

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
 Data File : VN086423.D
 Acq On : 29 Apr 2025 03:44
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/29/2025
 Supervised By : Semsettin Yesilyurt 04/29/2025

Quant Time: Apr 29 04:12:28 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	8.218	168	190690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	349928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	324680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	155947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	135283	48.924	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.840%		
35) Dibromofluoromethane	8.165	113	78606	48.401	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.800%		
50) Toluene-d8	10.565	98	439235	50.604	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.200%		
62) 4-Bromofluorobenzene	12.847	95	162512	51.332	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	88903	39.329	ug/l	100
3) Chloromethane	2.359	50	118401	36.040	ug/l	99
4) Vinyl Chloride	2.518	62	118326	37.743	ug/l	100
5) Bromomethane	2.942	94	62429	44.270	ug/l	99
6) Chloroethane	3.112	64	81949	39.057	ug/l	99
7) Trichlorofluoromethane	3.495	101	148428	42.742	ug/l	100
8) Diethyl Ether	3.959	74	60674	40.022	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.365	101	89880	42.784	ug/l	98
10) Methyl Iodide	4.583	142	113405	49.101	ug/l	96
11) Tert butyl alcohol	5.518	59	98679	195.586	ug/l	99
12) 1,1-Dichloroethene	4.342	96	91470	40.755	ug/l	97
13) Acrolein	4.177	56	52419	221.065	ug/l	98
14) Allyl chloride	5.024	41	140137	35.123	ug/l	97
15) Acrylonitrile	5.718	53	261413	209.597	ug/l	100
16) Acetone	4.424	43	211254	220.290	ug/l	99
17) Carbon Disulfide	4.706	76	219091	32.602	ug/l	96
18) Methyl Acetate	5.018	43	150807	45.434	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	351965	42.661	ug/l	100
20) Methylene Chloride	5.271	84	108024	42.257	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	97432	41.523	ug/l	92
22) Diisopropyl ether	6.665	45	355470	40.956	ug/l	98
23) Vinyl Acetate	6.594	43	1168756	192.631	ug/l	98
24) 1,1-Dichloroethane	6.565	63	196265	42.857	ug/l	99
25) 2-Butanone	7.477	43	344810	200.333	ug/l	100
26) 2,2-Dichloropropane	7.489	77	129129	31.493	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	126864	43.561	ug/l	94
28) Bromochloromethane	7.812	49	82921	42.705	ug/l	93
29) Tetrahydrofuran	7.836	42	228328	198.380	ug/l	98
30) Chloroform	7.965	83	203259	45.183	ug/l	99
31) Cyclohexane	8.253	56	167635	37.408	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	173387	45.055	ug/l	100
36) 1,1-Dichloropropene	8.365	75	140288	43.248	ug/l	99
37) Ethyl Acetate	7.553	43	133491	39.089	ug/l	99
38) Carbon Tetrachloride	8.359	117	143414	46.425	ug/l	100
39) Methylcyclohexane	9.594	83	153101	39.709	ug/l	100
40) Benzene	8.606	78	457172	43.989	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	78928	39.877	ug/l	96
42) 1,2-Dichloroethane	8.665	62	152880	46.128	ug/l	98
43) Isopropyl Acetate	8.683	43	298062	48.705	ug/l	96
44) Trichloroethene	9.347	130	109478	44.443	ug/l	100
45) 1,2-Dichloropropane	9.618	63	111651	43.887	ug/l	98
46) Dibromomethane	9.706	93	76732	47.338	ug/l	97
47) Bromodichloromethane	9.883	83	164678	47.039	ug/l	98
48) Methyl methacrylate	9.677	41	122401	40.814	ug/l	96
49) 1,4-Dioxane	9.688	88	42859	840.168	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	760161	217.373	ug/l	99
52) Toluene	10.624	92	299344	46.160	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	173575	44.416	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	180099	41.958	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	109412	46.893	ug/l	98
56) Ethyl methacrylate	10.871	69	191019	44.539	ug/l	98
57) 1,3-Dichloropropane	11.159	76	191989	46.378	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	418712	205.693	ug/l	97
59) 2-Hexanone	11.194	43	556731	214.634	ug/l	99
60) Dibromochloromethane	11.353	129	125131	48.839	ug/l	100
61) 1,2-Dibromoethane	11.465	107	111793	47.485	ug/l	99
64) Tetrachloroethene	11.100	164	105907	42.406	ug/l	96
65) Chlorobenzene	11.888	112	328986	45.404	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	112142	46.914	ug/l	99
67) Ethyl Benzene	11.959	91	584802	44.726	ug/l	99
68) m/p-Xylenes	12.065	106	448127	91.469	ug/l	97
69) o-Xylene	12.394	106	225957	46.637	ug/l	97
70) Styrene	12.406	104	382070	47.328	ug/l	99
71) Bromoform	12.576	173	86109	47.846	ug/l #	97
73) Isopropylbenzene	12.688	105	555574	43.551	ug/l	100
74) N-amyl acetate	12.488	43	245848	38.712	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	164133	44.748	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	150365m	40.859	ug/l	
77) Bromobenzene	12.976	156	133063	47.076	ug/l	93
78) n-propylbenzene	13.029	91	657896	43.766	ug/l	100
79) 2-Chlorotoluene	13.123	91	413000	43.907	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	456461	43.718	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	58668	38.286	ug/l	97
82) 4-Chlorotoluene	13.218	91	414222	44.331	ug/l	100
83) tert-Butylbenzene	13.435	119	397531	43.941	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	469759	44.200	ug/l	99
85) sec-Butylbenzene	13.612	105	556315	44.332	ug/l	99
86) p-Isopropyltoluene	13.723	119	464155	44.875	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	245212	46.149	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	243902	45.573	ug/l	99
89) n-Butylbenzene	14.053	91	390266	42.568	ug/l	99
90) Hexachloroethane	14.329	117	79628	45.768	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	229370	44.524	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30274	40.934	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	103577	41.988	ug/l	99
94) Hexachlorobutadiene	15.494	225	37219	39.969	ug/l	99
95) Naphthalene	15.635	128	354783	40.572	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	98241	42.065	ug/l	100

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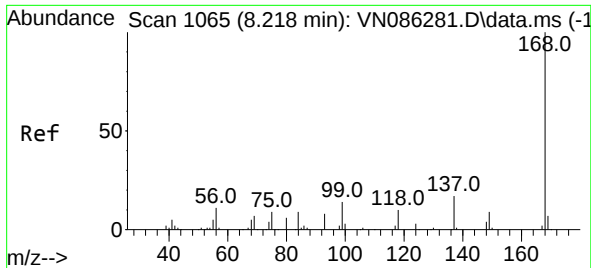
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

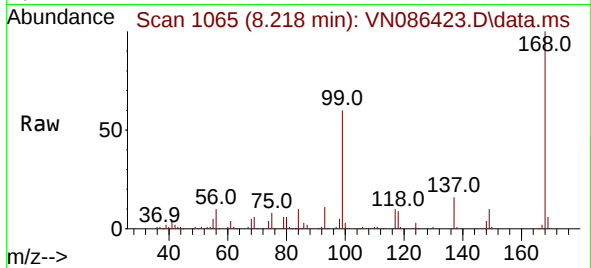
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086423.D
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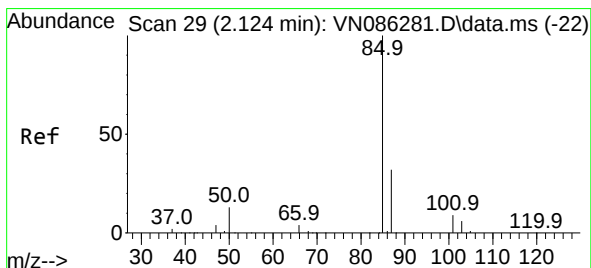
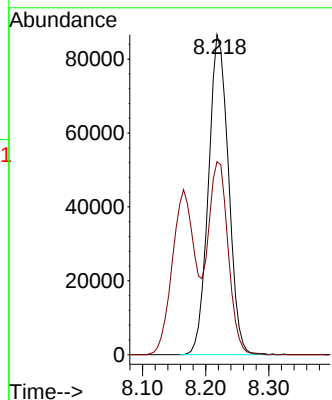
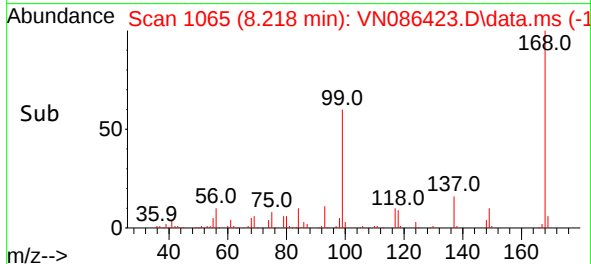
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 190690
Ion Ratio Lower Upper
168 100
99 60.3 52.5 78.7

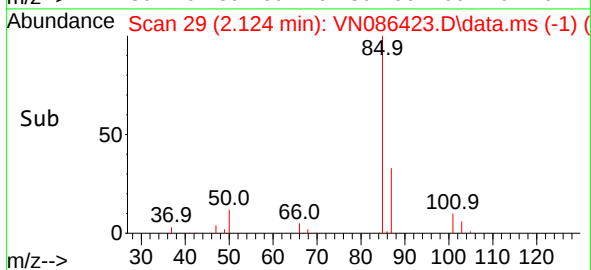
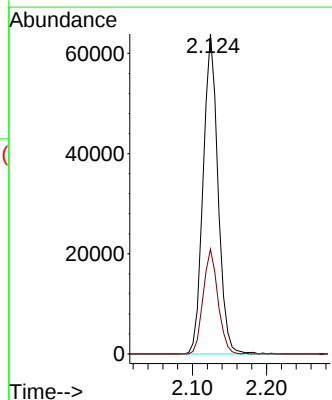
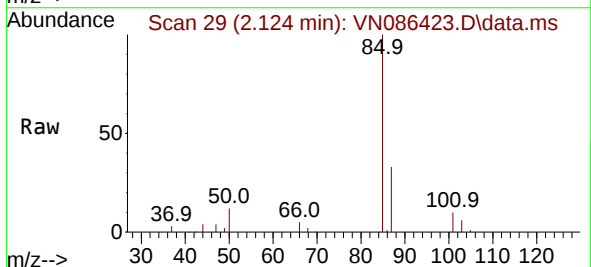
Manual Integrations
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#2
Dichlorodifluoromethane
Concen: 39.329 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

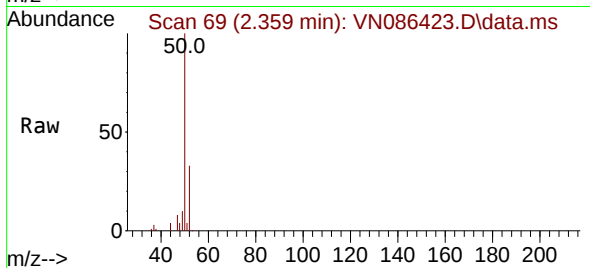
Tgt Ion: 85 Resp: 88903
Ion Ratio Lower Upper
85 100
87 32.7 16.3 48.8





#3
Chloromethane
Concen: 36.040 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

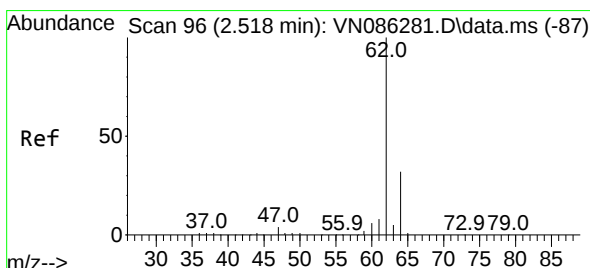
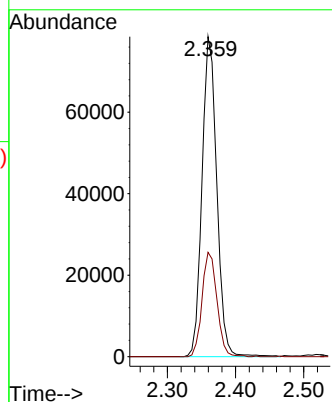
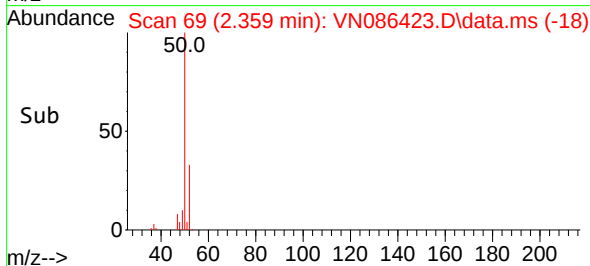
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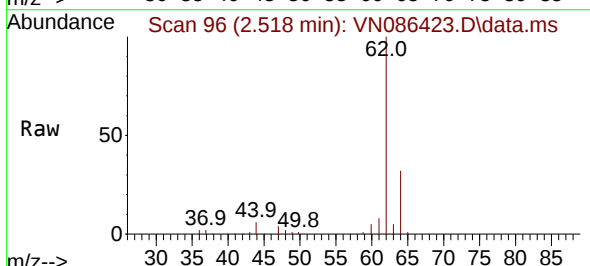
Tgt Ion: 50 Resp: 11840
Ion Ratio Lower Upper
50 100
52 32.6 26.5 39.7

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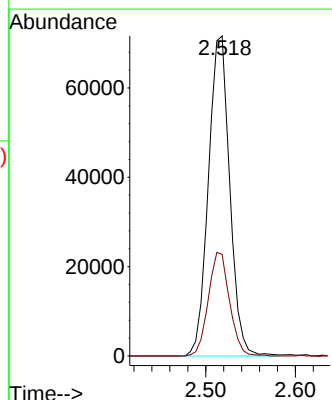
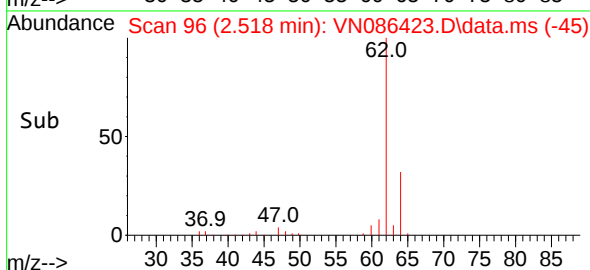
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#4
Vinyl Chloride
Concen: 37.743 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44



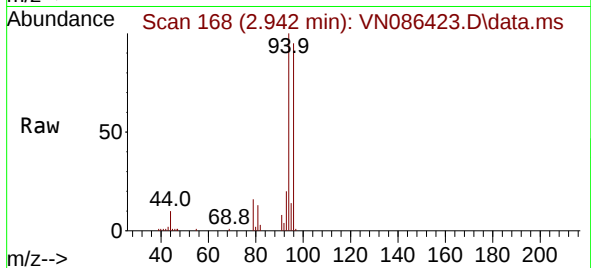
Tgt Ion: 62 Resp: 118326
Ion Ratio Lower Upper
62 100
64 31.8 25.6 38.4





#5
Bromomethane
Concen: 44.270 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

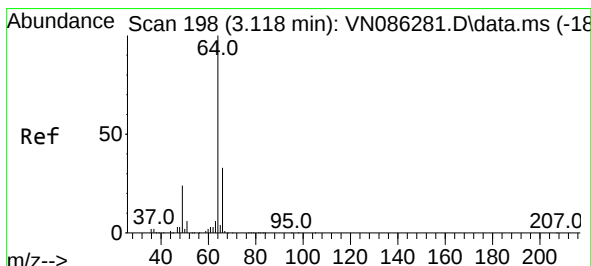
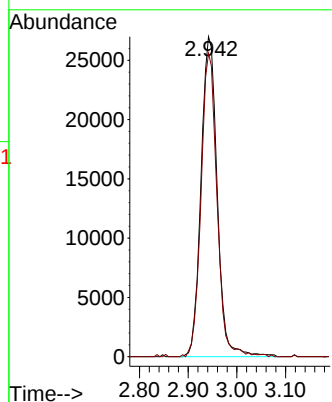
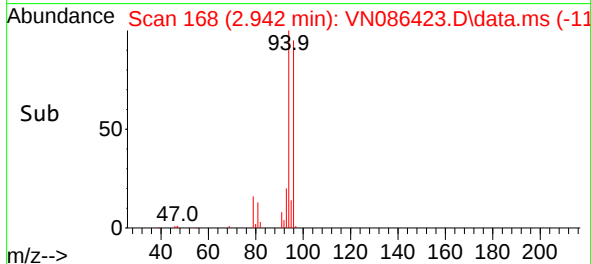
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 62429
Ion Ratio Lower Upper
94 100
96 94.9 75.2 112.8

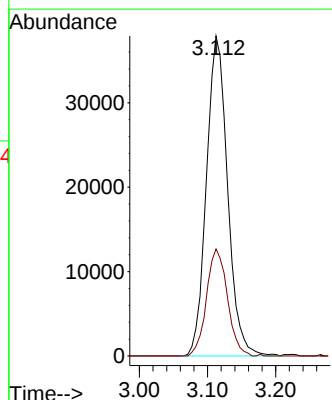
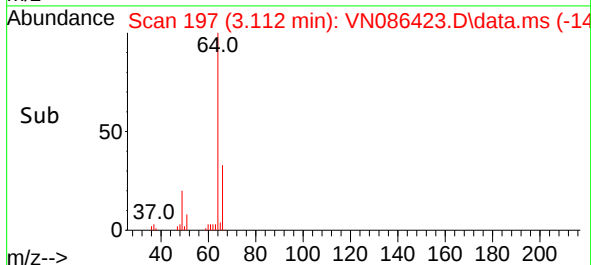
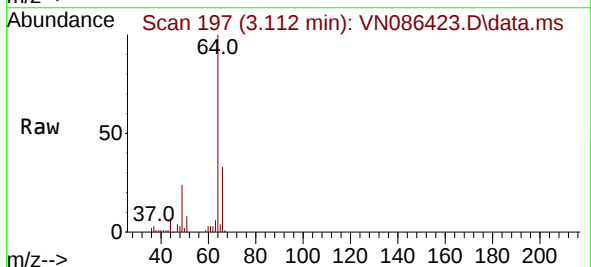
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#6
Chloroethane
Concen: 39.057 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

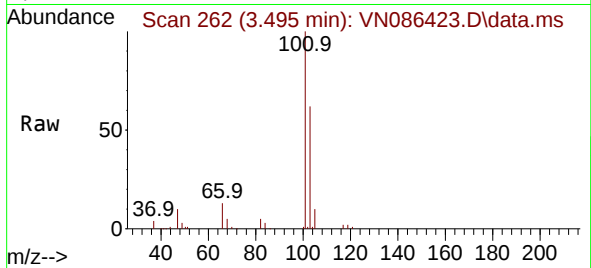
Tgt Ion: 64 Resp: 81949
Ion Ratio Lower Upper
64 100
66 33.4 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 42.742 ug/l
 RT: 3.495 min Scan# 263
 Delta R.T. -0.006 min
 Lab File: VN086423.D
 Acq: 29 Apr 2025 03:44

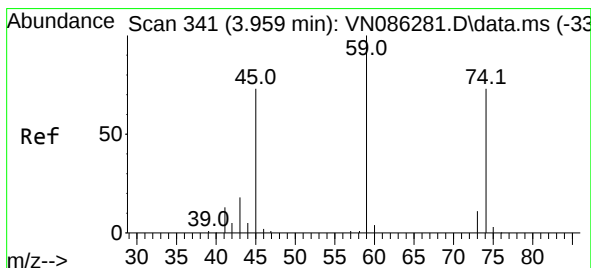
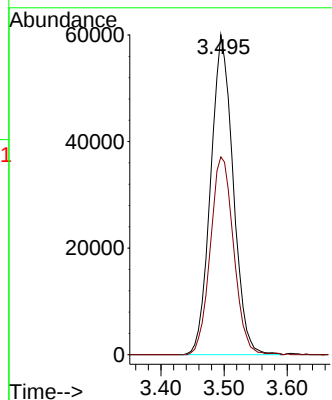
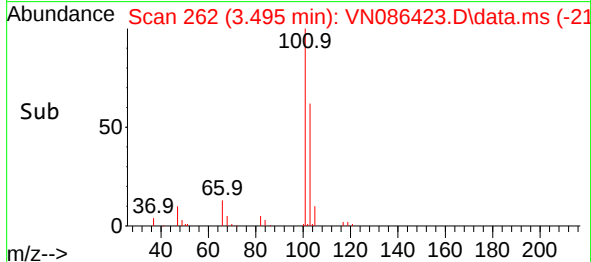
Instrument :
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Tgt Ion:101 Resp: 148428
 Ion Ratio Lower Upper
 101 100
 103 61.8 49.2 73.8

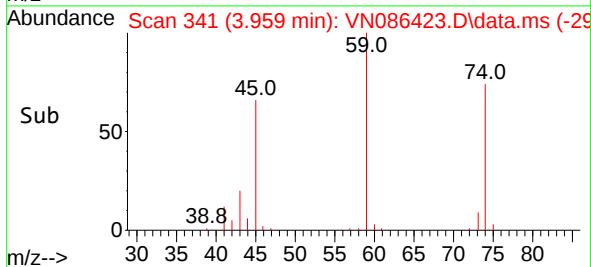
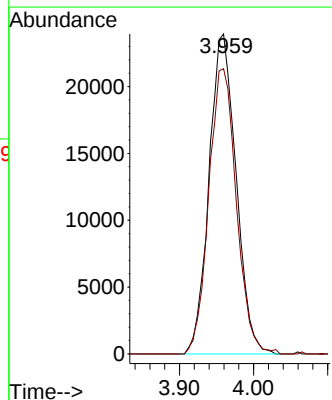
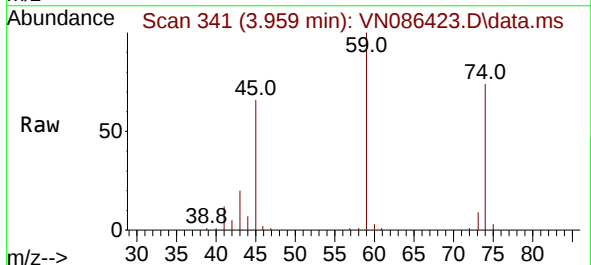
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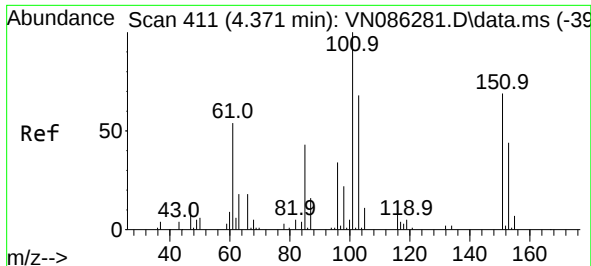
Reviewed By :John Carlone 04/29/2025
 Supervised By :Semsettin Yesilyurt 04/29/2025



#8
 Diethyl Ether
 Concen: 40.022 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN086423.D
 Acq: 29 Apr 2025 03:44

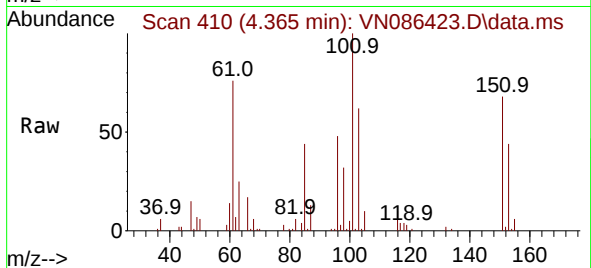
Tgt Ion: 74 Resp: 60674
 Ion Ratio Lower Upper
 74 100
 45 91.1 48.0 144.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.784 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN086423.D
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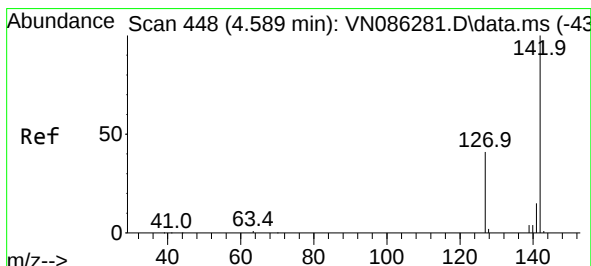
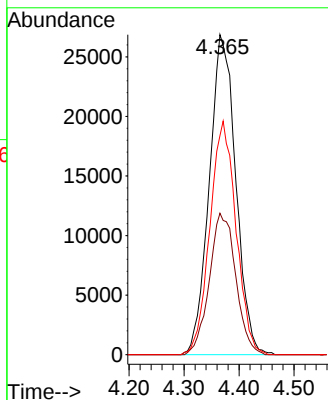
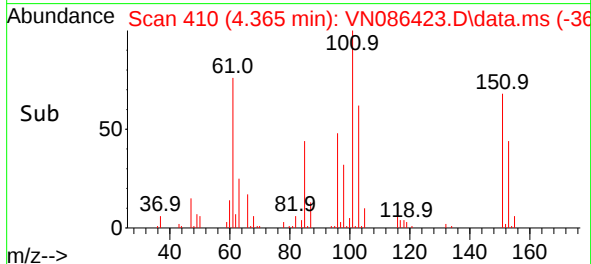
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Tgt Ion:101 Resp: 89880
Ion Ratio Lower Upper
101 100
85 44.1 34.7 52.1
151 72.2 56.1 84.1

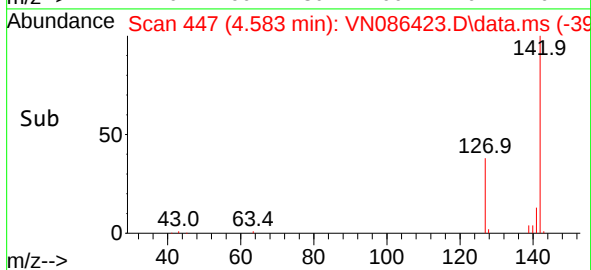
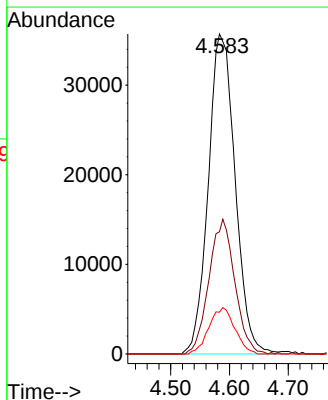
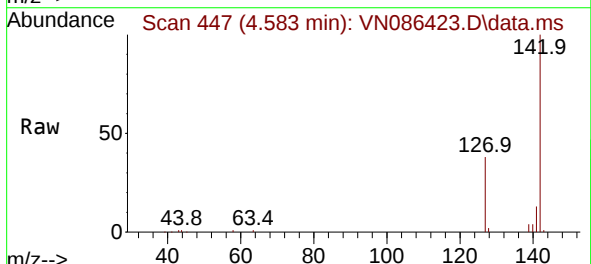
Manual Integrations
APPROVED

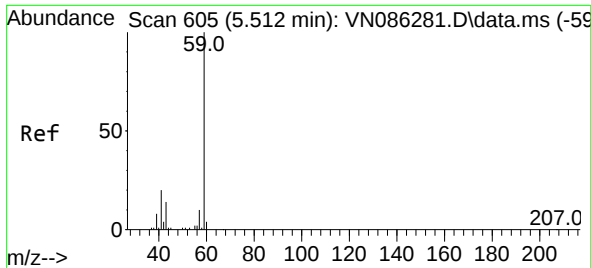
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#10
Methyl Iodide
Concen: 49.101 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

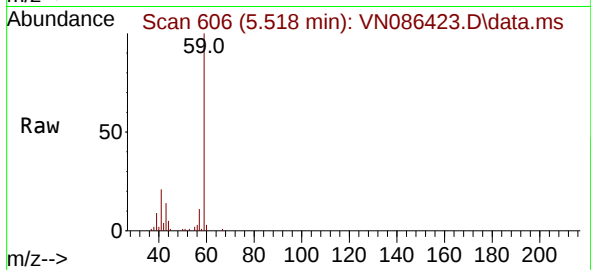
Tgt Ion:142 Resp: 113405
Ion Ratio Lower Upper
142 100
127 38.2 32.7 49.1
141 13.0 11.7 17.5





#11
Tert butyl alcohol
Concen: 195.586 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

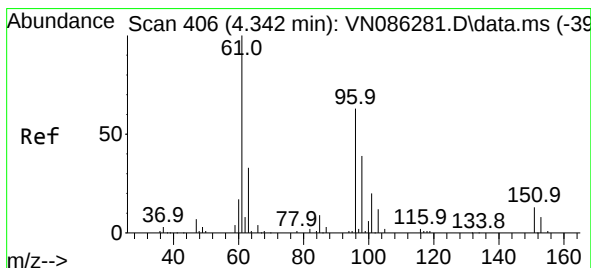
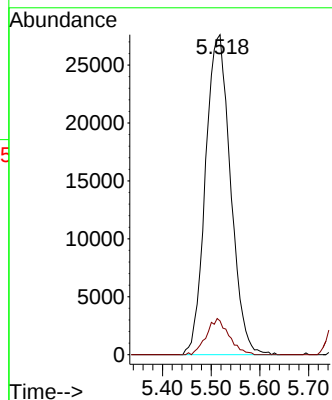
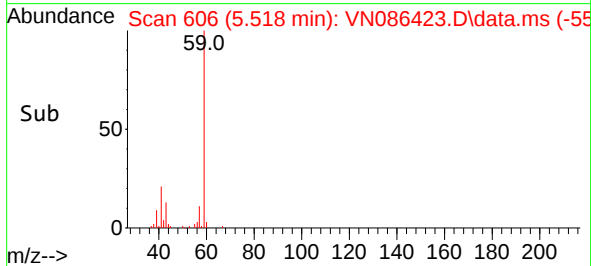
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 98679
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

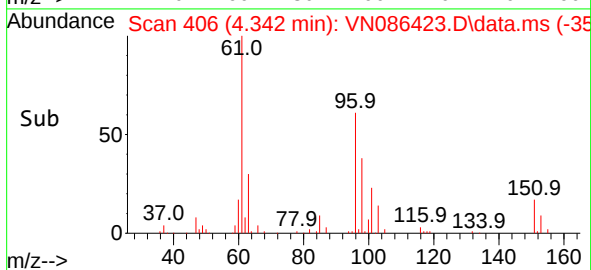
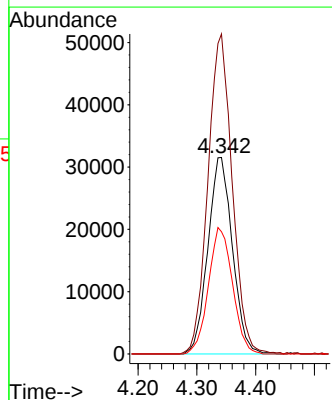
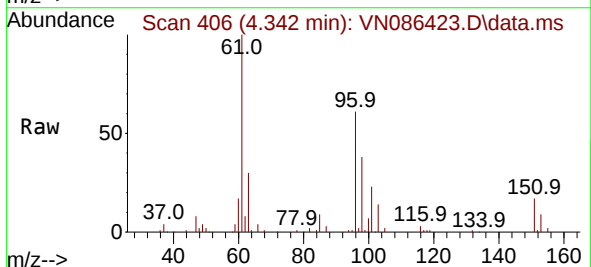
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#12
1,1-Dichloroethene
Concen: 40.755 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

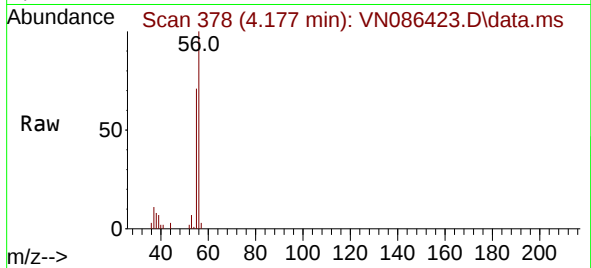
Tgt Ion: 96 Resp: 91470
Ion Ratio Lower Upper
96 100
61 162.9 126.6 189.8
98 62.2 49.6 74.4





#13
Acrolein
Concen: 221.065 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

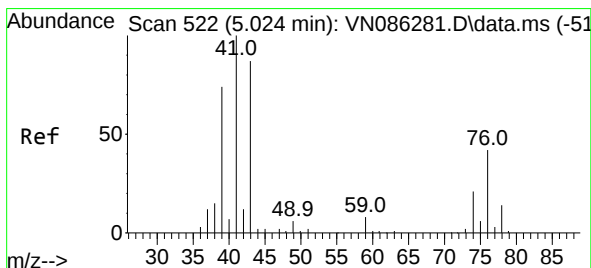
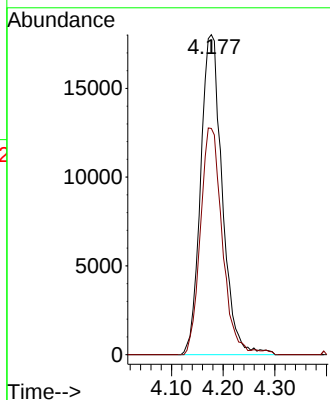
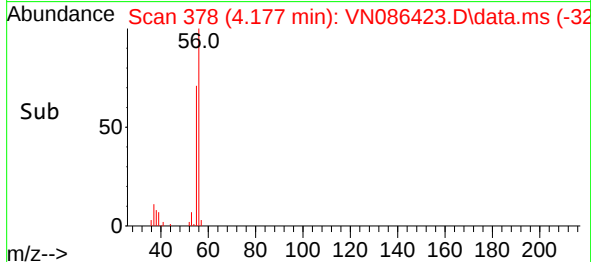
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



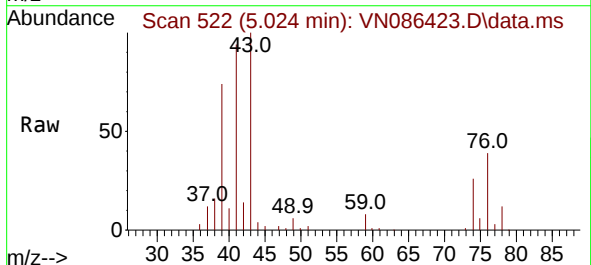
Tgt Ion: 56 Resp: 52419
Ion Ratio Lower Upper
56 100
55 71.1 58.5 87.7

Manual Integrations
APPROVED

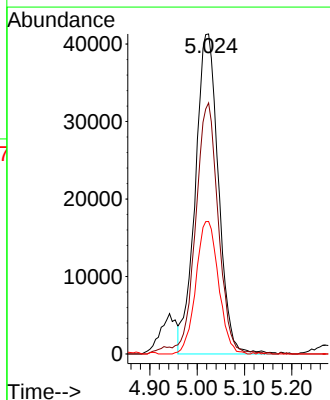
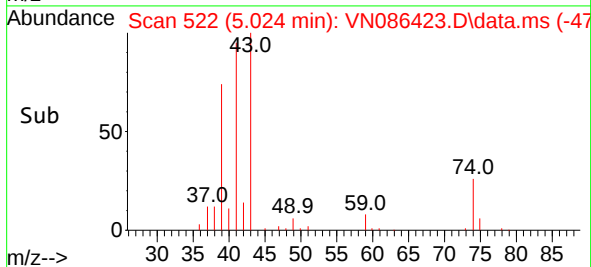
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025

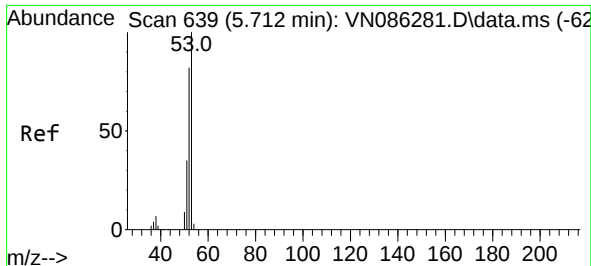


#14
Allyl chloride
Concen: 35.123 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44



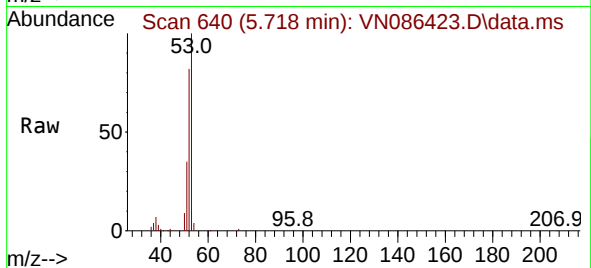
Tgt Ion: 41 Resp: 140137
Ion Ratio Lower Upper
41 100
39 76.5 59.2 88.8
76 40.5 31.2 46.8





#15
Acrylonitrile
Concen: 209.597 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

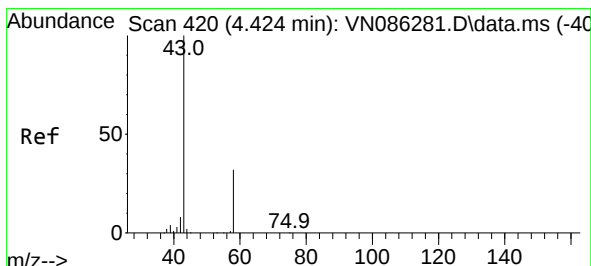
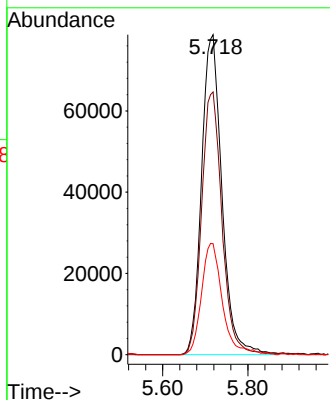
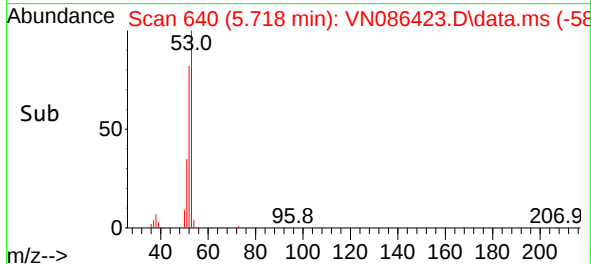
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 26141
Ion Ratio Lower Upper
53 100
52 82.0 65.5 98.3
51 35.7 28.6 42.8

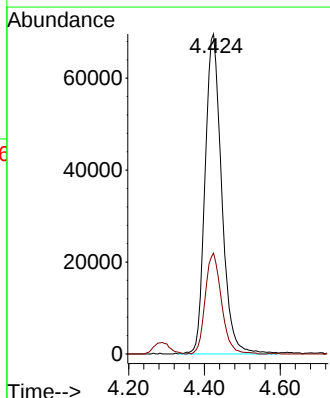
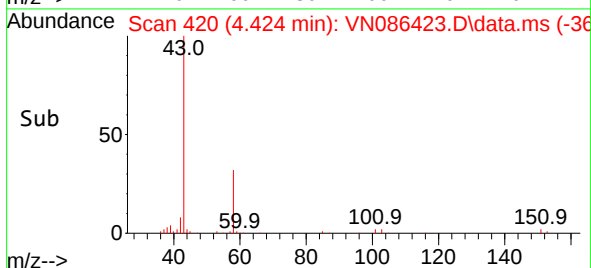
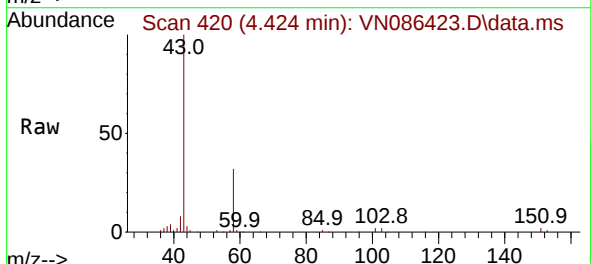
Manual Integrations
APPROVED

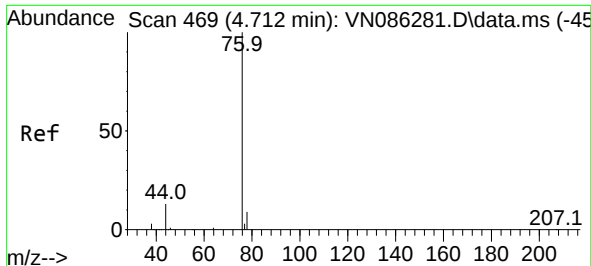
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#16
Acetone
Concen: 220.290 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

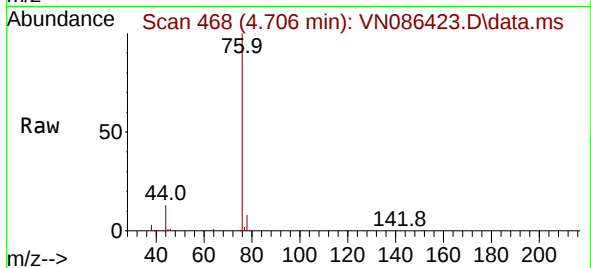
Tgt Ion: 43 Resp: 211254
Ion Ratio Lower Upper
43 100
58 31.3 25.3 37.9





#17
Carbon Disulfide
Concen: 32.602 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

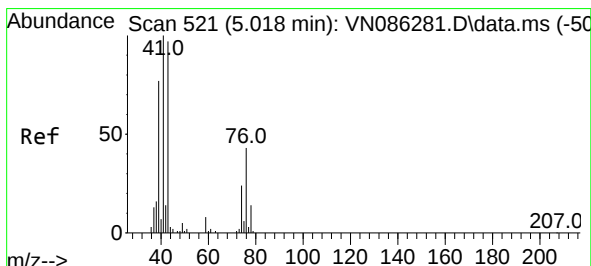
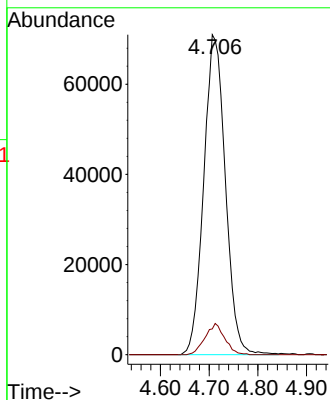
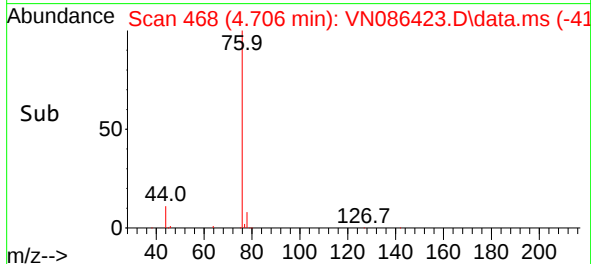
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 21909
Ion Ratio Lower Upper
76 100
78 8.0 7.6 11.4

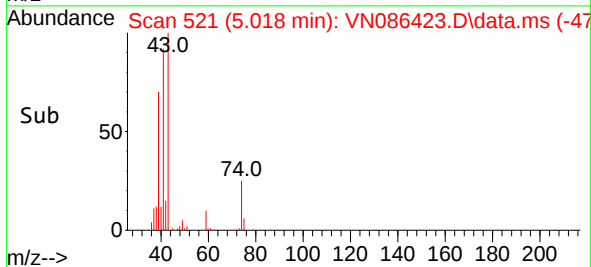
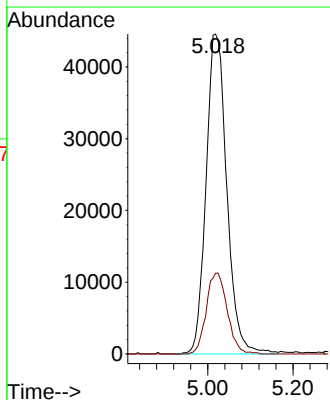
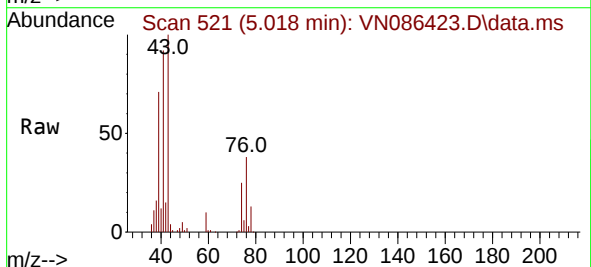
Manual Integrations
APPROVED

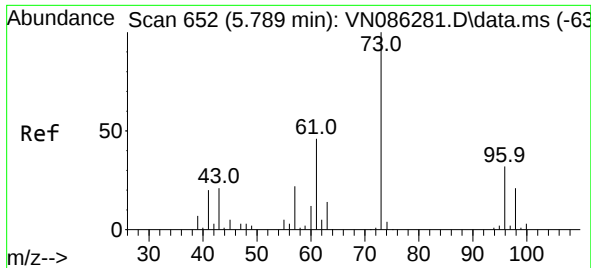
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#18
Methyl Acetate
Concen: 45.434 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

Tgt Ion: 43 Resp: 150807
Ion Ratio Lower Upper
43 100
74 25.5 19.8 29.6





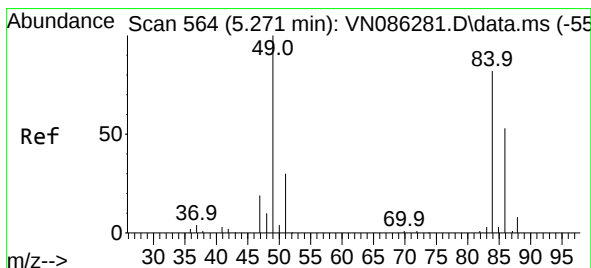
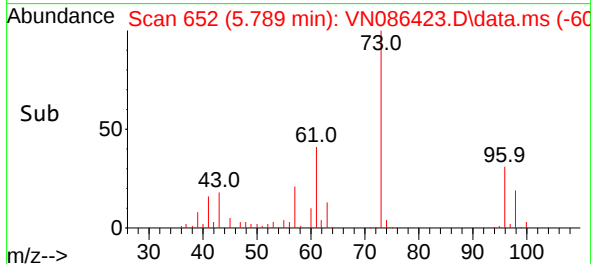
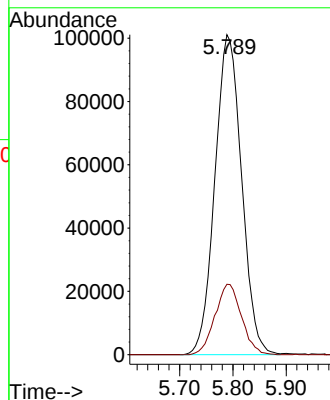
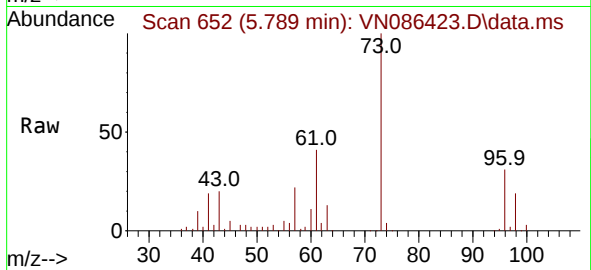
#19
Methyl tert-butyl Ether
Concen: 42.661 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 35196
Ion Ratio Lower Upper
73 100
57 22.0 17.6 26.4

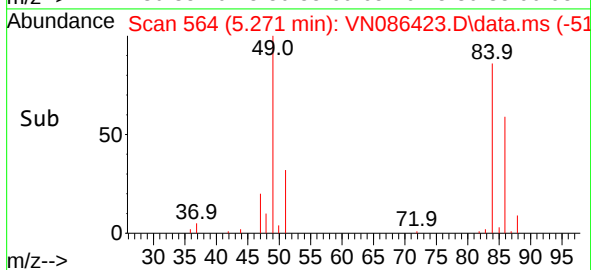
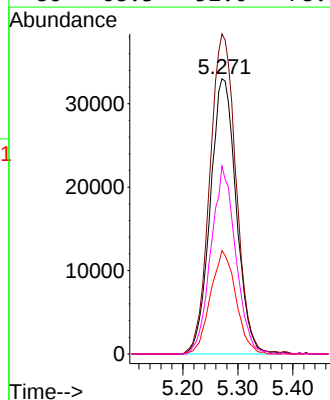
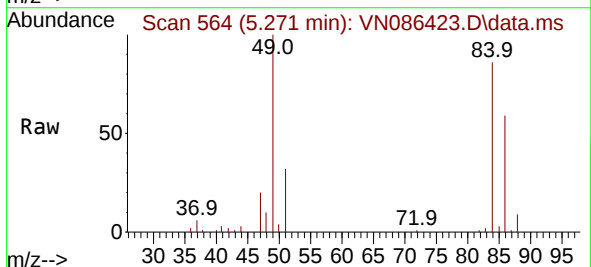
Manual Integrations
APPROVED

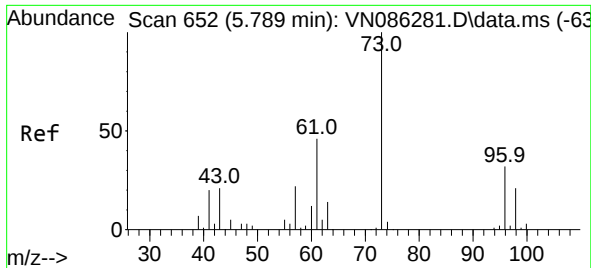
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#20
Methylene Chloride
Concen: 42.257 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

Tgt Ion: 84 Resp: 108024
Ion Ratio Lower Upper
84 100
49 116.3 98.2 147.2
51 37.6 29.8 44.6
86 68.3 52.0 78.0





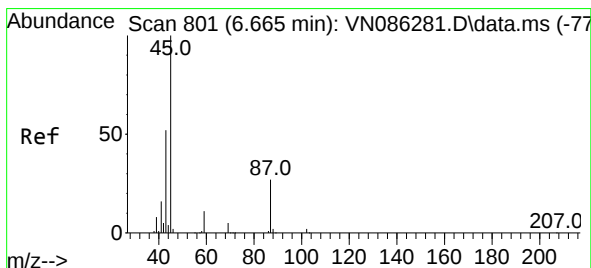
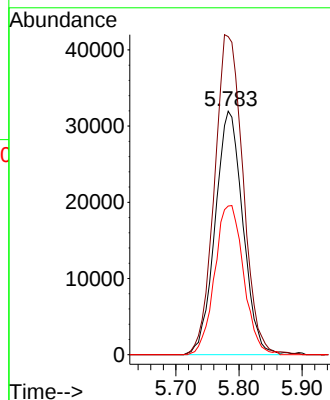
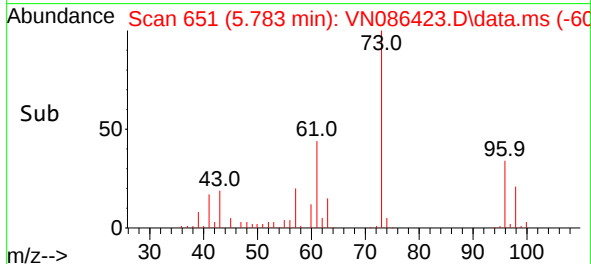
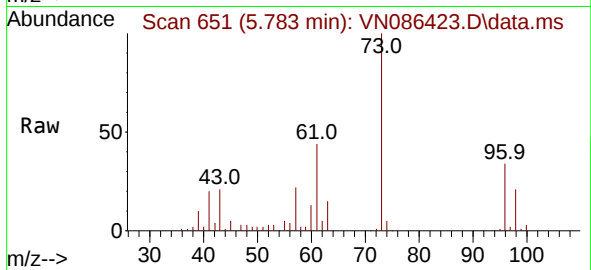
#21
trans-1,2-Dichloroethene
Concen: 41.523 ug/l
RT: 5.783 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 97432
Ion Ratio Lower Upper
96 100
61 130.6 114.6 171.8
98 61.1 51.2 76.8

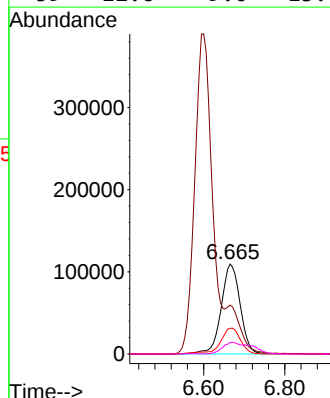
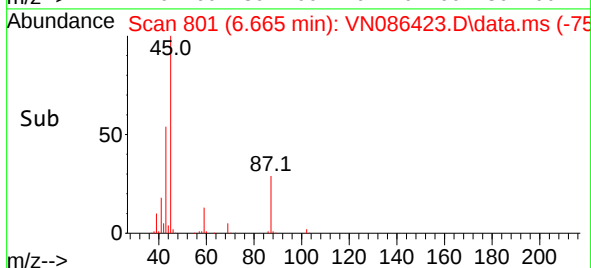
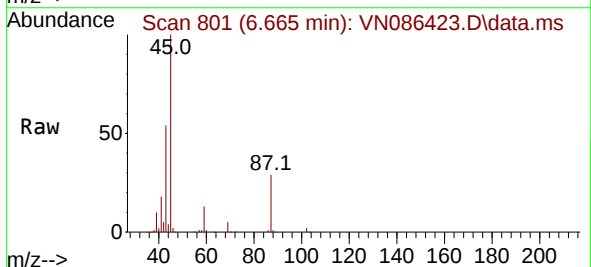
Manual Integrations
APPROVED

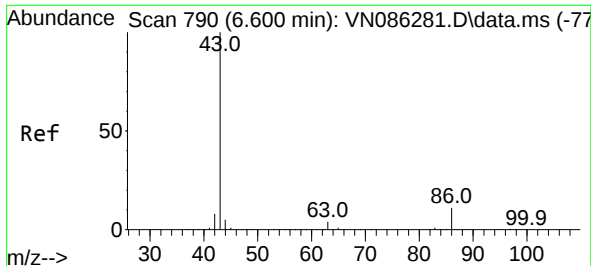
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#22
Diisopropyl ether
Concen: 40.956 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

Tgt Ion: 45 Resp: 355470
Ion Ratio Lower Upper
45 100
43 53.7 41.8 62.8
87 28.5 21.6 32.4
59 12.6 9.0 13.4





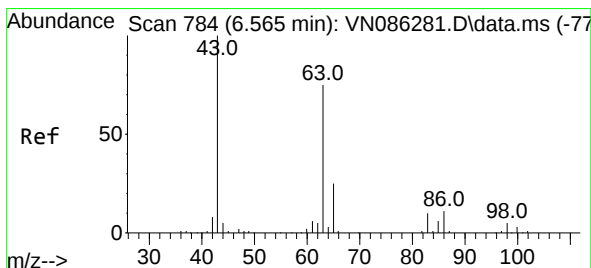
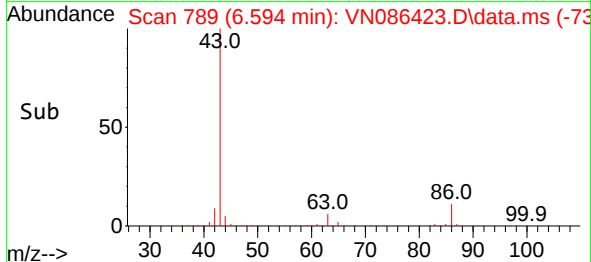
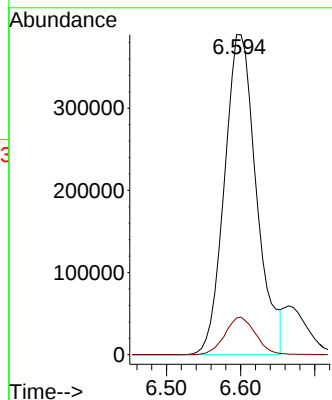
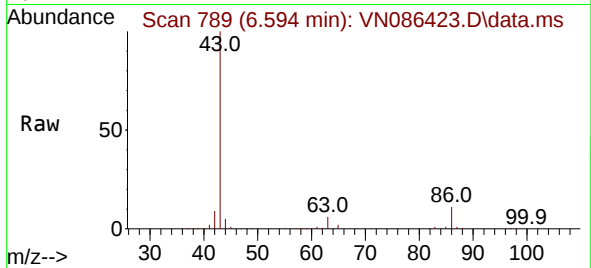
#23
 Vinyl Acetate
 Concen: 192.631 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN086423.D
 Acq: 29 Apr 2025 03:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 116875
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.6 13.0

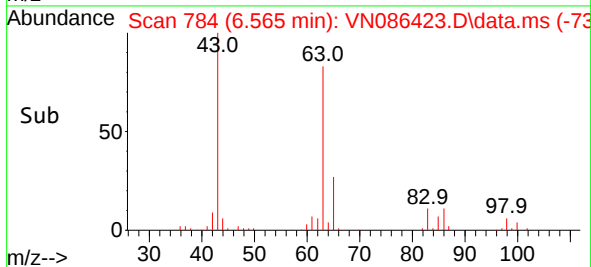
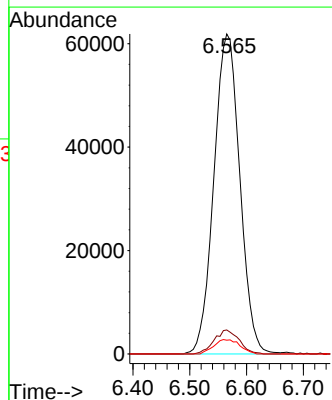
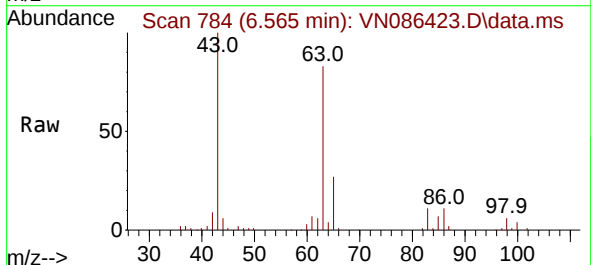
Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/29/2025
 Supervised By :Semsettin Yesilyurt 04/29/2025



#24
 1,1-Dichloroethane
 Concen: 42.857 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN086423.D
 Acq: 29 Apr 2025 03:44

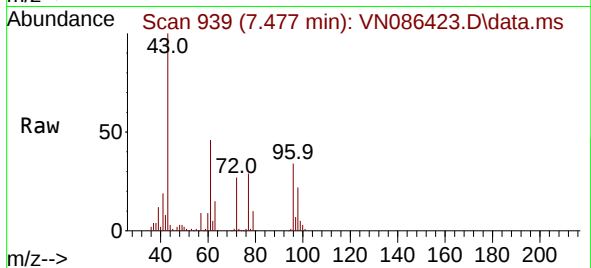
Tgt Ion: 63 Resp: 196265
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.4 10.2
 100 4.3 2.1 6.5





#25
2-Butanone
Concen: 200.333 ug/l
RT: 7.477 min Scan# 910
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

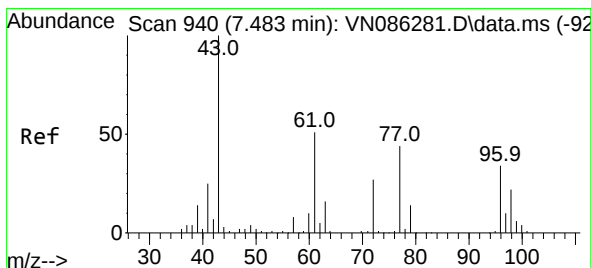
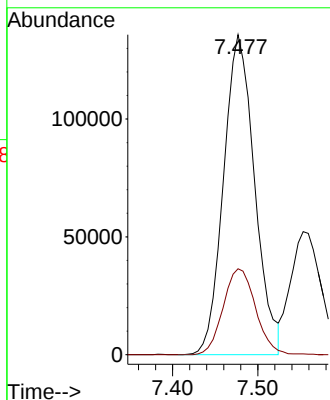
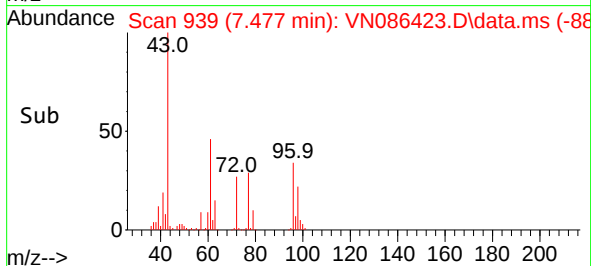
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



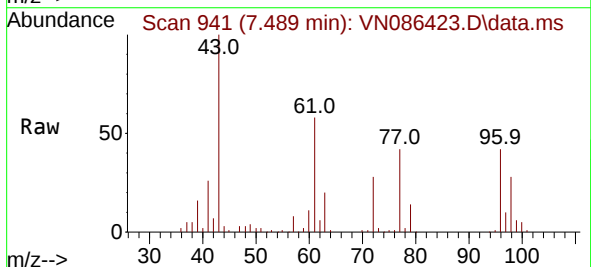
Tgt Ion: 43 Resp: 344810
Ion Ratio Lower Upper
43 100
72 26.9 21.7 32.5

Manual Integrations
APPROVED

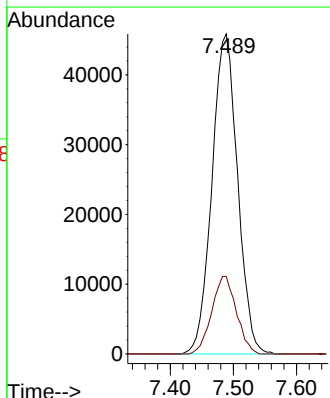
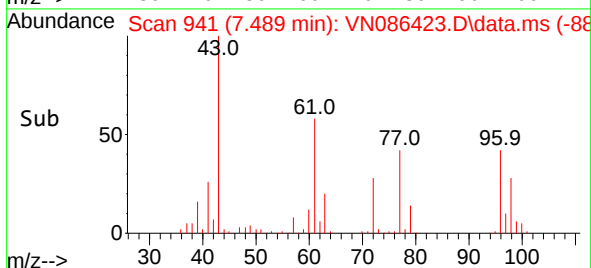
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#26
2,2-Dichloropropane
Concen: 31.493 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44



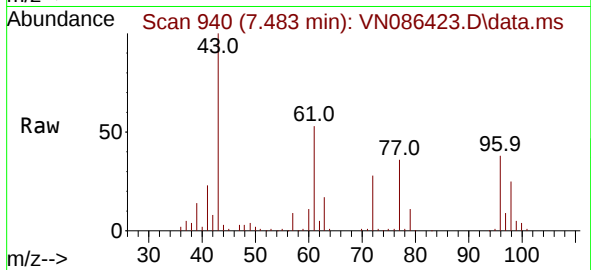
Tgt Ion: 77 Resp: 129129
Ion Ratio Lower Upper
77 100
97 23.3 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 43.561 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN086423.D
 Acq: 29 Apr 2025 03:44

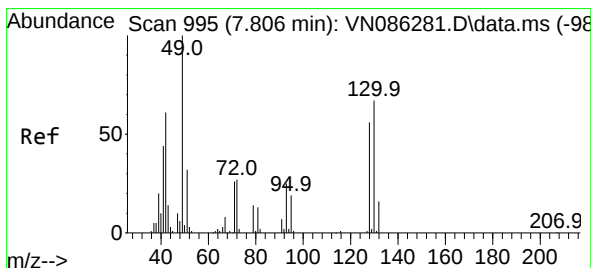
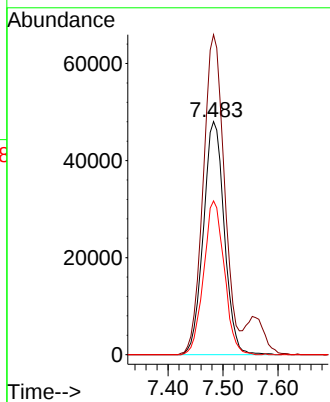
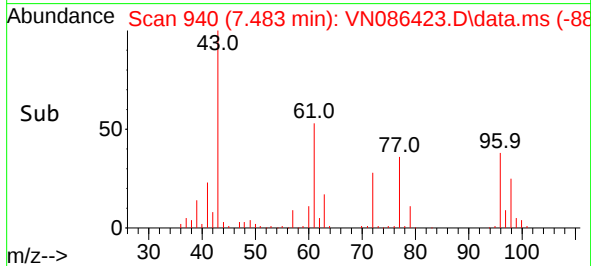
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 126864
 Ion Ratio Lower Upper
 96 100
 61 138.6 0.0 299.0
 98 65.0 0.0 129.6

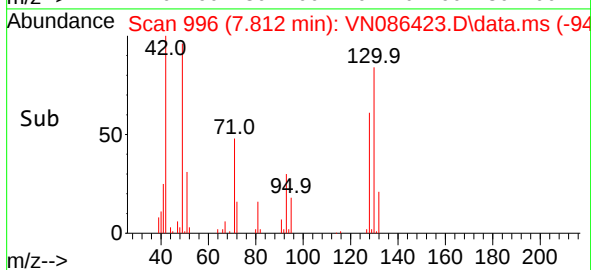
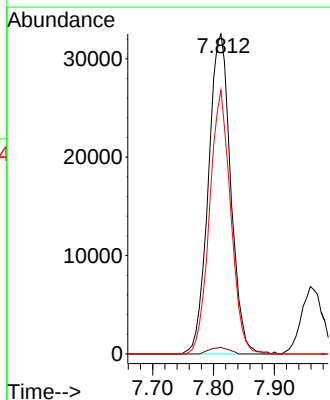
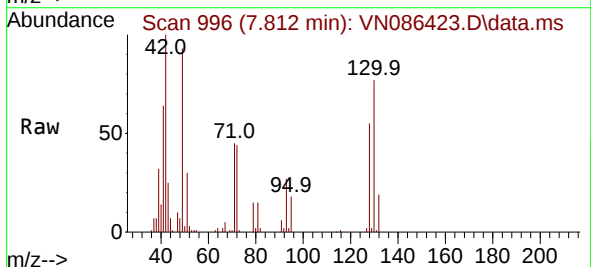
Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/29/2025
 Supervised By :Semsettin Yesilyurt 04/29/2025



#28
 Bromochloromethane
 Concen: 42.705 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086423.D
 Acq: 29 Apr 2025 03:44

Tgt Ion: 49 Resp: 82921
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 77.7 57.1 85.7





#29

Tetrahydrofuran

Concen: 198.380 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN086423.D

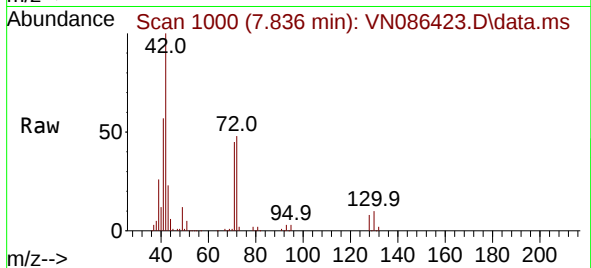
Acq: 29 Apr 2025 03:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



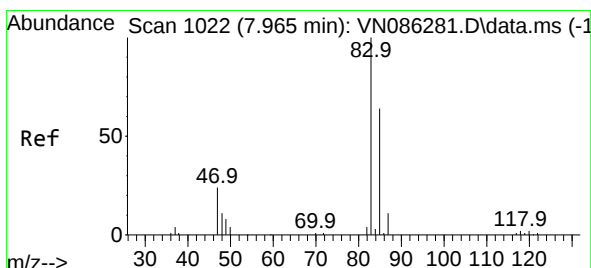
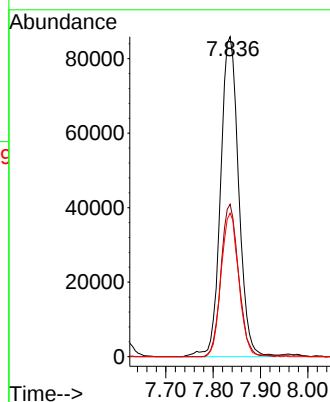
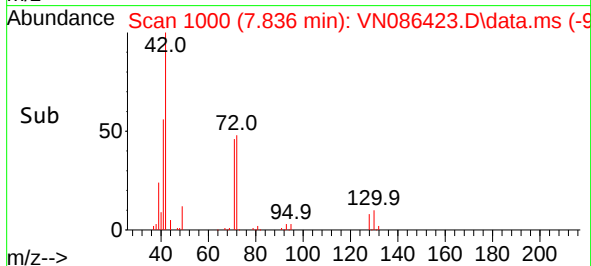
Tgt Ion:	42	Resp:	228328
Ion Ratio	100	Lower	36.2
Upper	54.4	71	51.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2025

Supervised By :Semsettin Yesilyurt 04/29/2025



#30

Chloroform

Concen: 45.183 ug/l

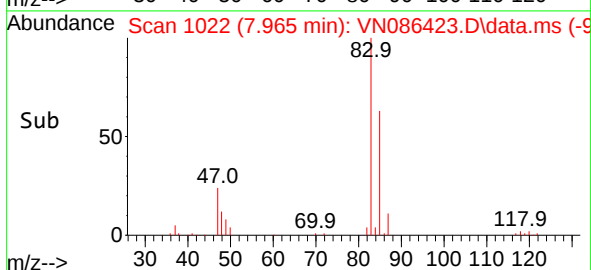
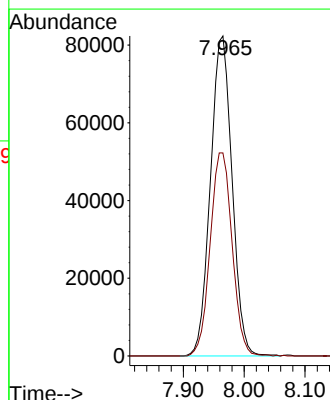
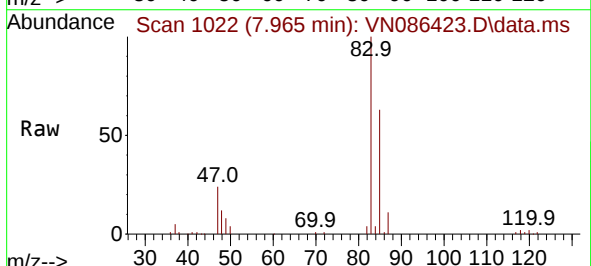
RT: 7.965 min Scan# 1022

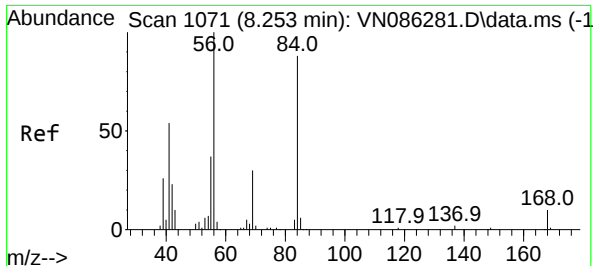
Delta R.T. 0.000 min

Lab File: VN086423.D

Acq: 29 Apr 2025 03:44

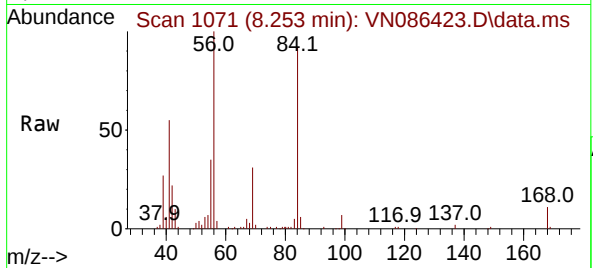
Tgt Ion:	83	Resp:	203259
Ion Ratio	100	Lower	51.5
Upper	77.3	85	63.5





#31
Cyclohexane
Concen: 37.408 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

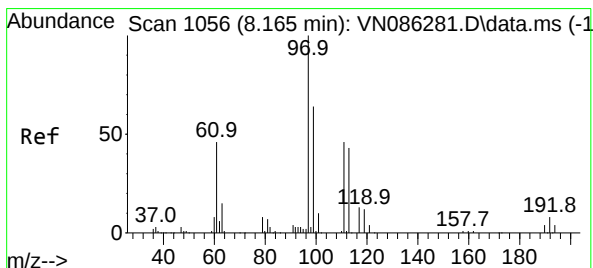
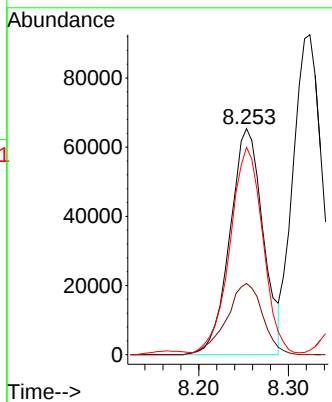
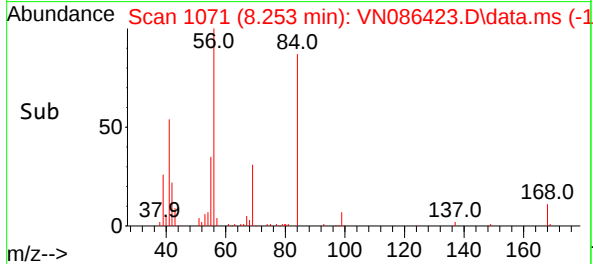
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



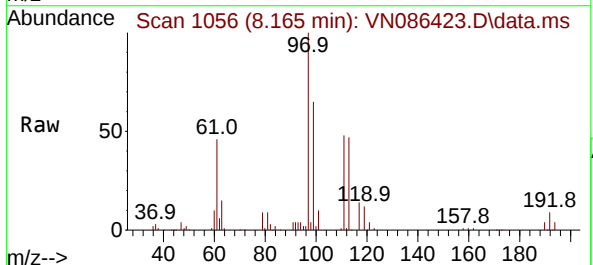
Tgt Ion: 56 Resp: 16763
Ion Ratio Lower Upper
56 100
69 31.5 24.2 36.2
84 90.2 70.3 105.5

Manual Integrations
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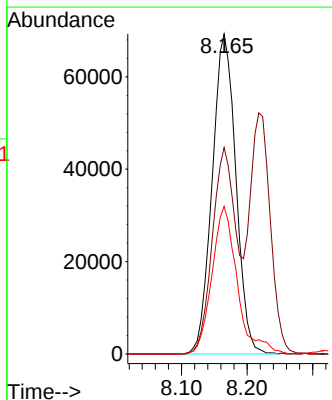
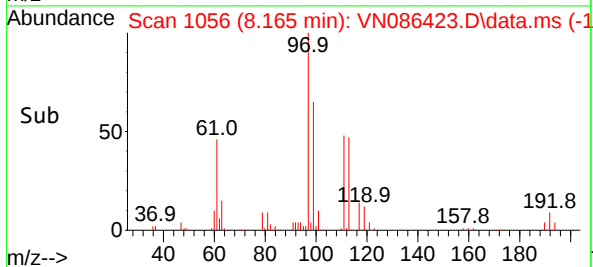
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#32
1,1,1-Trichloroethane
Concen: 45.055 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44



Tgt Ion: 97 Resp: 173387
Ion Ratio Lower Upper
97 100
99 65.9 52.7 79.1
61 49.4 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 48.924 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VN086423.D

Acq: 29 Apr 2025 03:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 13528

Ion Ratio Lower Upper

65 100

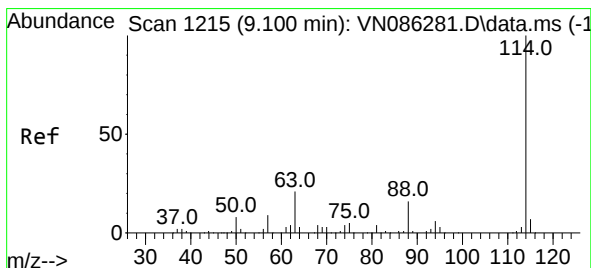
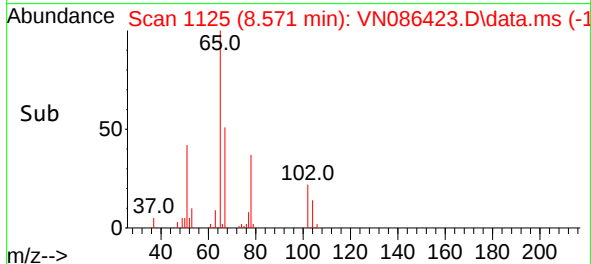
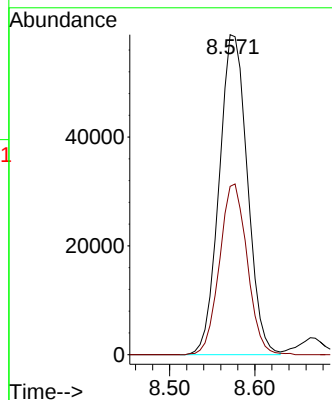
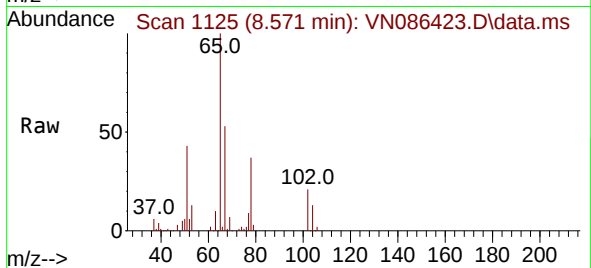
67 52.3 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2025

Supervised By :Semsettin Yesilyurt 04/29/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086423.D

Acq: 29 Apr 2025 03:44

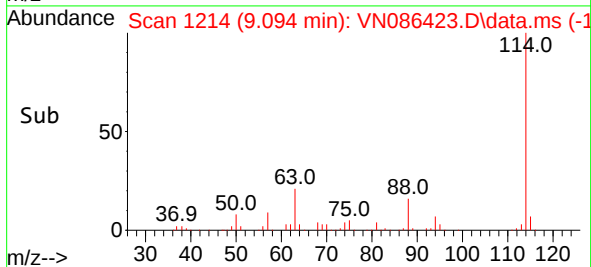
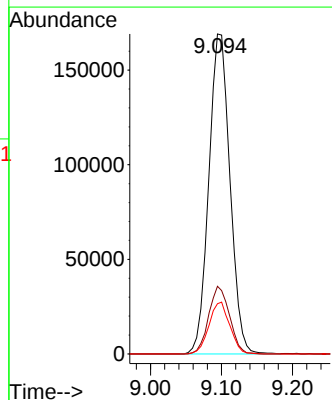
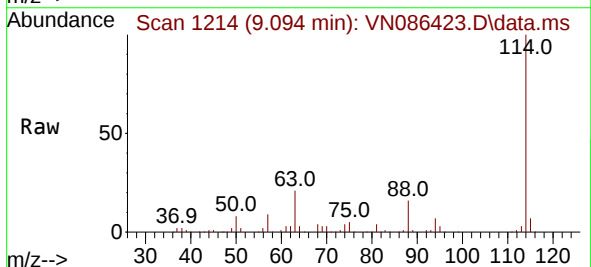
Tgt Ion:114 Resp: 349928

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

88 15.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.401 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN086423.D

Acq: 29 Apr 2025 03:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 78600

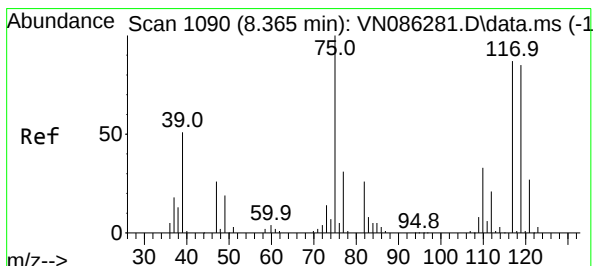
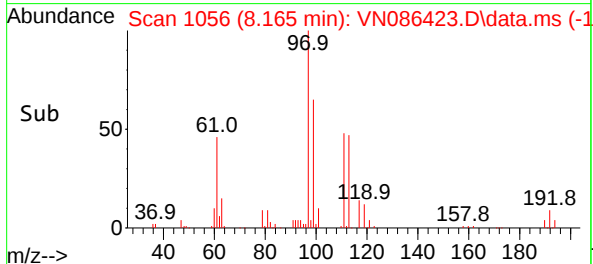
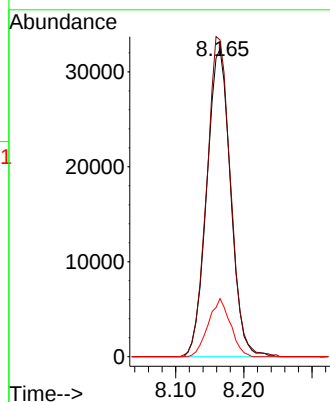
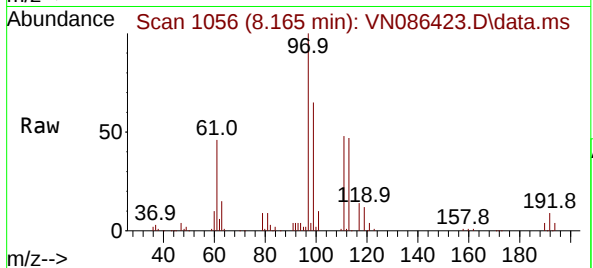
Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.4	125.0
192	17.6	13.7	20.5

Manual Integrations

APPROVED

Reviewed By : John Carlone 04/29/2025

Supervised By : Semsettin Yesilyurt 04/29/2025



#36

1,1-Dichloropropene

Concen: 43.248 ug/l

RT: 8.365 min Scan# 1090

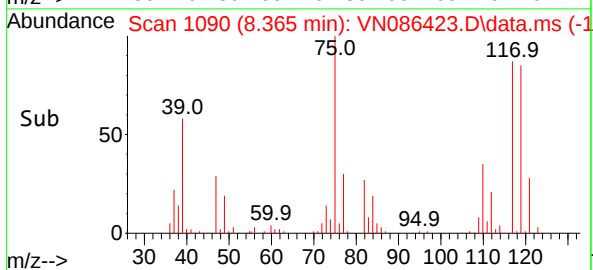
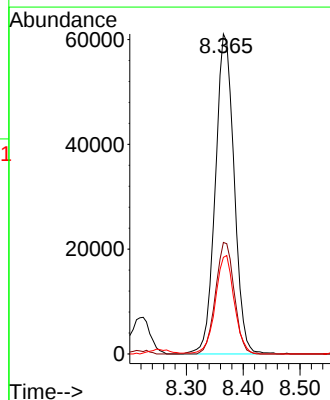
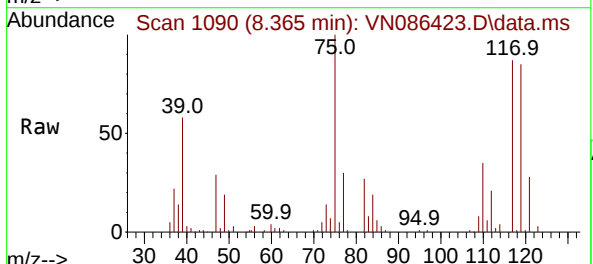
Delta R.T. 0.000 min

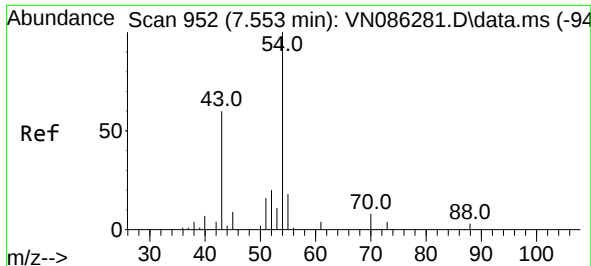
Lab File: VN086423.D

Acq: 29 Apr 2025 03:44

Tgt Ion: 75 Resp: 140288

Ion	Ratio	Lower	Upper
75	100		
110	34.6	16.8	50.4
77	31.0	24.9	37.3





#37

Ethyl Acetate

Concen: 39.089 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN086423.D

Acq: 29 Apr 2025 03:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 13349

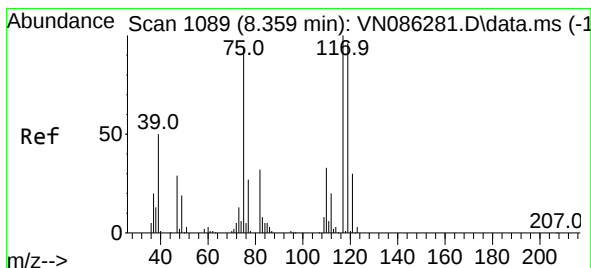
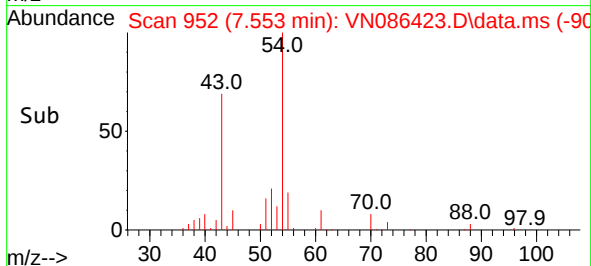
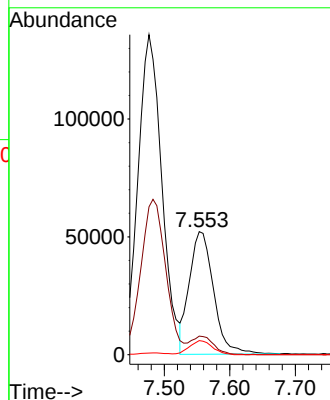
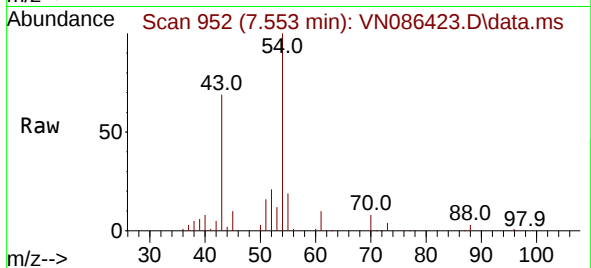
Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.1	16.7
70	10.8	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2025

Supervised By :Semsettin Yesilyurt 04/29/2025



#38

Carbon Tetrachloride

Concen: 46.425 ug/l

RT: 8.359 min Scan# 1089

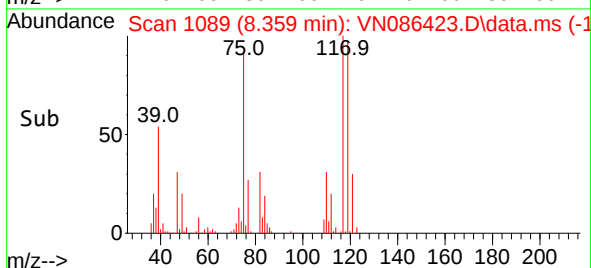
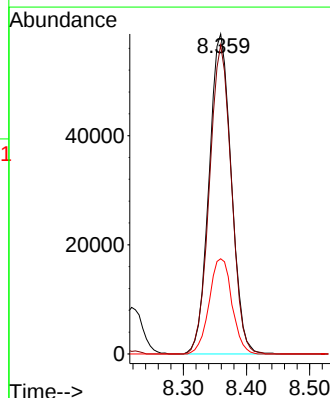
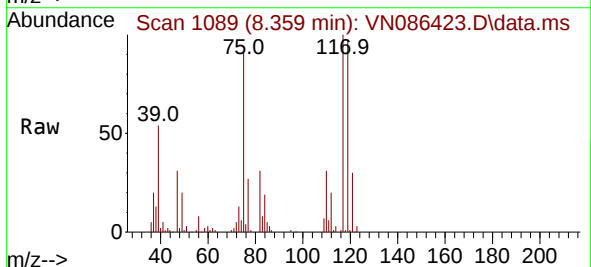
Delta R.T. 0.000 min

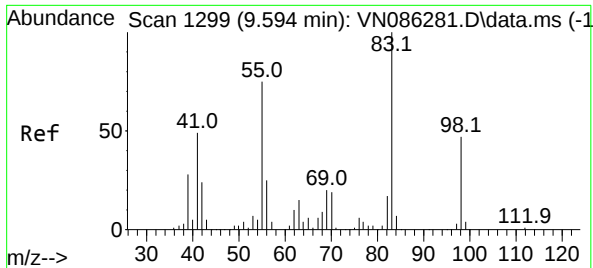
Lab File: VN086423.D

Acq: 29 Apr 2025 03:44

Tgt Ion:117 Resp: 143414

Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.8	115.2
121	29.8	23.8	35.8





#39

Methylcyclohexane

Concen: 39.709 ug/l

RT: 9.594 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN086423.D

Acq: 29 Apr 2025 03:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 15310

Ion Ratio Lower Upper

83 100

55 74.7 59.8 89.8

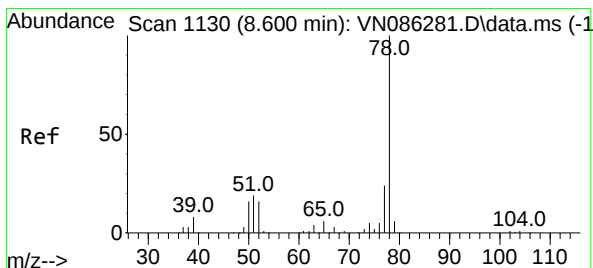
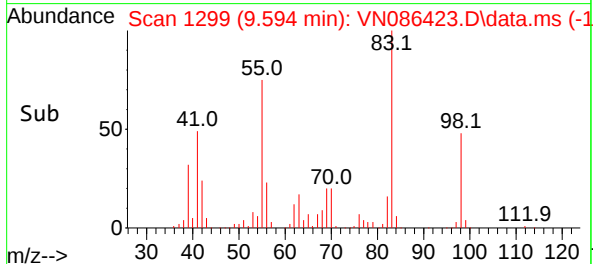
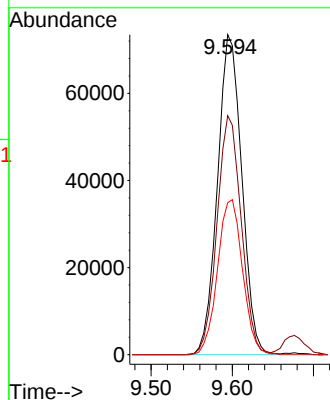
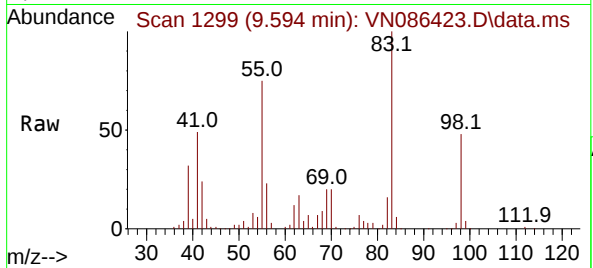
98 47.5 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2025

Supervised By :Semsettin Yesilyurt 04/29/2025



#40

Benzene

Concen: 43.989 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN086423.D

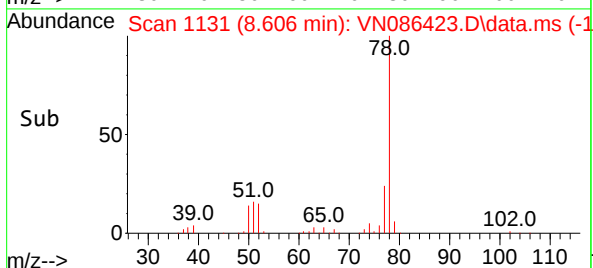
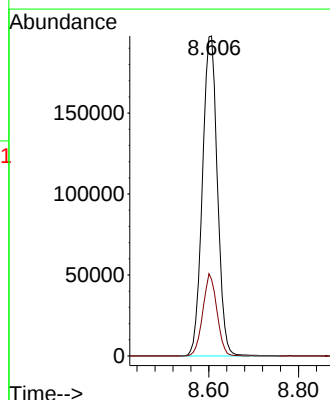
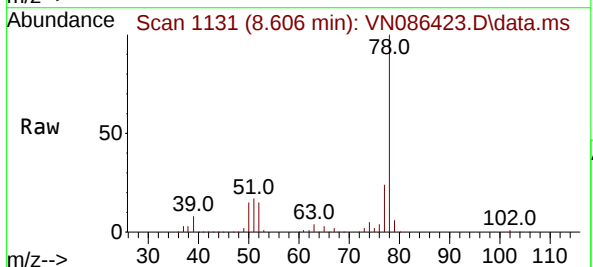
Acq: 29 Apr 2025 03:44

Tgt Ion: 78 Resp: 457172

Ion Ratio Lower Upper

78 100

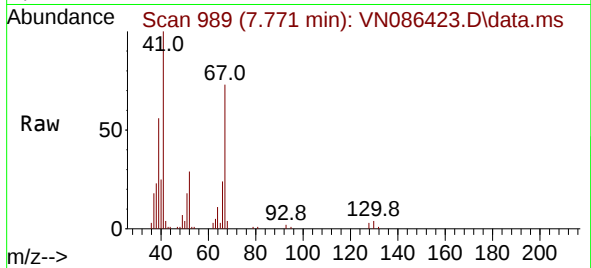
77 23.9 19.4 29.2





#41
Methacrylonitrile
Concen: 39.877 ug/l
RT: 7.771 min Scan# 989
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

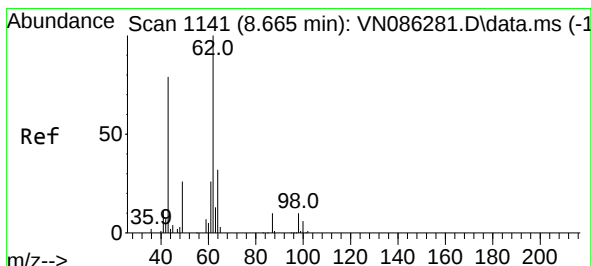
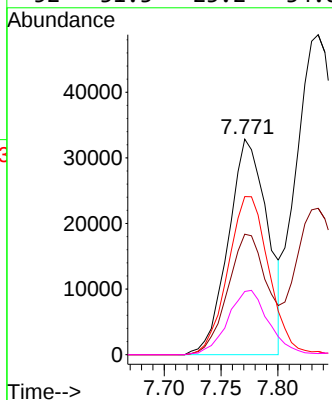
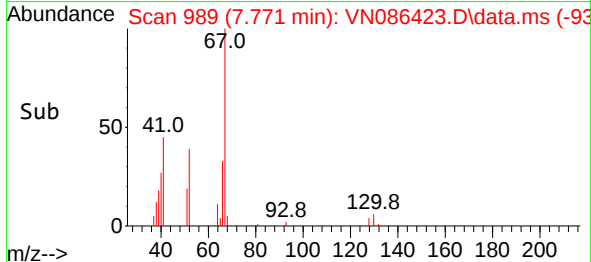
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 78928
Ion Ratio Lower Upper
41 100
39 56.2 43.0 64.4
67 76.9 58.8 88.2
52 31.3 23.2 34.8

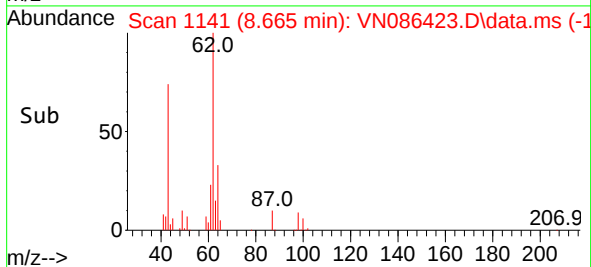
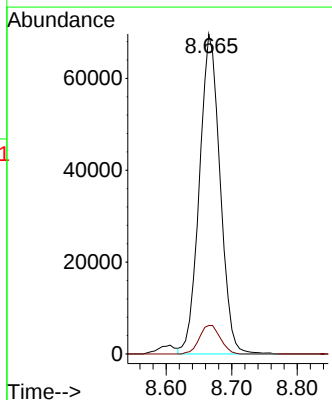
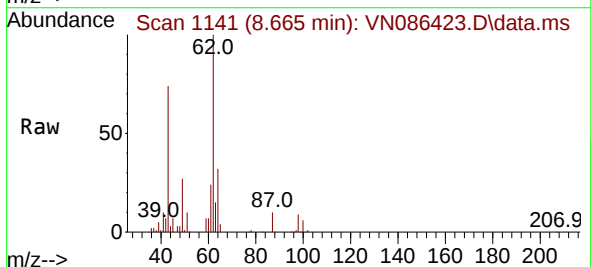
Manual Integrations
APPROVED

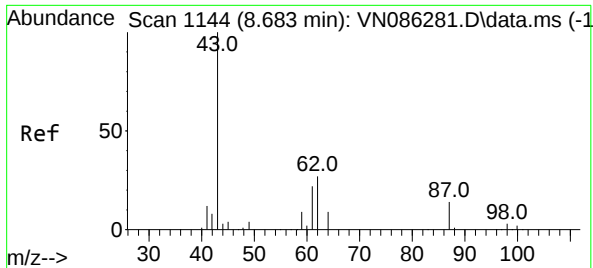
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#42
1,2-Dichloroethane
Concen: 46.128 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

Tgt Ion: 62 Resp: 152880
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.2





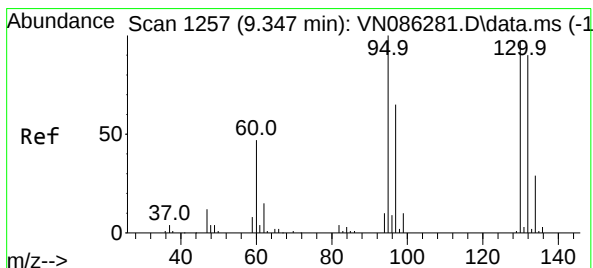
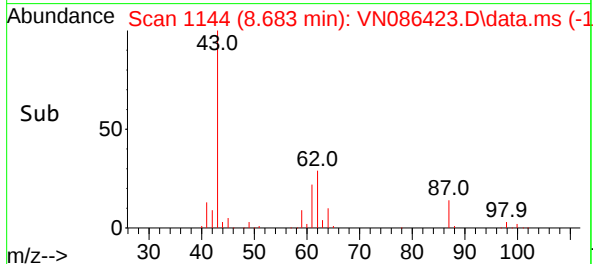
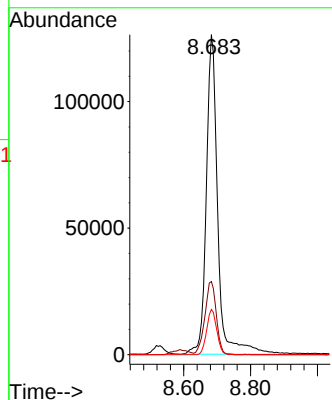
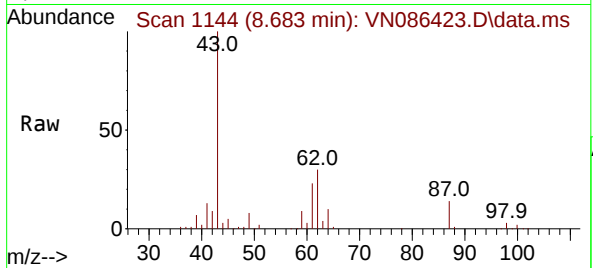
#43
Isopropyl Acetate
Concen: 48.705 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 298062
Ion Ratio Lower Upper
43 100
61 23.0 20.5 30.7
87 12.4 10.5 15.7

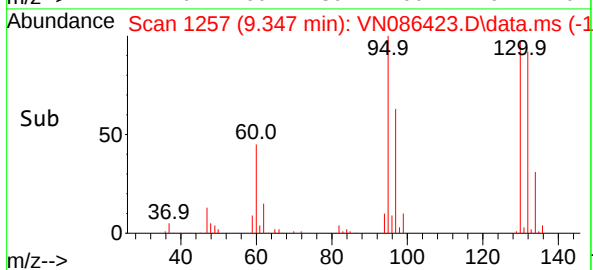
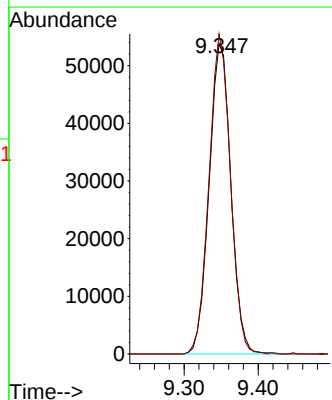
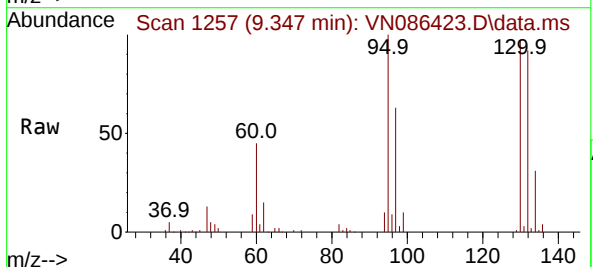
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#44
Trichloroethene
Concen: 44.443 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

Tgt Ion:130 Resp: 109478
Ion Ratio Lower Upper
130 100
95 103.1 0.0 207.2





#45

1,2-Dichloropropane

Concen: 43.887 ug/l

RT: 9.618 min Scan# 11165

Delta R.T. 0.000 min

Lab File: VN086423.D

Acq: 29 Apr 2025 03:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 11165

Ion Ratio Lower Upper

63 100

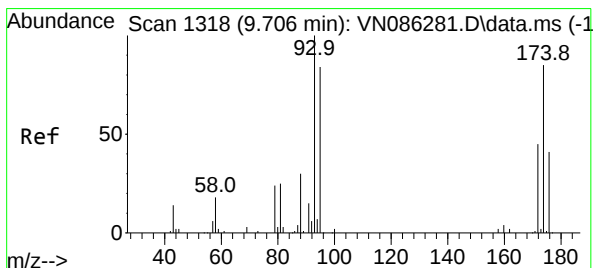
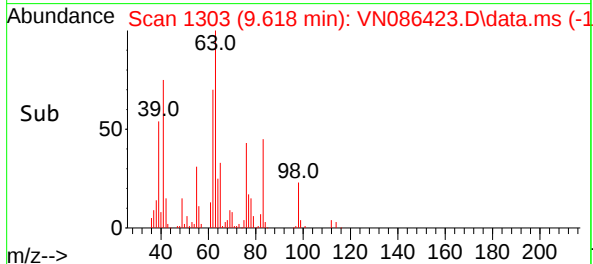
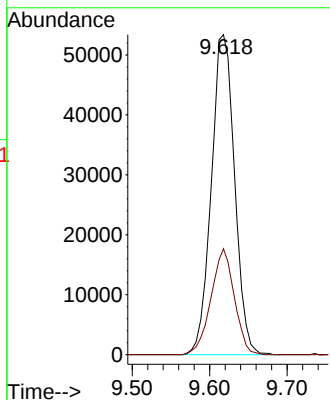
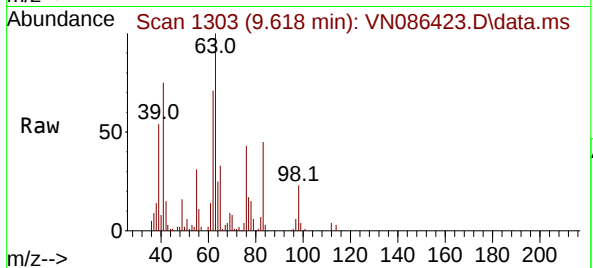
65 33.1 25.4 38.2

Manual Integrations

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Reviewed By :John Carlone 04/29/2025

Supervised By :Semsettin Yesilyurt 04/29/2025



#46

Dibromomethane

Concen: 47.338 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086423.D

Acq: 29 Apr 2025 03:44

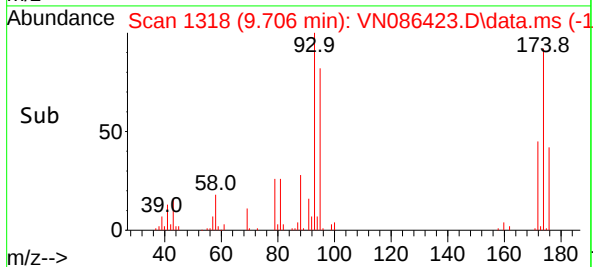
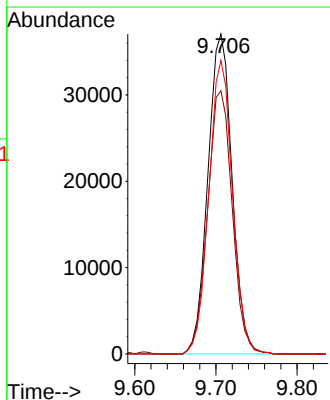
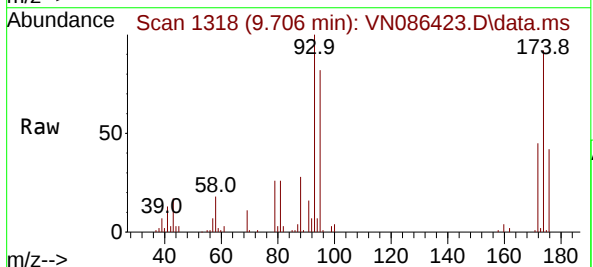
Tgt Ion: 93 Resp: 76732

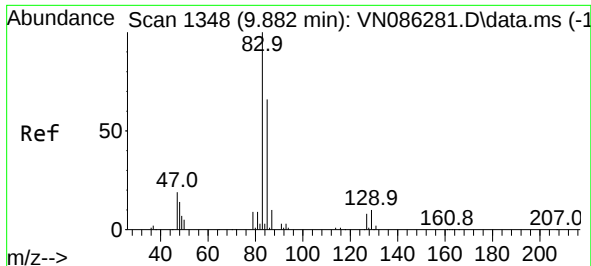
Ion Ratio Lower Upper

93 100

95 83.7 66.2 99.4

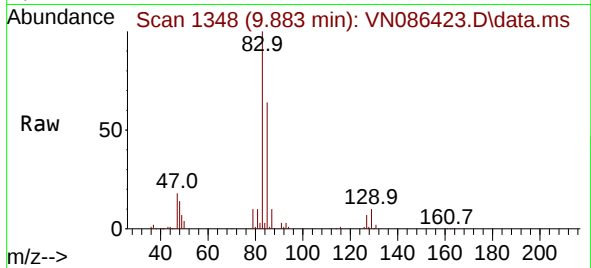
174 89.9 67.8 101.6





#47
Bromodichloromethane
Concen: 47.039 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

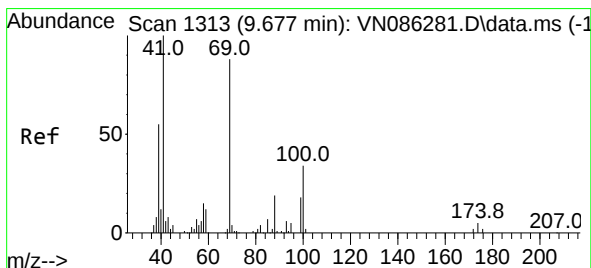
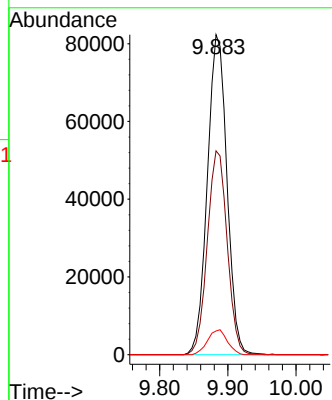
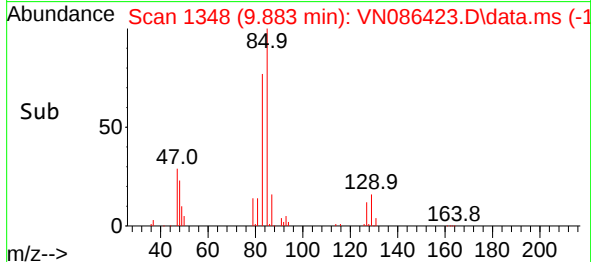
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



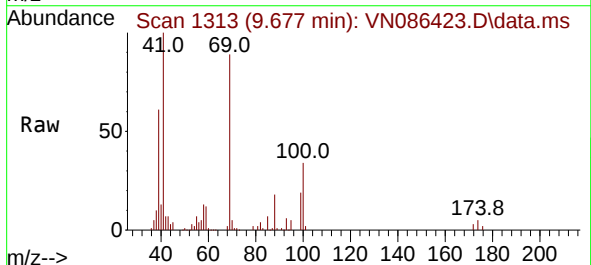
Tgt Ion: 83 Resp: 164678
Ion Ratio Lower Upper
83 100
85 63.7 52.6 78.8
127 7.4 6.1 9.1

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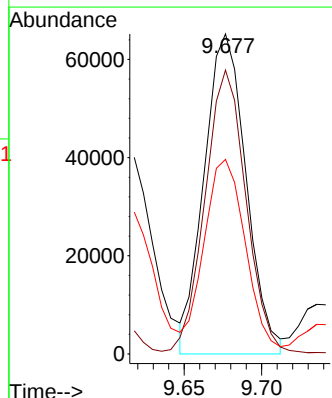
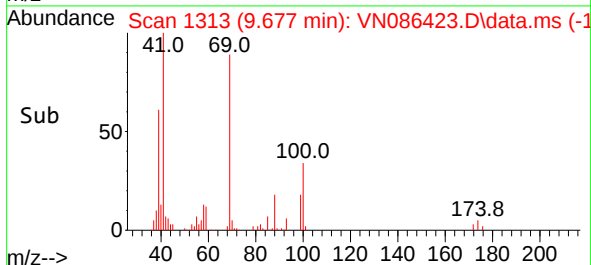
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025

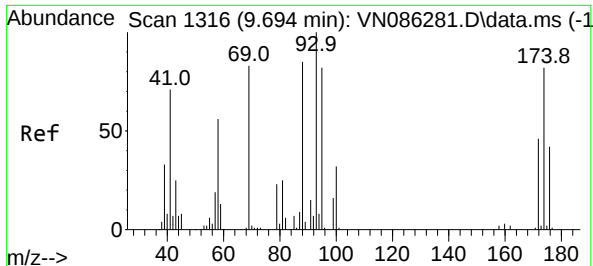


#48
Methyl methacrylate
Concen: 40.814 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44



Tgt Ion: 41 Resp: 122401
Ion Ratio Lower Upper
41 100
69 87.8 68.2 102.2
39 60.5 45.2 67.8





#49

1,4-Dioxane

Concen: 840.168 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.006 min

Lab File: VN086423.D

Acq: 29 Apr 2025 03:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 4285

Ion Ratio Lower Upper

88 100

43 27.2 23.8 35.8

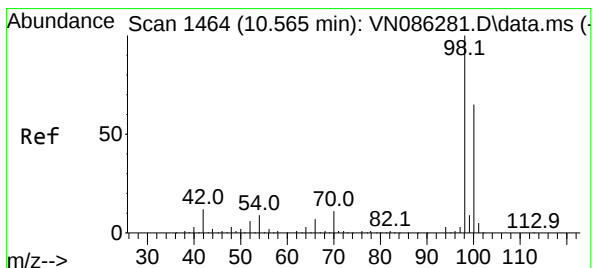
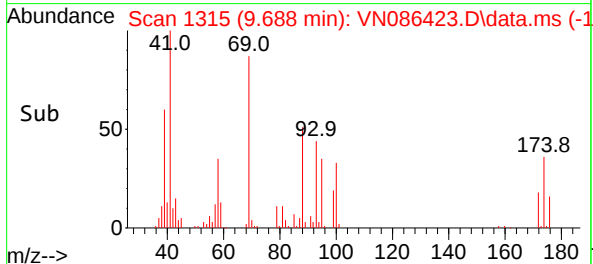
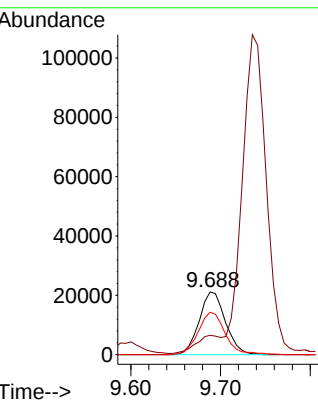
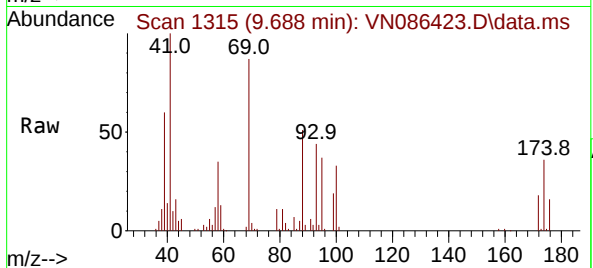
58 69.8 57.4 86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2025

Supervised By :Semsettin Yesilyurt 04/29/2025



#50

Toluene-d8

Concen: 50.604 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN086423.D

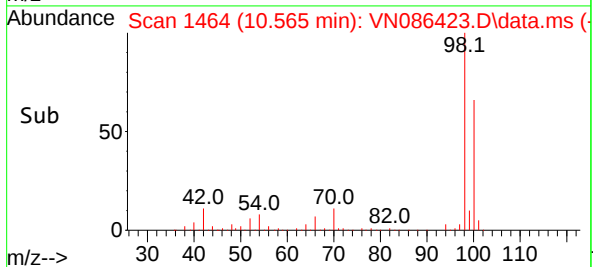
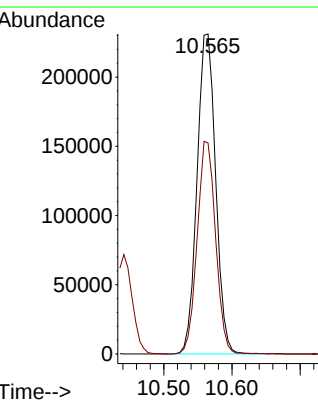
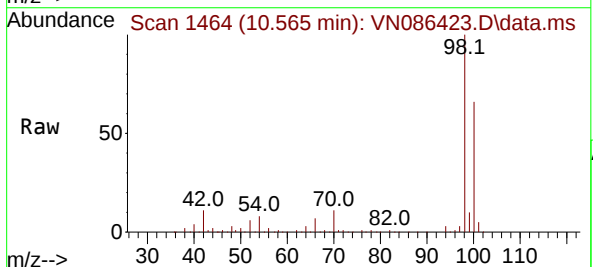
Acq: 29 Apr 2025 03:44

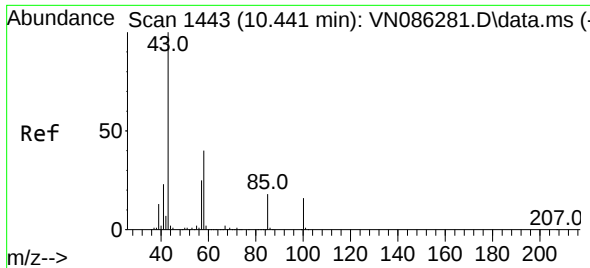
Tgt Ion: 98 Resp: 439235

Ion Ratio Lower Upper

98 100

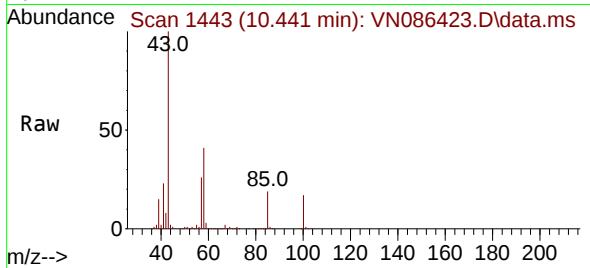
100 65.9 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 217.373 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

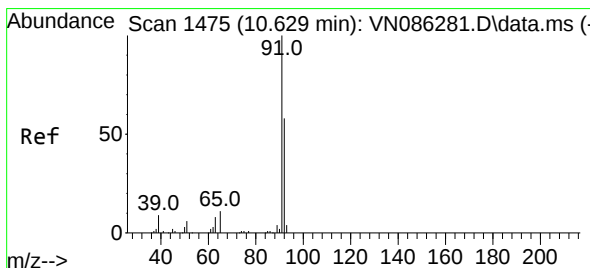
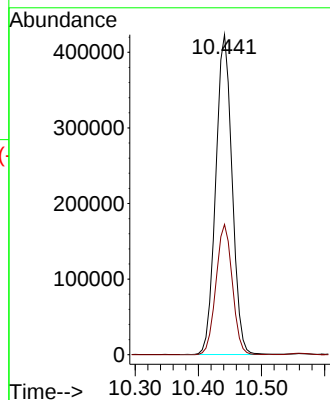
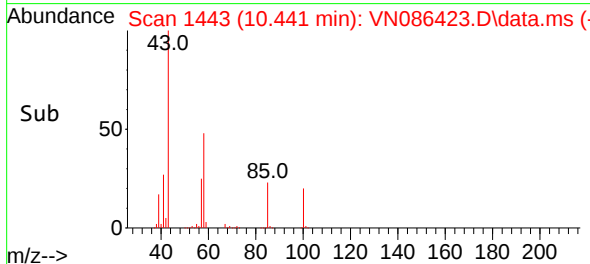
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 76016
Ion Ratio Lower Upper
43 100
58 40.8 32.2 48.4

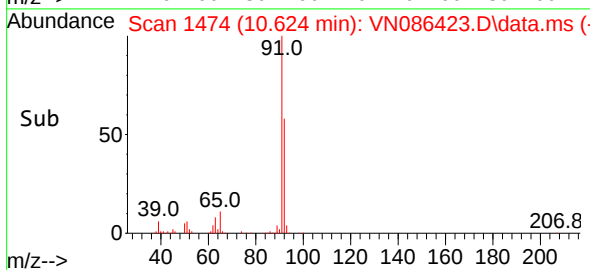
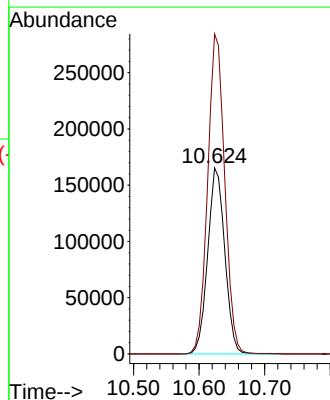
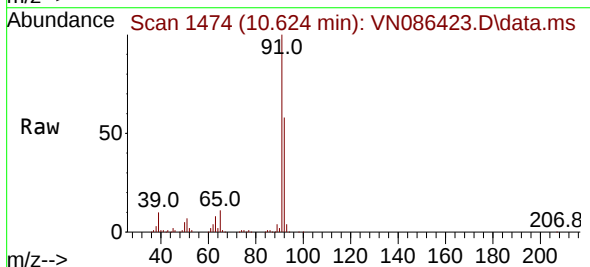
Manual Integrations
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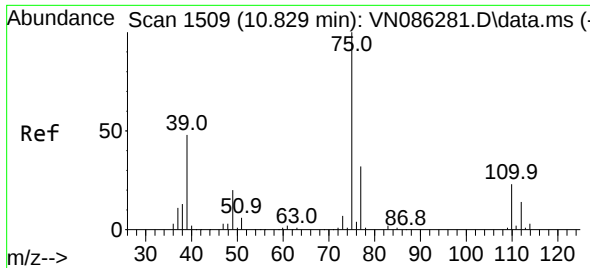
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#52
Toluene
Concen: 46.160 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

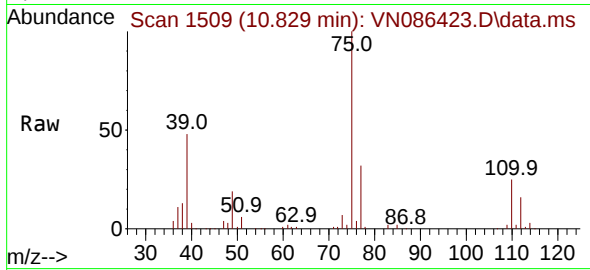
Tgt Ion: 92 Resp: 299344
Ion Ratio Lower Upper
92 100
91 171.7 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 44.416 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

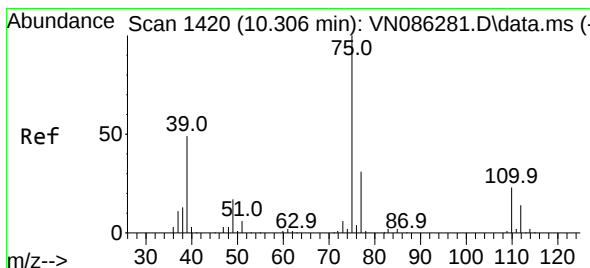
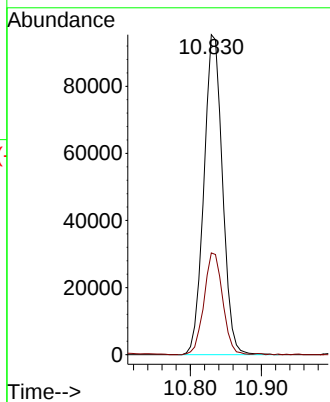
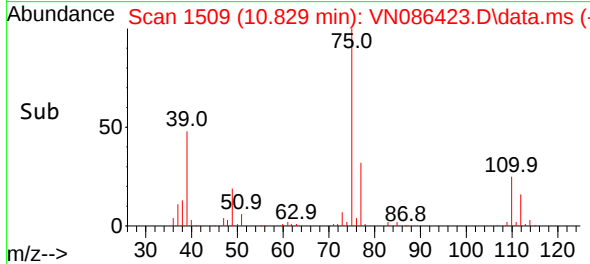
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 173579
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0

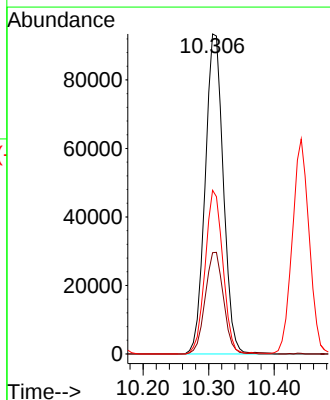
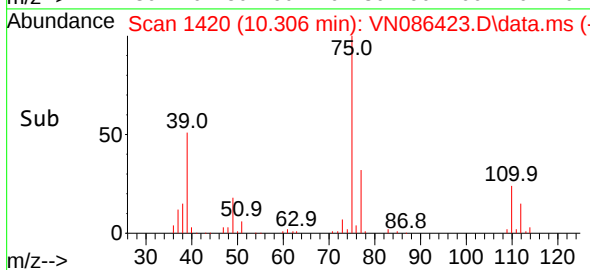
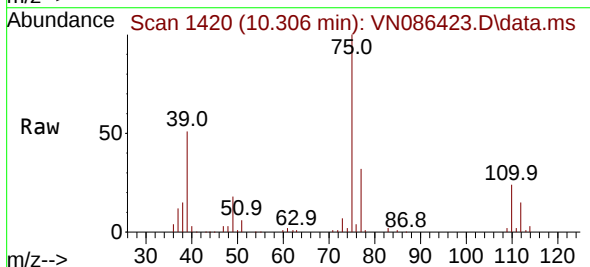
Manual Integrations
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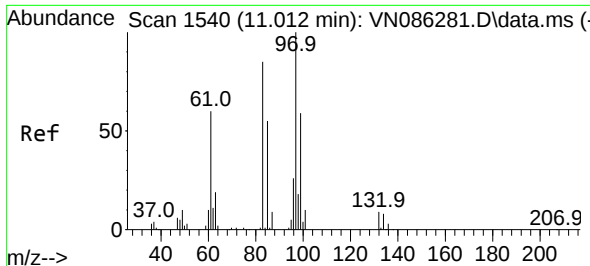
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#54
cis-1,3-Dichloropropene
Concen: 41.958 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

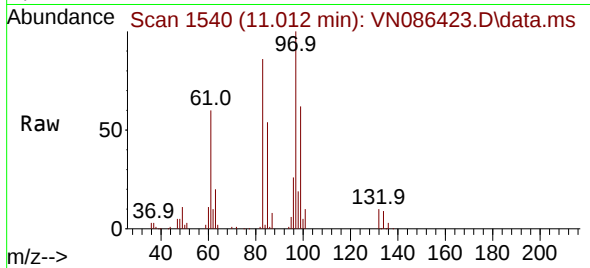
Tgt Ion: 75 Resp: 180099
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8
39 51.2 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 46.893 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

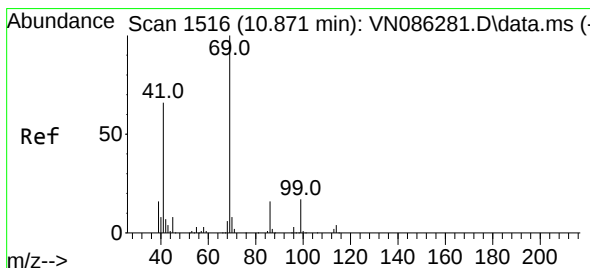
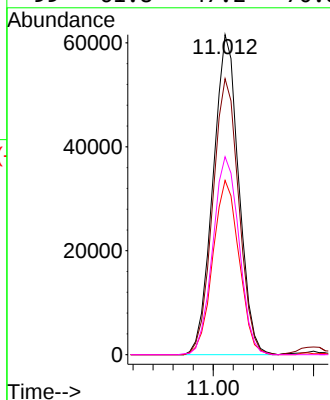
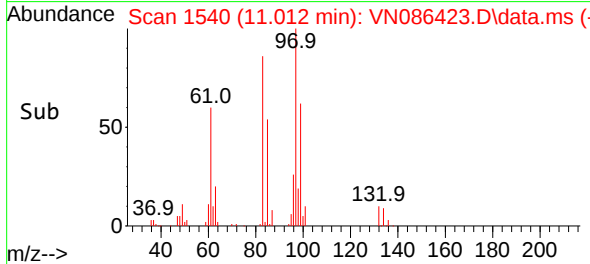
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 109412
Ion Ratio Lower Upper
97 100
83 86.3 68.4 102.6
85 54.4 43.9 65.9
99 61.8 47.2 70.8

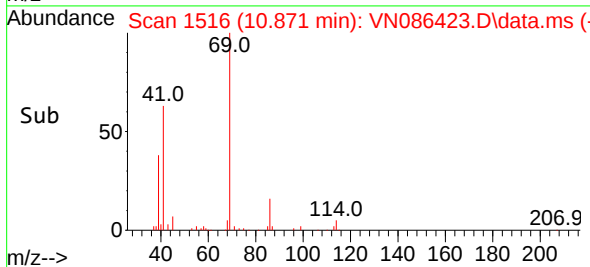
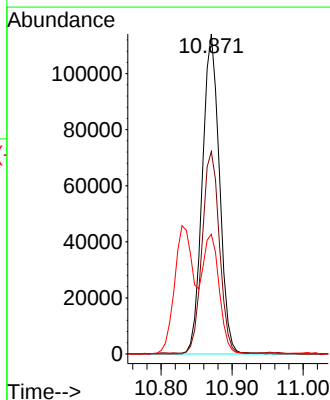
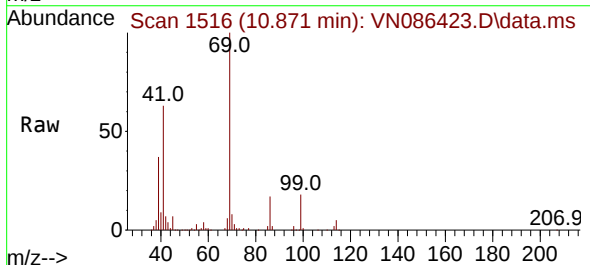
Manual Integrations
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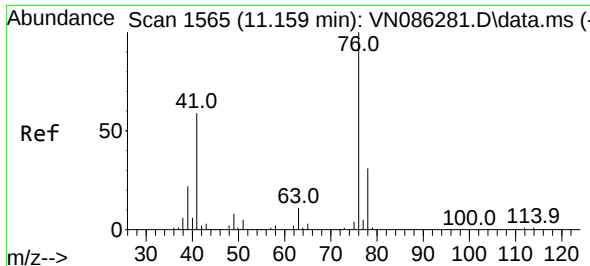
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#56
Ethyl methacrylate
Concen: 44.539 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

Tgt Ion: 69 Resp: 191019
Ion Ratio Lower Upper
69 100
41 63.6 51.7 77.5
39 34.9 26.3 39.5





#57

1,3-Dichloropropane

Concen: 46.378 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN086423.D

Acq: 29 Apr 2025 03:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 191989

Ion Ratio Lower Upper

76 100

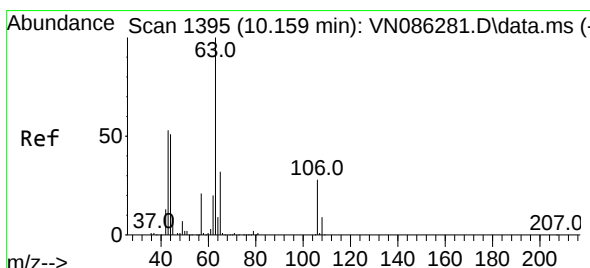
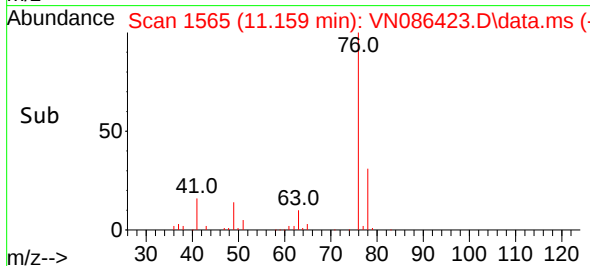
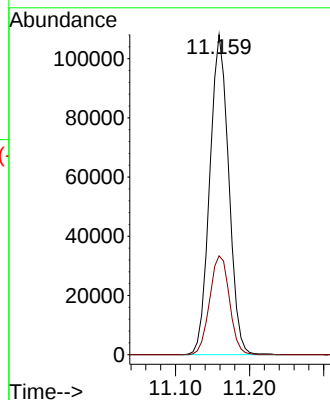
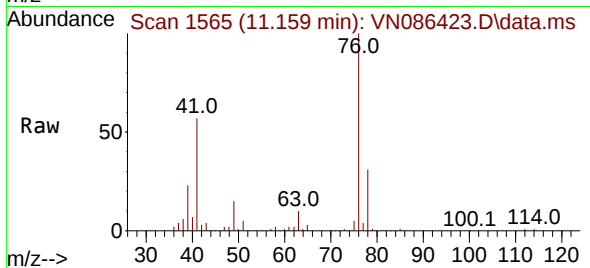
78 32.2 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2025

Supervised By :Semsettin Yesilyurt 04/29/2025



#58

2-Chloroethyl Vinyl ether

Concen: 205.693 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN086423.D

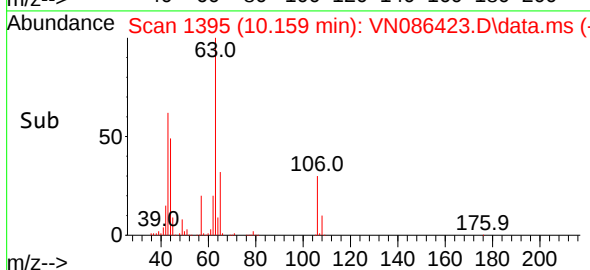
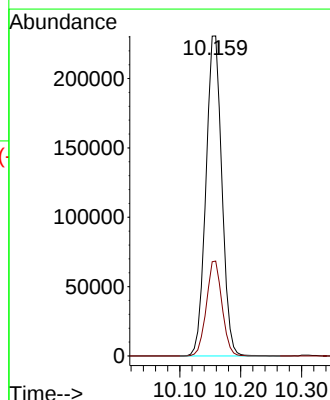
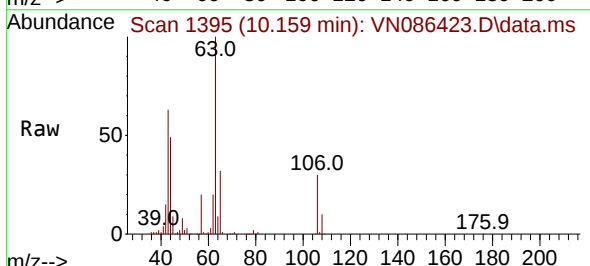
Acq: 29 Apr 2025 03:44

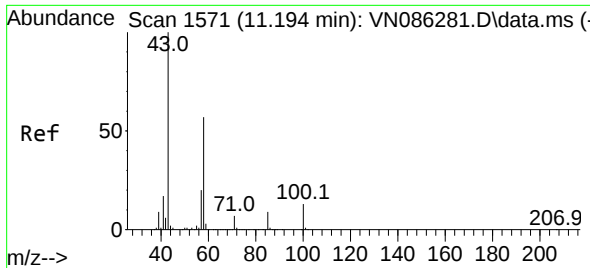
Tgt Ion: 63 Resp: 418712

Ion Ratio Lower Upper

63 100

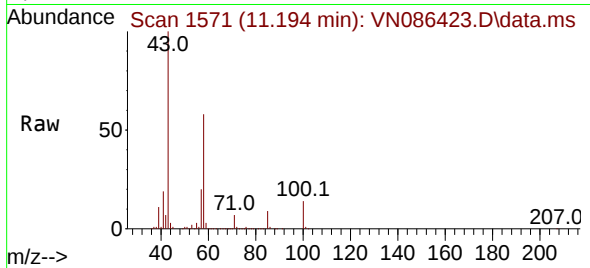
106 29.1 22.2 33.2





#59
2-Hexanone
Concen: 214.634 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

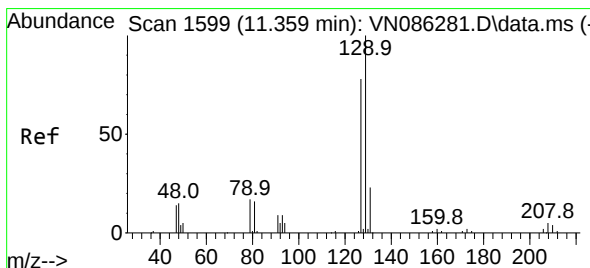
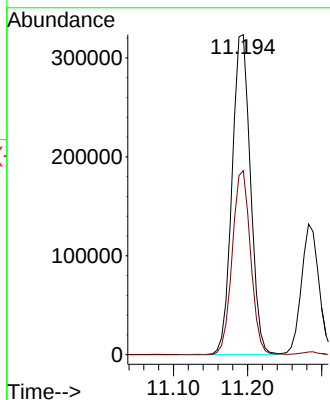
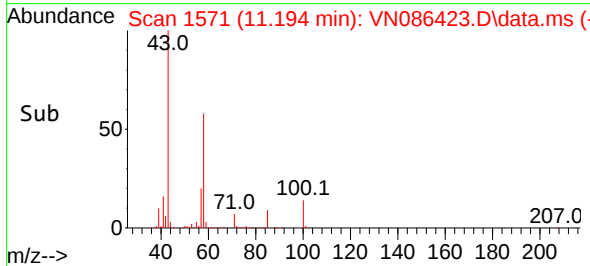
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 55673
Ion Ratio Lower Upper
43 100
58 57.4 28.3 85.0

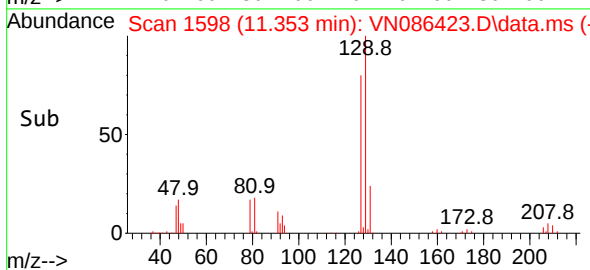
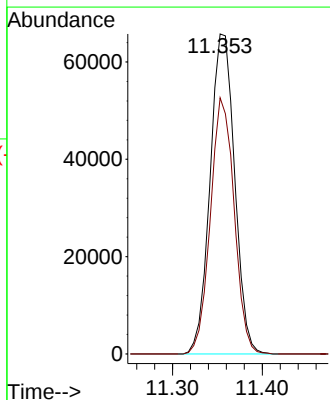
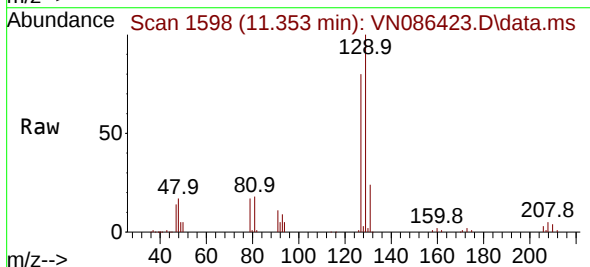
Manual Integrations
APPROVED

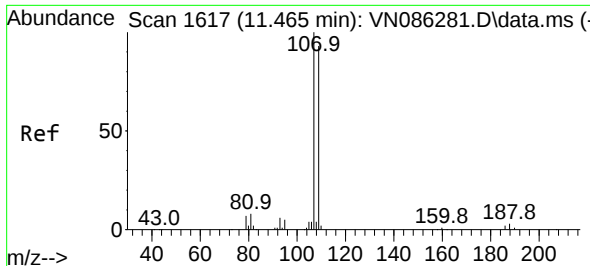
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#60
Dibromochloromethane
Concen: 48.839 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

Tgt Ion:129 Resp: 125131
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1





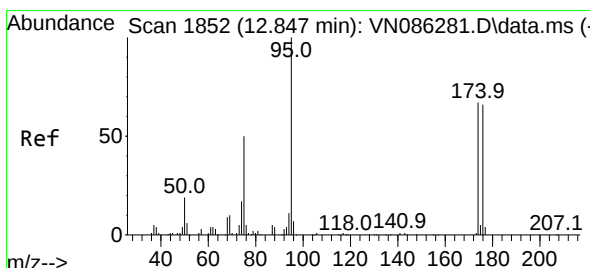
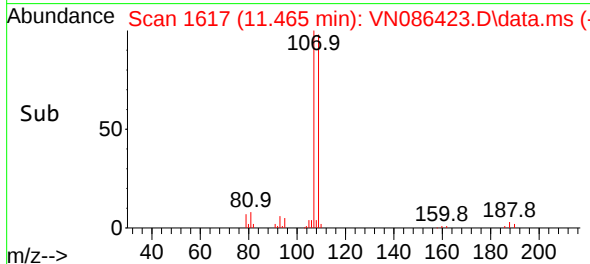
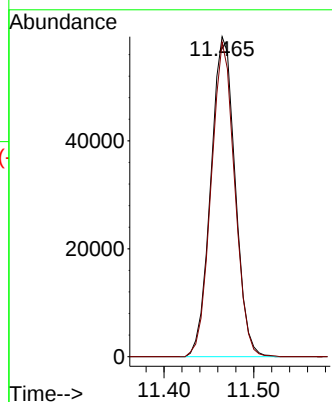
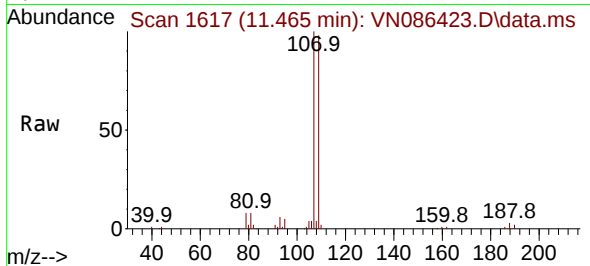
#61
1,2-Dibromoethane
Concen: 47.485 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 11179
Ion Ratio Lower Upper
107 100
109 94.9 75.4 113.0

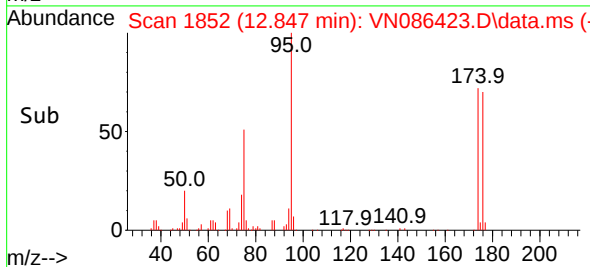
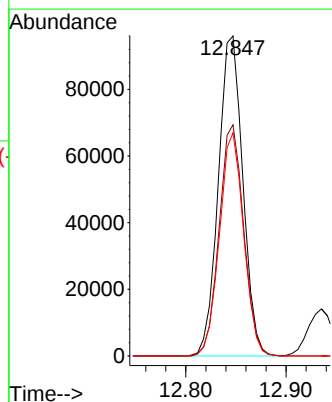
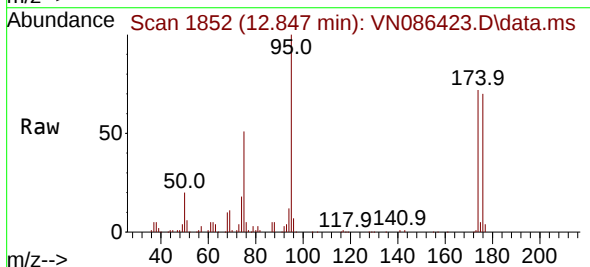
Manual Integrations
APPROVED

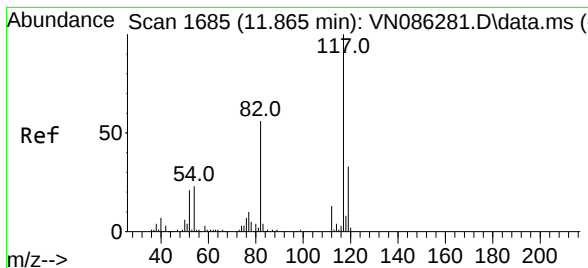
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#62
4-Bromofluorobenzene
Concen: 51.332 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

Tgt Ion: 95 Resp: 162512
Ion Ratio Lower Upper
95 100
174 72.6 0.0 133.4
176 68.9 0.0 129.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN086423.D

Acq: 29 Apr 2025 03:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 324680

Ion Ratio Lower Upper

117 100

82 54.3 44.7 67.1

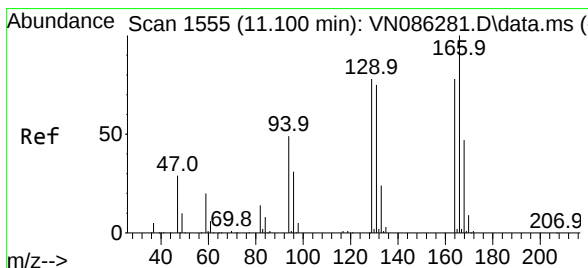
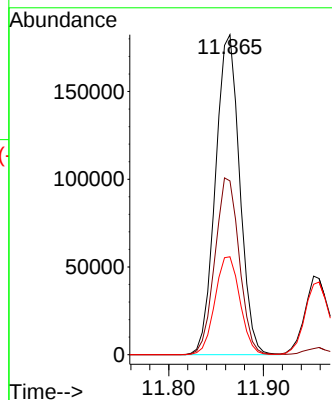
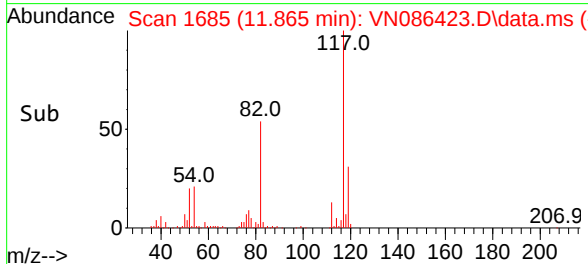
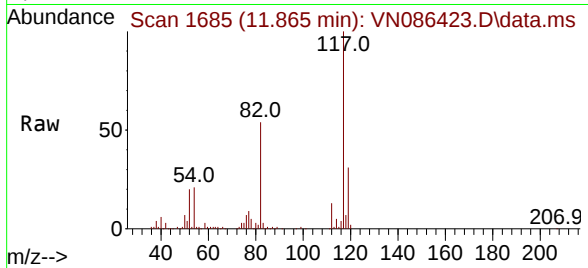
119 30.6 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2025

Supervised By :Semsettin Yesilyurt 04/29/2025



#64

Tetrachloroethene

Concen: 42.406 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN086423.D

Acq: 29 Apr 2025 03:44

Tgt Ion:164 Resp: 105907

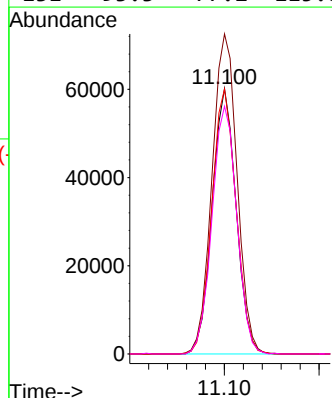
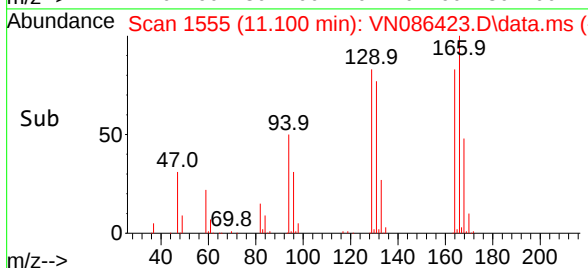
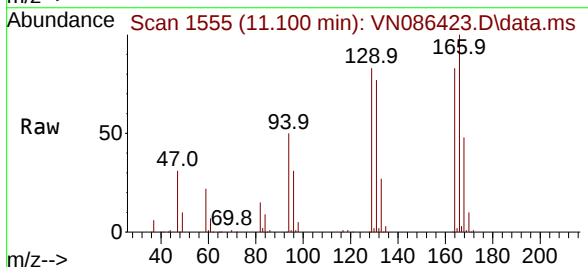
Ion Ratio Lower Upper

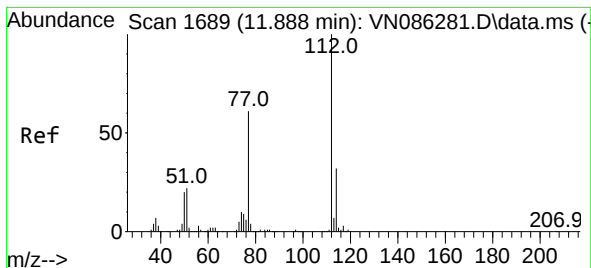
164 100

166 120.6 103.0 154.4

129 99.8 80.1 120.1

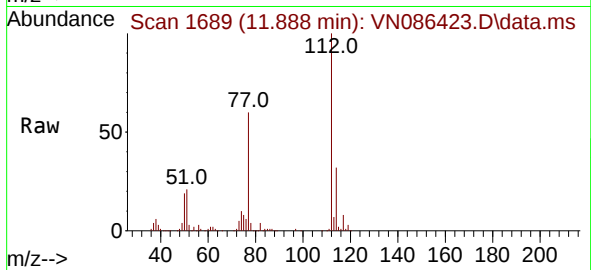
131 93.3 77.2 115.8





#65
Chlorobenzene
Concen: 45.404 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

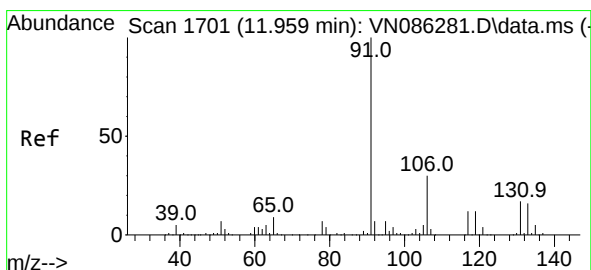
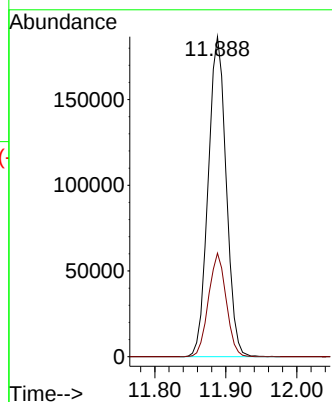
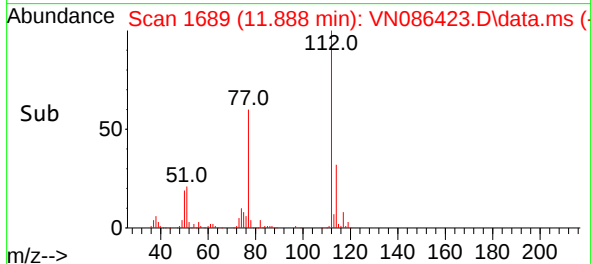
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 328980
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.0

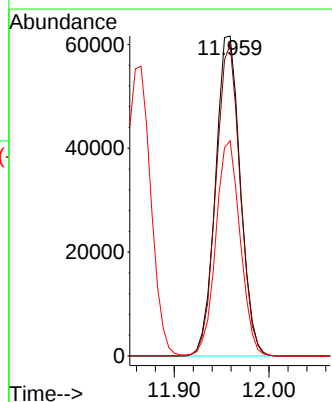
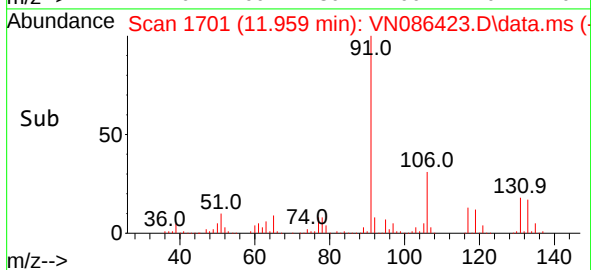
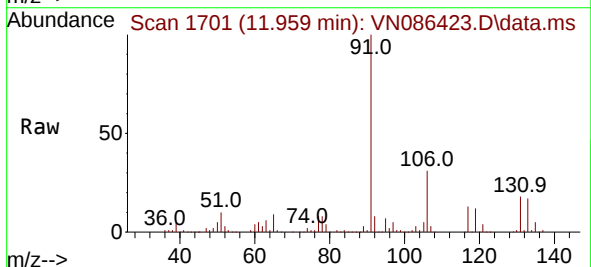
Manual Integrations
APPROVED

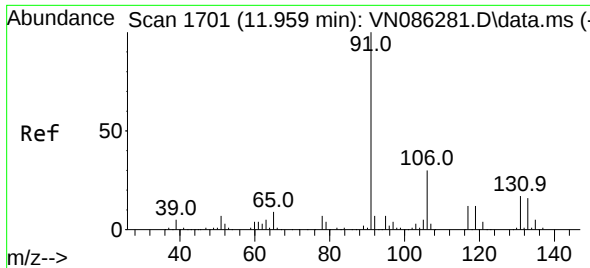
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 46.914 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

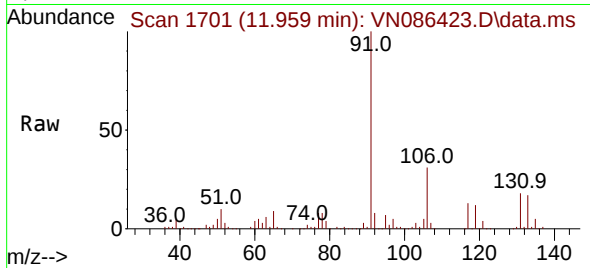
Tgt Ion:131 Resp: 112142
Ion Ratio Lower Upper
131 100
133 95.3 47.1 141.3
119 66.2 33.8 101.4





#67
Ethyl Benzene
Concen: 44.726 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

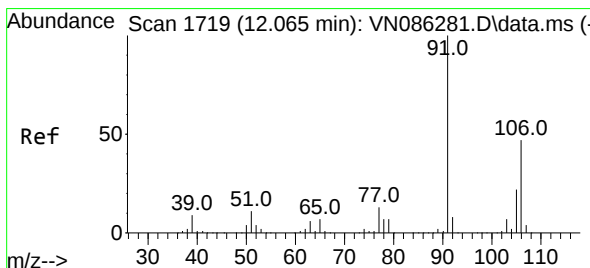
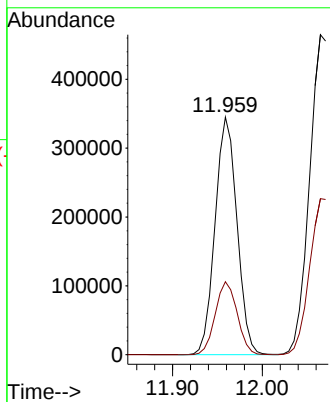
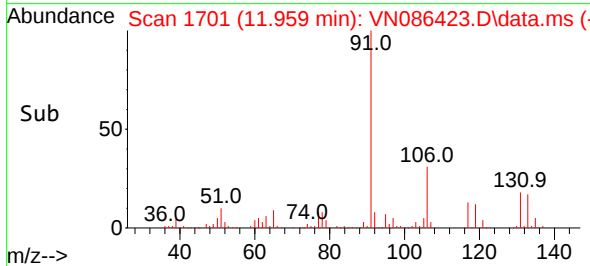
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 584802
Ion Ratio Lower Upper
91 100
106 30.7 24.3 36.5

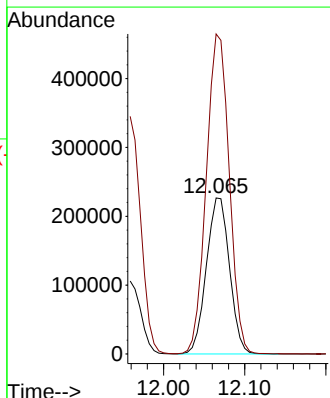
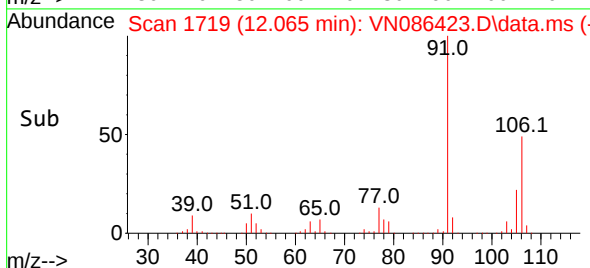
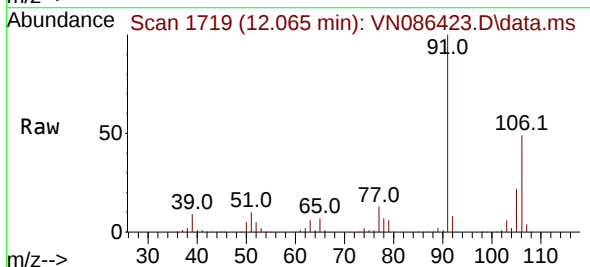
Manual Integrations
APPROVED

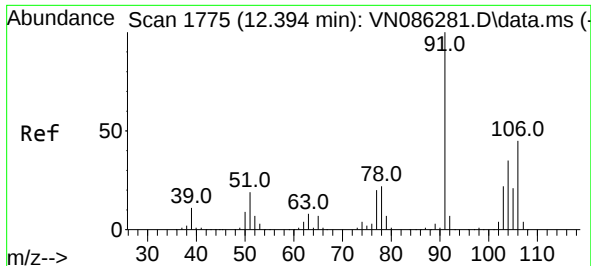
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#68
m/p-Xylenes
Concen: 91.469 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

Tgt Ion:106 Resp: 448127
Ion Ratio Lower Upper
106 100
91 203.9 166.5 249.7





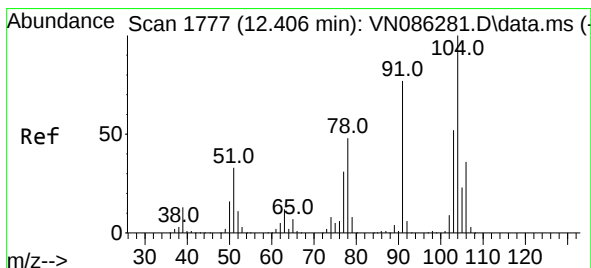
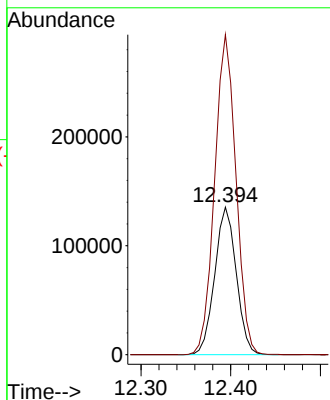
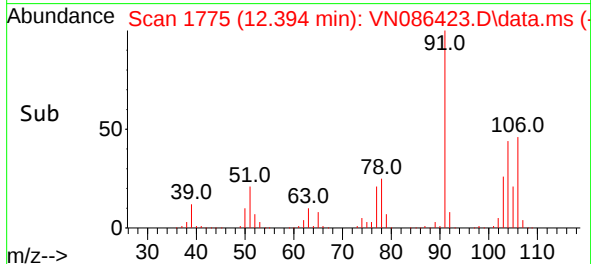
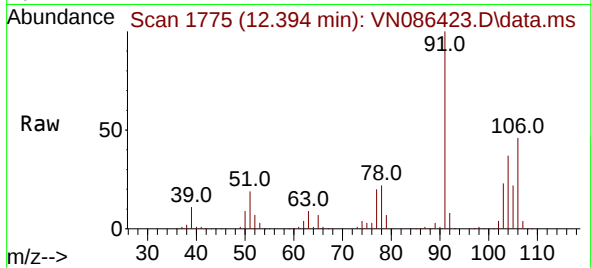
#69
o-Xylene
Concen: 46.637 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 22595
Ion Ratio Lower Upper
106 100
91 214.7 109.7 329.0

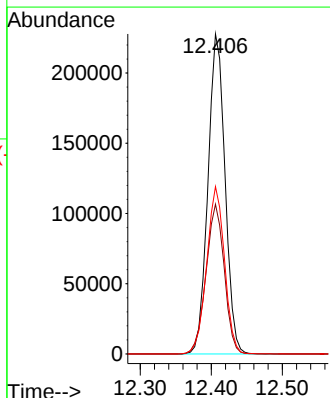
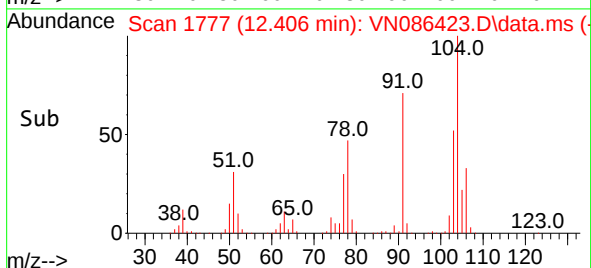
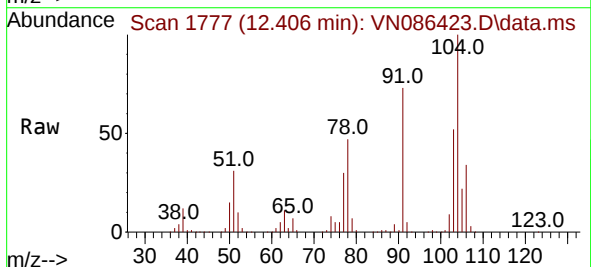
Manual Integrations
APPROVED

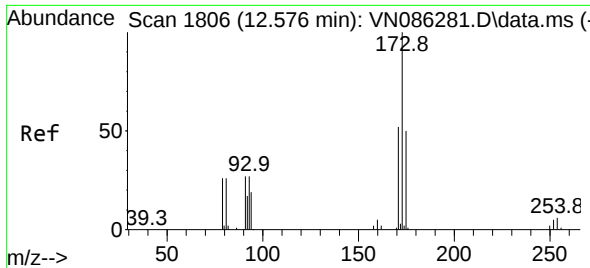
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#70
Styrene
Concen: 47.328 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

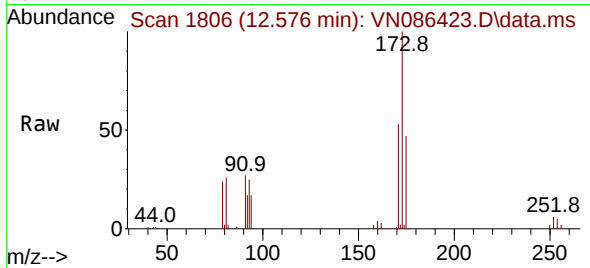
Tgt Ion:104 Resp: 382070
Ion Ratio Lower Upper
104 100
78 49.8 40.6 61.0
103 54.7 43.6 65.4





#71
Bromoform
Concen: 47.846 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

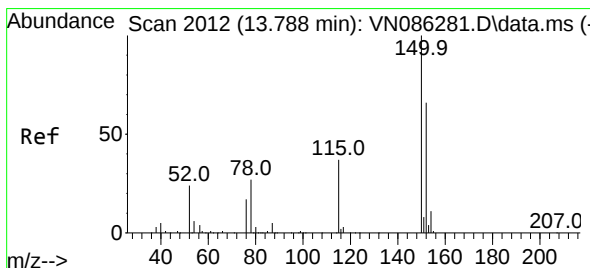
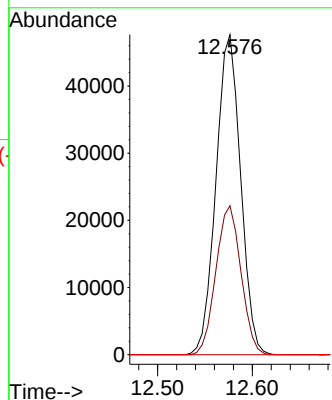
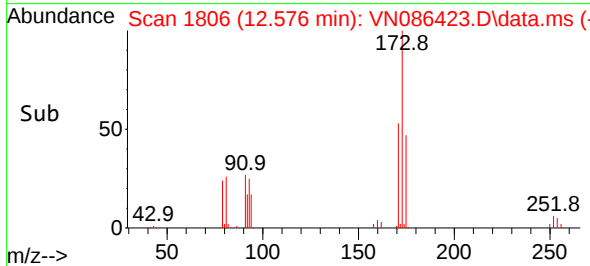
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



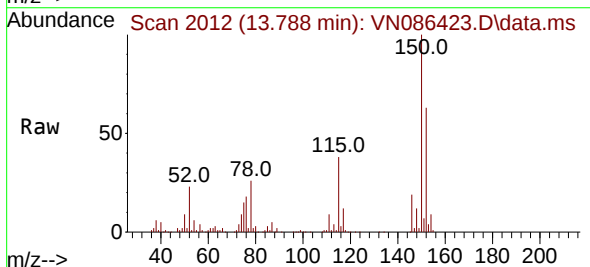
Tgt Ion:173 Resp: 86109
Ion Ratio Lower Upper
173 100
175 47.3 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

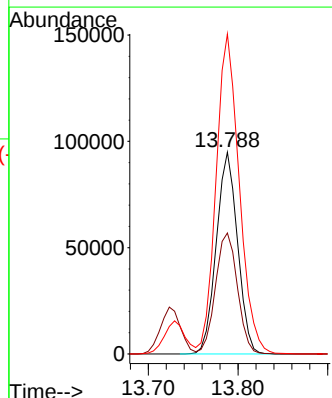
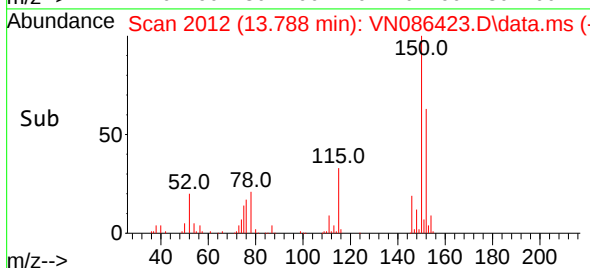
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025

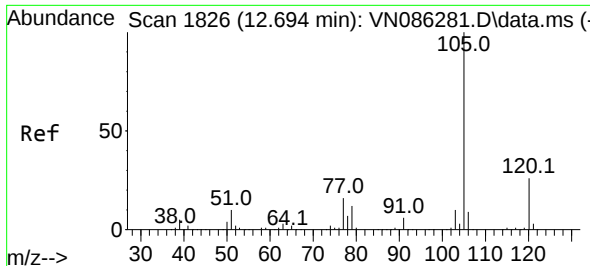


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44



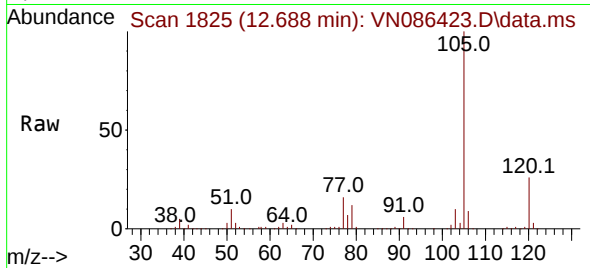
Tgt Ion:152 Resp: 155947
Ion Ratio Lower Upper
152 100
115 62.0 31.9 95.9
150 172.9 0.0 352.0





#73
Isopropylbenzene
Concen: 43.551 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. -0.006 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

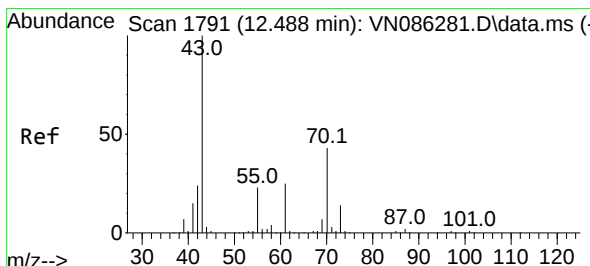
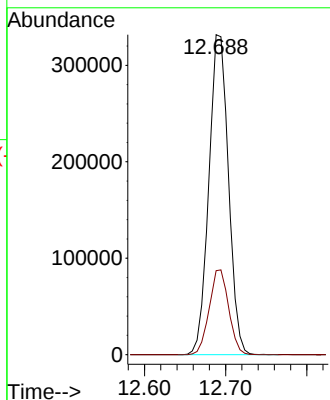
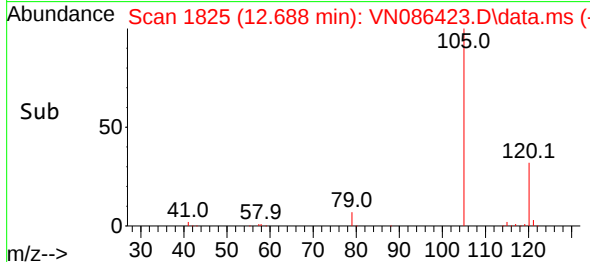
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



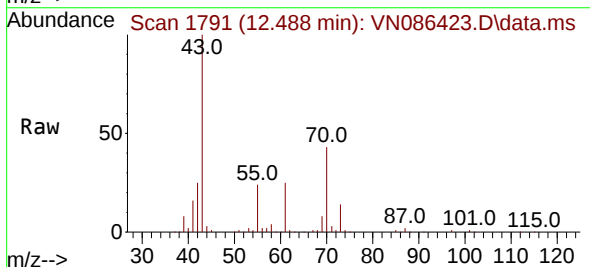
Tgt Ion:105 Resp: 555574
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3

Manual Integrations
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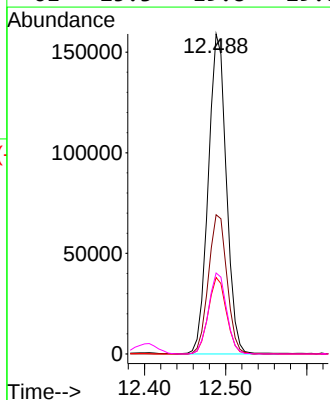
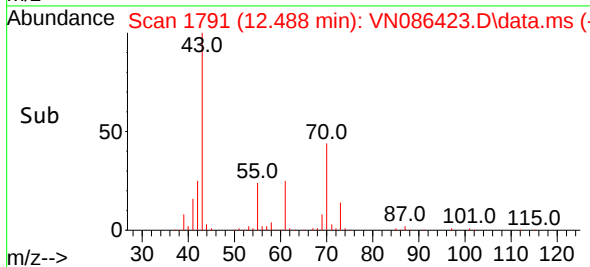
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025

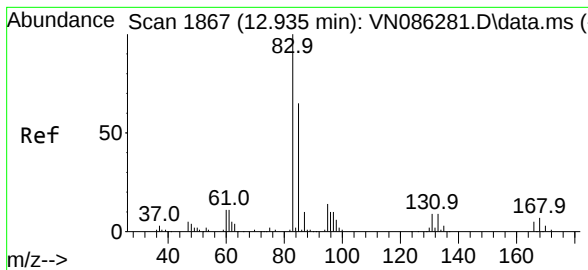


#74
N-ethyl acetate
Concen: 38.712 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44



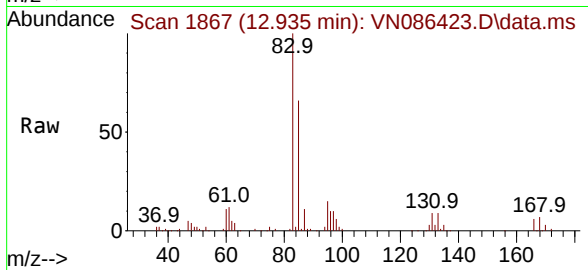
Tgt Ion: 43 Resp: 245848
Ion Ratio Lower Upper
43 100
70 44.5 35.0 52.4
55 23.9 19.0 28.4
61 25.3 19.8 29.8





#75
1,1,2,2-Tetrachloroethane
Concen: 44.748 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

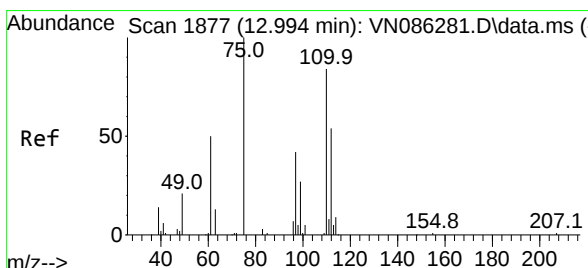
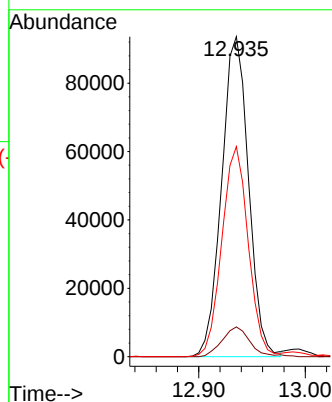
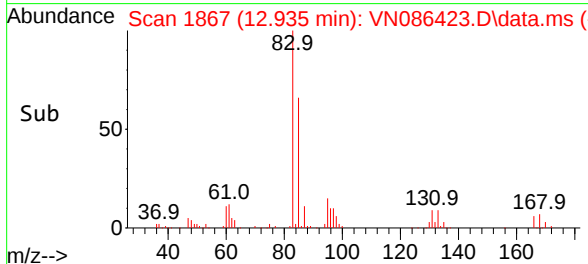
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



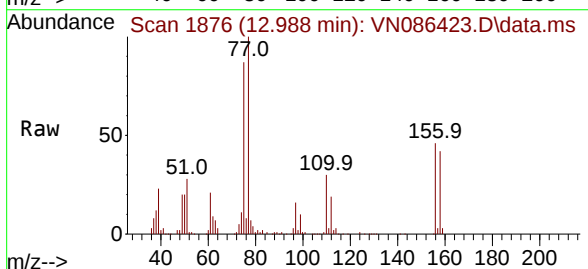
Tgt Ion: 83 Resp: 16413
Ion Ratio Lower Upper
83 100
131 9.6 4.7 14.1
85 64.2 32.7 98.1

Manual Integrations
APPROVED

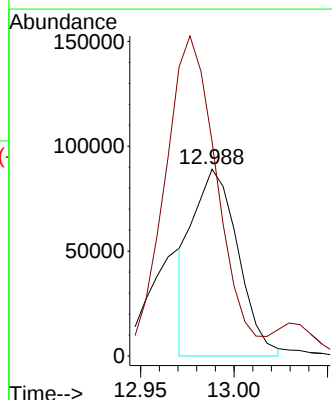
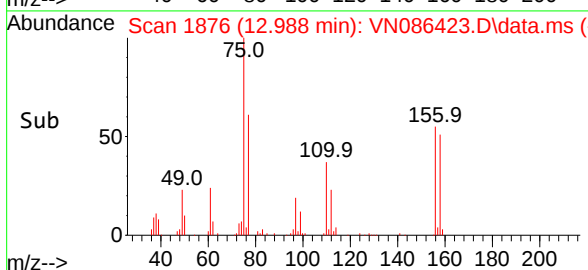
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#76
1,2,3-Trichloropropane
Concen: 40.859 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44



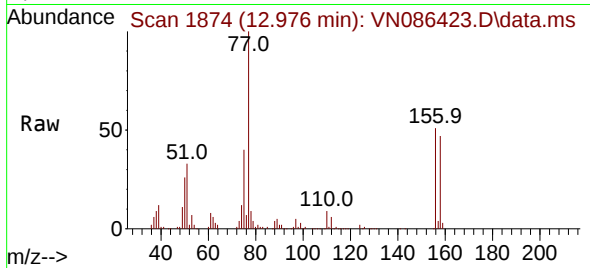
Tgt Ion: 75 Resp: 150365
Ion Ratio Lower Upper
75 100
77 199.9 98.8 296.4





#77
Bromobenzene
Concen: 47.076 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

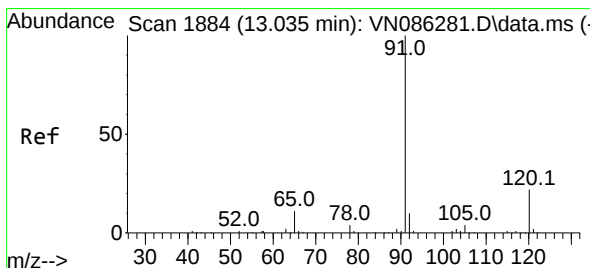
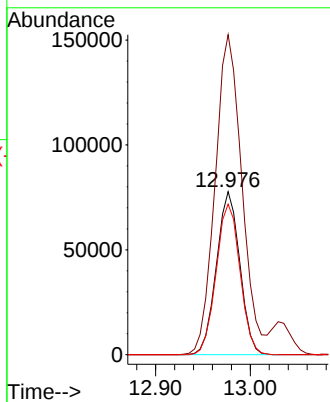
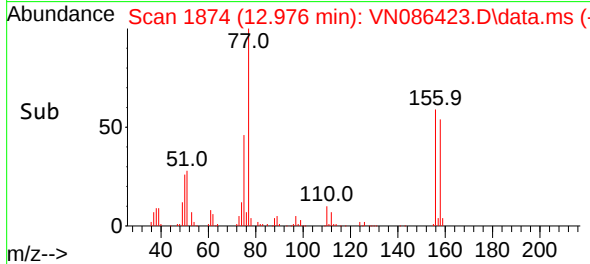
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



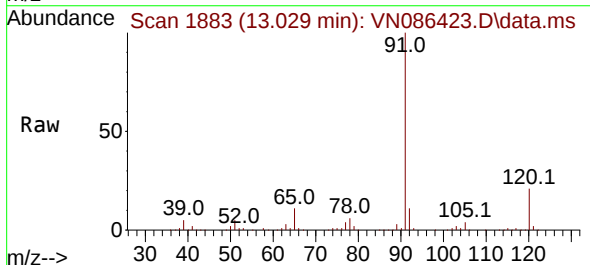
Tgt Ion:156 Resp: 133063
Ion Ratio Lower Upper
156 100
77 225.9 121.1 363.1
158 94.3 47.9 143.6

Manual Integrations
APPROVED

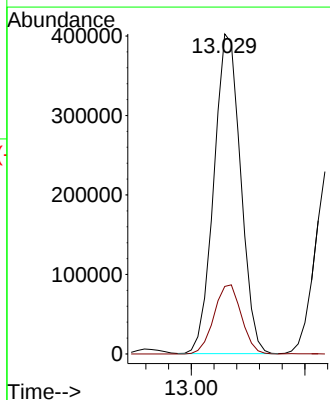
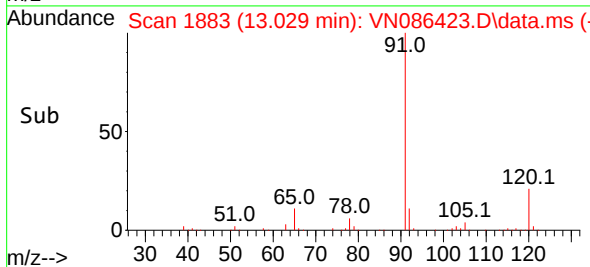
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025

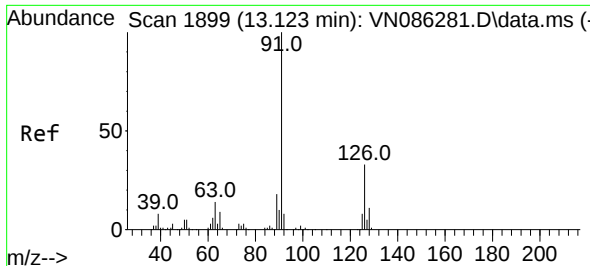


#78
n-propylbenzene
Concen: 43.766 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44



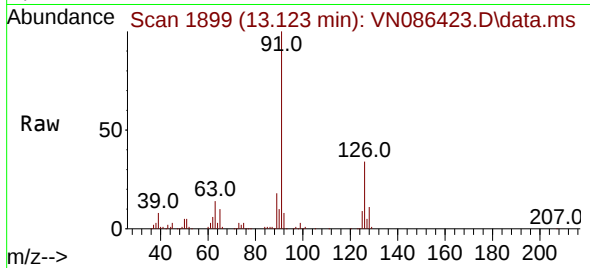
Tgt Ion: 91 Resp: 657896
Ion Ratio Lower Upper
91 100
120 22.1 11.1 33.3





#79
2-Chlorotoluene
Concen: 43.907 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

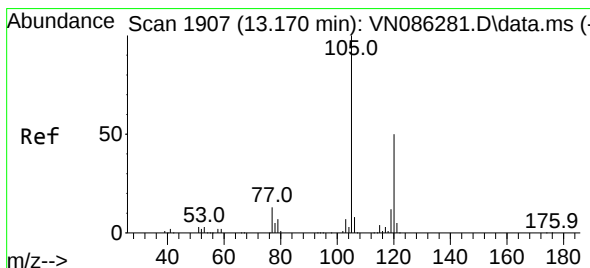
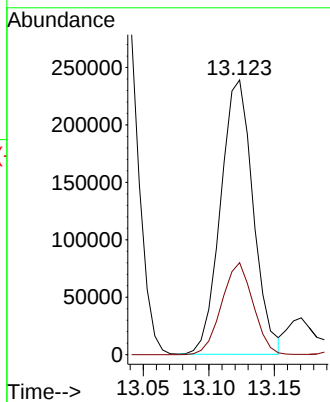
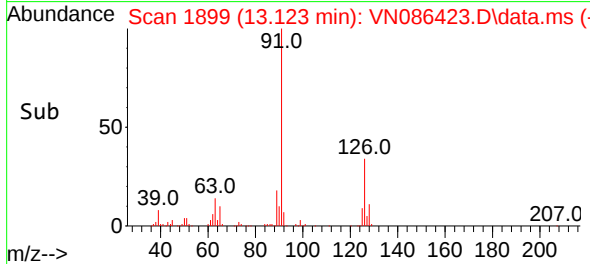
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



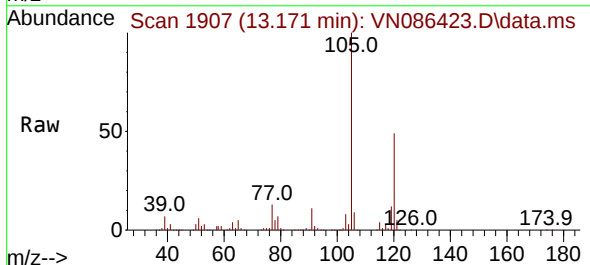
Tgt Ion: 91 Resp: 413000
Ion Ratio Lower Upper
91 100
126 32.4 16.1 48.2

Manual Integrations
APPROVED

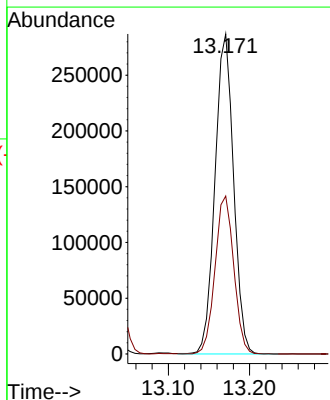
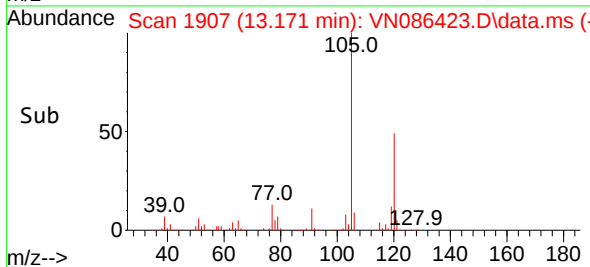
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025

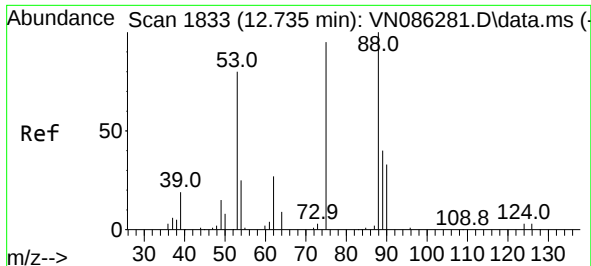


#80
1,3,5-Trimethylbenzene
Concen: 43.718 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44



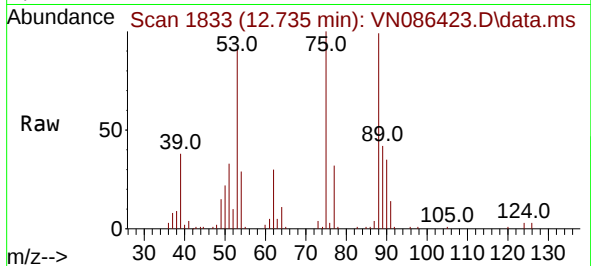
Tgt Ion:105 Resp: 456461
Ion Ratio Lower Upper
105 100
120 49.8 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 38.286 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

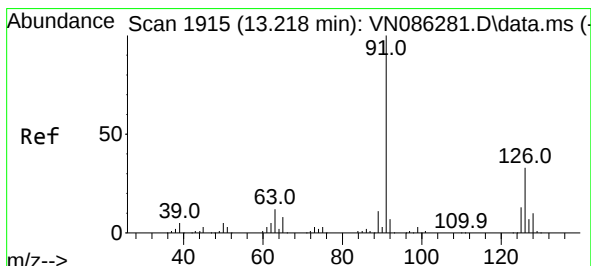
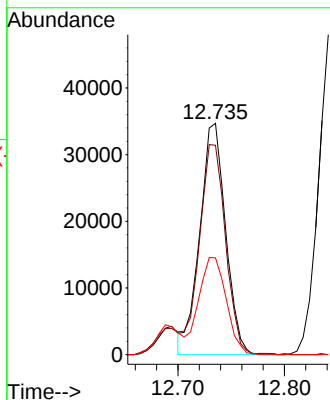
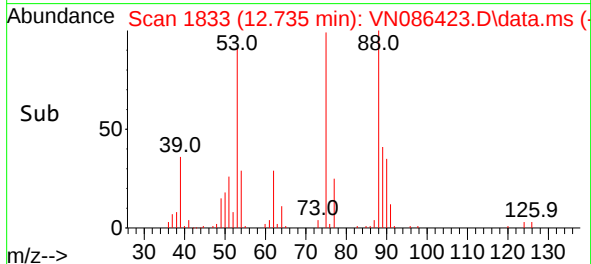
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



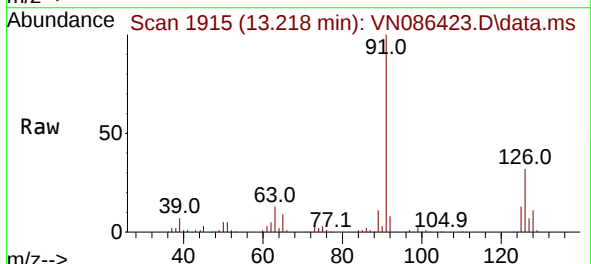
Tgt Ion: 75 Resp: 5866
Ion Ratio Lower Upper
75 100
53 102.9 79.2 118.8
89 44.6 35.7 53.5

Manual Integrations
APPROVED

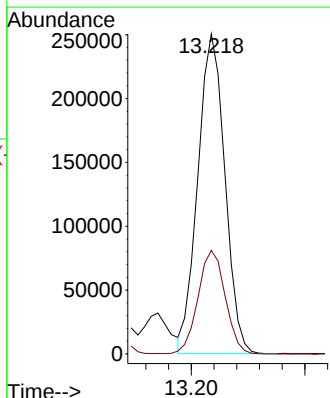
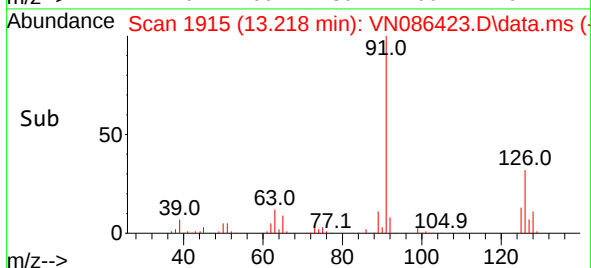
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025

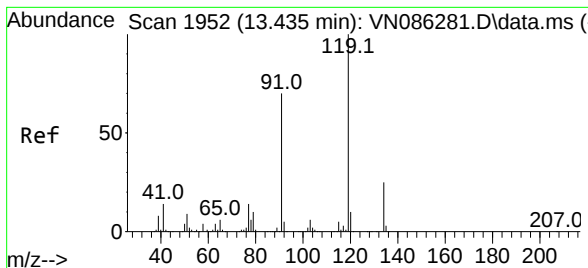


#82
4-Chlorotoluene
Concen: 44.331 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44



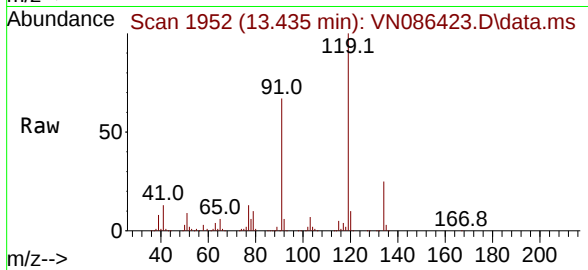
Tgt Ion: 91 Resp: 414222
Ion Ratio Lower Upper
91 100
126 32.6 16.2 48.6





#83
tert-Butylbenzene
Concen: 43.941 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

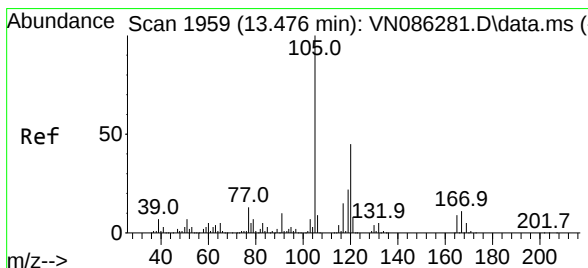
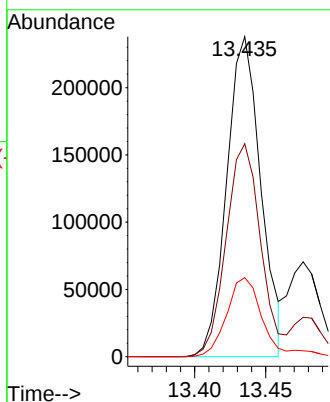
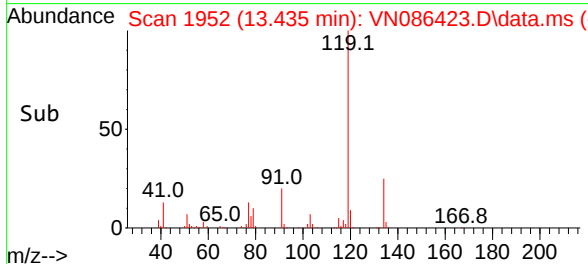
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



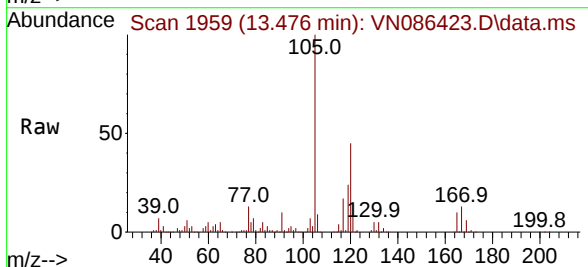
Tgt Ion:119 Resp: 397531
Ion Ratio Lower Upper
119 100
91 68.0 34.4 103.3
134 26.3 13.0 39.0

Manual Integrations
APPROVED

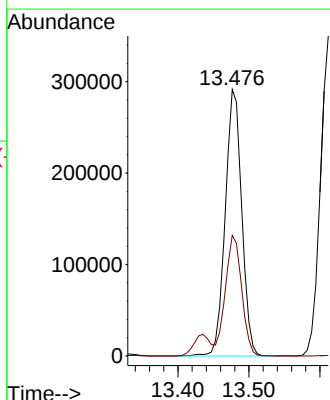
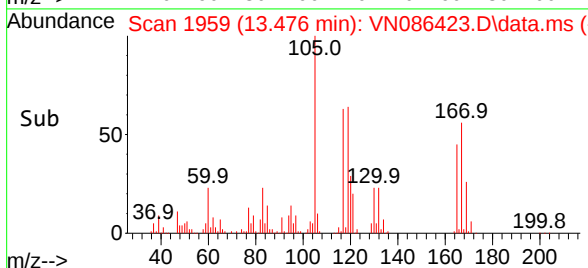
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025

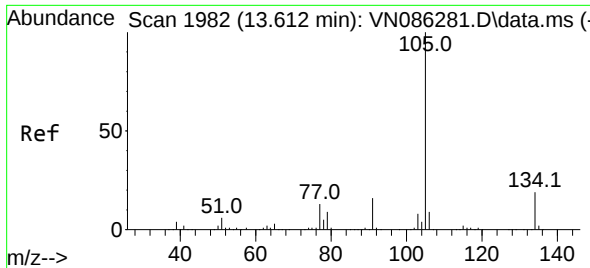


#84
1,2,4-Trimethylbenzene
Concen: 44.200 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44



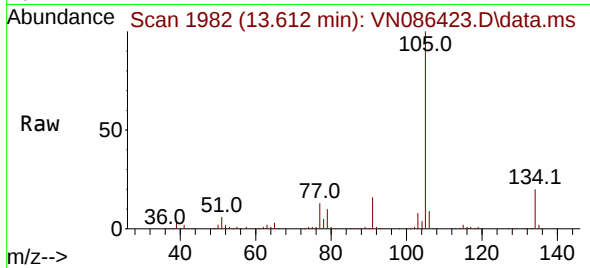
Tgt Ion:105 Resp: 469759
Ion Ratio Lower Upper
105 100
120 44.4 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 44.332 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086423.D
 Acq: 29 Apr 2025 03:44

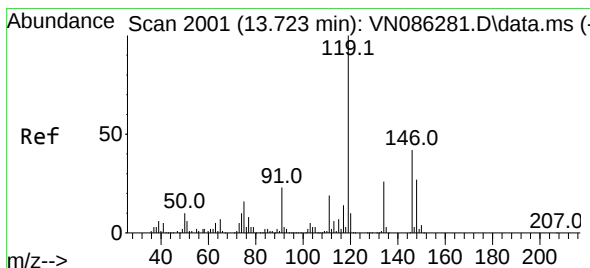
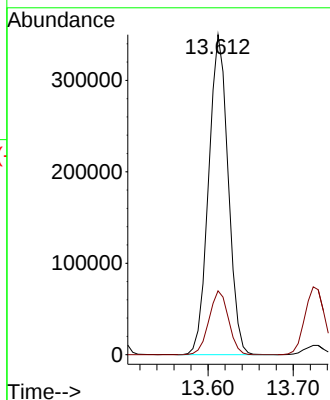
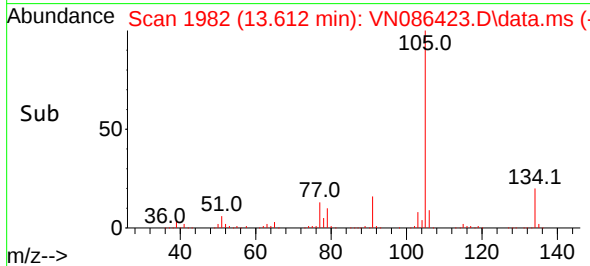
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



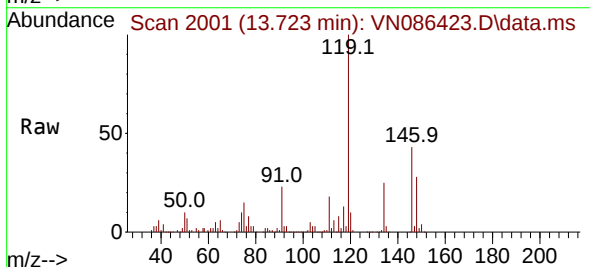
Tgt Ion:105 Resp: 556315
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.7 29.1

Manual Integrations
 APPROVED

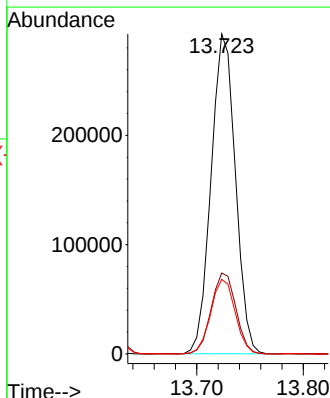
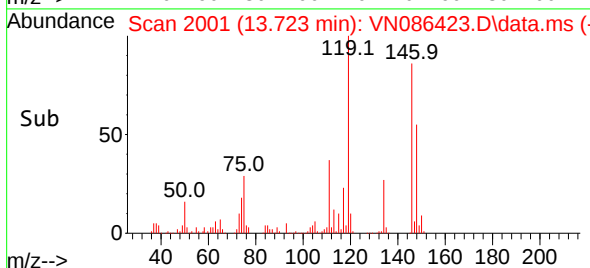
Reviewed By :John Carlone 04/29/2025
 Supervised By :Semsettin Yesilyurt 04/29/2025

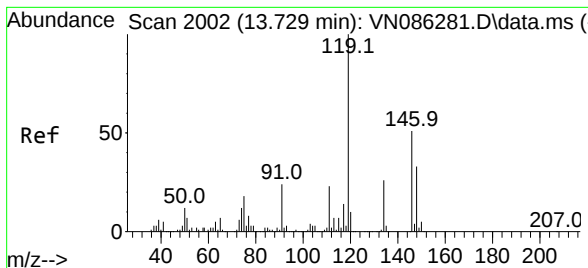


#86
 p-Isopropyltoluene
 Concen: 44.875 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086423.D
 Acq: 29 Apr 2025 03:44



Tgt Ion:119 Resp: 464155
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.1 39.1
 91 23.5 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 46.149 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN086423.D

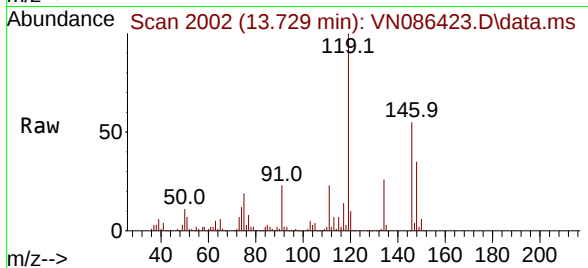
Acq: 29 Apr 2025 03:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 24521

Ion Ratio Lower Upper

146 100

111 41.6 21.9 65.7

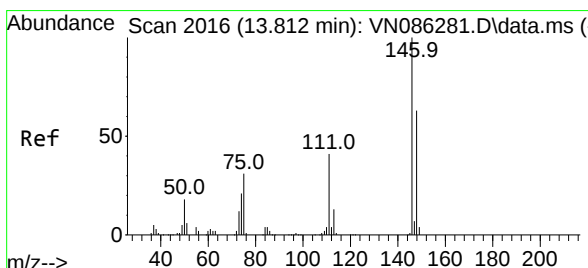
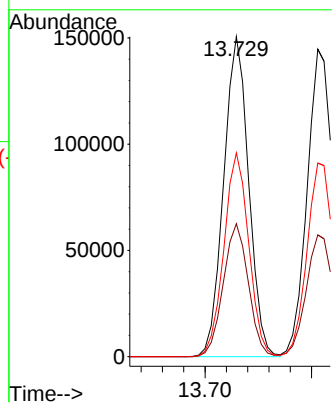
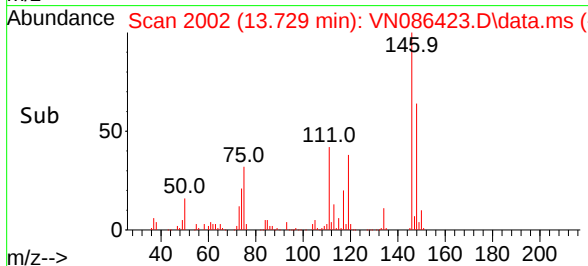
148 63.3 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2025

Supervised By :Semsettin Yesilyurt 04/29/2025



#88

1,4-Dichlorobenzene

Concen: 45.573 ug/l

RT: 13.806 min Scan# 2015

Delta R.T. -0.006 min

Lab File: VN086423.D

Acq: 29 Apr 2025 03:44

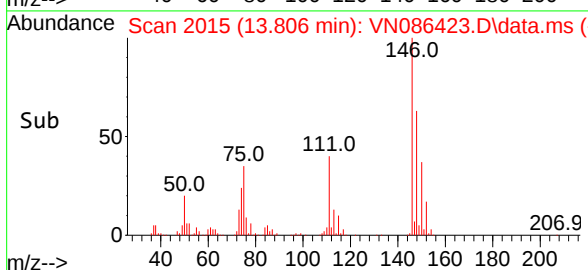
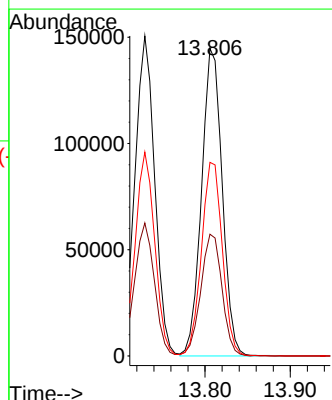
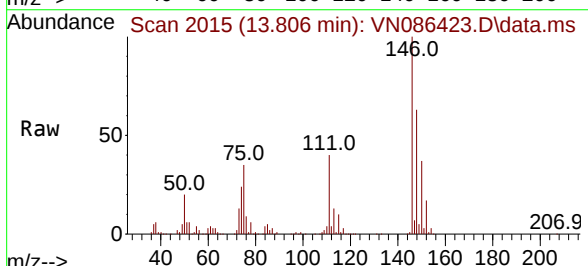
Tgt Ion:146 Resp: 243902

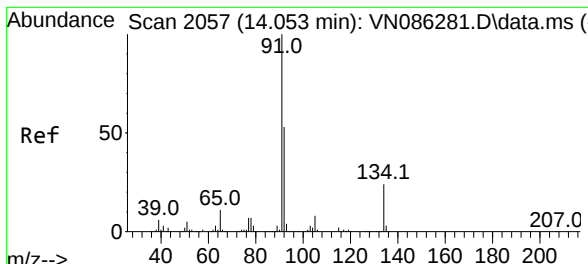
Ion Ratio Lower Upper

146 100

111 40.7 21.3 63.9

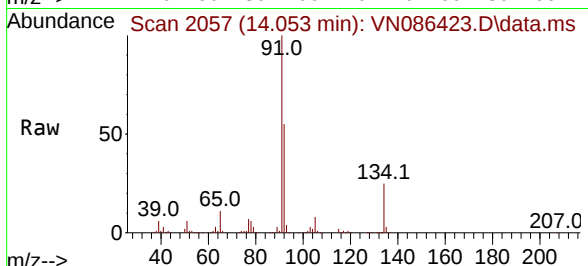
148 63.7 31.9 95.9





#89
n-Butylbenzene
Concen: 42.568 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

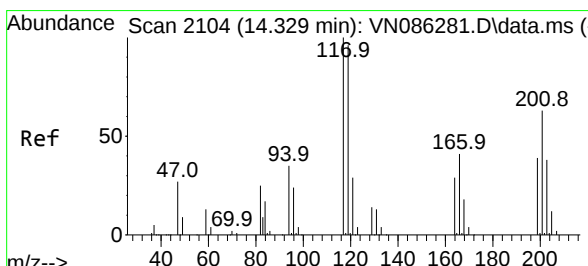
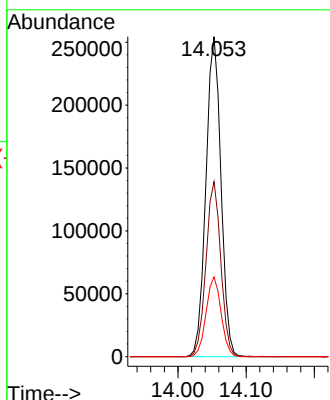
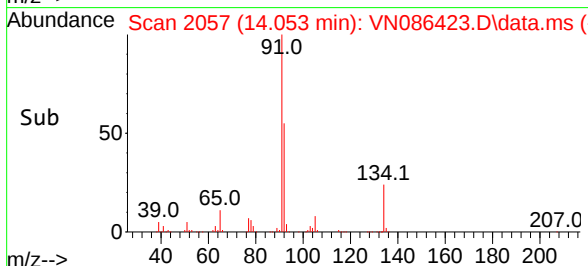
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 390260
Ion Ratio Lower Upper
91 100
92 53.9 26.8 80.4
134 24.9 12.2 36.6

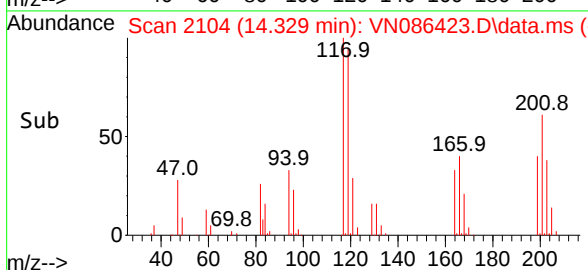
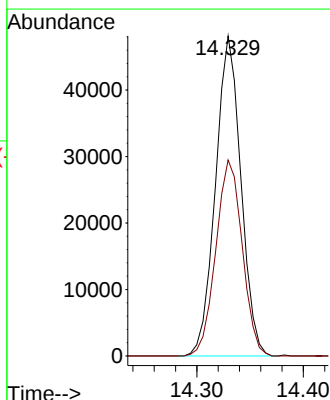
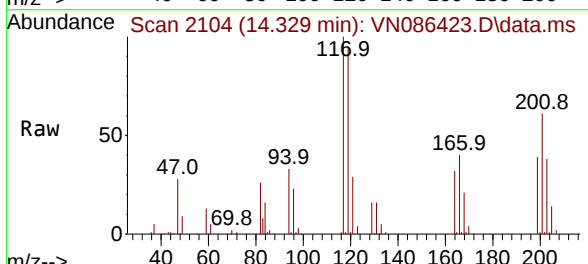
Manual Integrations
APPROVED

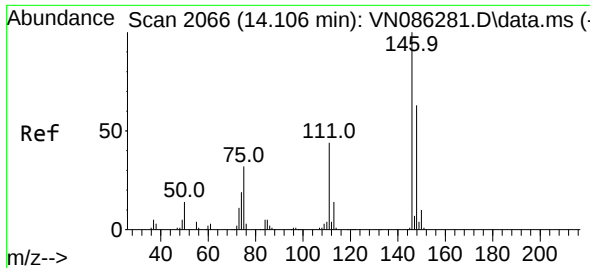
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#90
Hexachloroethane
Concen: 45.768 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

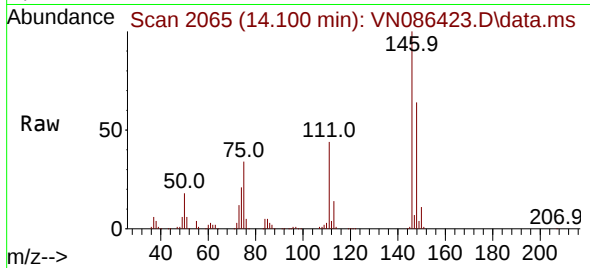
Tgt Ion:117 Resp: 79628
Ion Ratio Lower Upper
117 100
201 63.6 31.4 94.2





#91
1,2-Dichlorobenzene
Concen: 44.524 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

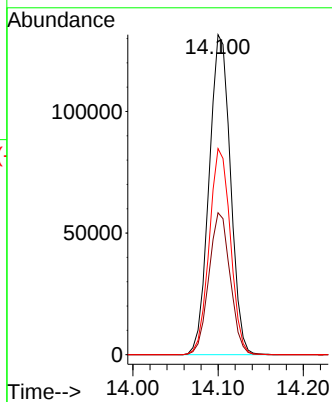
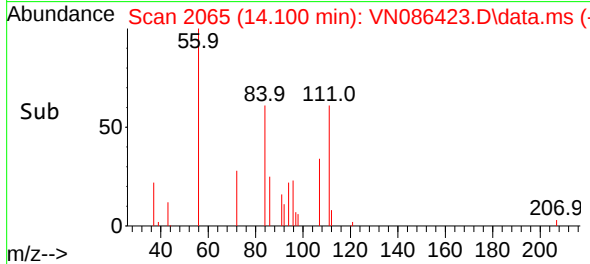
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 229370
Ion Ratio Lower Upper
146 100
111 44.1 22.4 67.0
148 63.8 31.8 95.4

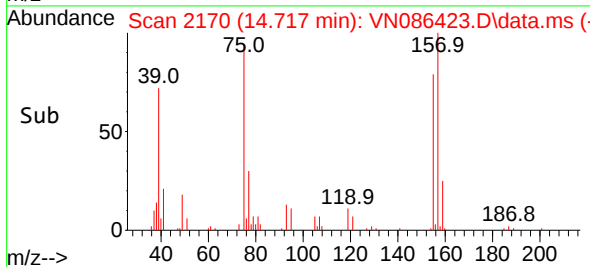
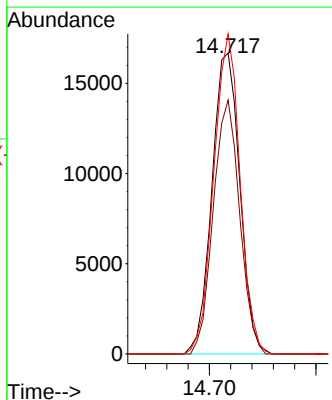
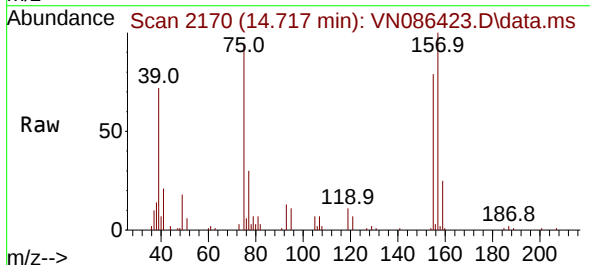
Manual Integrations
APPROVED

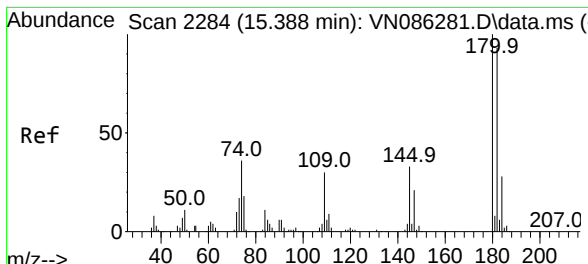
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 40.934 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

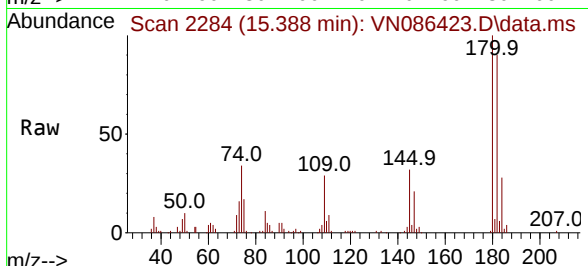
Tgt Ion: 75 Resp: 30274
Ion Ratio Lower Upper
75 100
155 79.9 40.3 120.9
157 100.3 49.0 147.2





#93
 1,2,4-Trichlorobenzene
 Concen: 41.988 ug/l
 RT: 15.388 min Scan# 2100
 Delta R.T. 0.000 min
 Lab File: VN086423.D
 Acq: 29 Apr 2025 03:44

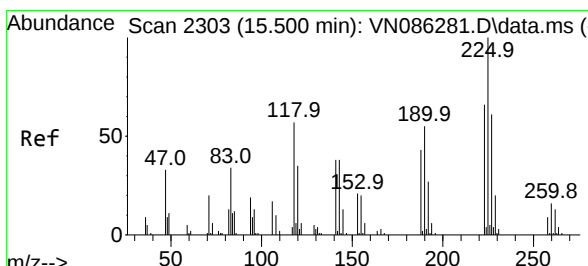
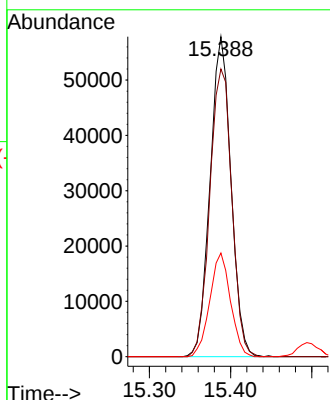
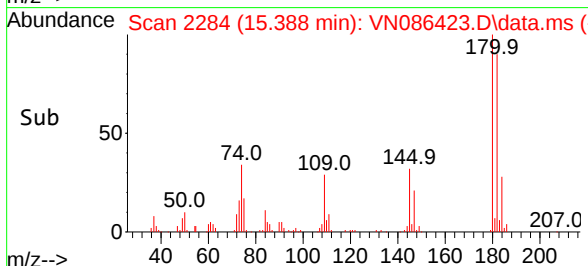
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



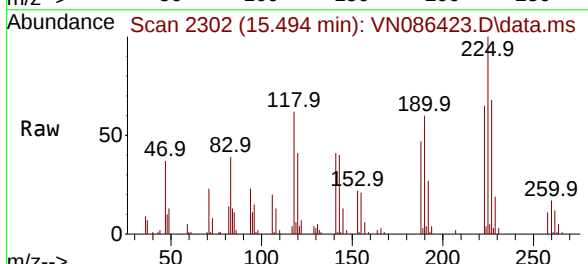
Tgt Ion:180 Resp: 10357
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.0 141.0
 145 32.1 16.4 49.1

Manual Integrations
 APPROVED

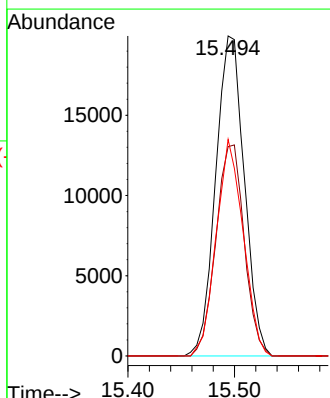
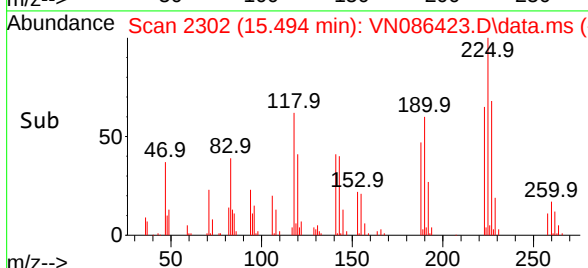
Reviewed By :John Carlone 04/29/2025
 Supervised By :Semsettin Yesilyurt 04/29/2025

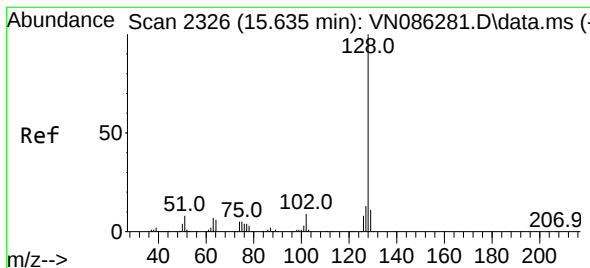


#94
 Hexachlorobutadiene
 Concen: 39.969 ug/l
 RT: 15.494 min Scan# 2302
 Delta R.T. -0.006 min
 Lab File: VN086423.D
 Acq: 29 Apr 2025 03:44



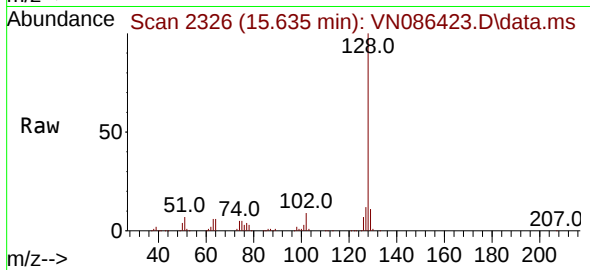
Tgt Ion:225 Resp: 37219
 Ion Ratio Lower Upper
 225 100
 223 65.2 32.8 98.3
 227 63.8 31.4 94.0





#95
Naphthalene
Concen: 40.572 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

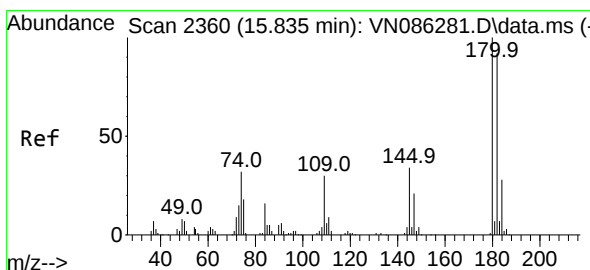
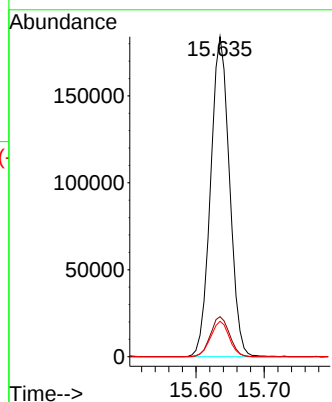
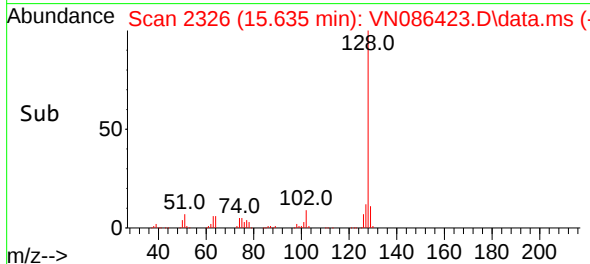
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 35478
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 42.065 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086423.D
Acq: 29 Apr 2025 03:44

Tgt Ion:180 Resp: 98241
Ion Ratio Lower Upper
180 100
182 94.3 47.3 142.0
145 34.2 17.2 51.5

