

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041725\
 Data File : VN086329.D
 Acq On : 17 Apr 2025 18:07
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/18/2025
 Supervised By : Mahesh Dadoda 04/18/2025

Quant Time: Apr 18 01:33:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	134818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	252196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	222106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	103805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	100008	51.155	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.320%			
35) Dibromofluoromethane	8.165	113	61283	52.357	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.720%			
50) Toluene-d8	10.565	98	315615	50.453	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.900%			
62) 4-Bromofluorobenzene	12.847	95	117080	51.313	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	69703	43.614	ug/l	99
3) Chloromethane	2.359	50	100203	43.141	ug/l	99
4) Vinyl Chloride	2.518	62	92319	41.651	ug/l	98
5) Bromomethane	2.953	94	47411	47.554	ug/l	96
6) Chloroethane	3.124	64	60316	40.660	ug/l	96
7) Trichlorofluoromethane	3.501	101	105060	42.791	ug/l	94
8) Diethyl Ether	3.959	74	44210	41.247	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	62123	41.827	ug/l	98
10) Methyl Iodide	4.595	142	81028	49.622	ug/l	96
11) Tert butyl alcohol	5.518	59	70461	197.534	ug/l	100
12) 1,1-Dichloroethene	4.342	96	66595	41.968	ug/l	97
13) Acrolein	4.183	56	39851	238.920	ug/l	97
14) Allyl chloride	5.018	41	109393	38.781	ug/l	99
15) Acrylonitrile	5.718	53	187835	213.017	ug/l	100
16) Acetone	4.424	43	146004	215.214	ug/l	96
17) Carbon Disulfide	4.712	76	184680	38.870	ug/l	97
18) Methyl Acetate	5.024	43	91725	39.086	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	233268	39.992	ug/l	98
20) Methylene Chloride	5.271	84	78310	43.329	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	70582	42.546	ug/l	94
22) Diisopropyl ether	6.671	45	233331	38.024	ug/l	97
23) Vinyl Acetate	6.600	43	944173	220.107	ug/l	99
24) 1,1-Dichloroethane	6.565	63	133830	41.335	ug/l	98
25) 2-Butanone	7.477	43	241901	198.789	ug/l	98
26) 2,2-Dichloropropane	7.483	77	112946	38.961	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	87037	42.271	ug/l	97
28) Bromochloromethane	7.812	49	59610	43.422	ug/l	94
29) Tetrahydrofuran	7.835	42	156294	192.071	ug/l	98
30) Chloroform	7.965	83	134594	42.318	ug/l	98
31) Cyclohexane	8.253	56	120039	37.888	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	114120	41.943	ug/l	100
36) 1,1-Dichloropropene	8.365	75	95905	41.023	ug/l	100
37) Ethyl Acetate	7.553	43	94357	38.337	ug/l	99
38) Carbon Tetrachloride	8.359	117	94233	42.326	ug/l	98
39) Methylcyclohexane	9.600	83	110941	39.925	ug/l	98
40) Benzene	8.600	78	310750	41.487	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	56481	39.595	ug/l	98
42) 1,2-Dichloroethane	8.665	62	100711	42.163	ug/l	99
43) Isopropyl Acetate	8.688	43	173966	38.851	ug/l	98
44) Trichloroethene	9.347	130	75503	42.529	ug/l	98
45) 1,2-Dichloropropane	9.618	63	74406	40.581	ug/l	97
46) Dibromomethane	9.706	93	51213	43.839	ug/l	98
47) Bromodichloromethane	9.882	83	106042	42.028	ug/l	98
48) Methyl methacrylate	9.677	41	81877	37.881	ug/l	98
49) 1,4-Dioxane	9.694	88	31036	844.171	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	490587	194.651	ug/l	98
52) Toluene	10.629	92	196124	41.963	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	117341	41.662	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	124479	40.239	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	71491	42.515	ug/l	96
56) Ethyl methacrylate	10.871	69	124383	40.241	ug/l	98
57) 1,3-Dichloropropane	11.159	76	126226	42.308	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	213846	145.763	ug/l	98
59) 2-Hexanone	11.188	43	364379	194.916	ug/l	100
60) Dibromochloromethane	11.359	129	77594	42.022	ug/l	98
61) 1,2-Dibromoethane	11.465	107	73686	43.428	ug/l	98
64) Tetrachloroethene	11.100	164	75597	44.249	ug/l	98
65) Chlorobenzene	11.888	112	208116	41.987	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	70107	42.874	ug/l	100
67) Ethyl Benzene	11.959	91	373730	41.784	ug/l	99
68) m/p-Xylenes	12.071	106	283321	84.537	ug/l	98
69) o-Xylene	12.394	106	141822	42.790	ug/l	98
70) Styrene	12.406	104	238372	43.164	ug/l	100
71) Bromoform	12.576	173	51269	41.644	ug/l #	99
73) Isopropylbenzene	12.694	105	342842	40.375	ug/l	99
74) N-amyl acetate	12.488	43	143869	34.033	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	96808	39.650	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	106525m	43.486	ug/l	
77) Bromobenzene	12.976	156	81116	43.113	ug/l	96
78) n-propylbenzene	13.029	91	404018	40.377	ug/l	100
79) 2-Chlorotoluene	13.123	91	257044	41.053	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	283175	40.745	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	43630	42.775	ug/l	87
82) 4-Chlorotoluene	13.217	91	255499	41.079	ug/l	99
83) tert-Butylbenzene	13.435	119	241577	40.115	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	287860	40.690	ug/l	100
85) sec-Butylbenzene	13.612	105	336010	40.226	ug/l	99
86) p-Isopropyltoluene	13.723	119	279323	40.570	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	150966	42.683	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	148864	41.787	ug/l	99
89) n-Butylbenzene	14.053	91	240107	39.345	ug/l	99
90) Hexachloroethane	14.329	117	44847	38.725	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	144859	42.244	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	18924	38.440	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	64507	39.285	ug/l	99
94) Hexachlorobutadiene	15.494	225	24197	39.038	ug/l	99
95) Naphthalene	15.635	128	233407	40.100	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	60374	38.837	ug/l	97

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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

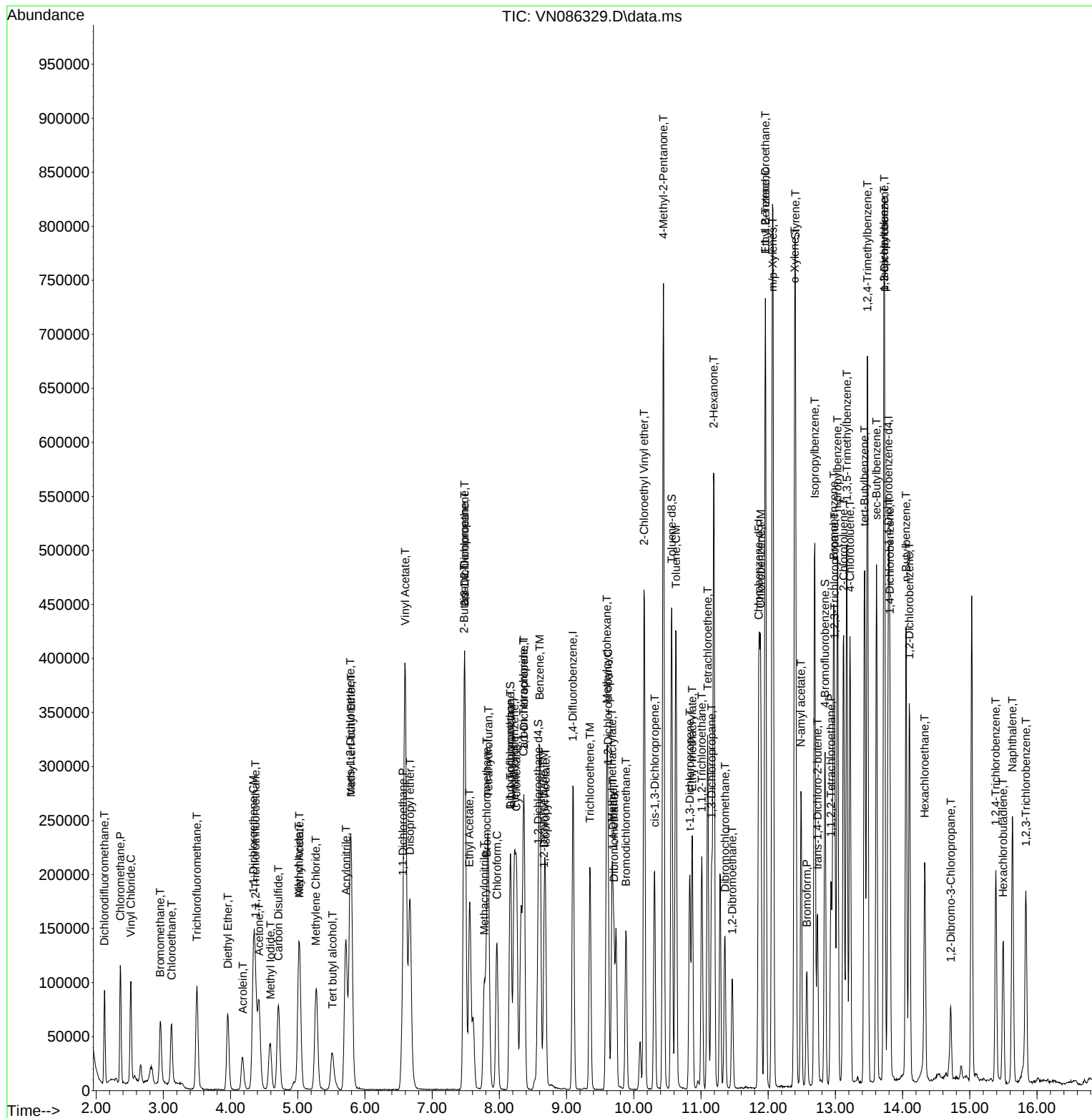
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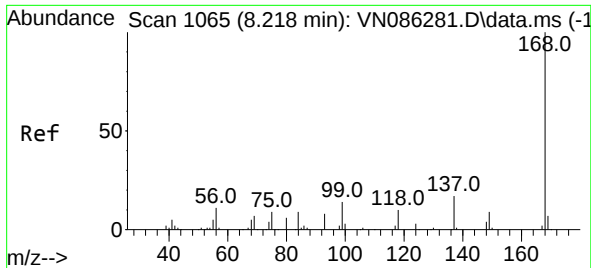
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086329.D
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Instrument :

MSVOA_N

ClientSampleId :

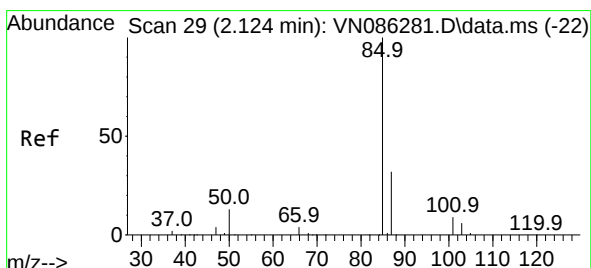
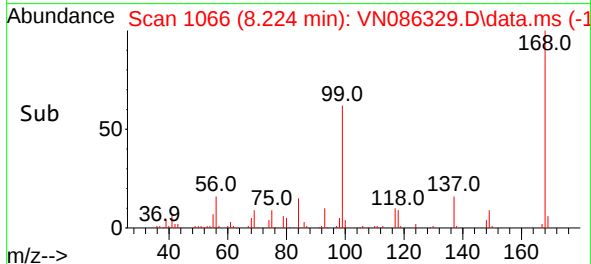
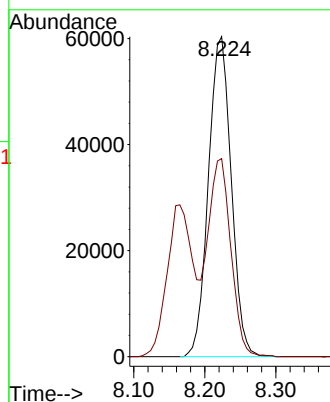
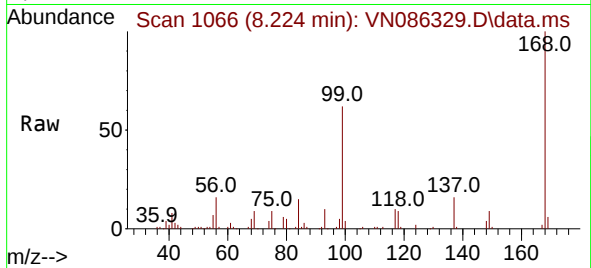
VSTDCCC050EC

Tgt Ion:168 Resp: 134818
Ion Ratio Lower Upper
168 100
99 61.9 52.5 78.7

Manual Integrations

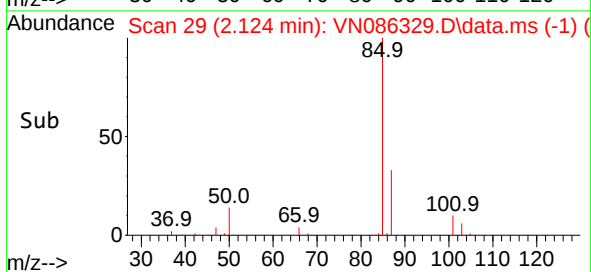
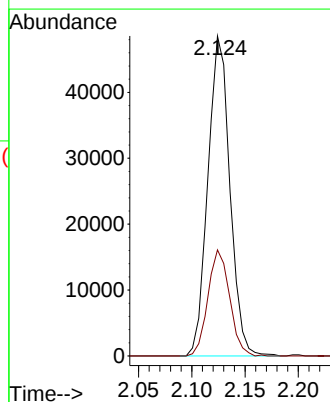
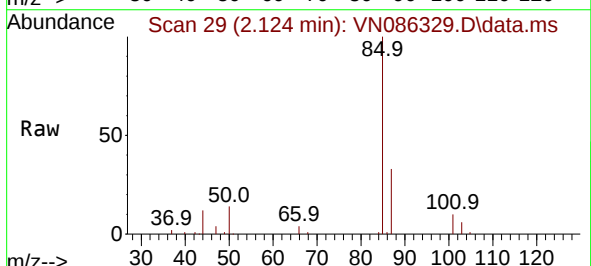
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#2
Dichlorodifluoromethane
Concen: 43.614 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

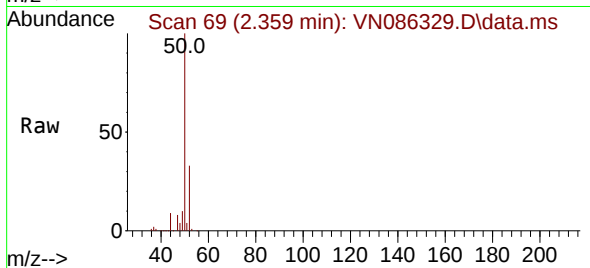
Tgt Ion: 85 Resp: 69703
Ion Ratio Lower Upper
85 100
87 33.2 16.3 48.8





#3
Chloromethane
Concen: 43.141 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

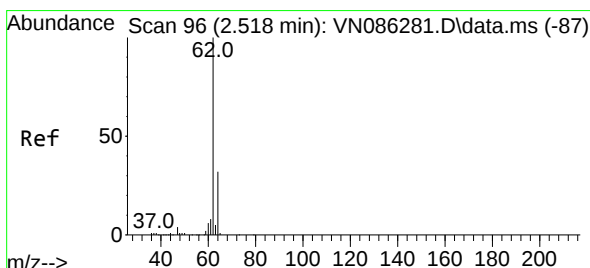
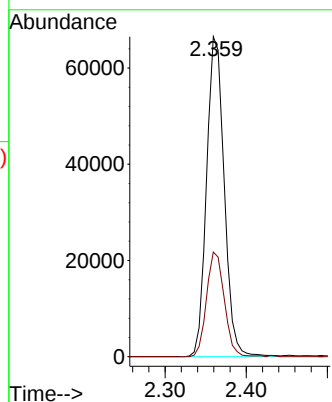
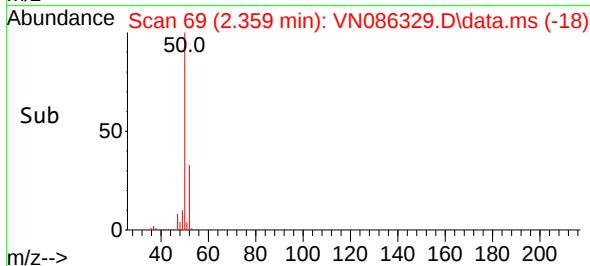
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 10020
Ion Ratio Lower Upper
50 100
52 32.7 26.5 39.7

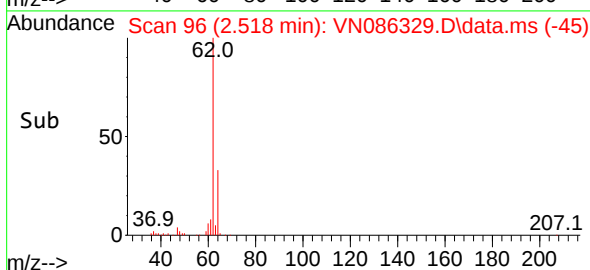
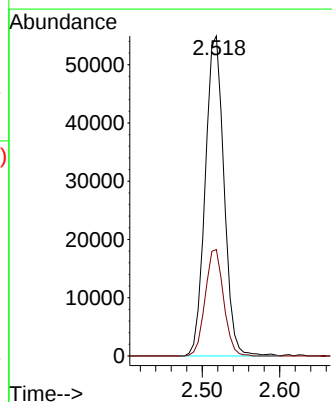
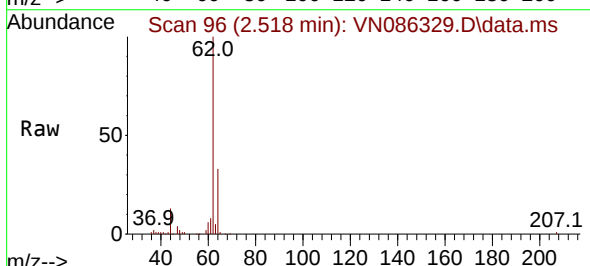
Manual Integrations
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#4
Vinyl Chloride
Concen: 41.651 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

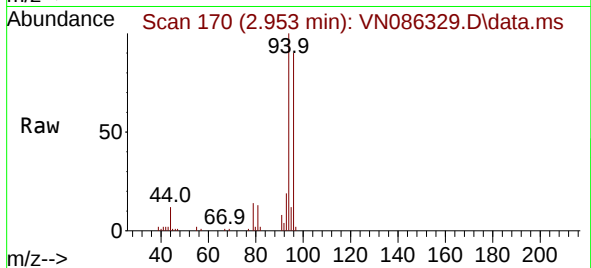
Tgt Ion: 62 Resp: 92319
Ion Ratio Lower Upper
62 100
64 33.3 25.6 38.4





#5
Bromomethane
Concen: 47.554 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

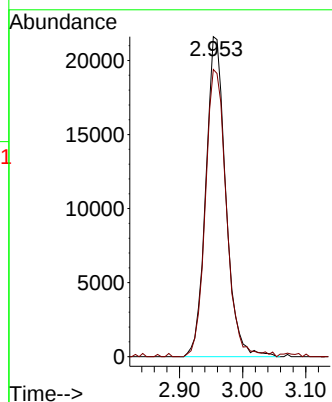
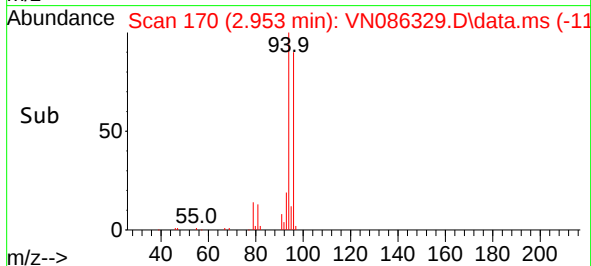
Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 4741
Ion Ratio Lower Upper
94 100
96 89.7 75.2 112.8

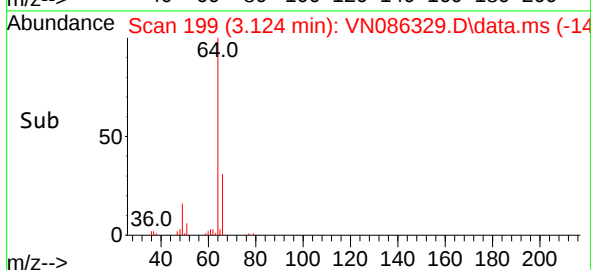
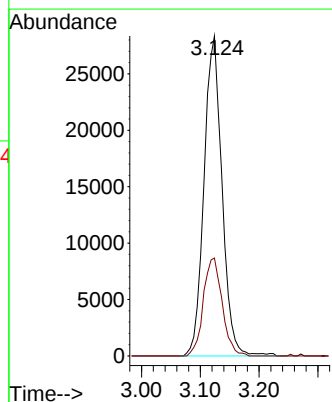
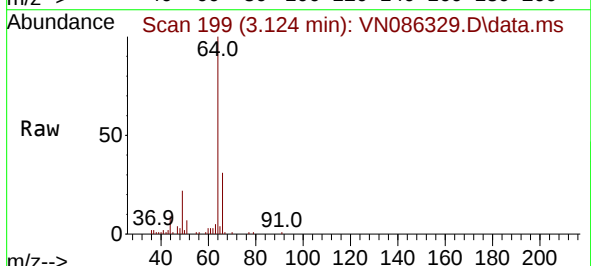
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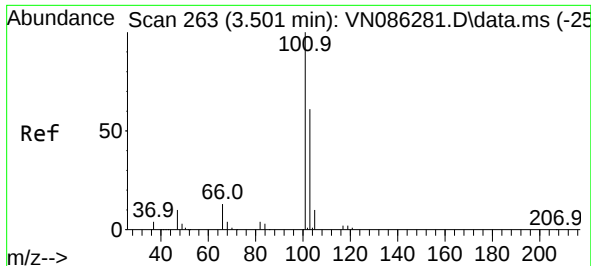
Reviewed By :John Carlone 04/18/2025
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#6
Chloroethane
Concen: 40.660 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN086329.D
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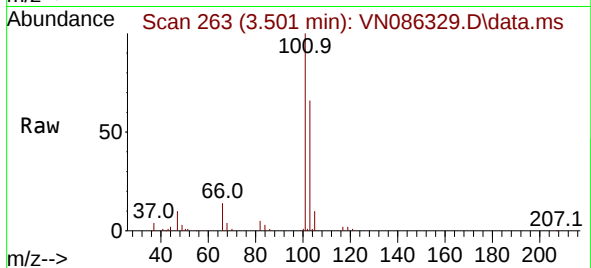
Tgt Ion: 64 Resp: 60316
Ion Ratio Lower Upper
64 100
66 30.6 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 42.791 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN086329.D
 Acq: 17 Apr 2025 18:07

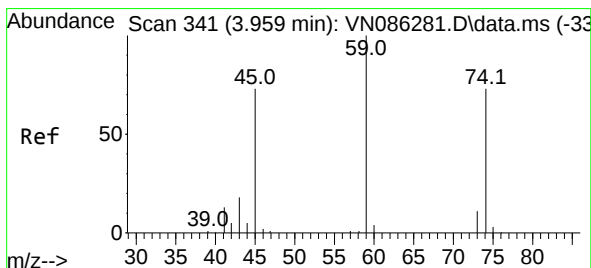
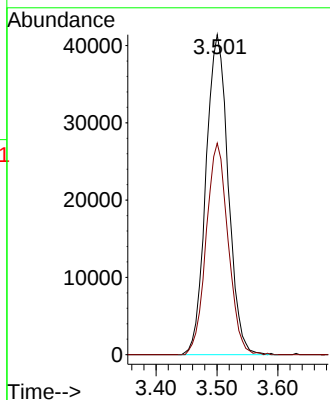
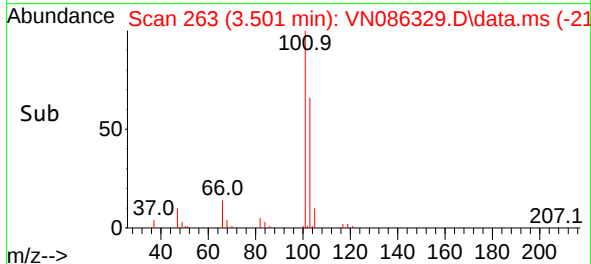
Instrument :
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 VSTDCCC050EC



Tgt Ion:101 Resp: 105060
 Ion Ratio Lower Upper
 101 100
 103 66.1 49.2 73.8

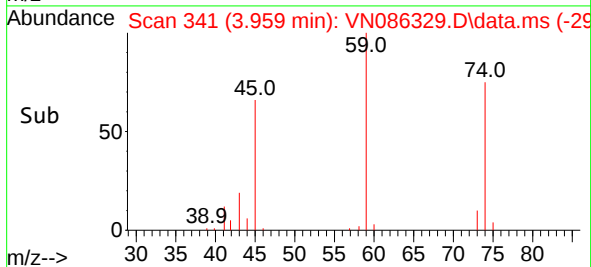
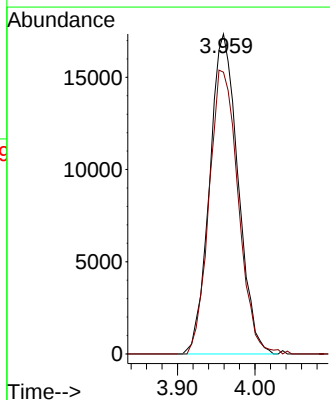
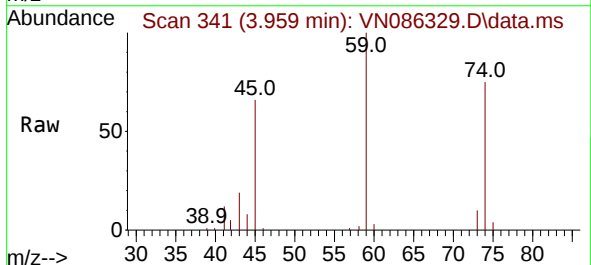
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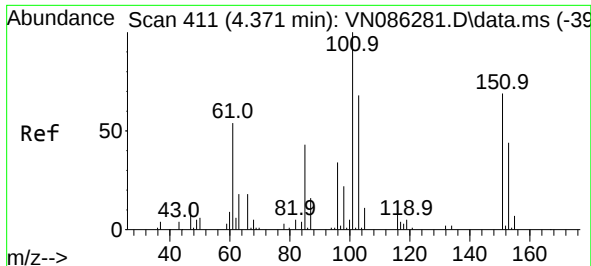
Reviewed By :John Carlone 04/18/2025
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#8
 Diethyl Ether
 Concen: 41.247 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086329.D
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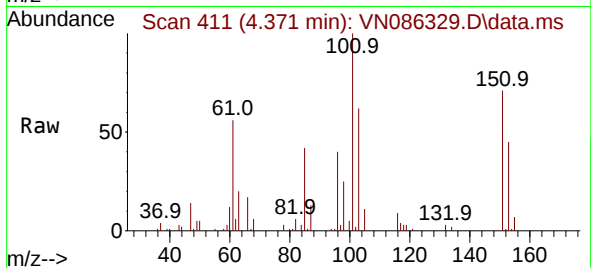
Tgt Ion: 74 Resp: 44210
 Ion Ratio Lower Upper
 74 100
 45 91.0 48.0 144.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.827 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

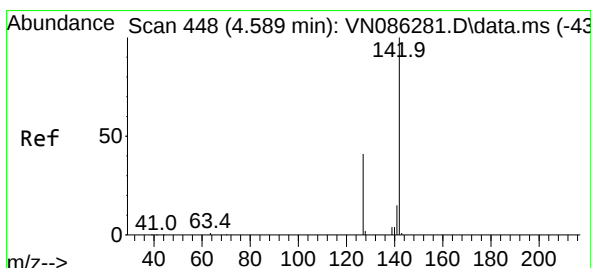
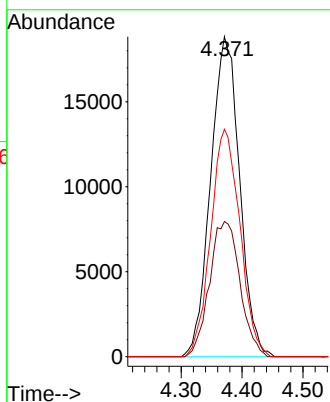
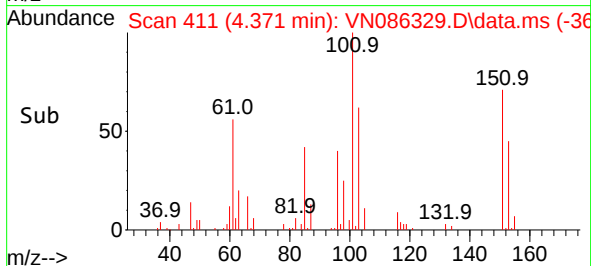
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 6212
Ion Ratio Lower Upper
101 100
85 44.5 34.7 52.1
151 71.8 56.1 84.1

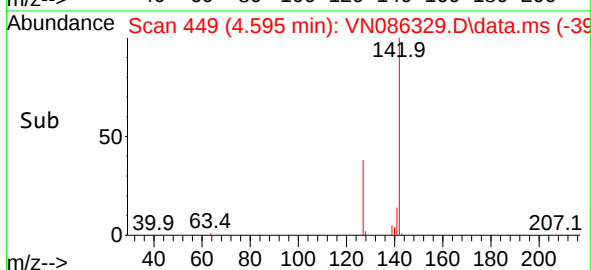
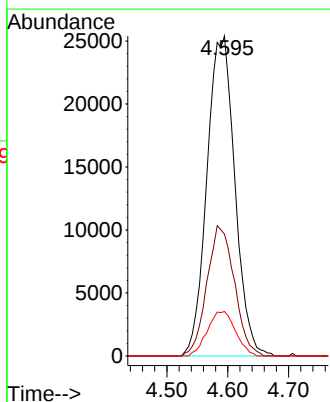
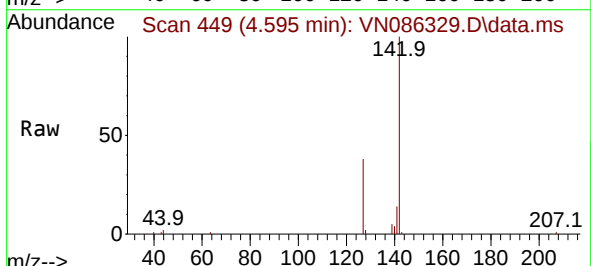
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#10
Methyl Iodide
Concen: 49.622 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

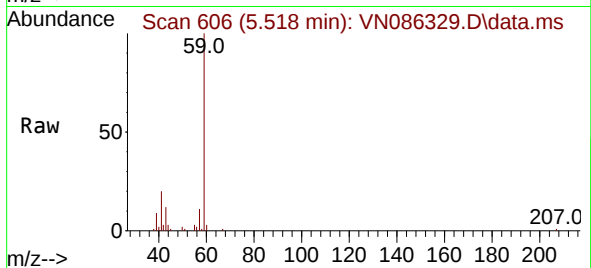
Tgt Ion:142 Resp: 81028
Ion Ratio Lower Upper
142 100
127 38.1 32.7 49.1
141 13.9 11.7 17.5





#11
Tert butyl alcohol
Concen: 197.534 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

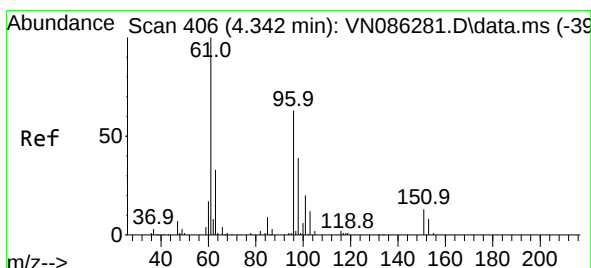
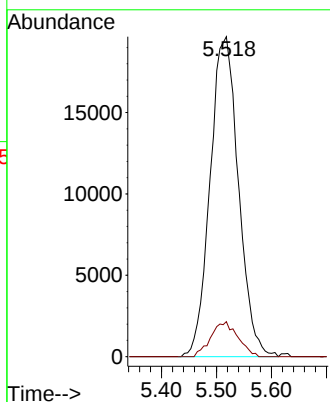
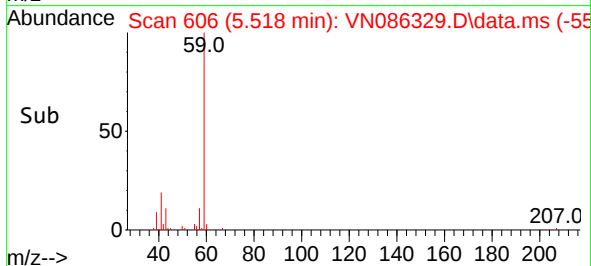
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



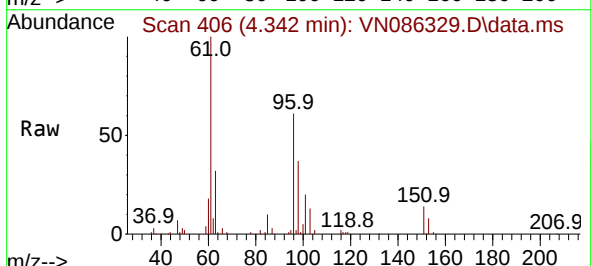
Tgt Ion: 59 Resp: 7046
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

Manual Integrations
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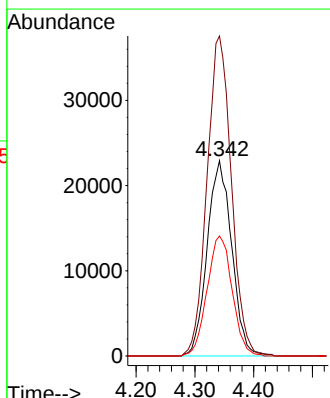
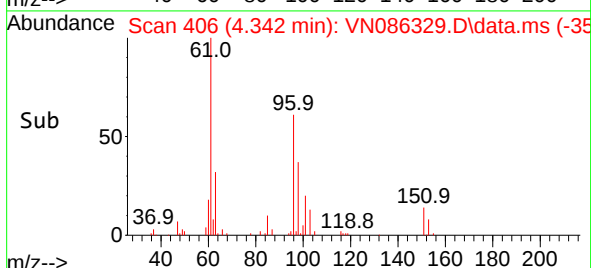
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#12
1,1-Dichloroethene
Concen: 41.968 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07



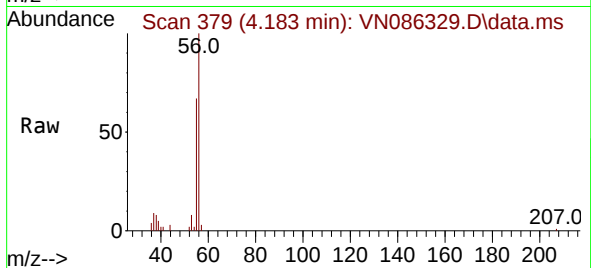
Tgt Ion: 96 Resp: 66595
Ion Ratio Lower Upper
96 100
61 163.9 126.6 189.8
98 61.4 49.6 74.4





#13
Acrolein
Concen: 238.920 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

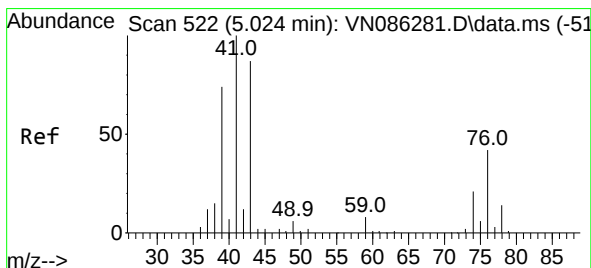
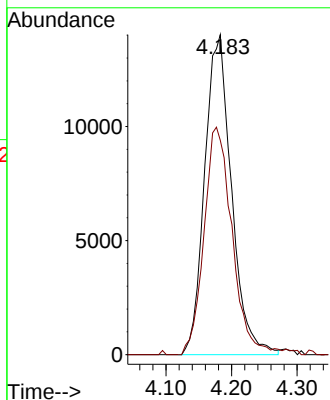
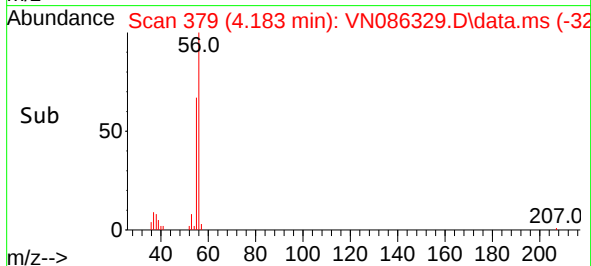
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



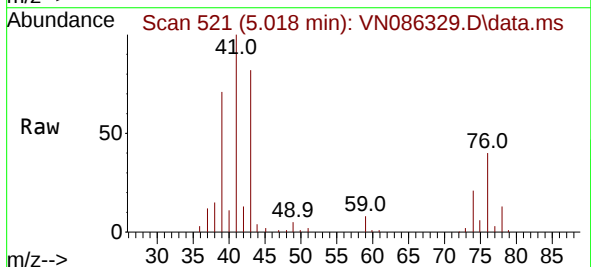
Tgt Ion: 56 Resp: 3985
Ion Ratio Lower Upper
56 100
55 75.2 58.5 87.7

Manual Integrations
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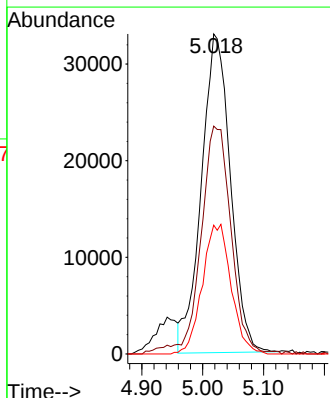
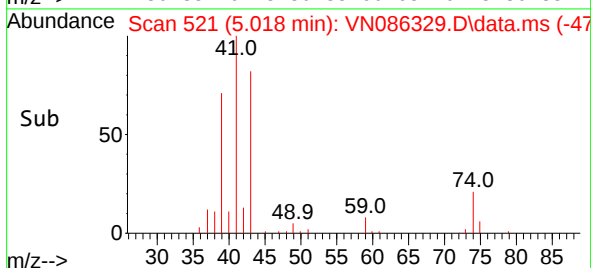
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

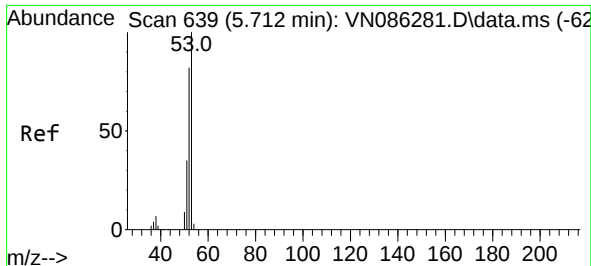


#14
Allyl chloride
Concen: 38.781 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07



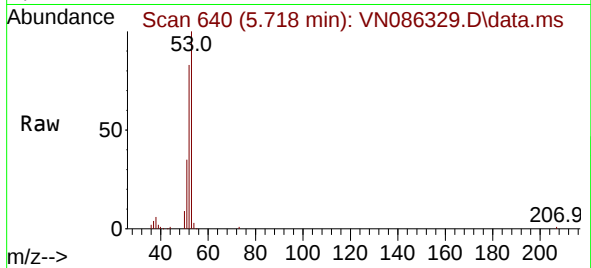
Tgt Ion: 41 Resp: 109393
Ion Ratio Lower Upper
41 100
39 74.3 59.2 88.8
76 40.2 31.2 46.8





#15
Acrylonitrile
Concen: 213.017 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

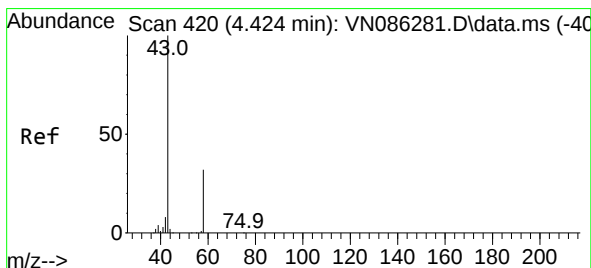
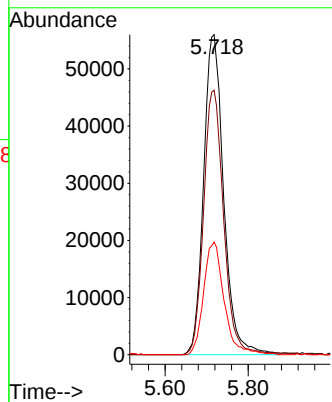
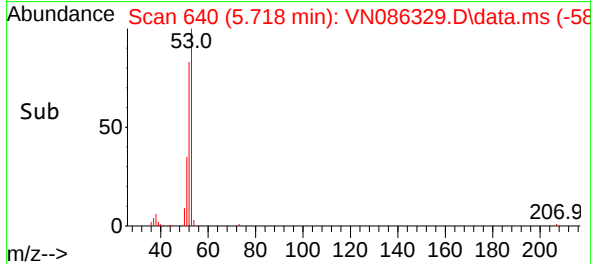
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 187835
Ion Ratio Lower Upper
53 100
52 82.3 65.5 98.3
51 36.0 28.6 42.8

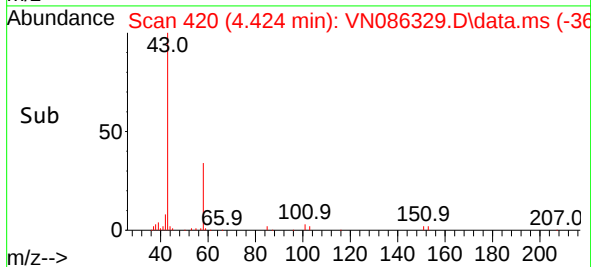
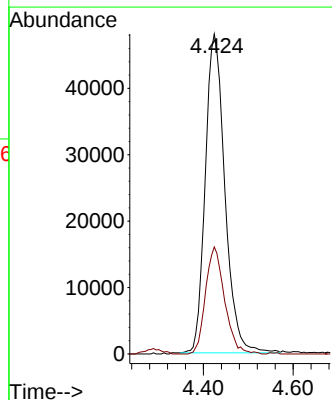
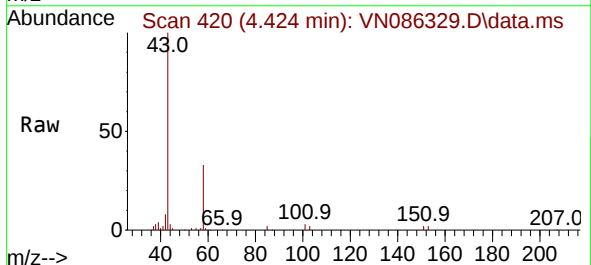
Manual Integrations
APPROVED

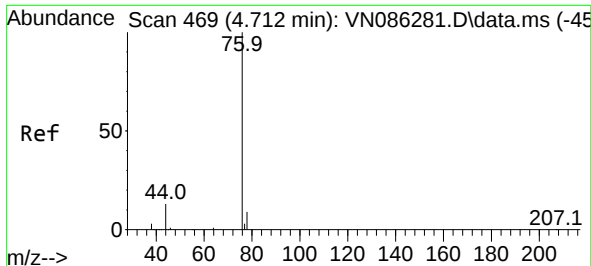
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#16
Acetone
Concen: 215.214 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

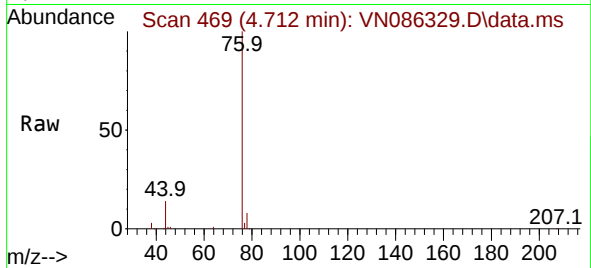
Tgt Ion: 43 Resp: 146004
Ion Ratio Lower Upper
43 100
58 33.5 25.3 37.9





#17
Carbon Disulfide
Concen: 38.870 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

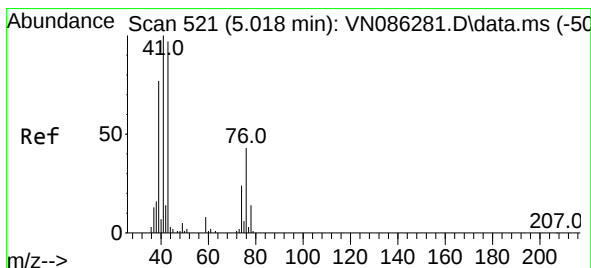
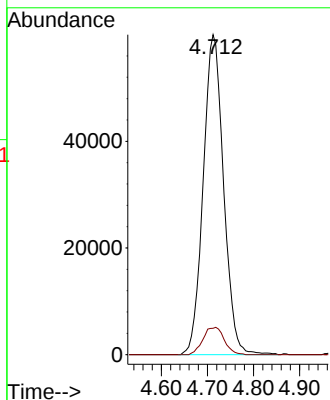
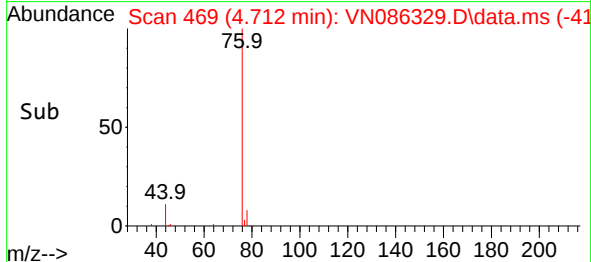
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



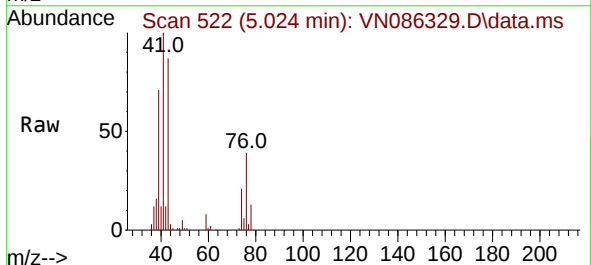
Tgt Ion: 76 Resp: 184680
Ion Ratio Lower Upper
76 100
78 8.2 7.6 11.4

Manual Integrations
APPROVED

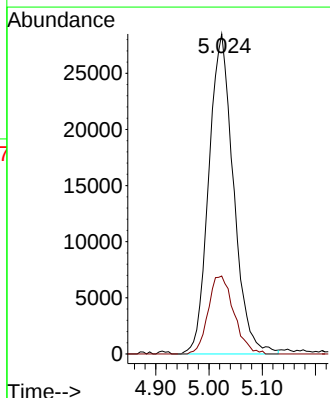
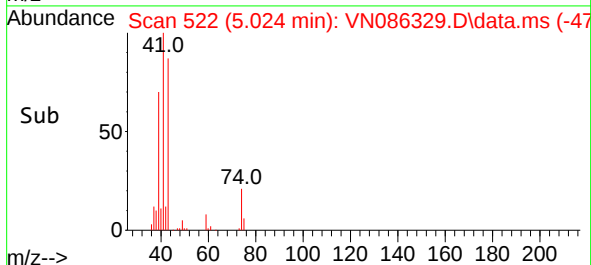
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

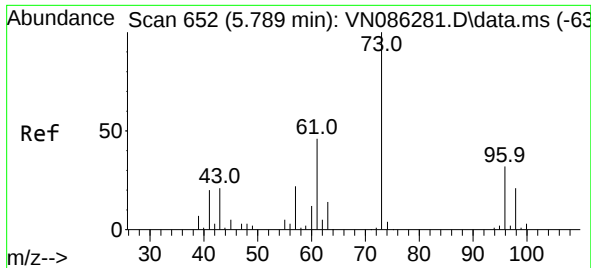


#18
Methyl Acetate
Concen: 39.086 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07



Tgt Ion: 43 Resp: 91725
Ion Ratio Lower Upper
43 100
74 25.3 19.8 29.6





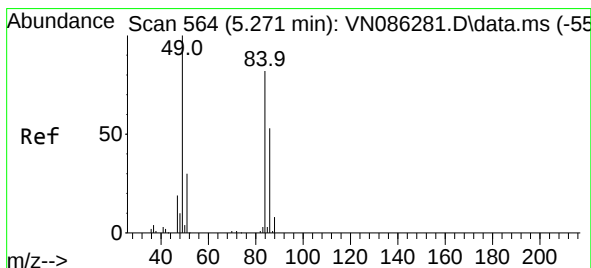
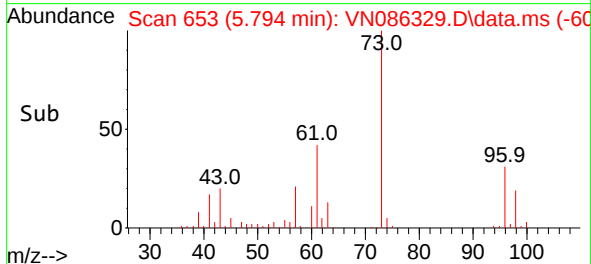
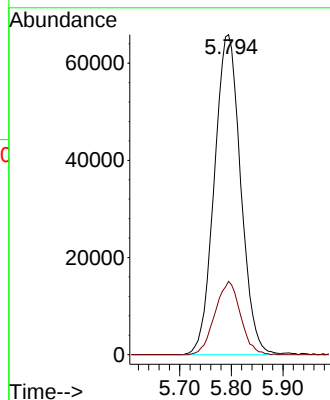
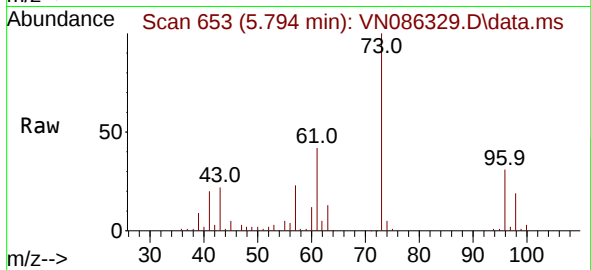
#19
Methyl tert-butyl Ether
Concen: 39.992 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 23326
Ion Ratio Lower Upper
73 100
57 22.9 17.6 26.4

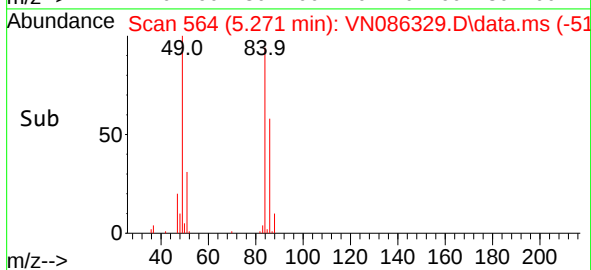
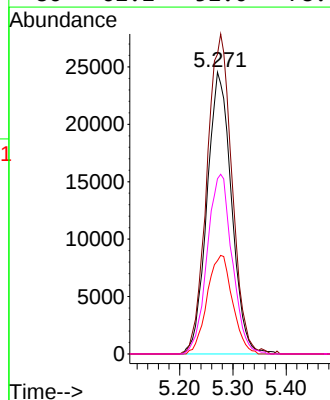
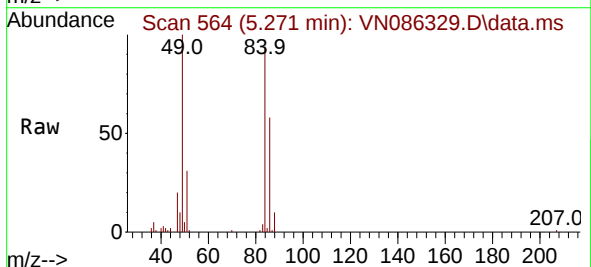
Manual Integrations
APPROVED

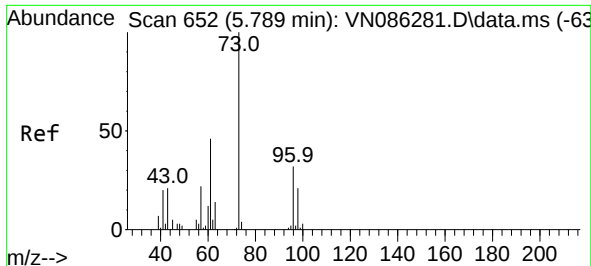
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#20
Methylene Chloride
Concen: 43.329 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

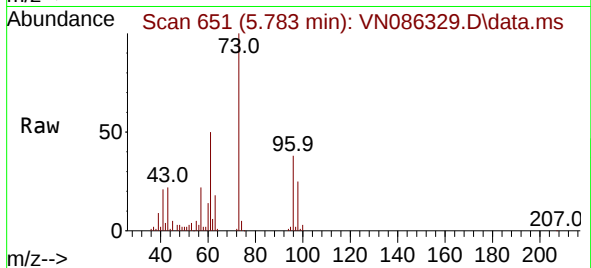
Tgt Ion: 84 Resp: 78310
Ion Ratio Lower Upper
84 100
49 106.3 98.2 147.2
51 33.1 29.8 44.6
86 62.2 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 42.546 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

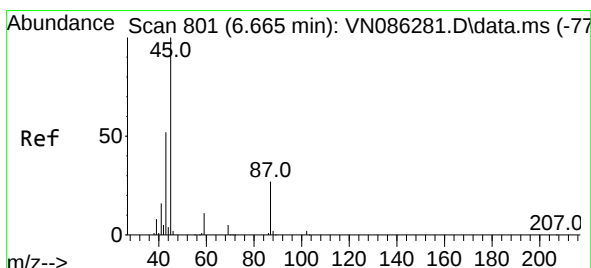
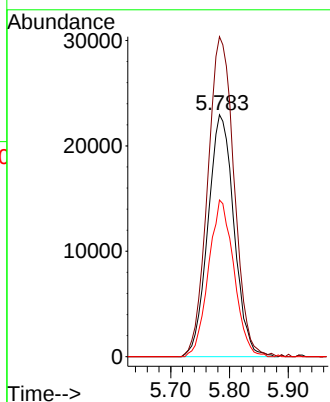
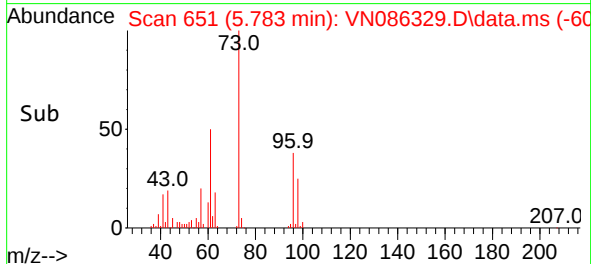
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 7058
Ion Ratio Lower Upper
96 100
61 132.2 114.6 171.8
98 64.7 51.2 76.8

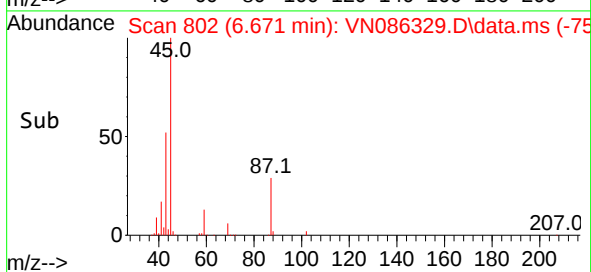
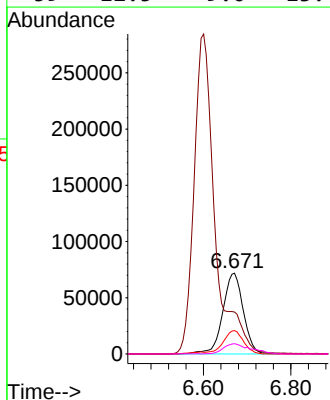
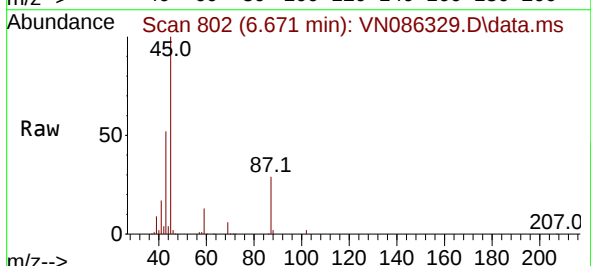
Manual Integrations
APPROVED

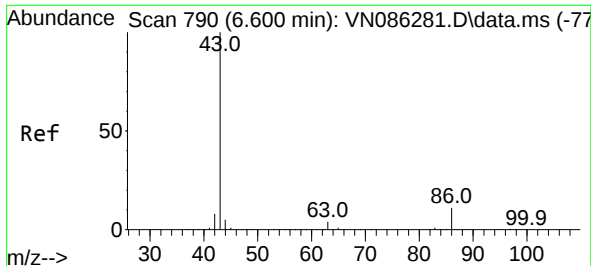
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#22
Diisopropyl ether
Concen: 38.024 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

Tgt Ion: 45 Resp: 233331
Ion Ratio Lower Upper
45 100
43 50.6 41.8 62.8
87 28.8 21.6 32.4
59 12.5 9.0 13.4





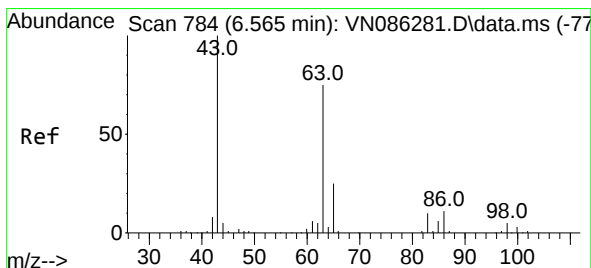
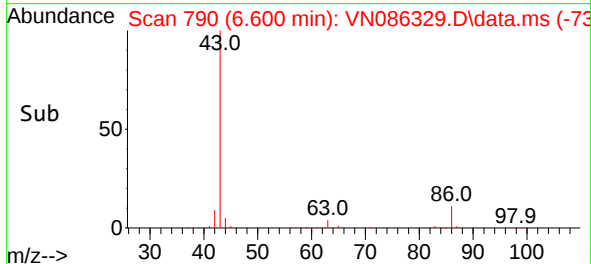
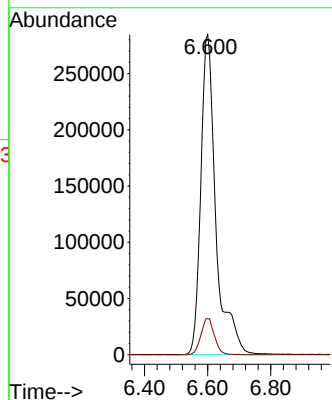
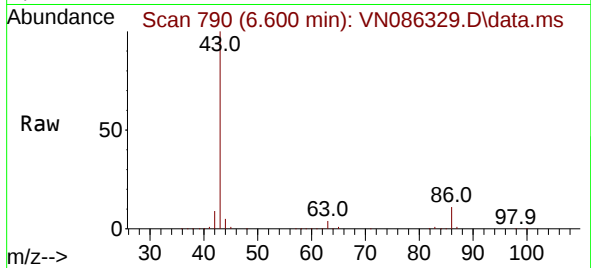
#23
 Vinyl Acetate
 Concen: 220.107 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086329.D
 Acq: 17 Apr 2025 18:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 94417
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 13.0

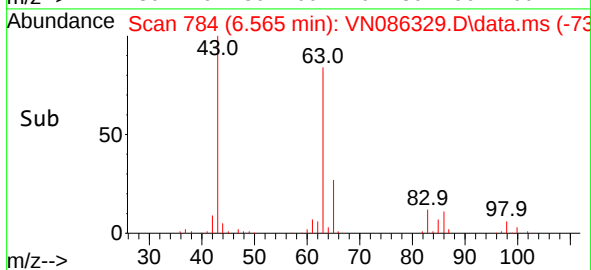
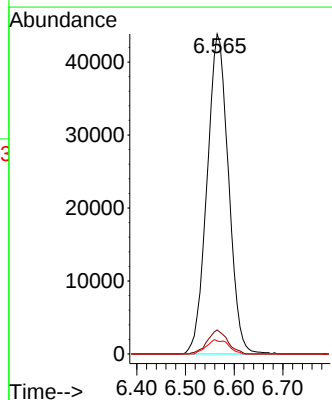
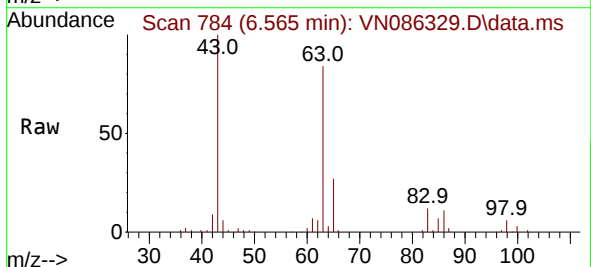
Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025



#24
 1,1-Dichloroethane
 Concen: 41.335 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086329.D
 Acq: 17 Apr 2025 18:07

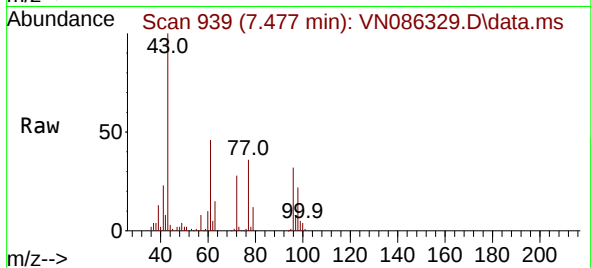
Tgt Ion: 63 Resp: 133830
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.4 10.2
 100 4.1 2.1 6.5





#25
2-Butanone
Concen: 198.789 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

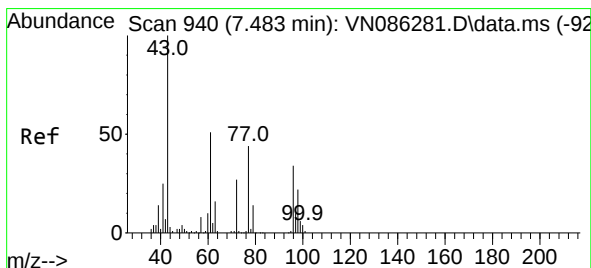
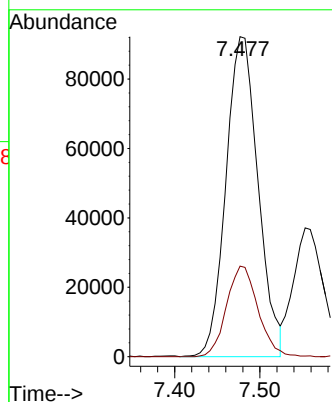
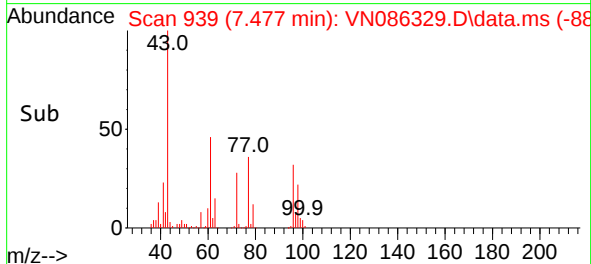
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



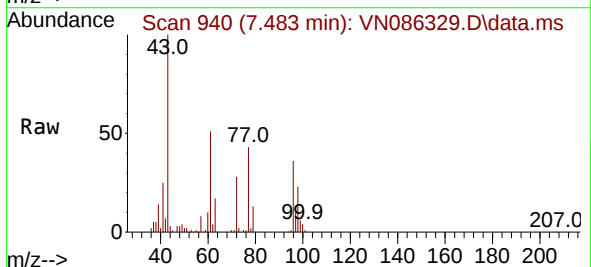
Tgt Ion: 43 Resp: 24190
Ion Ratio Lower Upper
43 100
72 28.3 21.7 32.5

Manual Integrations
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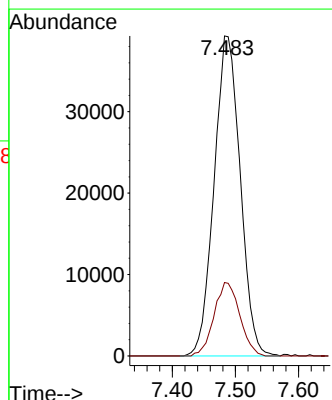
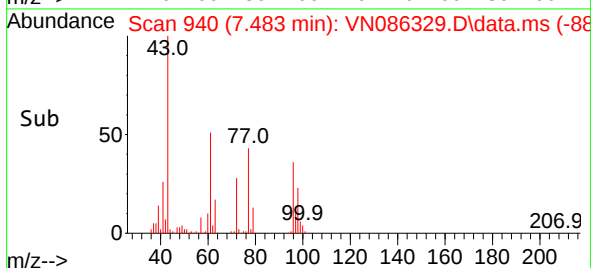
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

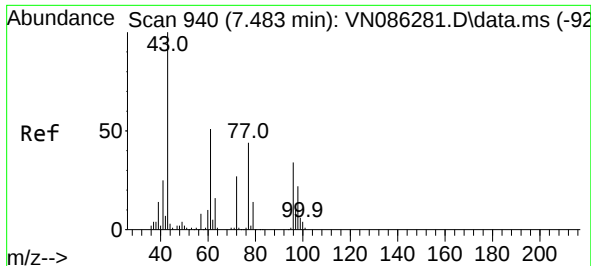


#26
2,2-Dichloropropane
Concen: 38.961 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07



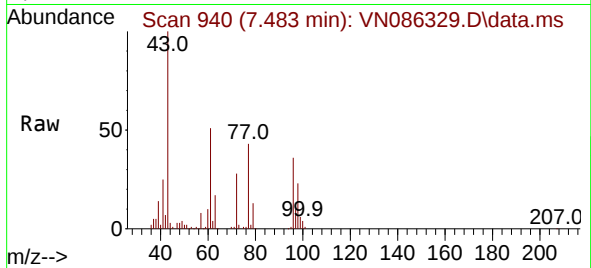
Tgt Ion: 77 Resp: 112946
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 42.271 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086329.D
 Acq: 17 Apr 2025 18:07

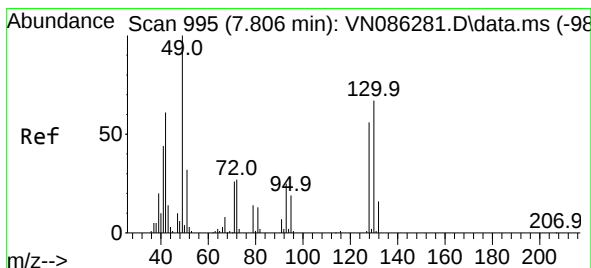
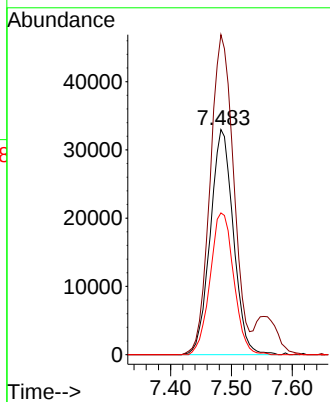
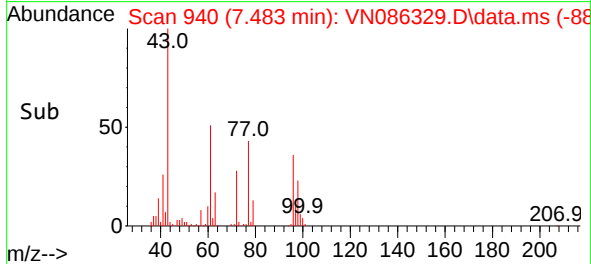
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 8703
 Ion Ratio Lower Upper
 96 100
 61 143.9 0.0 299.0
 98 64.4 0.0 129.6

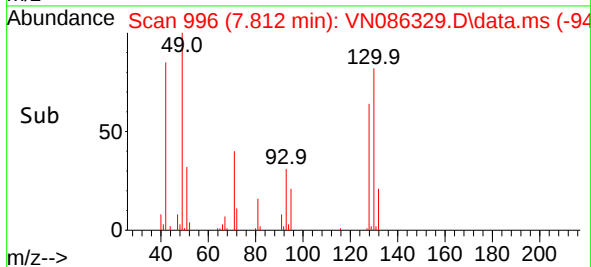
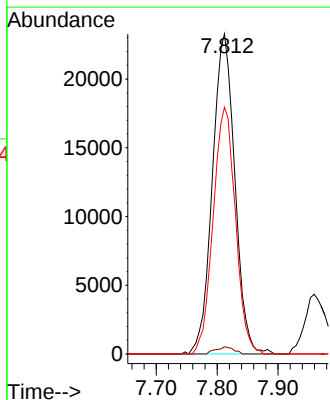
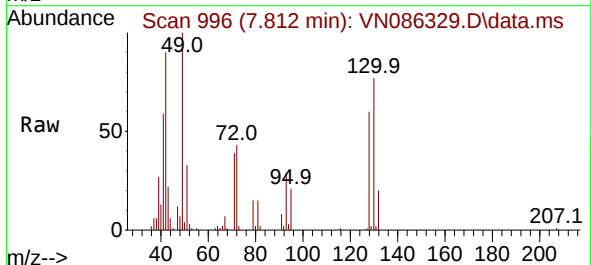
Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025



#28
 Bromochloromethane
 Concen: 43.422 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086329.D
 Acq: 17 Apr 2025 18:07

Tgt Ion: 49 Resp: 59610
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 76.4 57.1 85.7





#29

Tetrahydrofuran

Concen: 192.071 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086329.D

Acq: 17 Apr 2025 18:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

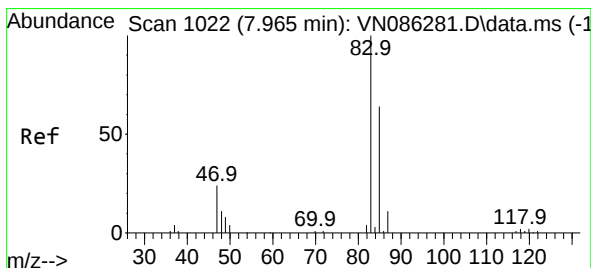
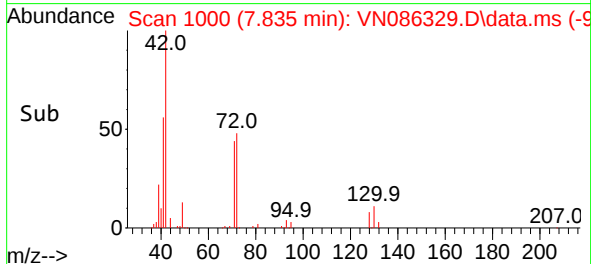
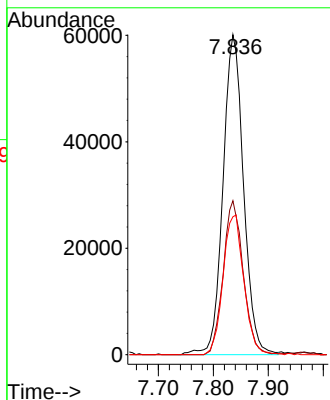
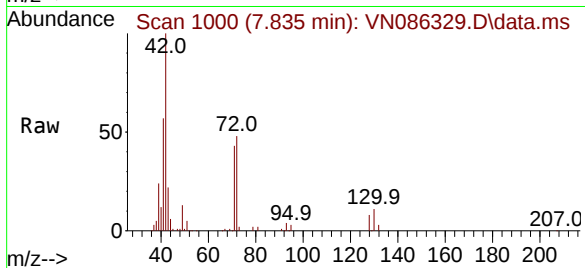
Tgt Ion: 42 Resp: 156294
 Ion Ratio Lower Upper
 42 100
 72 46.8 36.2 54.4
 71 44.1 34.0 51.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#30

Chloroform

Concen: 42.318 ug/l

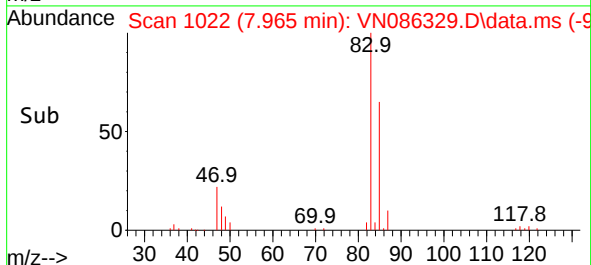
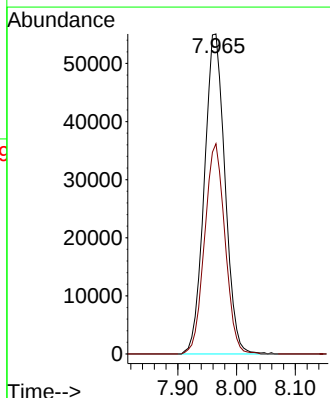
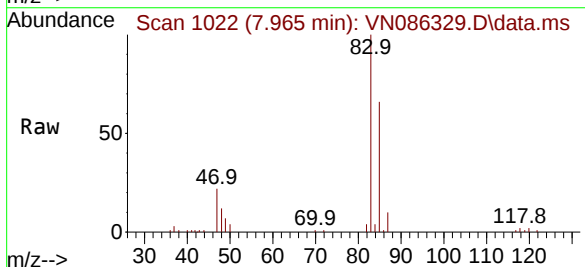
RT: 7.965 min Scan# 1022

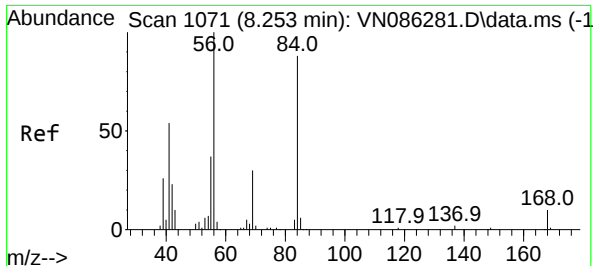
Delta R.T. -0.000 min

Lab File: VN086329.D

Acq: 17 Apr 2025 18:07

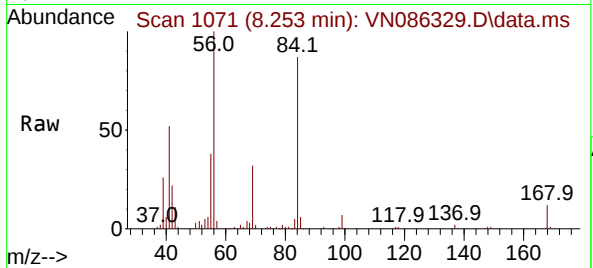
Tgt Ion: 83 Resp: 134594
 Ion Ratio Lower Upper
 83 100
 85 65.7 51.5 77.3





#31
Cyclohexane
Concen: 37.888 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

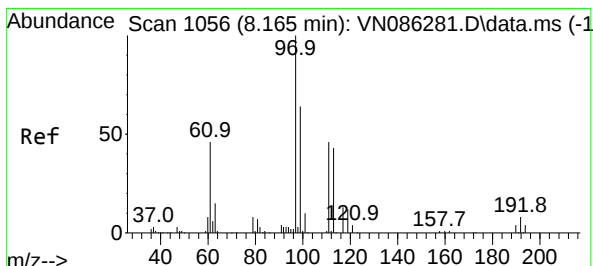
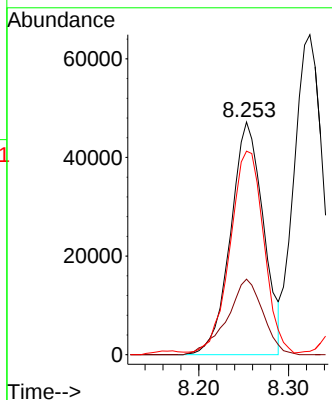
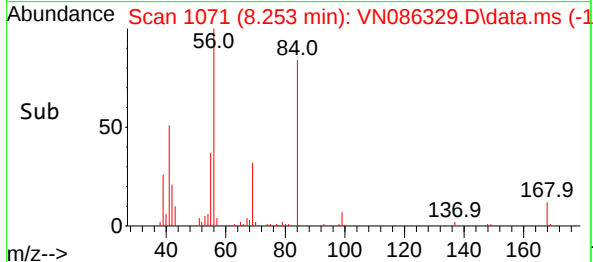
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



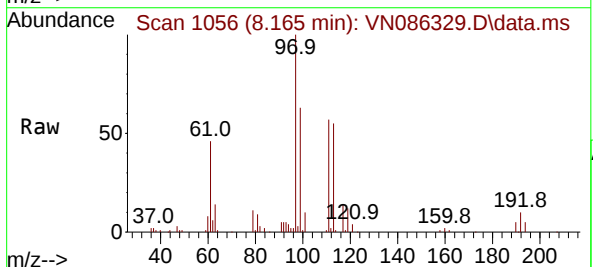
Tgt Ion: 56 Resp: 120039
Ion Ratio Lower Upper
56 100
69 32.4 24.2 36.2
84 86.3 70.3 105.5

Manual Integrations
APPROVED

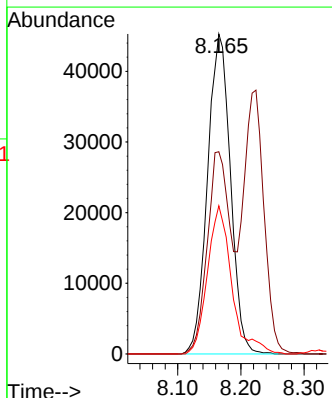
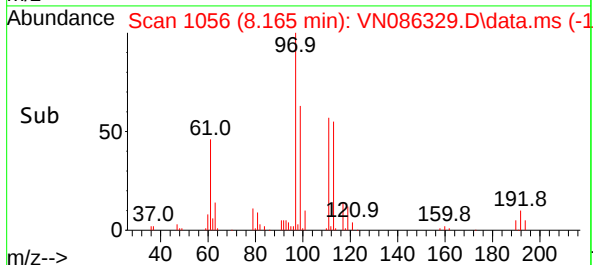
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

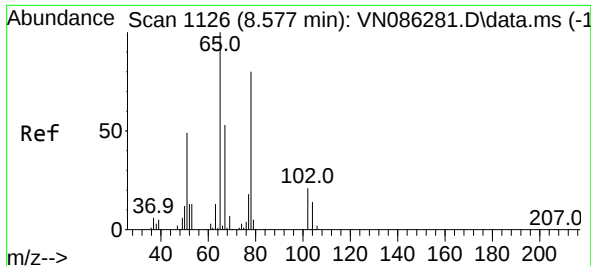


#32
1,1,1-Trichloroethane
Concen: 41.943 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07



Tgt Ion: 97 Resp: 114120
Ion Ratio Lower Upper
97 100
99 65.7 52.7 79.1
61 49.0 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 51.155 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086329.D

Acq: 17 Apr 2025 18:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 100000

Ion Ratio Lower Upper

65 100

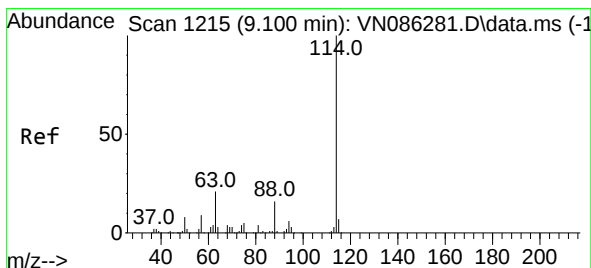
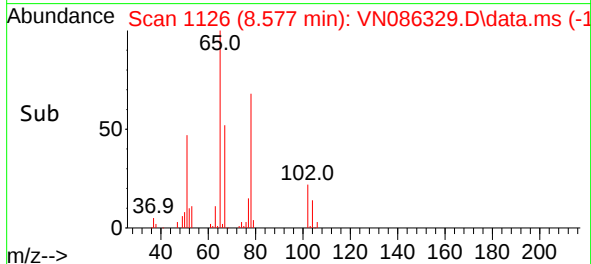
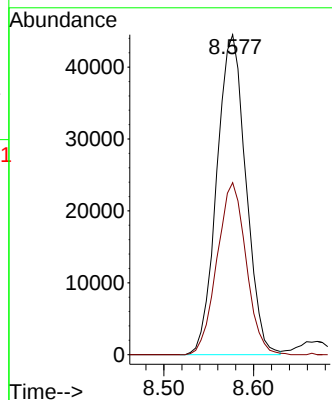
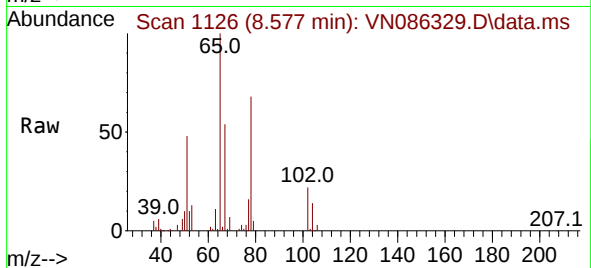
67 53.9 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086329.D

Acq: 17 Apr 2025 18:07

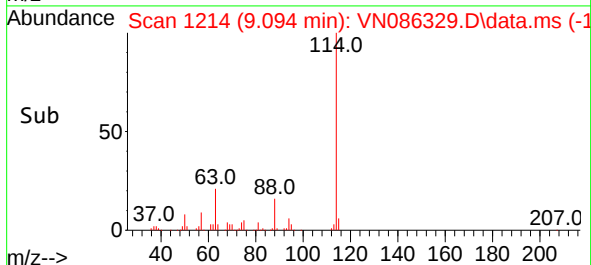
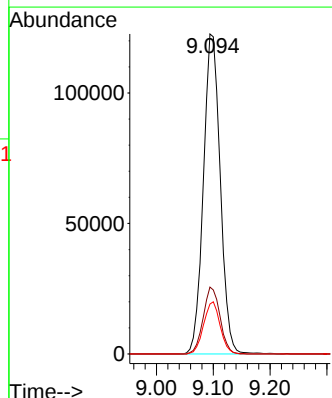
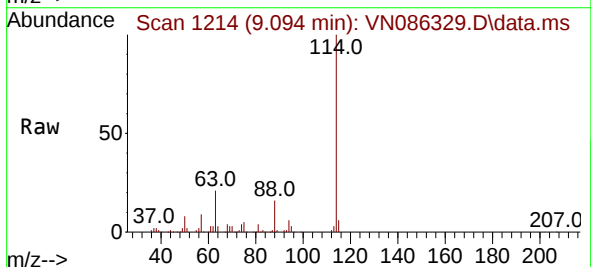
Tgt Ion:114 Resp: 252196

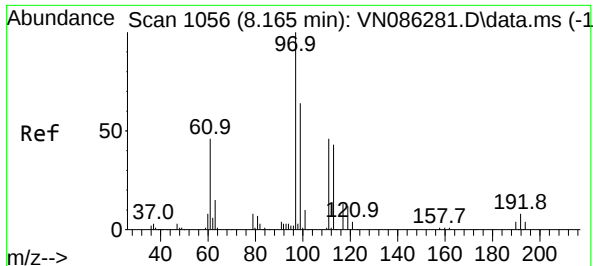
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.6

88 15.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.357 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086329.D

Acq: 17 Apr 2025 18:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

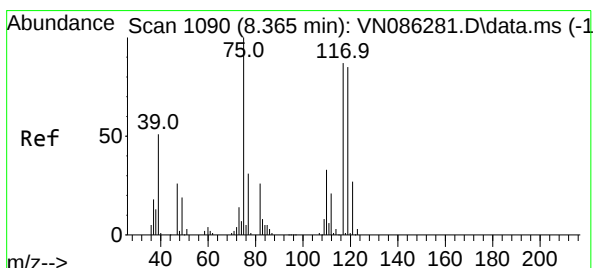
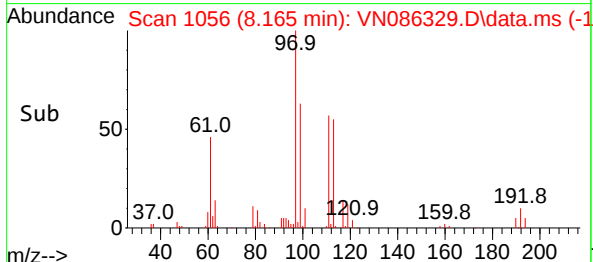
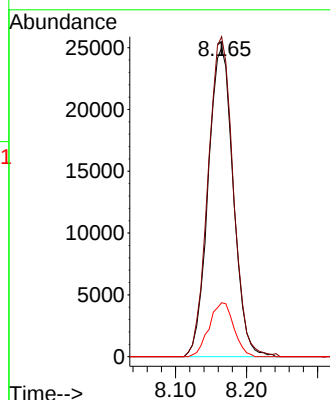
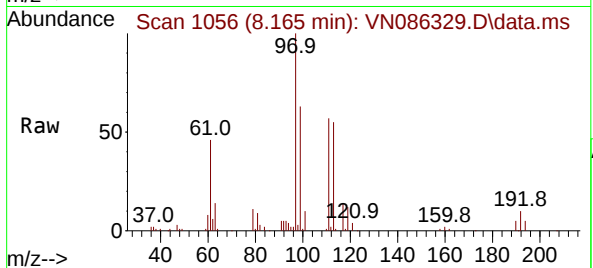
Tgt Ion:	113	Resp:	6128
Ion Ratio	Lower	Upper	
113	100		
111	103.9	83.4	125.0
192	17.1	13.7	20.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#36

1,1-Dichloropropene

Concen: 41.023 ug/l

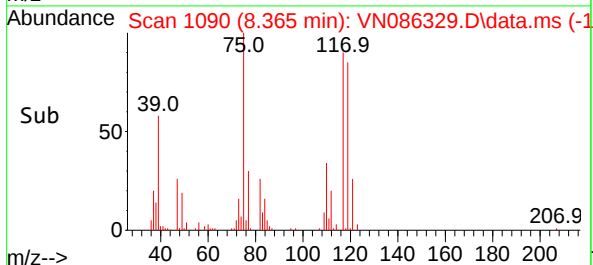
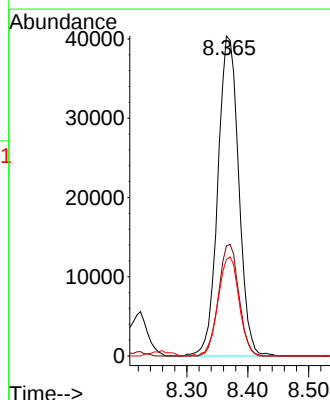
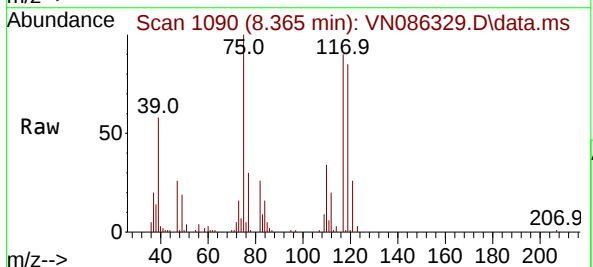
RT: 8.365 min Scan# 1090

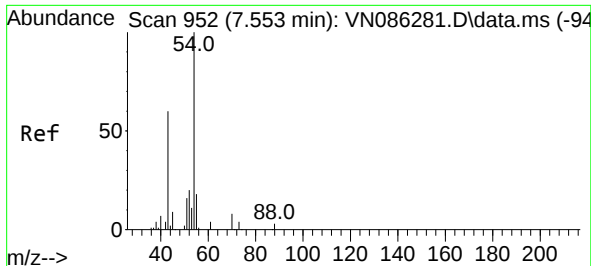
Delta R.T. -0.000 min

Lab File: VN086329.D

Acq: 17 Apr 2025 18:07

Tgt Ion:	75	Resp:	95905
Ion Ratio	Lower	Upper	
75	100		
110	34.0	16.8	50.4
77	31.3	24.9	37.3





#37

Ethyl Acetate

Concen: 38.337 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN086329.D

Acq: 17 Apr 2025 18:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

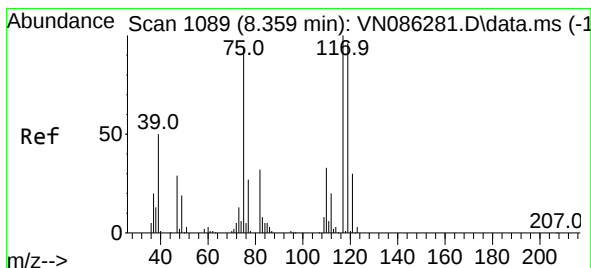
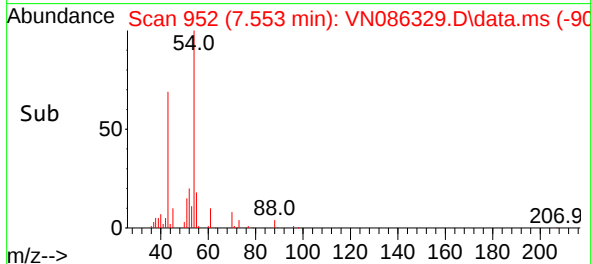
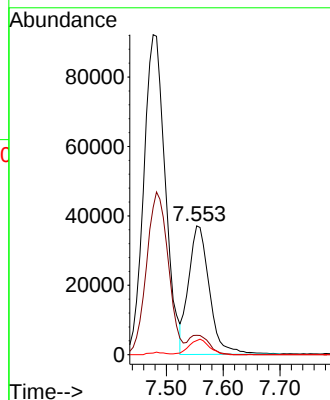
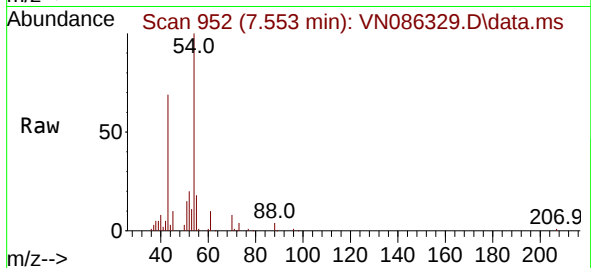
Tgt Ion:	43	Resp:	9435
Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.1	16.7
70	11.7	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#38

Carbon Tetrachloride

Concen: 42.326 ug/l

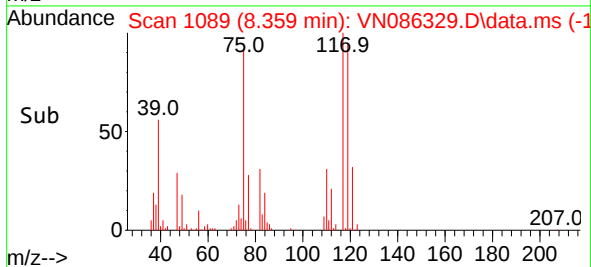
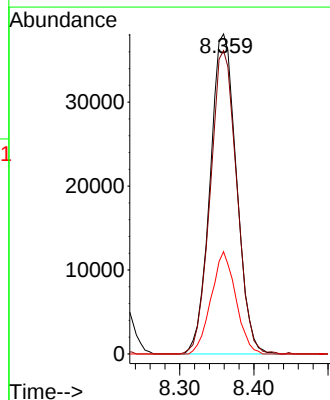
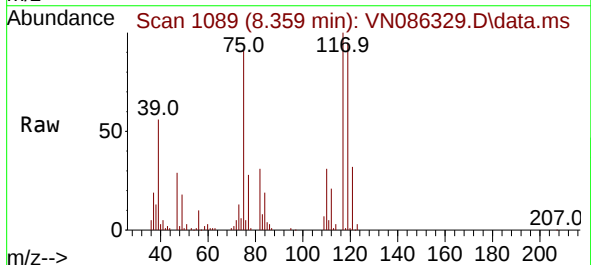
RT: 8.359 min Scan# 1089

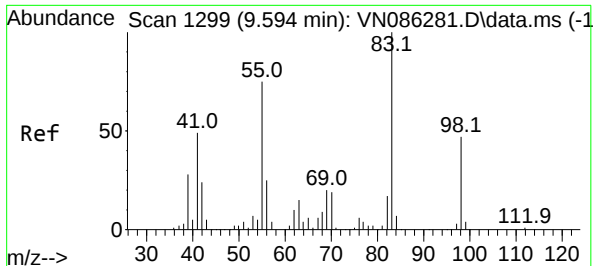
Delta R.T. -0.000 min

Lab File: VN086329.D

Acq: 17 Apr 2025 18:07

Tgt Ion:	117	Resp:	94233
Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.8	115.2
121	32.0	23.8	35.8





#39

Methylcyclohexane

Concen: 39.925 ug/l

RT: 9.600 min Scan# 11094

Delta R.T. 0.006 min

Lab File: VN086329.D

Acq: 17 Apr 2025 18:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 11094

Ion Ratio Lower Upper

83 100

55 72.7 59.8 89.8

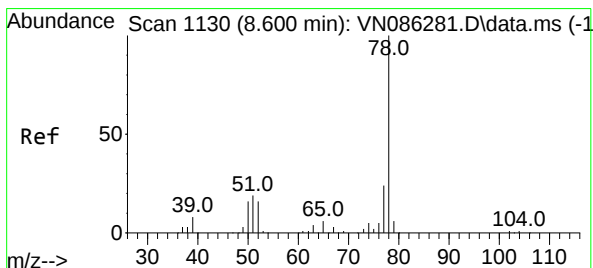
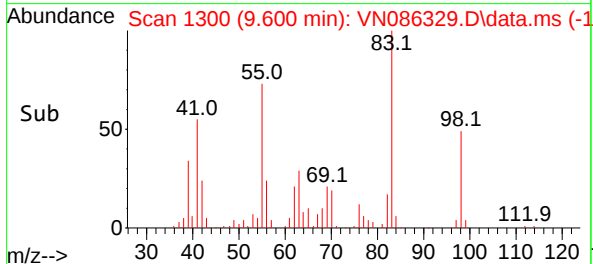
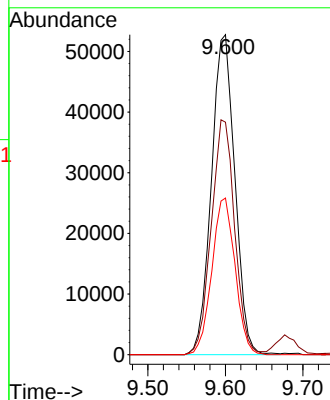
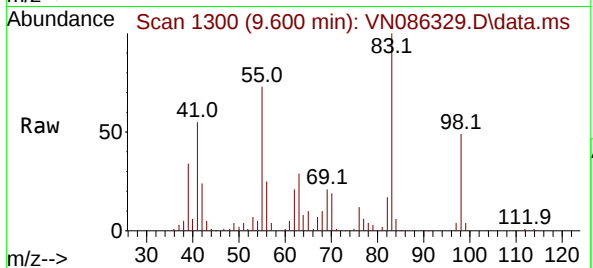
98 49.0 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#40

Benzene

Concen: 41.487 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086329.D

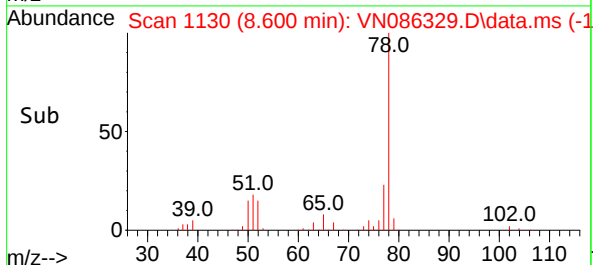
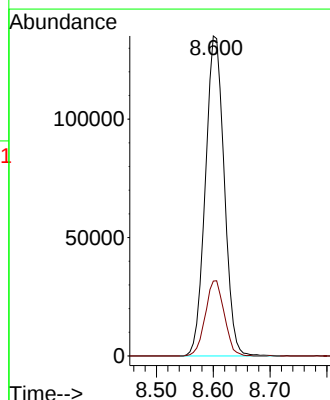
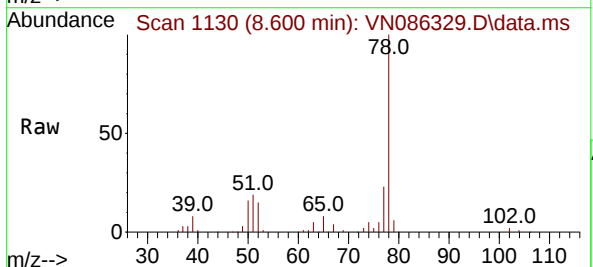
Acq: 17 Apr 2025 18:07

Tgt Ion: 78 Resp: 310750

Ion Ratio Lower Upper

78 100

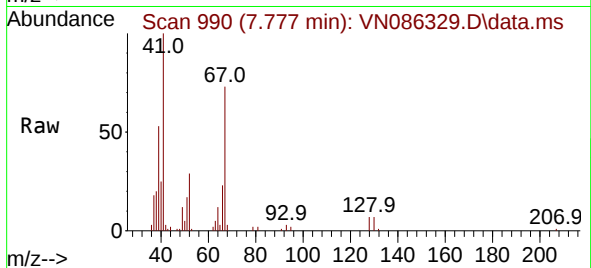
77 23.4 19.4 29.2





#41
Methacrylonitrile
Concen: 39.595 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

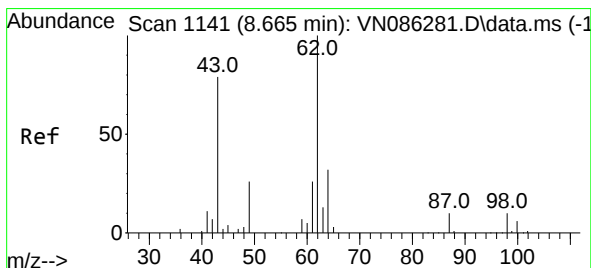
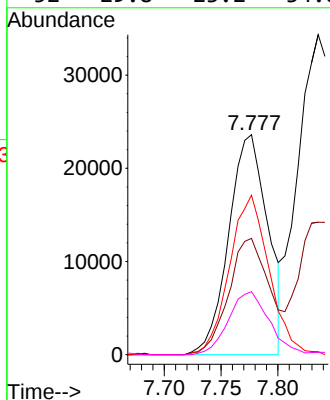
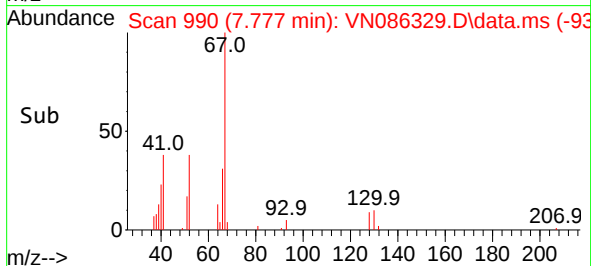
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 5648
Ion Ratio Lower Upper
41 100
39 56.3 43.0 64.4
67 73.4 58.8 88.2
52 29.8 23.2 34.8

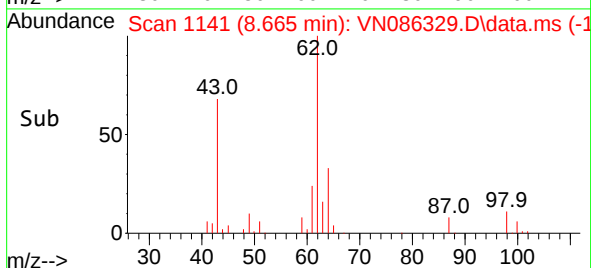
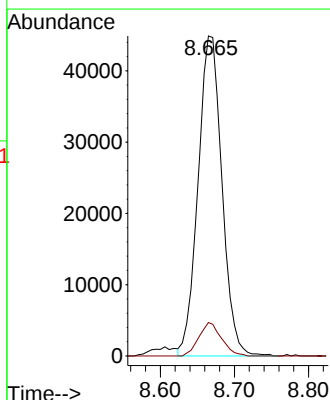
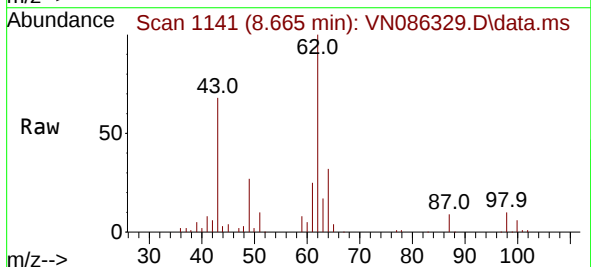
Manual Integrations
APPROVED

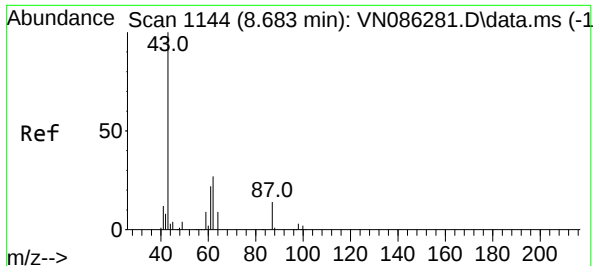
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#42
1,2-Dichloroethane
Concen: 42.163 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

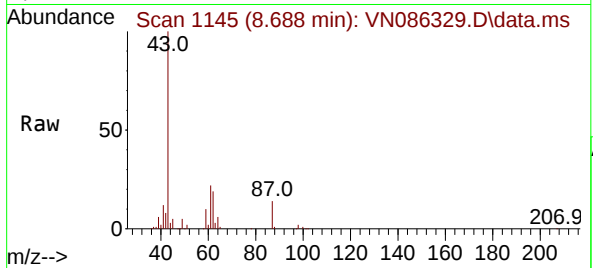
Tgt Ion: 62 Resp: 100711
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.2





#43
Isopropyl Acetate
Concen: 38.851 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

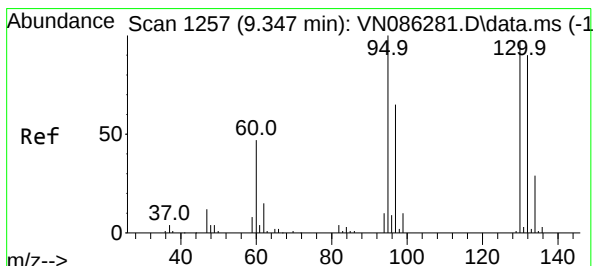
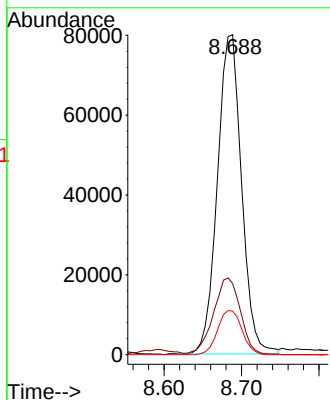
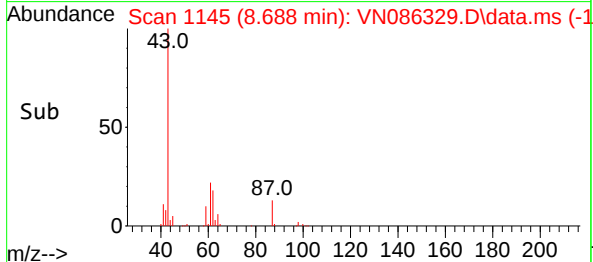
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 173960
Ion Ratio Lower Upper
43 100
61 26.9 20.5 30.7
87 13.9 10.5 15.7

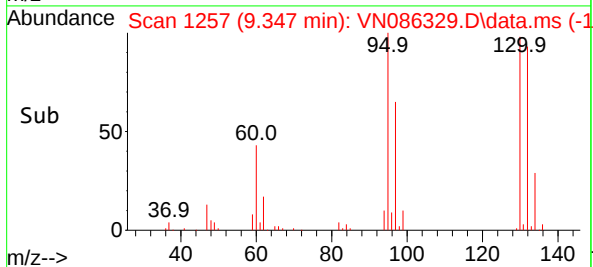
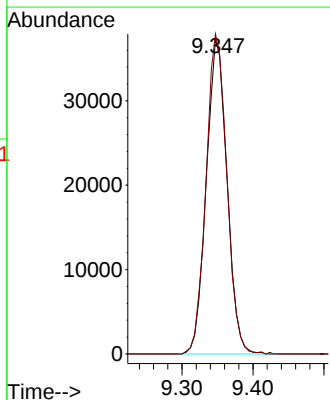
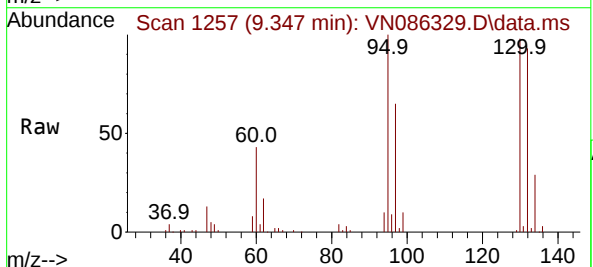
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#44
Trichloroethene
Concen: 42.529 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

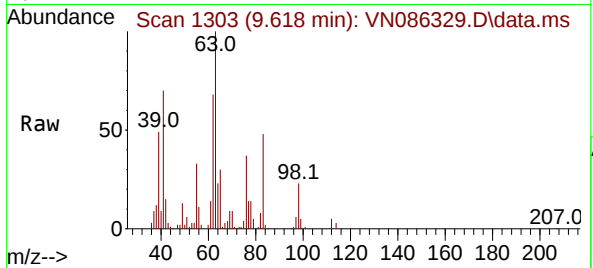
Tgt Ion:130 Resp: 75503
Ion Ratio Lower Upper
130 100
95 101.6 0.0 207.2





#45
1,2-Dichloropropane
Concen: 40.581 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

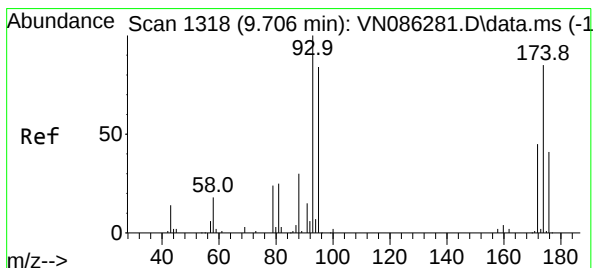
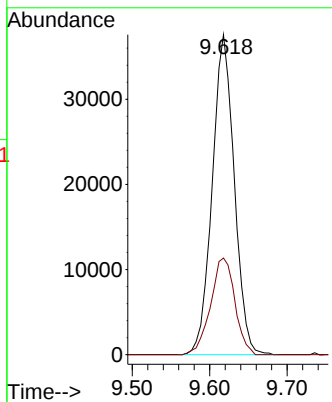
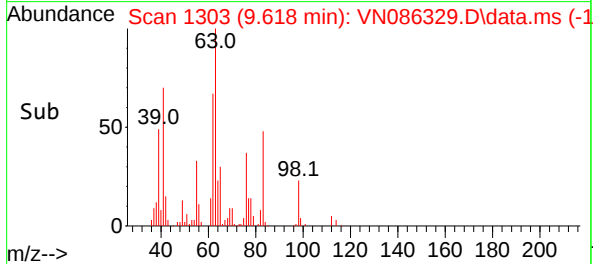
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 74400
Ion Ratio Lower Upper
63 100
65 30.2 25.4 38.2

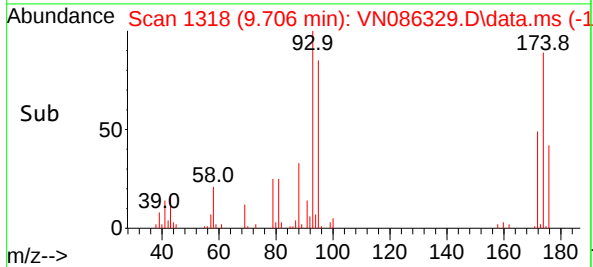
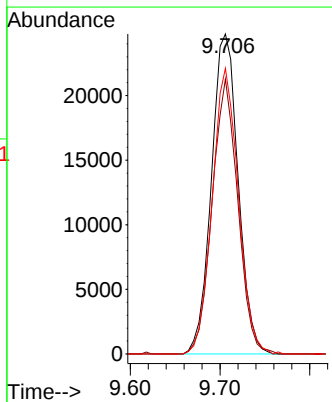
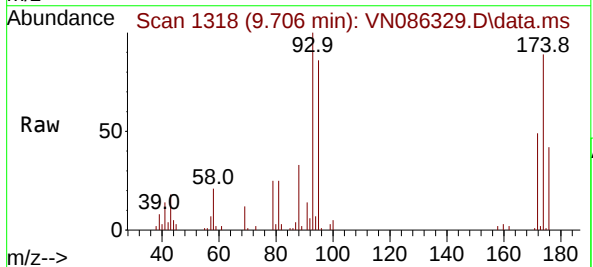
Manual Integrations
APPROVED

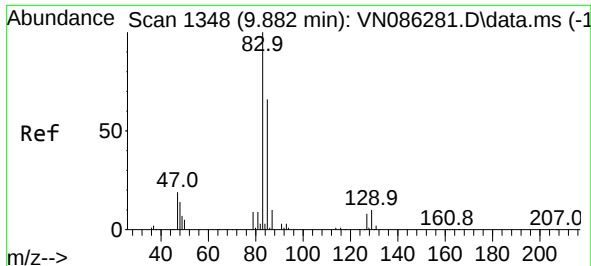
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#46
Dibromomethane
Concen: 43.839 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

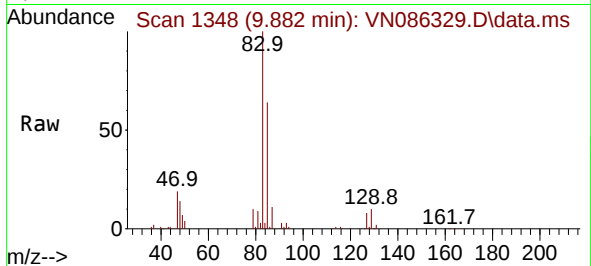
Tgt Ion: 93 Resp: 51213
Ion Ratio Lower Upper
93 100
95 82.4 66.2 99.4
174 87.3 67.8 101.6





#47
Bromodichloromethane
Concen: 42.028 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

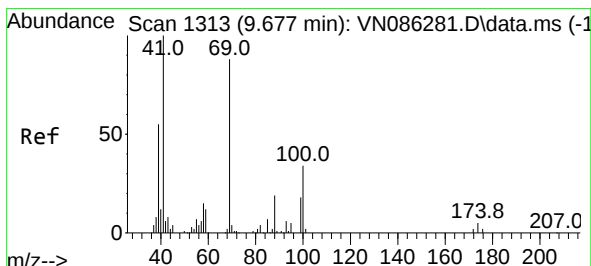
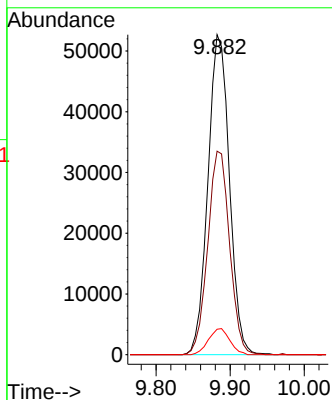
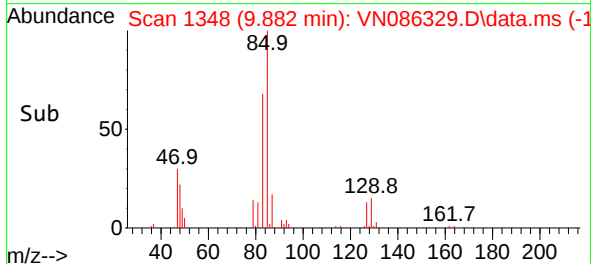
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



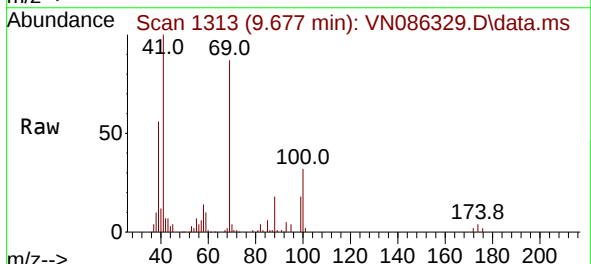
Tgt Ion: 83 Resp: 10604
Ion Ratio Lower Upper
83 100
85 63.6 52.6 78.8
127 8.0 6.1 9.1

Manual Integrations
APPROVED

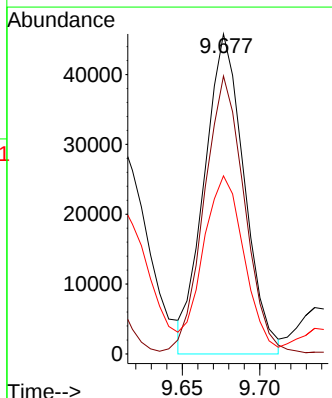
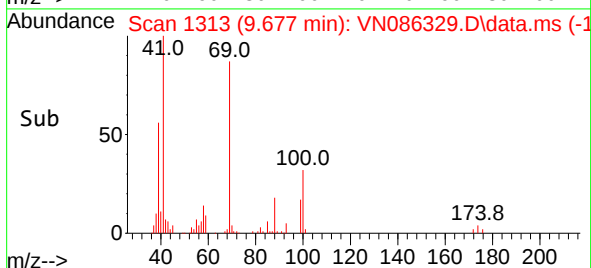
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

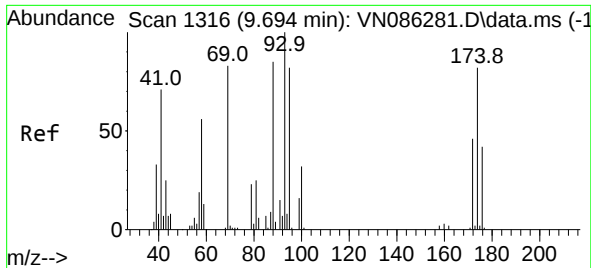


#48
Methyl methacrylate
Concen: 37.881 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07



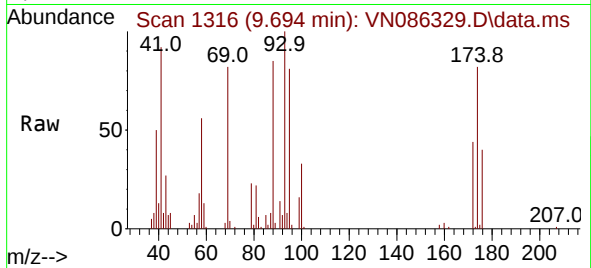
Tgt Ion: 41 Resp: 81877
Ion Ratio Lower Upper
41 100
69 87.2 68.2 102.2
39 57.8 45.2 67.8





#49
1,4-Dioxane
Concen: 844.171 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

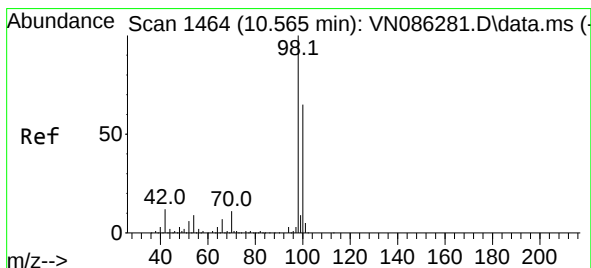
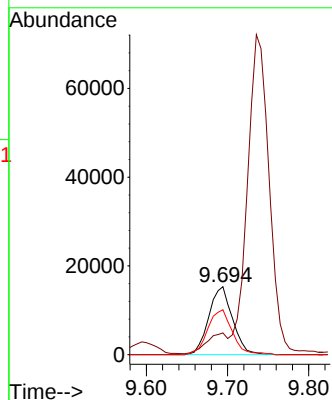
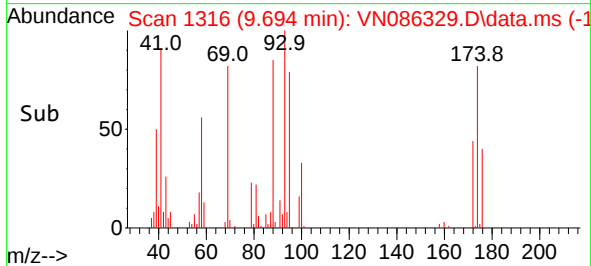
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 31030
Ion Ratio Lower Upper
88 100
43 26.4 23.8 35.8
58 68.5 57.4 86.2

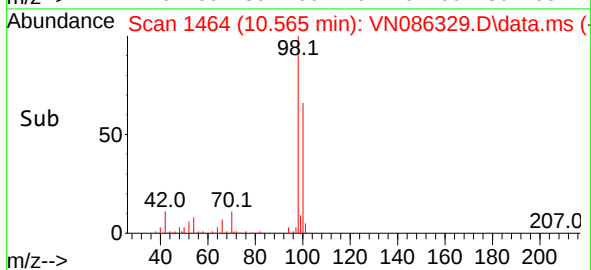
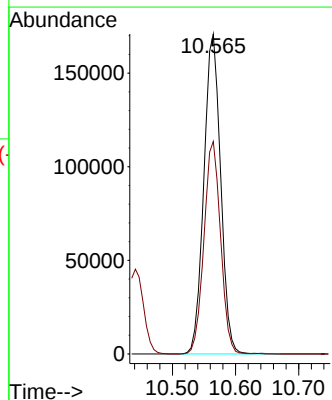
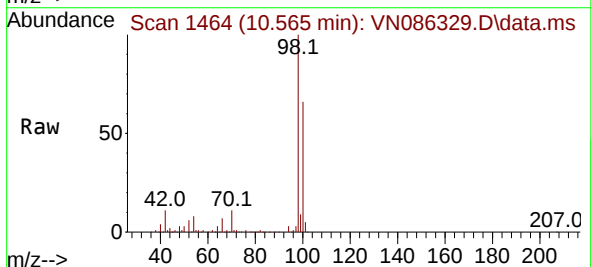
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#50
Toluene-d8
Concen: 50.453 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

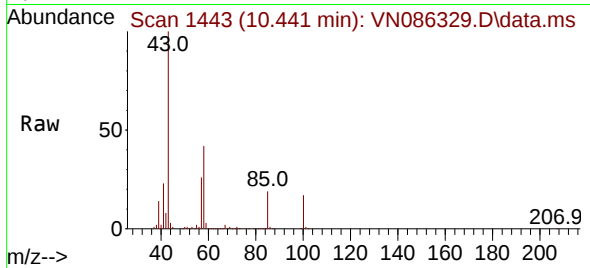
Tgt Ion: 98 Resp: 315615
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 194.651 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

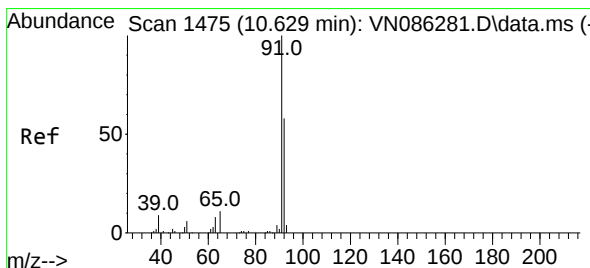
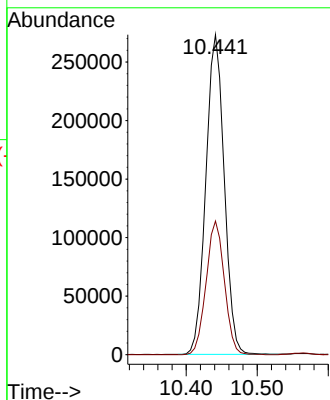
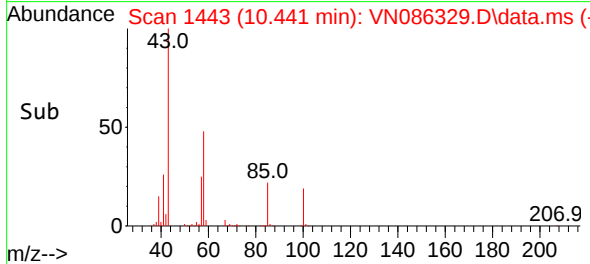
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 49058
Ion Ratio Lower Upper
43 100
58 41.6 32.2 48.4

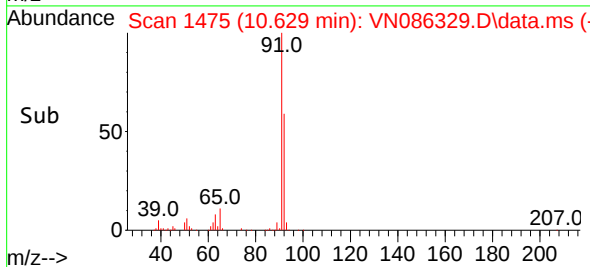
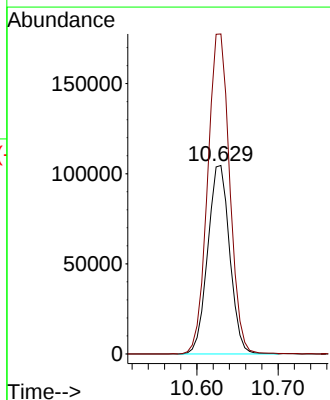
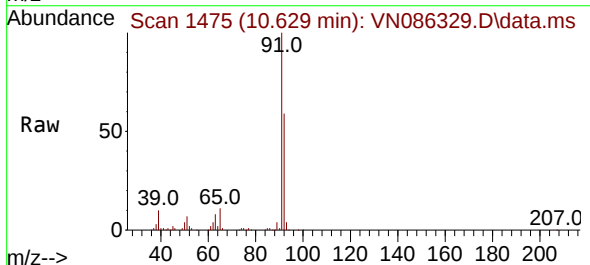
Manual Integrations
APPROVED

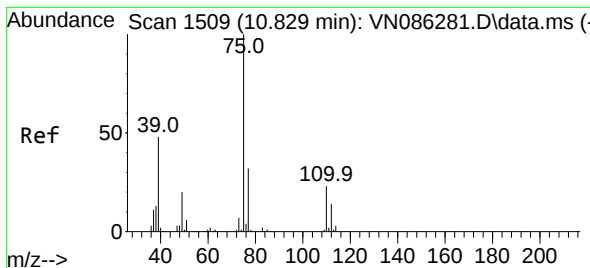
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#52
Toluene
Concen: 41.963 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

Tgt Ion: 92 Resp: 196124
Ion Ratio Lower Upper
92 100
91 171.0 137.3 205.9





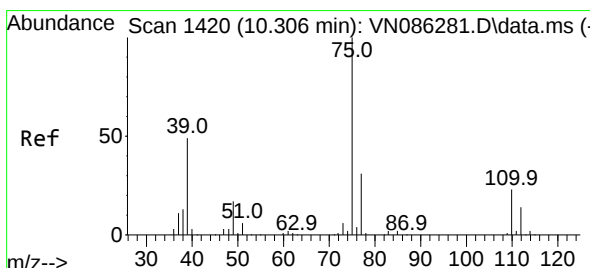
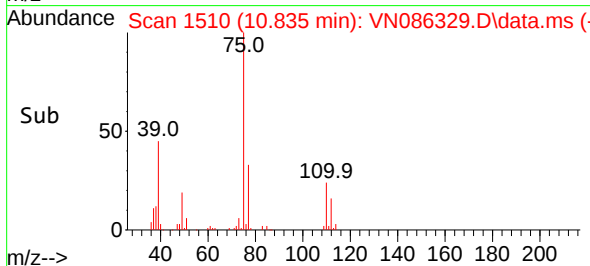
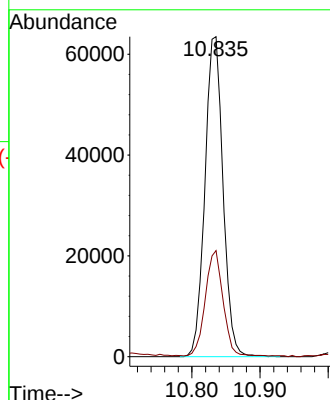
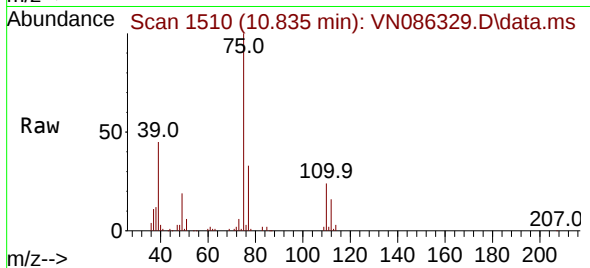
#53
t-1,3-Dichloropropene
Concen: 41.662 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 11734
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.0

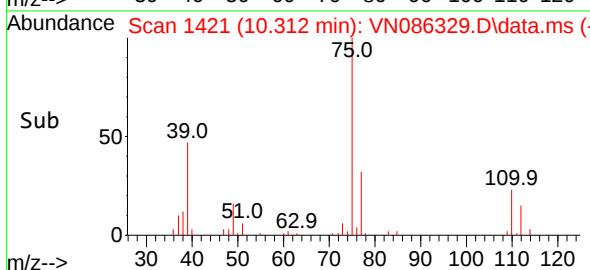
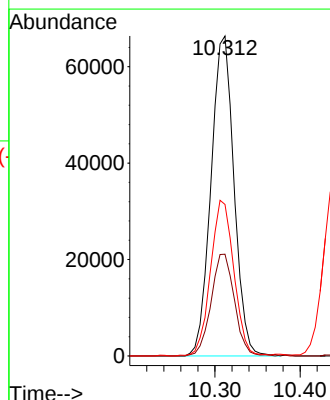
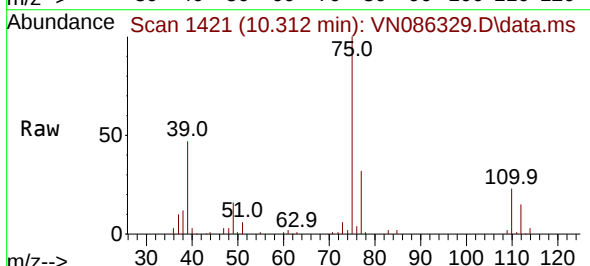
Manual Integrations
APPROVED

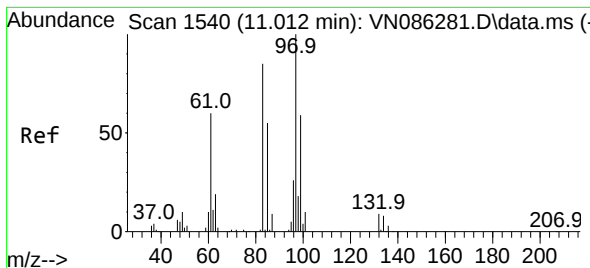
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#54
cis-1,3-Dichloropropene
Concen: 40.239 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

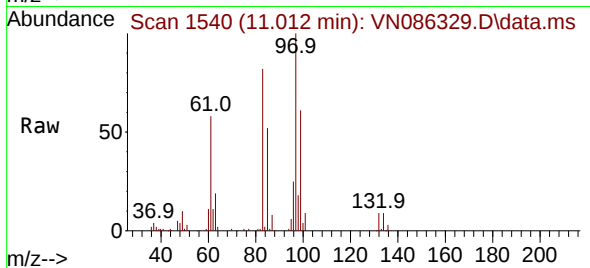
Tgt Ion: 75 Resp: 124479
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8
39 47.1 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 42.515 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

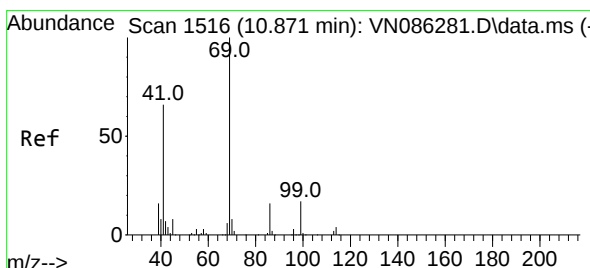
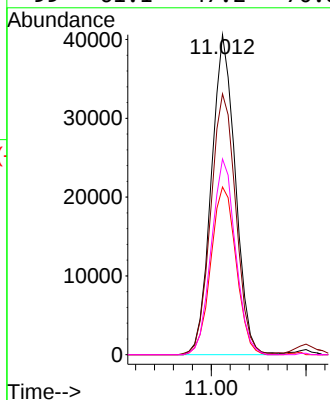
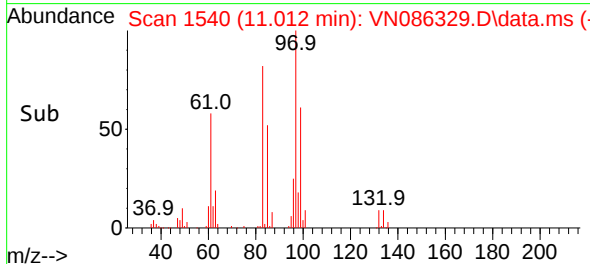
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	7149
Ion	Ratio	Lower	Upper
97	100		
83	81.5	68.4	102.6
85	52.4	43.9	65.9
99	61.1	47.2	70.8

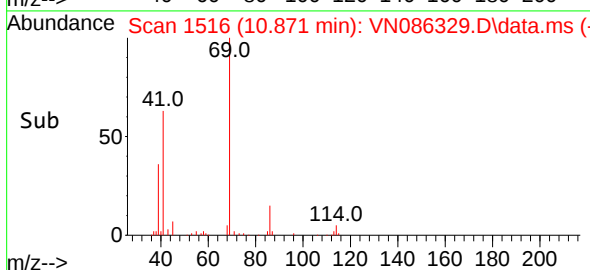
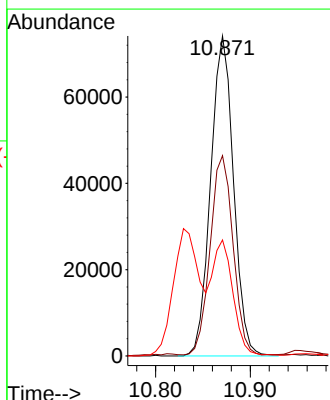
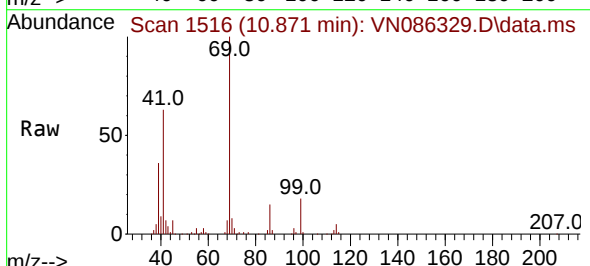
Manual Integrations
APPROVED

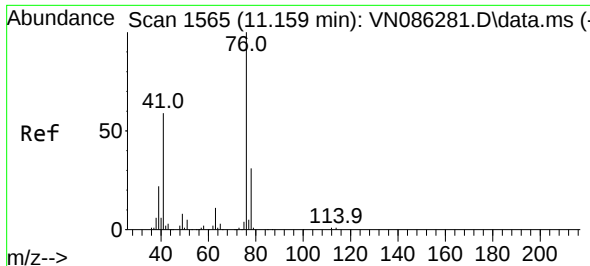
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#56
Ethyl methacrylate
Concen: 40.241 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

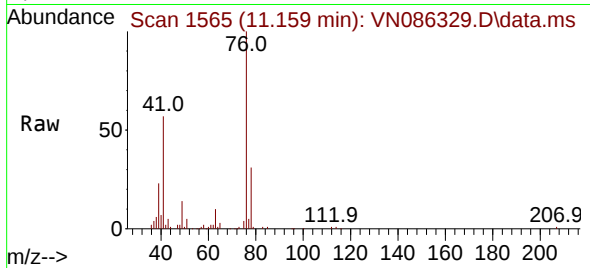
Tgt Ion:	69	Resp:	124383
Ion	Ratio	Lower	Upper
69	100		
41	62.2	51.7	77.5
39	32.7	26.3	39.5





#57
1,3-Dichloropropane
Concen: 42.308 ug/l
RT: 11.159 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

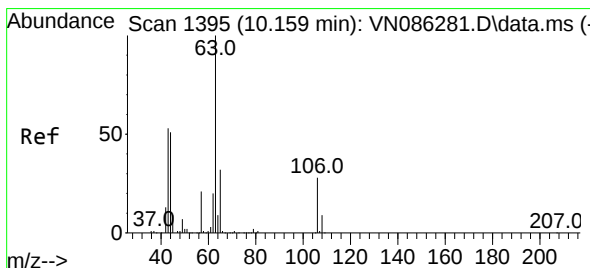
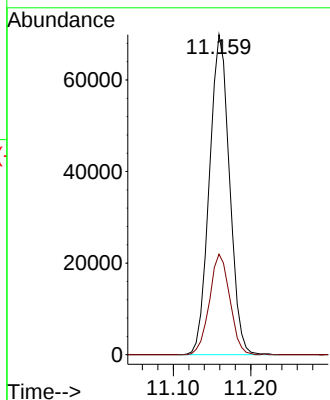
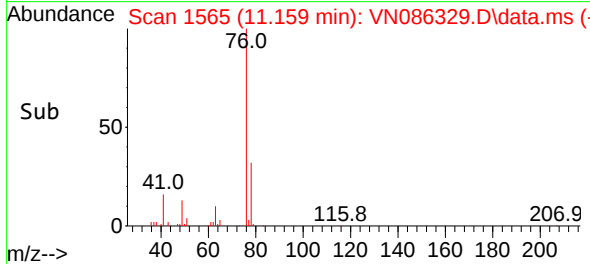
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 126220
Ion Ratio Lower Upper
76 100
78 31.8 25.6 38.4

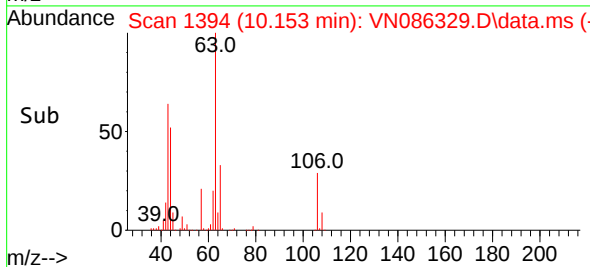
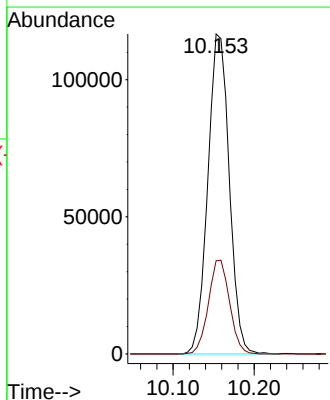
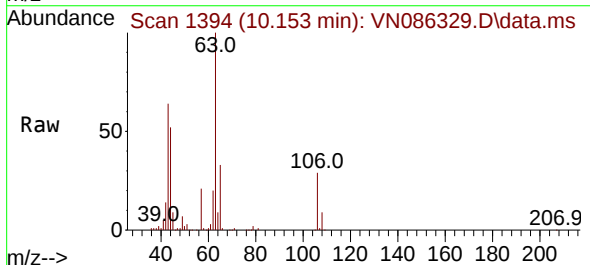
Manual Integrations
APPROVED

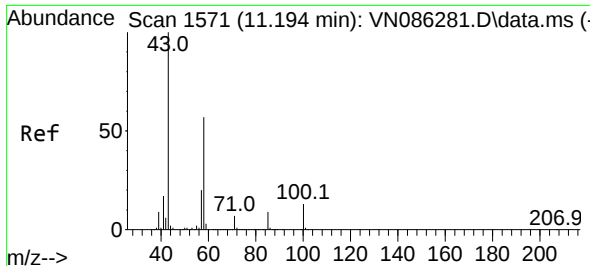
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#58
2-Chloroethyl Vinyl ether
Concen: 145.763 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

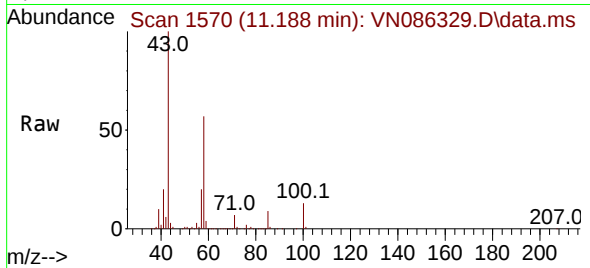
Tgt Ion: 63 Resp: 213846
Ion Ratio Lower Upper
63 100
106 28.9 22.2 33.2





#59
2-Hexanone
Concen: 194.916 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. -0.006 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

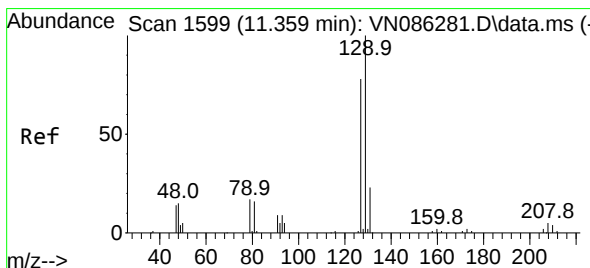
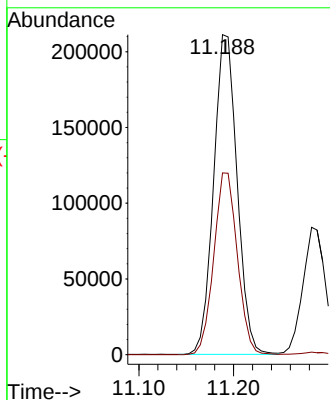
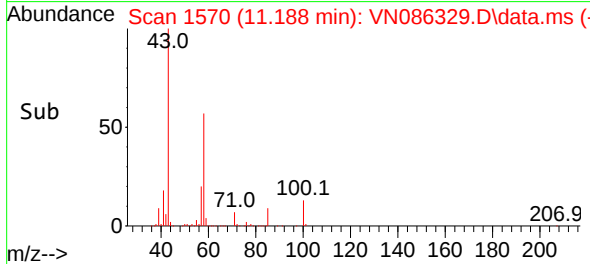
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 364379
Ion Ratio Lower Upper
43 100
58 57.0 28.3 85.0

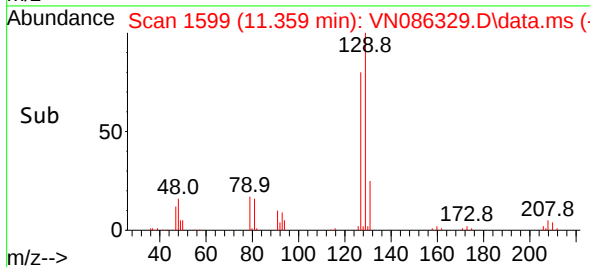
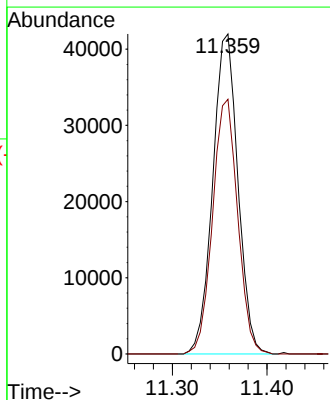
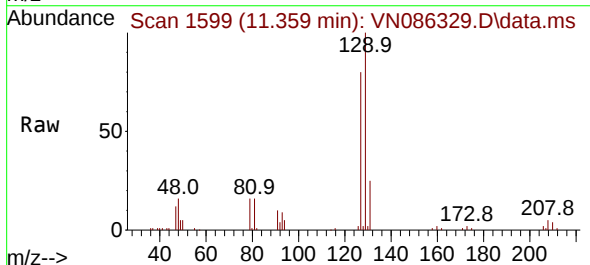
Manual Integrations
APPROVED

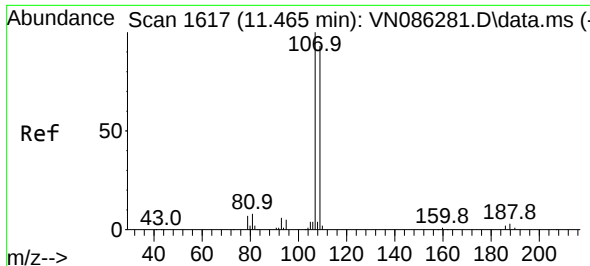
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#60
Dibromochloromethane
Concen: 42.022 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

Tgt Ion:129 Resp: 77594
Ion Ratio Lower Upper
129 100
127 79.3 38.7 116.1





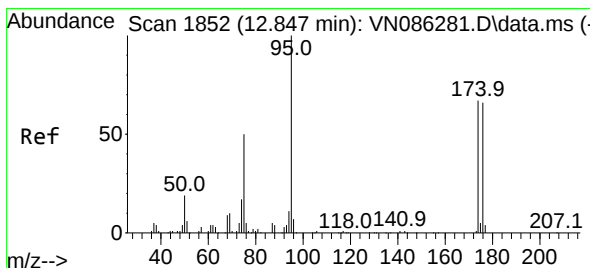
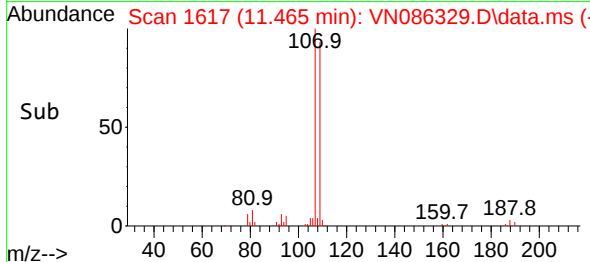
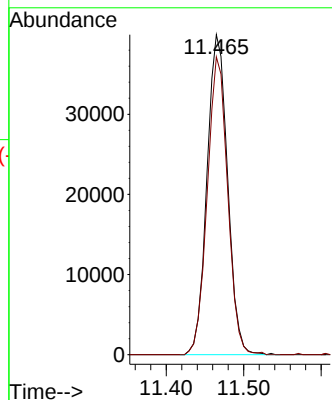
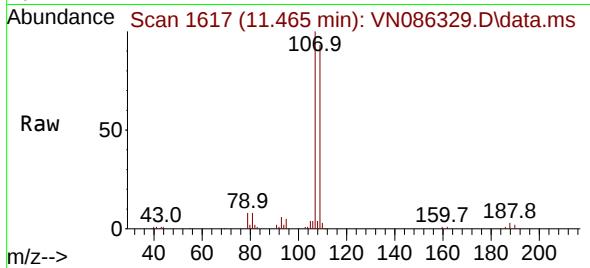
#61
1,2-Dibromoethane
Concen: 43.428 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 73680
Ion Ratio Lower Upper
107 100
109 92.1 75.4 113.0

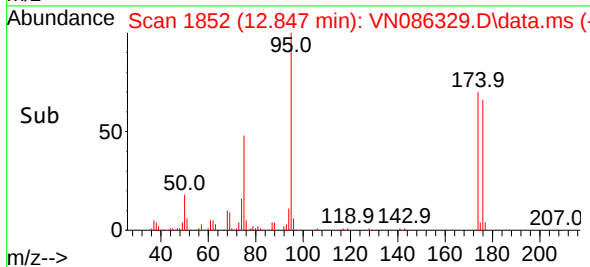
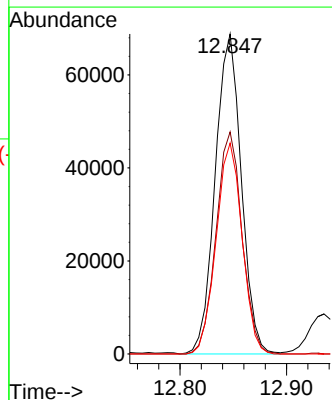
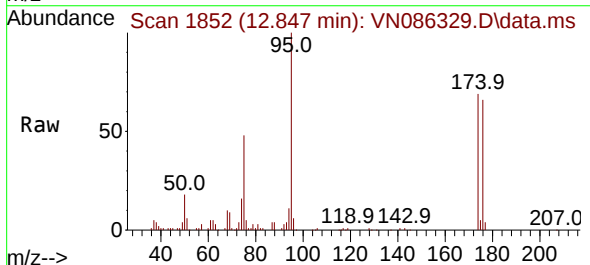
Manual Integrations
APPROVED

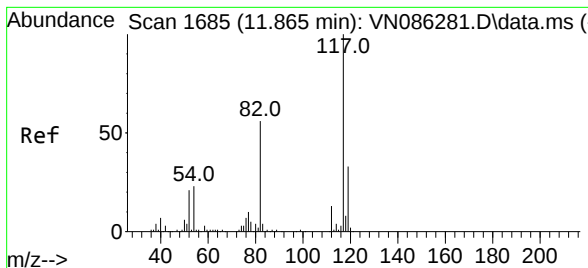
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#62
4-Bromofluorobenzene
Concen: 51.313 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

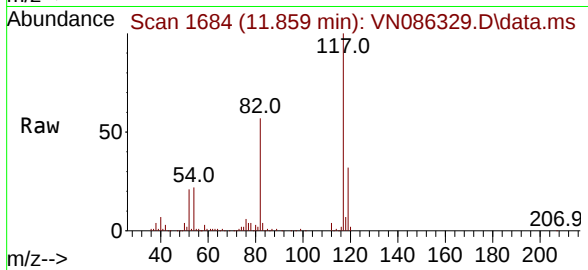
Tgt Ion: 95 Resp: 117080
Ion Ratio Lower Upper
95 100
174 69.0 0.0 133.4
176 65.4 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

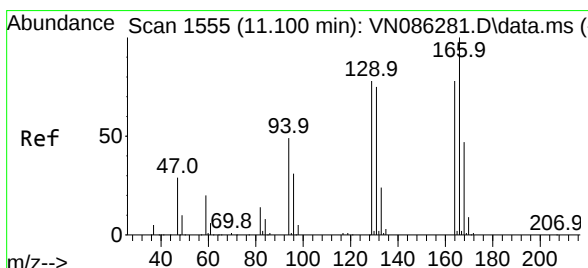
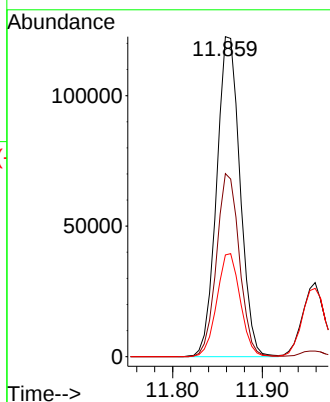
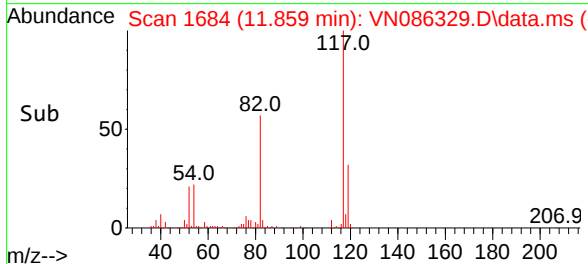
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 222100
Ion Ratio Lower Upper
117 100
82 57.2 44.7 67.1
119 31.8 26.4 39.6

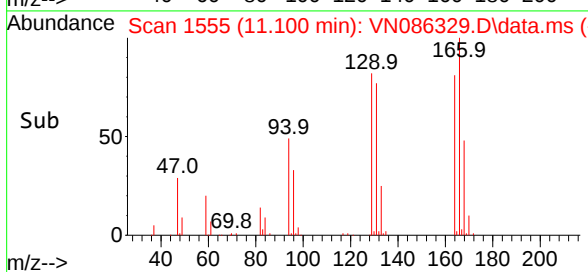
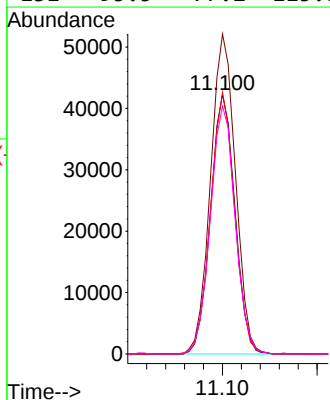
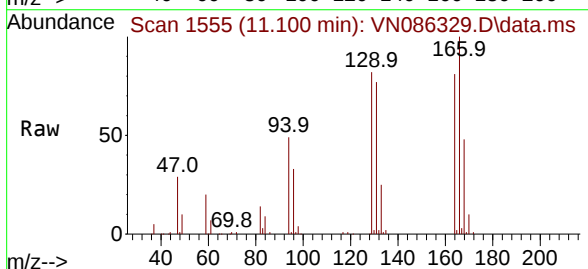
Manual Integrations
APPROVED

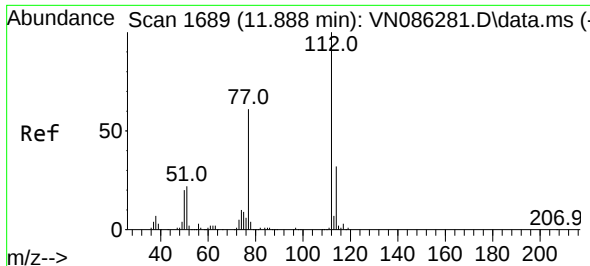
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#64
Tetrachloroethene
Concen: 44.249 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

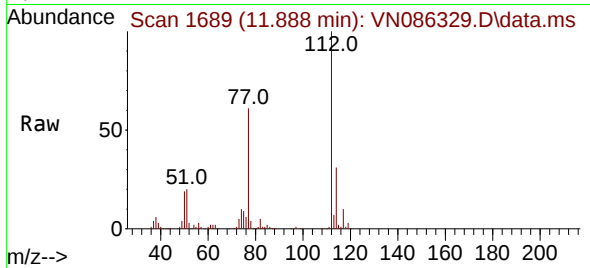
Tgt Ion:164 Resp: 75597
Ion Ratio Lower Upper
164 100
166 123.3 103.0 154.4
129 100.8 80.1 120.1
131 95.5 77.2 115.8





#65
Chlorobenzene
Concen: 41.987 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

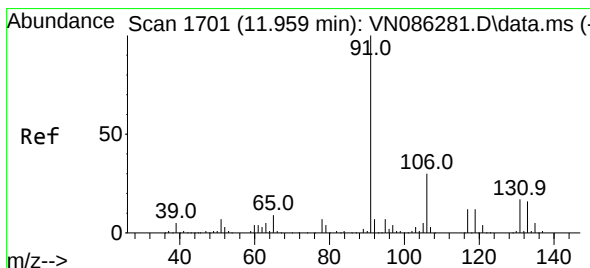
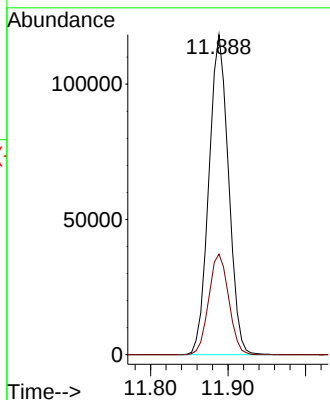
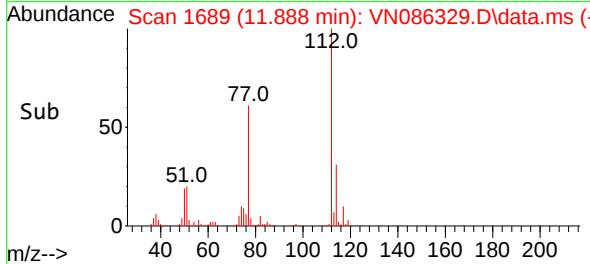
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



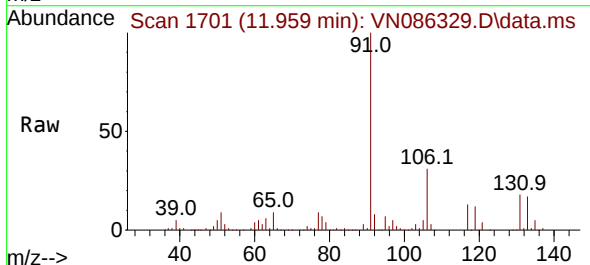
Tgt Ion:112 Resp: 208110
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.0

Manual Integrations
APPROVED

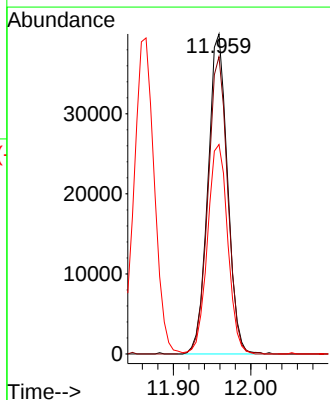
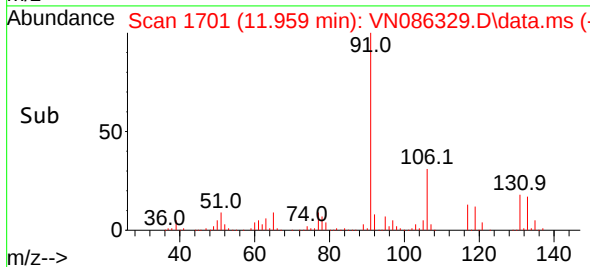
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

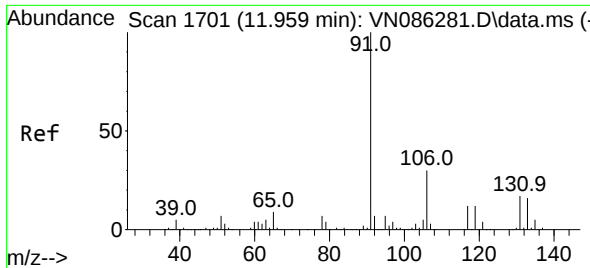


#66
1,1,1,2-Tetrachloroethane
Concen: 42.874 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07



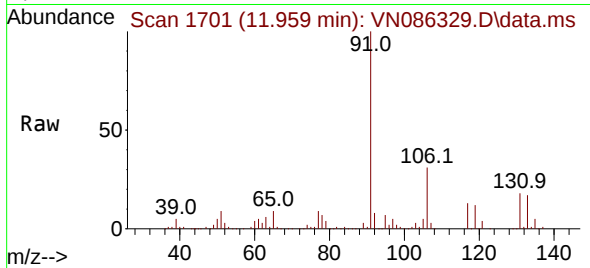
Tgt Ion:131 Resp: 70107
Ion Ratio Lower Upper
131 100
133 93.6 47.1 141.3
119 67.9 33.8 101.4





#67
Ethyl Benzene
Concen: 41.784 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

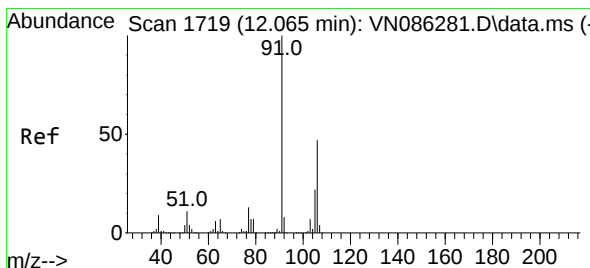
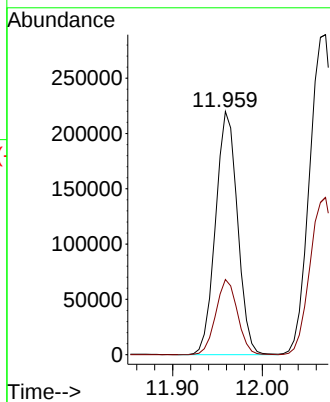
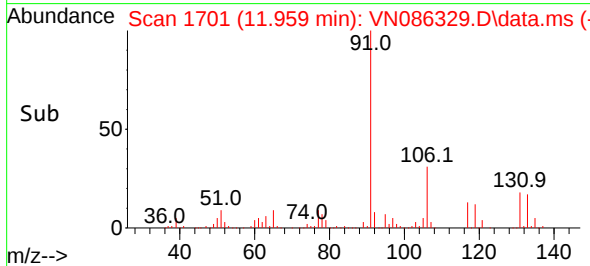
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 373730
Ion Ratio Lower Upper
91 100
106 30.9 24.3 36.5

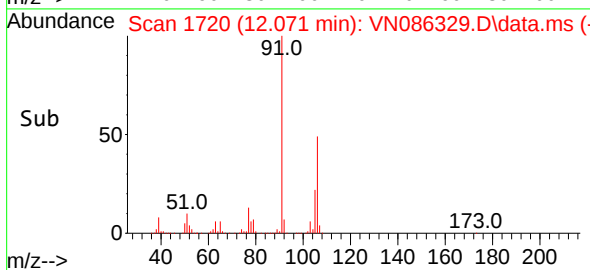
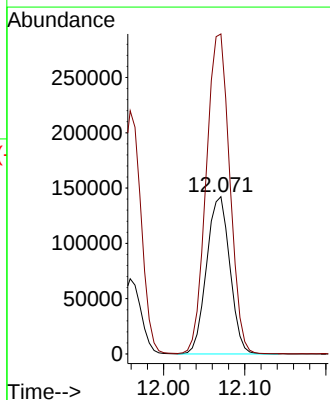
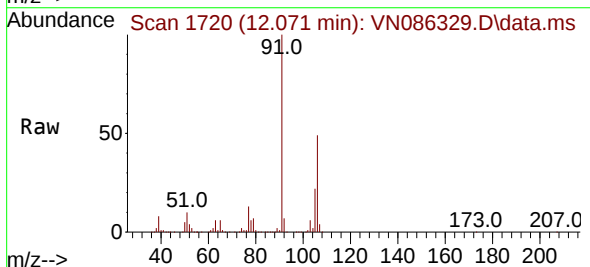
Manual Integrations
APPROVED

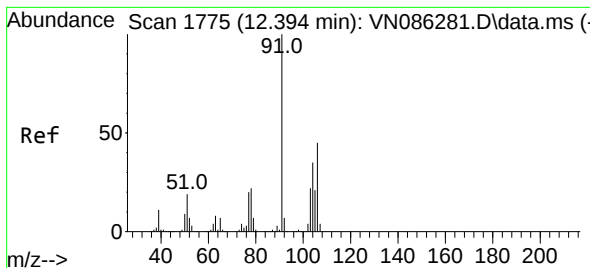
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#68
m/p-Xylenes
Concen: 84.537 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

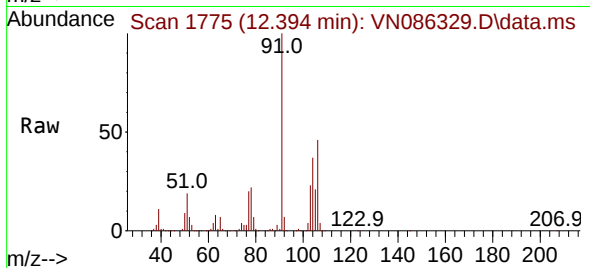
Tgt Ion:106 Resp: 283321
Ion Ratio Lower Upper
106 100
91 205.6 166.5 249.7





#69
o-Xylene
Concen: 42.790 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

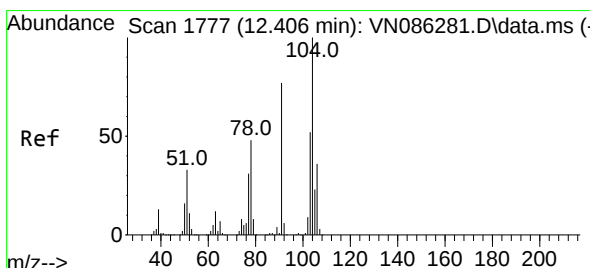
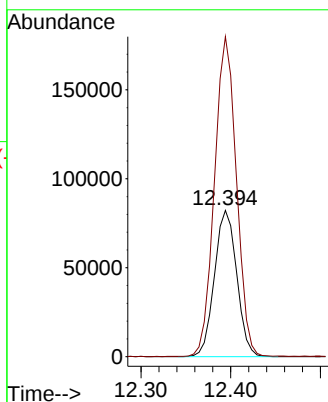
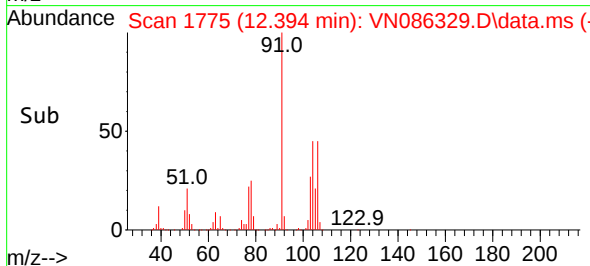
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



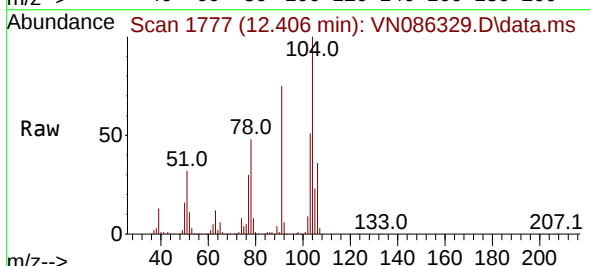
Tgt Ion:106 Resp: 141822
Ion Ratio Lower Upper
106 100
91 216.3 109.7 329.0

Manual Integrations
APPROVED

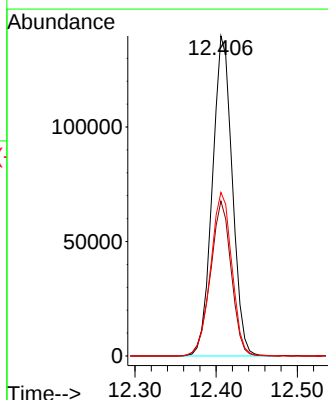
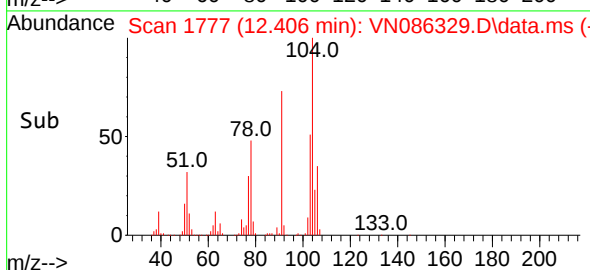
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

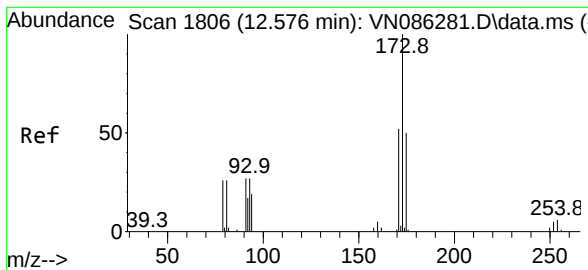


#70
Styrene
Concen: 43.164 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07



Tgt Ion:104 Resp: 238372
Ion Ratio Lower Upper
104 100
78 50.5 40.6 61.0
103 54.7 43.6 65.4





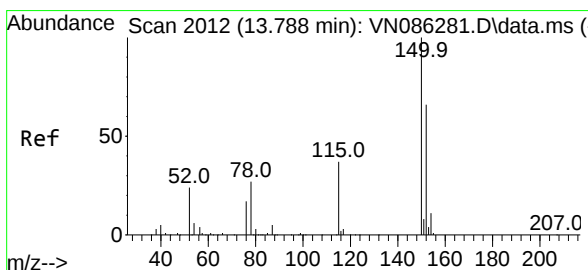
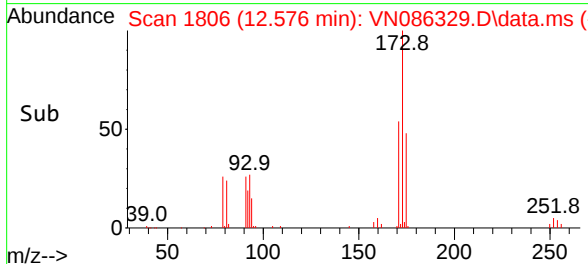
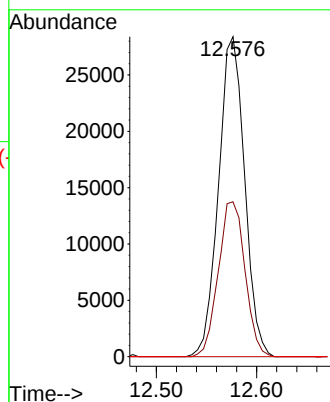
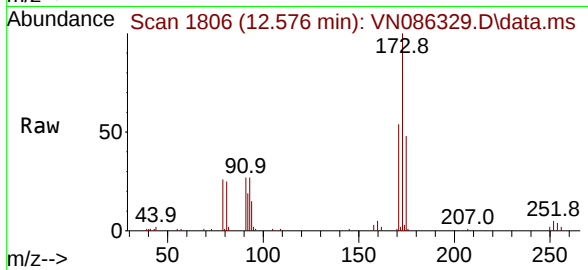
#71
Bromoform
Concen: 41.644 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 51269
Ion Ratio Lower Upper
173 100
175 49.6 24.6 73.6
254 0.0 0.0 0.0

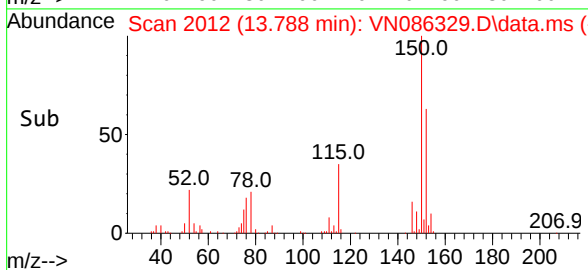
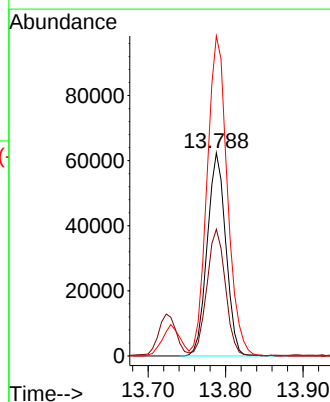
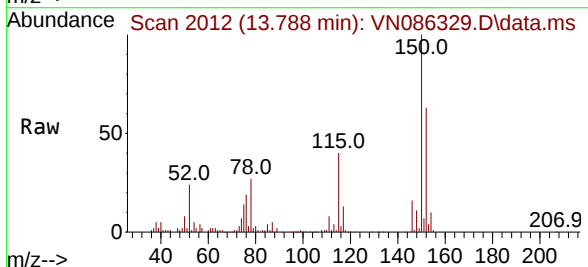
Manual Integrations
APPROVED

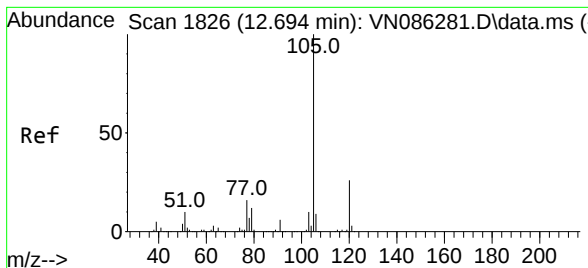
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

Tgt Ion:152 Resp: 103805
Ion Ratio Lower Upper
152 100
115 62.6 31.9 95.9
150 172.0 0.0 352.0





#73

Isopropylbenzene

Concen: 40.375 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086329.D

Acq: 17 Apr 2025 18:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 34284

Ion Ratio Lower Upper

105 100

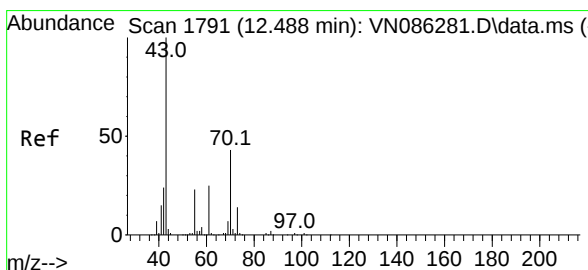
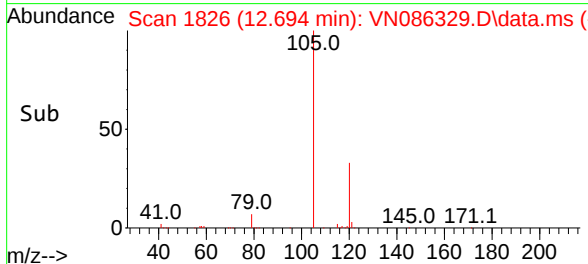
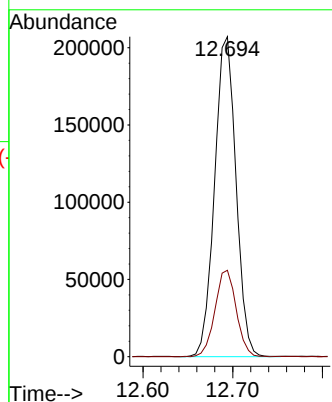
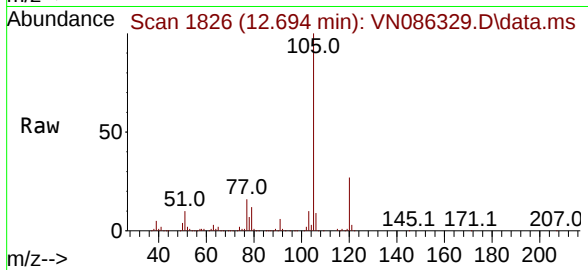
120 26.9 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#74

N-ethyl acetate

Concen: 34.033 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VN086329.D

Acq: 17 Apr 2025 18:07

Tgt Ion: 43 Resp: 143869

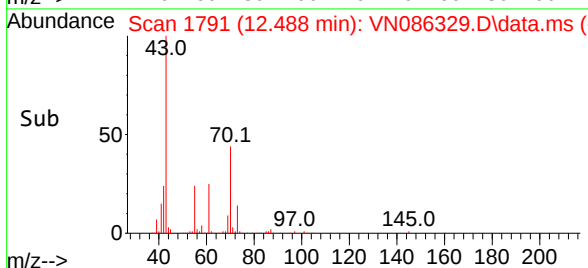
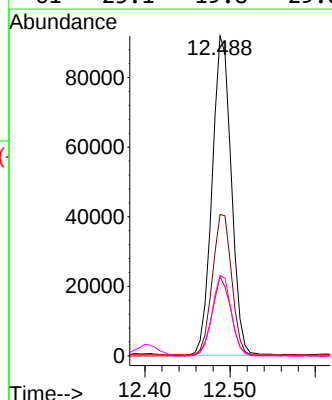
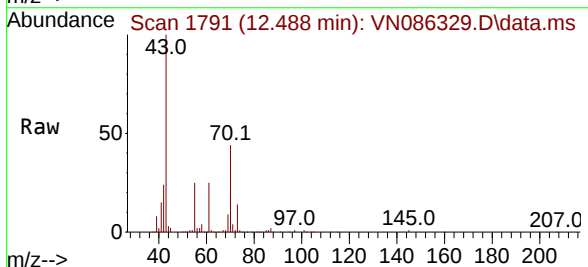
Ion Ratio Lower Upper

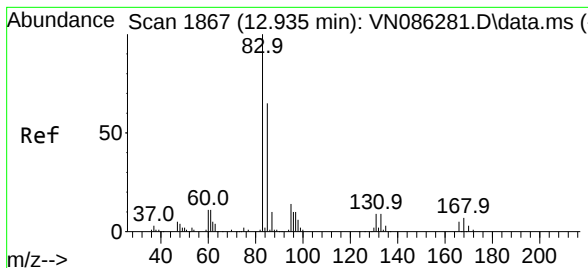
43 100

70 45.1 35.0 52.4

55 23.7 19.0 28.4

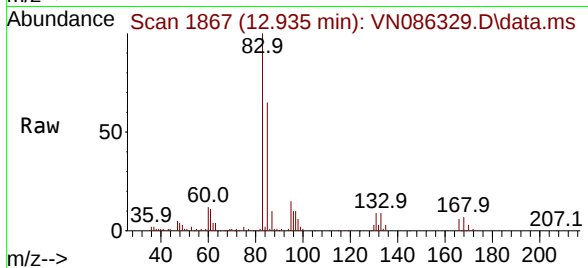
61 25.1 19.8 29.8





#75
1,1,2,2-Tetrachloroethane
Concen: 39.650 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

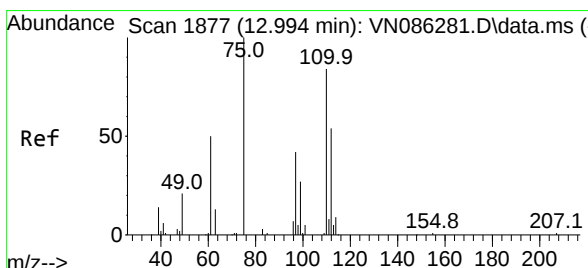
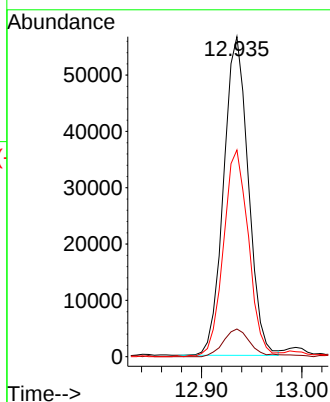
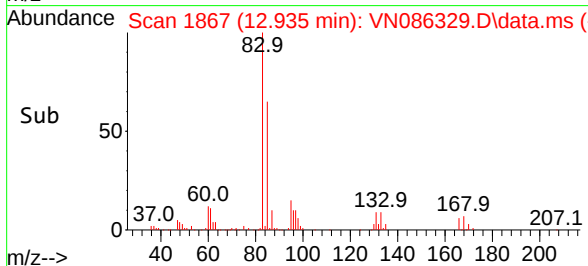
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



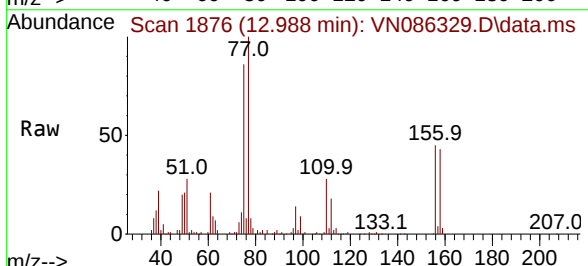
Tgt Ion: 83 Resp: 96808
Ion Ratio Lower Upper
83 100
131 9.9 4.7 14.1
85 65.9 32.7 98.1

Manual Integrations
APPROVED

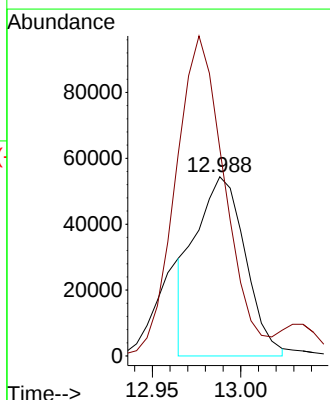
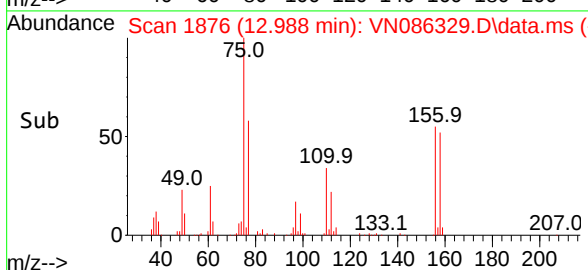
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

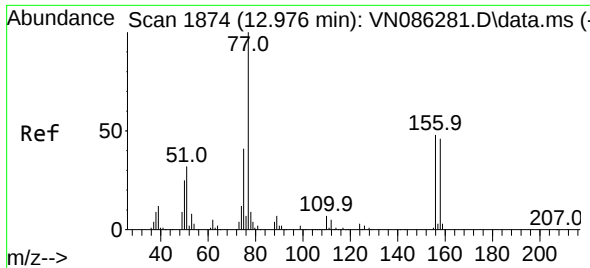


#76
1,2,3-Trichloropropane
Concen: 43.486 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07



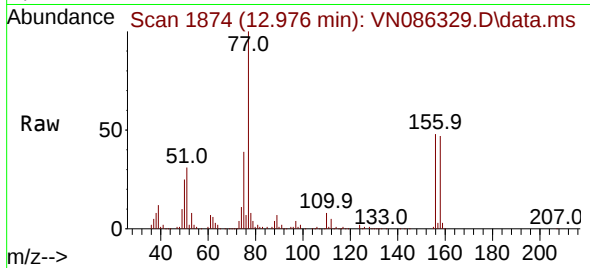
Tgt Ion: 75 Resp: 106525
Ion Ratio Lower Upper
75 100
77 177.9 98.8 296.4





#77
Bromobenzene
Concen: 43.113 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

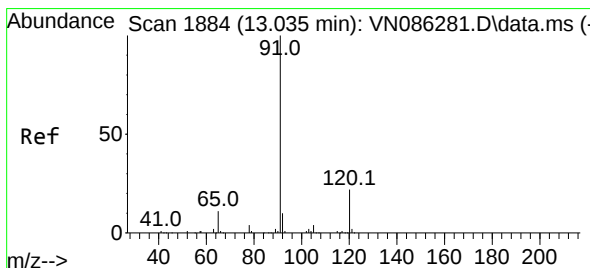
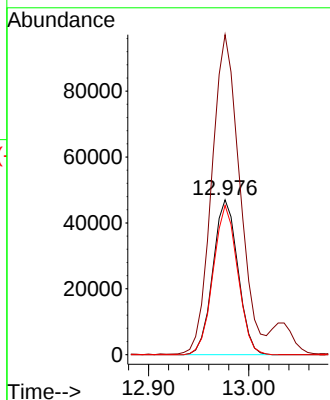
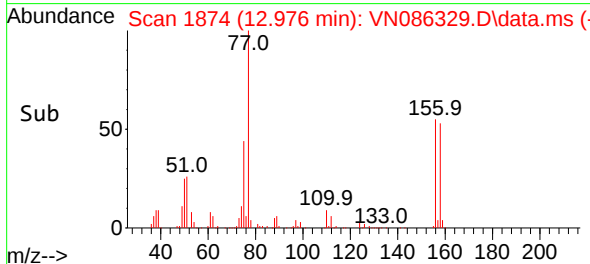
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 81110
Ion Ratio Lower Upper
156 100
77 233.7 121.1 363.1
158 95.0 47.9 143.6

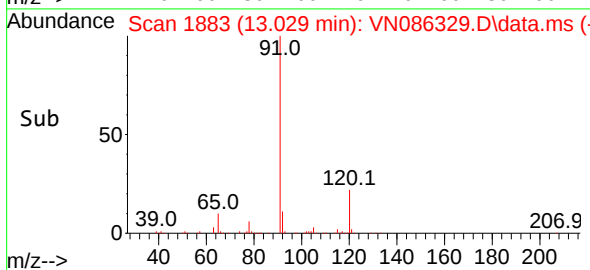
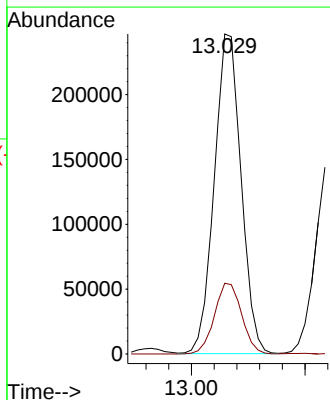
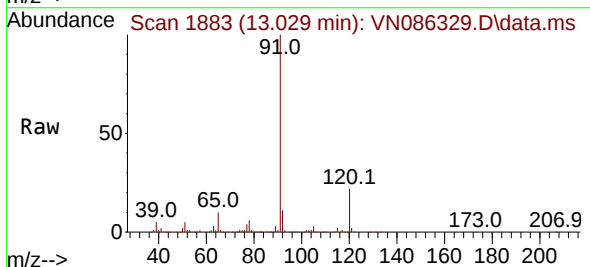
Manual Integrations
APPROVED

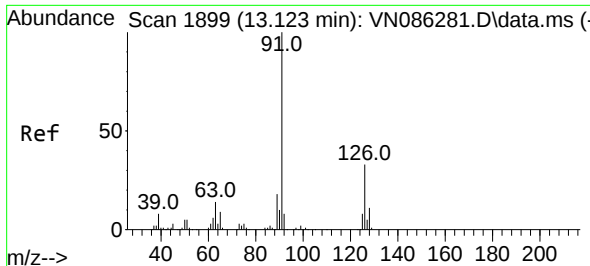
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#78
n-propylbenzene
Concen: 40.377 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

Tgt Ion: 91 Resp: 404018
Ion Ratio Lower Upper
91 100
120 22.4 11.1 33.3





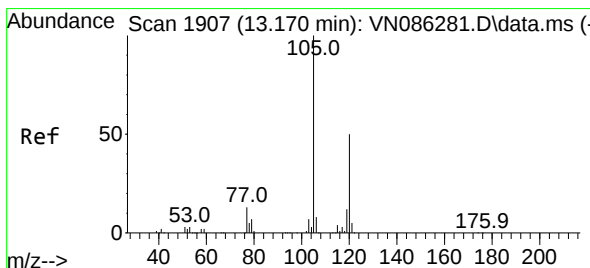
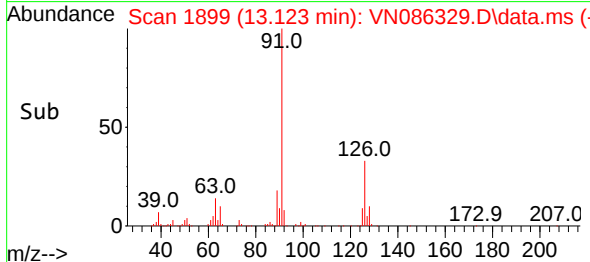
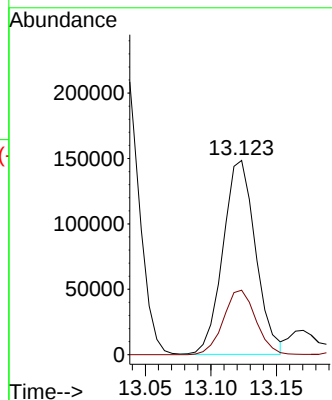
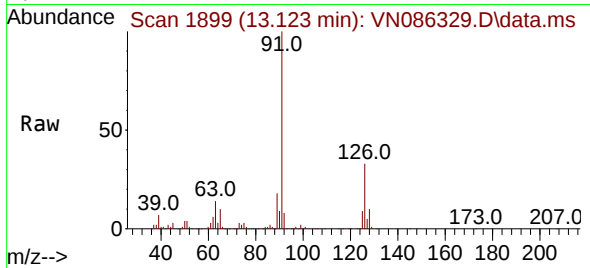
#79
2-Chlorotoluene
Concen: 41.053 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 257044
Ion Ratio Lower Upper
91 100
126 33.1 16.1 48.2

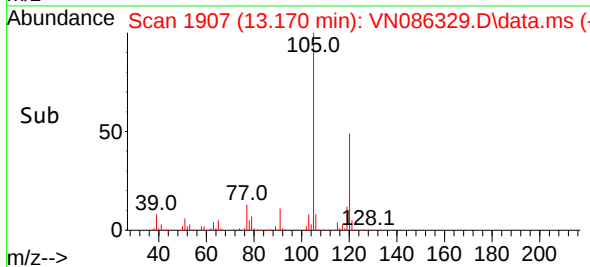
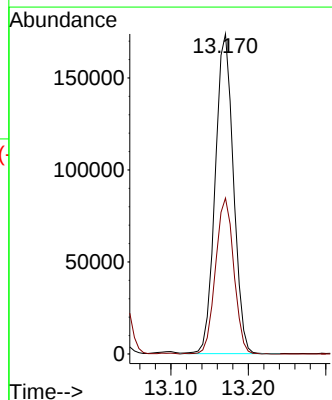
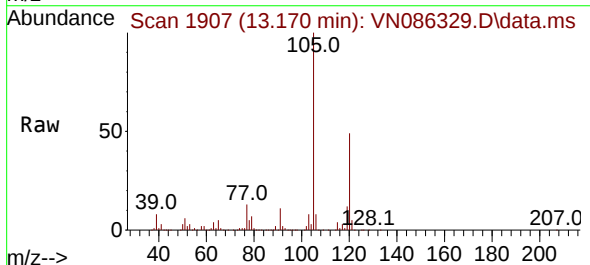
Manual Integrations
APPROVED

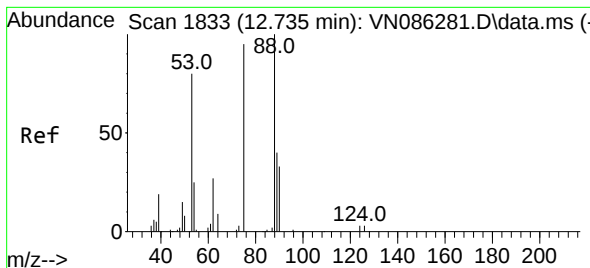
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#80
1,3,5-Trimethylbenzene
Concen: 40.745 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

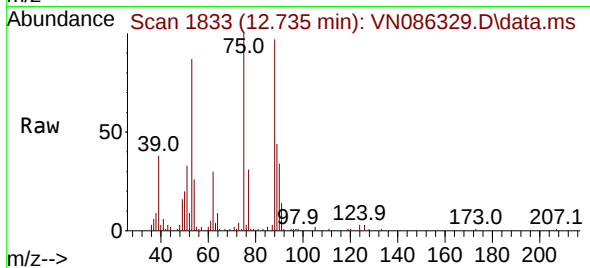
Tgt Ion:105 Resp: 283175
Ion Ratio Lower Upper
105 100
120 48.9 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 42.775 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

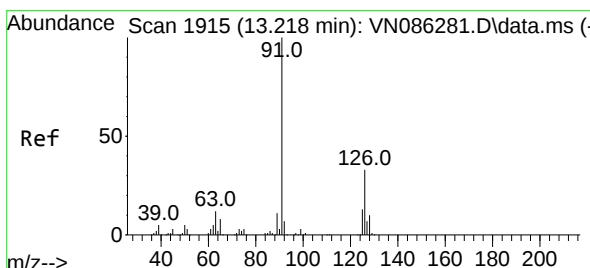
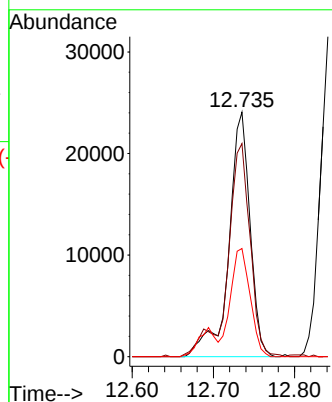
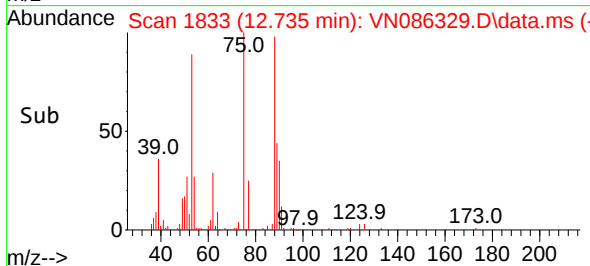
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 43630
Ion Ratio Lower Upper
75 100
53 81.9 79.2 118.8
89 41.2 35.7 53.5

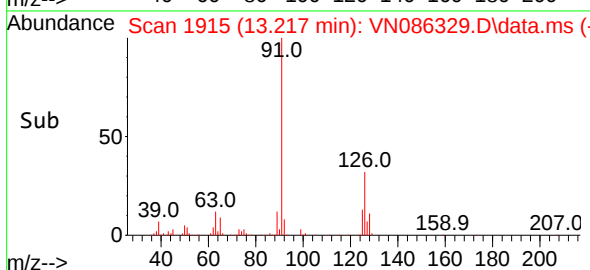
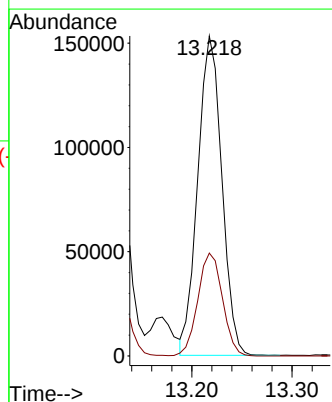
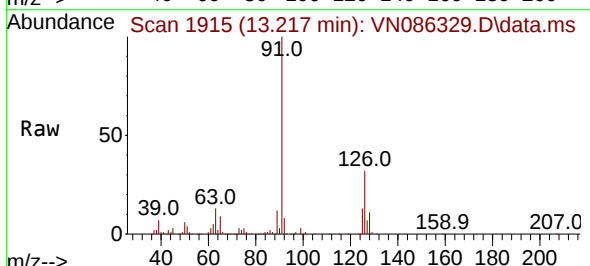
Manual Integrations
APPROVED

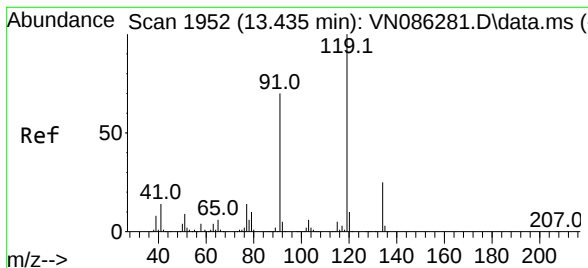
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#82
4-Chlorotoluene
Concen: 41.079 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

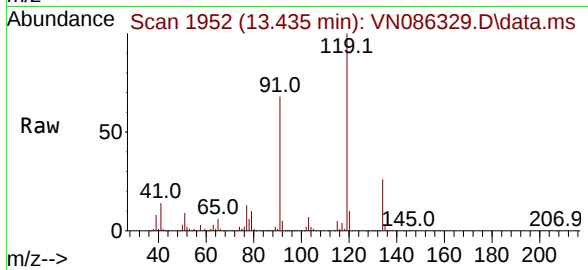
Tgt Ion: 91 Resp: 255499
Ion Ratio Lower Upper
91 100
126 33.0 16.2 48.6





#83
tert-Butylbenzene
Concen: 40.115 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

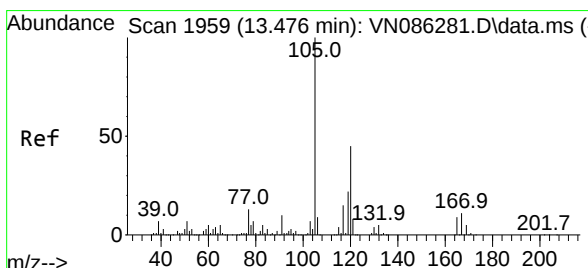
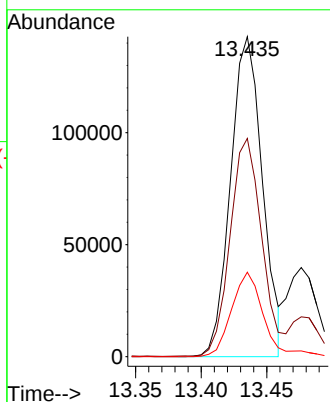
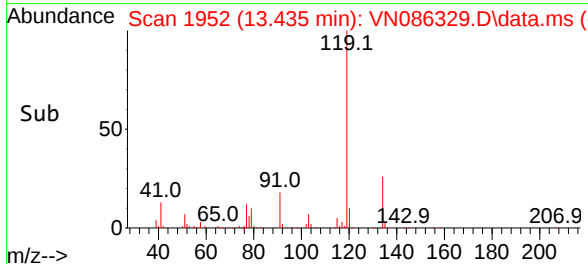
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



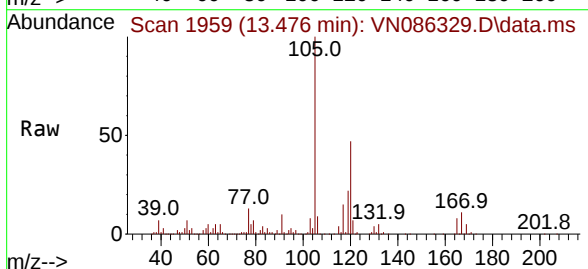
Tgt Ion:119 Resp: 241572
Ion Ratio Lower Upper
119 100
91 68.3 34.4 103.3
134 26.6 13.0 39.0

Manual Integrations
APPROVED

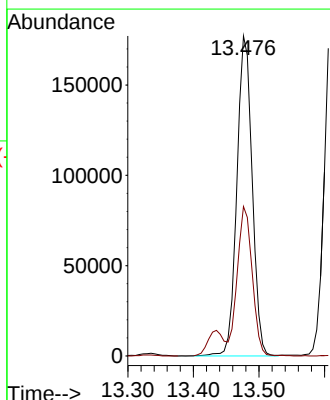
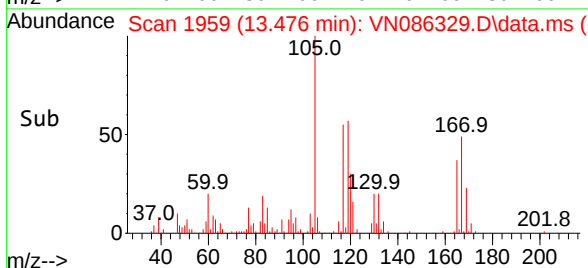
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

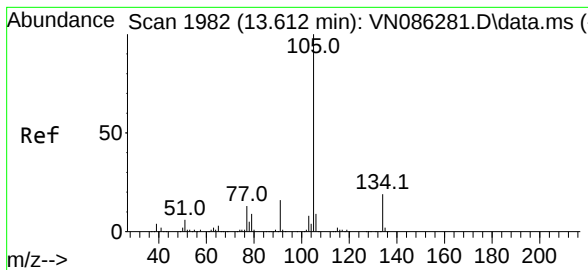


#84
1,2,4-Trimethylbenzene
Concen: 40.690 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07



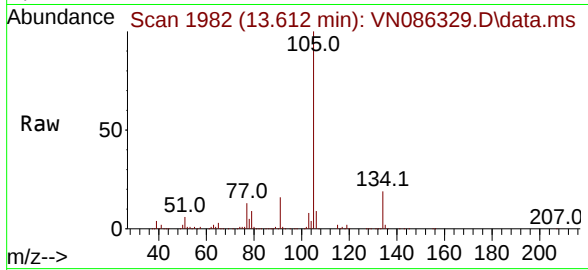
Tgt Ion:105 Resp: 287860
Ion Ratio Lower Upper
105 100
120 45.1 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 40.226 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086329.D
 Acq: 17 Apr 2025 18:07

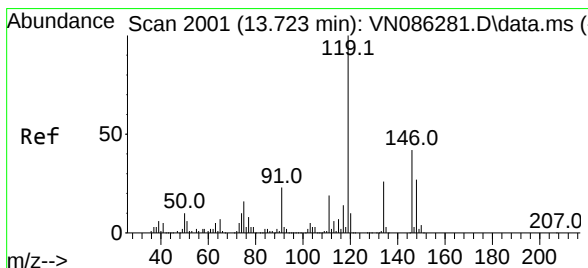
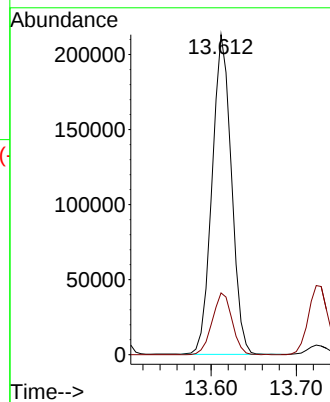
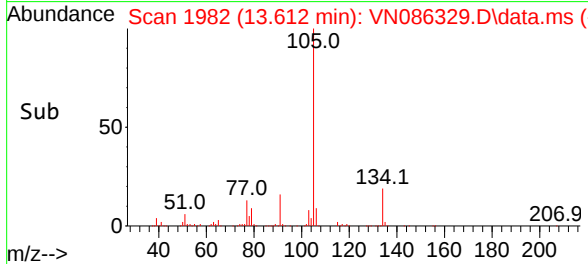
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



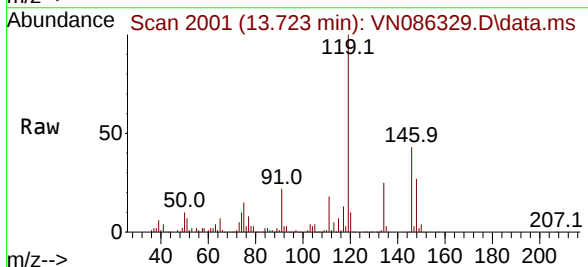
Tgt Ion:105 Resp: 336010
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.7 29.1

Manual Integrations
 APPROVED

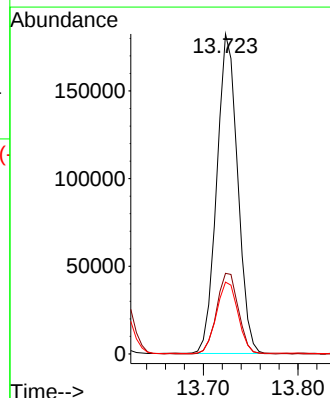
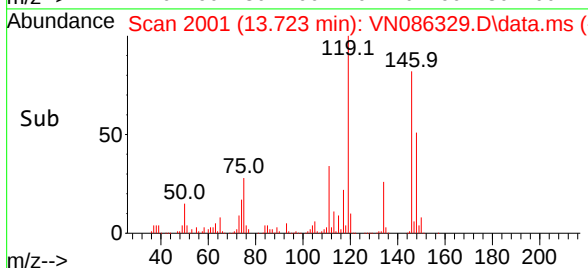
Reviewed By :John Carlone 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025

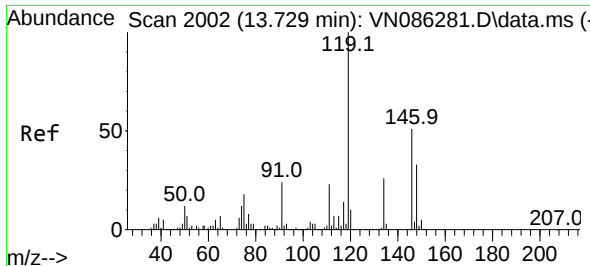


#86
 p-Isopropyltoluene
 Concen: 40.570 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086329.D
 Acq: 17 Apr 2025 18:07



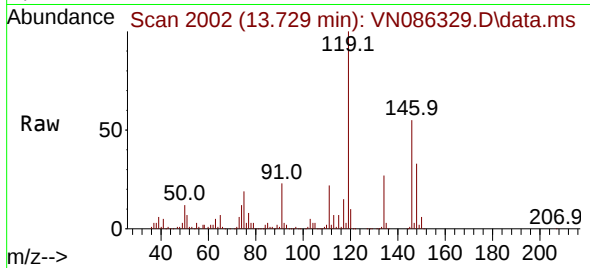
Tgt Ion:119 Resp: 279323
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.1
 91 23.2 11.9 35.9





#87
1,3-Dichlorobenzene
Concen: 42.683 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

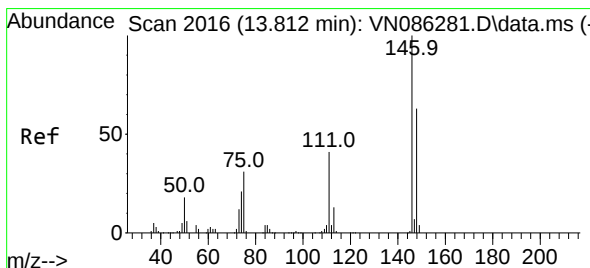
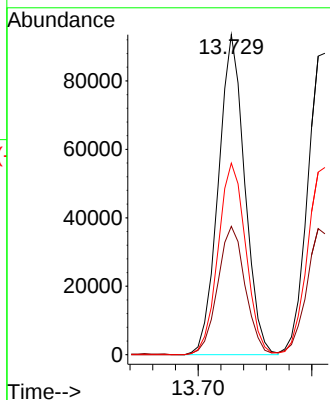
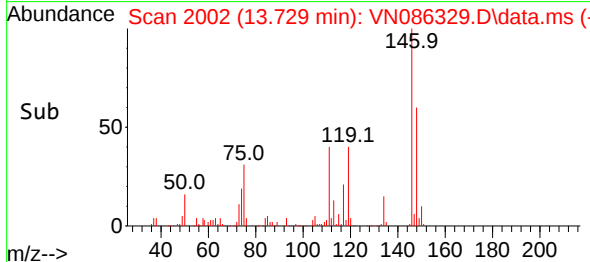
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



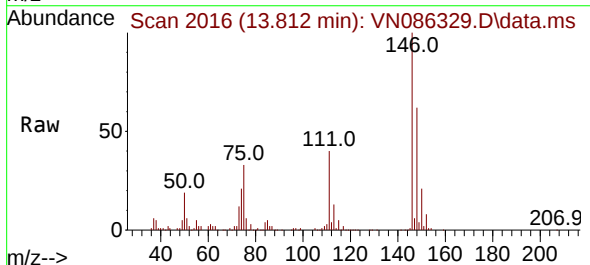
Tgt Ion:146 Resp: 150960
Ion Ratio Lower Upper
146 100
111 41.8 21.9 65.7
148 62.7 31.9 95.5

Manual Integrations
APPROVED

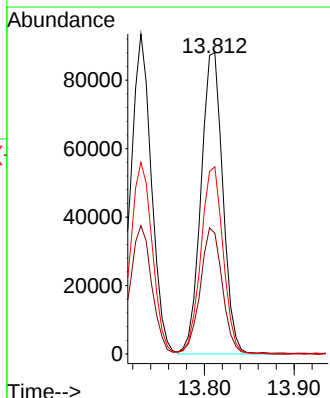
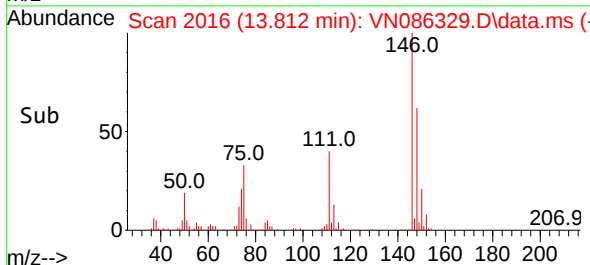
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

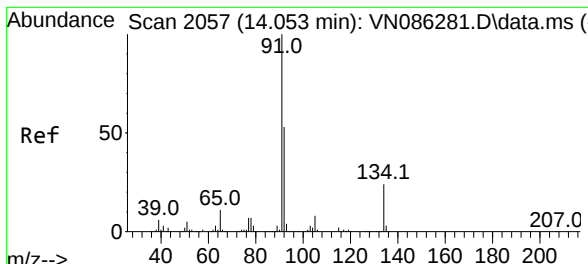


#88
1,4-Dichlorobenzene
Concen: 41.787 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07



Tgt Ion:146 Resp: 148864
Ion Ratio Lower Upper
146 100
111 41.7 21.3 63.9
148 63.2 31.9 95.9





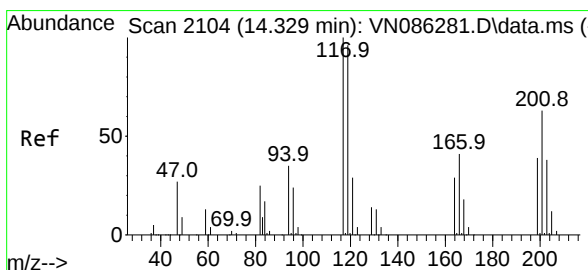
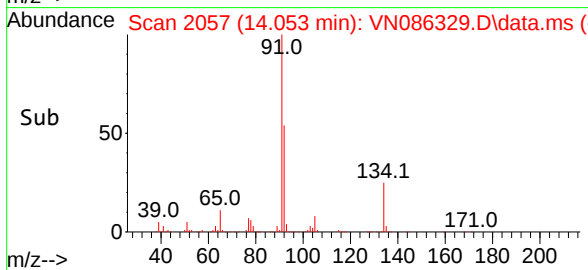
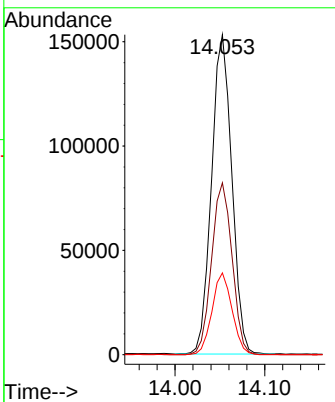
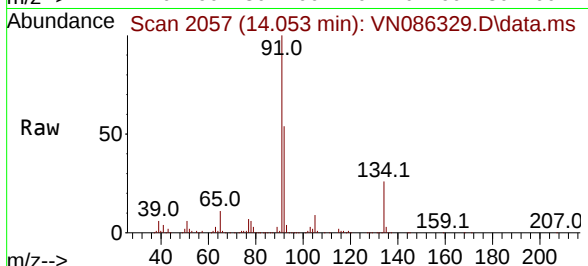
#89
 n-Butylbenzene
 Concen: 39.345 ug/l
 RT: 14.053 min Scan# 2057
 Delta R.T. -0.000 min
 Lab File: VN086329.D
 Acq: 17 Apr 2025 18:07

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC

Tgt Ion:	91	Resp:	24010
Ion Ratio	Lower	Upper	
91	100		
92	54.4	26.8	80.4
134	25.3	12.2	36.6

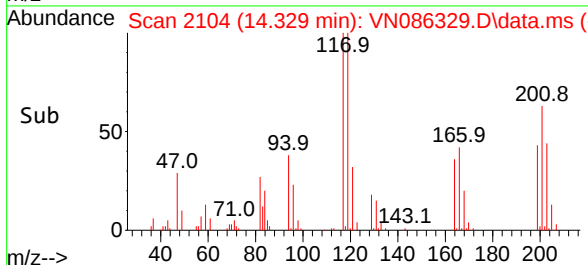
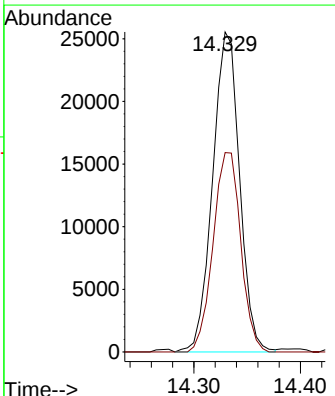
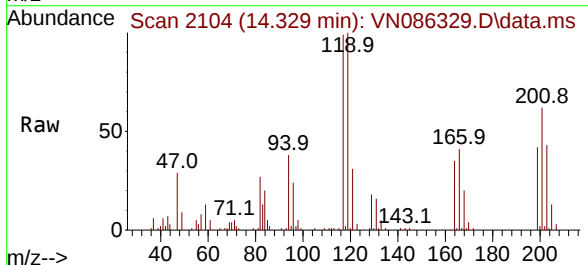
Manual Integrations
 APPROVED

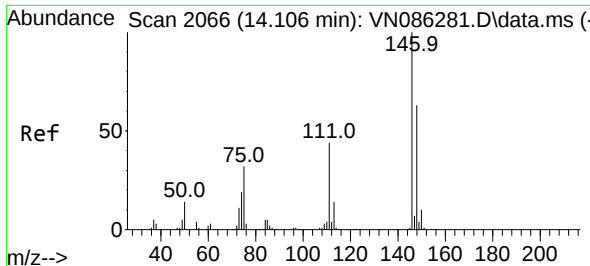
Reviewed By :John Carlone 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025



#90
 Hexachloroethane
 Concen: 38.725 ug/l
 RT: 14.329 min Scan# 2104
 Delta R.T. -0.000 min
 Lab File: VN086329.D
 Acq: 17 Apr 2025 18:07

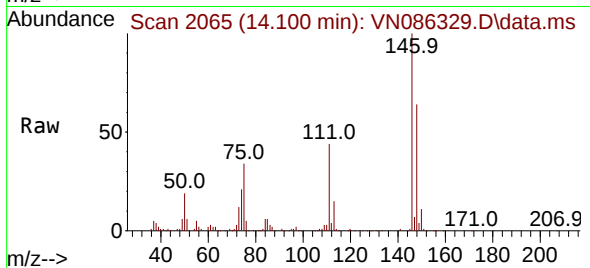
Tgt Ion:	117	Resp:	44847
Ion Ratio	Lower	Upper	
117	100		
201	63.8	31.4	94.2





#91
1,2-Dichlorobenzene
Concen: 42.244 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

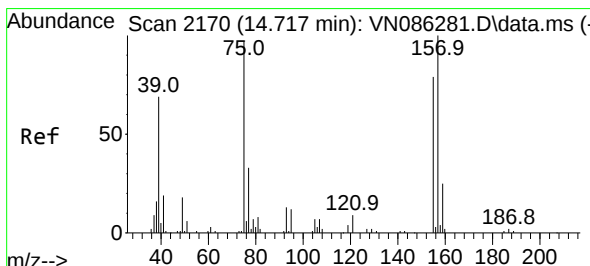
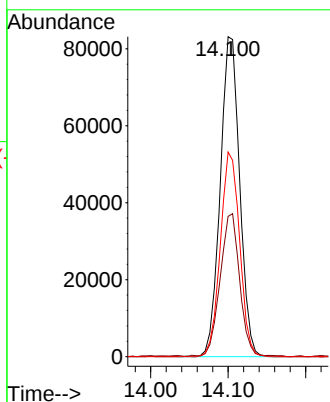
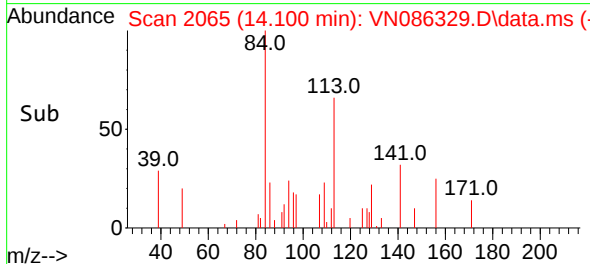
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 144859
Ion Ratio Lower Upper
146 100
111 45.3 22.4 67.0
148 63.5 31.8 95.4

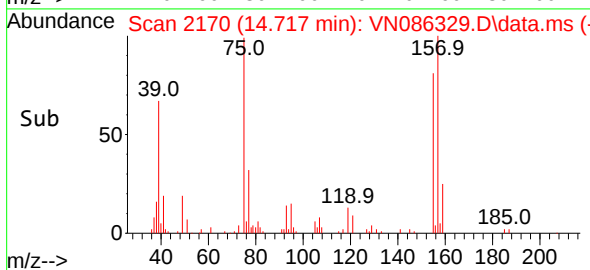
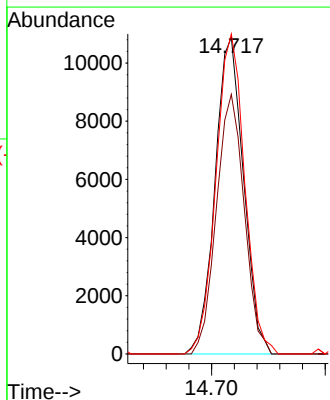
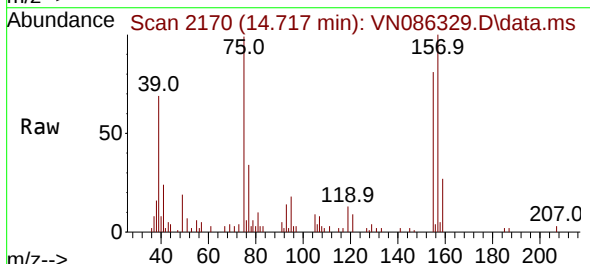
Manual Integrations
APPROVED

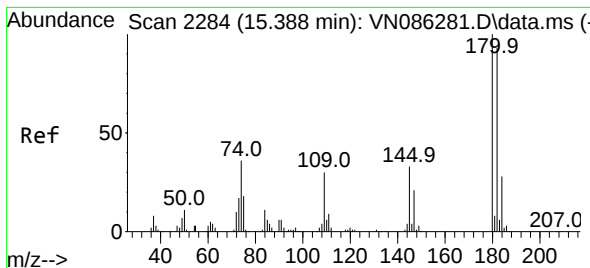
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 38.440 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

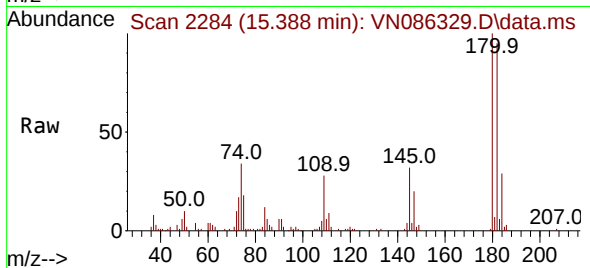
Tgt Ion: 75 Resp: 18924
Ion Ratio Lower Upper
75 100
155 80.4 40.3 120.9
157 102.1 49.0 147.2





#93
1,2,4-Trichlorobenzene
Concen: 39.285 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

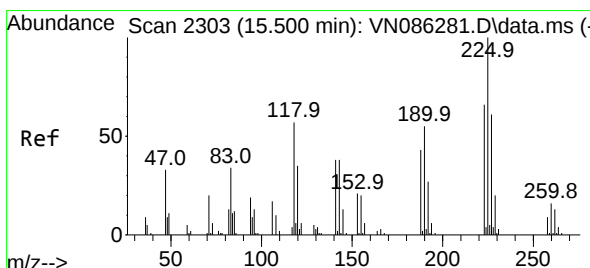
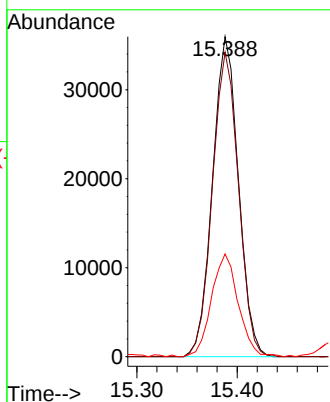
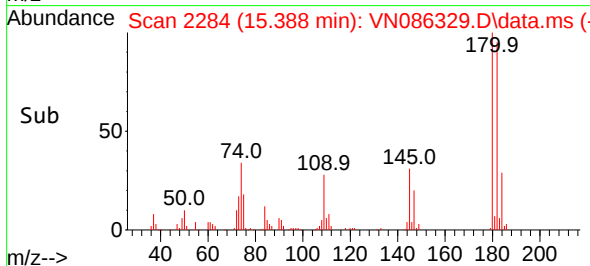
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



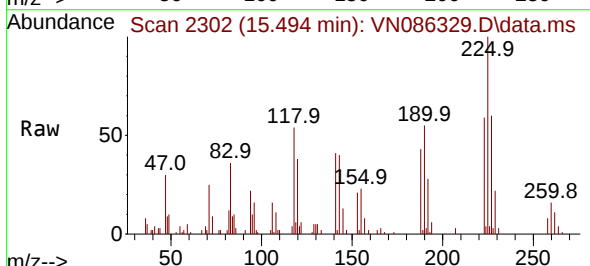
Tgt Ion:180 Resp: 6450
Ion Ratio Lower Upper
180 100
182 95.6 47.0 141.0
145 33.2 16.4 49.1

Manual Integrations
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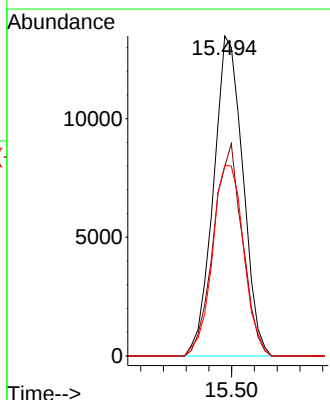
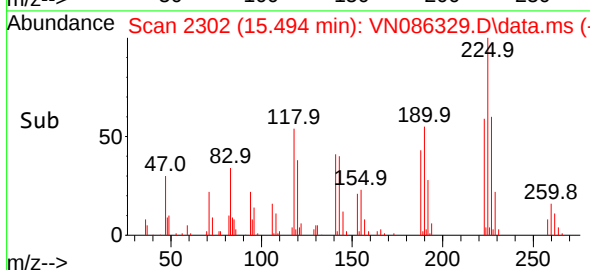
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

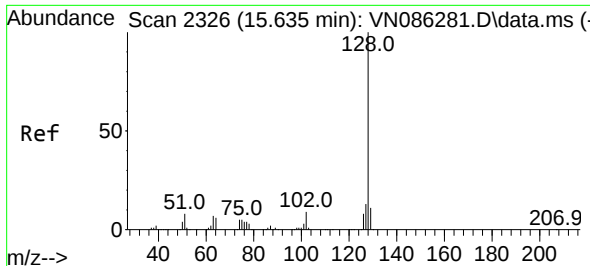


#94
Hexachlorobutadiene
Concen: 39.038 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07



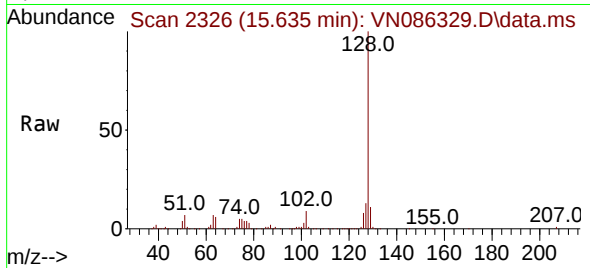
Tgt Ion:225 Resp: 24197
Ion Ratio Lower Upper
225 100
223 65.2 32.8 98.3
227 63.3 31.4 94.0





#95
Naphthalene
Concen: 40.100 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

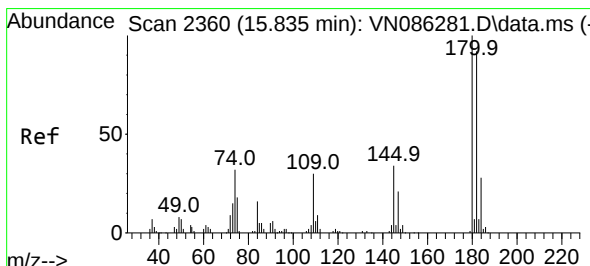
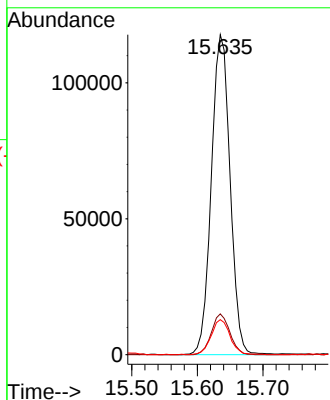
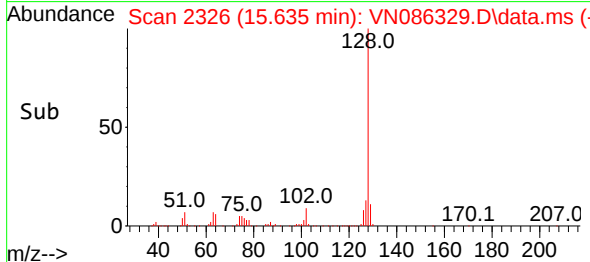
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 23340
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 38.837 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086329.D
Acq: 17 Apr 2025 18:07

Tgt Ion:180 Resp: 60374
Ion Ratio Lower Upper
180 100
182 97.3 47.3 142.0
145 35.8 17.2 51.5

