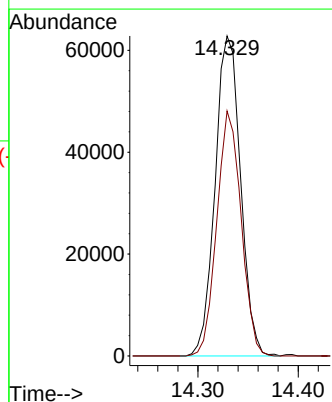
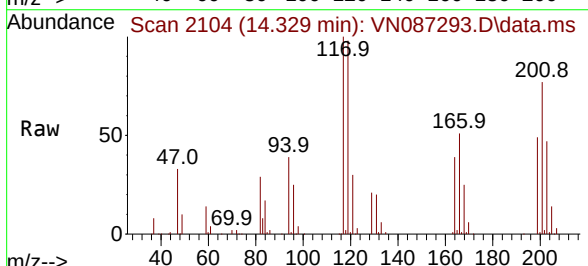
RT: 14.329 min Scan# 2104

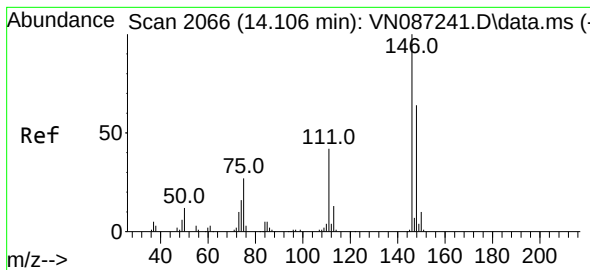
Delta R.T. -0.000 min

Lab File: VN087293.D

Acq: 07 Jul 2025 16:18

Tgt Ion: 117	Resp: 110743
Ion Ratio	Lower Upper
117	100
201	73.1 35.8 107.4





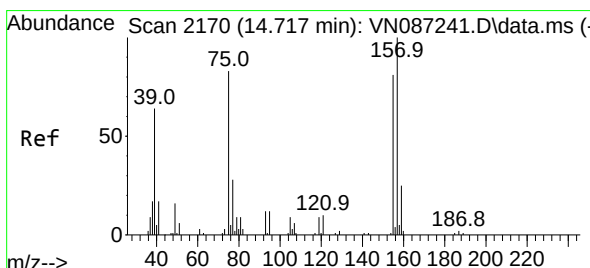
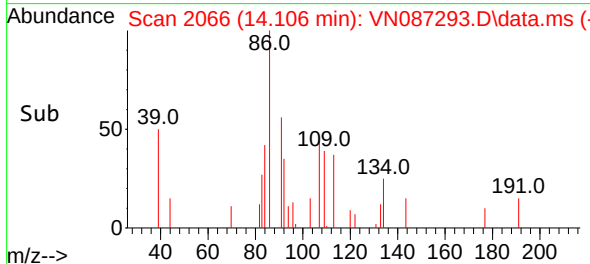
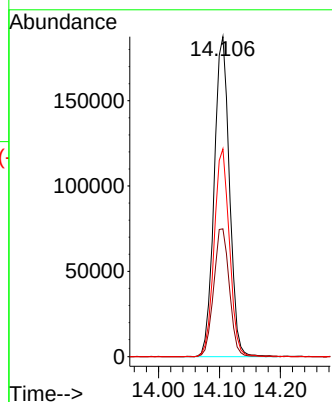
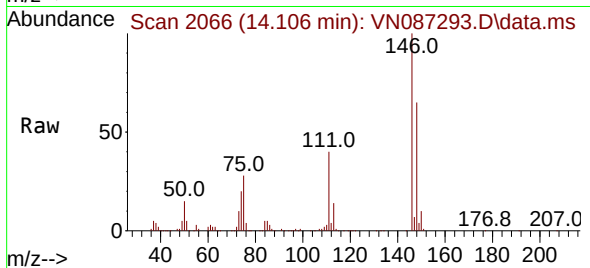
#91
1,2-Dichlorobenzene
Concen: 47.334 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 32642
Ion Ratio Lower Upper
146 100
111 41.0 20.5 61.6
148 64.8 31.4 94.3

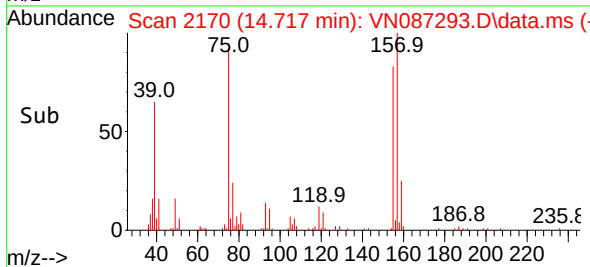
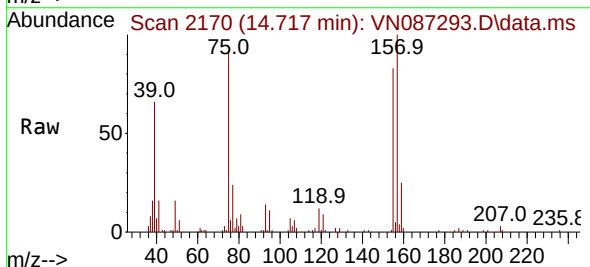
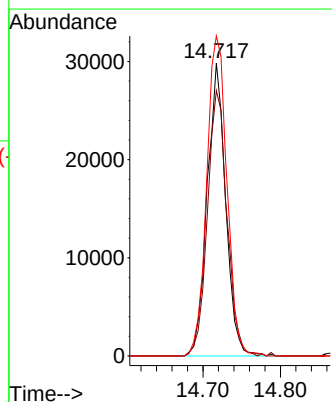
Manual Integrations
APPROVED

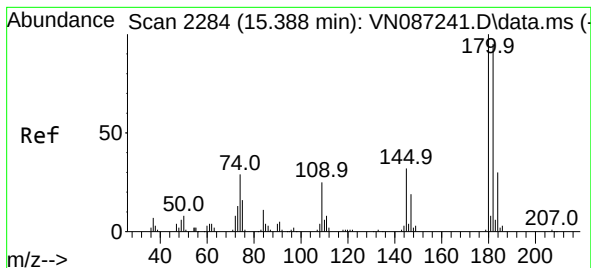
Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.157 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

Tgt Ion: 75 Resp: 49509
Ion Ratio Lower Upper
75 100
155 95.4 46.8 140.3
157 119.3 58.1 174.4





#93

1,2,4-Trichlorobenzene

Concen: 45.841 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087293.D

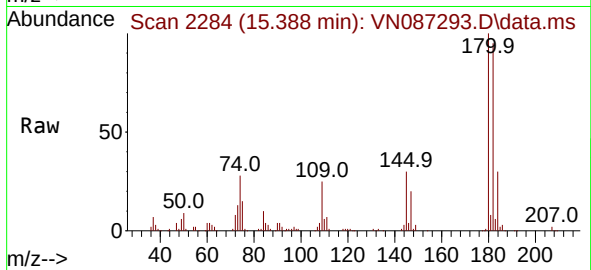
Acq: 07 Jul 2025 16:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 186940

Ion Ratio Lower Upper

180 100

182 94.3 48.0 144.0

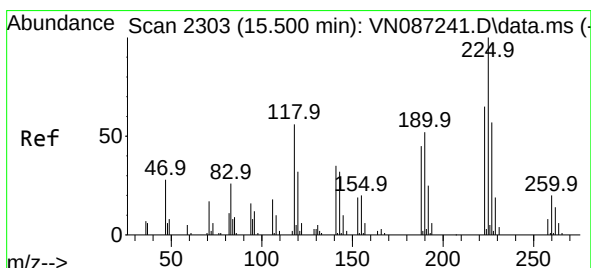
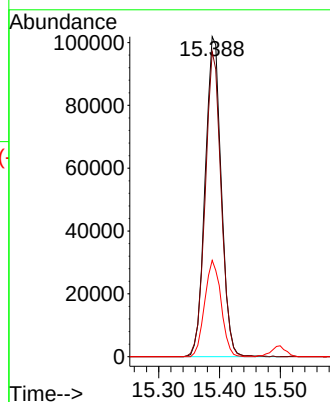
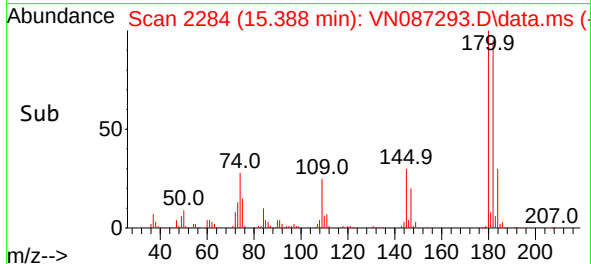
145 30.7 15.4 46.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/08/2025

Supervised By :Mahesh Dadoda 07/08/2025



#94

Hexachlorobutadiene

Concen: 38.993 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN087293.D

Acq: 07 Jul 2025 16:18

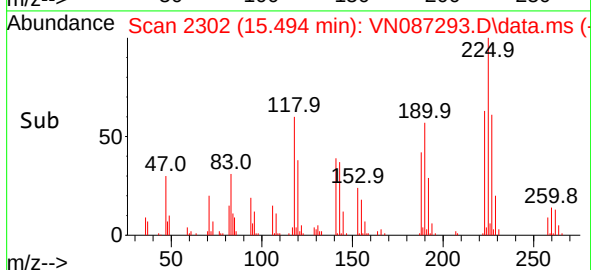
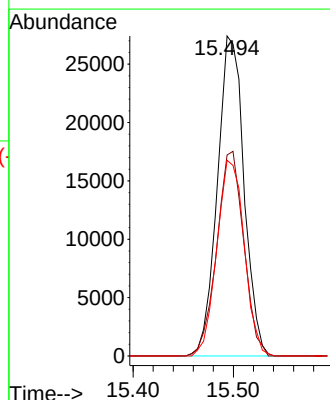
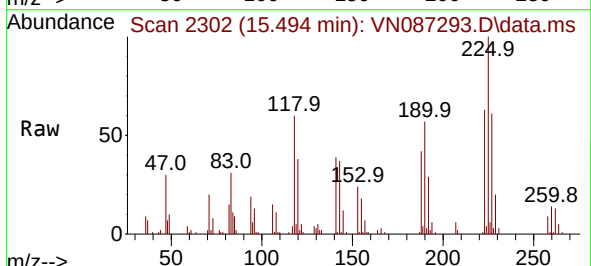
Tgt Ion:225 Resp: 50512

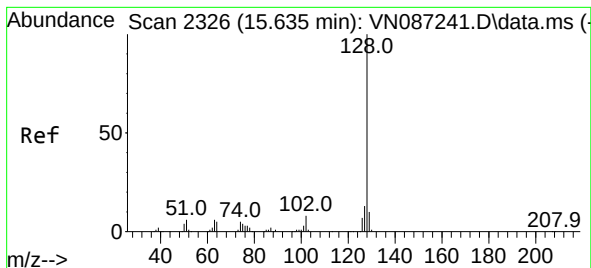
Ion Ratio Lower Upper

225 100

223 64.7 33.5 100.4

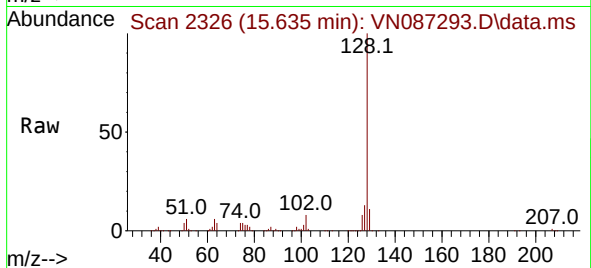
227 62.8 30.9 92.7





#95
Naphthalene
Concen: 46.056 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

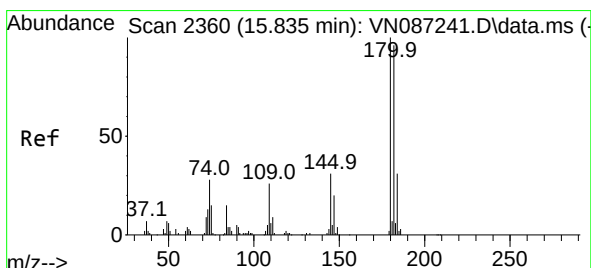
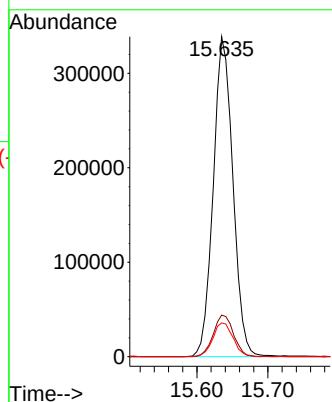
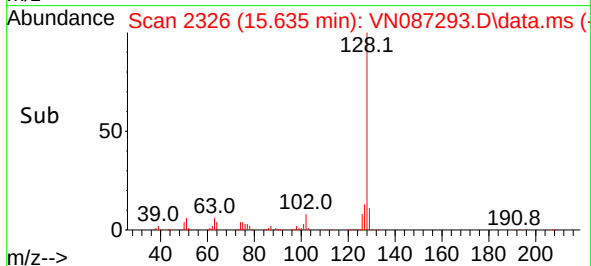
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 649799
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/08/2025
Supervised By :Mahesh Dadoda 07/08/2025



#96
1,2,3-Trichlorobenzene
Concen: 45.621 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN087293.D
Acq: 07 Jul 2025 16:18

Tgt Ion:180 Resp: 181252
Ion Ratio Lower Upper
180 100
182 96.2 47.7 143.1
145 32.1 15.7 47.1

