

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092925\
 Data File : VN087982.D
 Acq On : 29 Sep 2025 15:07
 Operator : JC\MD
 Sample : VN0929WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBSD01

Quant Time: Sep 30 03:55:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/30/2025
 Supervised By : Mahesh Dadoda 10/03/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	232065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	432175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	412773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	223894	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	218145	55.856	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.720%			
35) Dibromofluoromethane	8.153	113	167982	53.534	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.060%			
50) Toluene-d8	10.547	98	589007	53.379	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.760%			
62) 4-Bromofluorobenzene	12.829	95	209511	53.118	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	50245	18.696	ug/l	93
3) Chloromethane	2.383	50	53908	19.590	ug/l	94
4) Vinyl Chloride	2.542	62	55137	19.640	ug/l	96
5) Bromomethane	2.983	94	35433	20.358	ug/l	82
6) Chloroethane	3.142	64	37362	20.468	ug/l	93
7) Trichlorofluoromethane	3.512	101	91541	20.027	ug/l	89
8) Diethyl Ether	3.959	74	33721	19.527	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	49277	20.397	ug/l	99
10) Methyl Iodide	4.577	142	46870	21.556	ug/l	93
11) Tert butyl alcohol	5.530	59	55843	99.272	ug/l	100
12) 1,1-Dichloroethene	4.336	96	50442	20.693	ug/l	95
13) Acrolein	4.177	56	62265	86.266	ug/l	95
14) Allyl chloride	5.012	41	74312	18.725	ug/l	98
15) Acrylonitrile	5.706	53	177478	100.583	ug/l	99
16) Acetone	4.424	43	153564	95.566	ug/l	96
17) Carbon Disulfide	4.706	76	135720	17.820	ug/l	99
18) Methyl Acetate	5.018	43	93126	23.157	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	185058	19.434	ug/l	98
20) Methylene Chloride	5.271	84	64910	19.957	ug/l	98
21) trans-1,2-Dichloroethene	5.771	96	56299	18.840	ug/l	92
22) Diisopropyl ether	6.665	45	189100	20.412	ug/l	93
23) Vinyl Acetate	6.594	43	752327	96.447	ug/l	100
24) 1,1-Dichloroethane	6.553	63	109902	20.305	ug/l	98
25) 2-Butanone	7.471	43	253328	103.144	ug/l	98
26) 2,2-Dichloropropane	7.471	77	92525	19.241	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	70105	19.716	ug/l	99
28) Bromochloromethane	7.800	49	55772	18.966	ug/l	95
29) Tetrahydrofuran	7.824	42	163950	104.251	ug/l	98
30) Chloroform	7.947	83	122373	20.678	ug/l	99
31) Cyclohexane	8.235	56	89376	20.408	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	98072	19.612	ug/l	97
36) 1,1-Dichloropropene	8.359	75	74416	19.723	ug/l	99
37) Ethyl Acetate	7.553	43	98693	19.919	ug/l	99
38) Carbon Tetrachloride	8.347	117	84127	19.431	ug/l	92
39) Methylcyclohexane	9.582	83	76315	18.335	ug/l	92
40) Benzene	8.588	78	246133	19.702	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	53159	20.761	ug/l	98
42) 1,2-Dichloroethane	8.659	62	91196	19.561	ug/l	99
43) Isopropyl Acetate	8.671	43	153207	19.645	ug/l	99
44) Trichloroethene	9.335	130	55725	18.674	ug/l	79
45) 1,2-Dichloropropane	9.606	63	62347	19.903	ug/l	98
46) Dibromomethane	9.688	93	48849	19.762	ug/l	96
47) Bromodichloromethane	9.871	83	94776	19.549	ug/l	93
48) Methyl methacrylate	9.665	41	68945	19.090	ug/l	95
49) 1,4-Dioxane	9.677	88	21619	405.193	ug/l	97
51) 4-Methyl-2-Pentanone	10.424	43	508873	104.566	ug/l	98
52) Toluene	10.612	92	155964	19.894	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	90604	18.260	ug/l	96
54) cis-1,3-Dichloropropene	10.294	75	98843	19.180	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	63590	19.949	ug/l	99
56) Ethyl methacrylate	10.859	69	84694	18.388	ug/l	96
57) 1,3-Dichloropropane	11.147	76	103995	19.835	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	241467	111.501	ug/l	98
59) 2-Hexanone	11.182	43	339010	105.353	ug/l	96
60) Dibromochloromethane	11.341	129	73923	19.724	ug/l	97
61) 1,2-Dibromoethane	11.447	107	67510	20.006	ug/l	95
64) Tetrachloroethene	11.082	164	44754	17.799	ug/l	89
65) Chlorobenzene	11.871	112	172194	19.603	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.941	131	61489	19.411	ug/l	98
67) Ethyl Benzene	11.941	91	276391	18.857	ug/l	99
68) m/p-Xylenes	12.053	106	212293	37.871	ug/l	97
69) o-Xylene	12.376	106	97554	18.113	ug/l	95
70) Styrene	12.388	104	171726	18.566	ug/l	99
71) Bromoform	12.559	173	48060	18.701	ug/l #	96
73) Isopropylbenzene	12.676	105	262856	18.943	ug/l	99
74) N-amyl acetate	12.529	43	88142m	19.278	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	105770	21.155	ug/l	97
76) 1,2,3-Trichloropropane	12.970	75	81878m	18.552	ug/l	
77) Bromobenzene	12.959	156	71090	19.255	ug/l	97
78) n-propylbenzene	13.012	91	327469	18.875	ug/l	99
79) 2-Chlorotoluene	13.100	91	201285	19.054	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	230467	19.201	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.723	75	26634	16.758	ug/l	91
82) 4-Chlorotoluene	13.200	91	207433	19.488	ug/l	99
83) tert-Butylbenzene	13.417	119	189784	18.681	ug/l	95
84) 1,2,4-Trimethylbenzene	13.459	105	230833	18.750	ug/l	98
85) sec-Butylbenzene	13.594	105	283025	19.001	ug/l	98
86) p-Isopropyltoluene	13.706	119	230764	18.292	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	139118	19.309	ug/l	97
88) 1,4-Dichlorobenzene	13.788	146	139311	18.815	ug/l	98
89) n-Butylbenzene	14.035	91	225535	18.917	ug/l	98
90) Hexachloroethane	14.312	117	51107	19.394	ug/l	95
91) 1,2-Dichlorobenzene	14.082	146	134048	19.302	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	22215	19.123	ug/l	97
93) 1,2,4-Trichlorobenzene	15.364	180	76772	18.723	ug/l	97
94) Hexachlorobutadiene	15.476	225	30678	20.327	ug/l	93
95) Naphthalene	15.617	128	239189	18.172	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	74553	18.702	ug/l	98

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

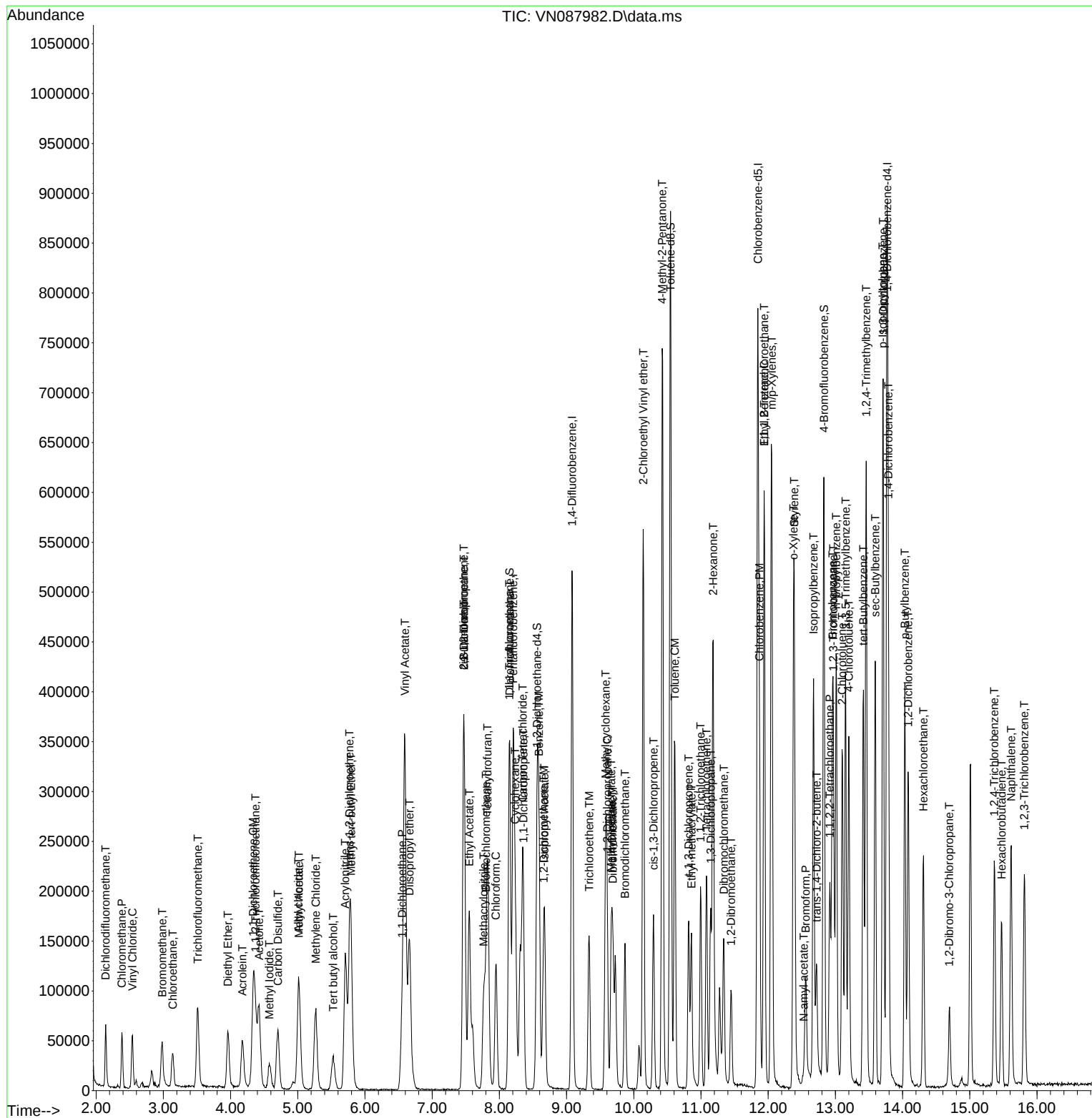
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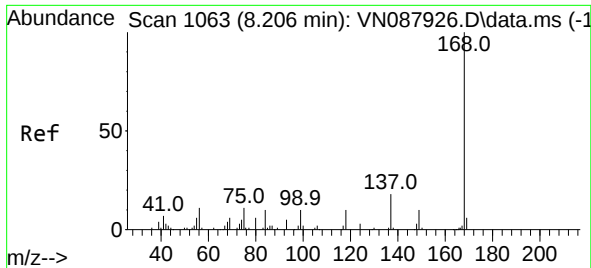
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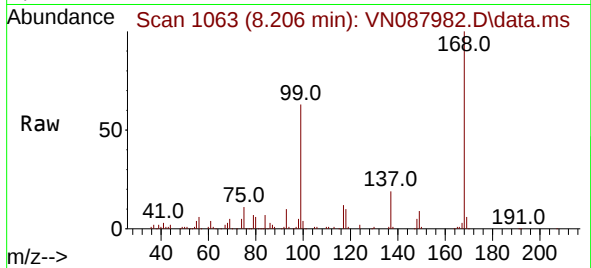
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

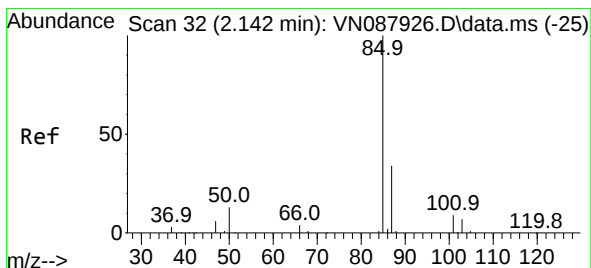
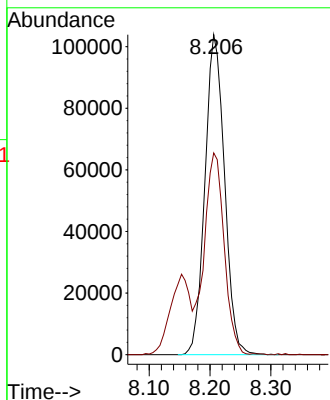
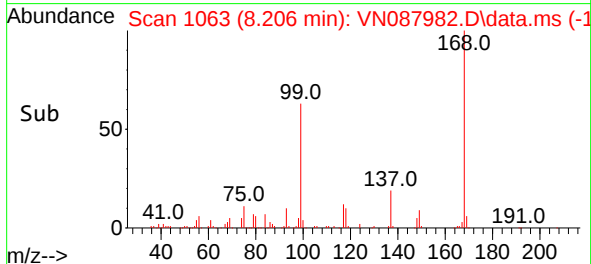
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ClientSampleId :
VN0929WBSD01



Tgt Ion:168 Resp: 23206
Ion Ratio Lower Upper
168 100
99 62.7 52.2 78.2

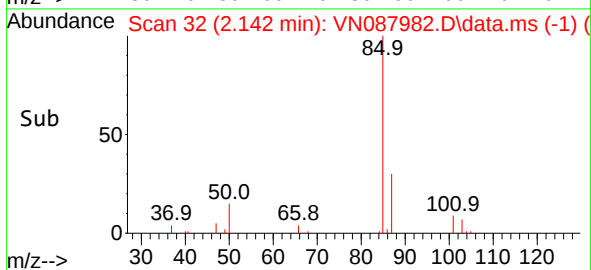
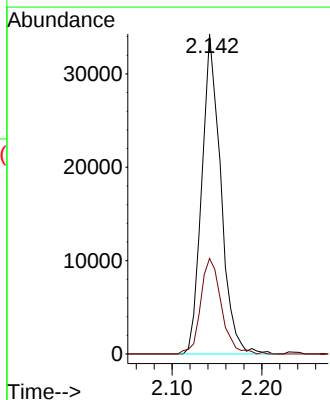
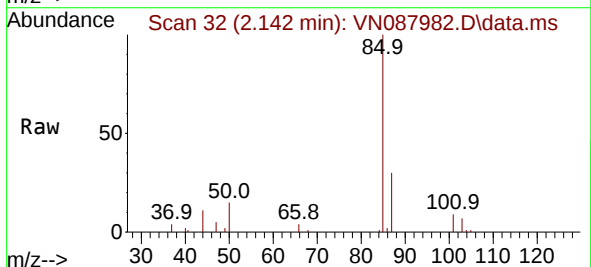
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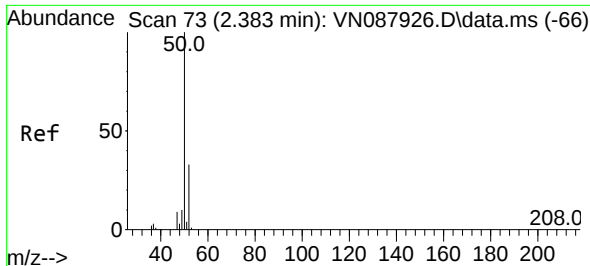
Reviewed By :John Carlone 09/30/2025
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#2
Dichlorodifluoromethane
Concen: 18.696 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

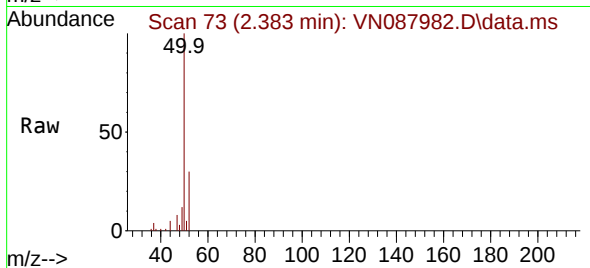
Tgt Ion: 85 Resp: 50245
Ion Ratio Lower Upper
85 100
87 29.9 16.9 50.6





#3
Chloromethane
Concen: 19.590 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

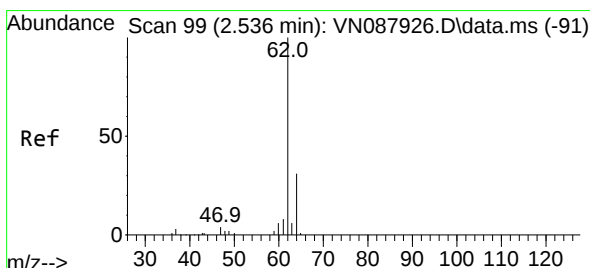
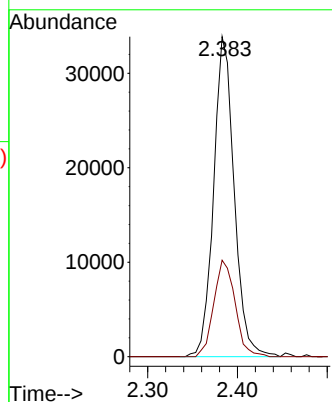
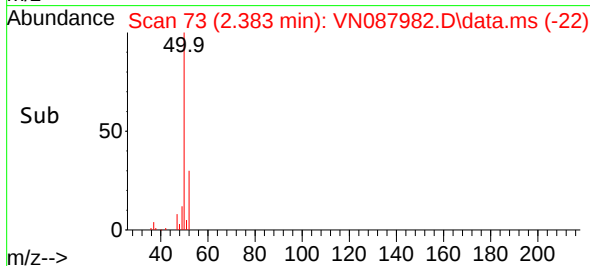
Instrument :
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Tgt Ion: 50 Resp: 53908
Ion Ratio Lower Upper
50 100
52 30.1 26.6 40.0

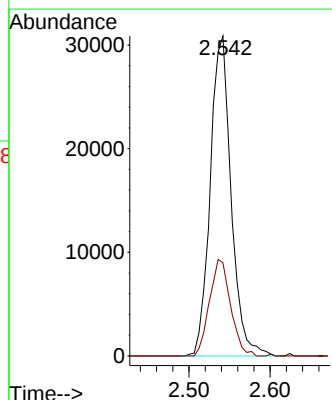
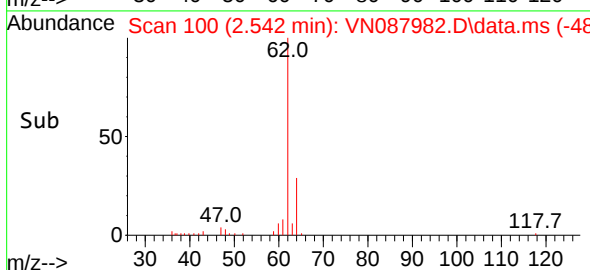
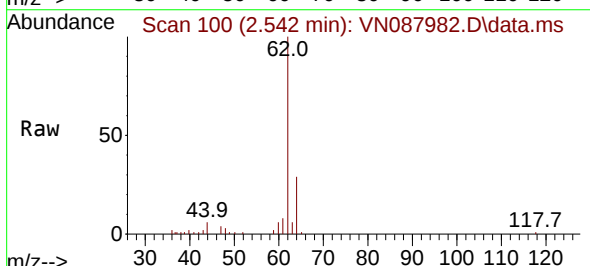
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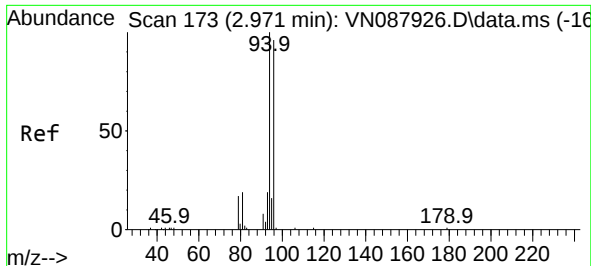
Reviewed By :John Carlone 09/30/2025
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#4
Vinyl Chloride
Concen: 19.640 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

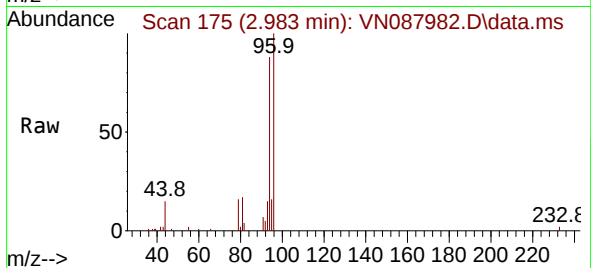
Tgt Ion: 62 Resp: 55137
Ion Ratio Lower Upper
62 100
64 29.1 25.2 37.8





#5
Bromomethane
Concen: 20.358 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

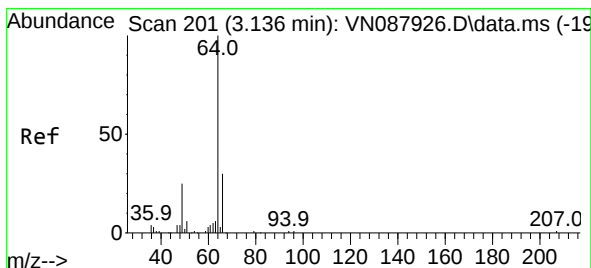
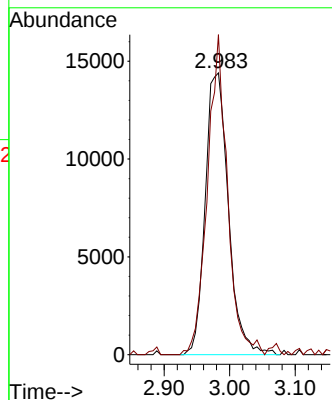
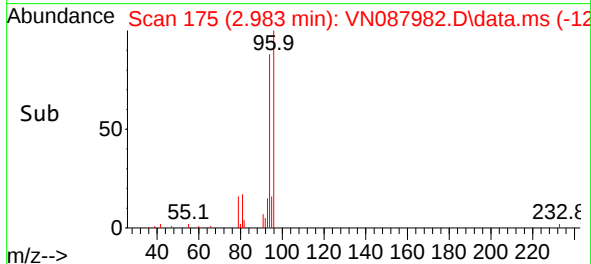
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Tgt Ion: 94 Resp: 3543
Ion Ratio Lower Upper
94 100
96 113.6 76.8 115.2

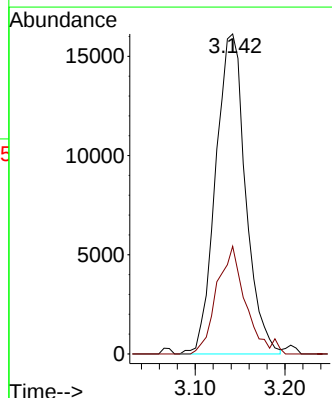
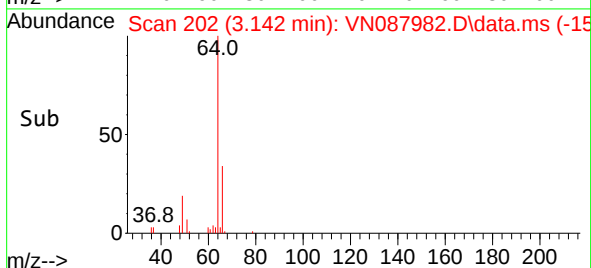
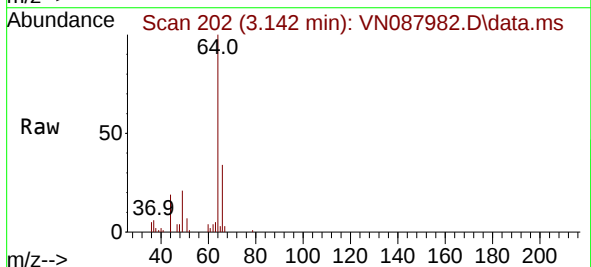
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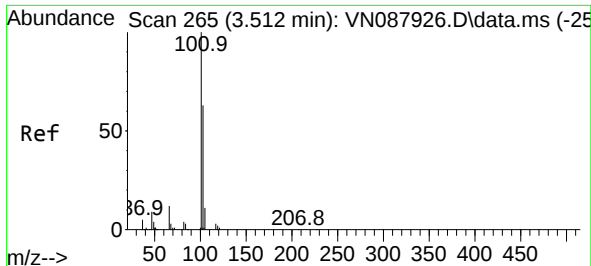
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#6
Chloroethane
Concen: 20.468 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion: 64 Resp: 37362
Ion Ratio Lower Upper
64 100
66 33.6 23.8 35.8





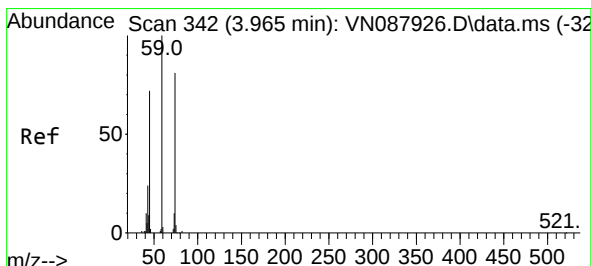
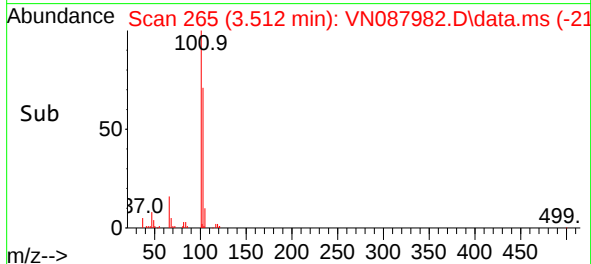
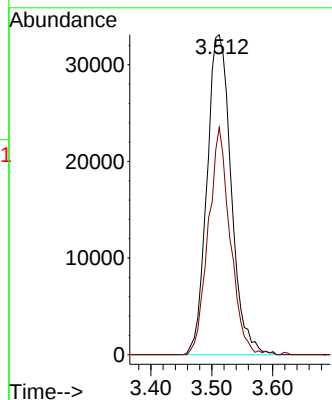
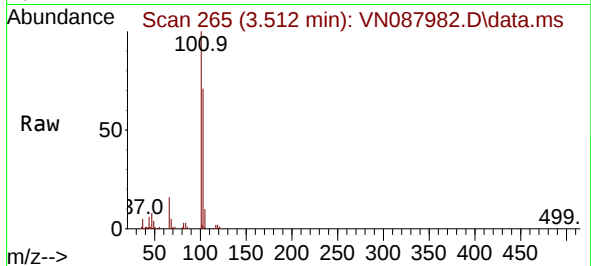
#7
 Trichlorofluoromethane
 Concen: 20.027 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087982.D
 Acq: 29 Sep 2025 15:07

Instrument :
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Tgt Ion:101 Resp: 9154
 Ion Ratio Lower Upper
 101 100
 103 71.1 50.2 75.4

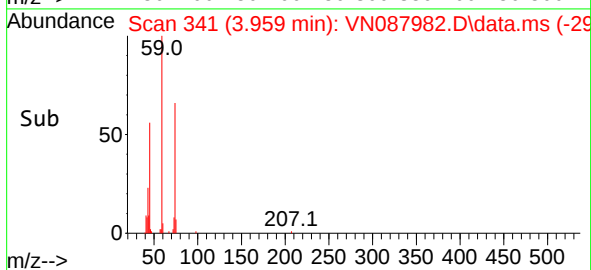
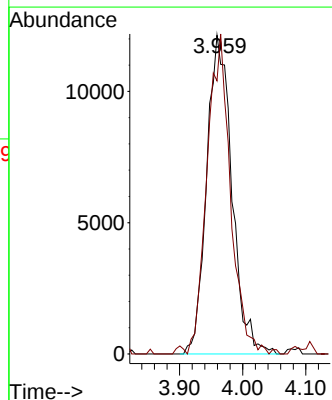
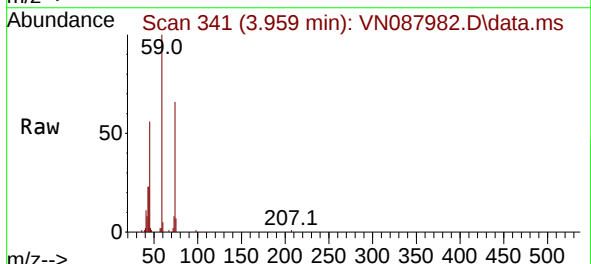
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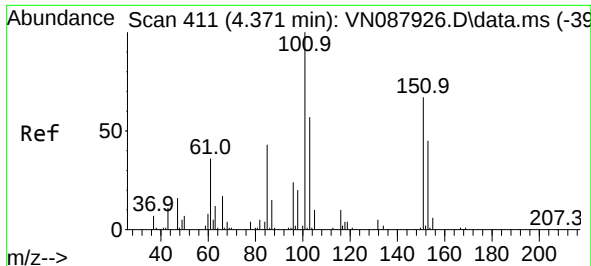
Reviewed By :John Carlone 09/30/2025
 Supervised By :Mahesh Dadoda 10/03/2025



#8
 Diethyl Ether
 Concen: 19.527 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN087982.D
 Acq: 29 Sep 2025 15:07

Tgt Ion: 74 Resp: 33721
 Ion Ratio Lower Upper
 74 100
 45 93.0 45.4 136.1





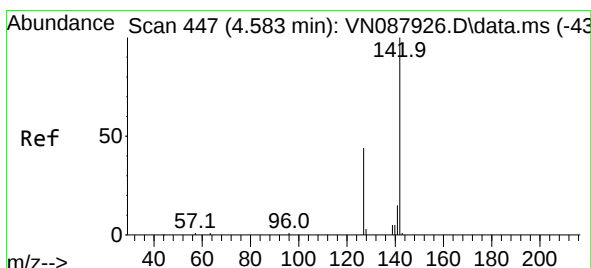
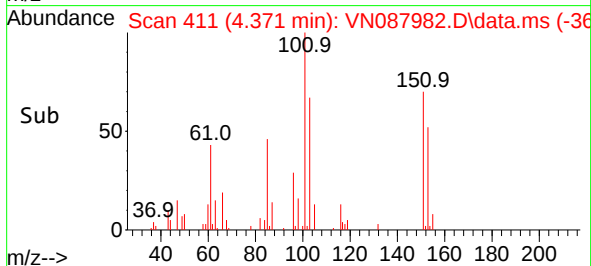
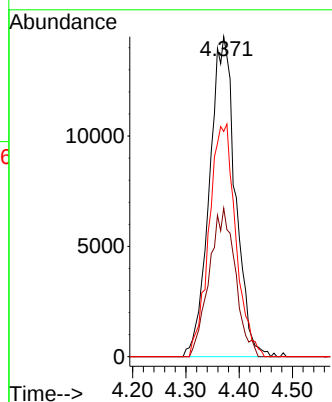
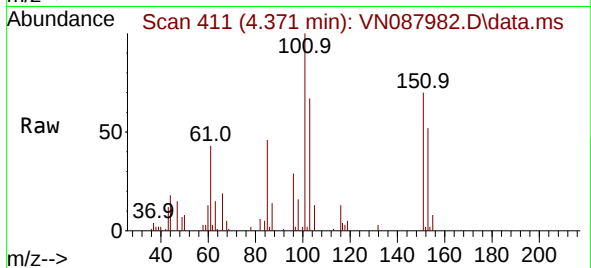
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.397 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

Tgt Ion:101 Resp: 4927
Ion Ratio Lower Upper
101 100
85 46.4 36.5 54.7
151 74.0 58.6 87.8

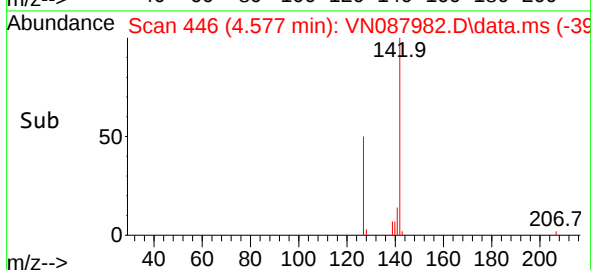
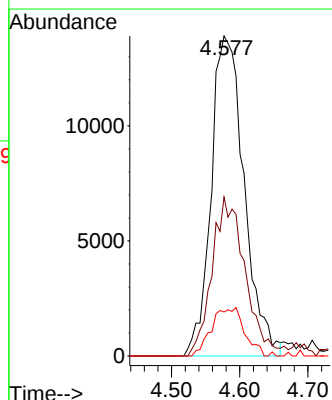
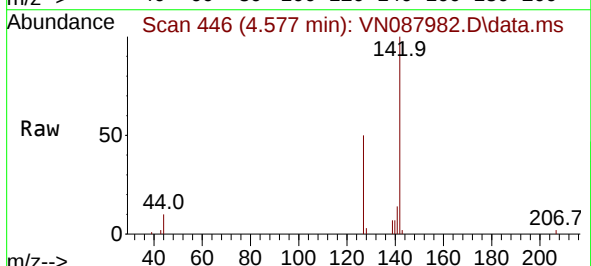
Manual Integrations
APPROVED

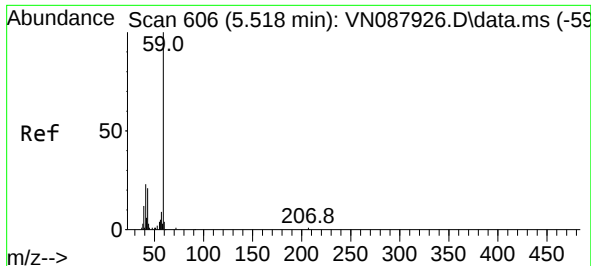
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#10
Methyl Iodide
Concen: 21.556 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion:142 Resp: 46870
Ion Ratio Lower Upper
142 100
127 49.6 35.3 52.9
141 13.8 11.8 17.8





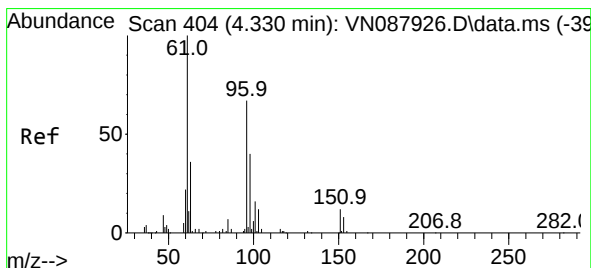
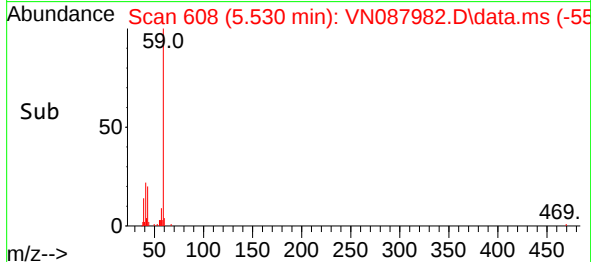
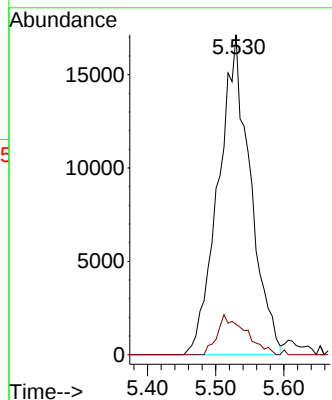
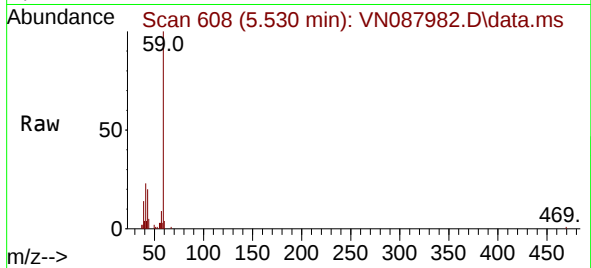
#11
Tert butyl alcohol
Concen: 99.272 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

Tgt Ion: 59 Resp: 5584
Ion Ratio Lower Upper
59 100
57 11.0 8.8 13.2

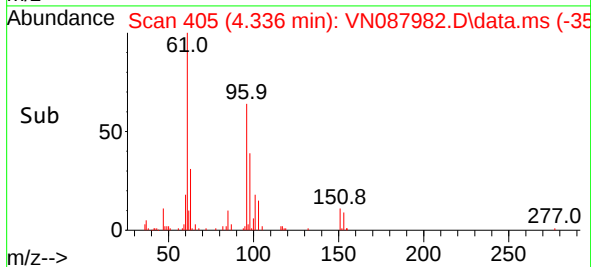
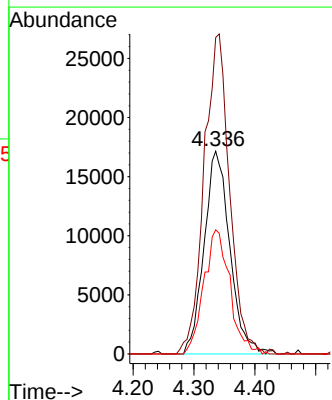
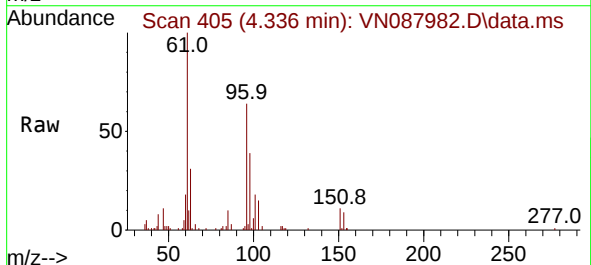
Manual Integrations
APPROVED

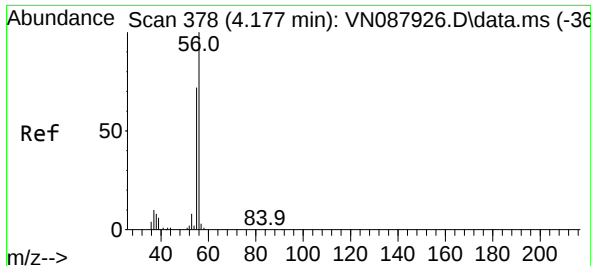
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#12
1,1-Dichloroethene
Concen: 20.693 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion: 96 Resp: 50442
Ion Ratio Lower Upper
96 100
61 156.1 119.2 178.8
98 61.3 47.5 71.3





#13

Acrolein

Concen: 86.266 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBSD01

Tgt Ion: 56 Resp: 6226

Ion Ratio Lower Upper

56 100

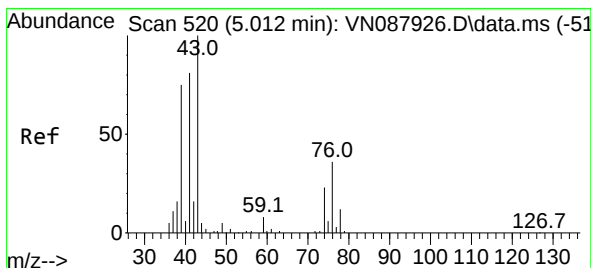
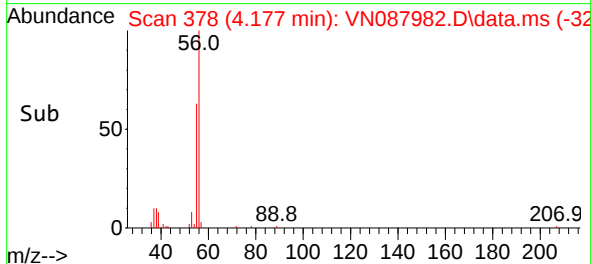
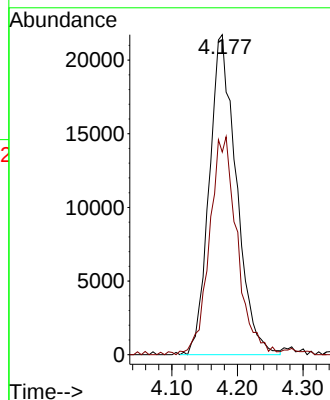
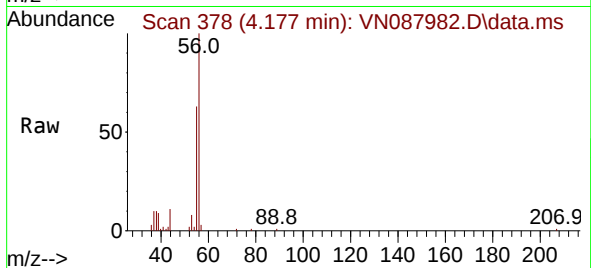
55 69.6 59.3 88.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#14

Allyl chloride

Concen: 18.725 ug/l

RT: 5.012 min Scan# 520

Delta R.T. 0.000 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

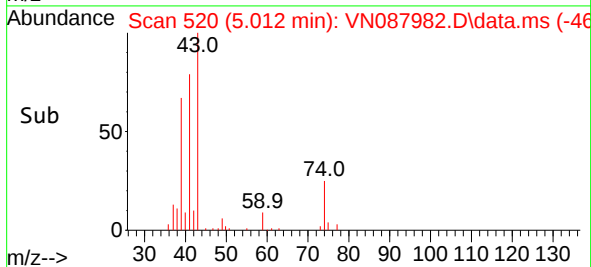
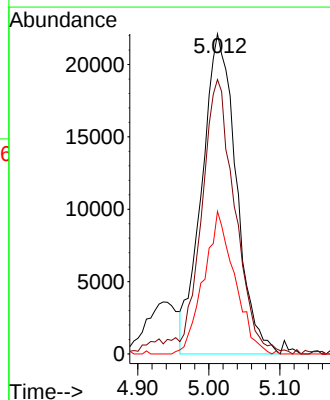
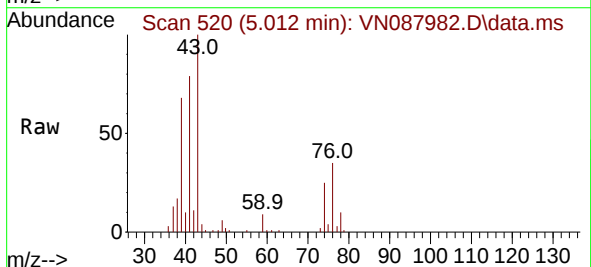
Tgt Ion: 41 Resp: 74312

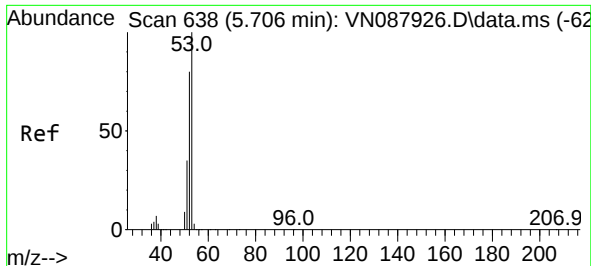
Ion Ratio Lower Upper

41 100

39 82.3 63.8 95.8

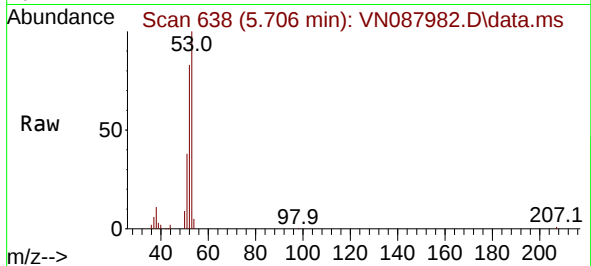
76 40.2 33.0 49.6





#15
Acrylonitrile
Concen: 100.583 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

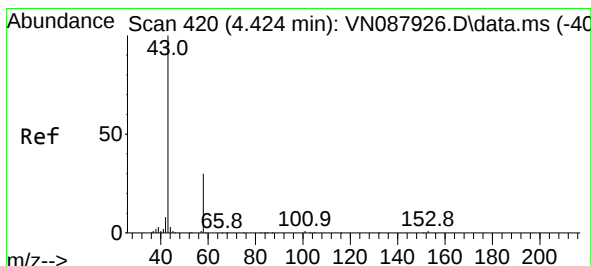
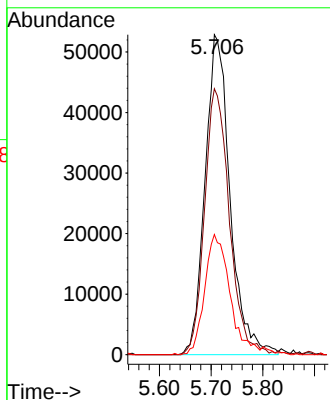
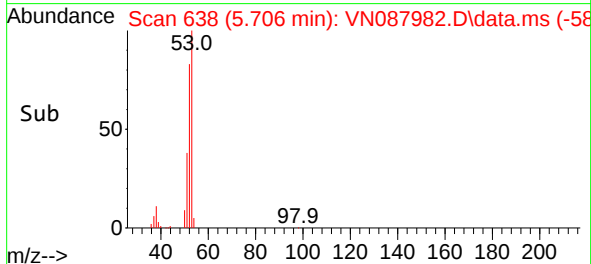
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01



Tgt Ion: 53 Resp: 177478
Ion Ratio Lower Upper
53 100
52 82.7 66.6 99.8
51 37.8 29.0 43.4

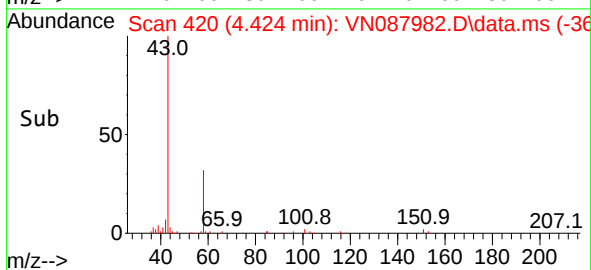
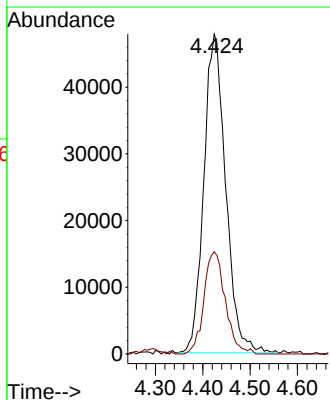
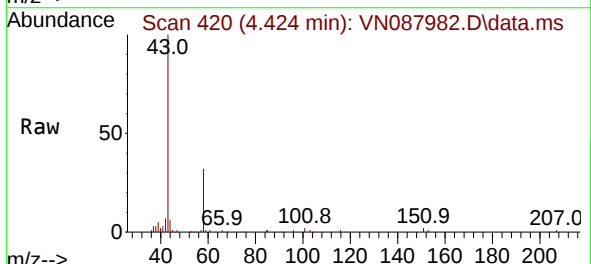
Manual Integrations
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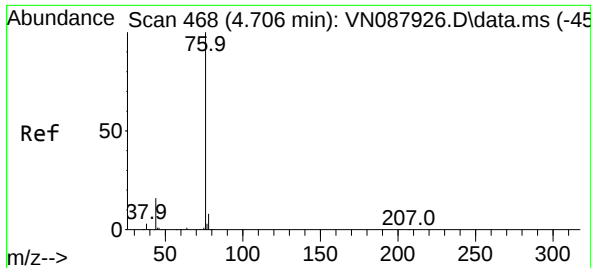
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#16
Acetone
Concen: 95.566 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

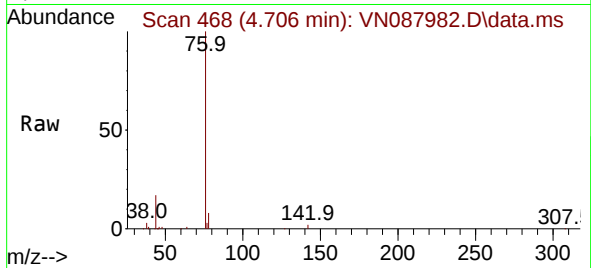
Tgt Ion: 43 Resp: 153564
Ion Ratio Lower Upper
43 100
58 32.1 24.1 36.1





#17
Carbon Disulfide
Concen: 17.820 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

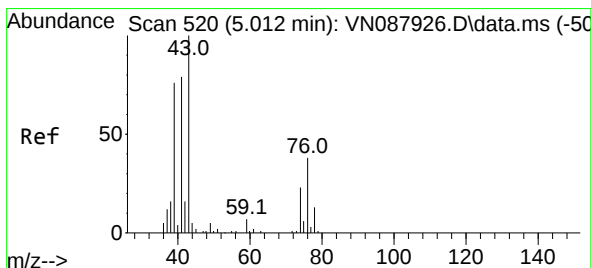
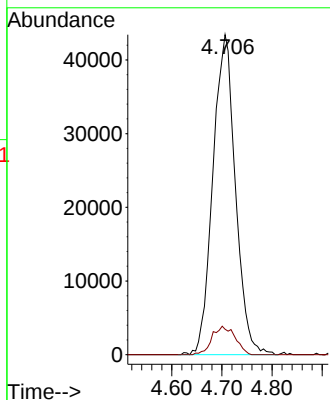
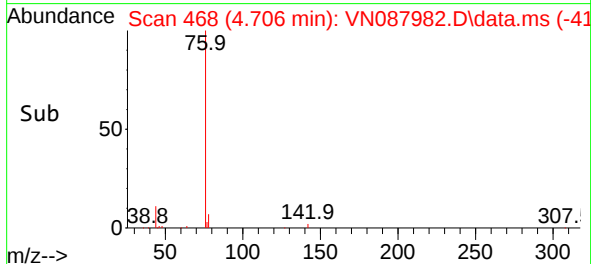
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01



Tgt Ion: 76 Resp: 135720
Ion Ratio Lower Upper
76 100
78 7.9 6.7 10.1

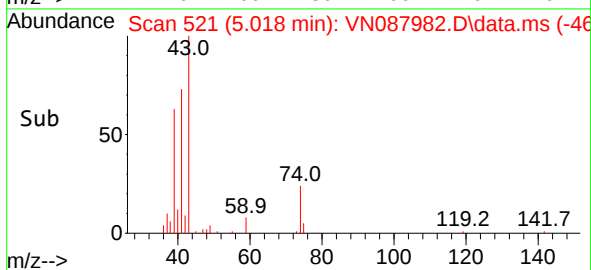
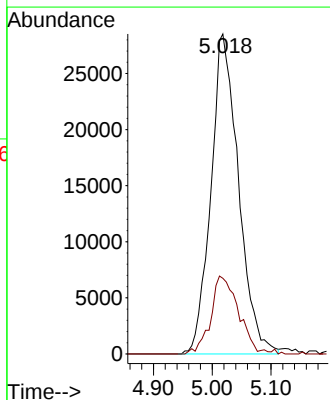
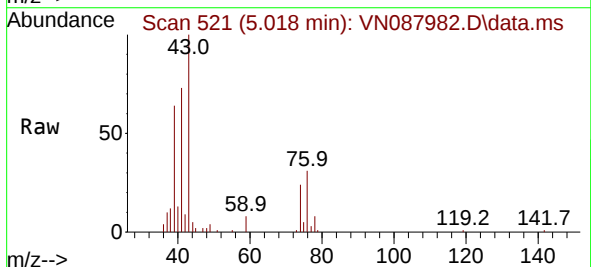
Manual Integrations
APPROVED

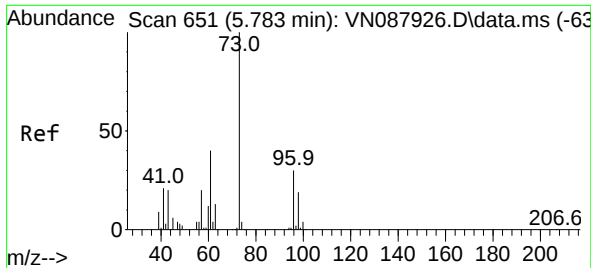
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#18
Methyl Acetate
Concen: 23.157 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

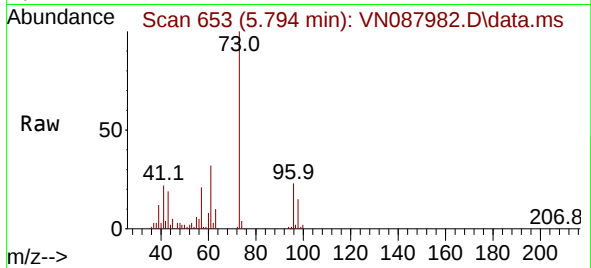
Tgt Ion: 43 Resp: 93126
Ion Ratio Lower Upper
43 100
74 24.4 19.7 29.5





#19
Methyl tert-butyl Ether
Concen: 19.434 ug/l
RT: 5.794 min Scan# 651
Delta R.T. 0.012 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

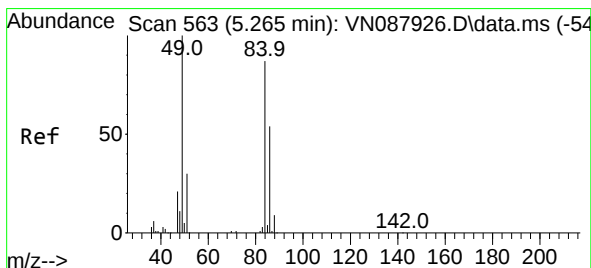
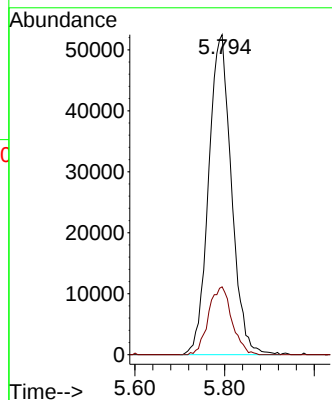
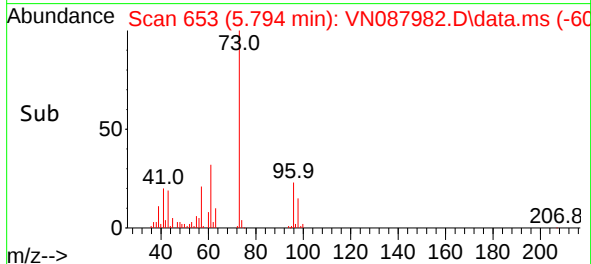
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01



Tgt Ion: 73 Resp: 185058
Ion Ratio Lower Upper
73 100
57 21.2 16.3 24.5

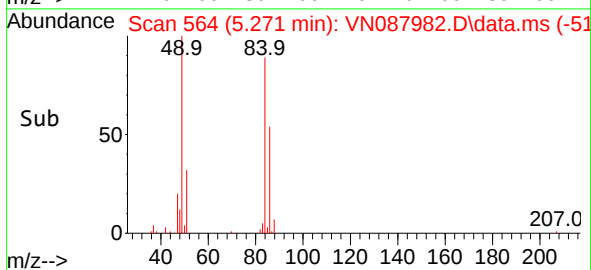
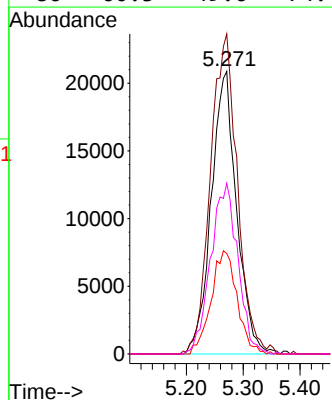
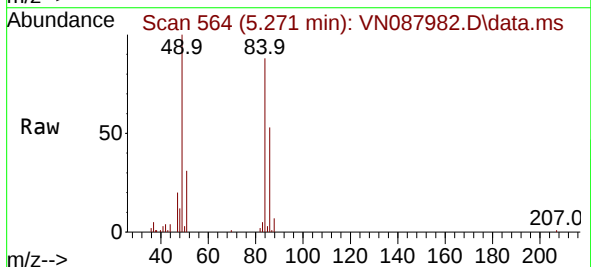
Manual Integrations
APPROVED

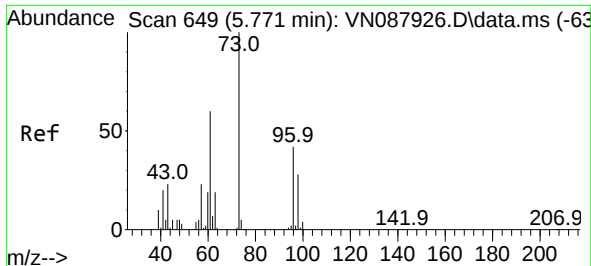
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#20
Methylene Chloride
Concen: 19.957 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

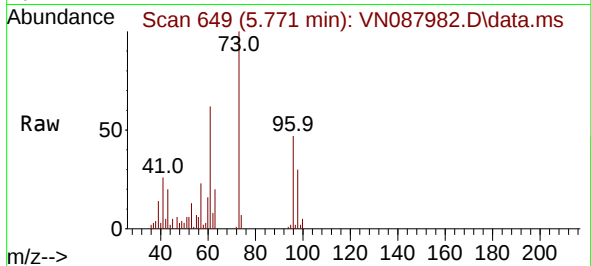
Tgt Ion: 84 Resp: 64910
Ion Ratio Lower Upper
84 100
49 113.2 92.1 138.1
51 35.6 27.7 41.5
86 60.3 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 18.840 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

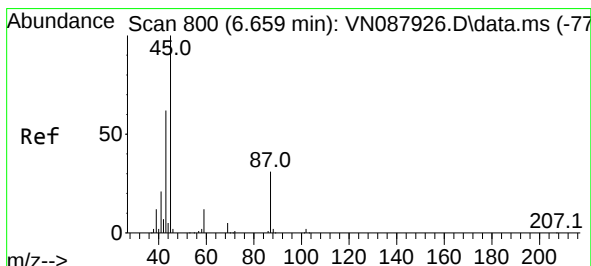
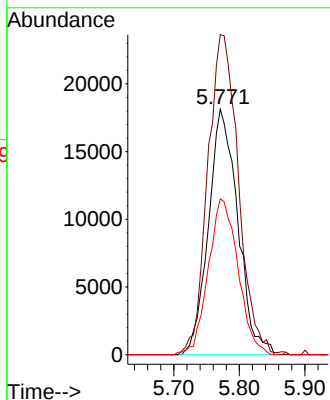
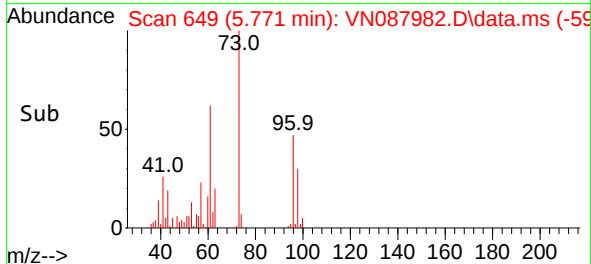
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01



Tgt Ion: 96 Resp: 56298
Ion Ratio Lower Upper
96 100
61 130.4 114.4 171.6
98 63.5 53.6 80.4

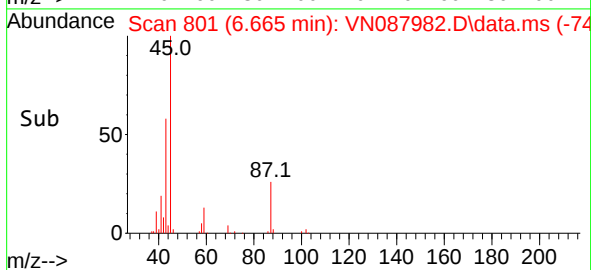
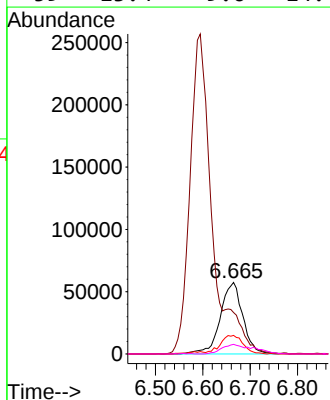
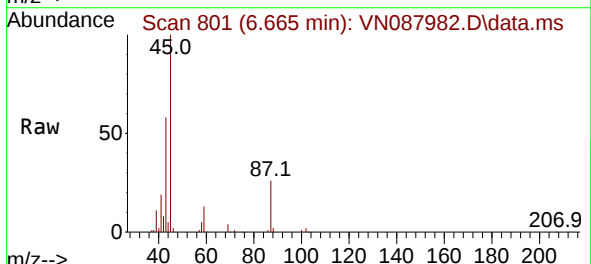
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#22
Diisopropyl ether
Concen: 20.412 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

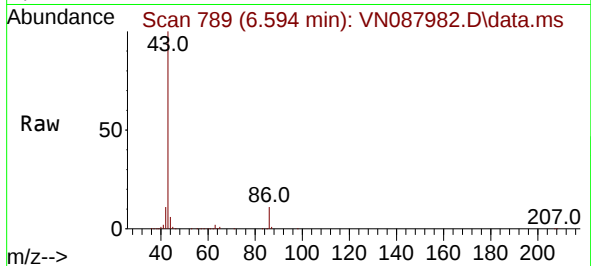
Tgt Ion: 45 Resp: 189100
Ion Ratio Lower Upper
45 100
43 57.2 49.9 74.9
87 26.0 25.2 37.8
59 13.4 9.6 14.4





#23
 Vinyl Acetate
 Concen: 96.447 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN087982.D
 Acq: 29 Sep 2025 15:07

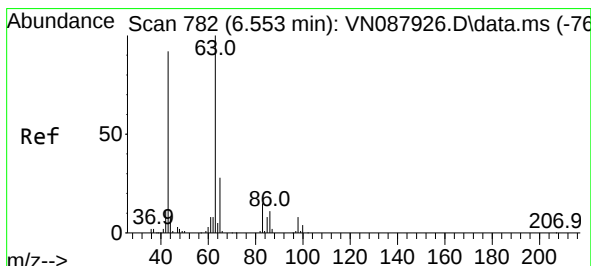
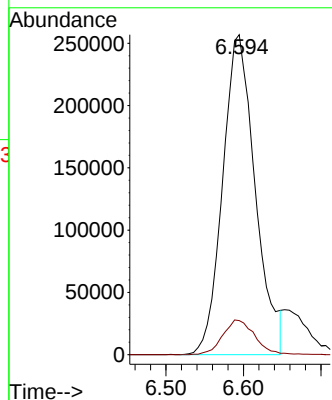
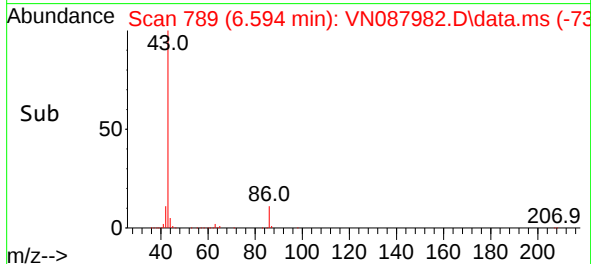
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBSD01



Tgt Ion: 43 Resp: 75232
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 12.8

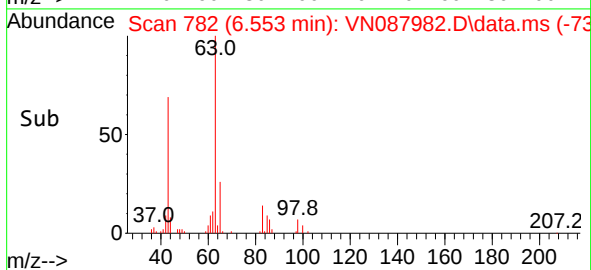
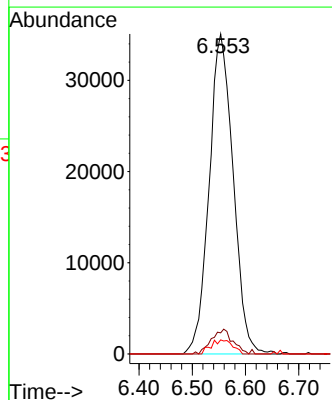
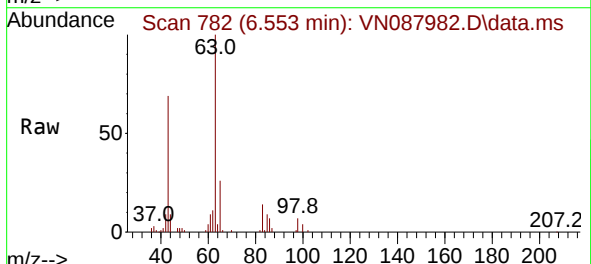
Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/30/2025
 Supervised By :Mahesh Dadoda 10/03/2025



#24
 1,1-Dichloroethane
 Concen: 20.305 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.000 min
 Lab File: VN087982.D
 Acq: 29 Sep 2025 15:07

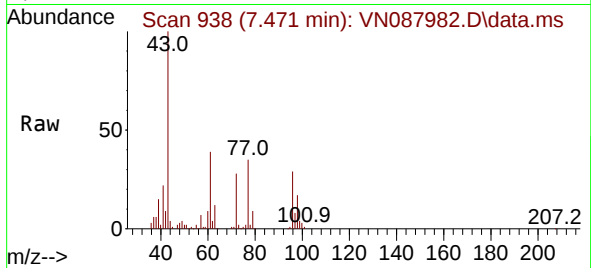
Tgt Ion: 63 Resp: 109902
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.5
 100 4.4 2.1 6.5





#25
2-Butanone
Concen: 103.144 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

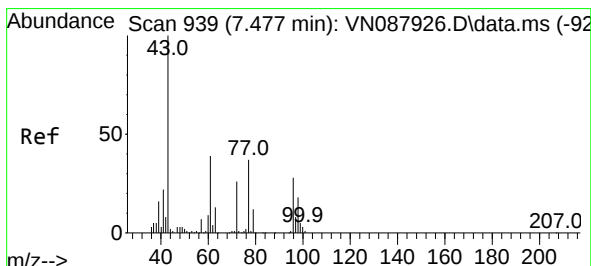
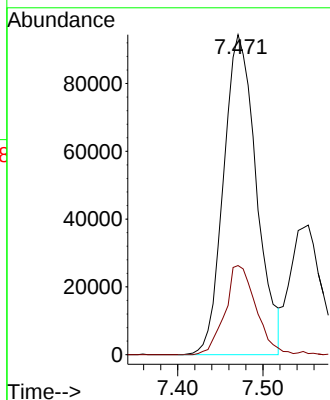
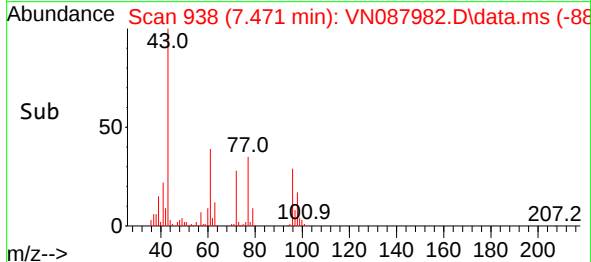
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01



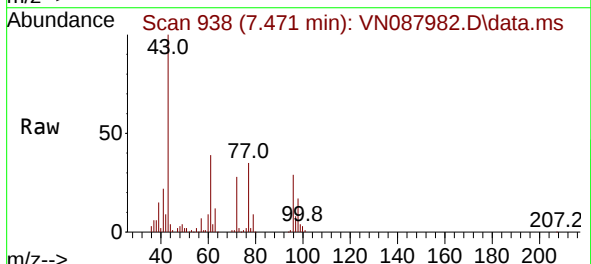
Tgt Ion: 43 Resp: 253328
Ion Ratio Lower Upper
43 100
72 27.8 21.5 32.3

Manual Integrations
APPROVED

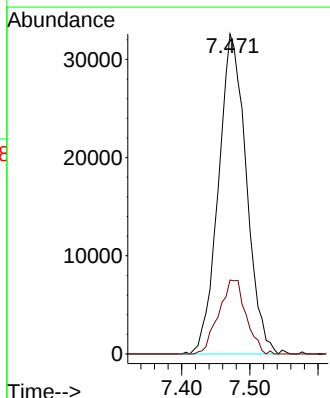
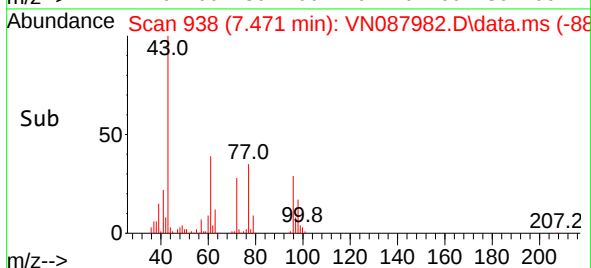
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#26
2,2-Dichloropropane
Concen: 19.241 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07



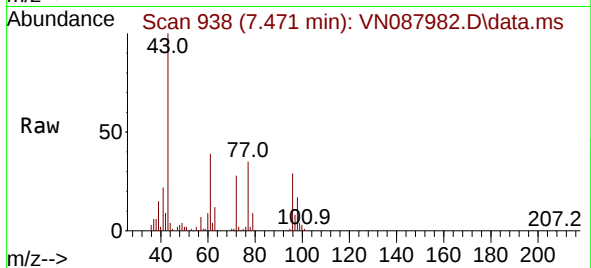
Tgt Ion: 77 Resp: 92525
Ion Ratio Lower Upper
77 100
97 22.7 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 19.716 ug/l
 RT: 7.471 min Scan# 910
 Delta R.T. 0.000 min
 Lab File: VN087982.D
 Acq: 29 Sep 2025 15:07

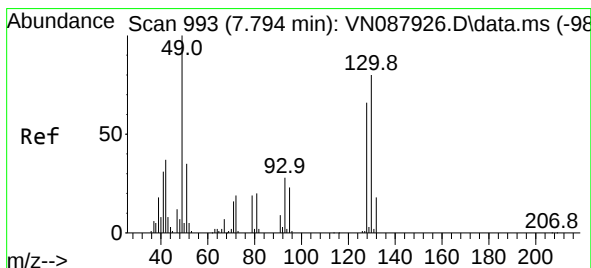
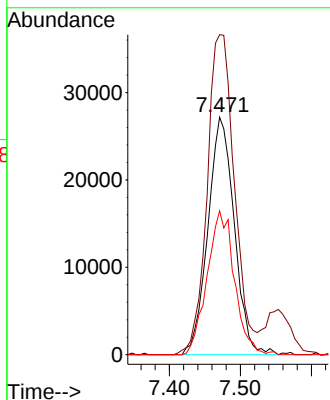
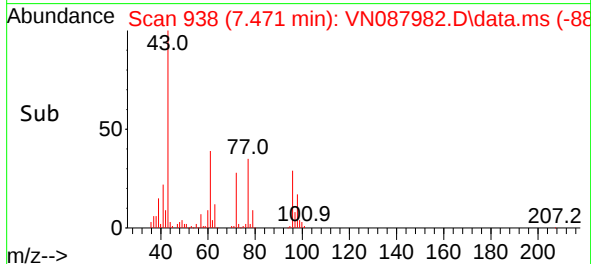
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBSD01



Tgt Ion: 96 Resp: 7010
 Ion Ratio Lower Upper
 96 100
 61 139.8 0.0 283.0
 98 62.6 0.0 127.6

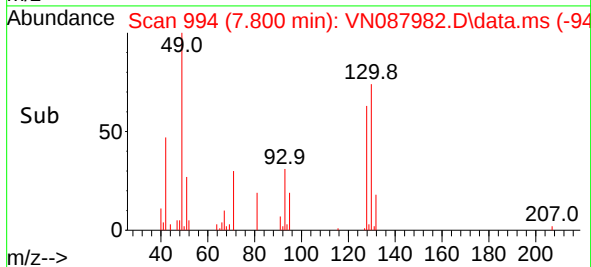
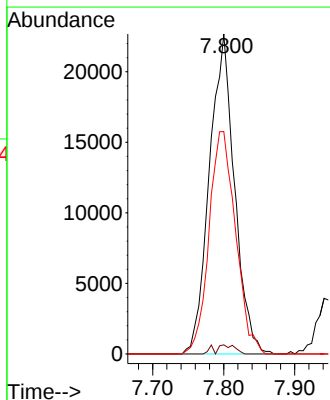
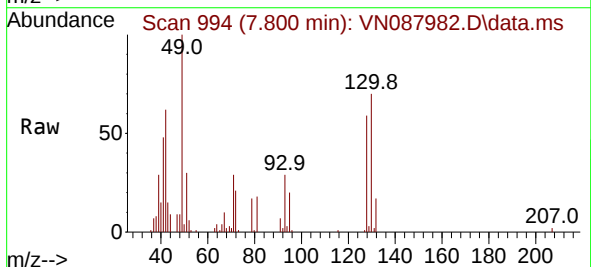
Manual Integrations
 APPROVED

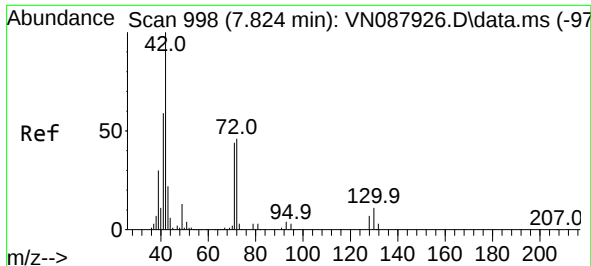
Reviewed By :John Carlone 09/30/2025
 Supervised By :Mahesh Dadoda 10/03/2025



#28
 Bromochloromethane
 Concen: 18.966 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VN087982.D
 Acq: 29 Sep 2025 15:07

Tgt Ion: 49 Resp: 55772
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 5.4
 130 73.5 62.6 94.0





#29

Tetrahydrofuran

Concen: 104.251 ug/l

RT: 7.824 min Scan# 998

Delta R.T. 0.000 min

Lab File: VN087982.D

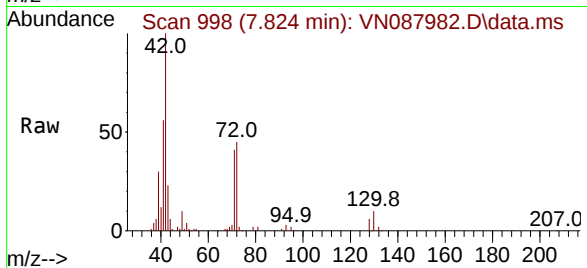
Acq: 29 Sep 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBSD01



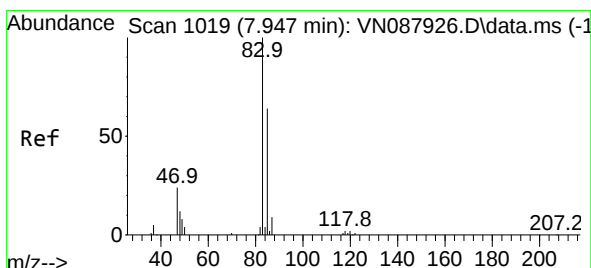
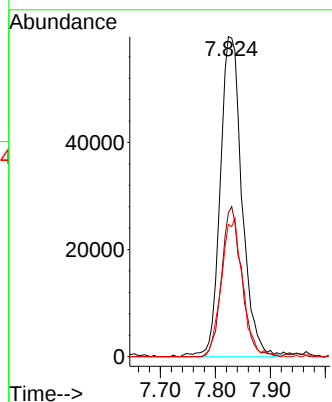
Tgt Ion:	42	Resp:	163950
Ion Ratio	100	Lower	Upper
42	100		
72	43.3	36.5	54.7
71	42.4	33.8	50.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#30

Chloroform

Concen: 20.678 ug/l

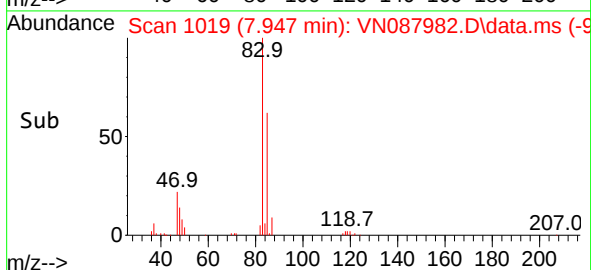
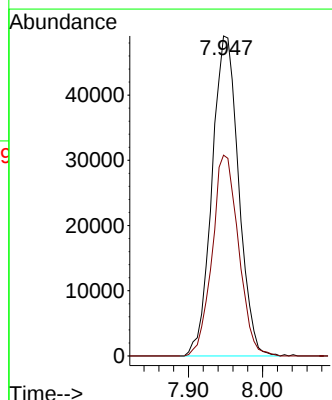
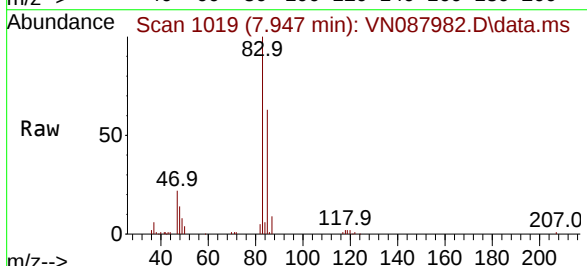
RT: 7.947 min Scan# 1019

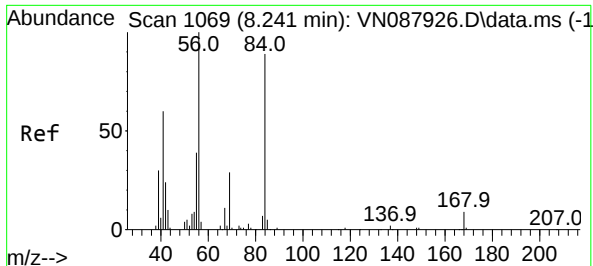
Delta R.T. 0.000 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

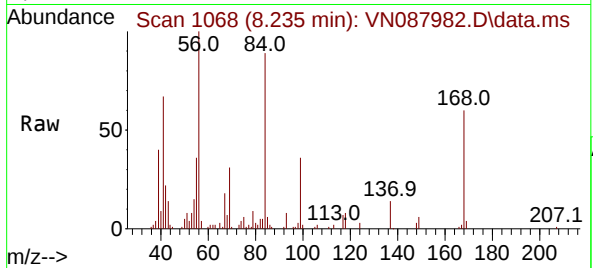
Tgt Ion:	83	Resp:	122373
Ion Ratio	100	Lower	Upper
83	100		
85	62.7	50.9	76.3





#31
Cyclohexane
Concen: 20.408 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

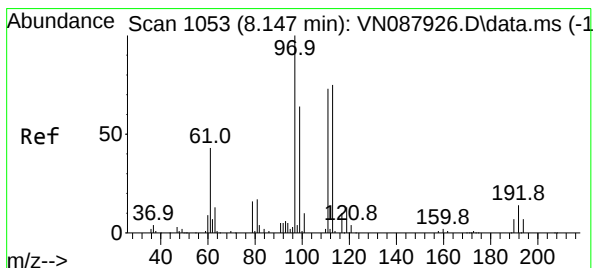
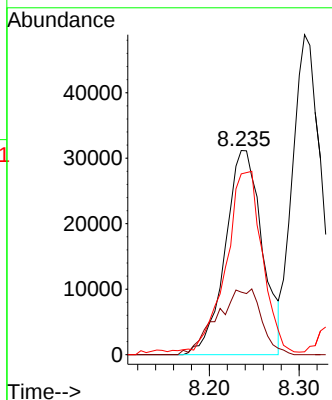
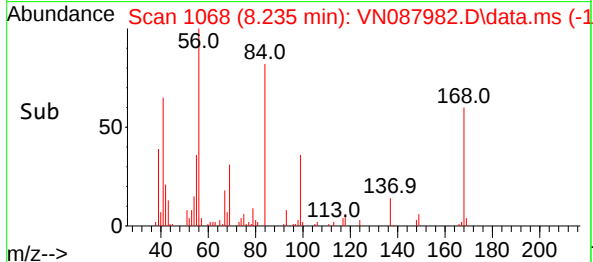
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01



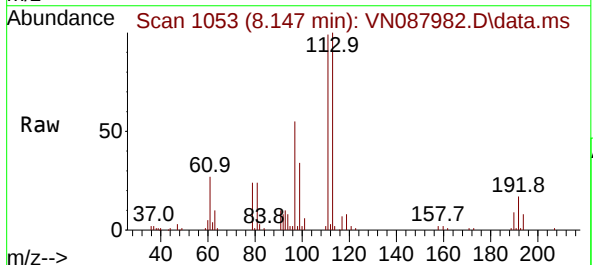
Tgt Ion: 56 Resp: 89370
Ion Ratio Lower Upper
56 100
69 30.7 23.4 35.0
84 86.6 70.8 106.2

Manual Integrations
APPROVED

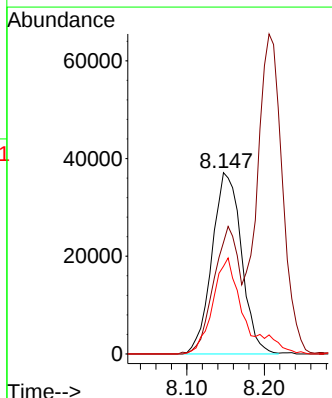
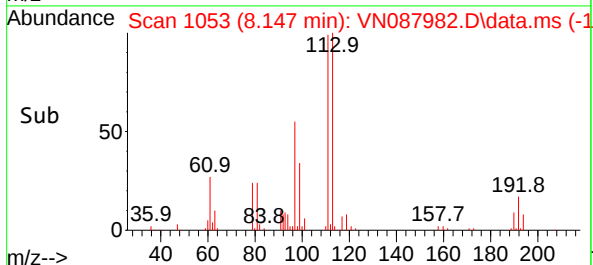
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

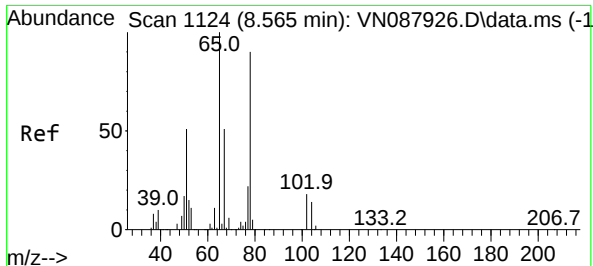


#32
1,1,1-Trichloroethane
Concen: 19.612 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07



Tgt Ion: 97 Resp: 98072
Ion Ratio Lower Upper
97 100
99 59.8 51.1 76.7
61 48.5 38.6 58.0





#33

1,2-Dichloroethane-d4

Concen: 55.856 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.006 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBSD01

Tgt Ion: 65 Resp: 21814

Ion Ratio Lower Upper

65 100

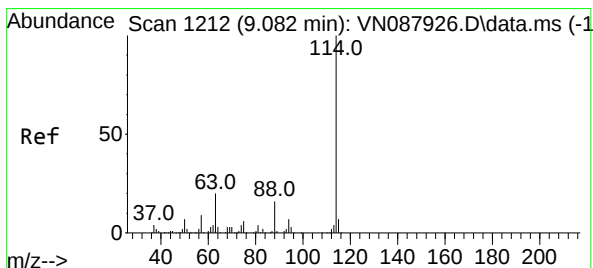
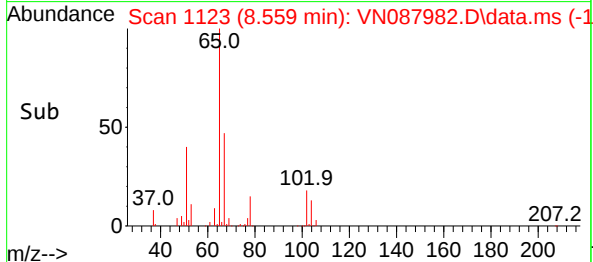
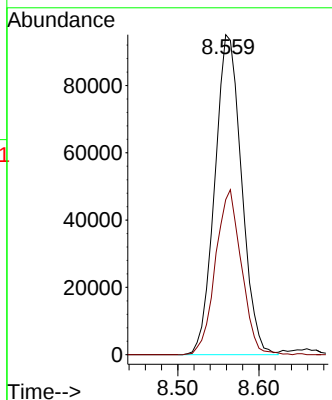
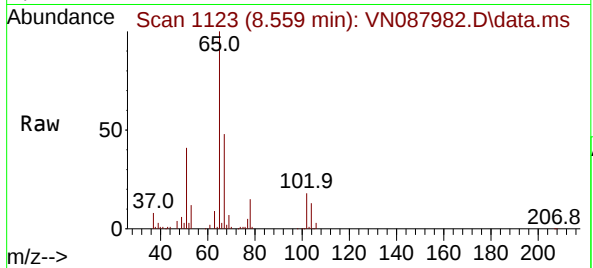
67 49.9 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

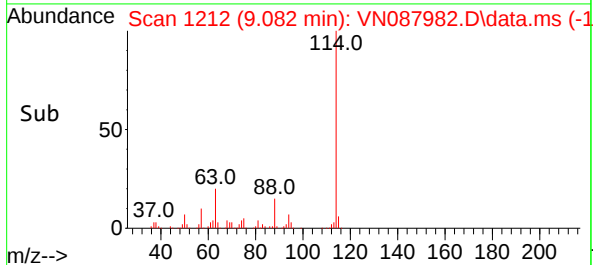
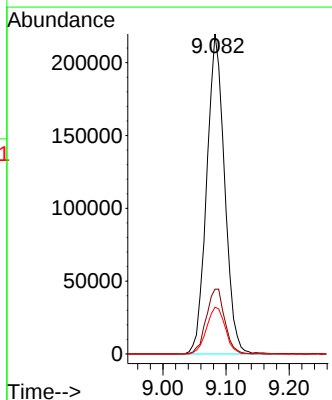
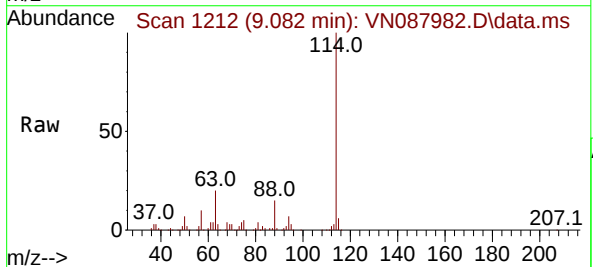
Tgt Ion:114 Resp: 432175

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

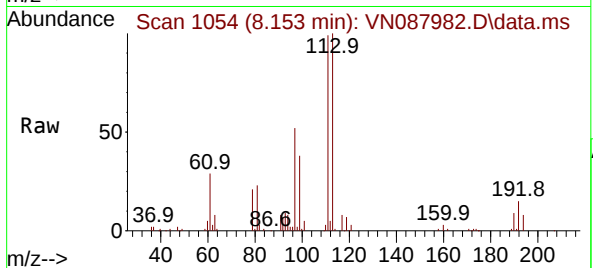
88 14.6 0.0 31.8





#35
Dibromofluoromethane
Concen: 53.534 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

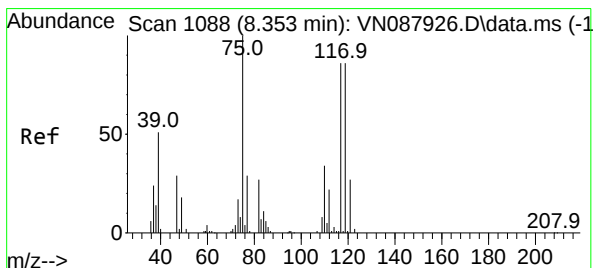
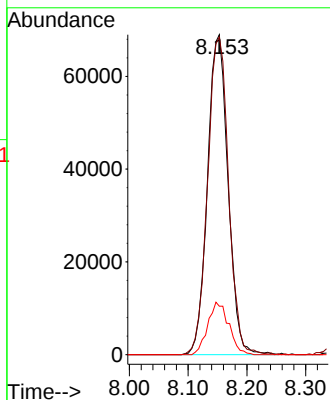
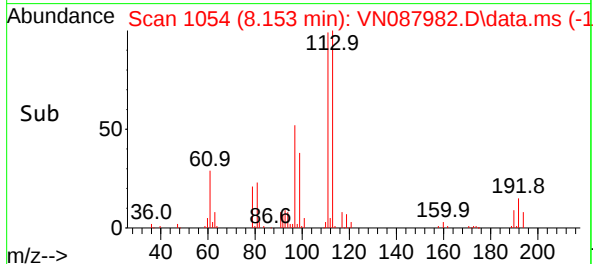
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01



Tgt Ion: 113 Resp: 16798
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.2
192 16.8 14.2 21.2

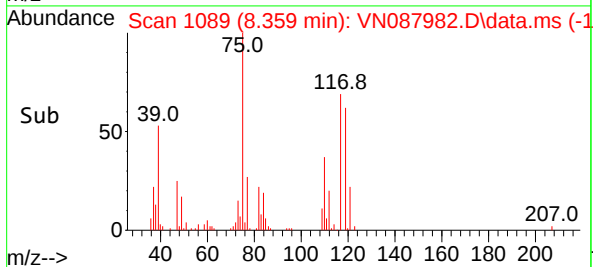
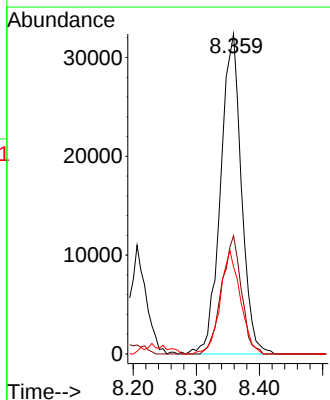
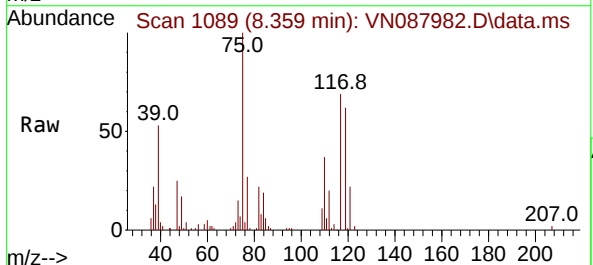
Manual Integrations
APPROVED

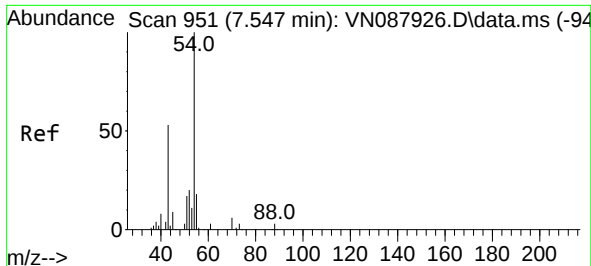
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#36
1,1-Dichloropropene
Concen: 19.723 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

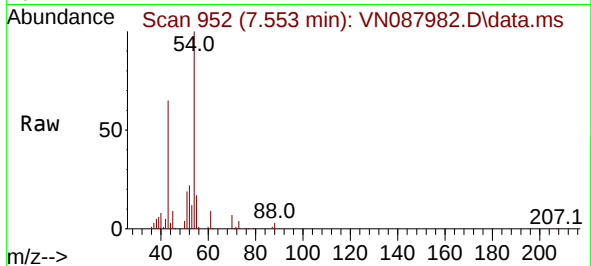
Tgt Ion: 75 Resp: 74416
Ion Ratio Lower Upper
75 100
110 35.0 17.1 51.3
77 31.4 24.8 37.2





#37
Ethyl Acetate
Concen: 19.919 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

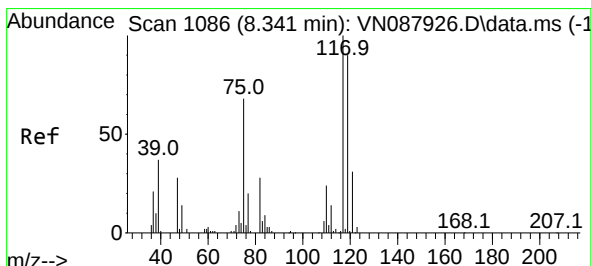
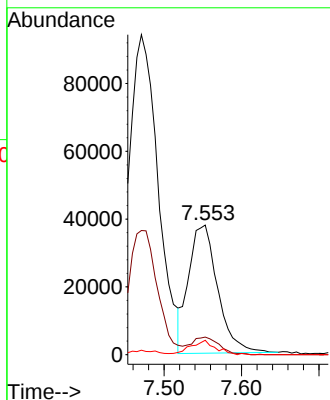
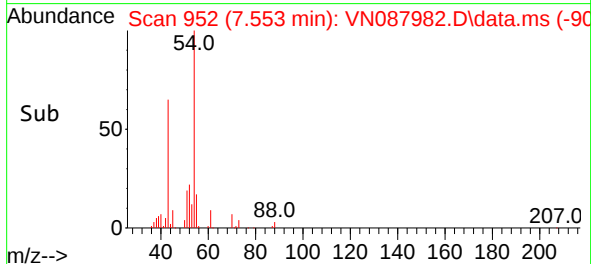
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01



Tgt Ion: 43 Resp: 9869
Ion Ratio Lower Upper
43 100
61 13.2 10.7 16.1
70 9.5 7.8 11.8

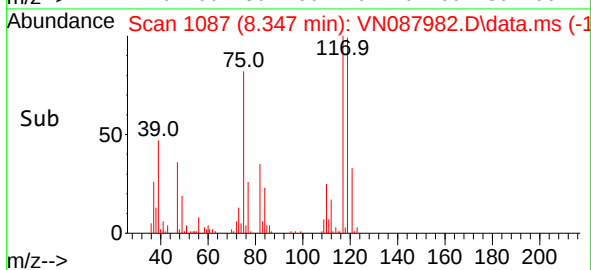
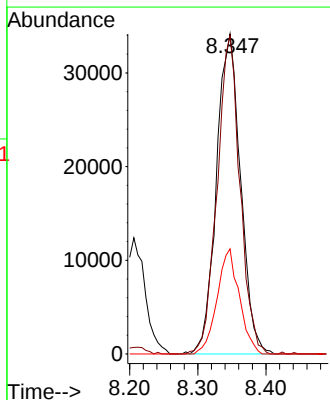
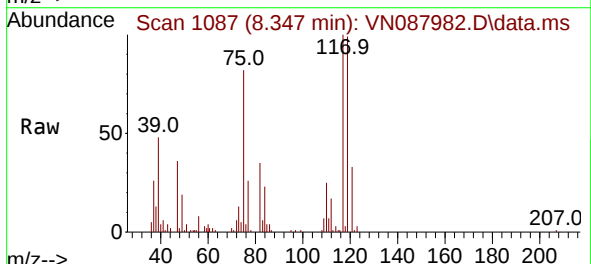
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#38
Carbon Tetrachloride
Concen: 19.431 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion:117 Resp: 84127
Ion Ratio Lower Upper
117 100
119 99.4 72.1 108.1
121 32.9 24.6 36.8





#39

Methylcyclohexane

Concen: 18.335 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBSD01

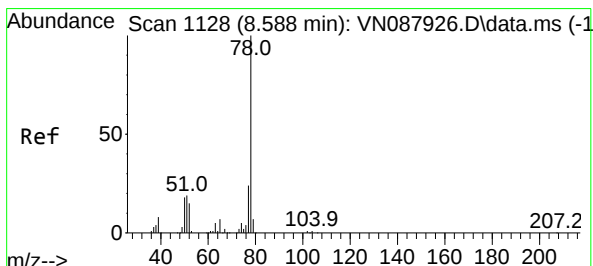
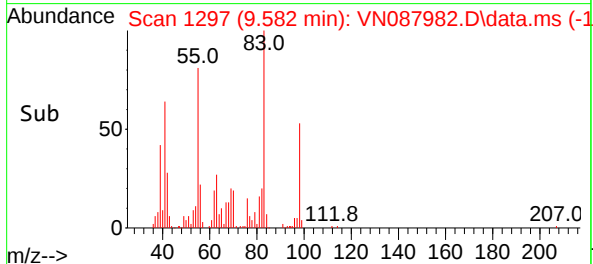
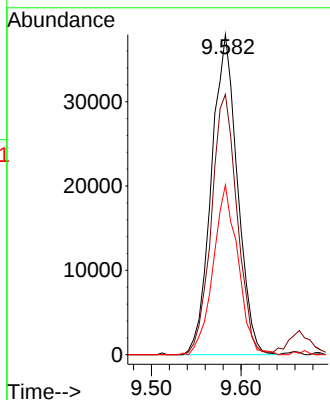
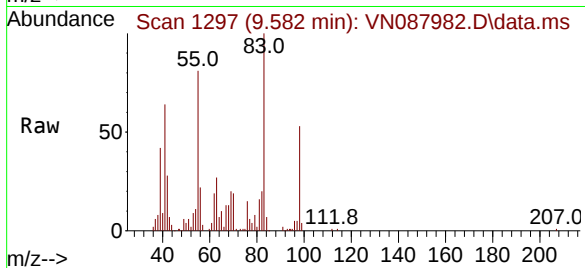
Tgt Ion:	83	Resp:	7631
Ion Ratio	Lower	Upper	
83	100		
55	81.4	59.9	89.9
98	53.0	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#40

Benzene

Concen: 19.702 ug/l

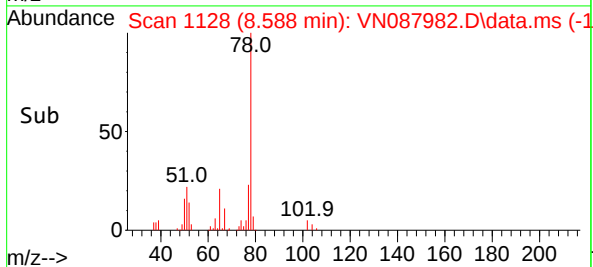
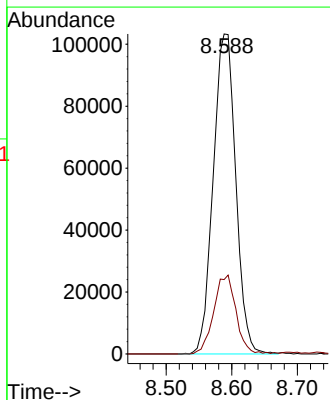
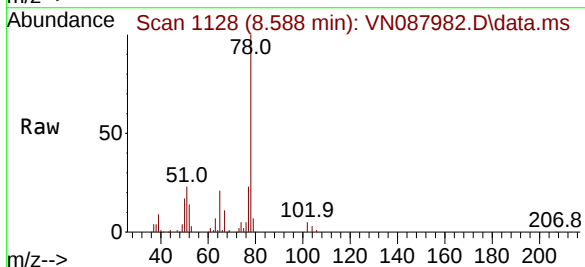
RT: 8.588 min Scan# 1128

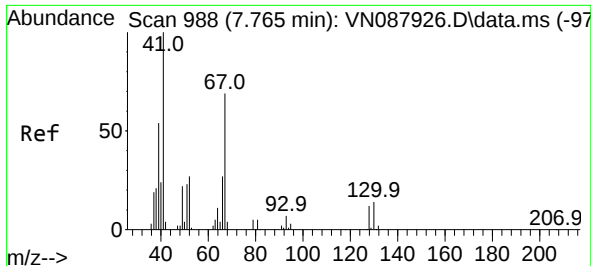
Delta R.T. 0.000 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

Tgt Ion:	78	Resp:	246133
Ion Ratio	Lower	Upper	
78	100		
77	23.3	19.0	28.6





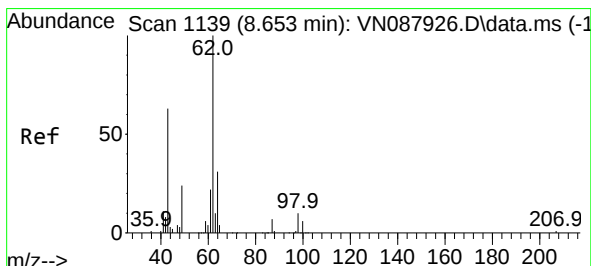
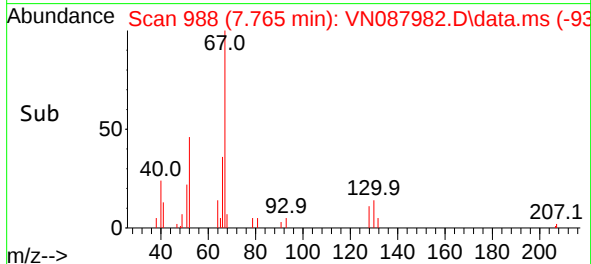
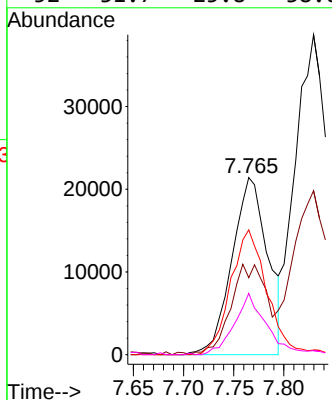
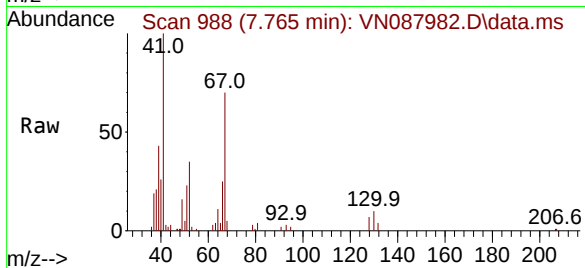
#41
Methacrylonitrile
Concen: 20.761 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

Tgt Ion: 41	Resp: 5315
Ion Ratio	Lower Upper
41 100	
39 50.0	43.5 65.3
67 72.1	57.6 86.4
52 31.7	25.8 38.6

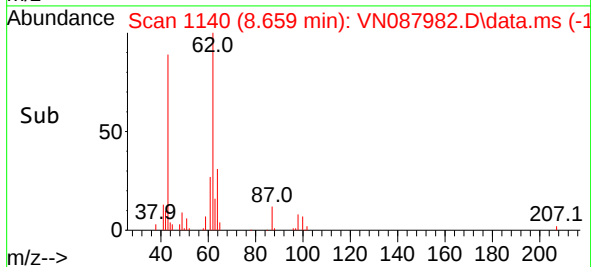
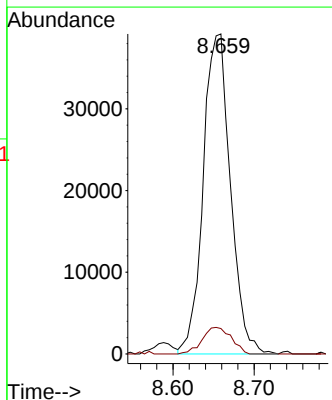
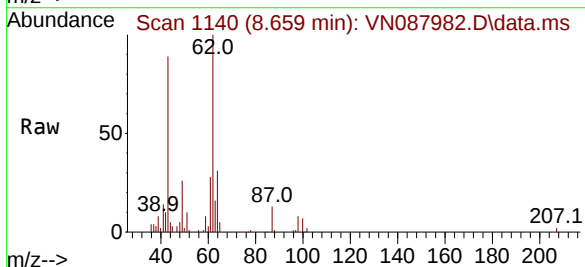
Manual Integrations
APPROVED

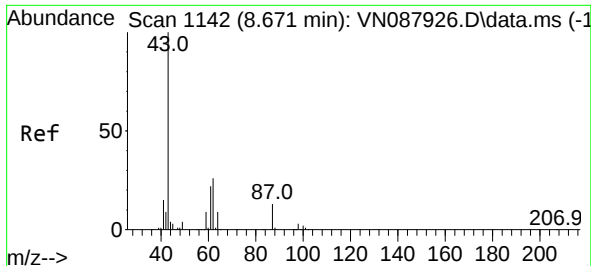
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#42
1,2-Dichloroethane
Concen: 19.561 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

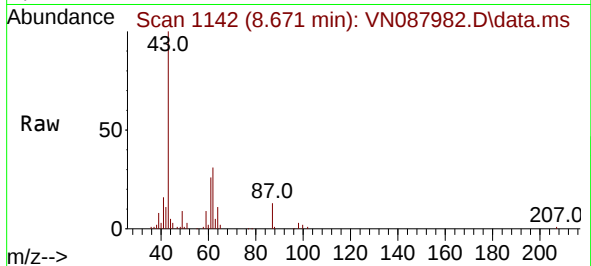
Tgt Ion: 62	Resp: 91196
Ion Ratio	Lower Upper
62 100	
98 8.9	0.0 18.6





#43
Isopropyl Acetate
Concen: 19.645 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

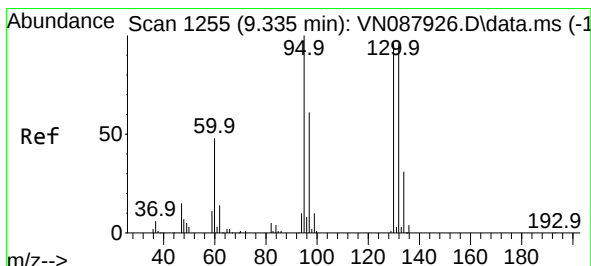
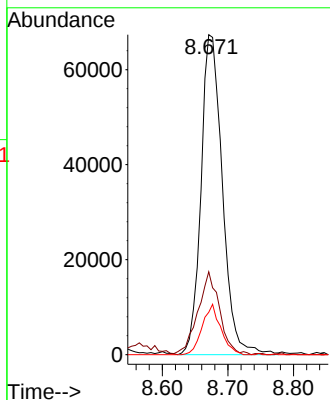
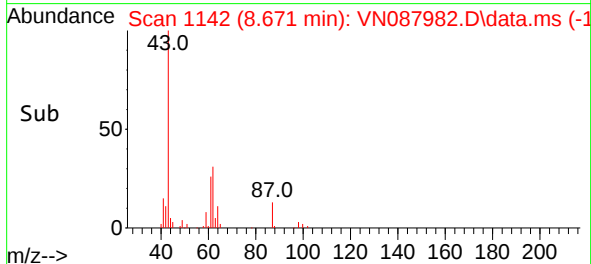
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01



Tgt Ion: 43 Resp: 15320
Ion Ratio Lower Upper
43 100
61 26.1 20.2 30.2
87 13.7 10.9 16.3

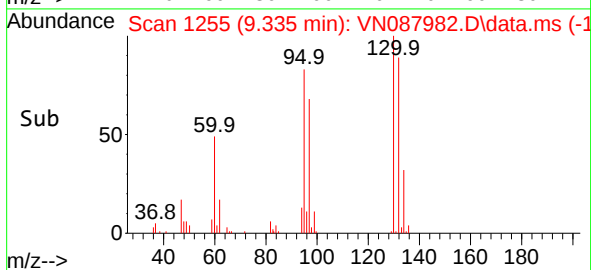
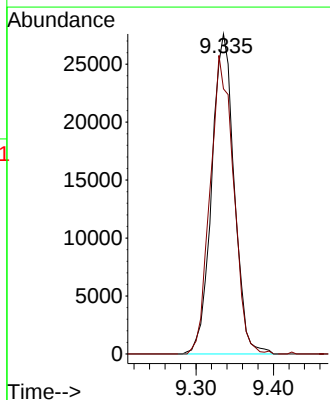
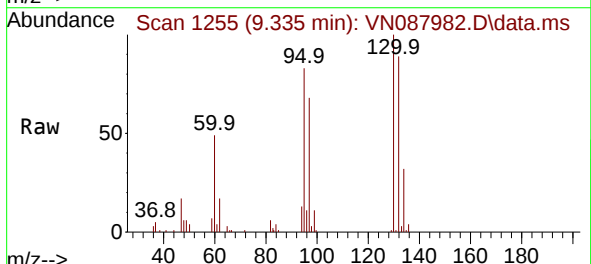
Manual Integrations
APPROVED

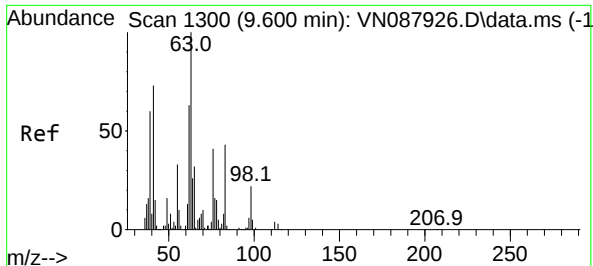
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#44
Trichloroethene
Concen: 18.674 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion:130 Resp: 55725
Ion Ratio Lower Upper
130 100
95 82.8 0.0 208.0





#45

1,2-Dichloropropane

Concen: 19.903 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBSD01

Tgt Ion: 63 Resp: 6234

Ion Ratio Lower Upper

63 100

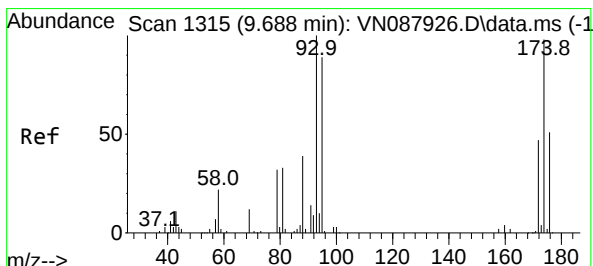
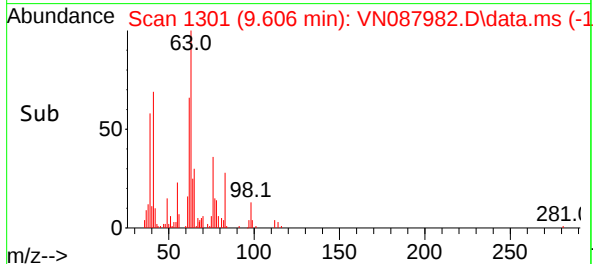
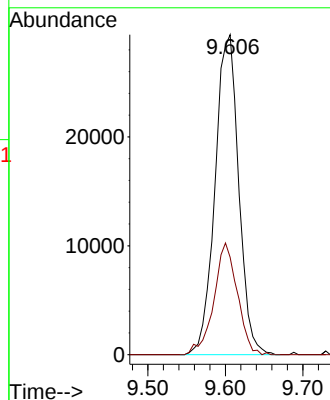
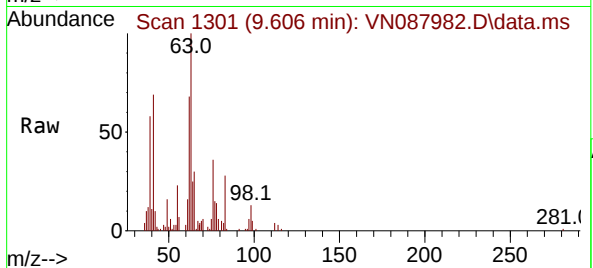
65 30.5 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#46

Dibromomethane

Concen: 19.762 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

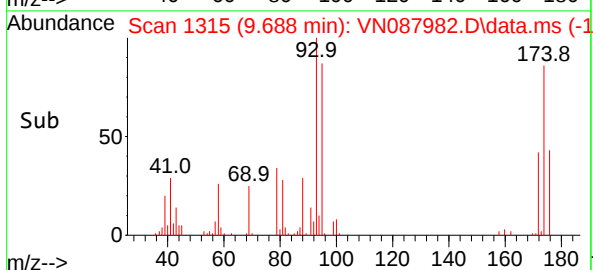
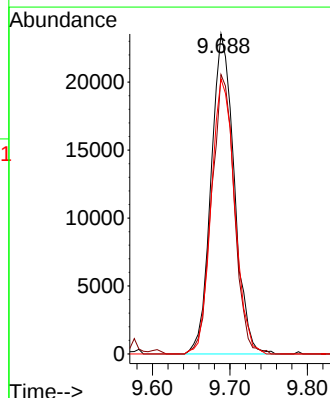
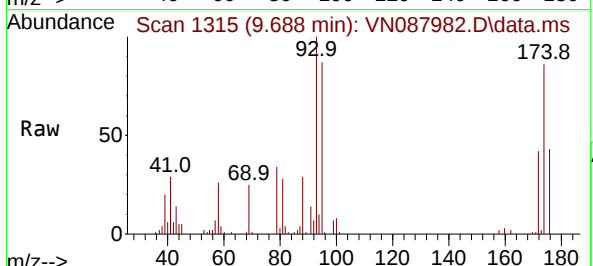
Tgt Ion: 93 Resp: 48849

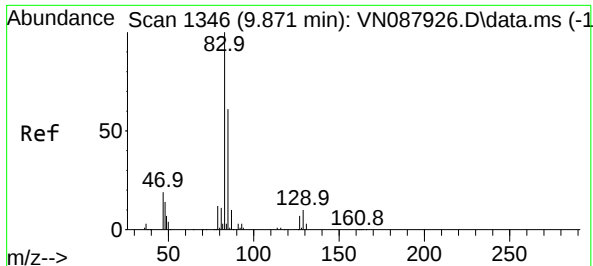
Ion Ratio Lower Upper

93 100

95 85.3 67.6 101.4

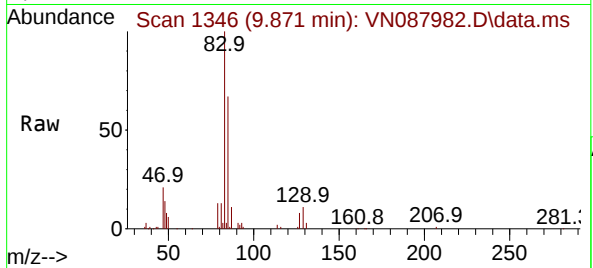
174 87.1 75.4 113.0





#47
Bromodichloromethane
Concen: 19.549 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

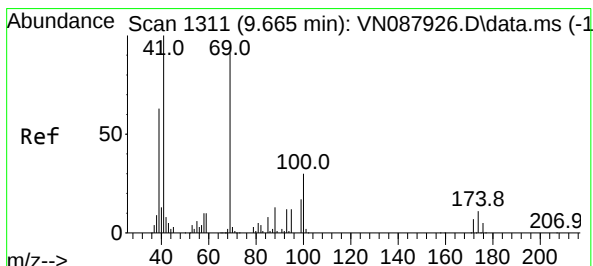
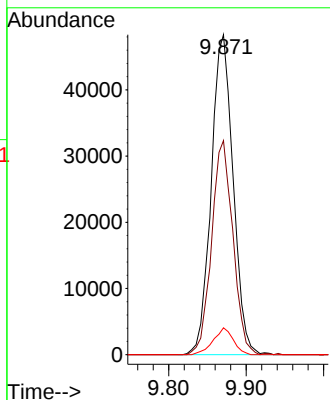
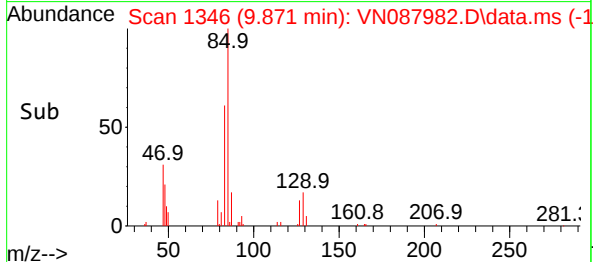
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01



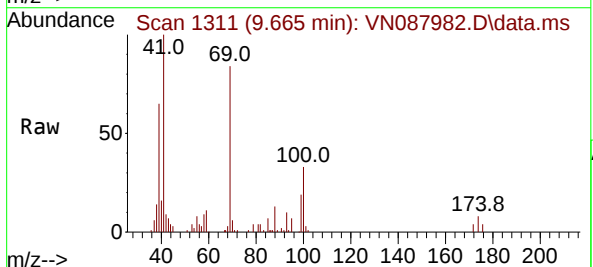
Tgt Ion: 83 Resp: 94770
Ion Ratio Lower Upper
83 100
85 66.9 49.1 73.7
127 8.4 5.9 8.9

Manual Integrations
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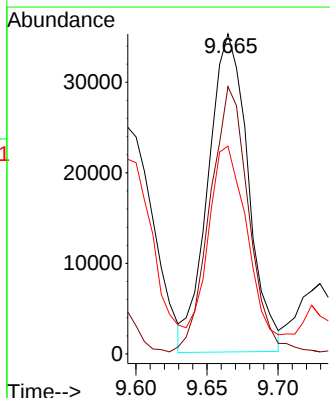
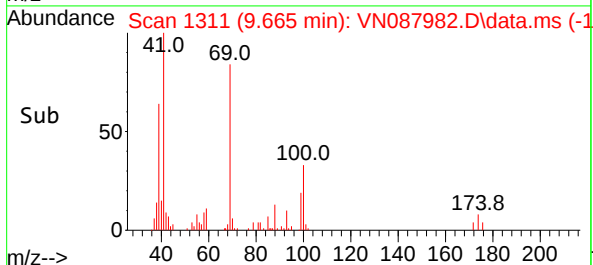
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#48
Methyl methacrylate
Concen: 19.090 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07



Tgt Ion: 41 Resp: 68945
Ion Ratio Lower Upper
41 100
69 81.2 70.9 106.3
39 64.9 52.9 79.3





#49

1,4-Dioxane

Concen: 405.193 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBSD01

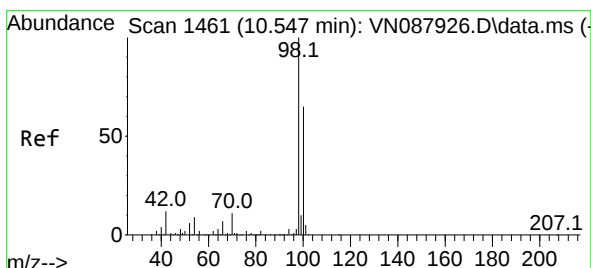
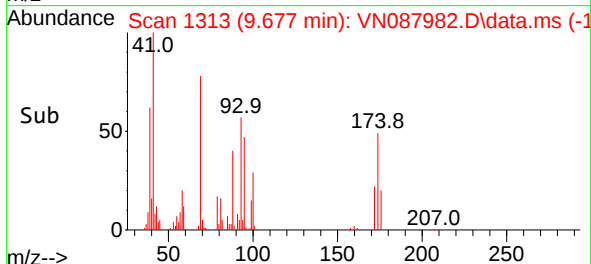
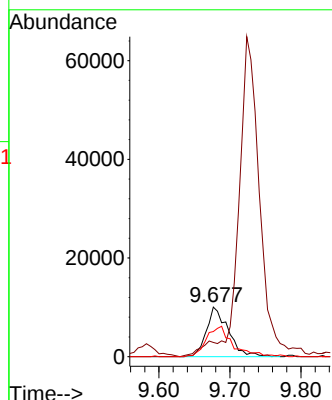
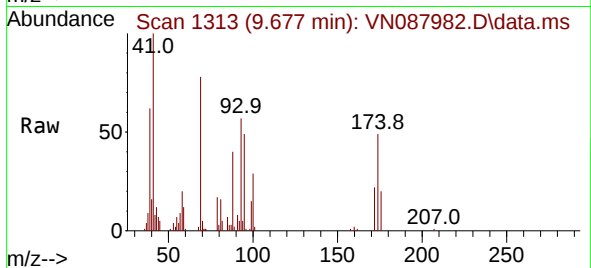
Tgt Ion:	88	Resp:	21619
Ion Ratio	Lower	Upper	
88	100		
43	25.3	22.6	33.8
58	73.5	57.4	86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#50

Toluene-d8

Concen: 53.379 ug/l

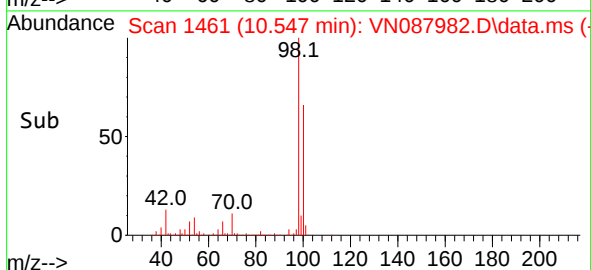
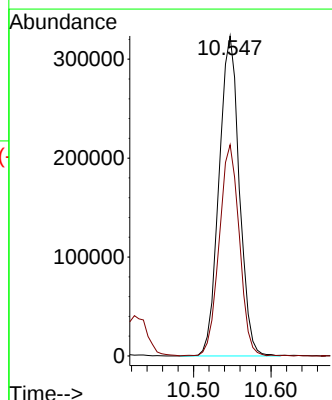
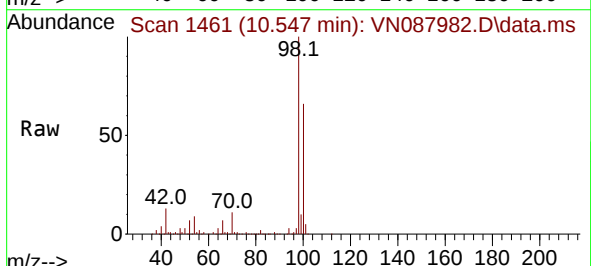
RT: 10.547 min Scan# 1461

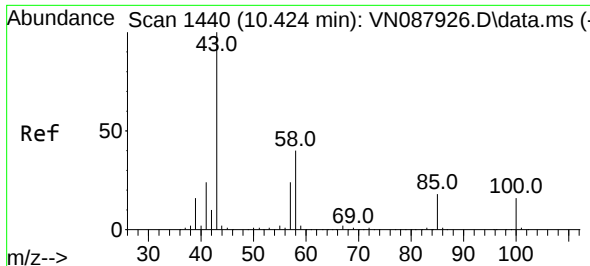
Delta R.T. 0.000 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

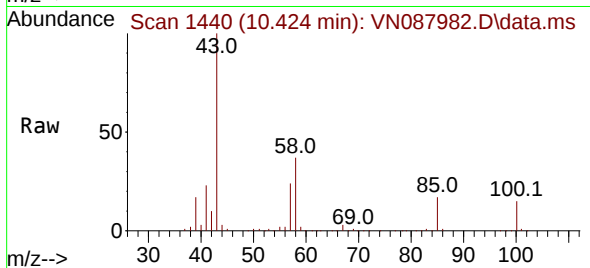
Tgt Ion:	98	Resp:	589007
Ion Ratio	Lower	Upper	
98	100		
100	65.5	51.7	77.5





#51
4-Methyl-2-Pentanone
Concen: 104.566 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

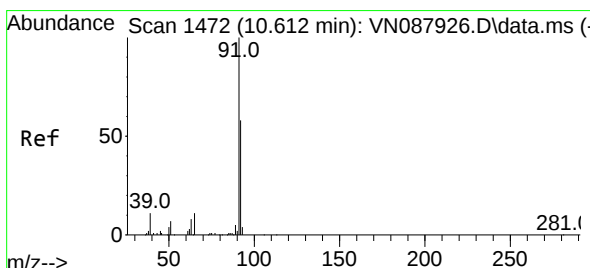
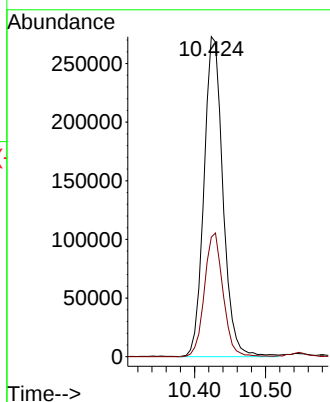
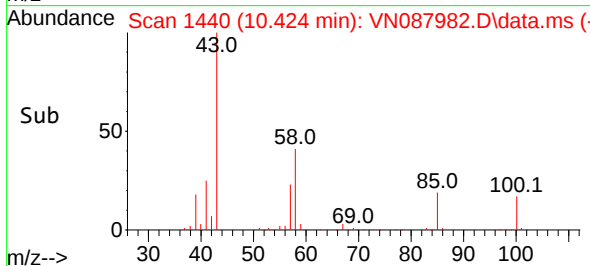
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01



Tgt Ion: 43 Resp: 50887
Ion Ratio Lower Upper
43 100
58 37.8 31.0 46.6

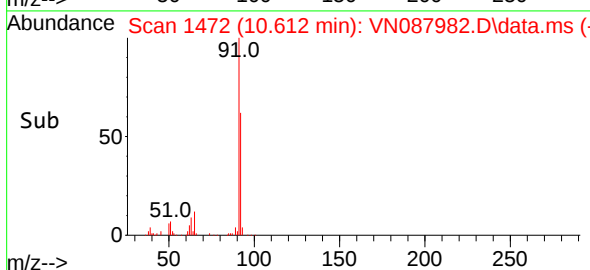
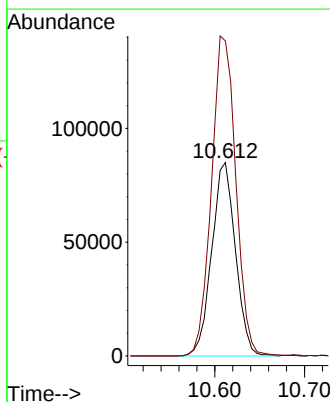
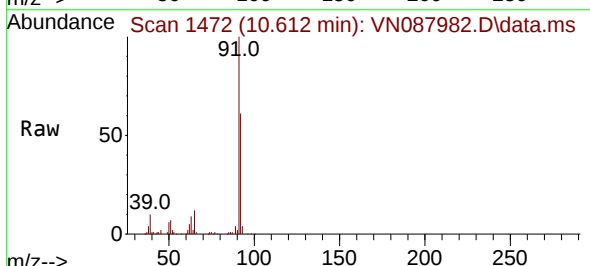
Manual Integrations
APPROVED

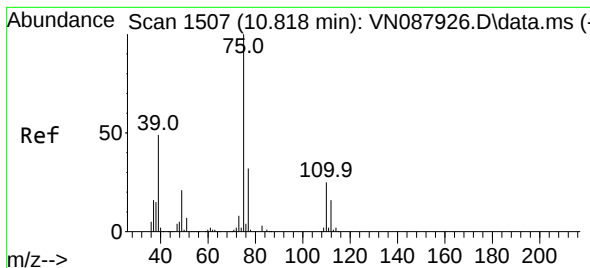
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#52
Toluene
Concen: 19.894 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

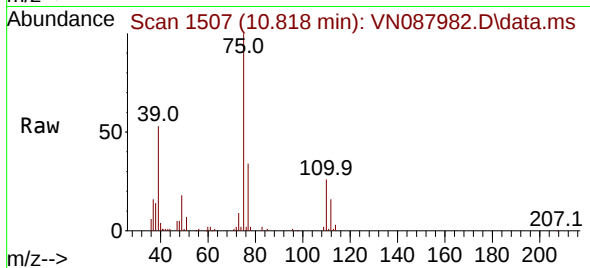
Tgt Ion: 92 Resp: 155964
Ion Ratio Lower Upper
92 100
91 170.3 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 18.260 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

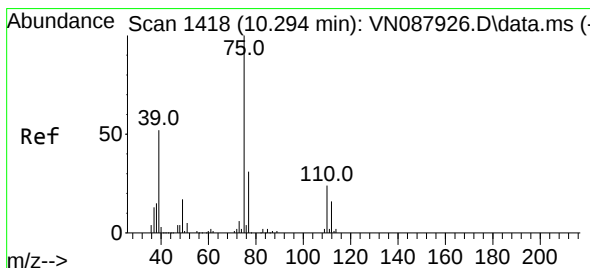
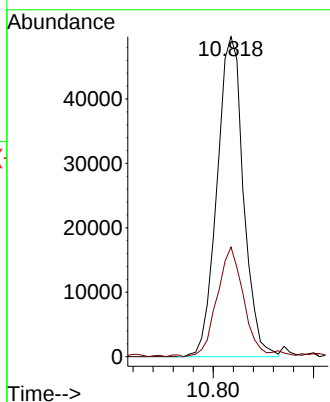
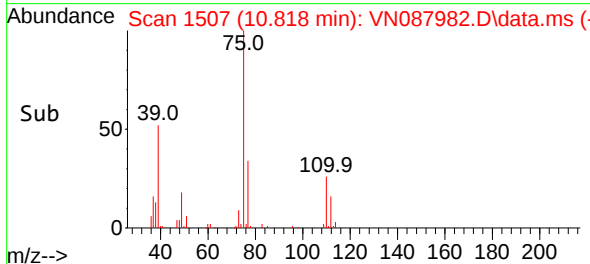
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01



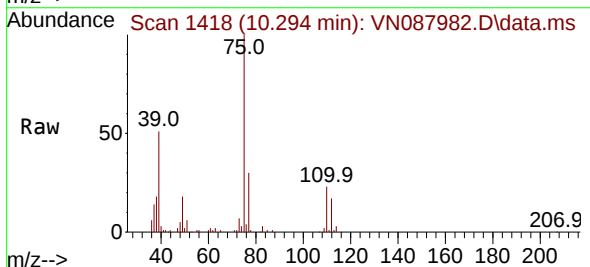
Tgt Ion: 75 Resp: 90604
Ion Ratio Lower Upper
75 100
77 33.7 25.3 37.9

Manual Integrations
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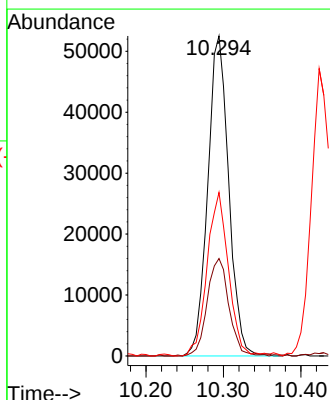
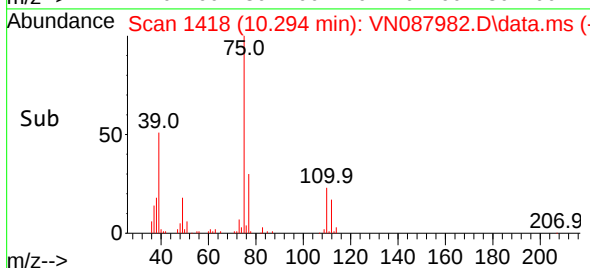
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

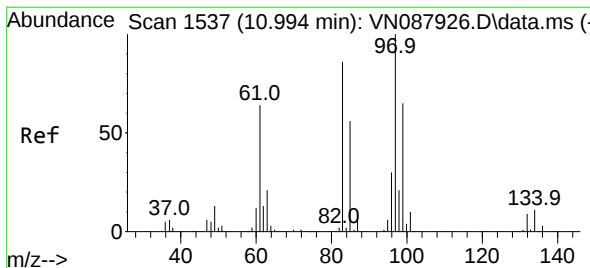


#54
cis-1,3-Dichloropropene
Concen: 19.180 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07



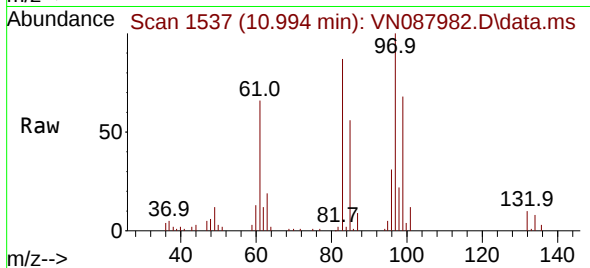
Tgt Ion: 75 Resp: 98843
Ion Ratio Lower Upper
75 100
77 30.2 24.7 37.1
39 51.1 41.4 62.0





#55
1,1,2-Trichloroethane
Concen: 19.949 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

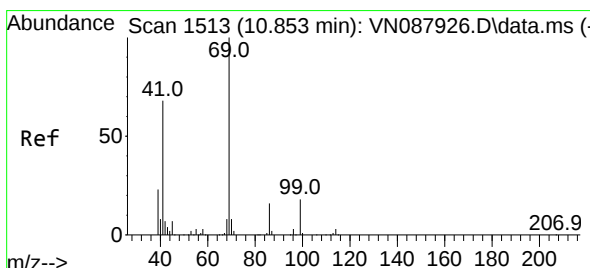
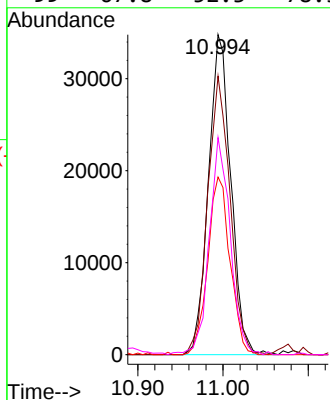
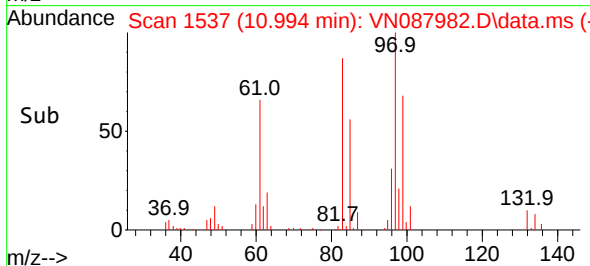
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01



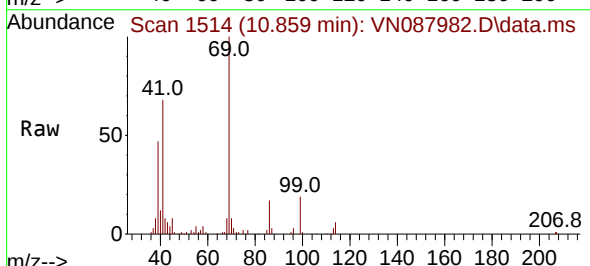
Tgt Ion:	97	Resp:	63590
Ion	Ratio	Lower	Upper
97	100		
83	87.1	69.0	103.4
85	55.5	44.4	66.6
99	67.8	52.3	78.5

Manual Integrations
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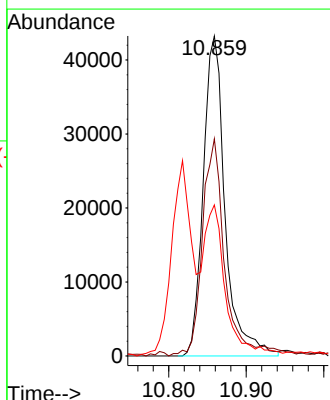
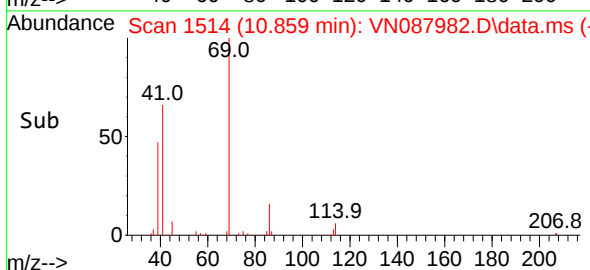
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

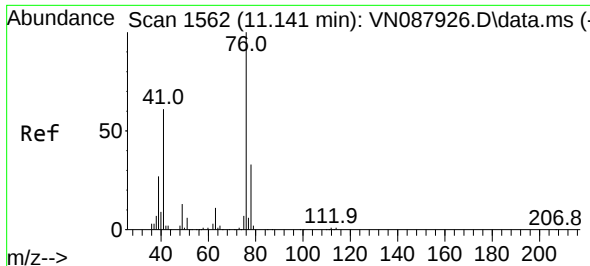


#56
Ethyl methacrylate
Concen: 18.388 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07



Tgt Ion:	69	Resp:	84694
Ion	Ratio	Lower	Upper
69	100		
41	70.3	53.8	80.6
39	46.9	34.7	52.1





#57

1,3-Dichloropropane

Concen: 19.835 ug/l

RT: 11.147 min Scan# 1563

Delta R.T. 0.006 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBSD01

Tgt Ion: 76 Resp: 10399

Ion Ratio Lower Upper

76 100

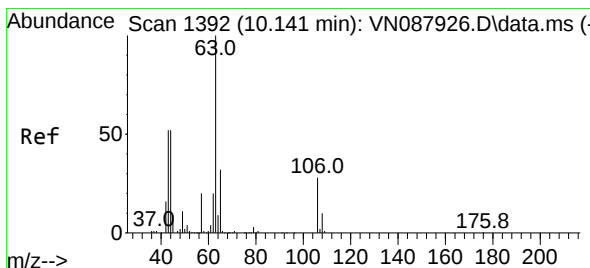
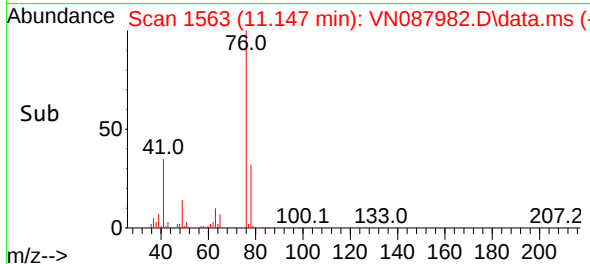
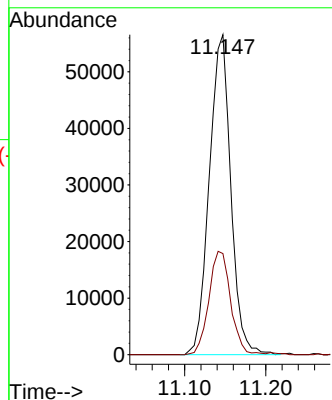
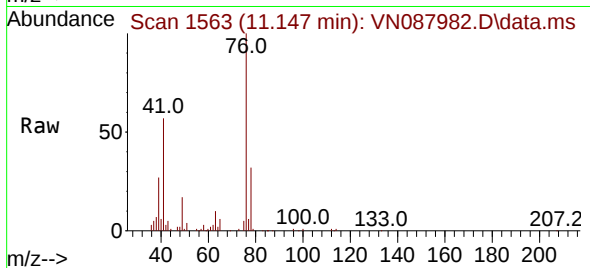
78 32.7 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#58

2-Chloroethyl Vinyl ether

Concen: 111.501 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN087982.D

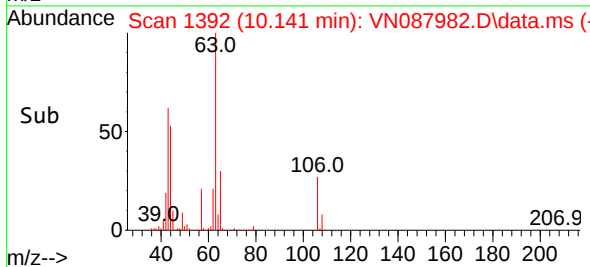
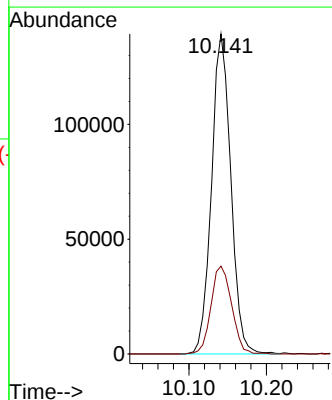
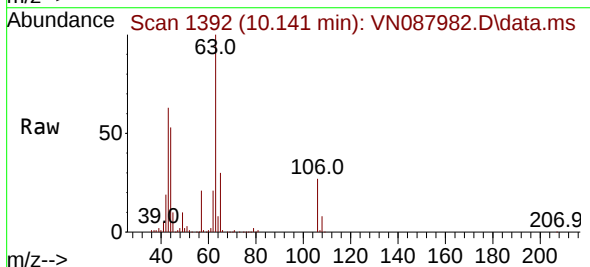
Acq: 29 Sep 2025 15:07

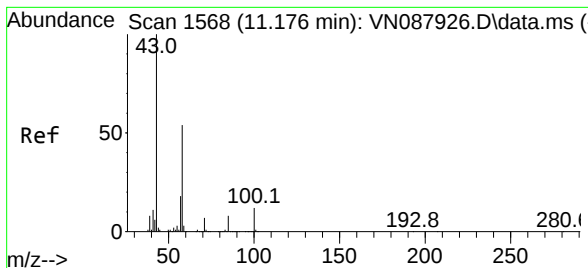
Tgt Ion: 63 Resp: 241467

Ion Ratio Lower Upper

63 100

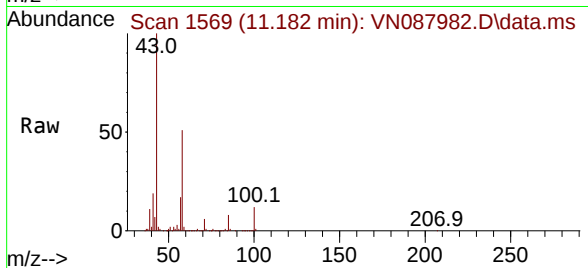
106 29.3 22.6 33.8





#59
2-Hexanone
Concen: 105.353 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

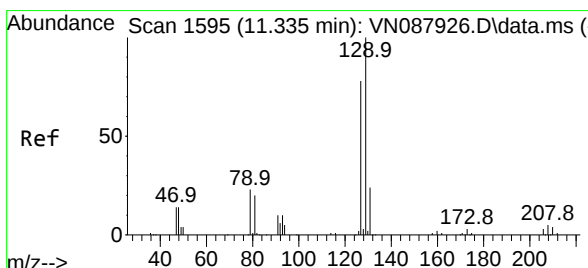
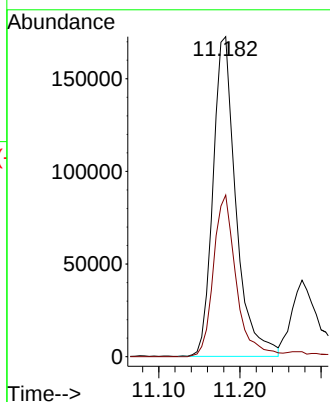
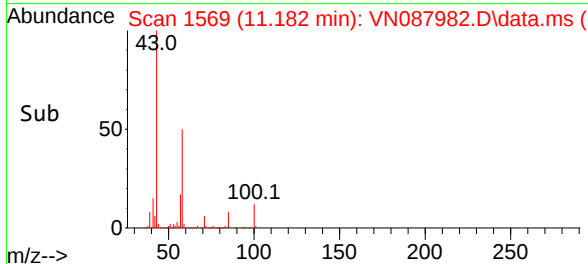
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01



Tgt Ion: 43 Resp: 339010
Ion Ratio Lower Upper
43 100
58 50.2 26.4 79.2

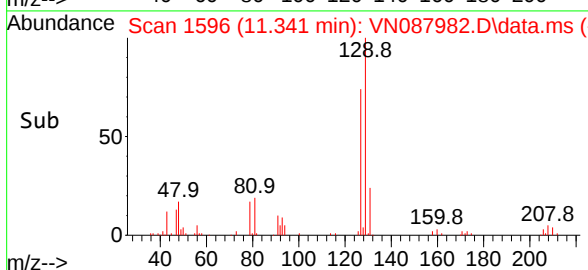
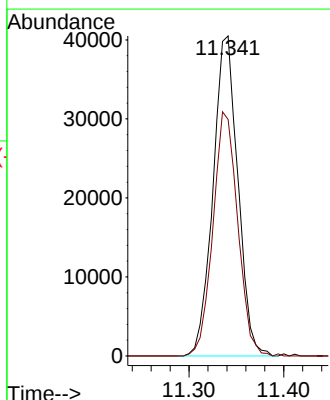
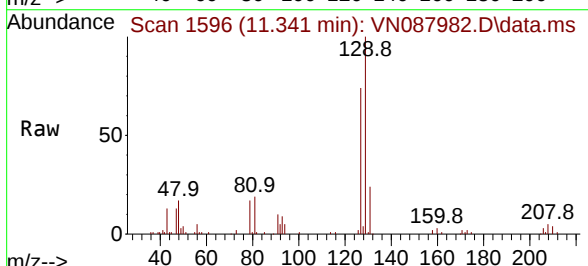
Manual Integrations
APPROVED

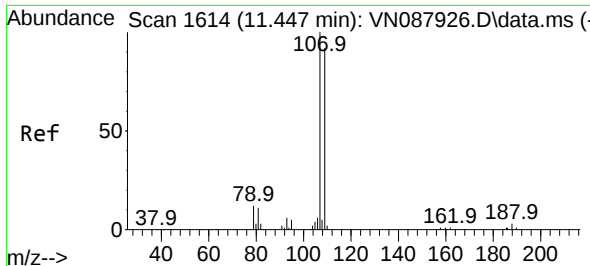
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#60
Dibromochloromethane
Concen: 19.724 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

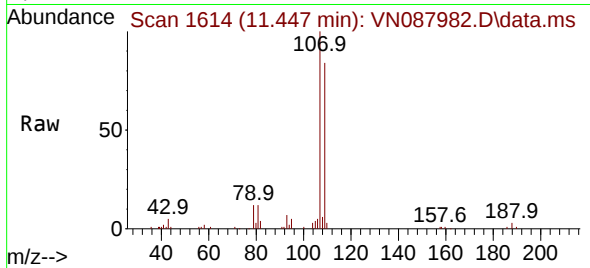
Tgt Ion:129 Resp: 73923
Ion Ratio Lower Upper
129 100
127 75.9 39.3 117.9





#61
1,2-Dibromoethane
Concen: 20.006 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

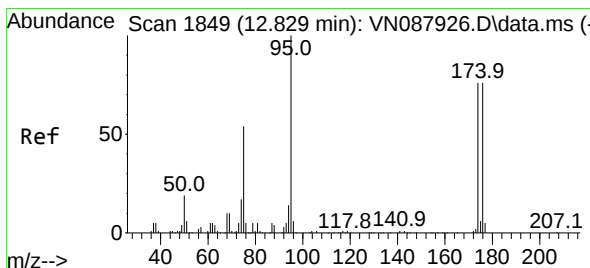
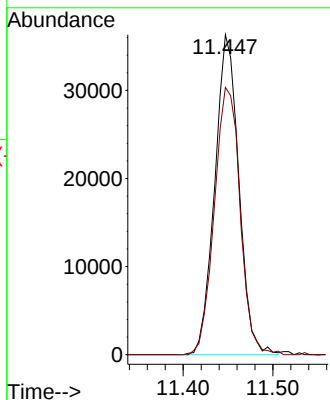
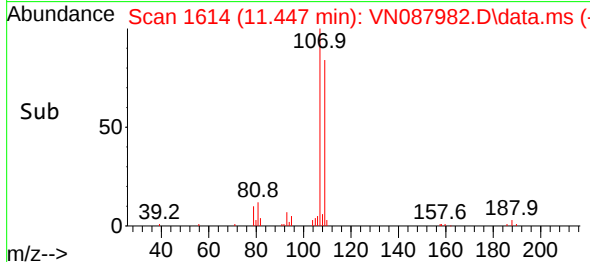
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01



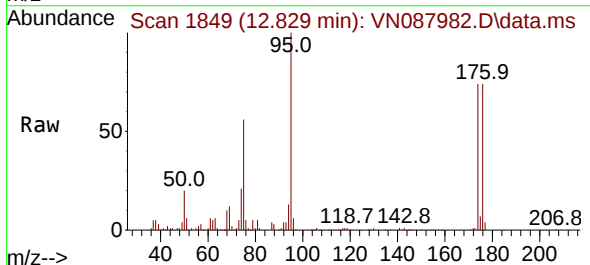
Tgt Ion:107 Resp: 67510
Ion Ratio Lower Upper
107 100
109 89.5 75.3 112.9

Manual Integrations
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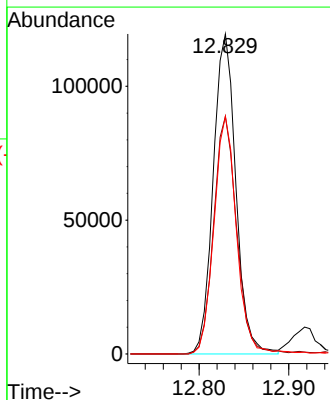
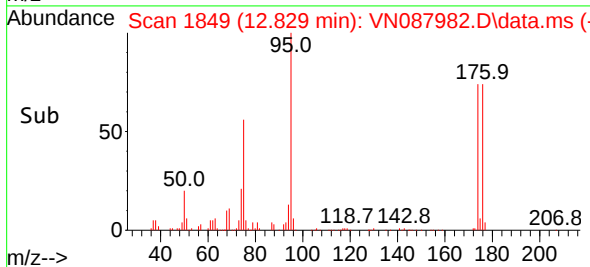
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

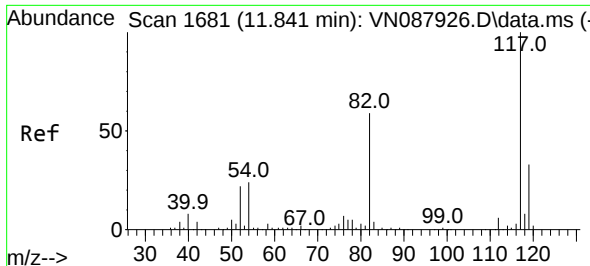


#62
4-Bromofluorobenzene
Concen: 53.118 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07



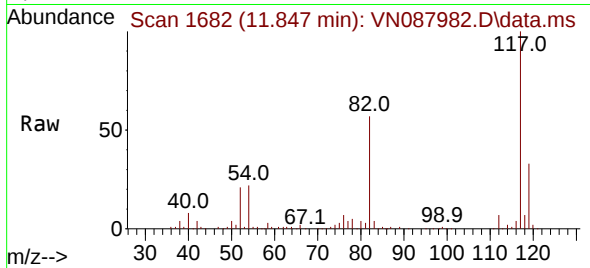
Tgt Ion: 95 Resp: 209511
Ion Ratio Lower Upper
95 100
174 75.6 0.0 159.2
176 74.4 0.0 152.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

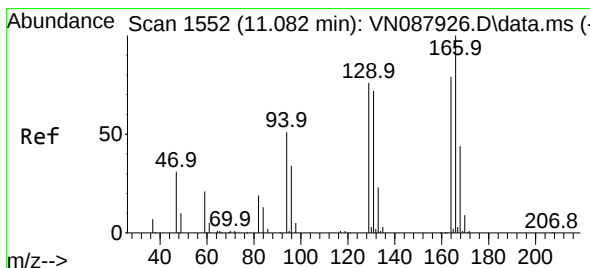
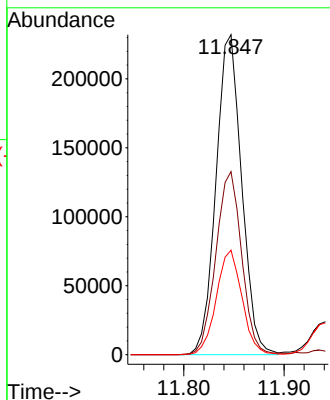
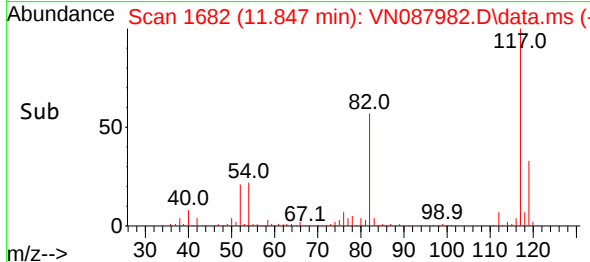
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01



Tgt Ion:117 Resp: 41277
Ion Ratio Lower Upper
117 100
82 57.2 47.0 70.4
119 32.7 26.1 39.1

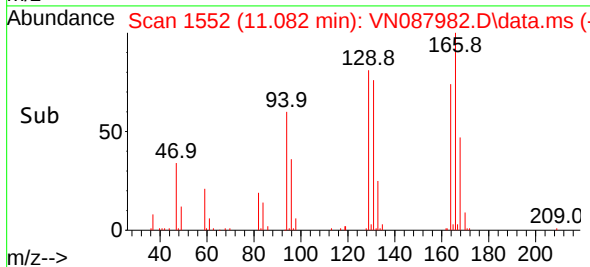
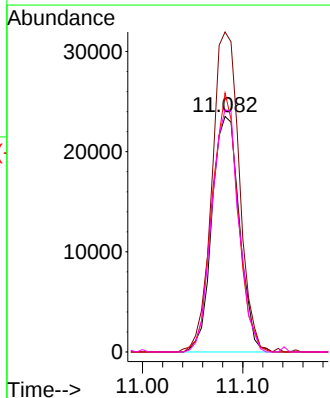
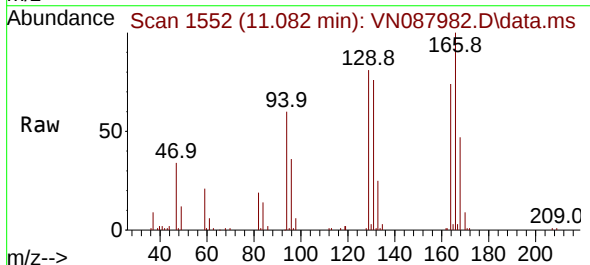
Manual Integrations
APPROVED

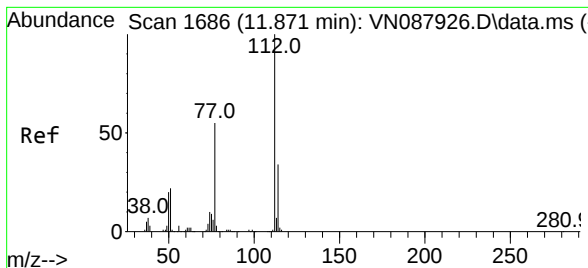
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#64
Tetrachloroethene
Concen: 17.799 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

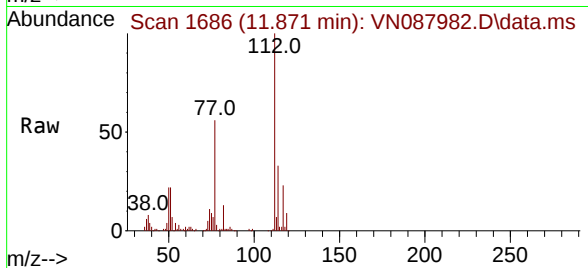
Tgt Ion:164 Resp: 44754
Ion Ratio Lower Upper
164 100
166 135.9 101.6 152.4
129 110.0 77.5 116.3
131 102.9 73.4 110.0





#65
Chlorobenzene
Concen: 19.603 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

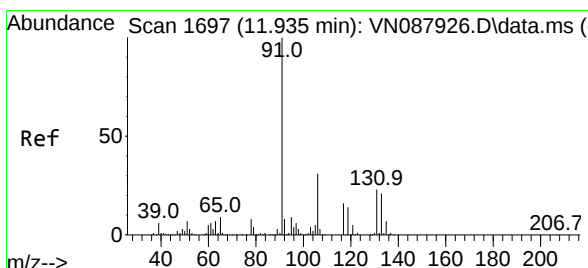
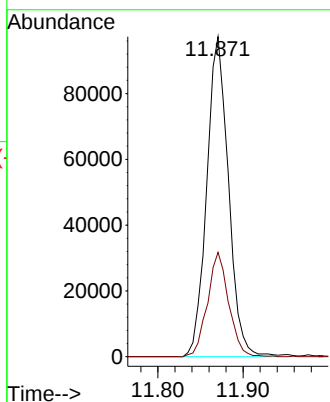
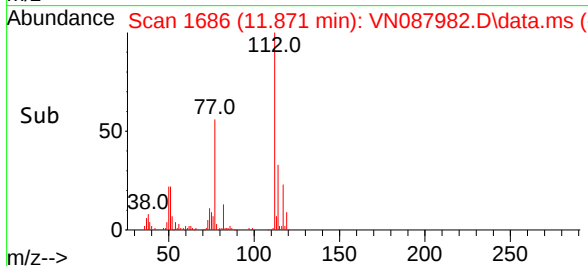
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01



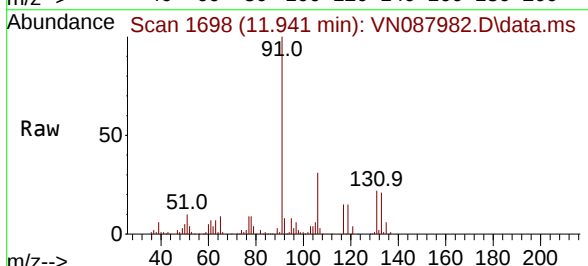
Tgt Ion:112 Resp: 172194
Ion Ratio Lower Upper
112 100
114 32.6 27.2 40.8

Manual Integrations
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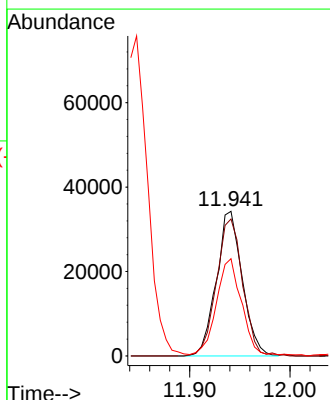
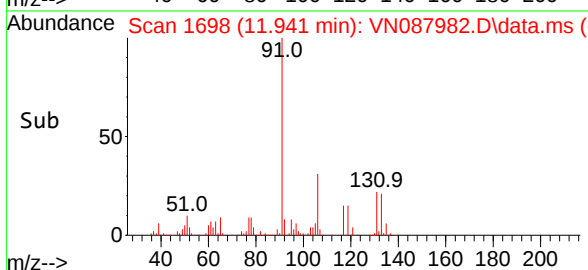
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

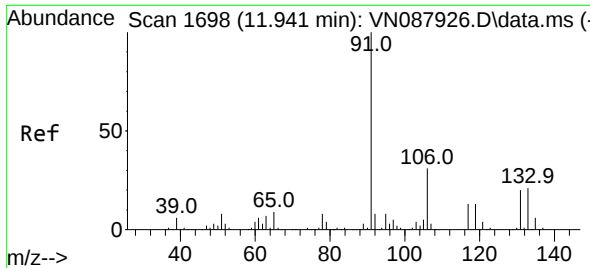


#66
1,1,1,2-Tetrachloroethane
Concen: 19.411 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07



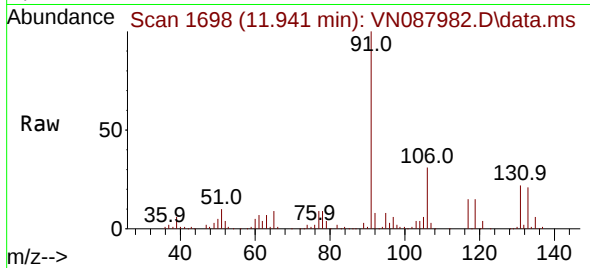
Tgt Ion:131 Resp: 61489
Ion Ratio Lower Upper
131 100
133 95.7 48.4 145.0
119 66.4 31.9 95.5





#67
Ethyl Benzene
Concen: 18.857 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

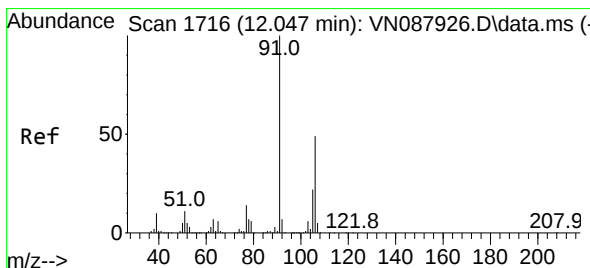
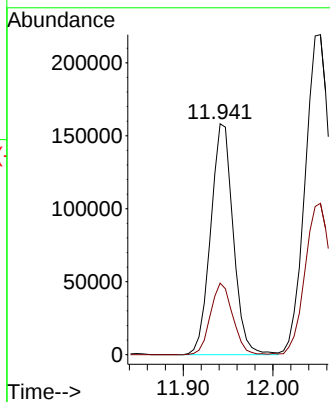
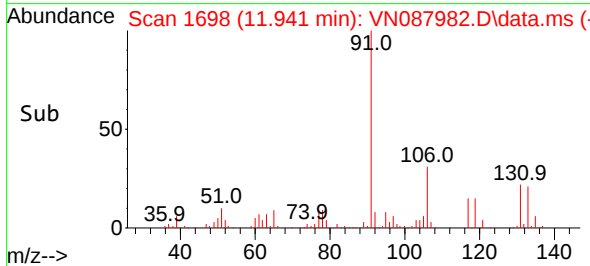
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01



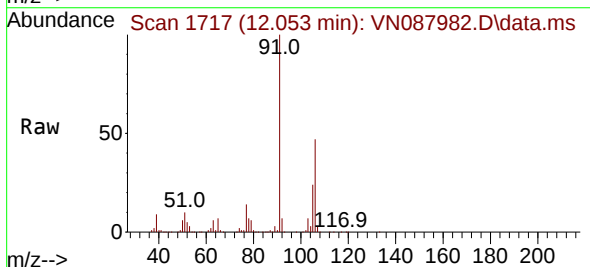
Tgt Ion: 91 Resp: 27639
Ion Ratio Lower Upper
91 100
106 31.0 25.2 37.8

Manual Integrations
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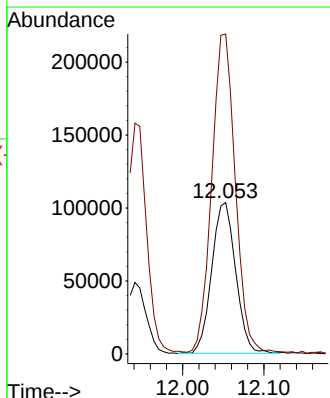
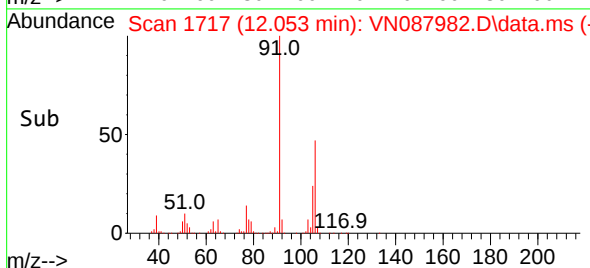
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

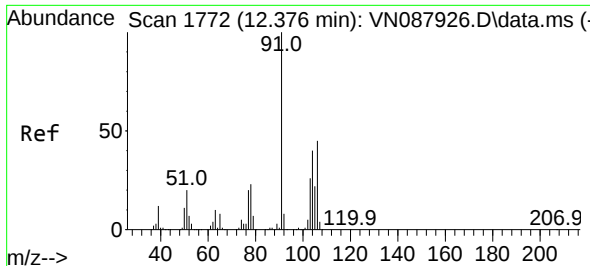


#68
m/p-Xylenes
Concen: 37.871 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07



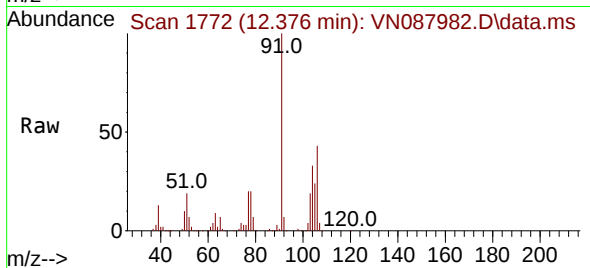
Tgt Ion:106 Resp: 212293
Ion Ratio Lower Upper
106 100
91 208.4 162.9 244.3





#69
o-Xylene
Concen: 18.113 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

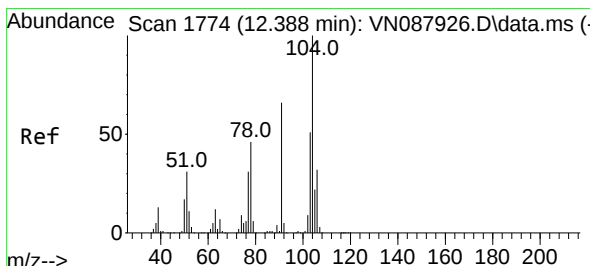
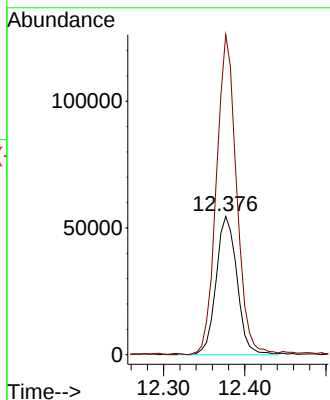
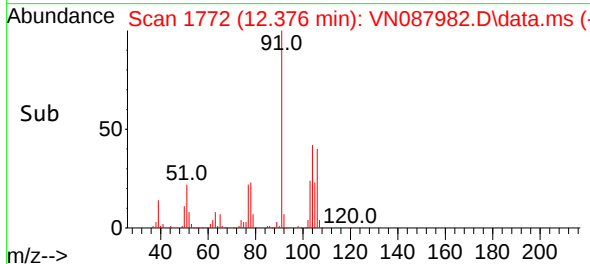
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01



Tgt Ion:106 Resp: 97554
Ion Ratio Lower Upper
106 100
91 223.6 108.2 324.6

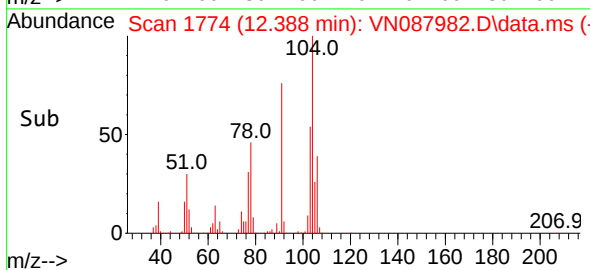
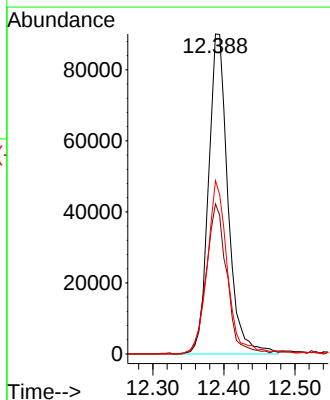
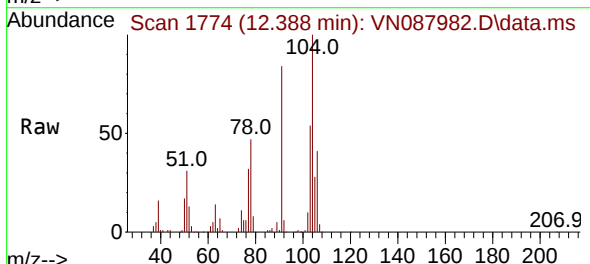
Manual Integrations
APPROVED

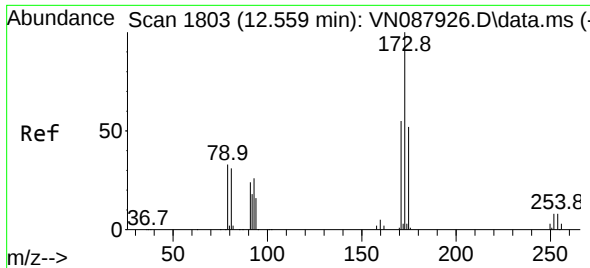
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#70
Styrene
Concen: 18.566 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

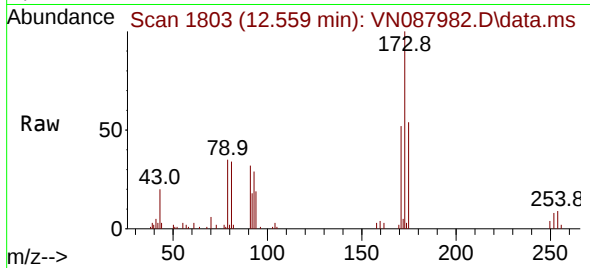
Tgt Ion:104 Resp: 171726
Ion Ratio Lower Upper
104 100
78 49.8 39.7 59.5
103 56.7 44.6 67.0





#71
Bromoform
Concen: 18.701 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

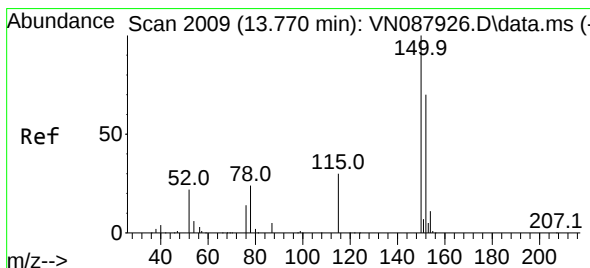
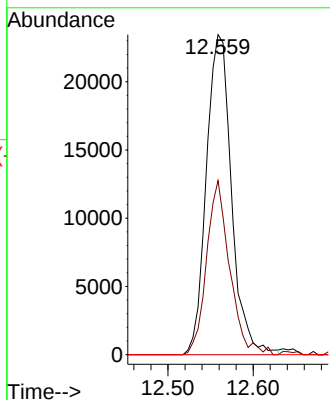
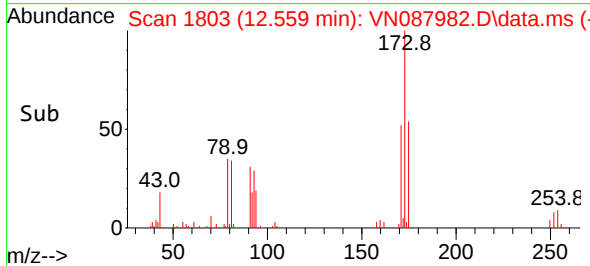
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01



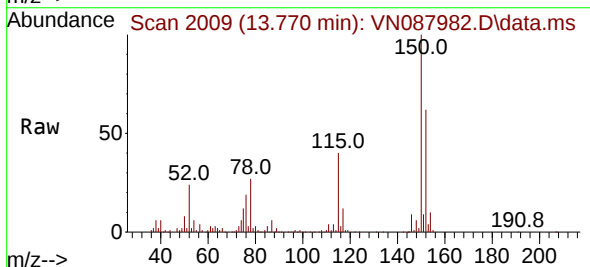
Tgt Ion:173 Resp: 48060
Ion Ratio Lower Upper
173 100
175 50.2 23.7 71.1
254 0.0 0.1 0.1

Manual Integrations
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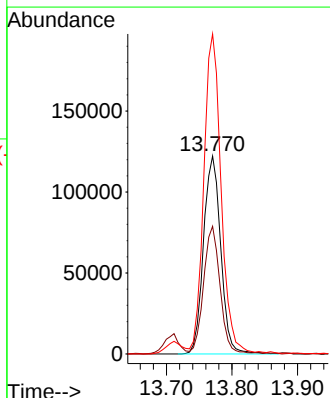
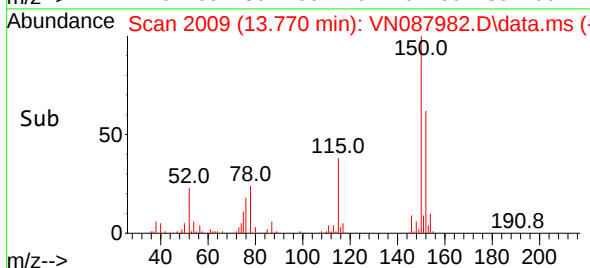
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

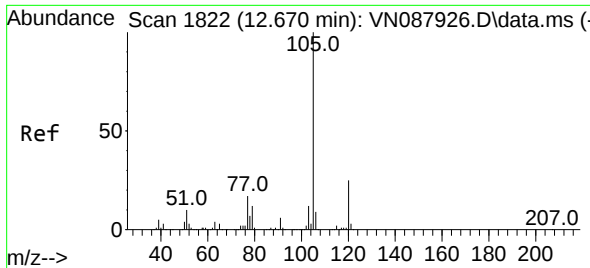


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07



Tgt Ion:152 Resp: 223894
Ion Ratio Lower Upper
152 100
115 60.7 29.9 89.7
150 160.3 0.0 335.0





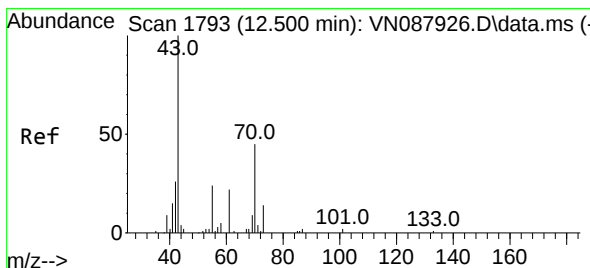
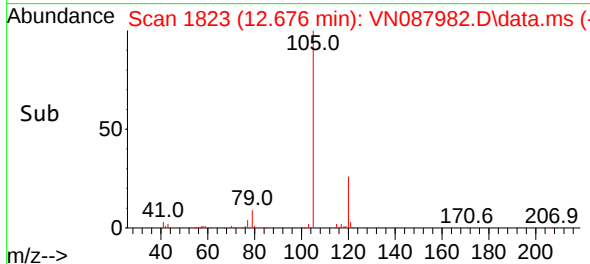
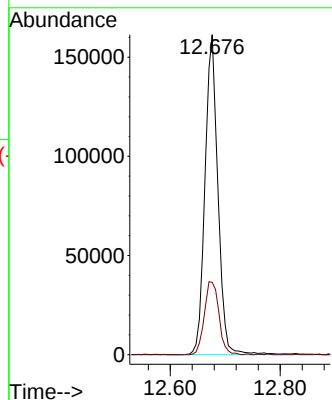
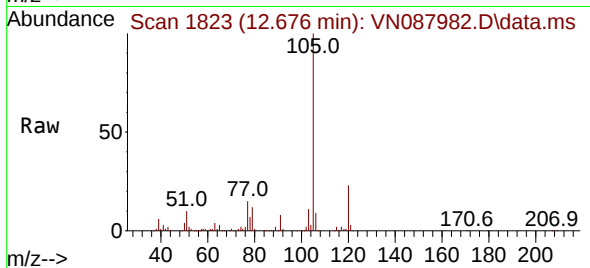
#73
Isopropylbenzene
Concen: 18.943 ug/l
RT: 12.676 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

Tgt Ion:105 Resp: 262850
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.1

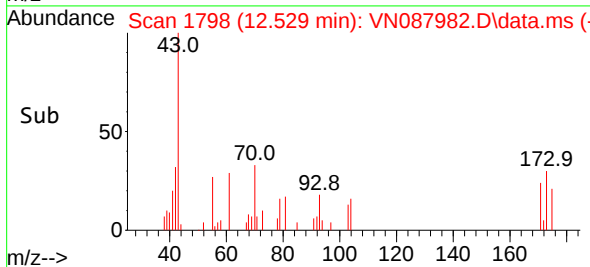
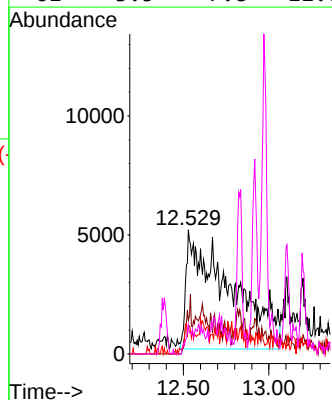
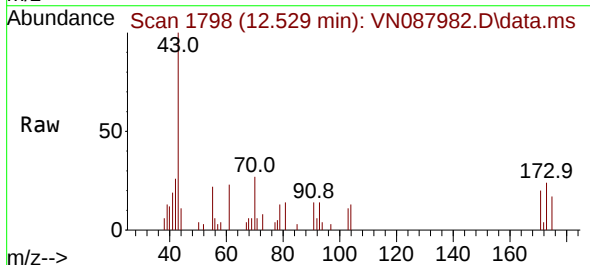
Manual Integrations
APPROVED

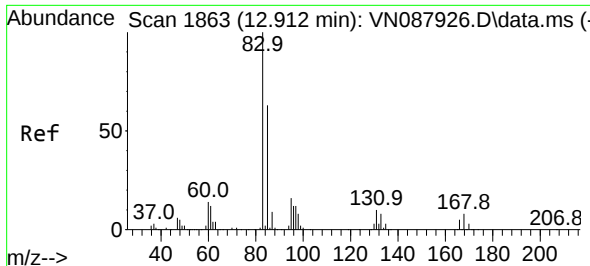
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#74
N-ethyl acetate
Concen: 19.278 ug/l m
RT: 12.529 min Scan# 1798
Delta R.T. 0.029 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

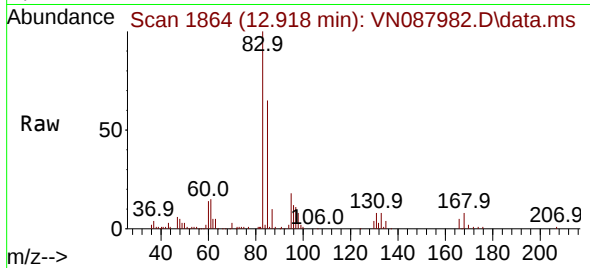
Tgt Ion: 43 Resp: 88142
Ion Ratio Lower Upper
43 100
70 5.4 19.8 29.8#
55 0.0 9.6 14.4#
61 3.5 7.8 11.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 21.155 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

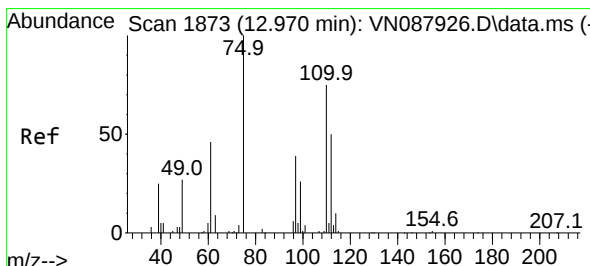
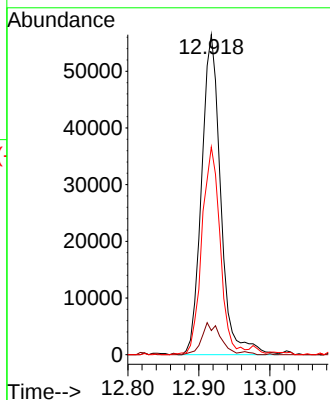
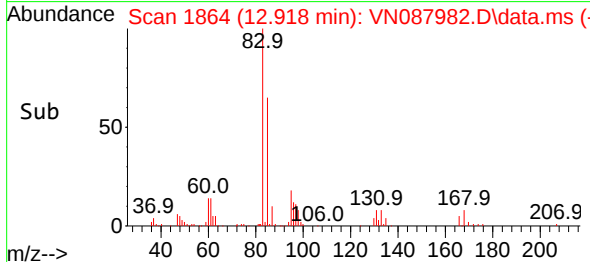
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01



Tgt Ion: 83 Resp: 105770
Ion Ratio Lower Upper
83 100
131 9.8 5.2 15.6
85 62.1 32.4 97.0

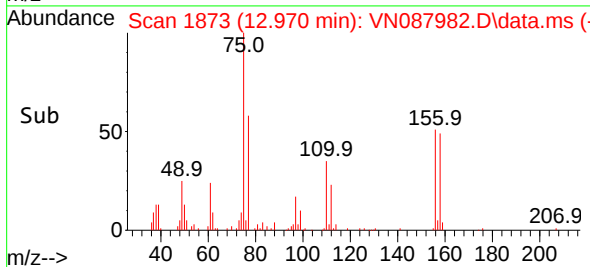
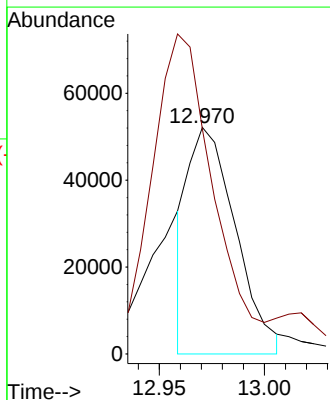
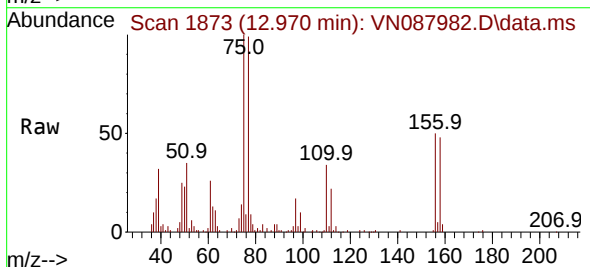
Manual Integrations
APPROVED

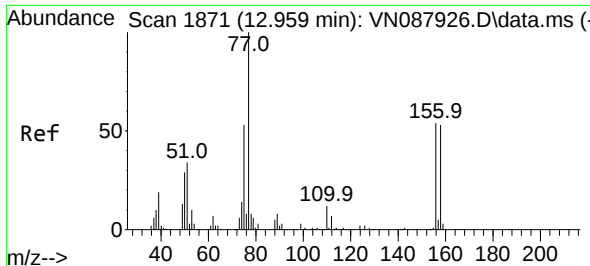
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#76
1,2,3-Trichloropropane
Concen: 18.552 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion: 75 Resp: 81878
Ion Ratio Lower Upper
75 100
77 185.6 89.5 268.5





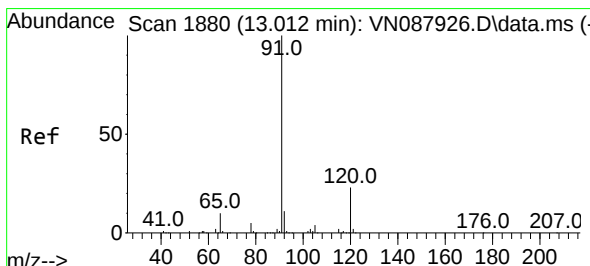
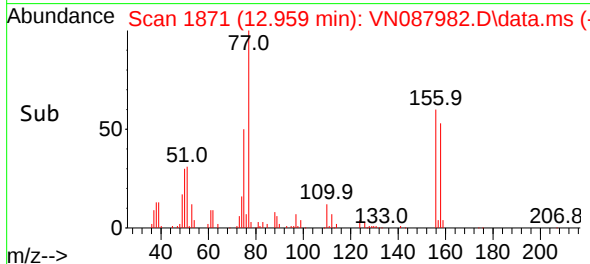
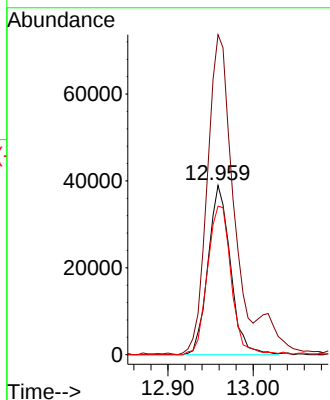
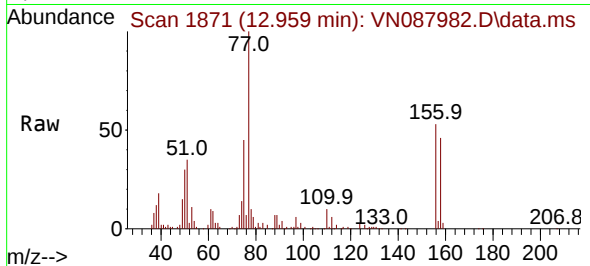
#77
Bromobenzene
Concen: 19.255 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

Tgt Ion:156 Resp: 71090
Ion Ratio Lower Upper
156 100
77 213.8 108.2 324.6
158 93.5 49.6 149.0

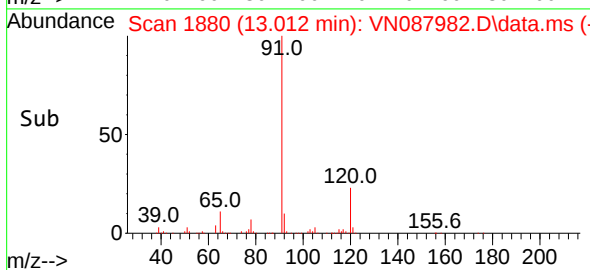
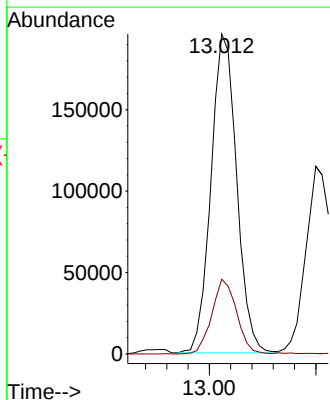
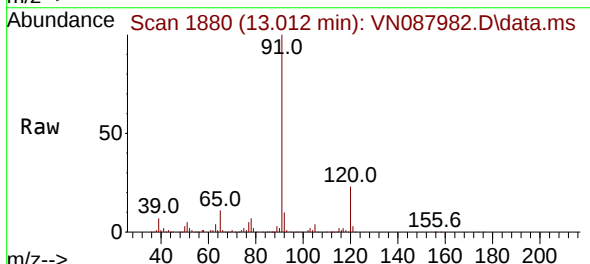
Manual Integrations
APPROVED

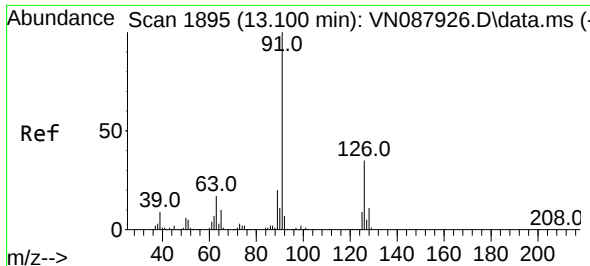
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#78
n-propylbenzene
Concen: 18.875 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion: 91 Resp: 327469
Ion Ratio Lower Upper
91 100
120 22.6 11.1 33.1





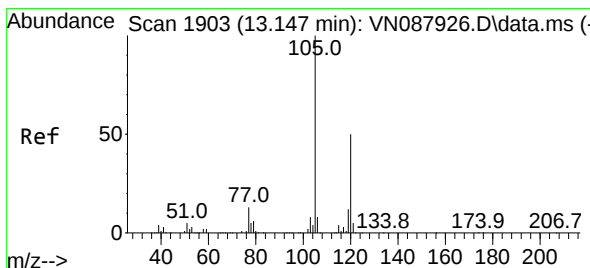
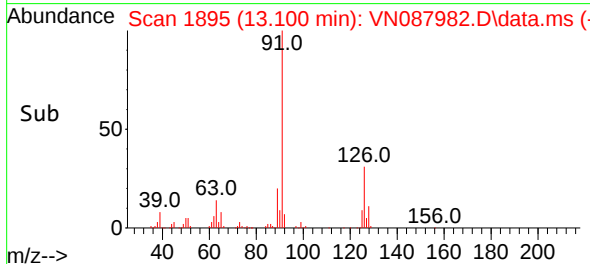
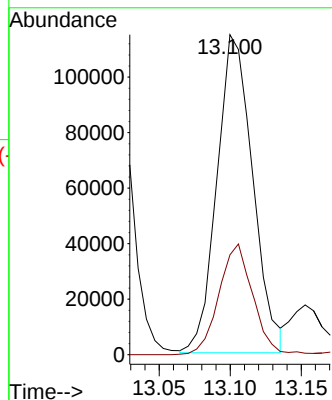
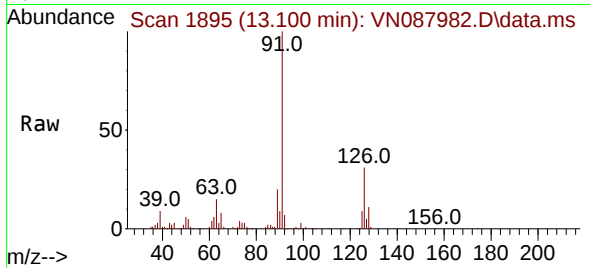
#79
2-Chlorotoluene
Concen: 19.054 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

Tgt Ion: 91 Resp: 201285
Ion Ratio Lower Upper
91 100
126 32.9 16.6 49.8

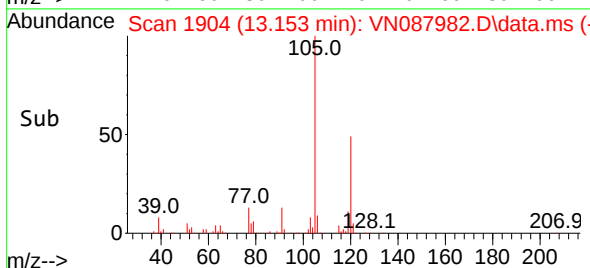
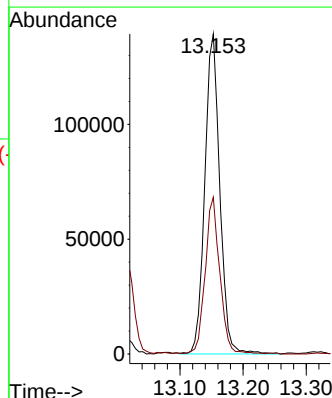
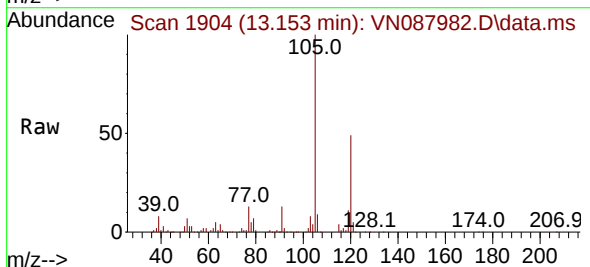
Manual Integrations
APPROVED

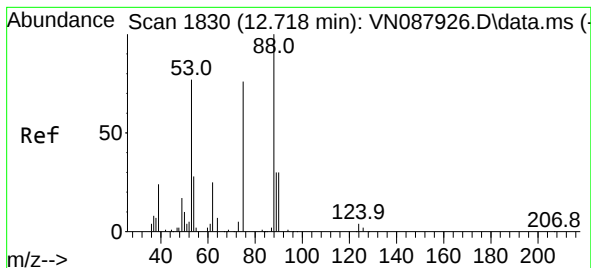
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.201 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

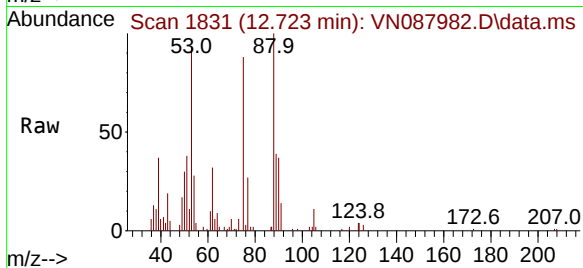
Tgt Ion:105 Resp: 230467
Ion Ratio Lower Upper
105 100
120 47.2 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 16.758 ug/l
RT: 12.723 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

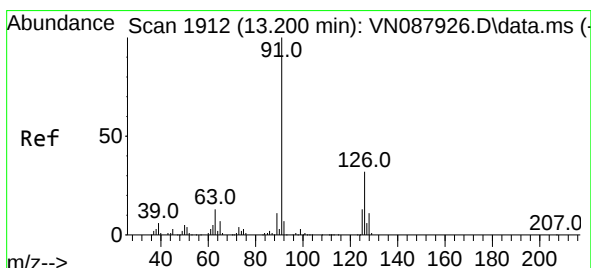
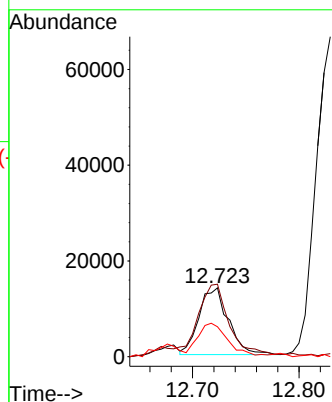
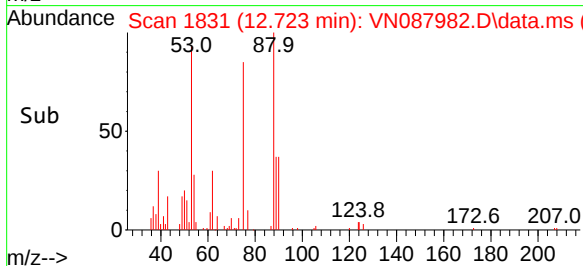
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01



Tgt Ion: 75 Resp: 26634
Ion Ratio Lower Upper
75 100
53 111.8 82.0 123.0
89 51.8 36.1 54.1

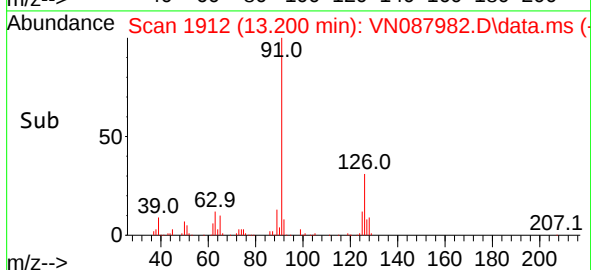
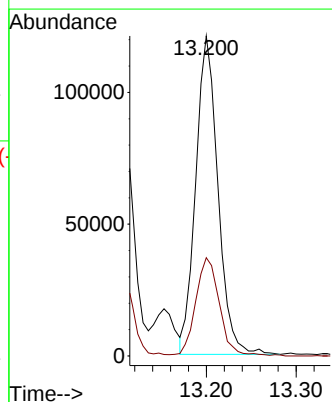
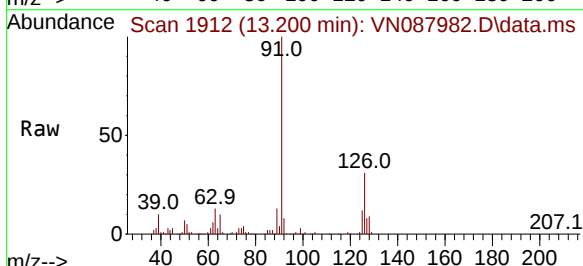
Manual Integrations
APPROVED

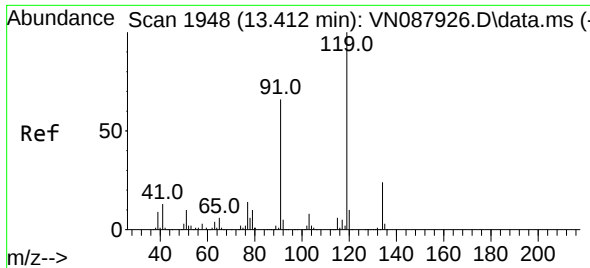
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#82
4-Chlorotoluene
Concen: 19.488 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

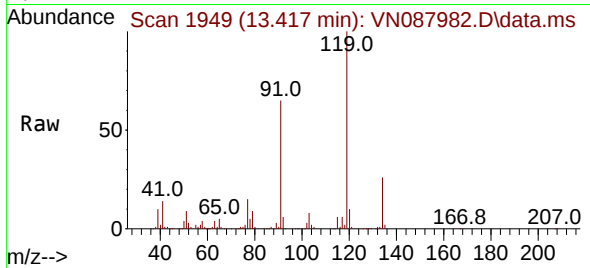
Tgt Ion: 91 Resp: 207433
Ion Ratio Lower Upper
91 100
126 33.2 16.9 50.6





#83
 tert-Butylbenzene
 Concen: 18.681 ug/l
 RT: 13.417 min Scan# 1949
 Delta R.T. 0.006 min
 Lab File: VN087982.D
 Acq: 29 Sep 2025 15:07

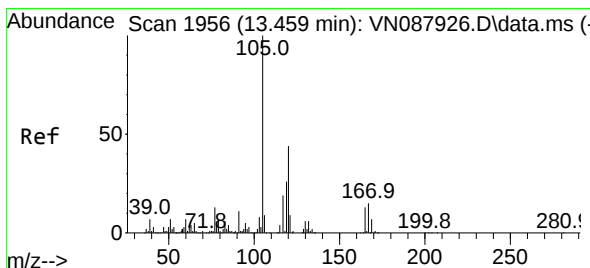
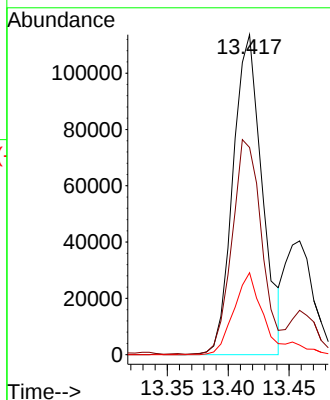
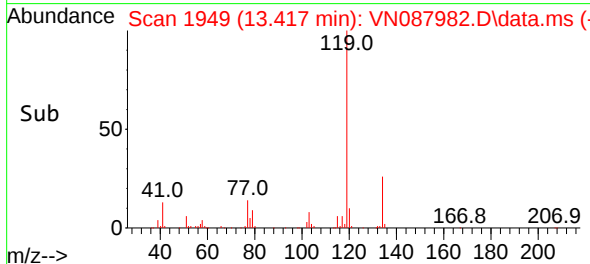
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBSD01



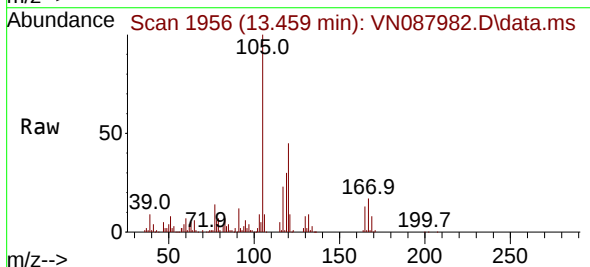
Tgt Ion:119 Resp: 189784
 Ion Ratio Lower Upper
 119 100
 91 67.6 32.1 96.3
 134 27.5 12.3 36.8

Manual Integrations
 APPROVED

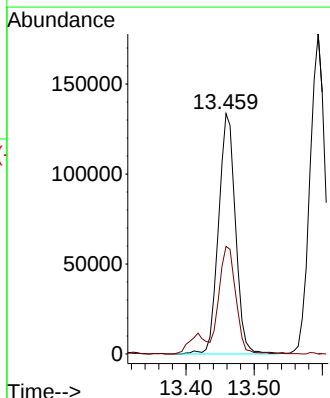
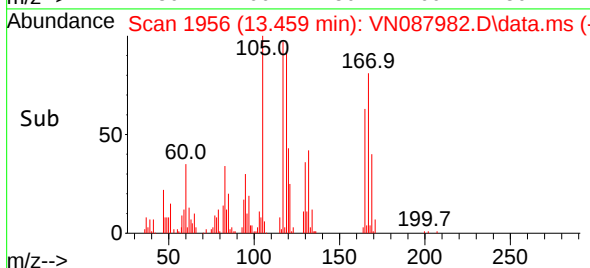
Reviewed By :John Carlone 09/30/2025
 Supervised By :Mahesh Dadoda 10/03/2025

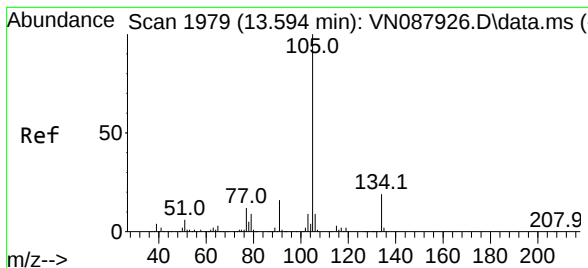


#84
 1,2,4-Trimethylbenzene
 Concen: 18.750 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VN087982.D
 Acq: 29 Sep 2025 15:07



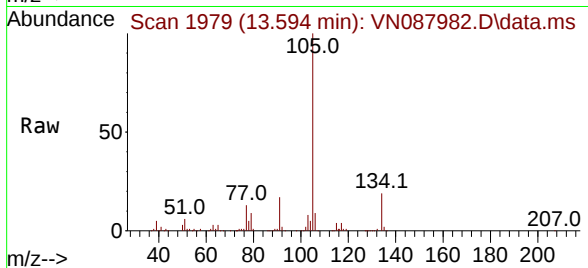
Tgt Ion:105 Resp: 230833
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 19.001 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087982.D
 Acq: 29 Sep 2025 15:07

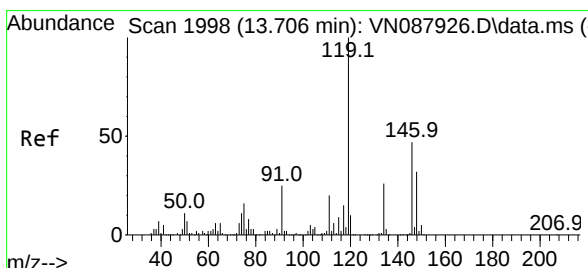
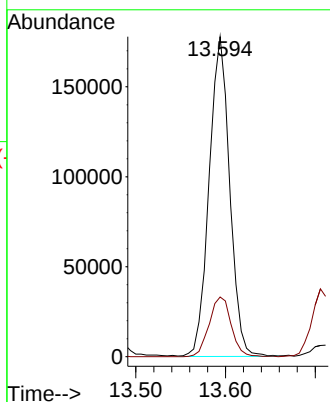
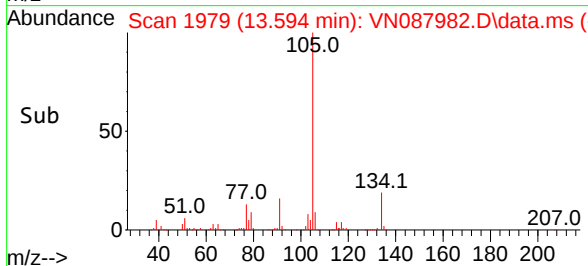
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBSD01



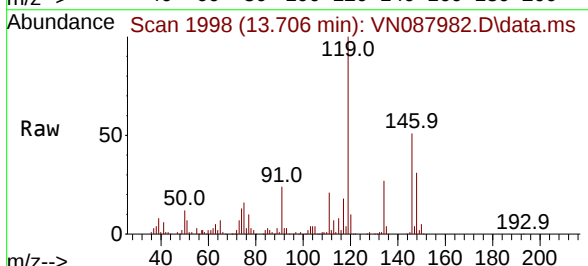
Tgt Ion:105 Resp: 283025
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.6 28.8

Manual Integrations
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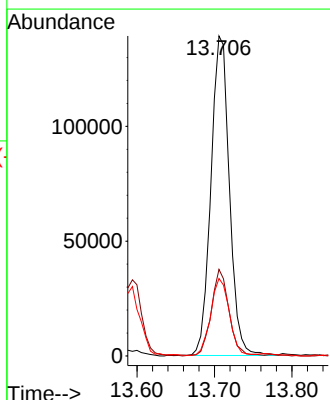
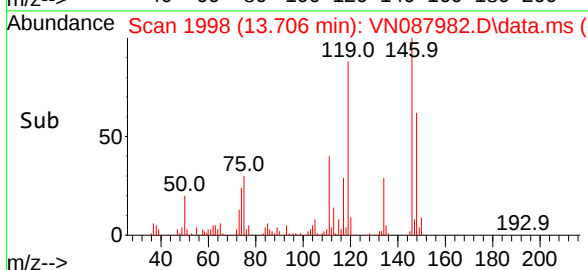
Reviewed By :John Carlone 09/30/2025
 Supervised By :Mahesh Dadoda 10/03/2025

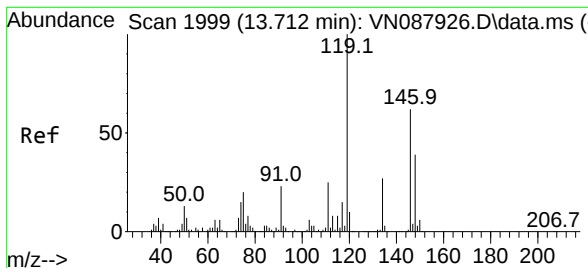


#86
 p-Isopropyltoluene
 Concen: 18.292 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087982.D
 Acq: 29 Sep 2025 15:07



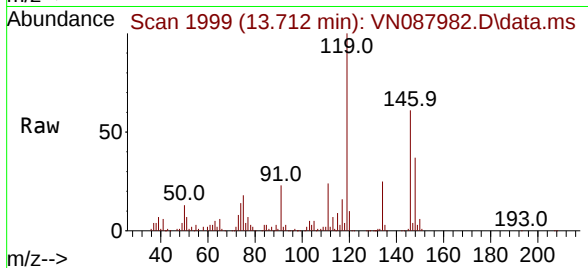
Tgt Ion:119 Resp: 230764
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.3
 91 24.3 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 19.309 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

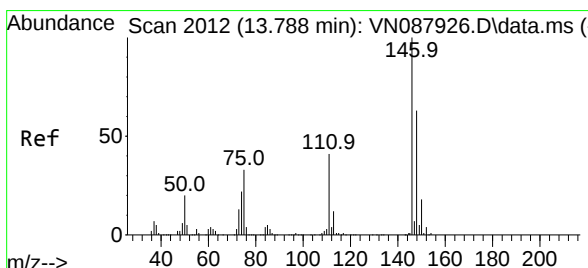
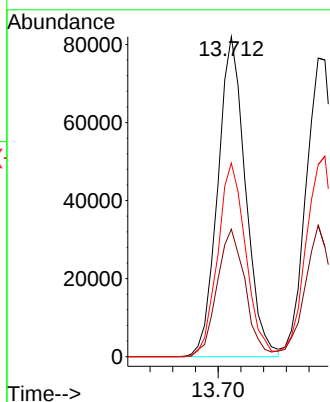
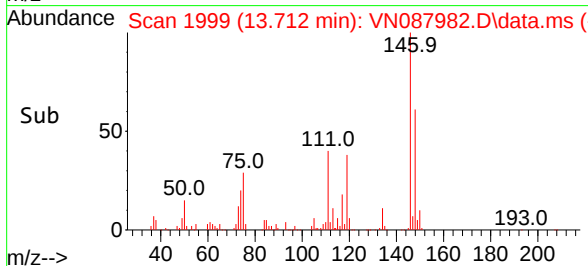
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01



Tgt Ion:146 Resp: 139118
Ion Ratio Lower Upper
146 100
111 40.4 20.3 60.8
148 61.5 32.4 97.2

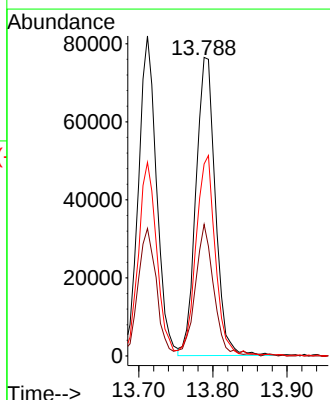
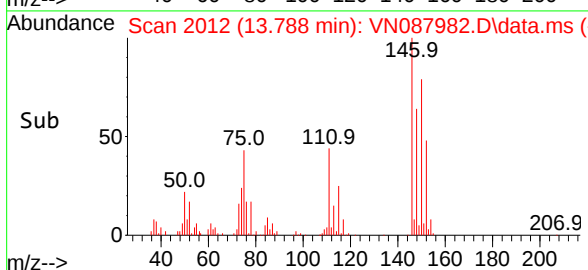
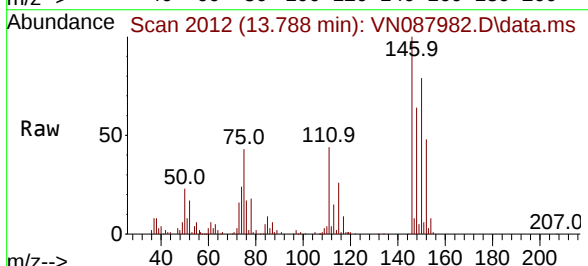
Manual Integrations
APPROVED

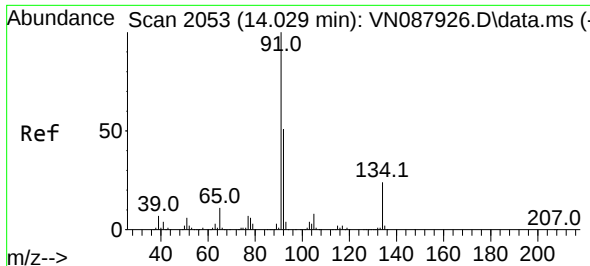
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#88
1,4-Dichlorobenzene
Concen: 18.815 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion:146 Resp: 139311
Ion Ratio Lower Upper
146 100
111 42.3 20.5 61.5
148 67.7 32.8 98.4





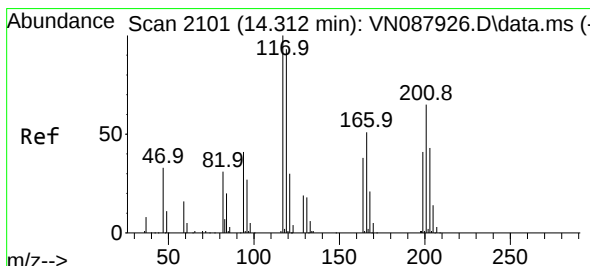
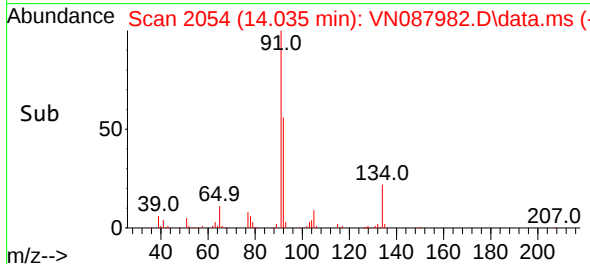
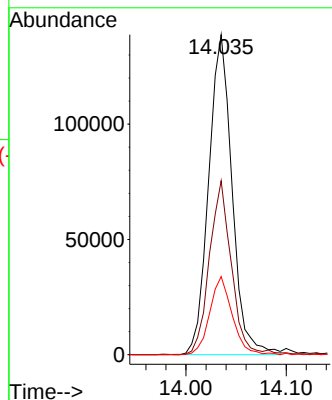
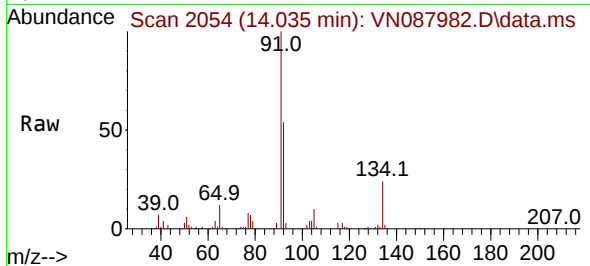
#89
n-Butylbenzene
Concen: 18.917 ug/l
RT: 14.035 min Scan# 2053
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

Tgt Ion: 91 Resp: 22553
Ion Ratio Lower Upper
91 100
92 51.4 25.9 77.8
134 23.5 12.6 37.8

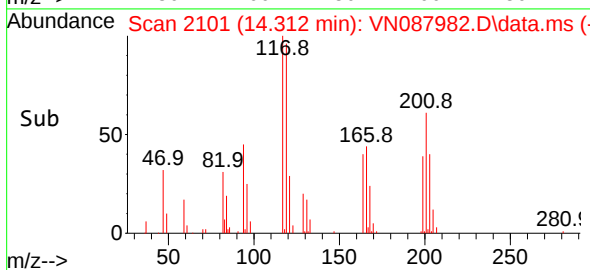
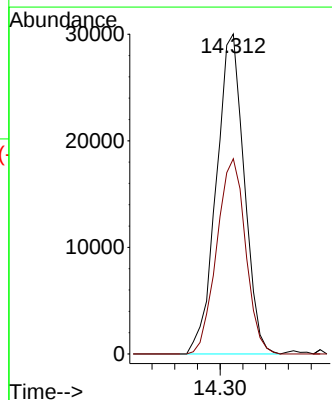
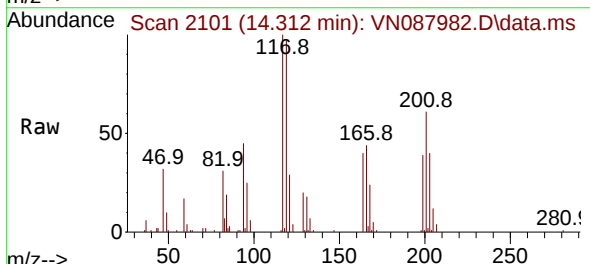
Manual Integrations
APPROVED

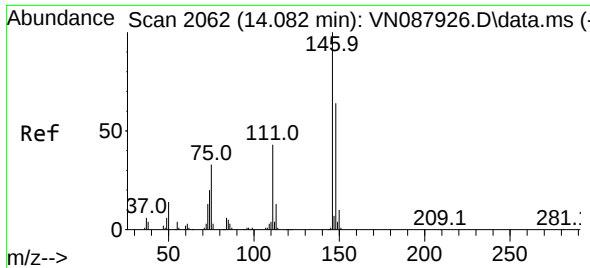
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#90
Hexachloroethane
Concen: 19.394 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

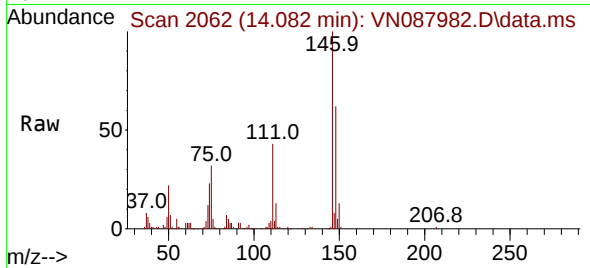
Tgt Ion:117 Resp: 51107
Ion Ratio Lower Upper
117 100
201 63.1 33.6 100.6





#91
1,2-Dichlorobenzene
Concen: 19.302 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

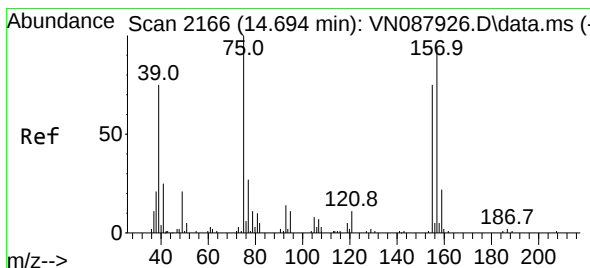
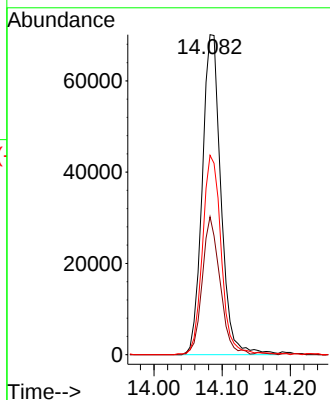
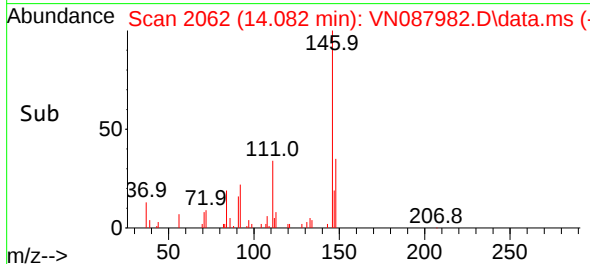
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01



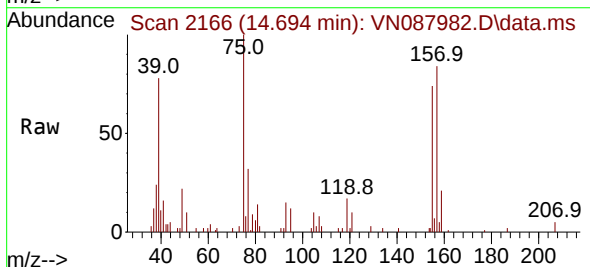
Tgt Ion:146 Resp: 134048
Ion Ratio Lower Upper
146 100
111 40.9 20.9 62.7
148 62.3 31.9 95.9

Manual Integrations
APPROVED

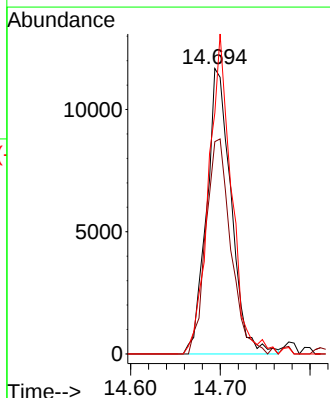
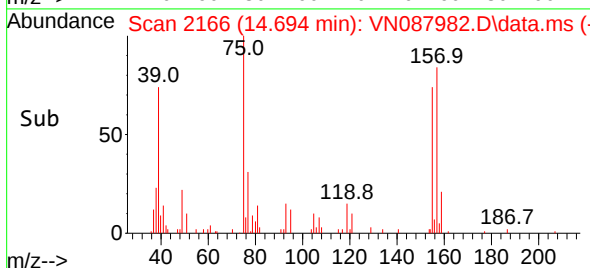
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

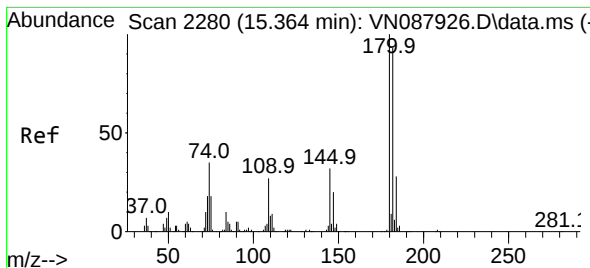


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.123 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07



Tgt Ion: 75 Resp: 22215
Ion Ratio Lower Upper
75 100
155 76.7 40.2 120.6
157 103.8 50.9 152.7





#93

1,2,4-Trichlorobenzene

Concen: 18.723 ug/l

RT: 15.364 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBSD01

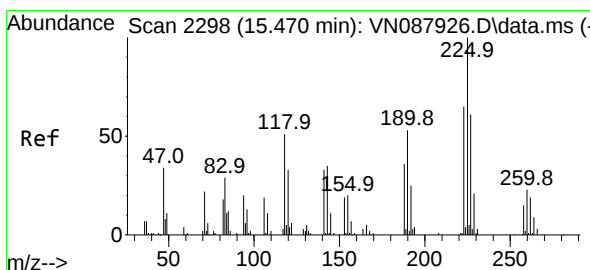
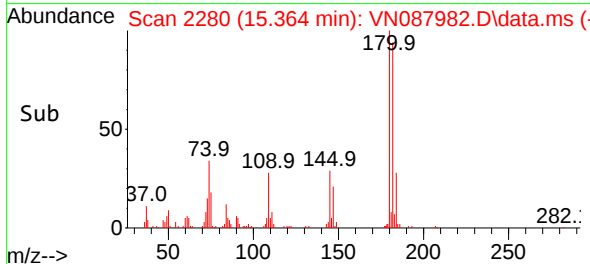
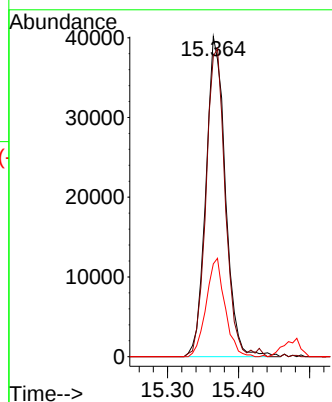
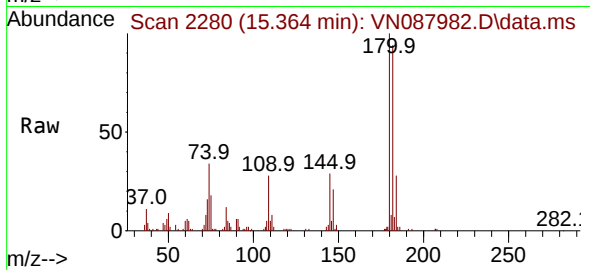
Tgt Ion:	180	Resp:	76772
Ion Ratio	Lower	Upper	
180	100		
182	93.9	48.5	145.5
145	29.6	15.9	47.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#94

Hexachlorobutadiene

Concen: 20.327 ug/l

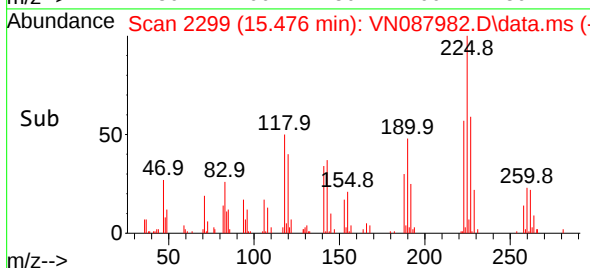
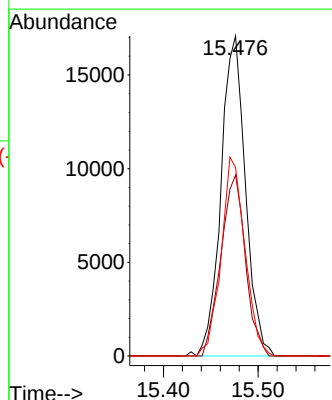
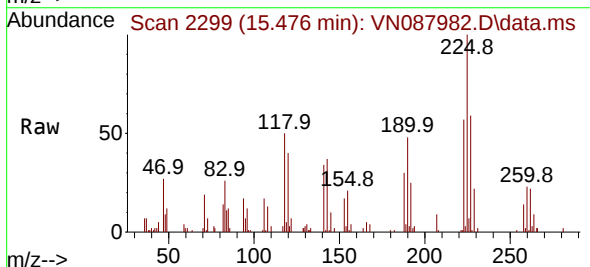
RT: 15.476 min Scan# 2299

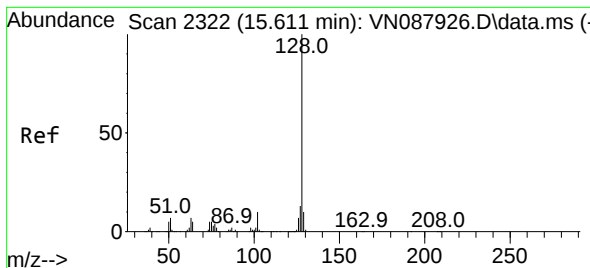
Delta R.T. 0.006 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

Tgt Ion:	225	Resp:	30678
Ion Ratio	Lower	Upper	
225	100		
223	56.9	31.8	95.4
227	60.4	31.9	95.9





#95

Naphthalene

Concen: 18.172 ug/l

RT: 15.617 min Scan# 2322

Delta R.T. 0.006 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBSD01

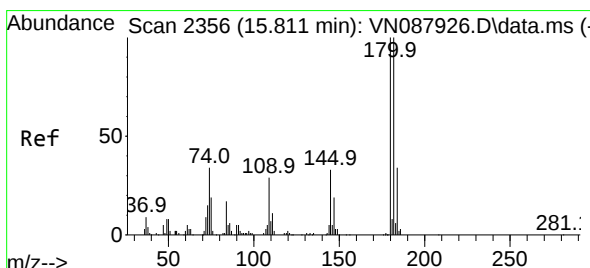
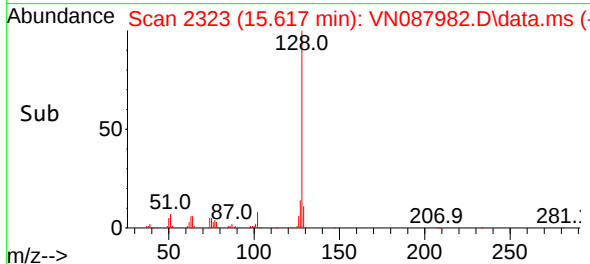
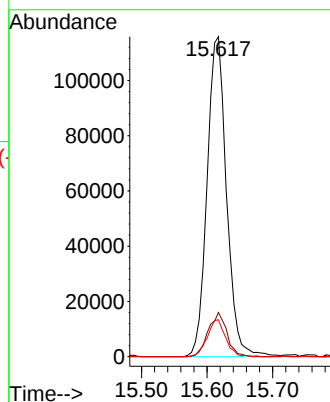
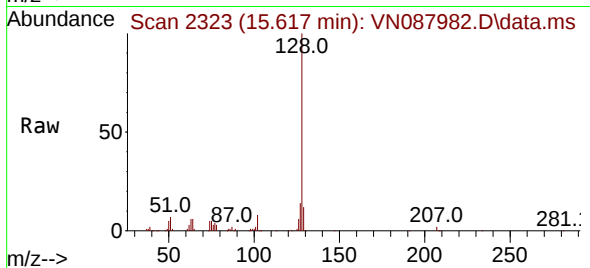
Tgt Ion:128	Resp: 239189
Ion Ratio	Lower Upper
128 100	
127 13.3	10.2 15.4
129 10.9	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#96

1,2,3-Trichlorobenzene

Concen: 18.702 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

Tgt Ion:180	Resp: 74553
Ion Ratio	Lower Upper
180 100	
182 93.4	47.3 142.0
145 34.3	16.1 48.3

