

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
 Data File : VN087663.D
 Acq On : 25 Aug 2025 17:08
 Operator : JC\MD
 Sample : VN0825WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/26/2025
 Supervised By : Mahesh Dadoda 08/26/2025

Quant Time: Aug 26 01:39:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.212	168	215493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	433384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	406067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	211541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	225069	50.976	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	101.960%		
35) Dibromofluoromethane	8.153	113	143816	45.962	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.920%		
50) Toluene-d8	10.547	98	532446	45.464	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.920%		
62) 4-Bromofluorobenzene	12.829	95	197279	47.367	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	66957	21.877	ug/l	98
3) Chloromethane	2.389	50	69354	22.050	ug/l	97
4) Vinyl Chloride	2.542	62	78665	21.570	ug/l	91
5) Bromomethane	2.977	94	33922	18.027	ug/l	88
6) Chloroethane	3.142	64	51818	20.216	ug/l	98
7) Trichlorofluoromethane	3.518	101	115484	21.614	ug/l	100
8) Diethyl Ether	3.953	74	50053	21.510	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.365	101	61839	20.454	ug/l	98
10) Methyl Iodide	4.583	142	24106	16.026	ug/l	92
11) Tert butyl alcohol	5.518	59	84935	110.809	ug/l	98
12) 1,1-Dichloroethene	4.336	96	64504	20.762	ug/l	92
13) Acrolein	4.171	56	105030	111.461	ug/l	99
14) Allyl chloride	5.012	41	106250	18.872	ug/l	98
15) Acrylonitrile	5.706	53	226959	104.991	ug/l	99
16) Acetone	4.424	43	224939	93.588	ug/l	96
17) Carbon Disulfide	4.700	76	167543	19.588	ug/l	100
18) Methyl Acetate	5.018	43	114545	22.761	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	240816	20.662	ug/l	97
20) Methylene Chloride	5.271	84	74797	20.790	ug/l	95
21) trans-1,2-Dichloroethene	5.771	96	65258	19.381	ug/l	95
22) Diisopropyl ether	6.659	45	254447	20.942	ug/l #	98
23) Vinyl Acetate	6.588	43	1057794	95.696	ug/l	98
24) 1,1-Dichloroethane	6.559	63	135610	20.357	ug/l	97
25) 2-Butanone	7.471	43	336720	106.486	ug/l	100
26) 2,2-Dichloropropane	7.477	77	107901	18.872	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	81365	20.213	ug/l	98
28) Bromochloromethane	7.800	49	59819	18.574	ug/l	99
29) Tetrahydrofuran	7.824	42	217950	107.101	ug/l	98
30) Chloroform	7.953	83	142047	20.891	ug/l	98
31) Cyclohexane	8.241	56	113189	20.382	ug/l	97
32) 1,1,1-Trichloroethane	8.153	97	116862	20.280	ug/l	99
36) 1,1-Dichloropropene	8.353	75	92049	19.176	ug/l	99
37) Ethyl Acetate	7.553	43	129921	19.806	ug/l	99
38) Carbon Tetrachloride	8.347	117	94564	19.952	ug/l	96
39) Methylcyclohexane	9.582	83	98733	18.682	ug/l	97
40) Benzene	8.588	78	297446	20.202	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	71705	21.103	ug/l	99
42) 1,2-Dichloroethane	8.653	62	114608	20.256	ug/l	99
43) Isopropyl Acetate	8.676	43	218204	21.307	ug/l	98
44) Trichloroethene	9.335	130	66280	19.718	ug/l	98
45) 1,2-Dichloropropane	9.600	63	76376	19.680	ug/l	97
46) Dibromomethane	9.688	93	56552	20.477	ug/l	99
47) Bromodichloromethane	9.870	83	115700	20.442	ug/l	97
48) Methyl methacrylate	9.665	41	99786	20.599	ug/l	97
49) 1,4-Dioxane	9.682	88	27885	444.125	ug/l #	100
51) 4-Methyl-2-Pentanone	10.423	43	667629	108.050	ug/l	100
52) Toluene	10.612	92	181212	19.853	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	118177	20.171	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	122369	20.116	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	74372	21.063	ug/l	95
56) Ethyl methacrylate	10.853	69	116146	20.583	ug/l	97
57) 1,3-Dichloropropane	11.141	76	128799	20.611	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	286144	93.687	ug/l	100
59) 2-Hexanone	11.176	43	433718	111.066	ug/l	98
60) Dibromochloromethane	11.335	129	82328	20.123	ug/l	98
61) 1,2-Dibromoethane	11.447	107	76702	20.601	ug/l	99
64) Tetrachloroethene	11.076	164	51394	18.243	ug/l	87
65) Chlorobenzene	11.870	112	198961	19.695	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.941	131	68578	20.448	ug/l	99
67) Ethyl Benzene	11.941	91	344685	19.706	ug/l	98
68) m/p-Xylenes	12.053	106	261001	40.687	ug/l	98
69) o-Xylene	12.376	106	125443	19.954	ug/l	97
70) Styrene	12.394	104	214139	20.332	ug/l	97
71) Bromoform	12.559	173	52958	20.589	ug/l #	94
73) Isopropylbenzene	12.676	105	321207	18.791	ug/l	99
74) N-amyl acetate	12.523	43	128725m	19.871	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	119755	20.349	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	109918m	22.158	ug/l	
77) Bromobenzene	12.959	156	74993	18.607	ug/l	96
78) n-propylbenzene	13.011	91	397621	18.884	ug/l	99
79) 2-Chlorotoluene	13.106	91	240620	18.990	ug/l	97
80) 1,3,5-Trimethylbenzene	13.153	105	276791	19.087	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.717	75	31562	16.844	ug/l	93
82) 4-Chlorotoluene	13.200	91	253129	19.001	ug/l	98
83) tert-Butylbenzene	13.411	119	231063	19.121	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	280690	19.336	ug/l	98
85) sec-Butylbenzene	13.594	105	341767	19.059	ug/l	99
86) p-Isopropyltoluene	13.706	119	280582	18.948	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	145844	18.375	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	156509	18.948	ug/l	99
89) n-Butylbenzene	14.035	91	271384	18.453	ug/l	98
90) Hexachloroethane	14.311	117	51905	18.399	ug/l	95
91) 1,2-Dichlorobenzene	14.082	146	144855	19.237	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	27059	19.355	ug/l	94
93) 1,2,4-Trichlorobenzene	15.364	180	82072	18.151	ug/l	99
94) Hexachlorobutadiene	15.476	225	29443	18.265	ug/l	97
95) Naphthalene	15.611	128	305267	19.060	ug/l	99
96) 1,2,3-Trichlorobenzene	15.817	180	79938	18.084	ug/l	97

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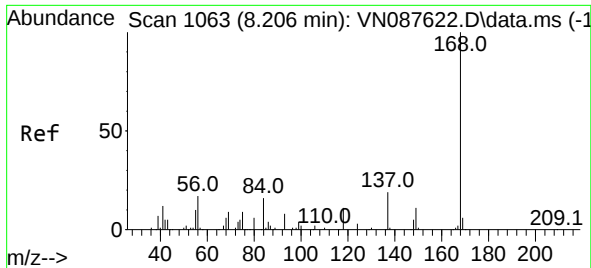
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

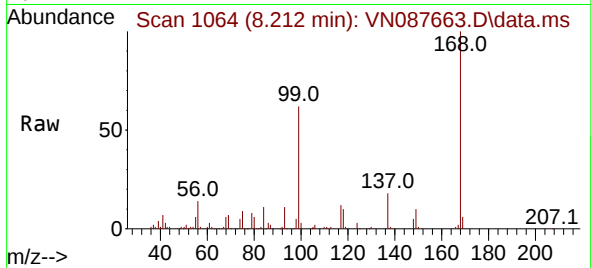
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. 0.006 min
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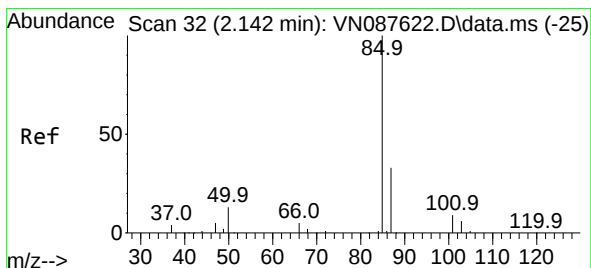
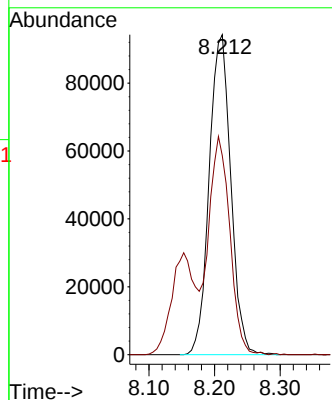
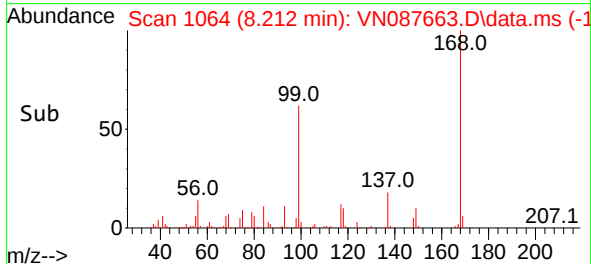
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBSD02



Tgt Ion:168 Resp: 21549
Ion Ratio Lower Upper
168 100
99 62.2 57.2 85.8

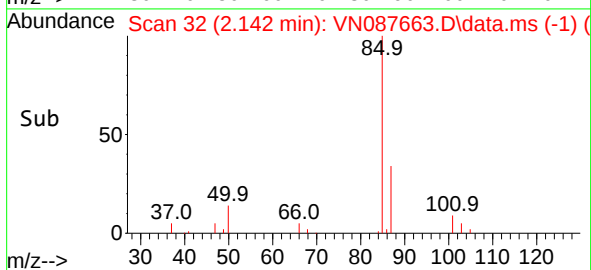
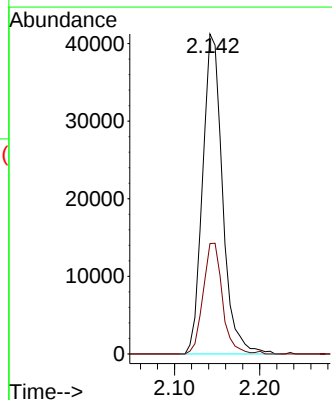
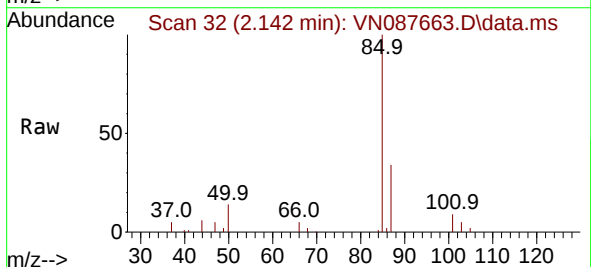
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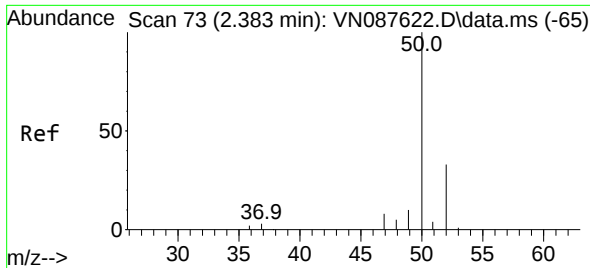
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#2
Dichlorodifluoromethane
Concen: 21.877 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

Tgt Ion: 85 Resp: 66957
Ion Ratio Lower Upper
85 100
87 34.5 16.6 49.8





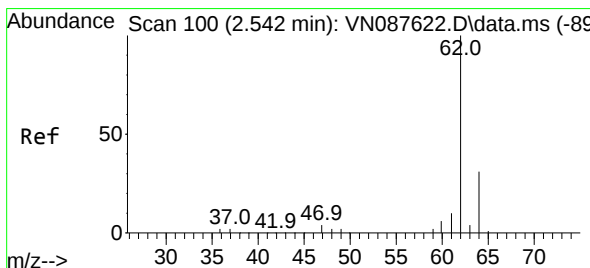
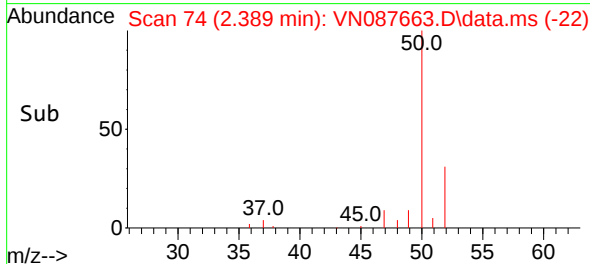
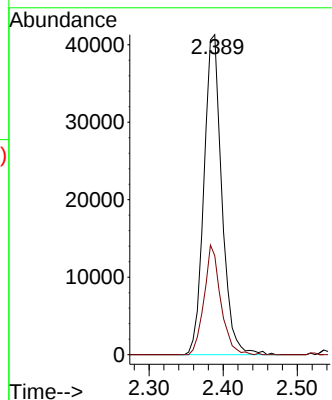
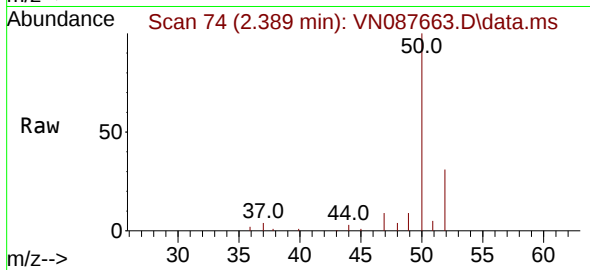
#3
Chloromethane
Concen: 22.050 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

Instrument :
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Tgt Ion: 50 Resp: 69354
Ion Ratio Lower Upper
50 100
52 30.9 26.2 39.4

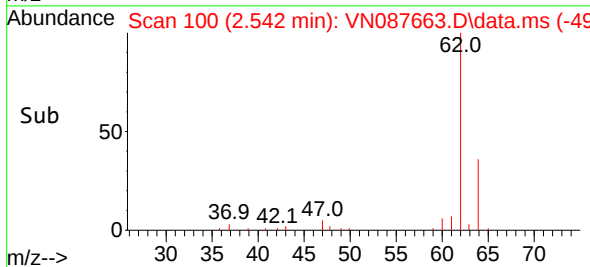
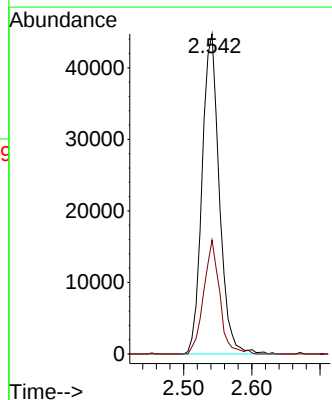
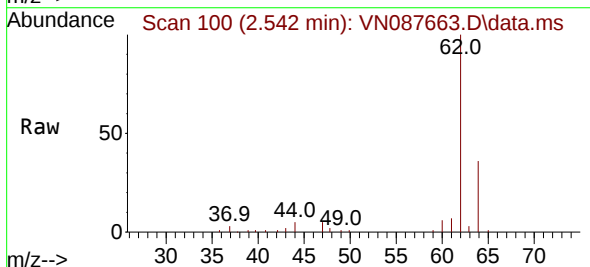
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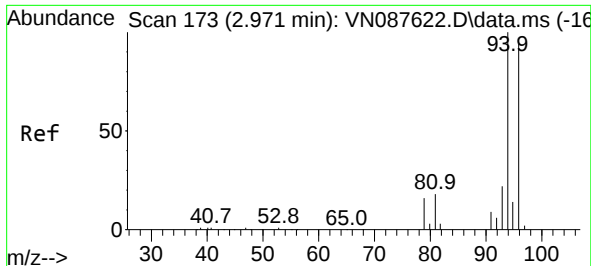
Reviewed By :John Carlone 08/26/2025
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#4
Vinyl Chloride
Concen: 21.570 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

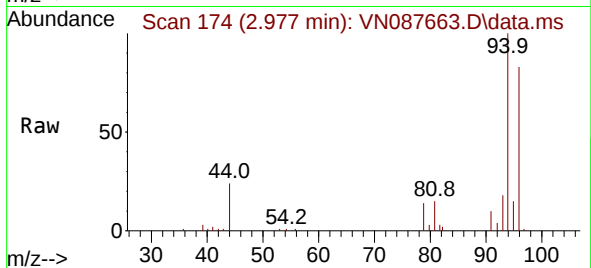
Tgt Ion: 62 Resp: 78665
Ion Ratio Lower Upper
62 100
64 35.6 24.6 37.0





#5
Bromomethane
Concen: 18.027 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

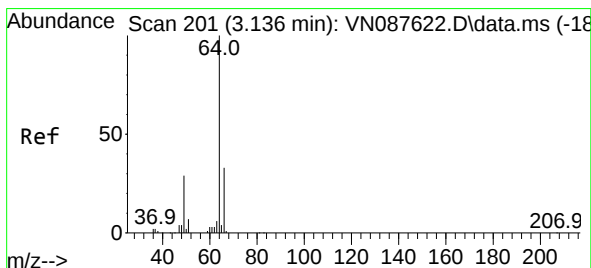
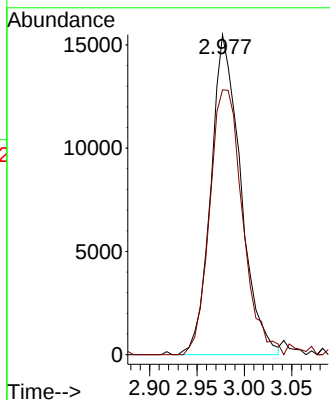
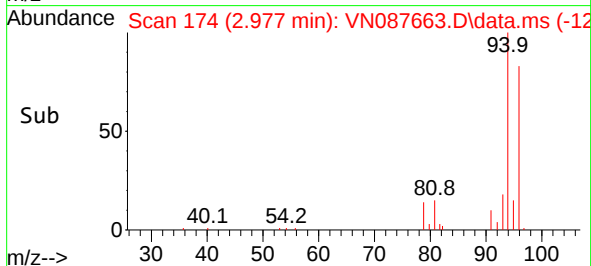
Instrument :
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Tgt Ion: 94 Resp: 3392
Ion Ratio Lower Upper
94 100
96 82.7 75.4 113.2

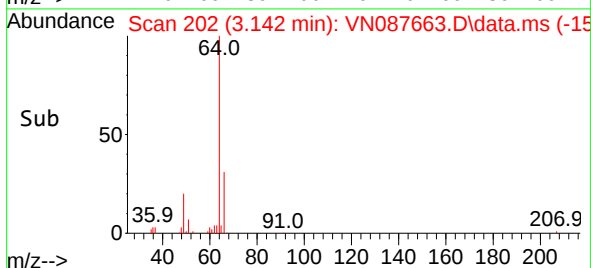
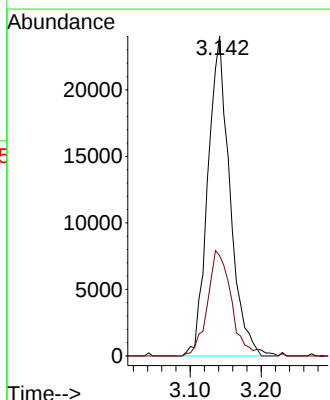
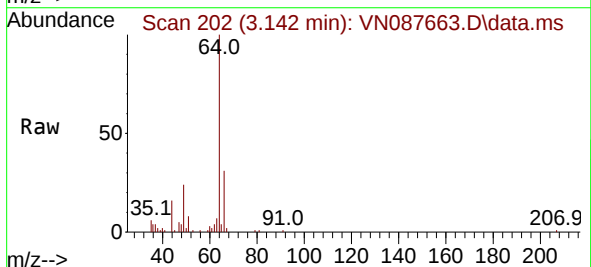
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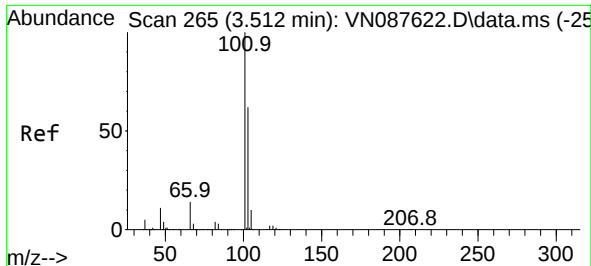
Reviewed By :John Carlone 08/26/2025
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#6
Chloroethane
Concen: 20.216 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN087663.D
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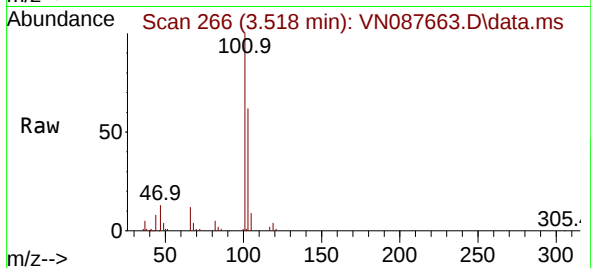
Tgt Ion: 64 Resp: 51818
Ion Ratio Lower Upper
64 100
66 31.3 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 21.614 ug/l
 RT: 3.518 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN087663.D
 Acq: 25 Aug 2025 17:08

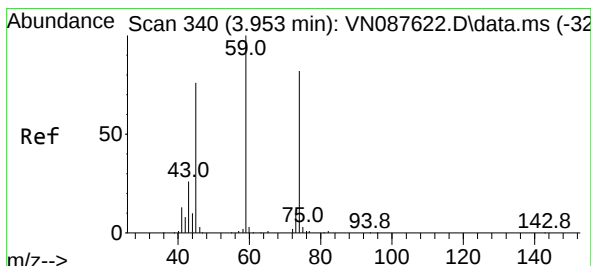
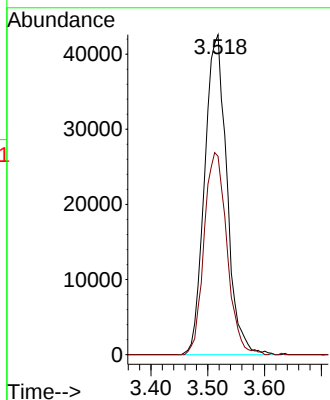
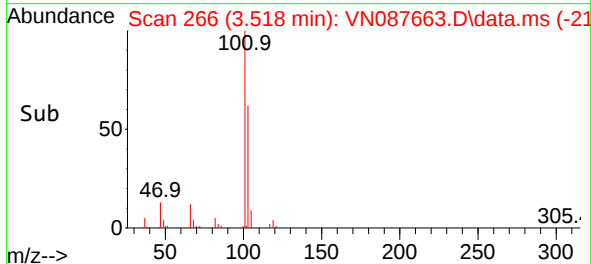
Instrument :
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 ClientSampleId :
 VN0825WBSD02



Tgt Ion:101 Resp: 115484
 Ion Ratio Lower Upper
 101 100
 103 62.0 49.4 74.0

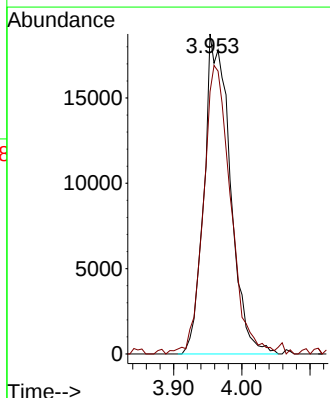
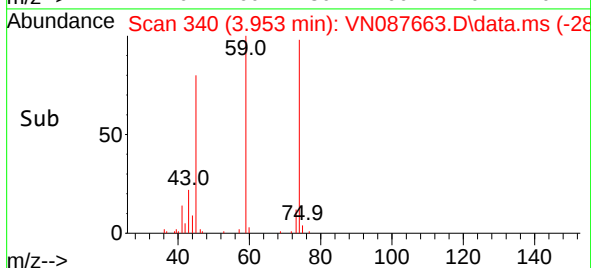
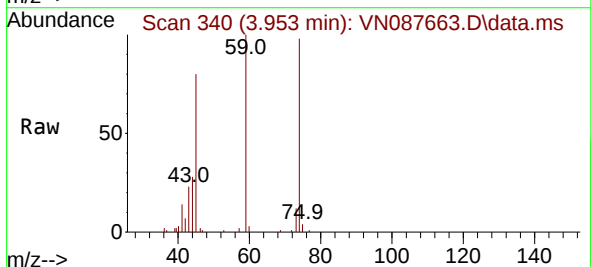
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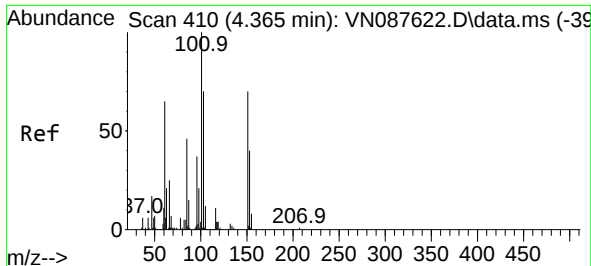
Reviewed By :John Carlone 08/26/2025
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#8
 Diethyl Ether
 Concen: 21.510 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VN087663.D
 Acq: 25 Aug 2025 17:08

Tgt Ion: 74 Resp: 50053
 Ion Ratio Lower Upper
 74 100
 45 94.0 50.6 151.9





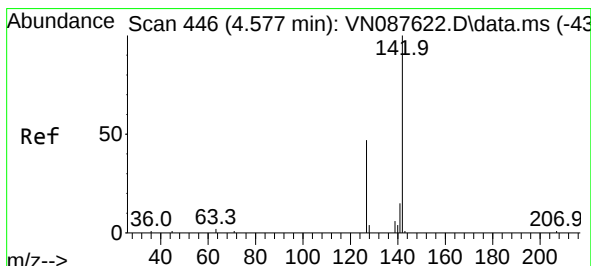
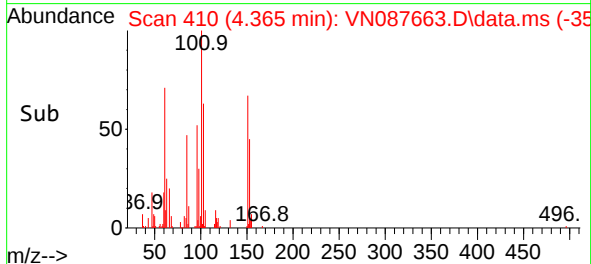
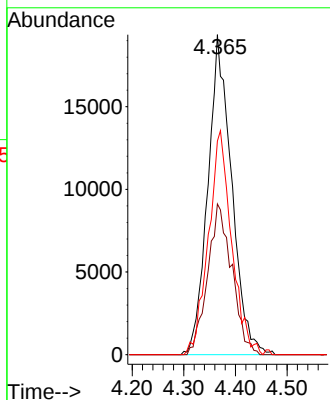
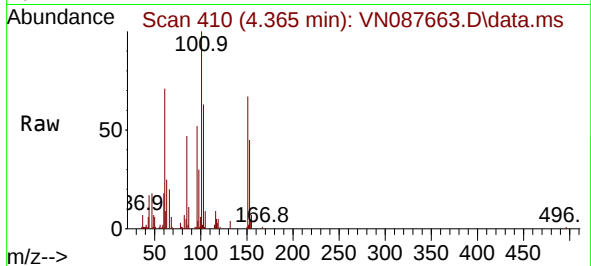
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.454 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBSD02

Tgt Ion:101 Resp: 61839
Ion Ratio Lower Upper
101 100
85 48.1 36.6 55.0
151 68.2 54.7 82.1

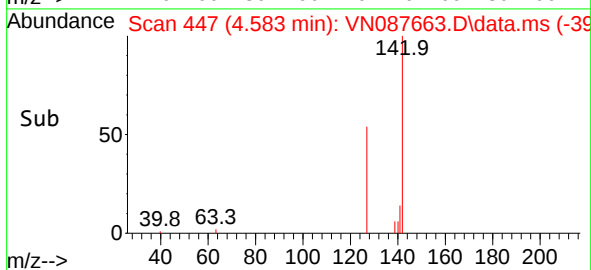
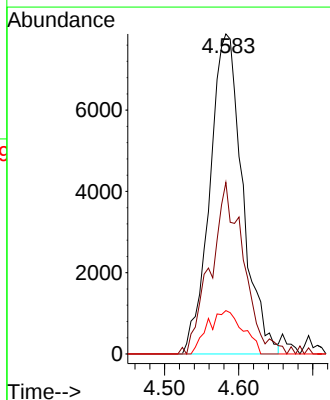
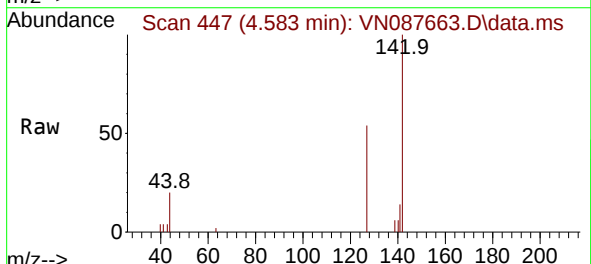
Manual Integrations
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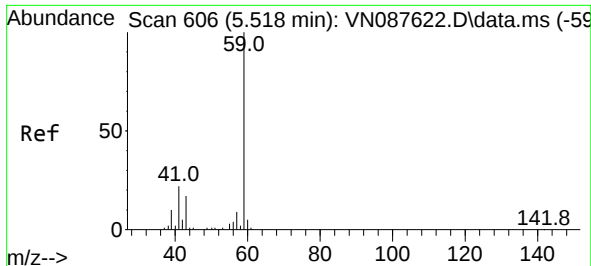
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#10
Methyl Iodide
Concen: 16.026 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

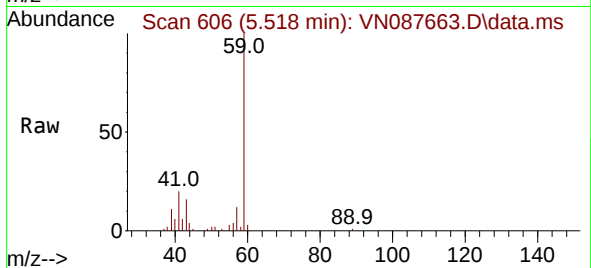
Tgt Ion:142 Resp: 24106
Ion Ratio Lower Upper
142 100
127 53.6 38.0 57.0
141 13.5 12.0 18.0





#11
Tert butyl alcohol
Concen: 110.809 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

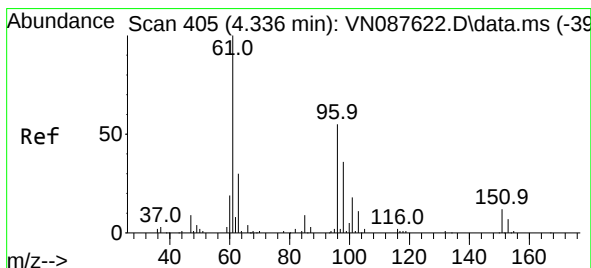
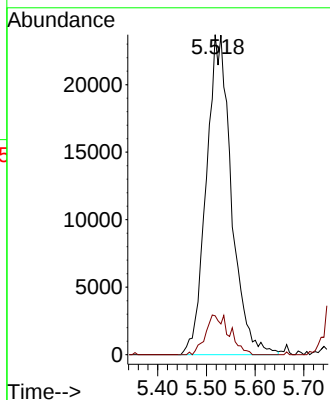
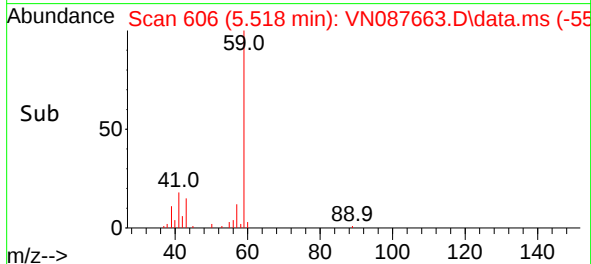
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBSD02



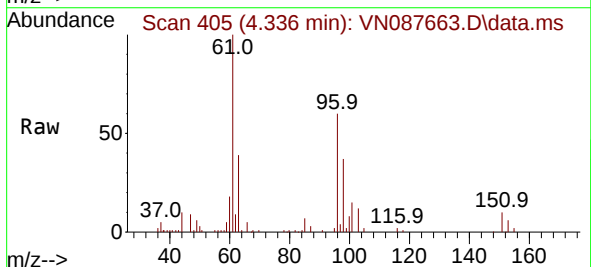
Tgt Ion: 59 Resp: 8493
Ion Ratio Lower Upper
59 100
57 11.9 9.0 13.4

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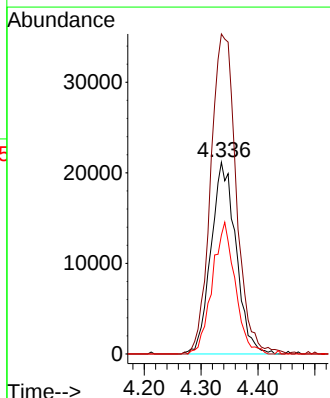
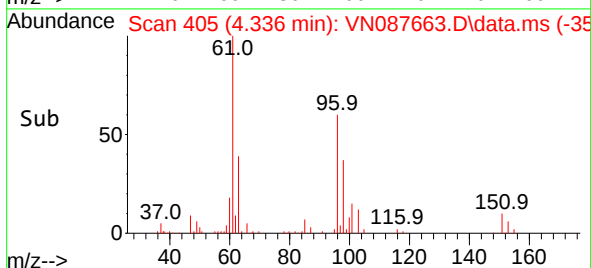
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

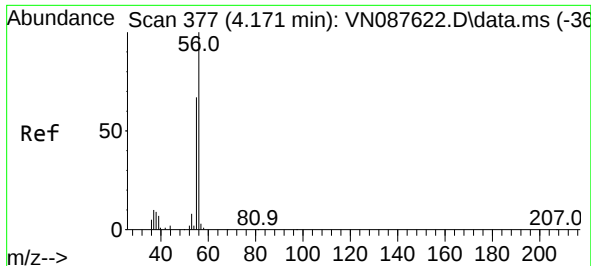


#12
1,1-Dichloroethene
Concen: 20.762 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08



Tgt Ion: 96 Resp: 64504
Ion Ratio Lower Upper
96 100
61 167.0 143.8 215.8
98 62.1 52.1 78.1





#13

Acrolein

Concen: 111.461 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN087663.D

Acq: 25 Aug 2025 17:08

Instrument :

MSVOA_N

ClientSampleId :

VN0825WBSD02

Tgt Ion: 56 Resp: 105030

Ion Ratio Lower Upper

56 100

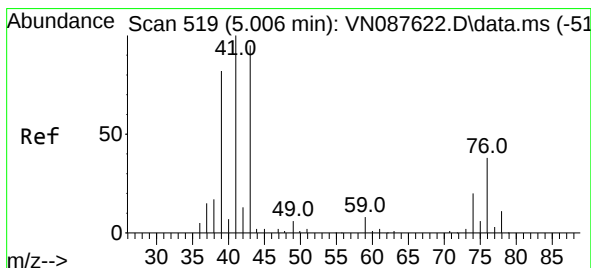
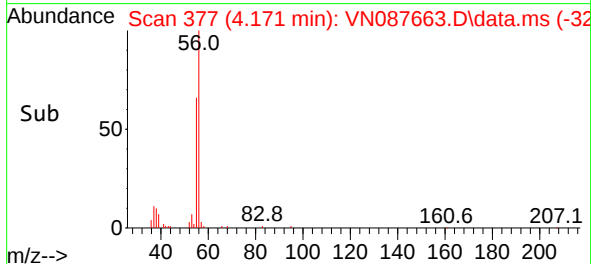
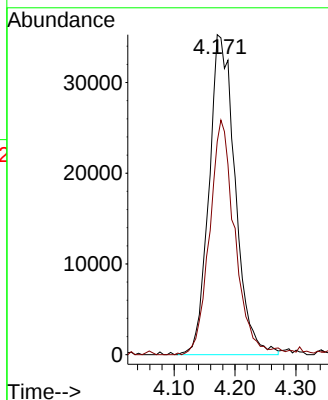
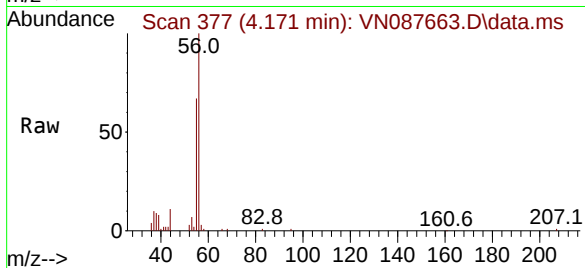
55 70.4 57.3 85.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#14

Allyl chloride

Concen: 18.872 ug/l

RT: 5.012 min Scan# 520

Delta R.T. 0.006 min

Lab File: VN087663.D

Acq: 25 Aug 2025 17:08

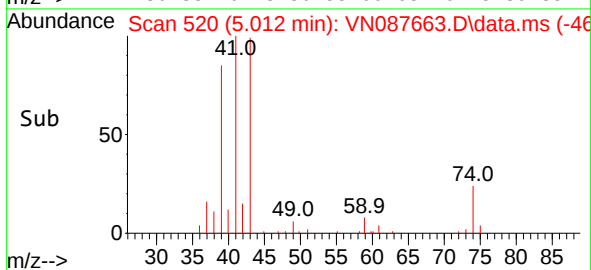
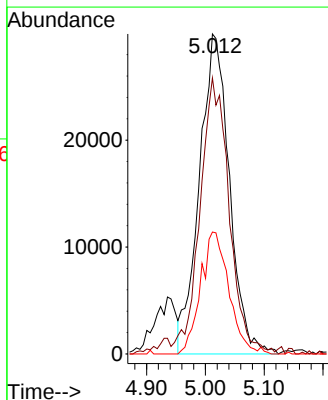
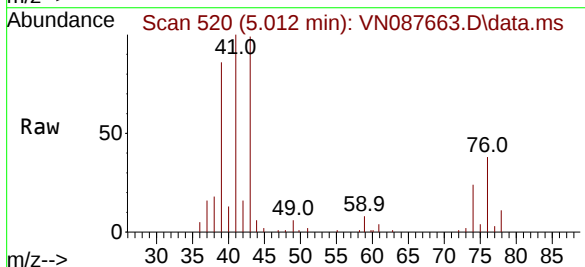
Tgt Ion: 41 Resp: 106250

Ion Ratio Lower Upper

41 100

39 82.6 63.9 95.9

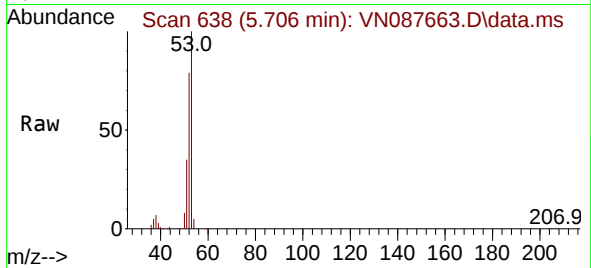
76 35.7 28.1 42.1





#15
Acrylonitrile
Concen: 104.991 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

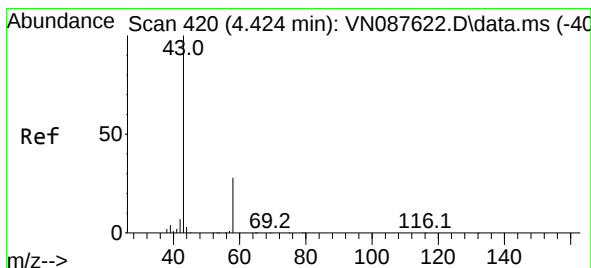
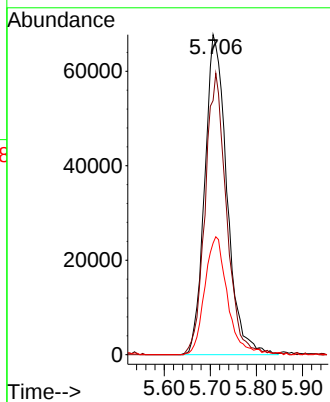
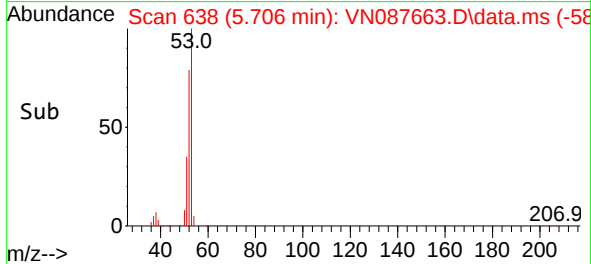
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBSD02



Tgt Ion: 53 Resp: 226959
Ion Ratio Lower Upper
53 100
52 85.1 67.6 101.4
51 37.9 30.1 45.1

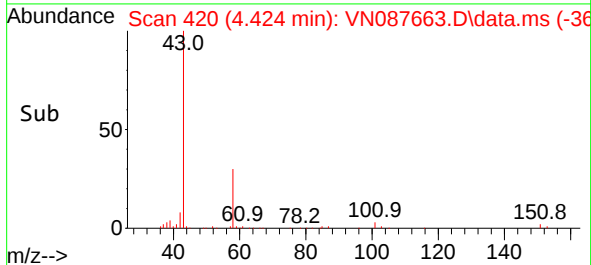
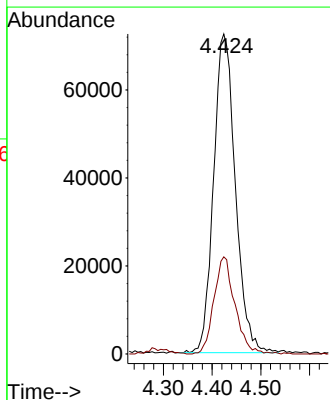
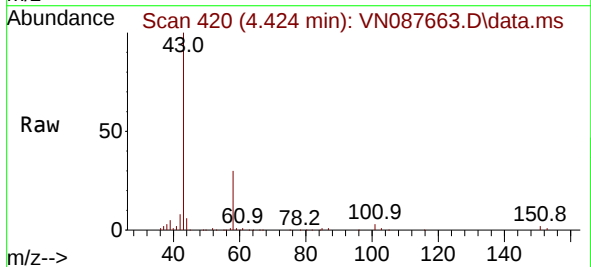
Manual Integrations
APPROVED

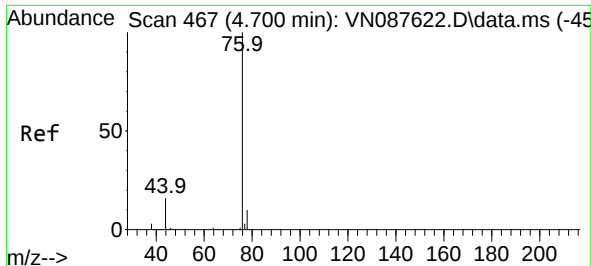
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#16
Acetone
Concen: 93.588 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

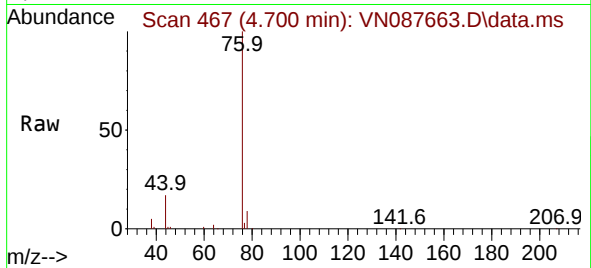
Tgt Ion: 43 Resp: 224939
Ion Ratio Lower Upper
43 100
58 30.2 22.6 33.8





#17
Carbon Disulfide
Concen: 19.588 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

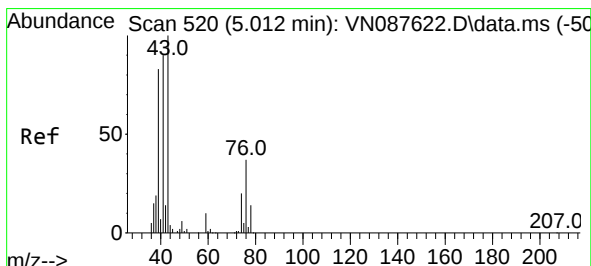
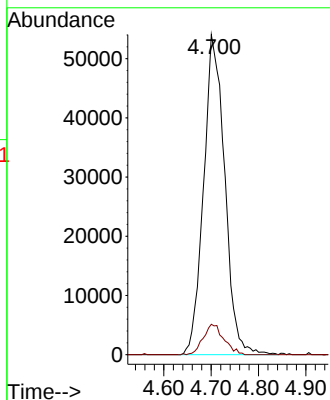
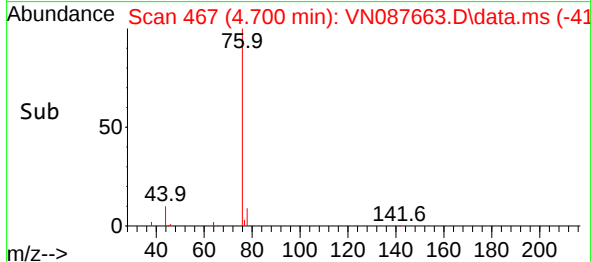
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBSD02



Tgt Ion: 76 Resp: 16754
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4

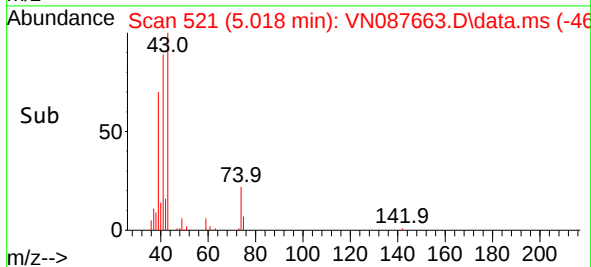
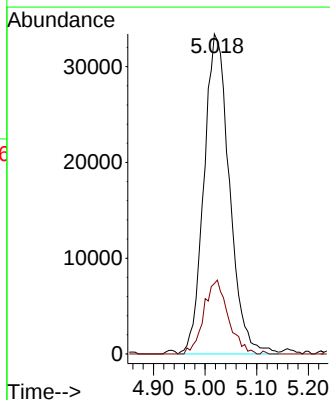
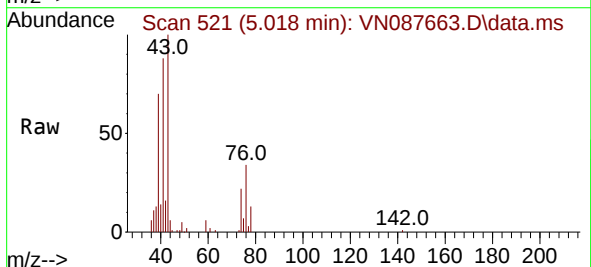
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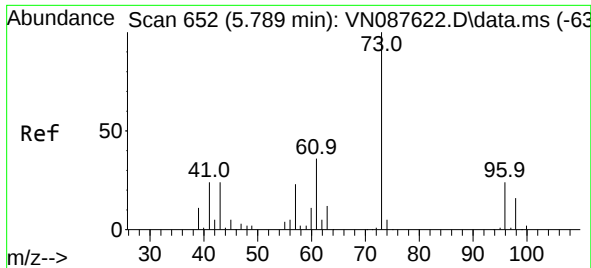
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#18
Methyl Acetate
Concen: 22.761 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

Tgt Ion: 43 Resp: 114545
Ion Ratio Lower Upper
43 100
74 22.0 17.6 26.4





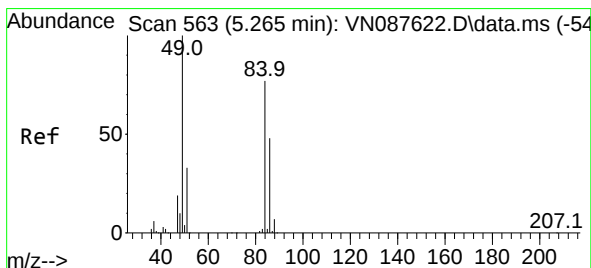
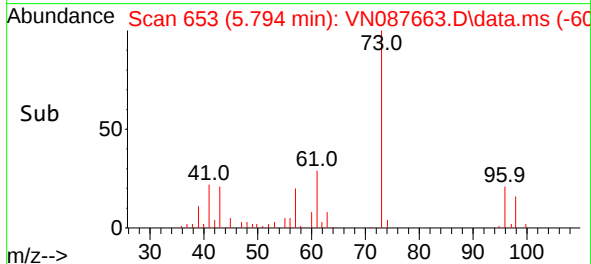
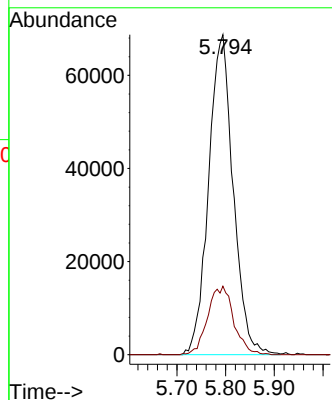
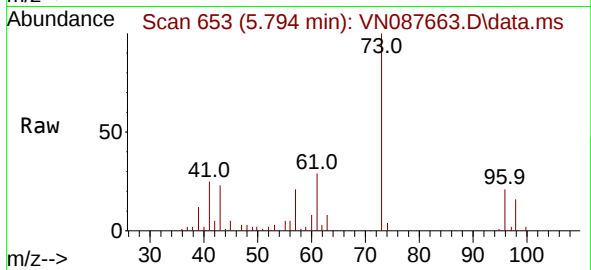
#19
Methyl tert-butyl Ether
Concen: 20.662 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBSD02

Tgt Ion: 73 Resp: 240810
Ion Ratio Lower Upper
73 100
57 21.4 18.4 27.6

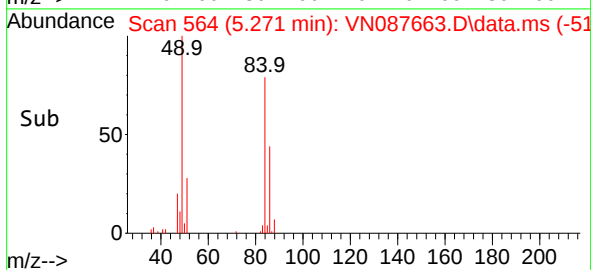
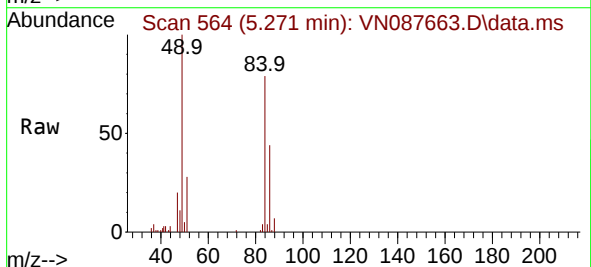
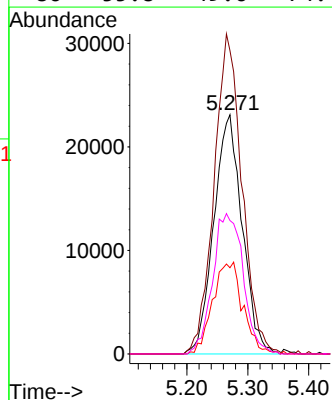
Manual Integrations
APPROVED

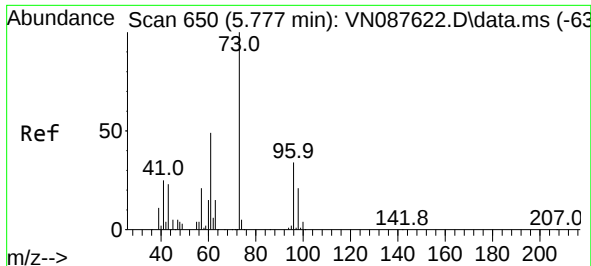
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#20
Methylene Chloride
Concen: 20.790 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

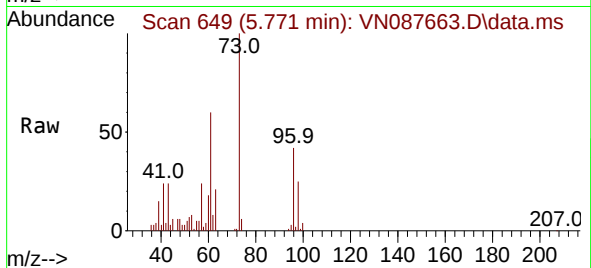
Tgt Ion: 84 Resp: 74797
Ion Ratio Lower Upper
84 100
49 126.9 103.4 155.2
51 36.1 33.8 50.8
86 55.8 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 19.381 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

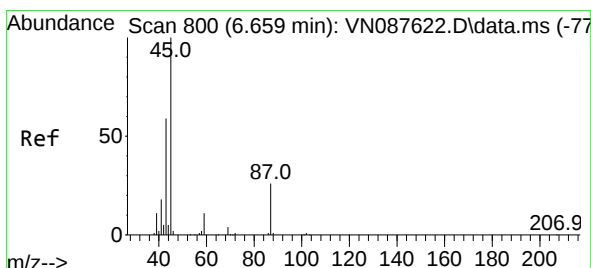
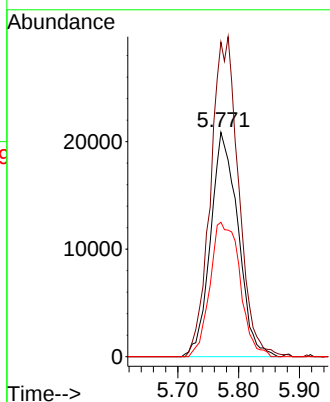
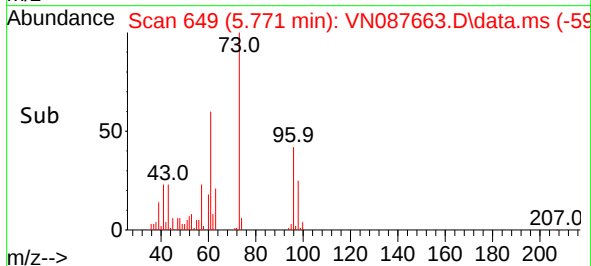
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBSD02



Tgt Ion: 96 Resp: 65258
Ion Ratio Lower Upper
96 100
61 140.2 118.0 177.0
98 59.9 50.0 75.0

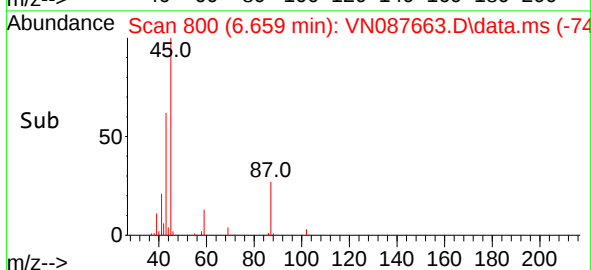
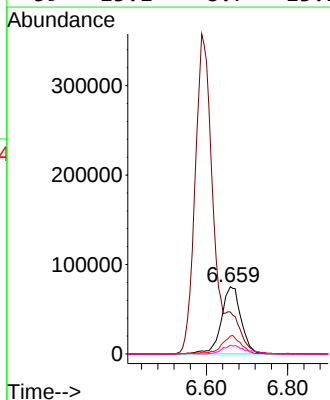
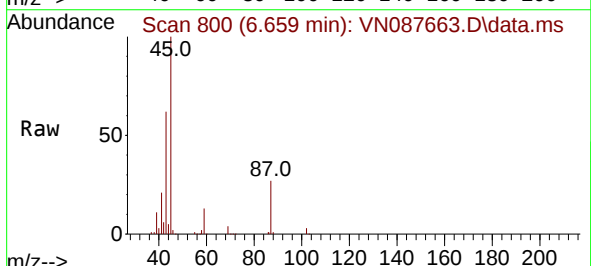
Manual Integrations
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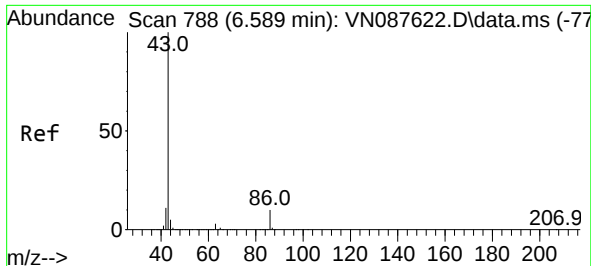
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#22
Diisopropyl ether
Concen: 20.942 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

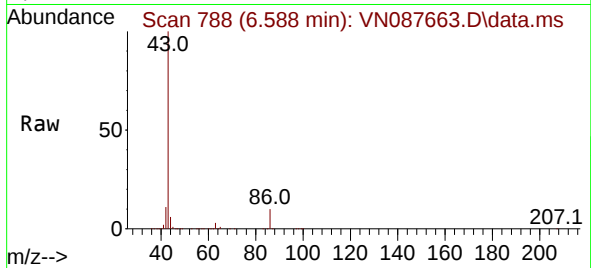
Tgt Ion: 45 Resp: 254447
Ion Ratio Lower Upper
45 100
43 61.8 47.7 71.5
87 26.6 21.4 32.0
59 13.1 8.7 13.1#





#23
 Vinyl Acetate
 Concen: 95.696 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN087663.D
 Acq: 25 Aug 2025 17:08

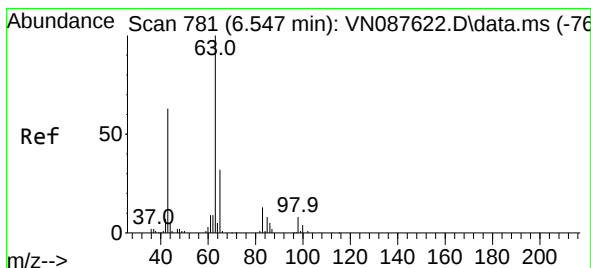
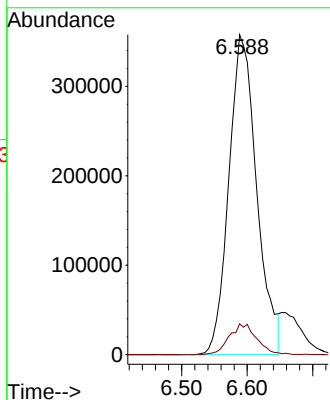
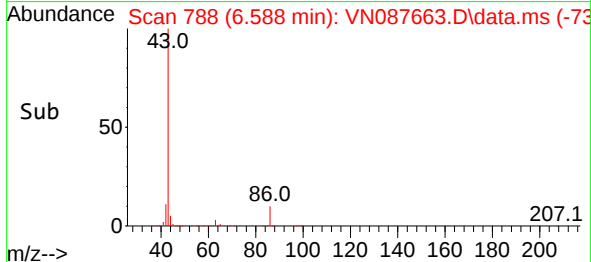
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825WBSD02



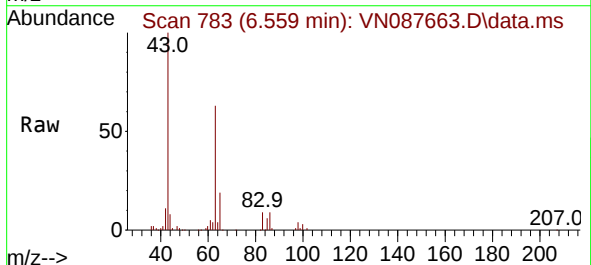
Tgt Ion: 43 Resp: 1057794
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.2 12.4

Manual Integrations
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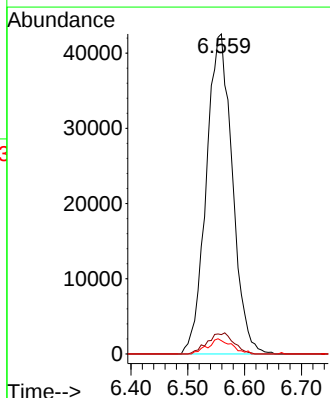
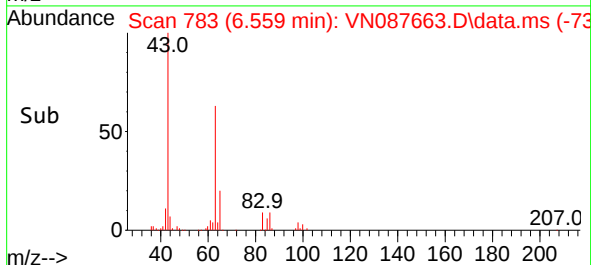
Reviewed By :John Carlone 08/26/2025
 Supervised By :Mahesh Dadoda 08/26/2025



#24
 1,1-Dichloroethane
 Concen: 20.357 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.012 min
 Lab File: VN087663.D
 Acq: 25 Aug 2025 17:08



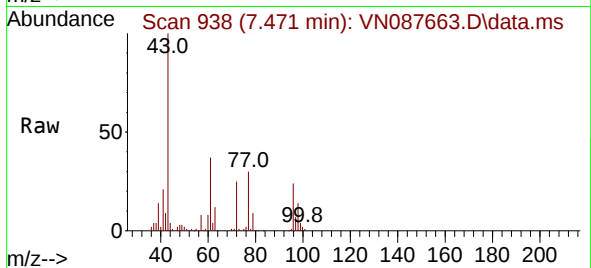
Tgt Ion: 63 Resp: 135610
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.8 11.4
 100 4.2 2.0 6.0





#25
2-Butanone
Concen: 106.486 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

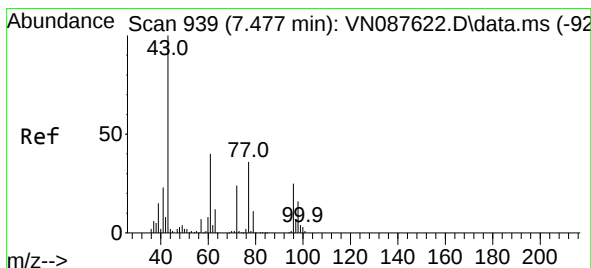
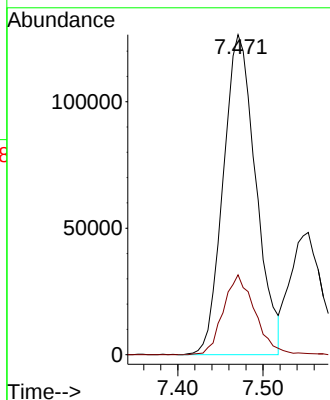
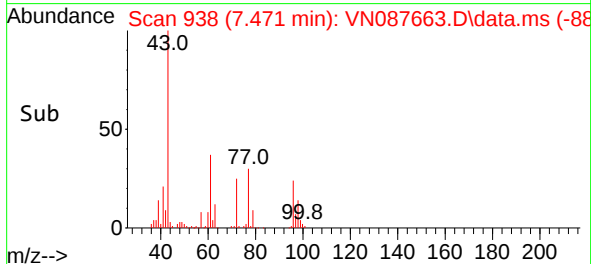
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBSD02



Tgt Ion: 43 Resp: 336720
Ion Ratio Lower Upper
43 100
72 24.9 19.9 29.9

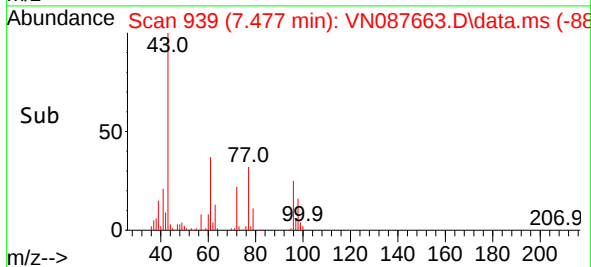
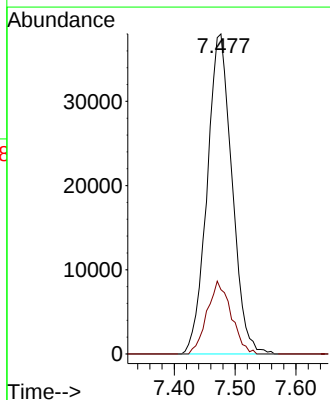
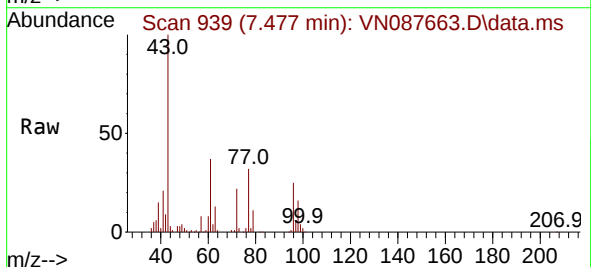
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#26
2,2-Dichloropropane
Concen: 18.872 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

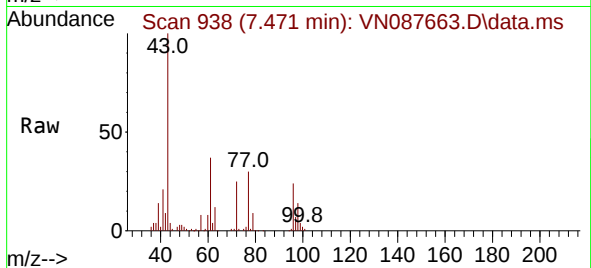
Tgt Ion: 77 Resp: 107901
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 20.213 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087663.D
 Acq: 25 Aug 2025 17:08

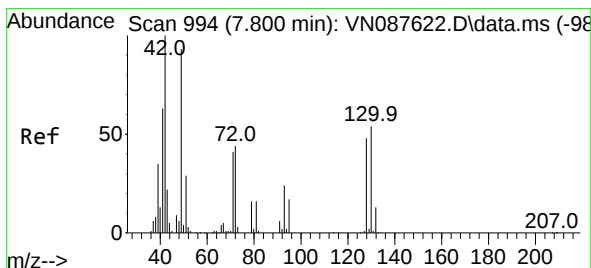
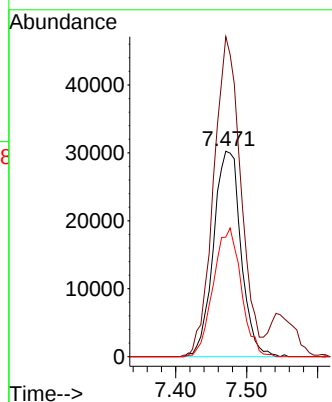
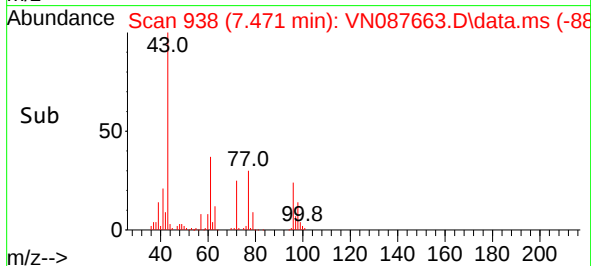
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825WBSD02



Tgt Ion: 96 Resp: 8136
 Ion Ratio Lower Upper
 96 100
 61 154.0 0.0 301.8
 98 63.3 0.0 126.2

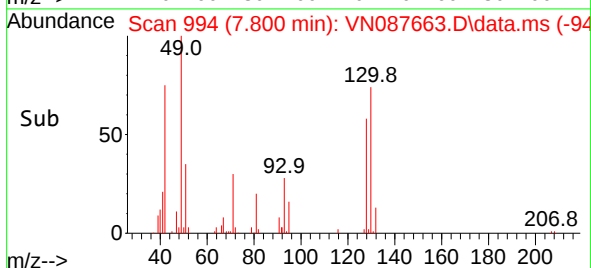
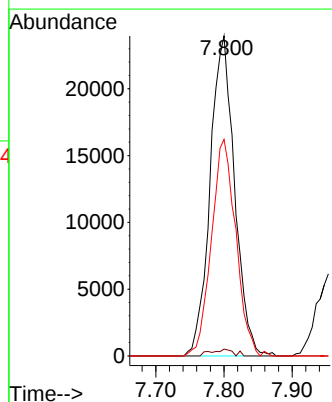
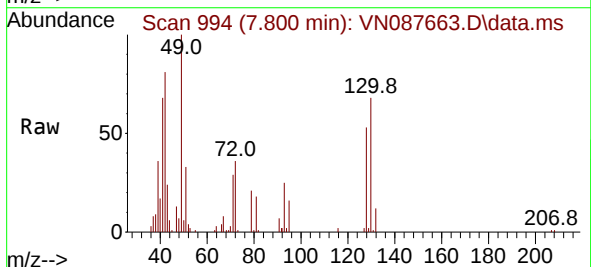
Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/26/2025
 Supervised By :Mahesh Dadoda 08/26/2025



#28
 Bromochloromethane
 Concen: 18.574 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. -0.000 min
 Lab File: VN087663.D
 Acq: 25 Aug 2025 17:08

Tgt Ion: 49 Resp: 59819
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.0
 130 67.3 53.1 79.7





#29

Tetrahydrofuran

Concen: 107.101 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN087663.D

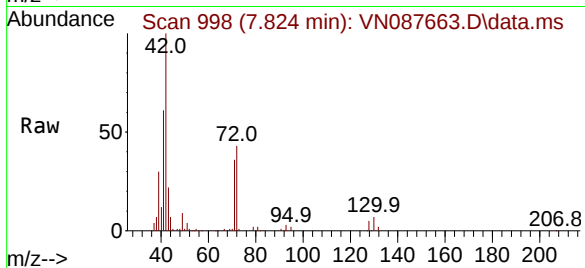
Acq: 25 Aug 2025 17:08

Instrument :

MSVOA_N

ClientSampleId :

VN0825WBSD02



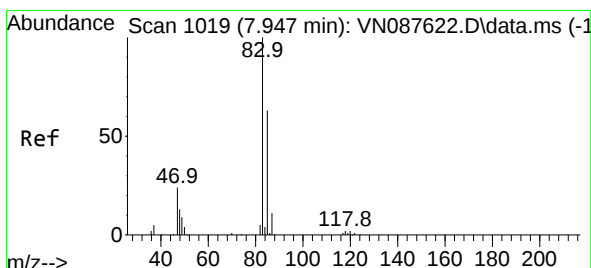
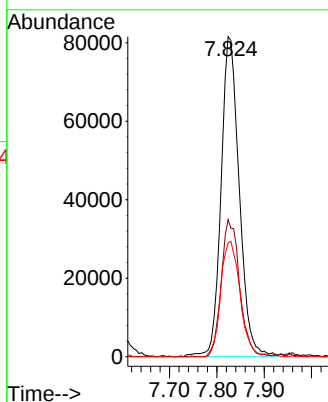
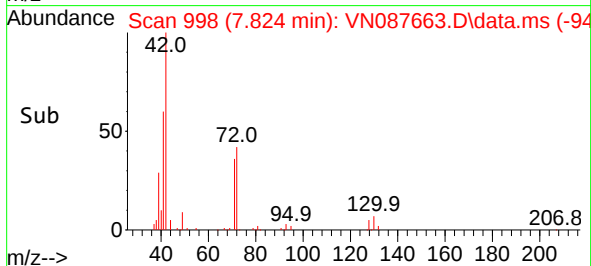
Tgt Ion:	42	Resp:	217950
Ion Ratio	100	Lower	Upper
42	100		
72	43.0	33.7	50.5
71	38.0	31.9	47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#30

Chloroform

Concen: 20.891 ug/l

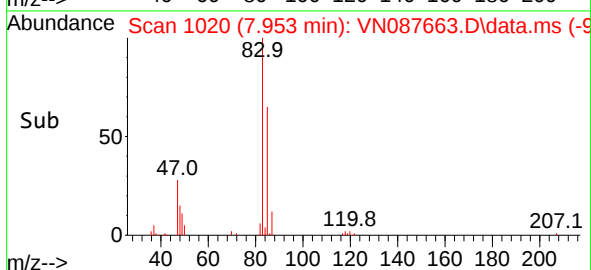
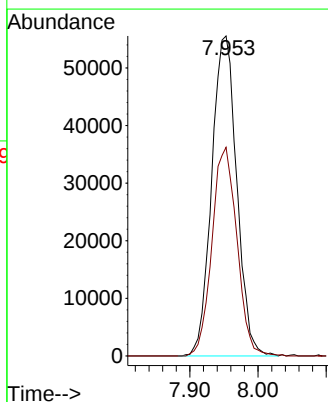
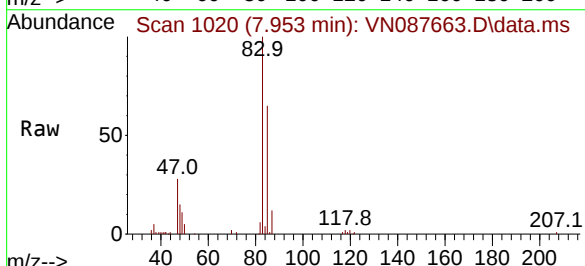
RT: 7.953 min Scan# 1020

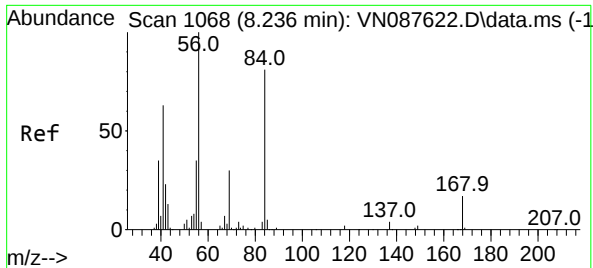
Delta R.T. 0.006 min

Lab File: VN087663.D

Acq: 25 Aug 2025 17:08

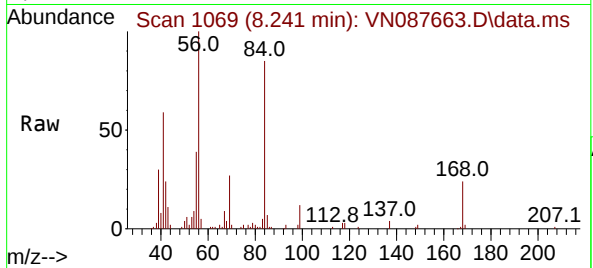
Tgt Ion:	83	Resp:	142047
Ion Ratio	100	Lower	Upper
83	100		
85	65.2	50.7	76.1





#31
Cyclohexane
Concen: 20.382 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

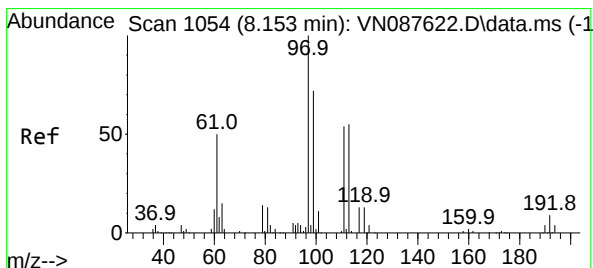
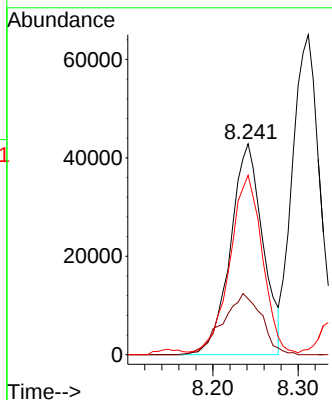
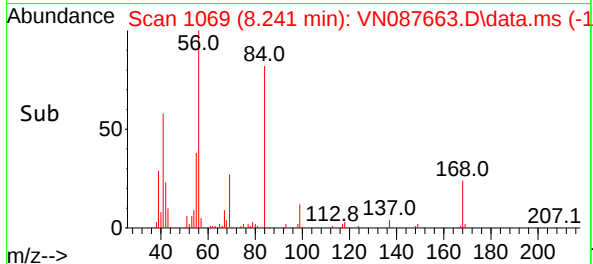
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBSD02



Tgt Ion: 56 Resp: 113189
Ion Ratio Lower Upper
56 100
69 26.5 23.7 35.5
84 82.9 64.7 97.1

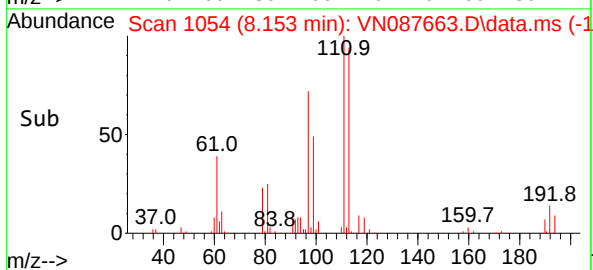
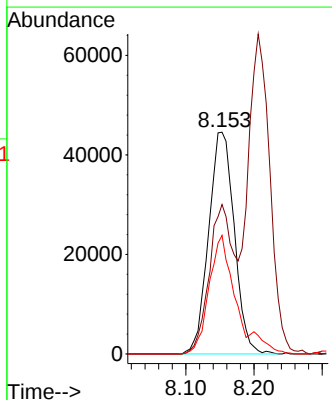
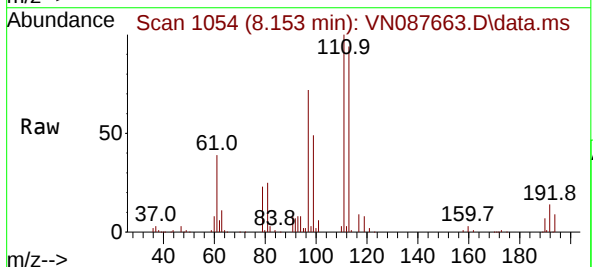
Manual Integrations
APPROVED

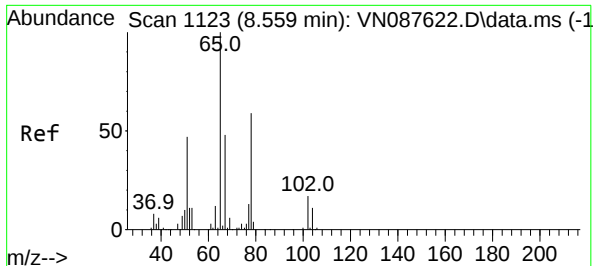
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#32
1,1,1-Trichloroethane
Concen: 20.280 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

Tgt Ion: 97 Resp: 116862
Ion Ratio Lower Upper
97 100
99 64.6 52.2 78.2
61 51.0 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 50.976 ug/l

RT: 8.565 min Scan# 1123

Delta R.T. 0.006 min

Lab File: VN087663.D

Acq: 25 Aug 2025 17:08

Instrument :

MSVOA_N

ClientSampleId :

VN0825WBSD02

Tgt Ion: 65 Resp: 225069

Ion Ratio Lower Upper

65 100

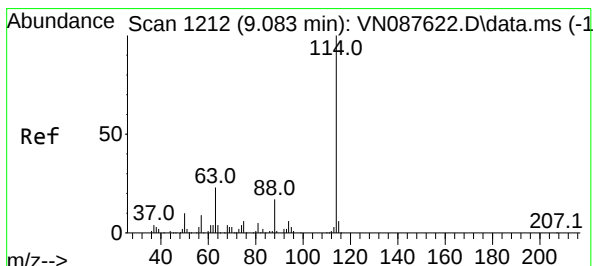
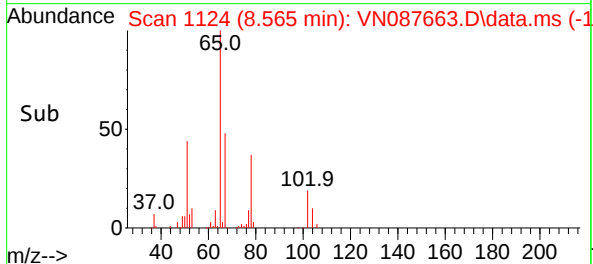
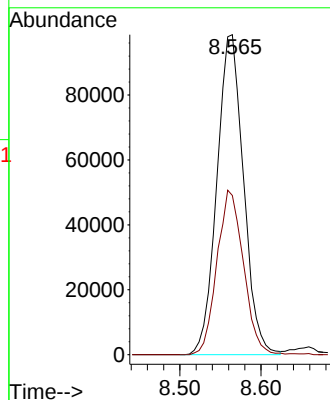
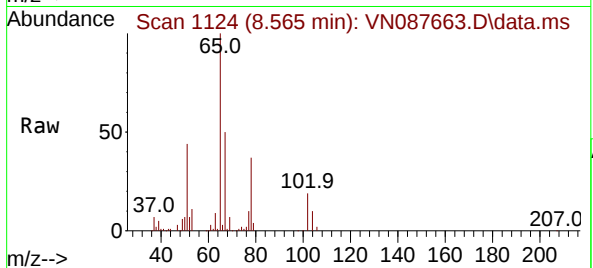
67 51.0 0.0 100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087663.D

Acq: 25 Aug 2025 17:08

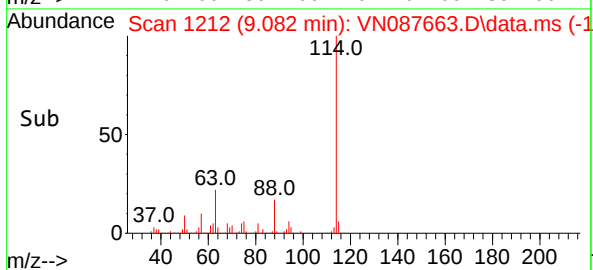
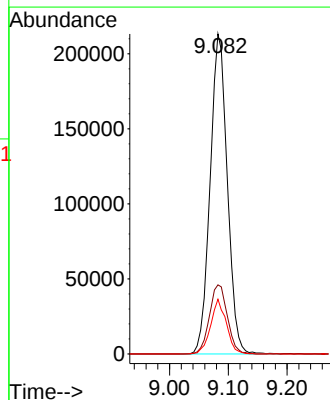
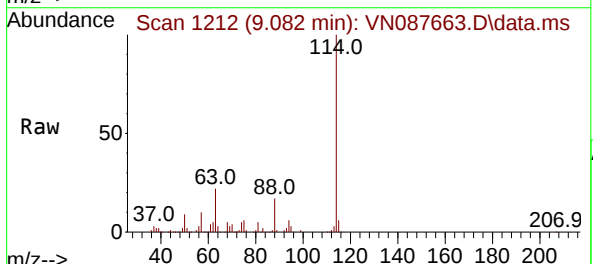
Tgt Ion:114 Resp: 433384

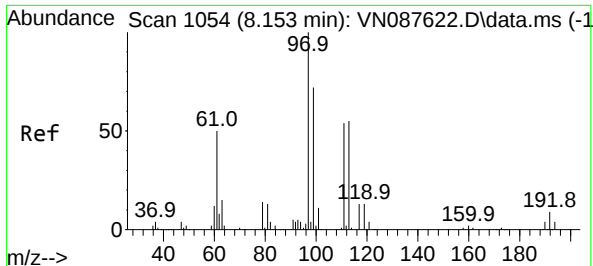
Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.2

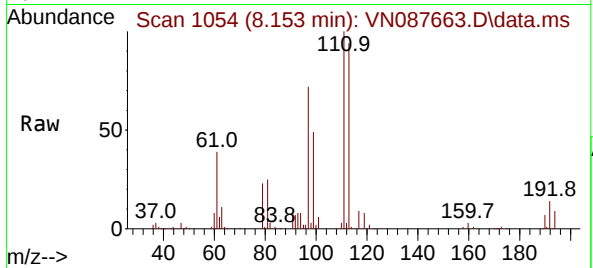
88 17.1 0.0 33.4





#35
Dibromofluoromethane
Concen: 45.962 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

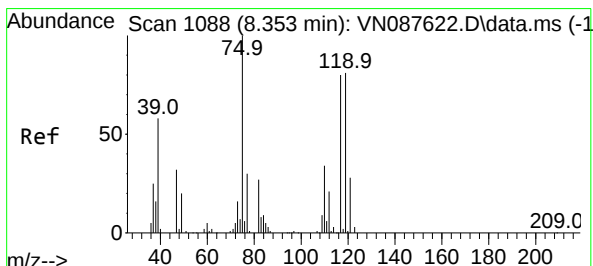
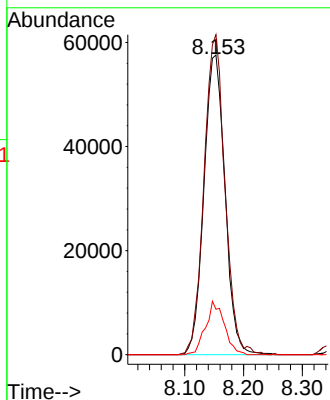
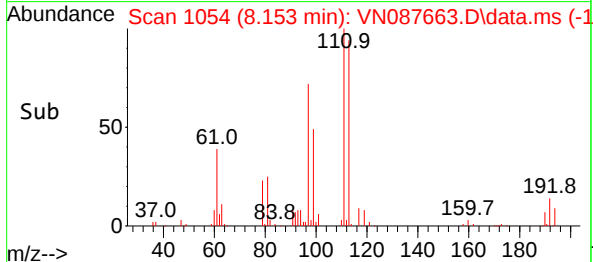
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBSD02



Tgt Ion:113 Resp: 143810
Ion Ratio Lower Upper
113 100
111 105.5 82.8 124.2
192 15.8 12.8 19.2

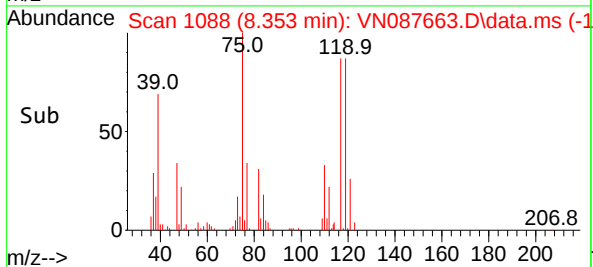
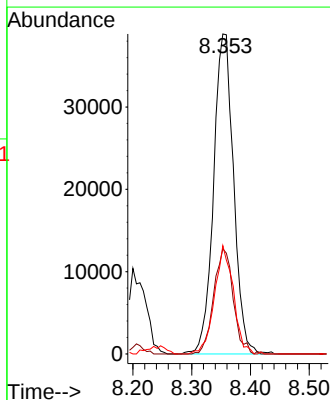
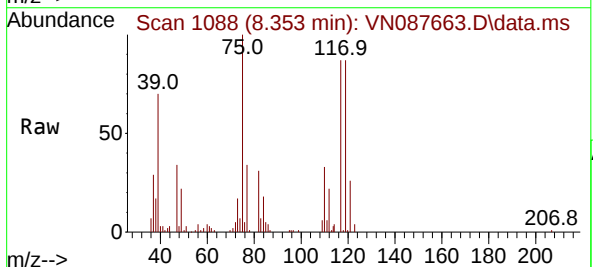
Manual Integrations
APPROVED

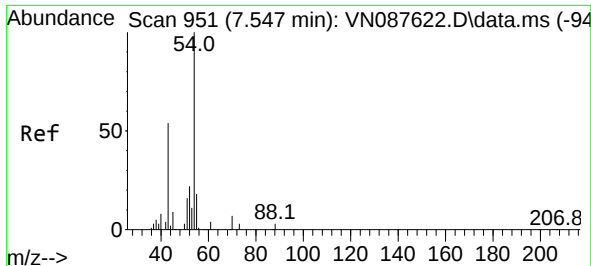
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#36
1,1-Dichloropropene
Concen: 19.176 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

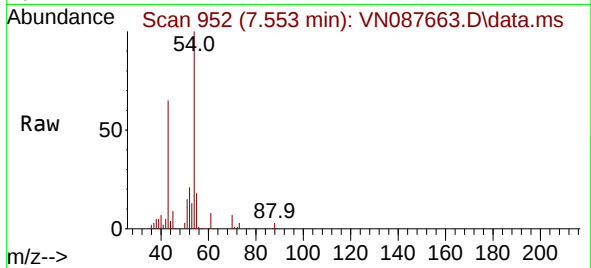
Tgt Ion: 75 Resp: 92049
Ion Ratio Lower Upper
75 100
110 31.9 15.9 47.6
77 31.9 24.4 36.6





#37
Ethyl Acetate
Concen: 19.806 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

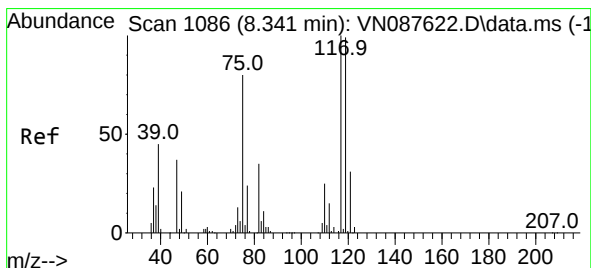
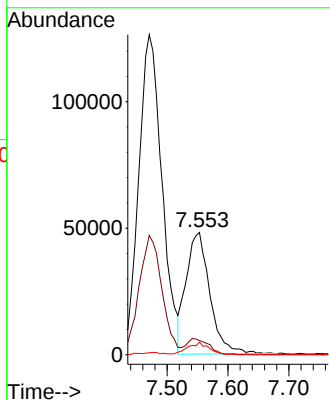
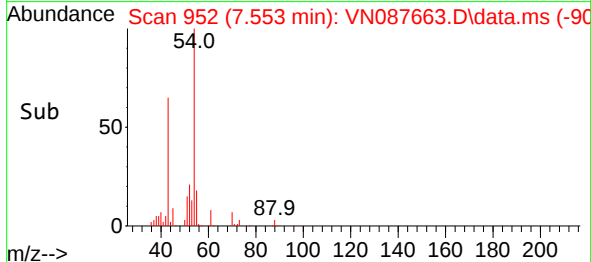
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBSD02



Tgt Ion: 43 Resp: 12992
Ion Ratio Lower Upper
43 100
61 12.2 9.3 13.9
70 9.0 7.0 10.6

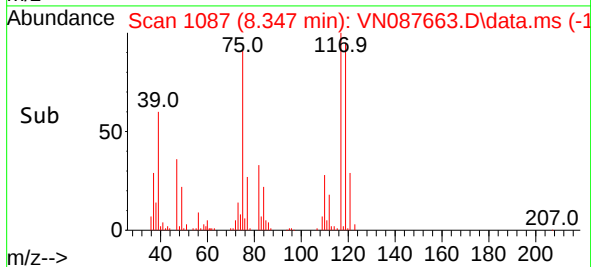
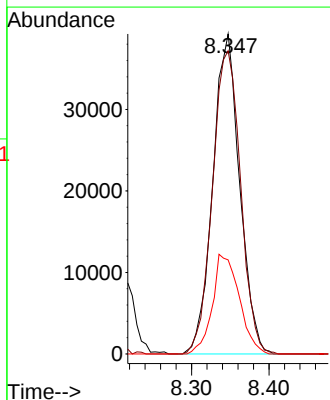
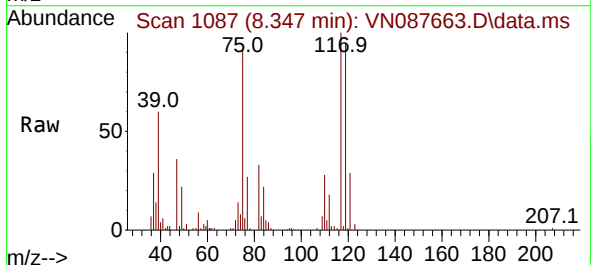
Manual Integrations
APPROVED

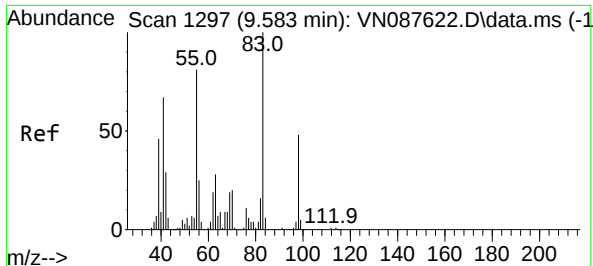
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#38
Carbon Tetrachloride
Concen: 19.952 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

Tgt Ion:117 Resp: 94564
Ion Ratio Lower Upper
117 100
119 94.7 79.0 118.6
121 29.4 25.0 37.6





#39

Methylcyclohexane

Concen: 18.682 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN087663.D

Acq: 25 Aug 2025 17:08

Instrument :

MSVOA_N

ClientSampleId :

VN0825WBSD02

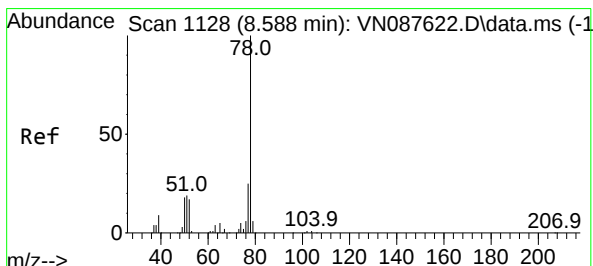
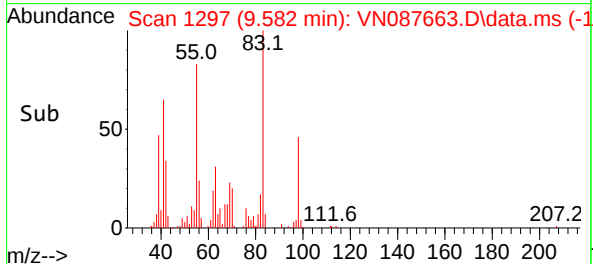
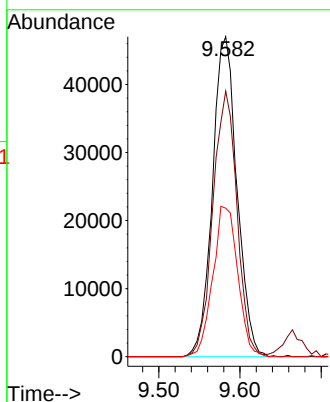
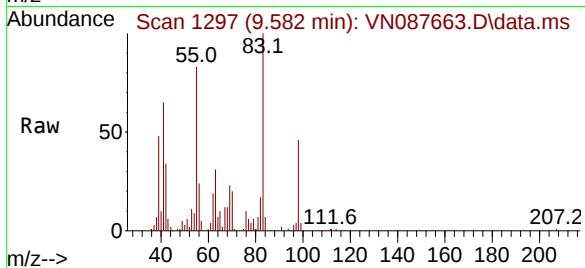
Tgt Ion:	83	Resp:	9873
Ion Ratio	Lower	Upper	
83	100		
55	83.0	64.6	96.8
98	46.4	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#40

Benzene

Concen: 20.202 ug/l

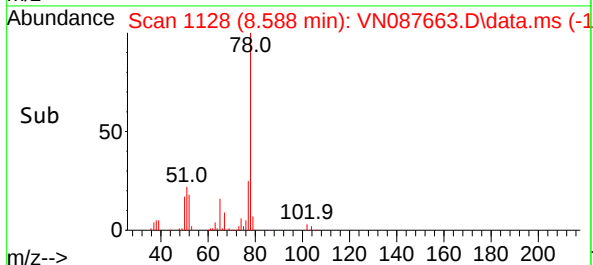
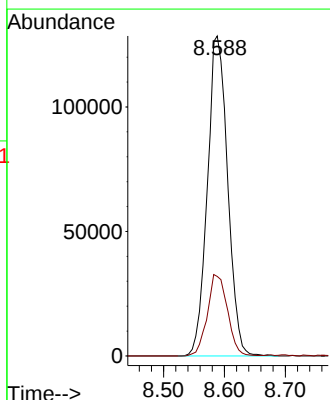
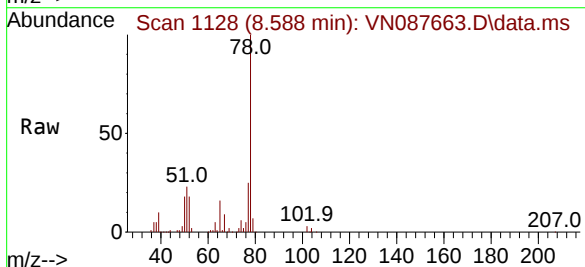
RT: 8.588 min Scan# 1128

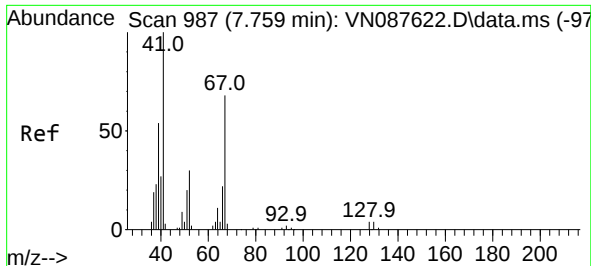
Delta R.T. -0.000 min

Lab File: VN087663.D

Acq: 25 Aug 2025 17:08

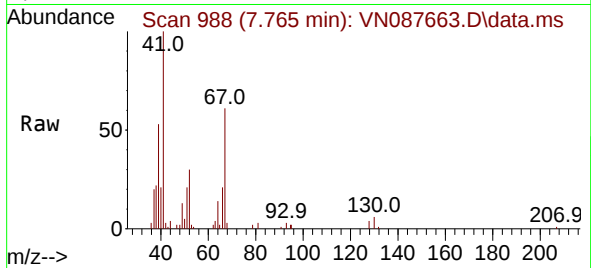
Tgt Ion:	78	Resp:	297446
Ion Ratio	Lower	Upper	
78	100		
77	24.9	19.7	29.5





#41
Methacrylonitrile
Concen: 21.103 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

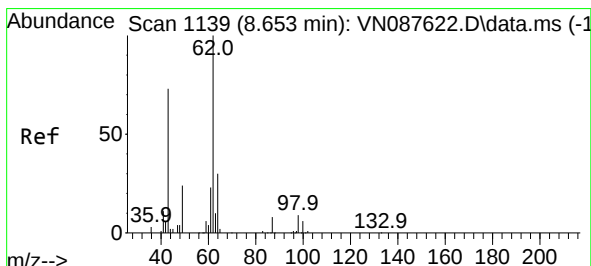
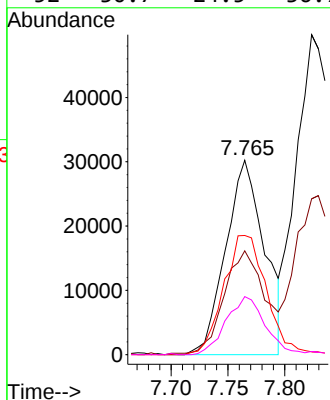
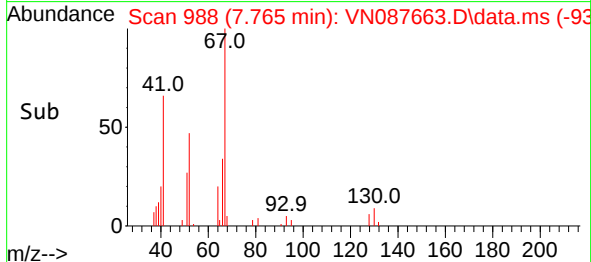
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBSD02



Tgt Ion:	41	Resp:	71708
Ion Ratio	100	Lower	Upper
39	56.9	45.4	68.0
67	67.9	55.3	82.9
52	30.7	24.5	36.7

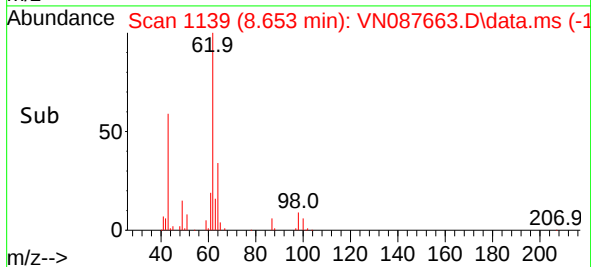
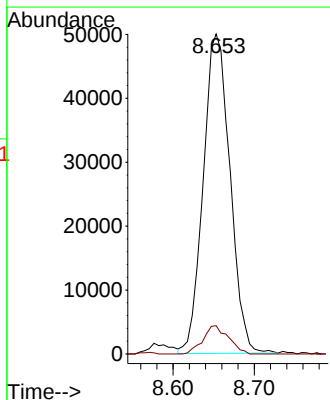
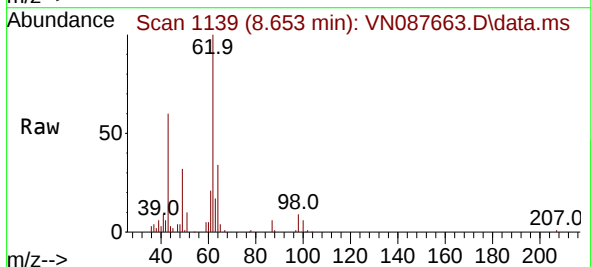
Manual Integrations
APPROVED

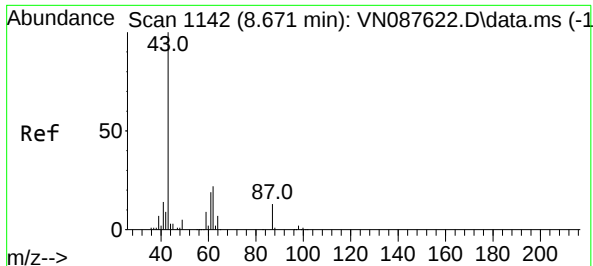
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#42
1,2-Dichloroethane
Concen: 20.256 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

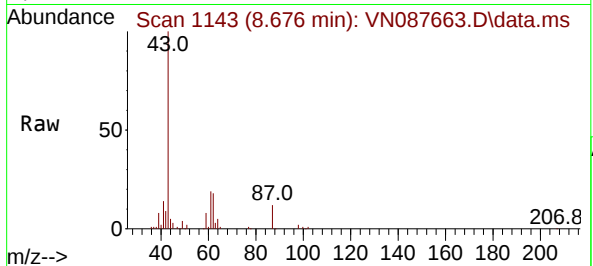
Tgt Ion:	62	Resp:	114608
Ion Ratio	100	Lower	Upper
98	8.4	0.0	17.4





#43
Isopropyl Acetate
Concen: 21.307 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

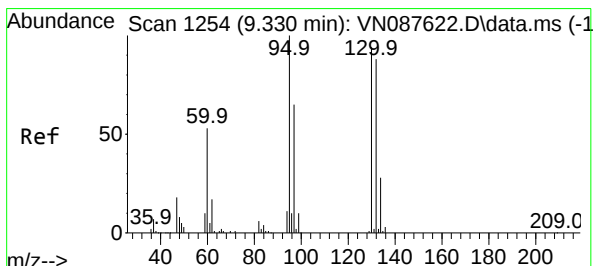
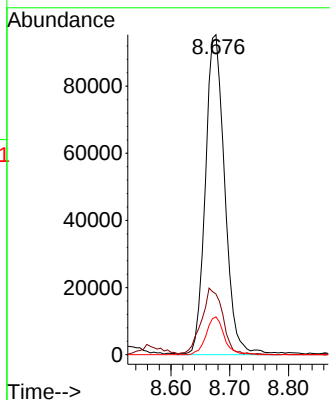
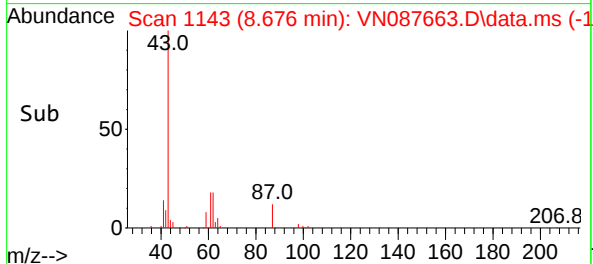
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBSD02



Tgt Ion: 43 Resp: 218204
Ion Ratio Lower Upper
43 100
61 22.5 18.8 28.2
87 11.0 9.6 14.4

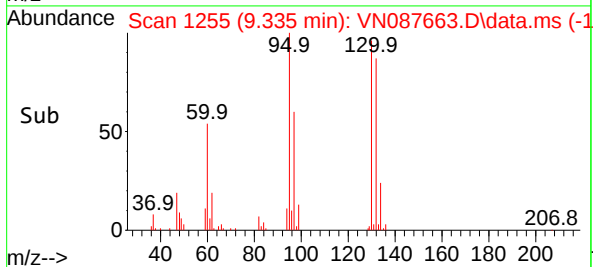
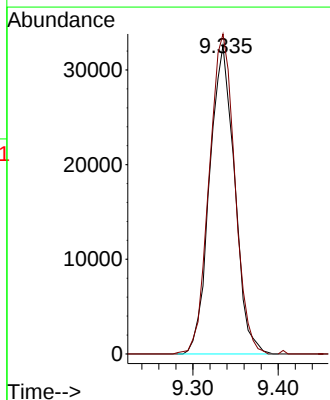
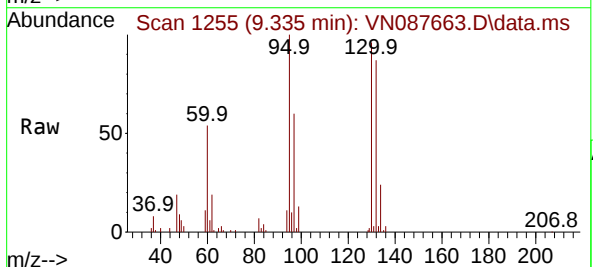
Manual Integrations
APPROVED

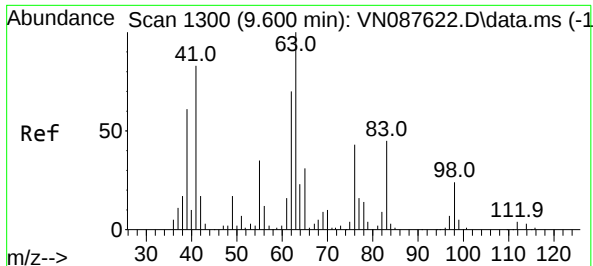
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#44
Trichloroethene
Concen: 19.718 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

Tgt Ion:130 Resp: 66280
Ion Ratio Lower Upper
130 100
95 103.8 0.0 212.0





#45

1,2-Dichloropropane

Concen: 19.680 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087663.D

Acq: 25 Aug 2025 17:08

Instrument :

MSVOA_N

ClientSampleId :

VN0825WBSD02

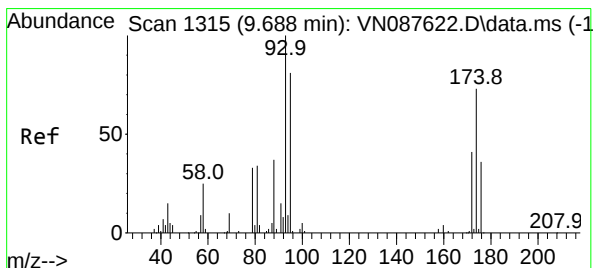
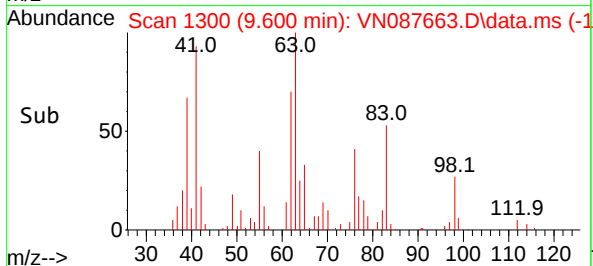
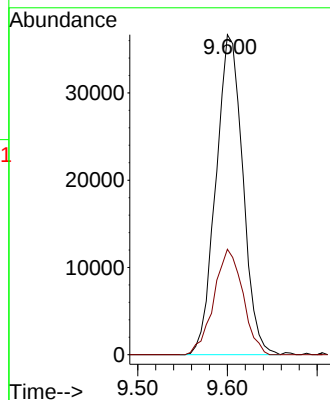
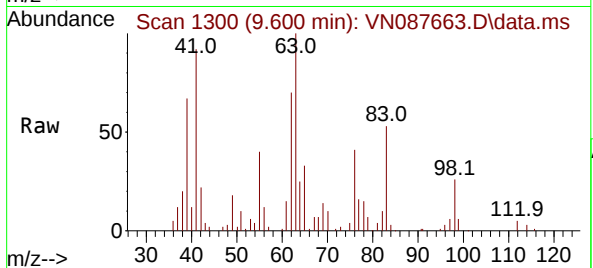
Tgt Ion: 63 Resp: 76370
 Ion Ratio Lower Upper
 63 100
 65 32.9 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#46

Dibromomethane

Concen: 20.477 ug/l

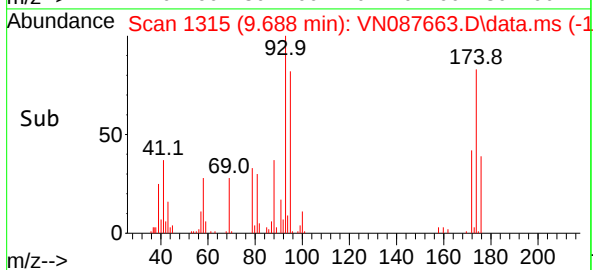
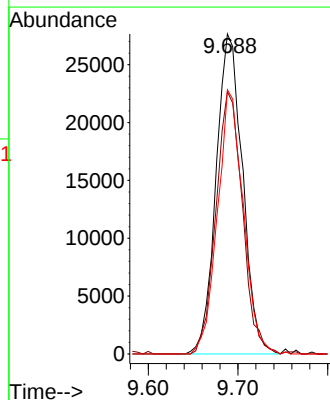
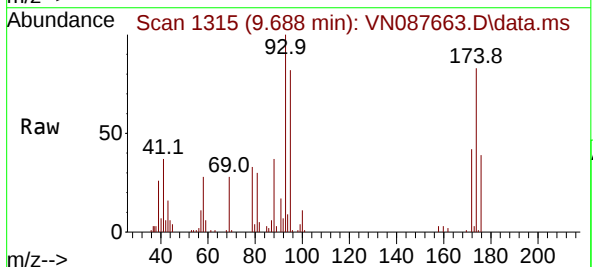
RT: 9.688 min Scan# 1315

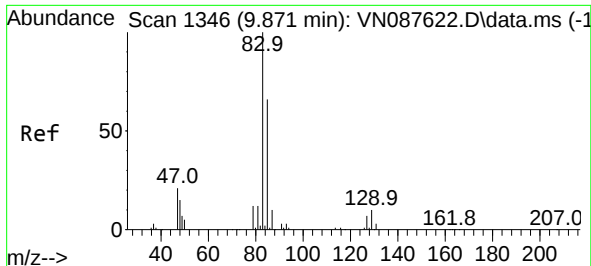
Delta R.T. -0.000 min

Lab File: VN087663.D

Acq: 25 Aug 2025 17:08

Tgt Ion: 93 Resp: 56552
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.2 99.4
 174 80.3 63.4 95.2





#47

Bromodichloromethane

Concen: 20.442 ug/l

RT: 9.870 min Scan# 115700

Delta R.T. -0.000 min

Lab File: VN087663.D

Acq: 25 Aug 2025 17:08

Instrument :

MSVOA_N

ClientSampleId :

VN0825WBSD02

Tgt Ion: 83 Resp: 115700

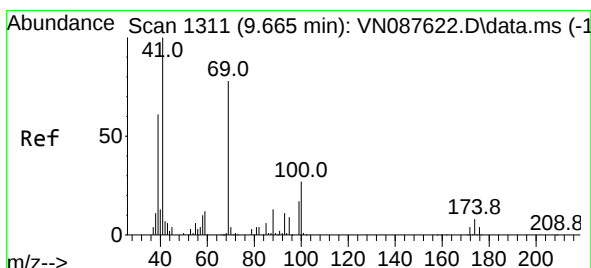
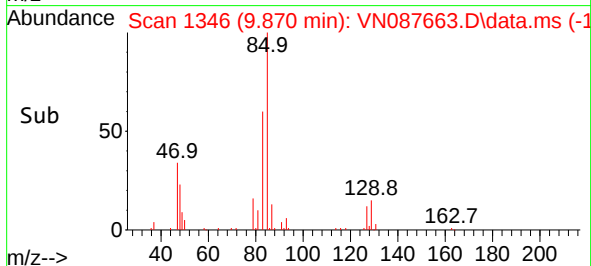
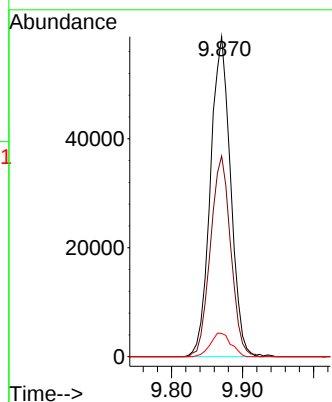
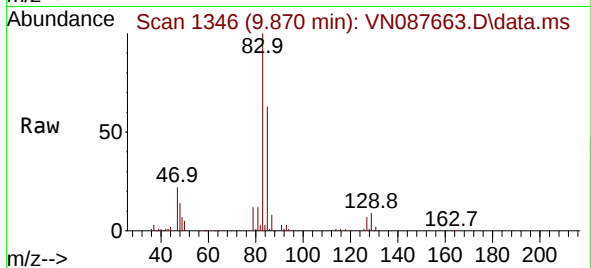
Ion	Ratio	Lower	Upper
83	100		
85	62.7	52.5	78.7
127	7.2	5.8	8.6

Manual Integrations

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Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#48

Methyl methacrylate

Concen: 20.599 ug/l

RT: 9.665 min Scan# 1311

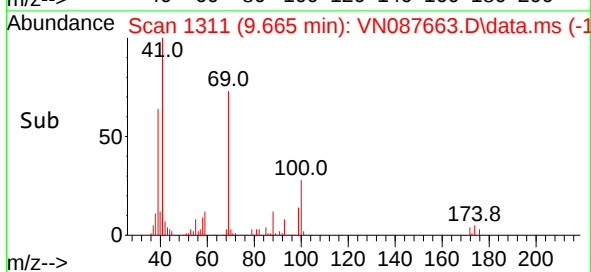
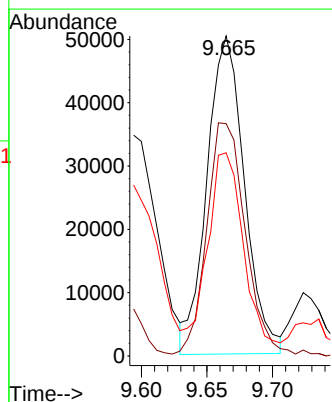
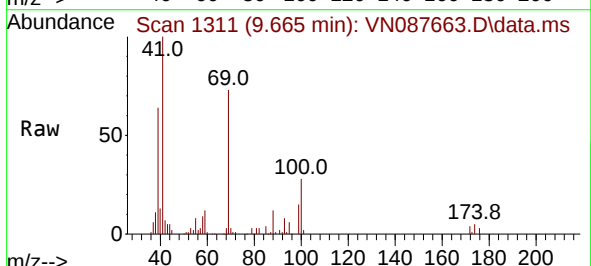
Delta R.T. -0.000 min

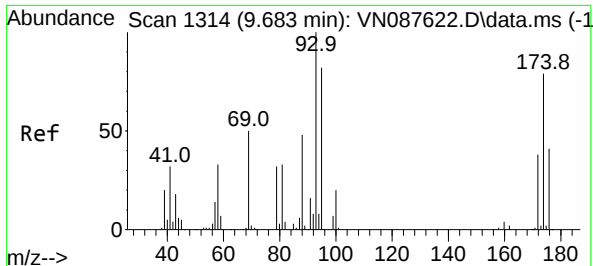
Lab File: VN087663.D

Acq: 25 Aug 2025 17:08

Tgt Ion: 41 Resp: 99786

Ion	Ratio	Lower	Upper
41	100		
69	76.4	62.7	94.1
39	63.4	52.9	79.3





#49

1,4-Dioxane

Concen: 444.125 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN087663.D

Acq: 25 Aug 2025 17:08

Instrument :

MSVOA_N

ClientSampleId :

VN0825WBSD02

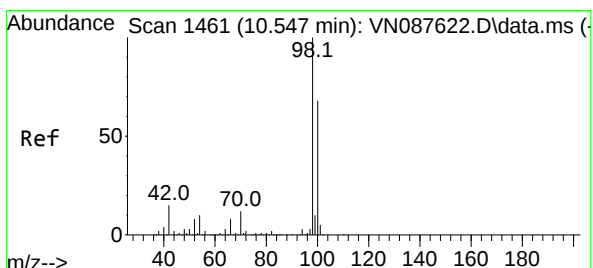
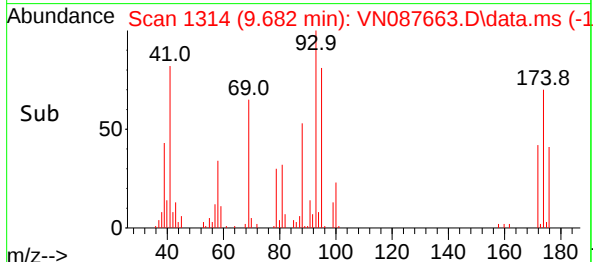
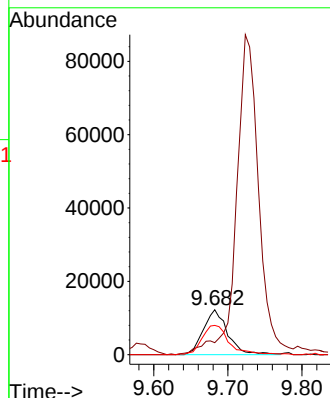
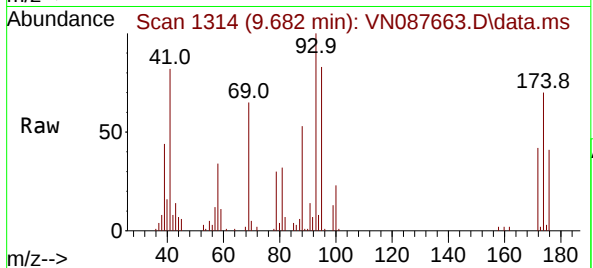
Tgt Ion: 88 Resp: 27885
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 72.2 57.9 86.9

Manual Integrations

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Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#50

Toluene-d8

Concen: 45.464 ug/l

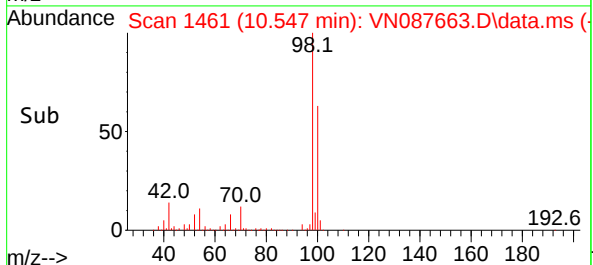
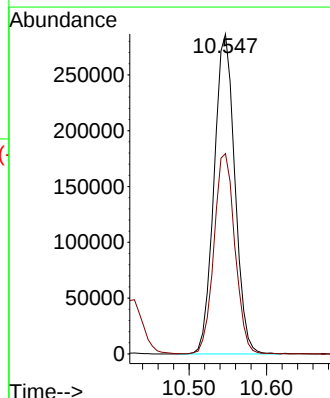
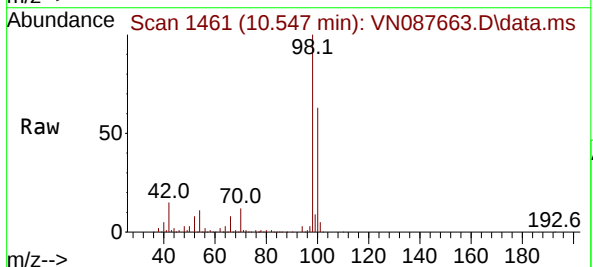
RT: 10.547 min Scan# 1461

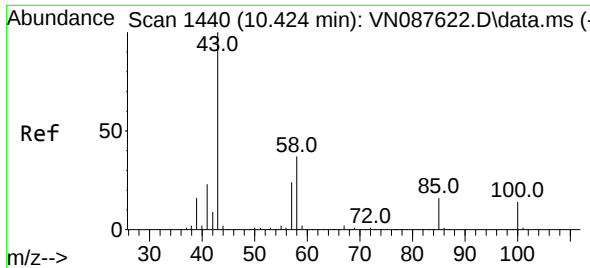
Delta R.T. -0.000 min

Lab File: VN087663.D

Acq: 25 Aug 2025 17:08

Tgt Ion: 98 Resp: 532446
 Ion Ratio Lower Upper
 98 100
 100 63.4 52.8 79.2





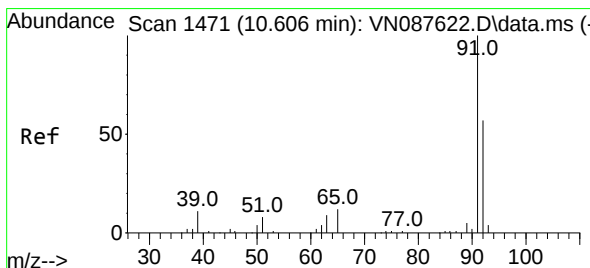
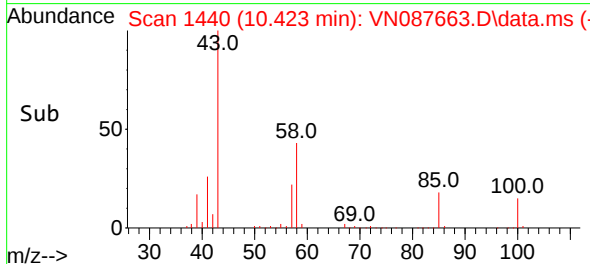
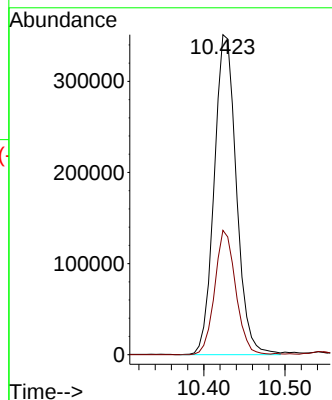
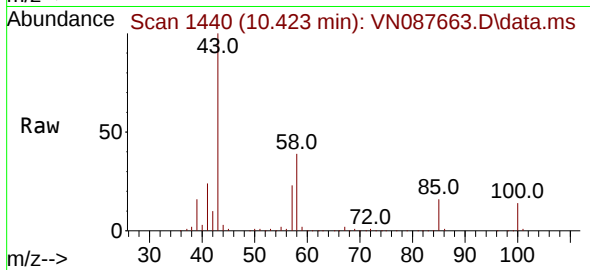
#51
4-Methyl-2-Pentanone
Concen: 108.050 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBSD02

Tgt Ion: 43 Resp: 667629
Ion Ratio Lower Upper
43 100
58 36.8 29.6 44.4

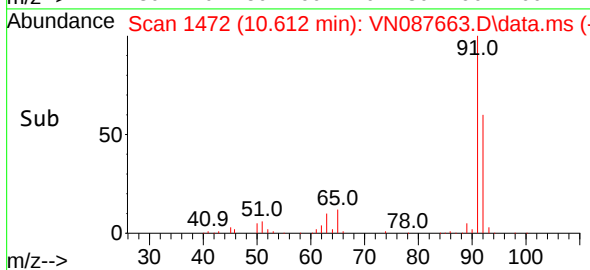
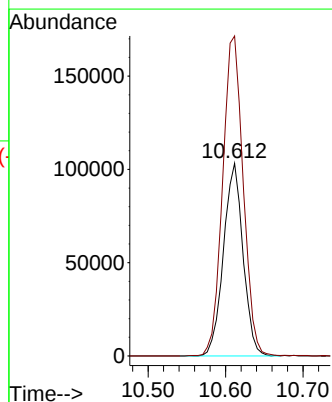
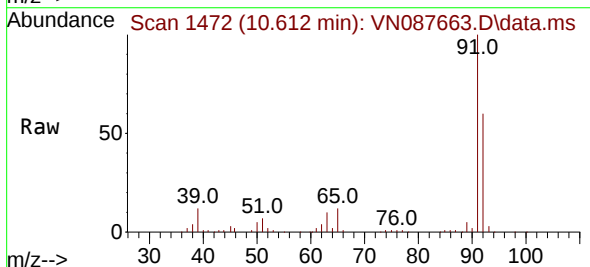
Manual Integrations
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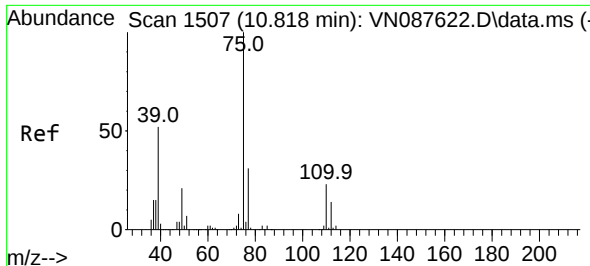
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#52
Toluene
Concen: 19.853 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

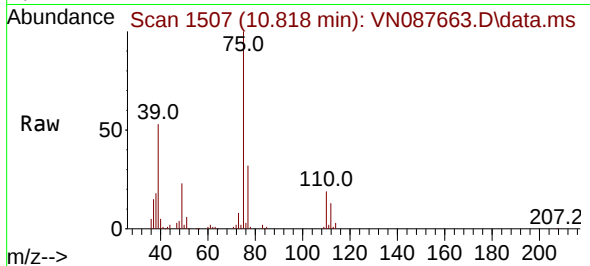
Tgt Ion: 92 Resp: 181212
Ion Ratio Lower Upper
92 100
91 174.7 140.4 210.6





#53
t-1,3-Dichloropropene
Concen: 20.171 ug/l
RT: 10.818 min Scan# 11817
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

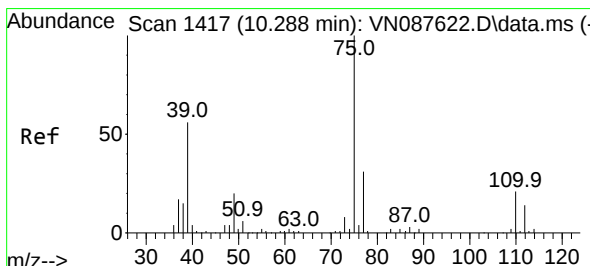
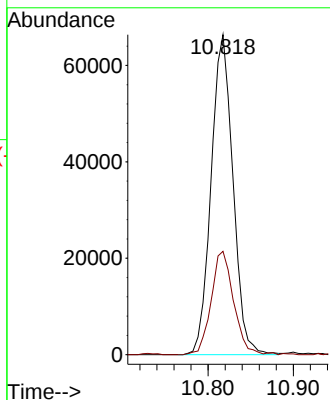
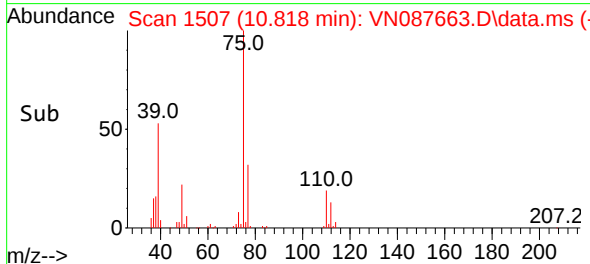
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBSD02



Tgt Ion: 75 Resp: 11817
Ion Ratio Lower Upper
75 100
77 32.3 25.2 37.8

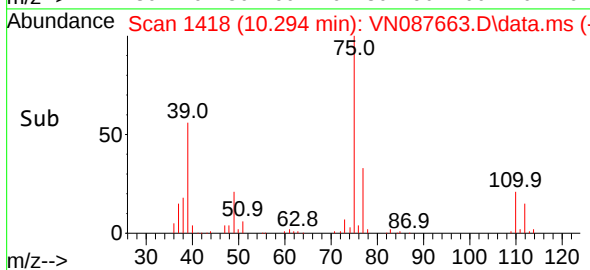
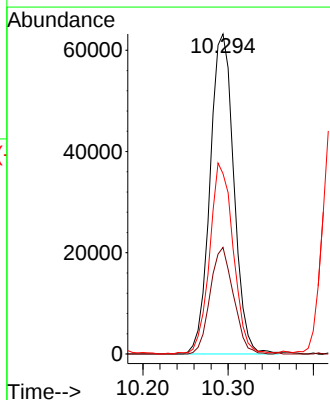
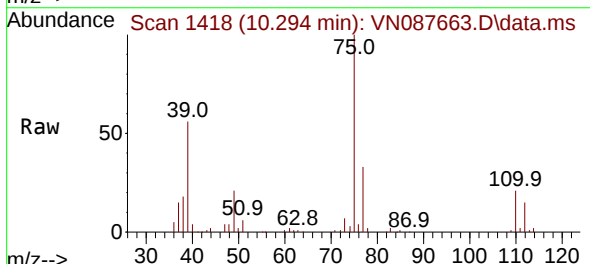
Manual Integrations
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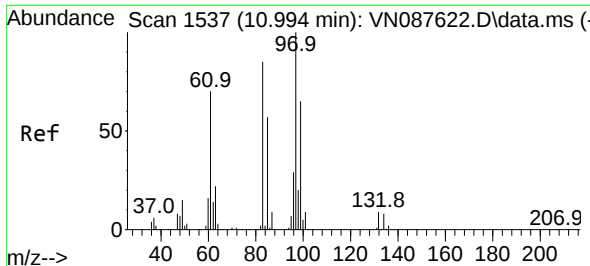
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#54
cis-1,3-Dichloropropene
Concen: 20.116 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

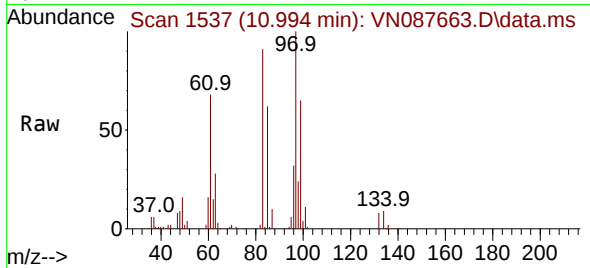
Tgt Ion: 75 Resp: 122369
Ion Ratio Lower Upper
75 100
77 33.3 24.6 37.0
39 56.0 45.2 67.8





#55
1,1,2-Trichloroethane
Concen: 21.063 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

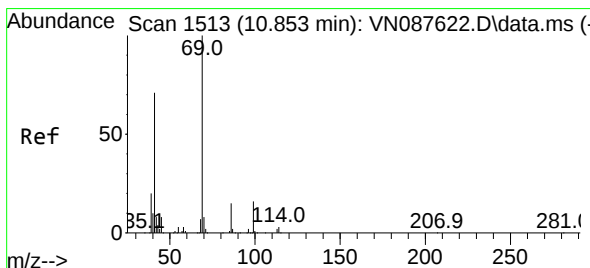
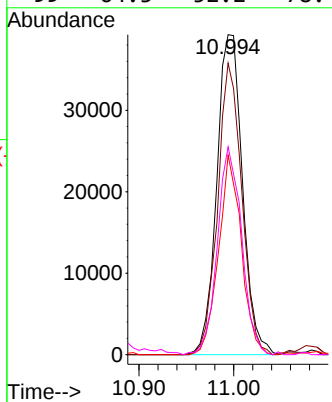
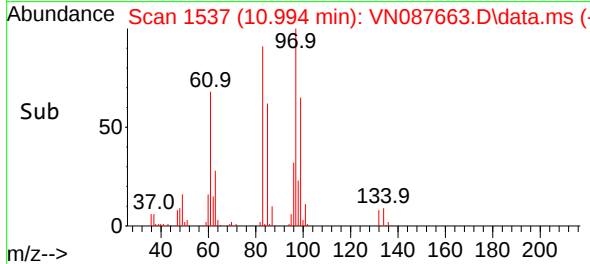
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBSD02



Tgt Ion:	97	Resp:	7437
Ion	Ratio	Lower	Upper
97	100		
83	91.1	68.2	102.4
85	62.4	45.5	68.3
99	64.3	52.2	78.4

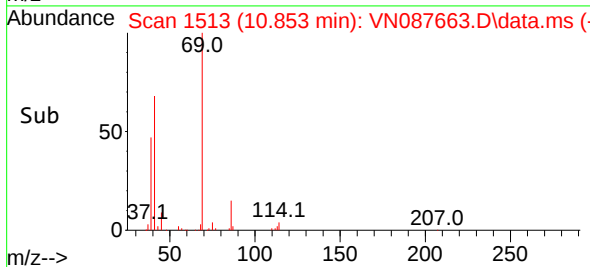
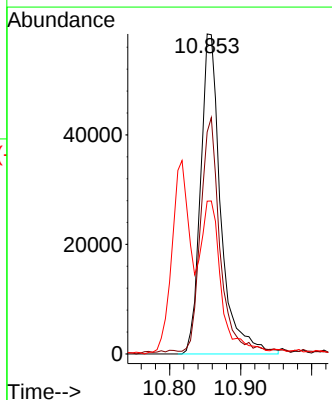
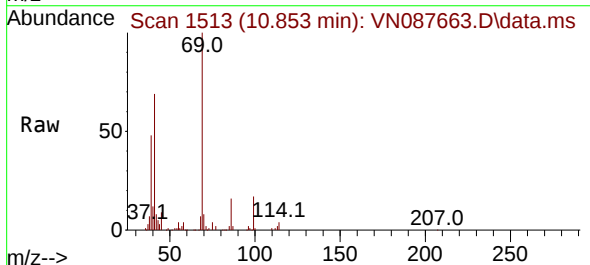
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#56
Ethyl methacrylate
Concen: 20.583 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

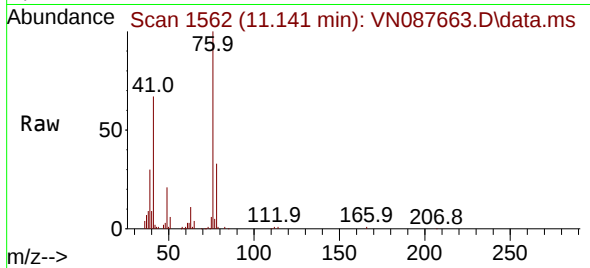
Tgt Ion:	69	Resp:	116146
Ion	Ratio	Lower	Upper
69	100		
41	70.8	56.5	84.7
39	47.2	34.2	51.4





#57
1,3-Dichloropropane
Concen: 20.611 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

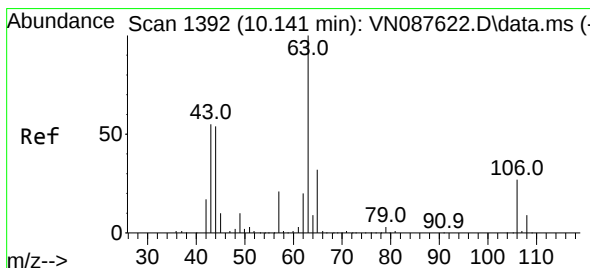
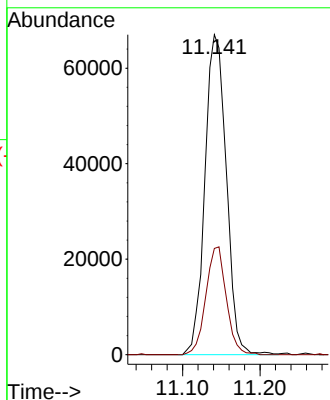
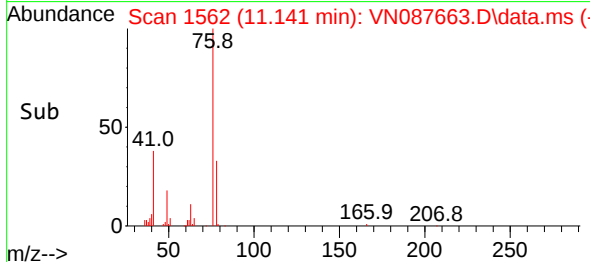
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBSD02



Tgt Ion: 76 Resp: 128799
Ion Ratio Lower Upper
76 100
78 32.1 26.2 39.4

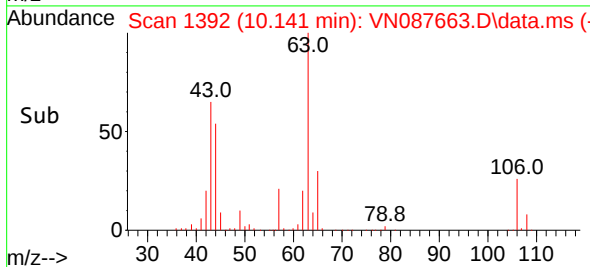
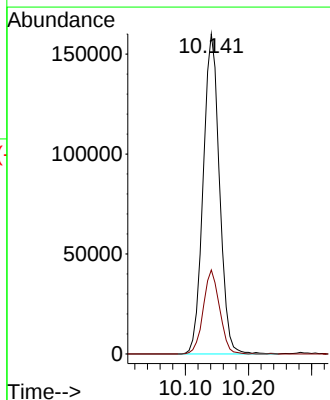
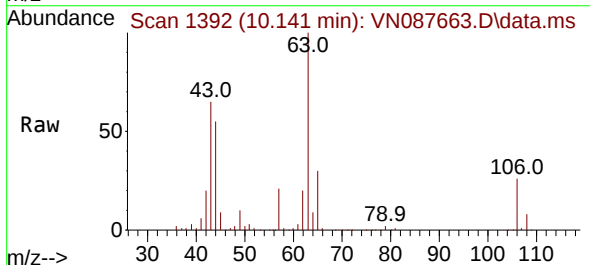
Manual Integrations
APPROVED

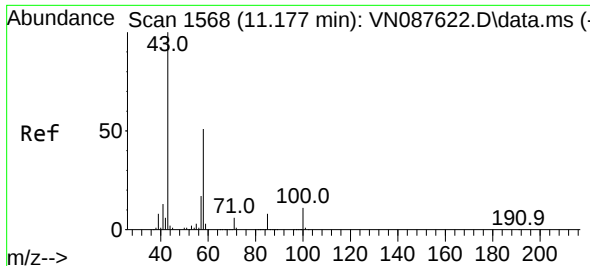
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#58
2-Chloroethyl Vinyl ether
Concen: 93.687 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

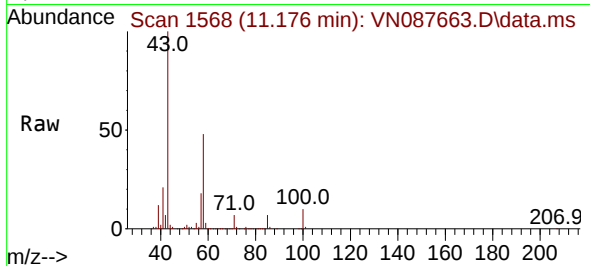
Tgt Ion: 63 Resp: 286144
Ion Ratio Lower Upper
63 100
106 26.2 21.1 31.7





#59
2-Hexanone
Concen: 111.066 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

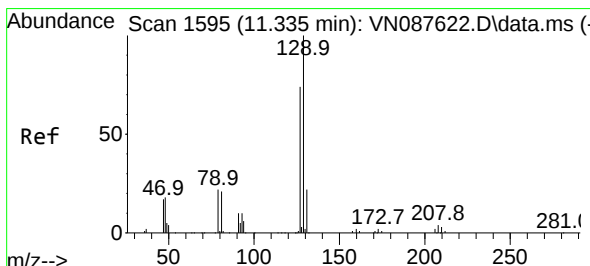
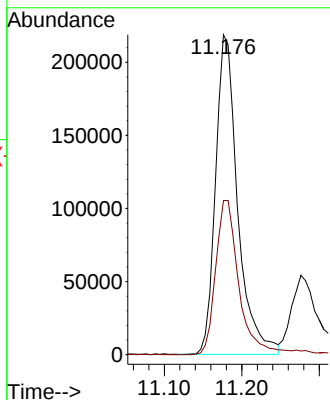
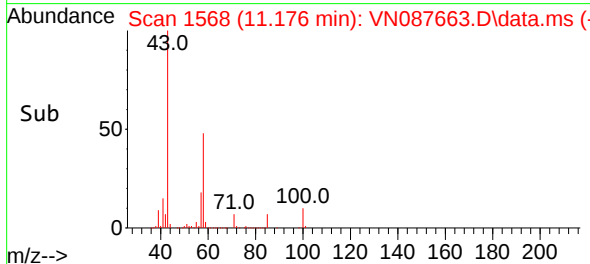
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBSD02



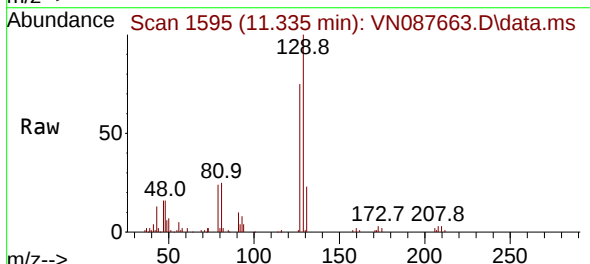
Tgt Ion: 43 Resp: 433718
Ion Ratio Lower Upper
43 100
58 50.7 25.9 77.8

Manual Integrations
APPROVED

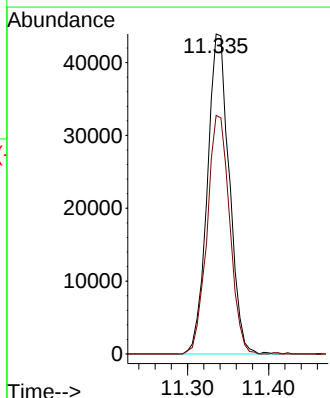
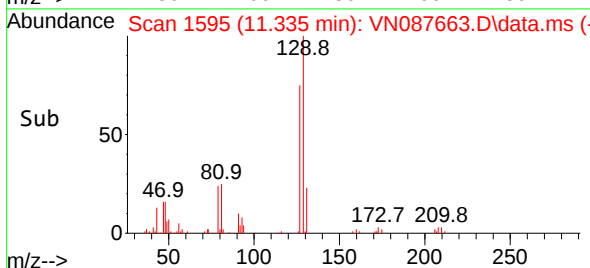
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

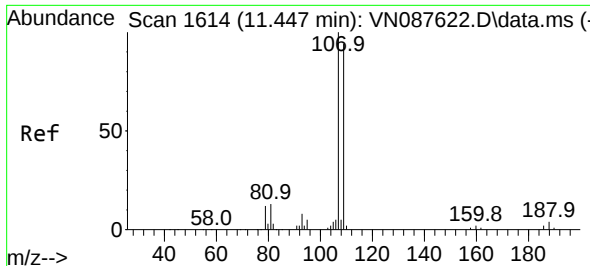


#60
Dibromochloromethane
Concen: 20.123 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08



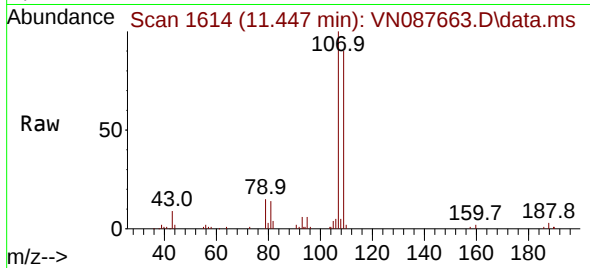
Tgt Ion:129 Resp: 82328
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.3





#61
1,2-Dibromoethane
Concen: 20.601 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

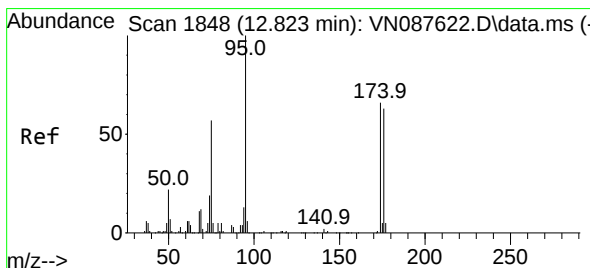
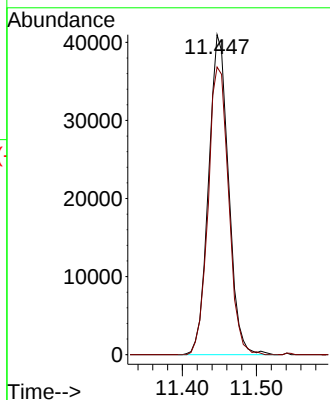
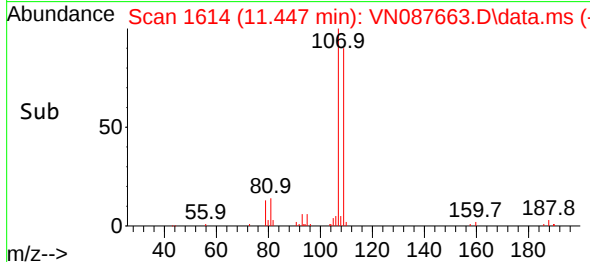
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBSD02



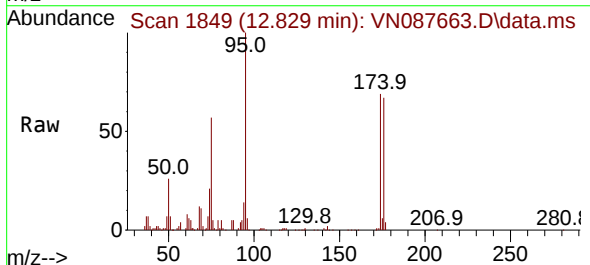
Tgt Ion:107 Resp: 76702
Ion Ratio Lower Upper
107 100
109 92.1 74.7 112.1

Manual Integrations
APPROVED

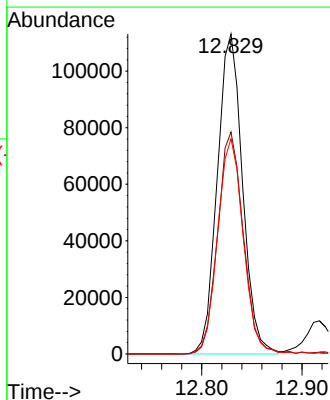
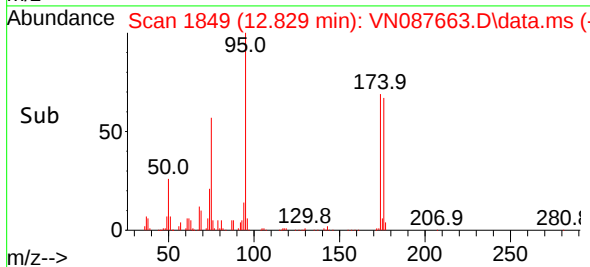
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

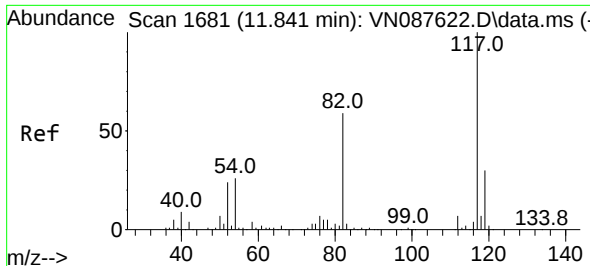


#62
4-Bromofluorobenzene
Concen: 47.367 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08



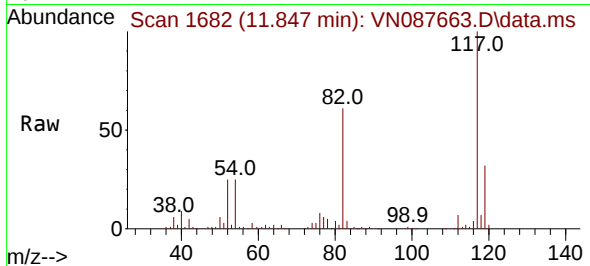
Tgt Ion: 95 Resp: 197279
Ion Ratio Lower Upper
95 100
174 70.6 0.0 138.4
176 68.6 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 11847
Delta R.T. 0.006 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

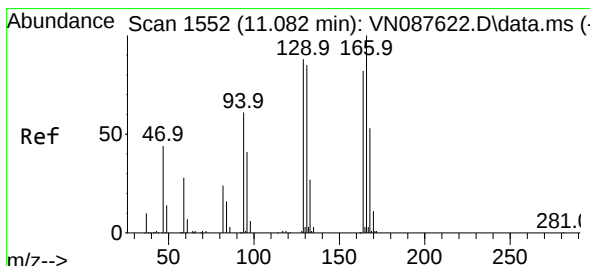
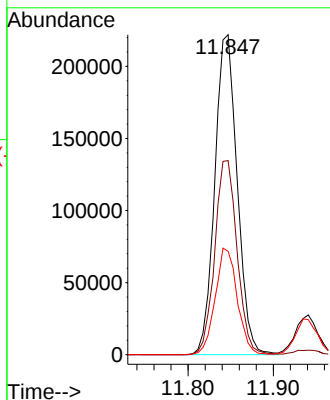
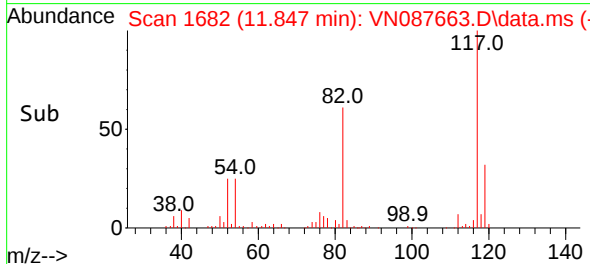
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBSD02



Tgt Ion:117 Resp: 40606
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.2
119 32.3 24.3 36.5

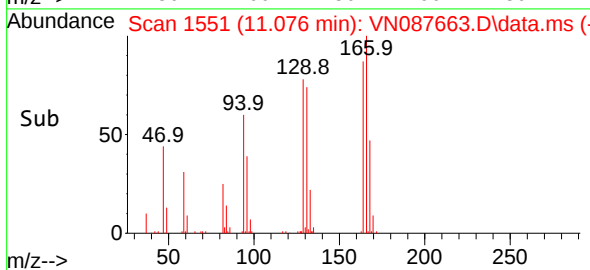
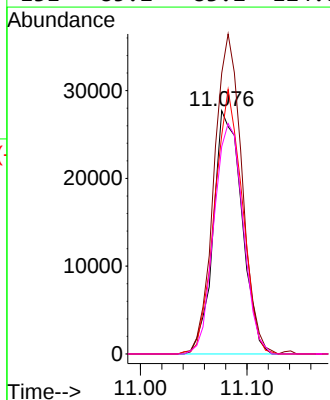
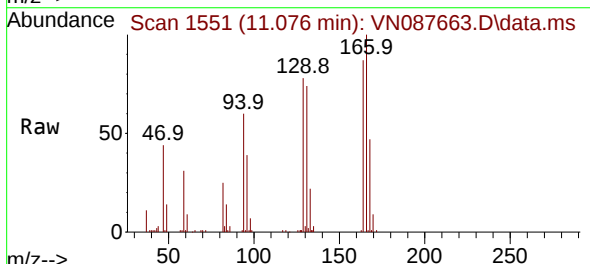
Manual Integrations
APPROVED

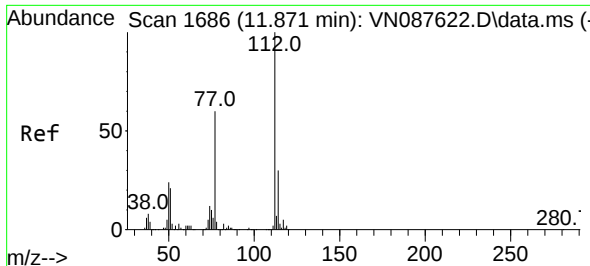
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#64
Tetrachloroethene
Concen: 18.243 ug/l
RT: 11.076 min Scan# 1551
Delta R.T. -0.006 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

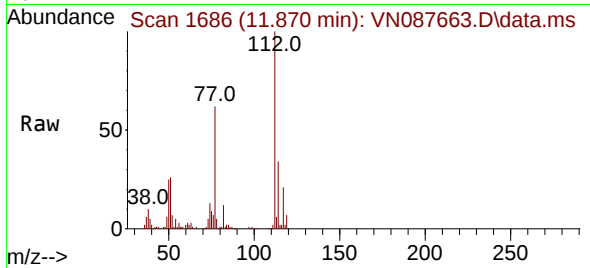
Tgt Ion:164 Resp: 51394
Ion Ratio Lower Upper
164 100
166 115.4 97.7 146.5
129 89.9 85.9 128.9
131 85.2 83.2 124.8





#65
Chlorobenzene
Concen: 19.695 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

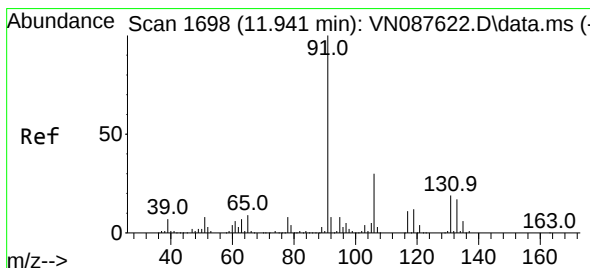
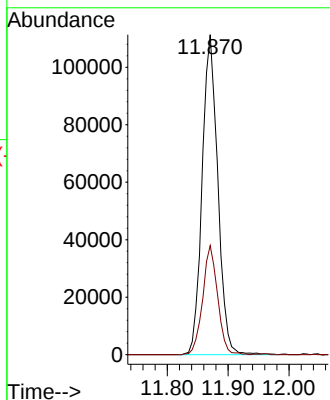
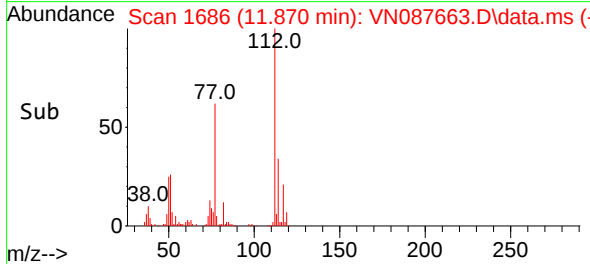
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBSD02



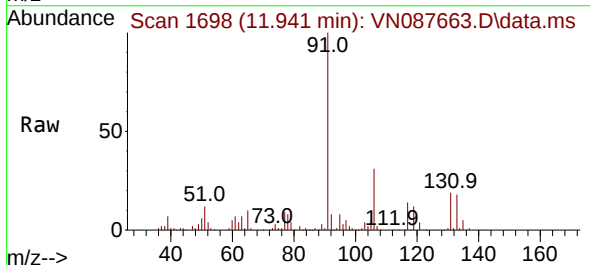
Tgt Ion:112 Resp: 19896
Ion Ratio Lower Upper
112 100
114 34.1 24.3 36.5

Manual Integrations
APPROVED

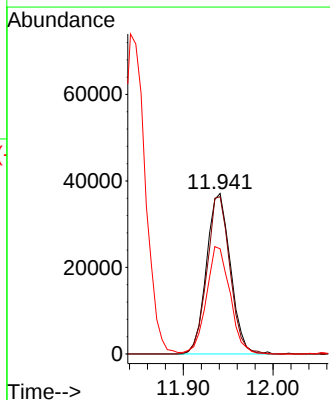
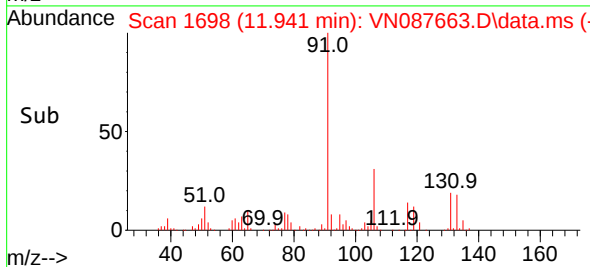
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

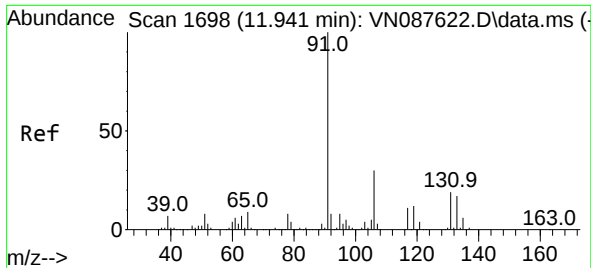


#66
1,1,1,2-Tetrachloroethane
Concen: 20.448 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08



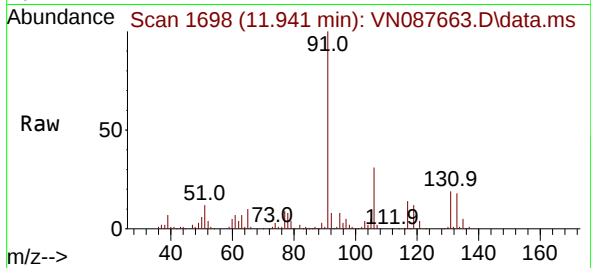
Tgt Ion:131 Resp: 68578
Ion Ratio Lower Upper
131 100
133 94.8 48.0 144.0
119 66.4 32.6 97.7





#67
Ethyl Benzene
Concen: 19.706 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

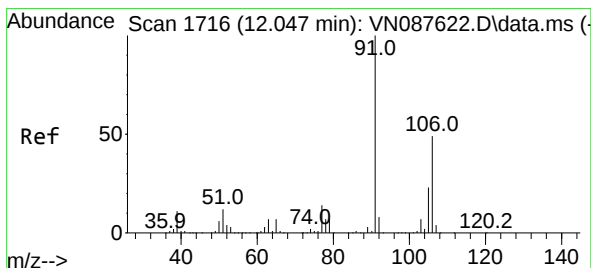
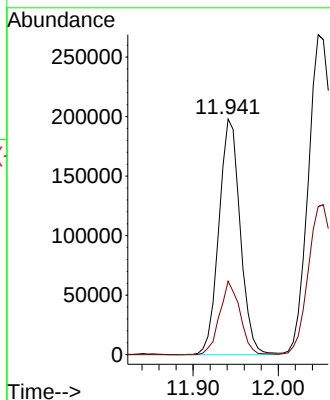
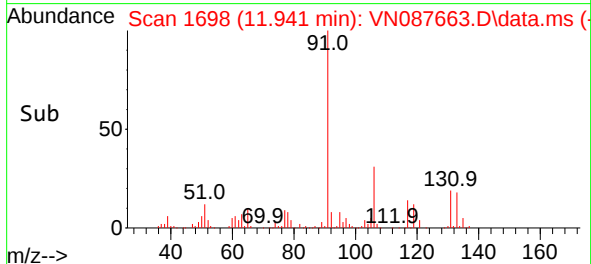
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBSD02



Tgt Ion: 91 Resp: 344685
Ion Ratio Lower Upper
91 100
106 31.2 24.1 36.1

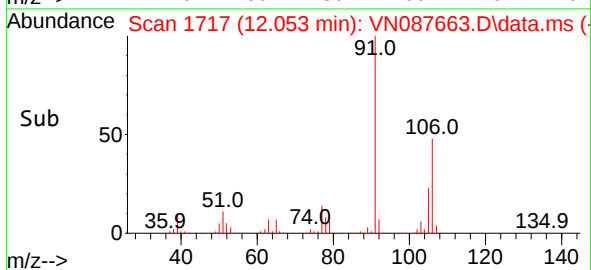
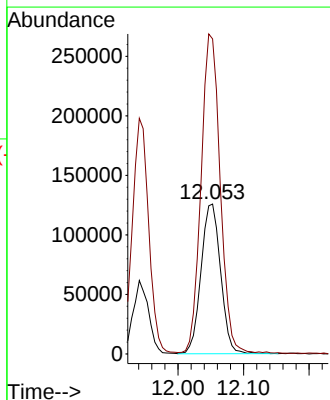
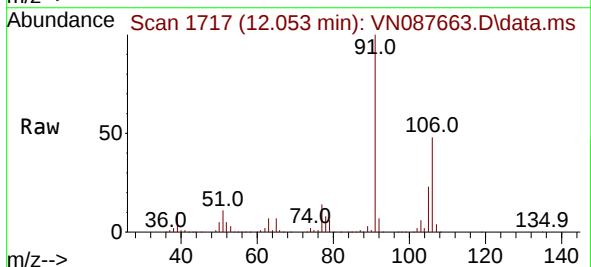
Manual Integrations
APPROVED

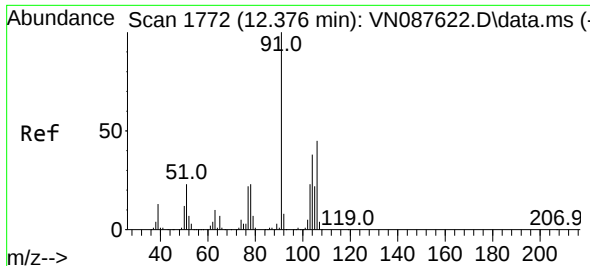
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#68
m/p-Xylenes
Concen: 40.687 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

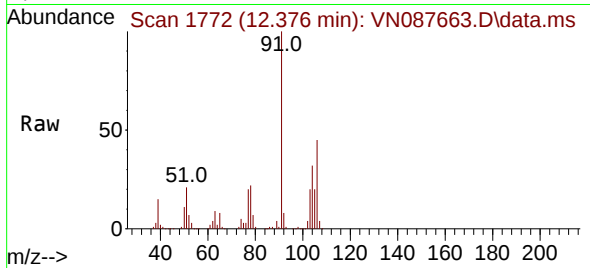
Tgt Ion:106 Resp: 261001
Ion Ratio Lower Upper
106 100
91 207.8 169.3 253.9





#69
o-Xylene
Concen: 19.954 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

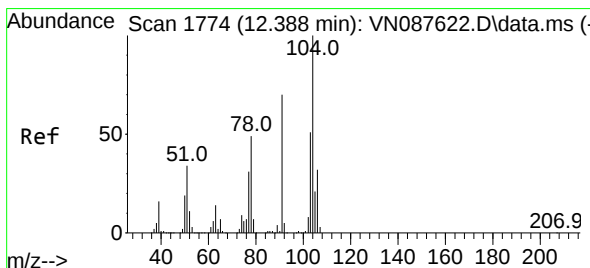
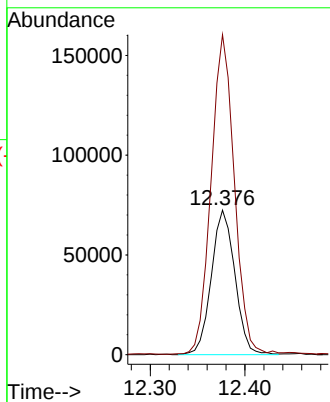
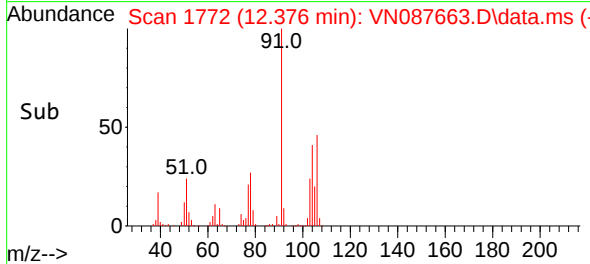
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBSD02



Tgt Ion:106 Resp: 12544
Ion Ratio Lower Upper
106 100
91 217.8 111.4 334.2

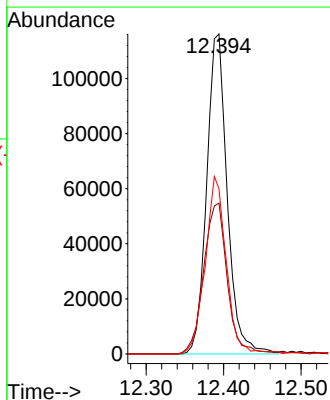
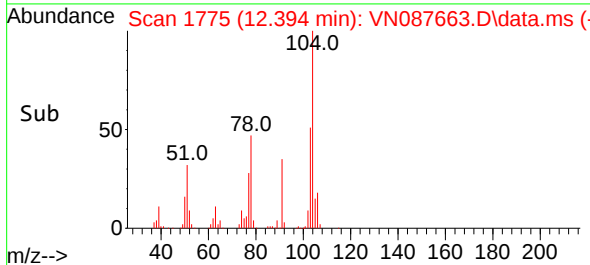
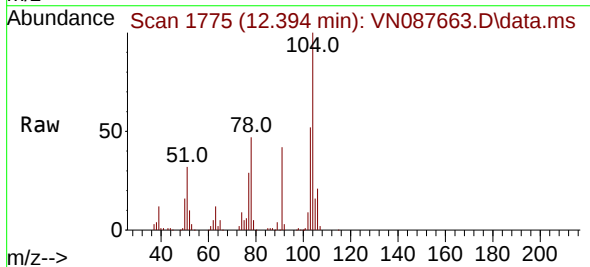
Manual Integrations
APPROVED

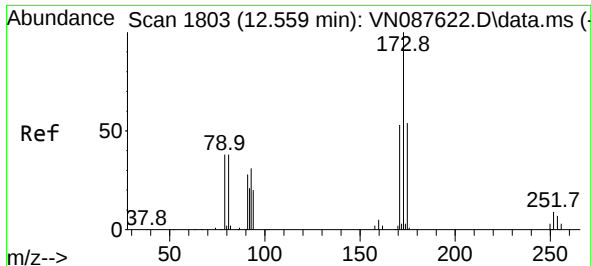
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#70
Styrene
Concen: 20.332 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

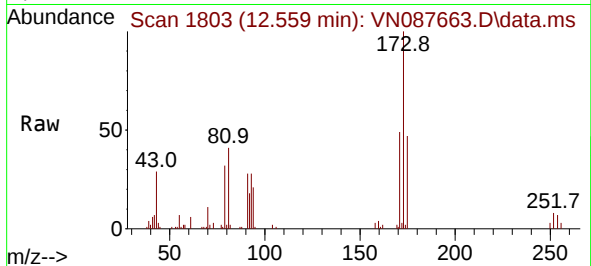
Tgt Ion:104 Resp: 214139
Ion Ratio Lower Upper
104 100
78 53.9 42.2 63.2
103 57.3 43.4 65.2





#71
Bromoform
Concen: 20.589 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

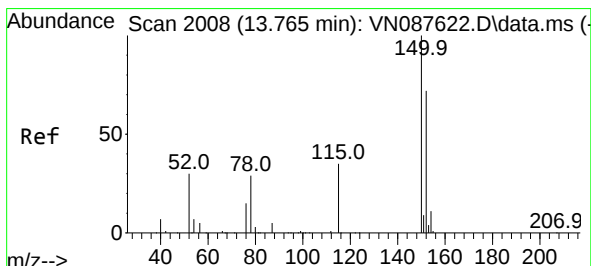
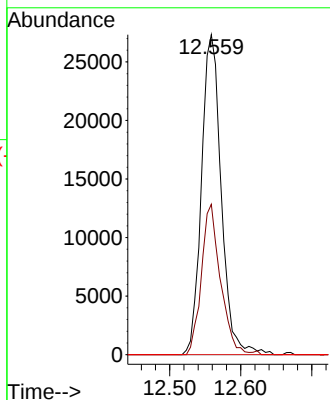
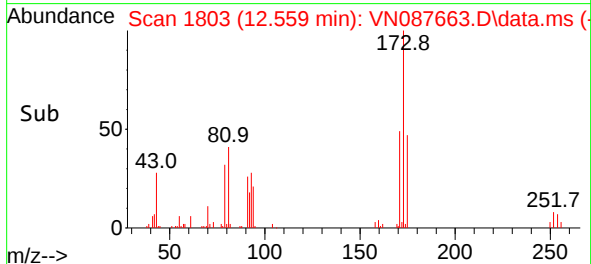
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBSD02



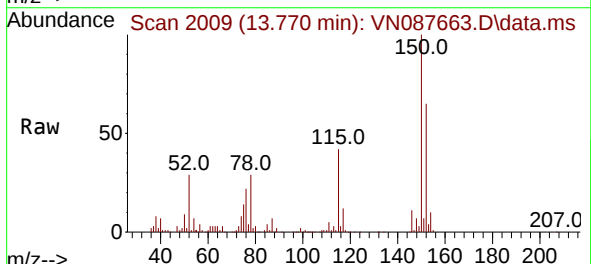
Tgt Ion:173 Resp: 52958
Ion Ratio Lower Upper
173 100
175 45.5 24.9 74.6
254 0.0 0.1 0.1

Manual Integrations
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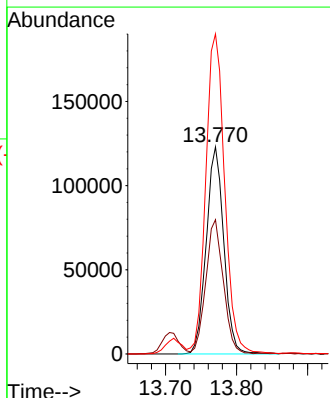
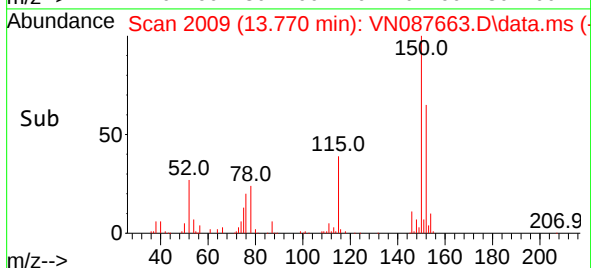
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

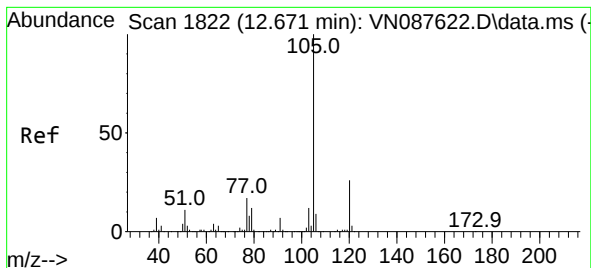


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08



Tgt Ion:152 Resp: 211541
Ion Ratio Lower Upper
152 100
115 63.9 32.3 96.8
150 165.6 0.0 351.0





#73

Isopropylbenzene

Concen: 18.791 ug/l

RT: 12.676 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087663.D

Acq: 25 Aug 2025 17:08

Instrument :

MSVOA_N

ClientSampleId :

VN0825WBSD02

Tgt Ion:105 Resp: 32120

Ion Ratio Lower Upper

105 100

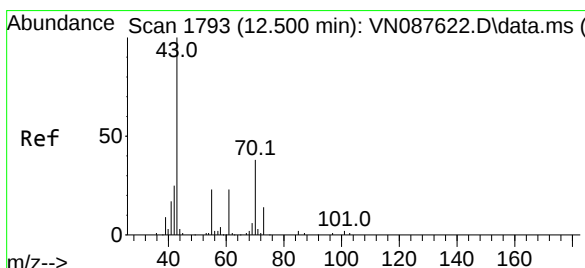
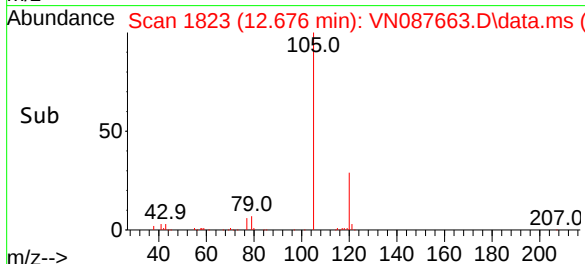
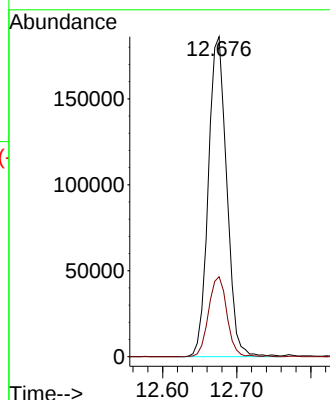
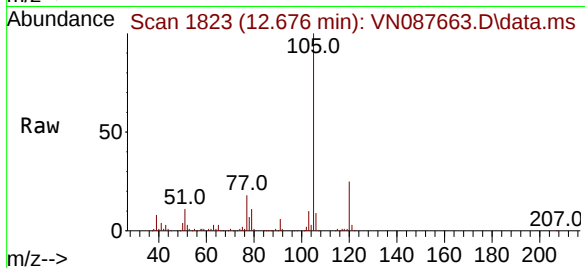
120 24.9 12.8 38.3

Manual Integrations

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Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#74

N-ethyl acetate

Concen: 19.871 ug/l m

RT: 12.523 min Scan# 1797

Delta R.T. 0.023 min

Lab File: VN087663.D

Acq: 25 Aug 2025 17:08

Tgt Ion: 43 Resp: 128725

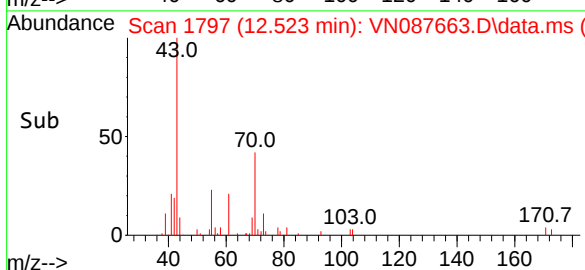
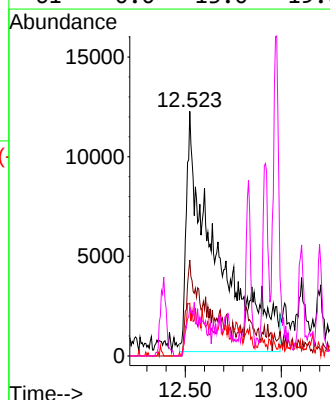
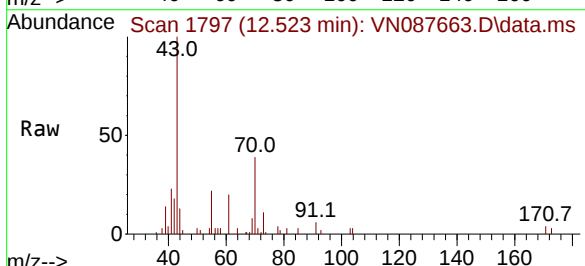
Ion Ratio Lower Upper

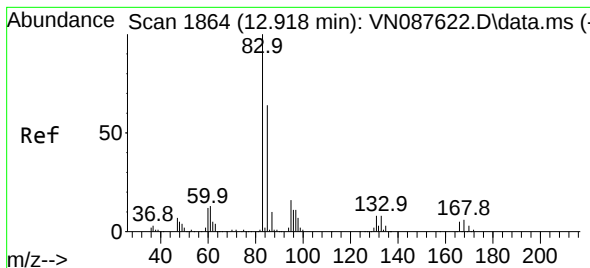
43 100

70 9.1 27.6 41.4#

55 4.9 13.0 19.6#

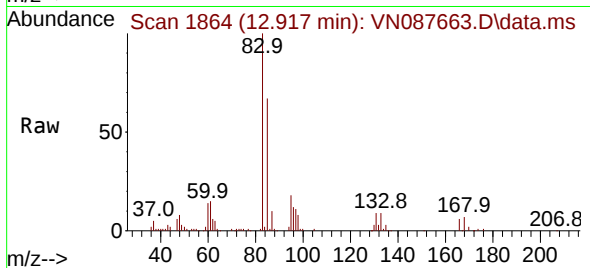
61 0.0 13.0 19.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 20.349 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

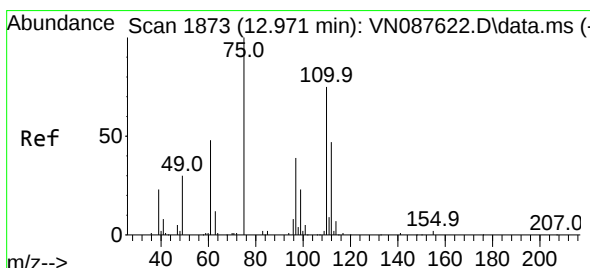
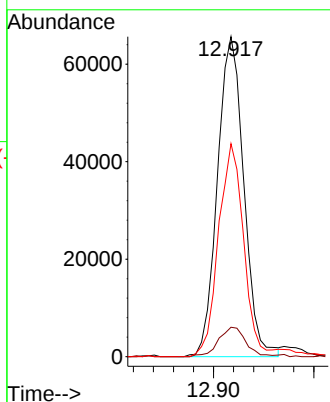
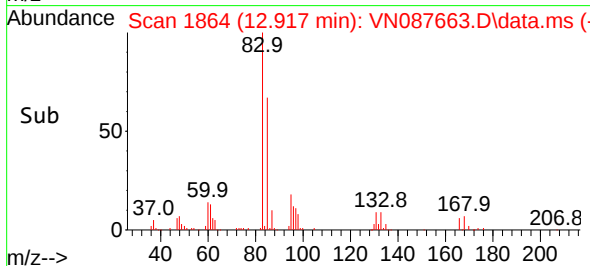
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBSD02



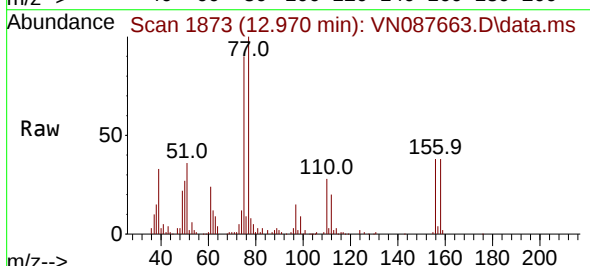
Tgt Ion: 83 Resp: 11975
Ion Ratio Lower Upper
83 100
131 9.7 4.8 14.4
85 63.3 32.1 96.3

Manual Integrations
APPROVED

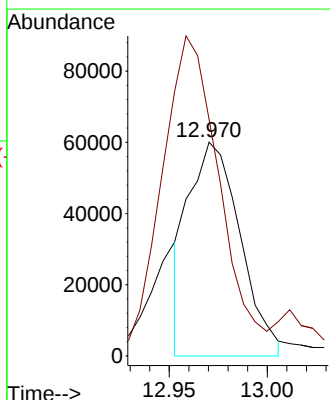
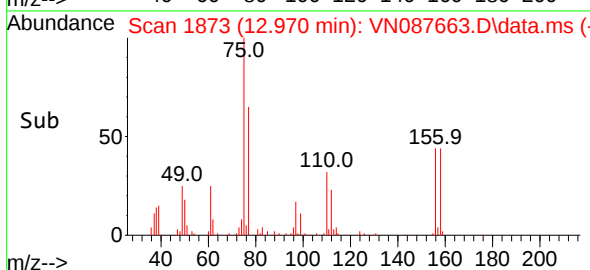
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

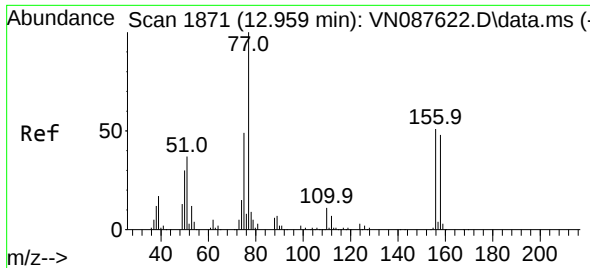


#76
1,2,3-Trichloropropane
Concen: 22.158 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08



Tgt Ion: 75 Resp: 109918
Ion Ratio Lower Upper
75 100
77 168.5 89.1 267.4





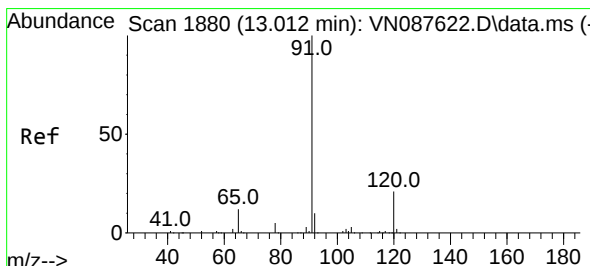
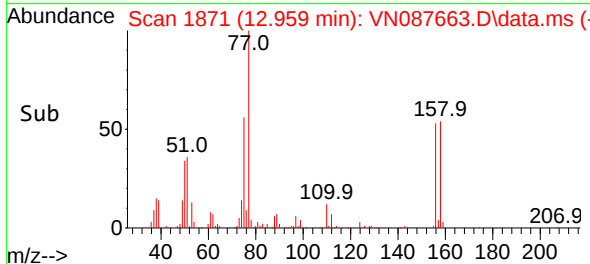
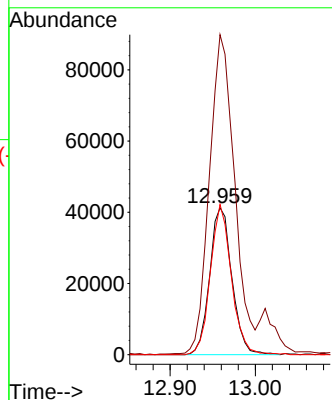
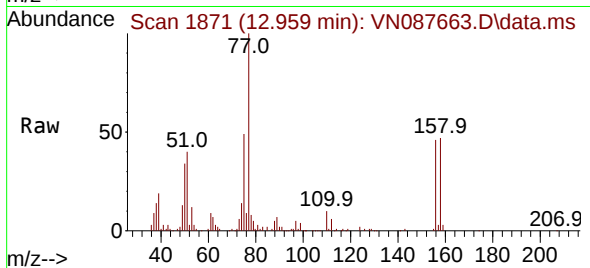
#77
Bromobenzene
Concen: 18.607 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBSD02

Tgt Ion:156 Resp: 7499
Ion Ratio Lower Upper
156 100
77 247.0 119.3 358.0
158 96.8 48.2 144.6

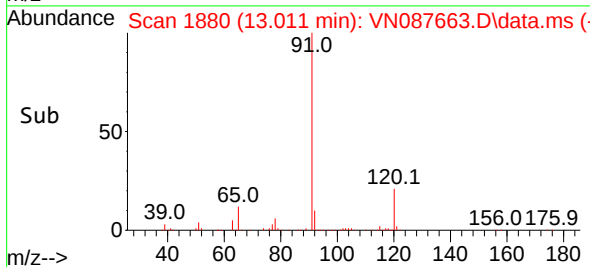
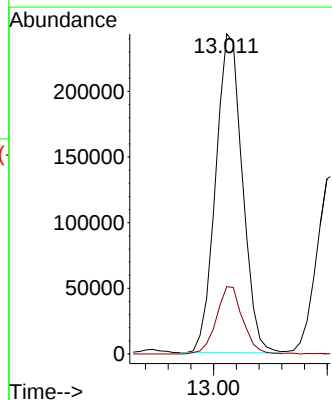
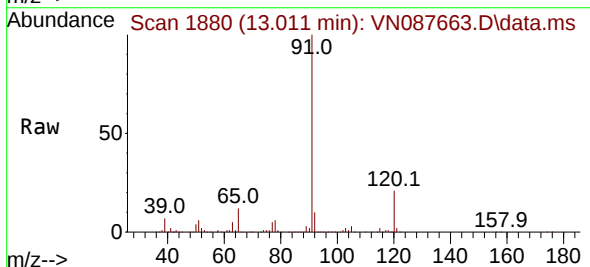
Manual Integrations
APPROVED

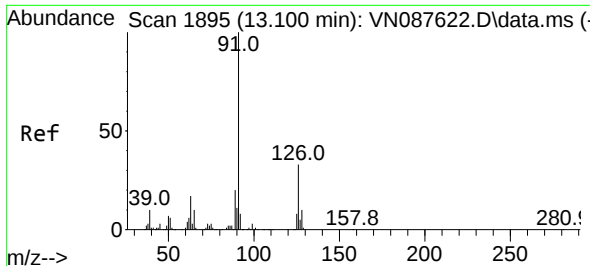
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#78
n-propylbenzene
Concen: 18.884 ug/l
RT: 13.011 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

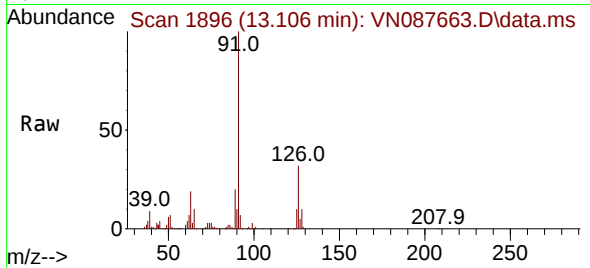
Tgt Ion: 91 Resp: 397621
Ion Ratio Lower Upper
91 100
120 20.8 10.7 32.1





#79
2-Chlorotoluene
Concen: 18.990 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

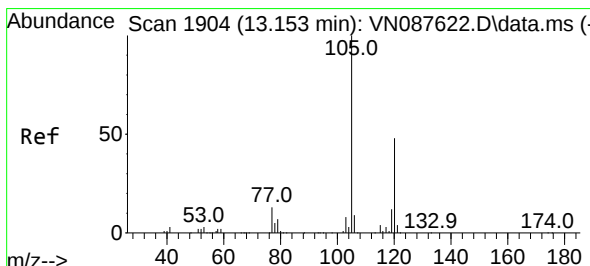
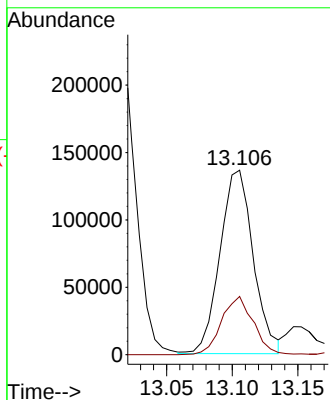
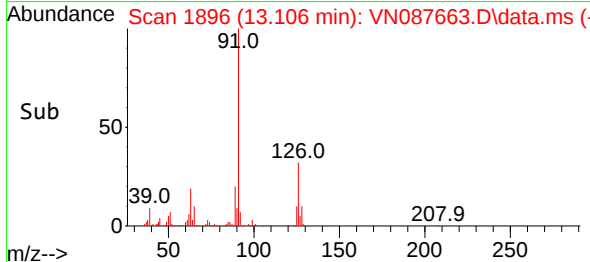
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBSD02



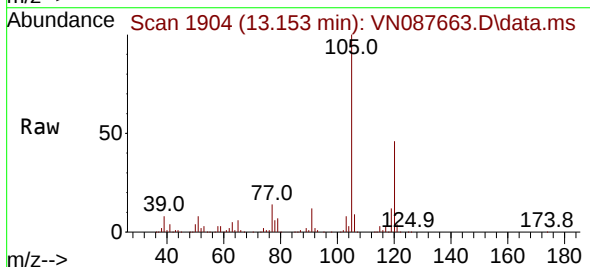
Tgt Ion: 91 Resp: 240620
Ion Ratio Lower Upper
91 100
126 30.4 16.1 48.3

Manual Integrations
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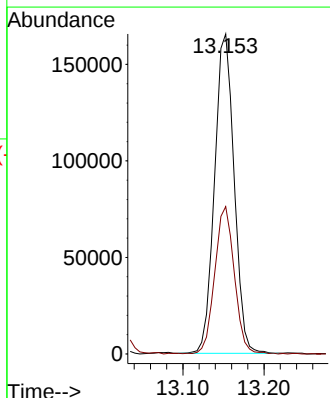
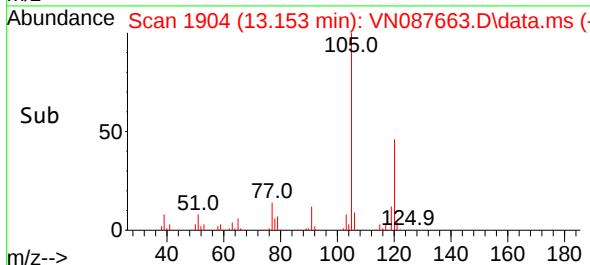
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

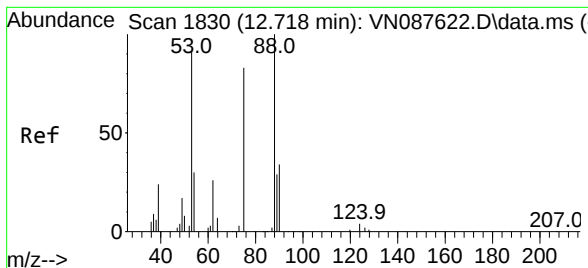


#80
1,3,5-Trimethylbenzene
Concen: 19.087 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08



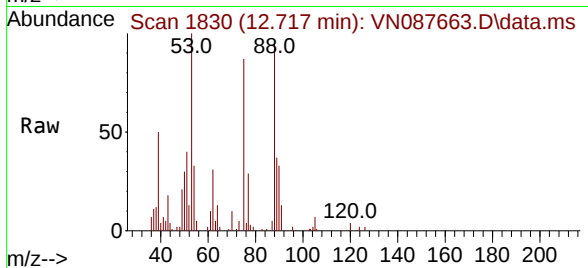
Tgt Ion:105 Resp: 276791
Ion Ratio Lower Upper
105 100
120 46.4 23.2 69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 16.844 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

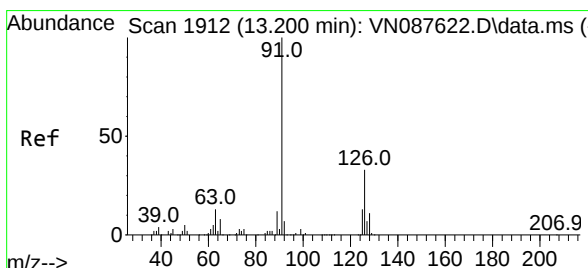
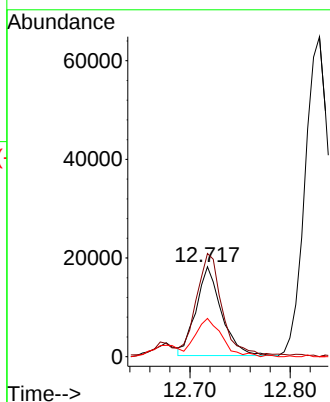
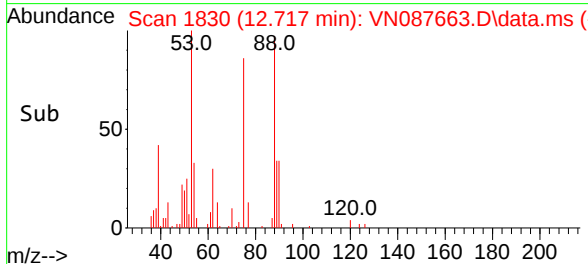
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBSD02



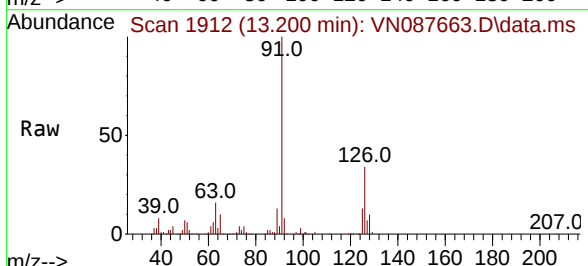
Tgt Ion: 75 Resp: 31562
Ion Ratio Lower Upper
75 100
53 116.4 101.8 152.6
89 45.2 35.6 53.4

Manual Integrations
APPROVED

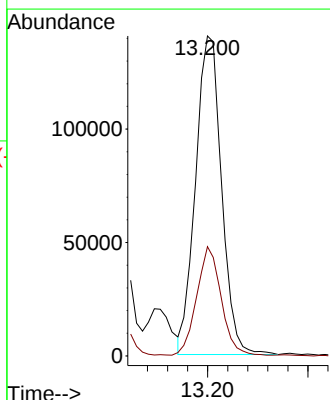
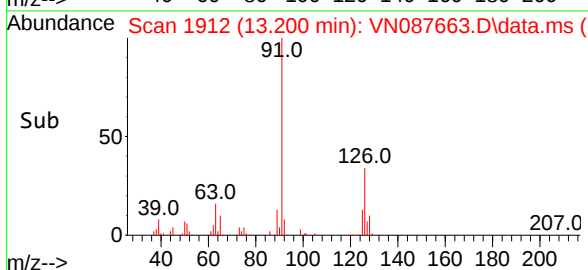
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

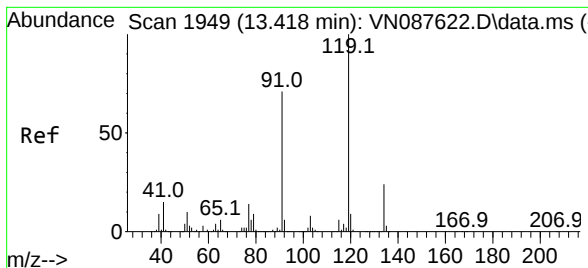


#82
4-Chlorotoluene
Concen: 19.001 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08



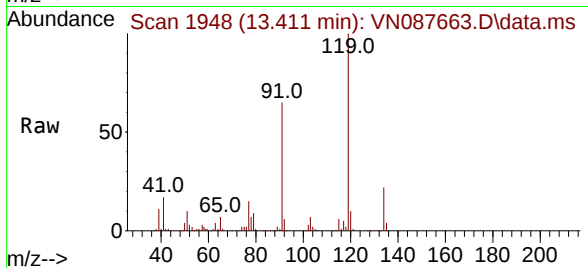
Tgt Ion: 91 Resp: 253129
Ion Ratio Lower Upper
91 100
126 32.0 15.6 46.8





#83
tert-Butylbenzene
Concen: 19.121 ug/l
RT: 13.411 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

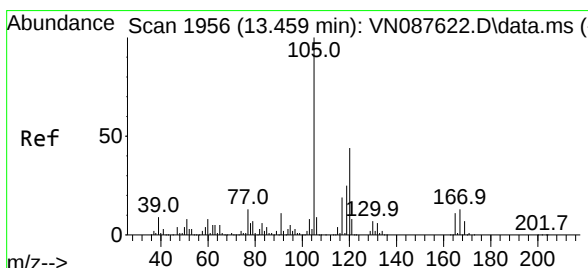
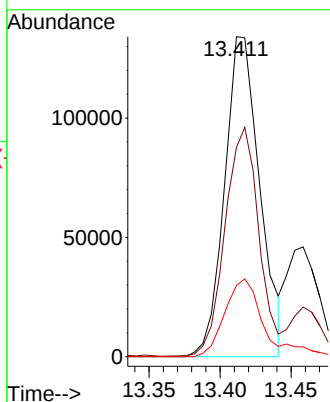
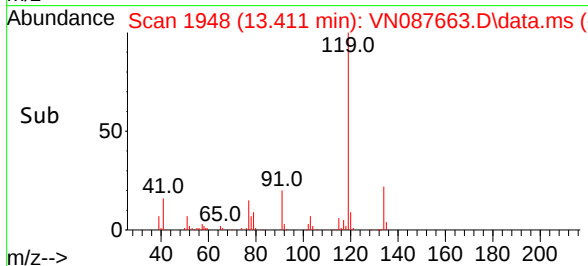
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBSD02



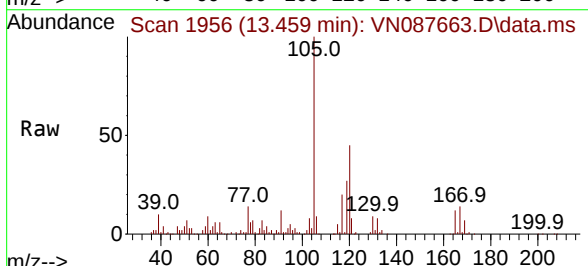
Tgt Ion:119 Resp: 23106
Ion Ratio Lower Upper
119 100
91 68.5 35.0 105.0
134 26.9 12.6 37.8

Manual Integrations
APPROVED

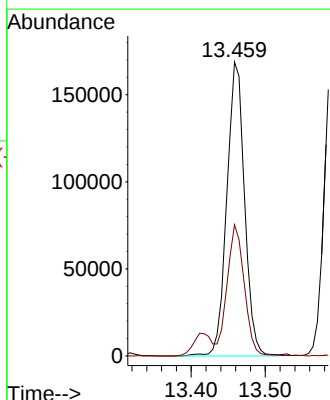
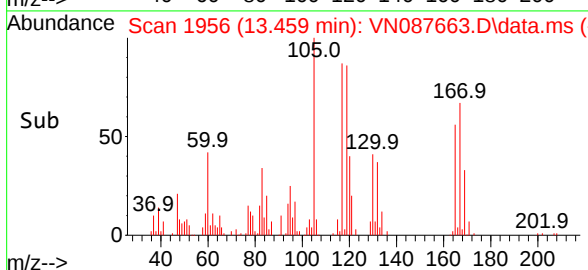
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

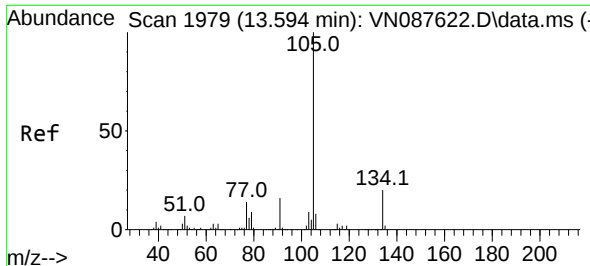


#84
1,2,4-Trimethylbenzene
Concen: 19.336 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08



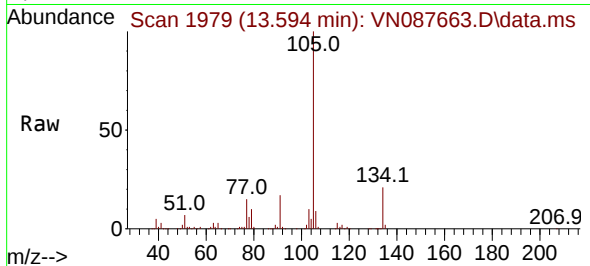
Tgt Ion:105 Resp: 280690
Ion Ratio Lower Upper
105 100
120 42.4 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 19.059 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087663.D
 Acq: 25 Aug 2025 17:08

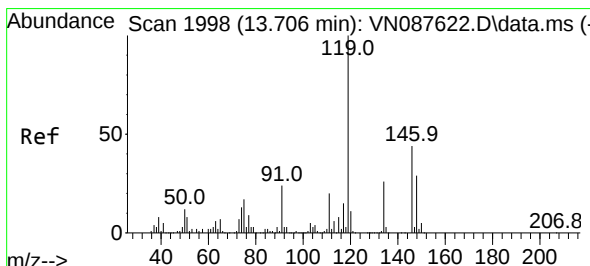
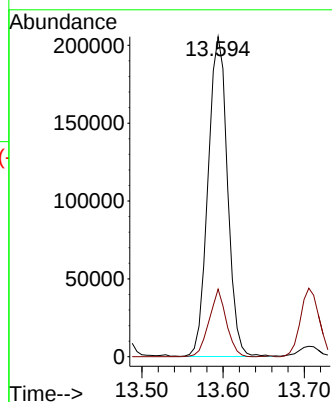
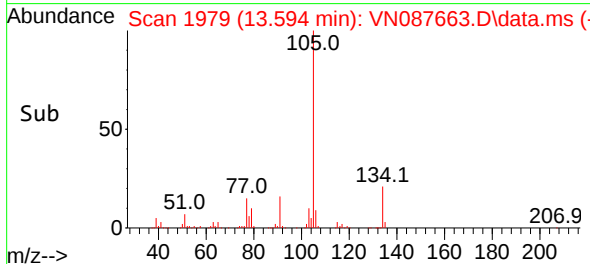
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825WBSD02



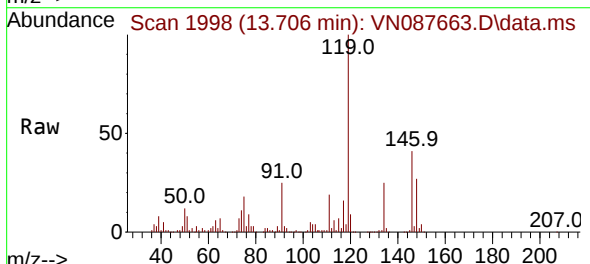
Tgt Ion:105 Resp: 34176
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.6 28.6

Manual Integrations
 APPROVED

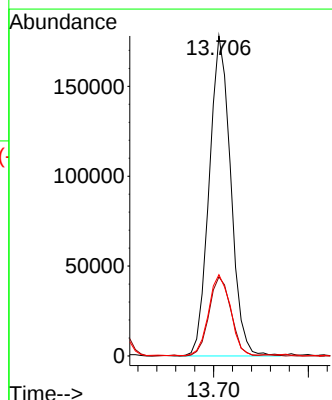
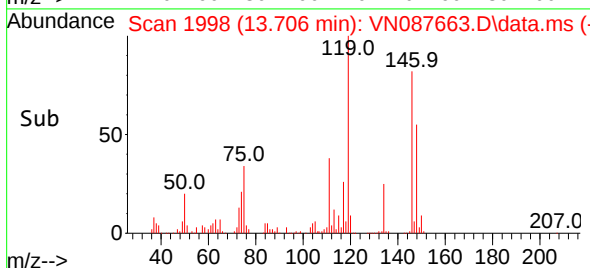
Reviewed By :John Carlone 08/26/2025
 Supervised By :Mahesh Dadoda 08/26/2025

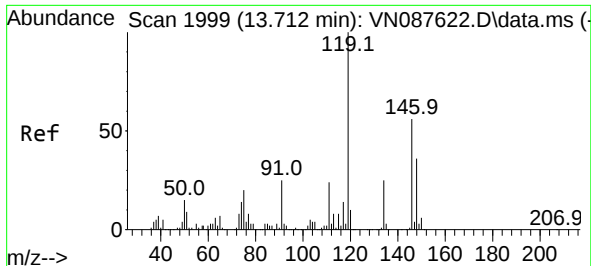


#86
 p-Isopropyltoluene
 Concen: 18.948 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087663.D
 Acq: 25 Aug 2025 17:08



Tgt Ion:119 Resp: 280582
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.7 38.0
 91 25.4 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 18.375 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN087663.D

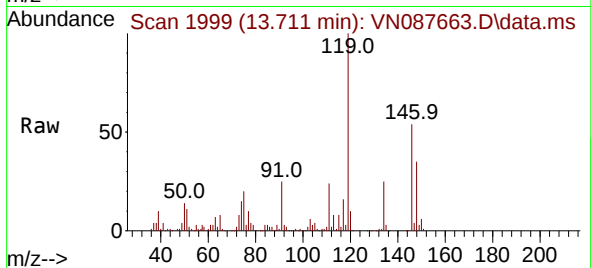
Acq: 25 Aug 2025 17:08

Instrument :

MSVOA_N

ClientSampleId :

VN0825WBSD02



Tgt Ion:146 Resp: 14584

Ion Ratio Lower Upper

146 100

111 44.2 22.1 66.5

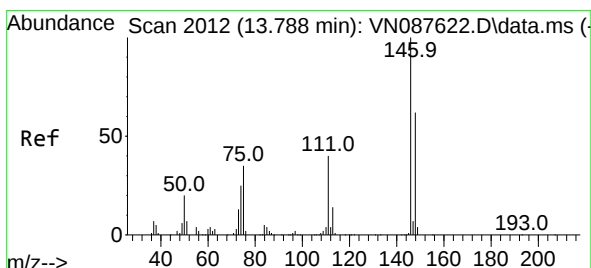
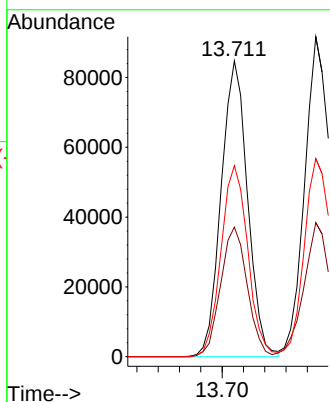
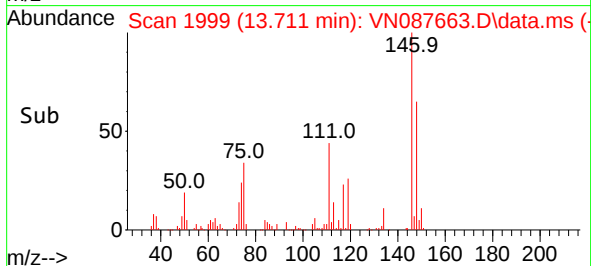
148 65.9 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#88

1,4-Dichlorobenzene

Concen: 18.948 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN087663.D

Acq: 25 Aug 2025 17:08

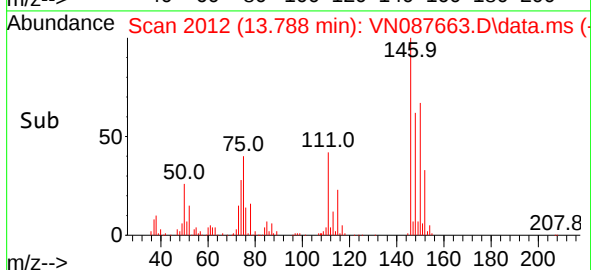
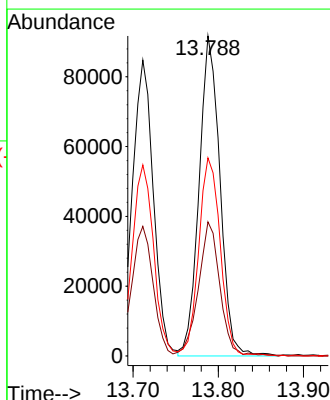
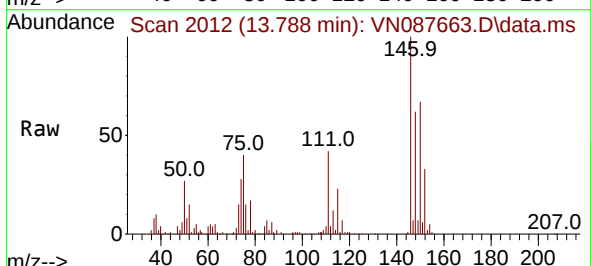
Tgt Ion:146 Resp: 156509

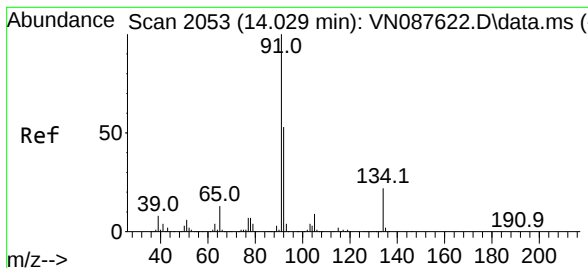
Ion Ratio Lower Upper

146 100

111 43.3 21.0 63.0

148 63.9 32.0 96.0





#89

n-Butylbenzene

Concen: 18.453 ug/l

RT: 14.035 min Scan# 2053

Delta R.T. 0.006 min

Lab File: VN087663.D

Acq: 25 Aug 2025 17:08

Instrument :

MSVOA_N

ClientSampleId :

VN0825WBSD02

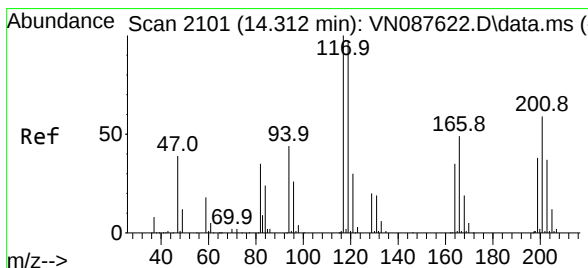
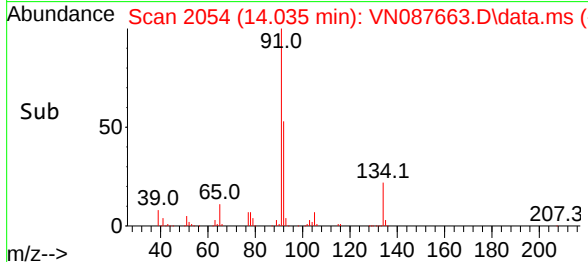
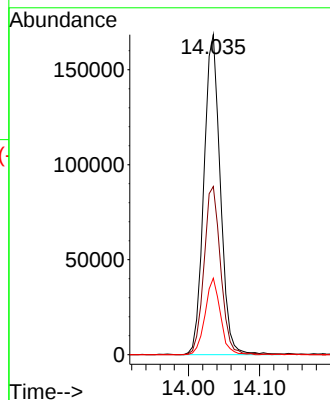
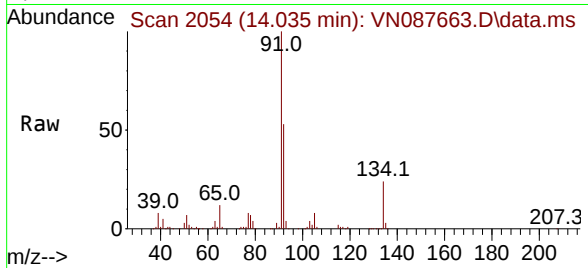
Tgt Ion: 91	Resp: 271384
Ion Ratio	Lower Upper
91	100
92	53.2 25.9 77.8
134	22.4 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#90

Hexachloroethane

Concen: 18.399 ug/l

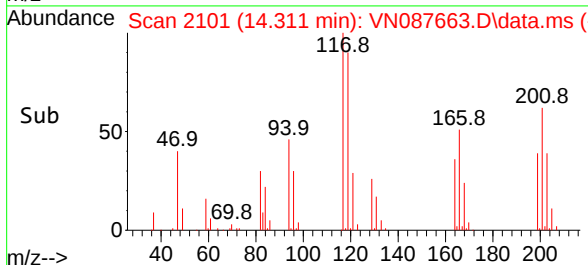
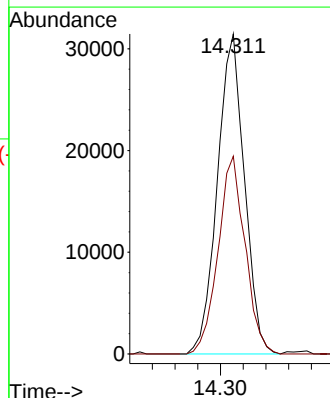
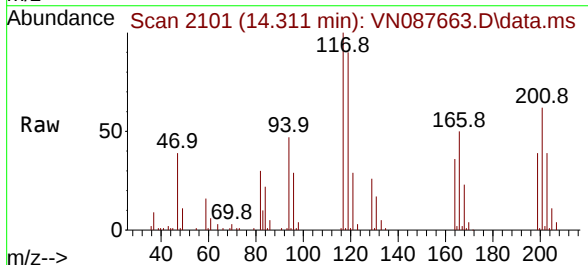
RT: 14.311 min Scan# 2101

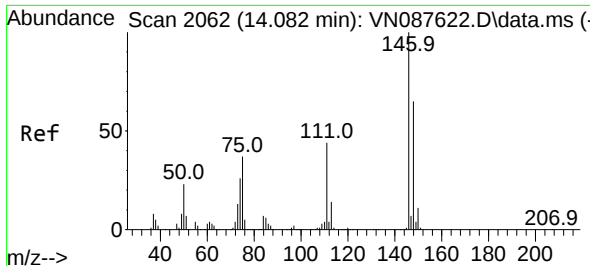
Delta R.T. -0.000 min

Lab File: VN087663.D

Acq: 25 Aug 2025 17:08

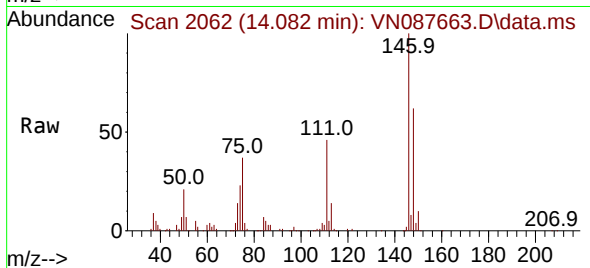
Tgt Ion: 117	Resp: 51905
Ion Ratio	Lower Upper
117	100
201	61.9 29.1 87.4





#91
1,2-Dichlorobenzene
Concen: 19.237 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

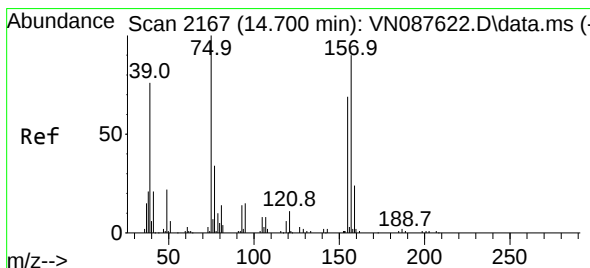
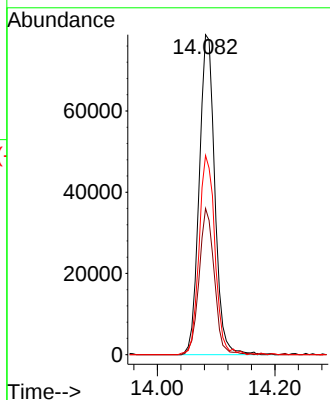
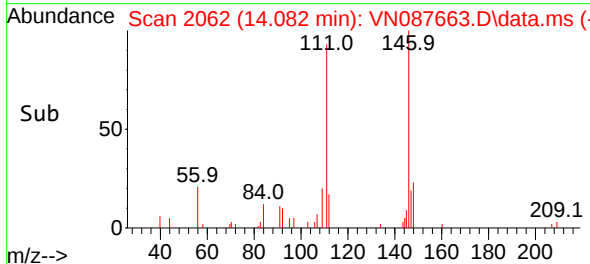
Instrument :
MSVOA_N
ClientSampleId :
VN0825WBSD02



Tgt Ion:146 Resp: 14485
Ion Ratio Lower Upper
146 100
111 44.5 22.6 67.8
148 63.4 31.9 95.9

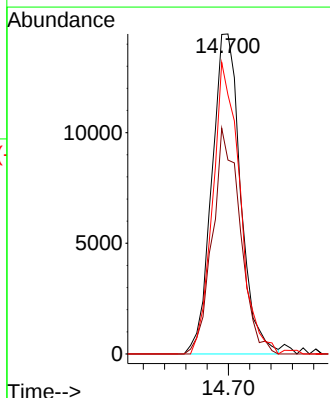
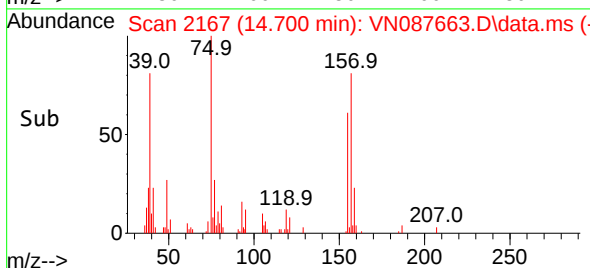
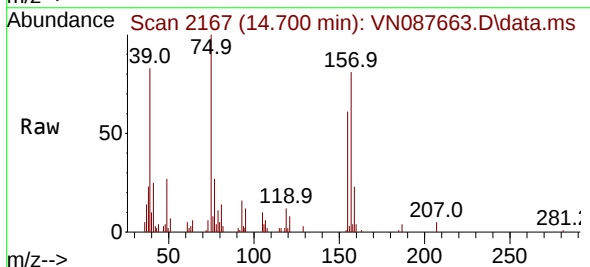
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.355 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN087663.D
Acq: 25 Aug 2025 17:08

Tgt Ion: 75 Resp: 27059
Ion Ratio Lower Upper
75 100
155 68.1 36.6 109.9
157 86.5 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 18.151 ug/l

RT: 15.364 min Scan# 2280

Delta R.T. -0.000 min

Lab File: VN087663.D

Acq: 25 Aug 2025 17:08

Instrument :

MSVOA_N

ClientSampleId :

VN0825WBSD02

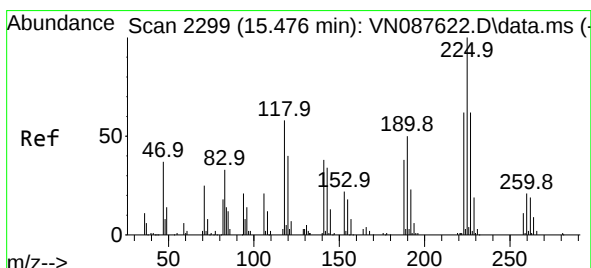
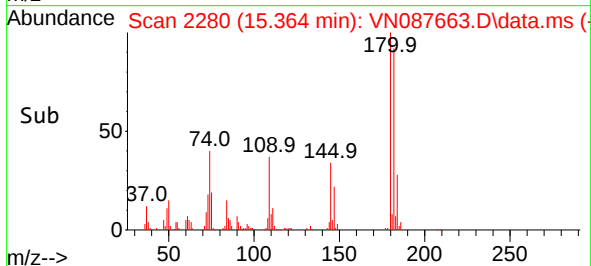
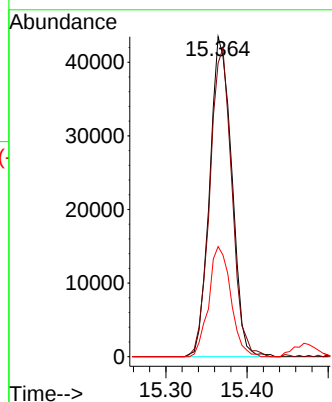
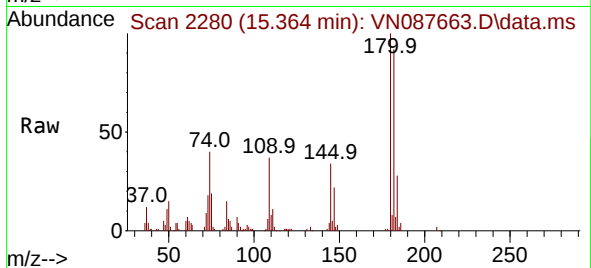
Tgt Ion:	180	Resp:	8207
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.6	142.9
145	34.4	16.5	49.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#94

Hexachlorobutadiene

Concen: 18.265 ug/l

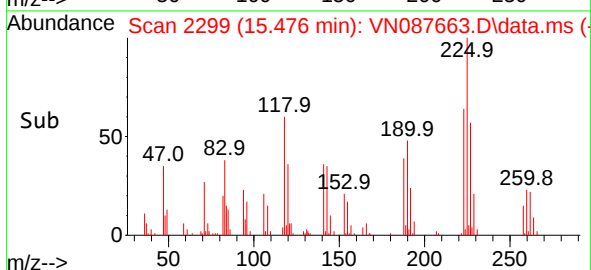
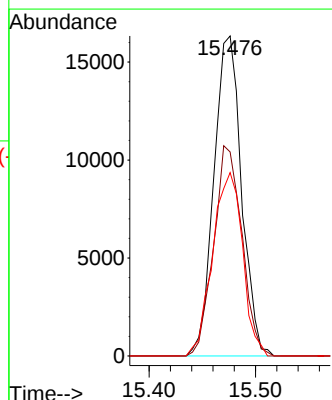
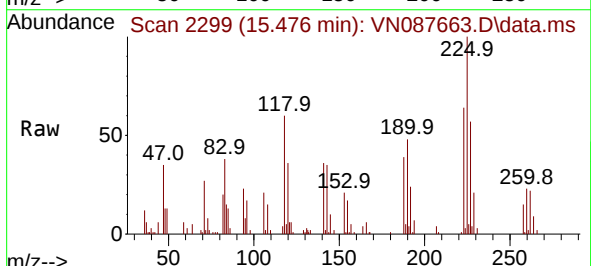
RT: 15.476 min Scan# 2299

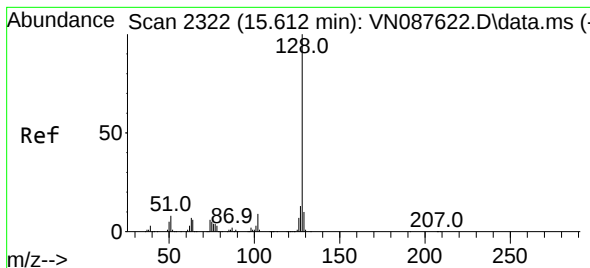
Delta R.T. -0.000 min

Lab File: VN087663.D

Acq: 25 Aug 2025 17:08

Tgt Ion:	225	Resp:	29443
Ion Ratio	Lower	Upper	
225	100		
223	66.9	32.0	96.2
227	62.0	32.1	96.5





#95

Naphthalene

Concen: 19.060 ug/l

RT: 15.611 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VN087663.D

Acq: 25 Aug 2025 17:08

Instrument :

MSVOA_N

ClientSampleId :

VN0825WBSD02

Tgt Ion:128 Resp: 30526

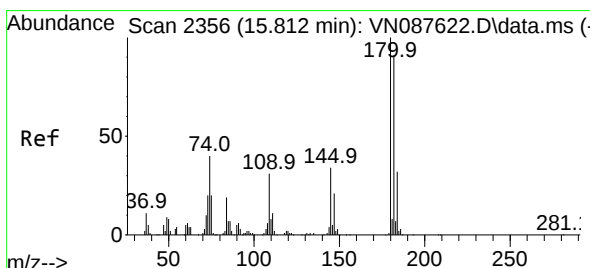
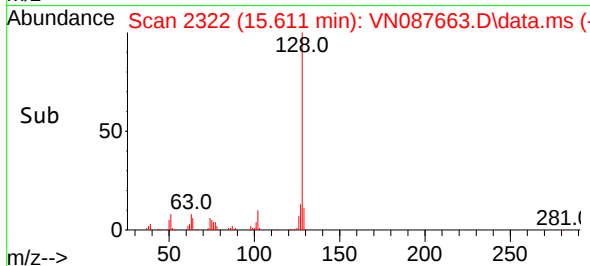
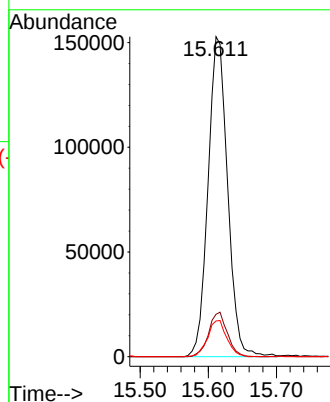
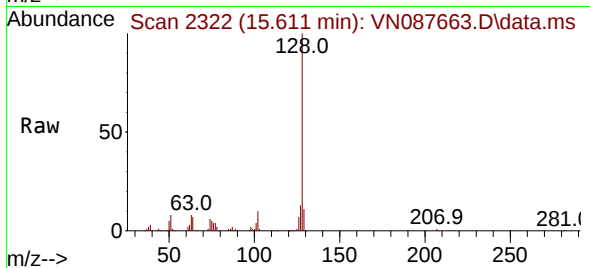
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.1	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#96

1,2,3-Trichlorobenzene

Concen: 18.084 ug/l

RT: 15.817 min Scan# 2357

Delta R.T. 0.006 min

Lab File: VN087663.D

Acq: 25 Aug 2025 17:08

Tgt Ion:180 Resp: 79938

Ion	Ratio	Lower	Upper
180	100		
182	96.6	46.8	140.3
145	36.1	17.3	52.0

