

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092925\
 Data File : VN087980.D
 Acq On : 29 Sep 2025 14:25
 Operator : JC\MD
 Sample : VN0929MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929MBS01

Manual Integrations
 APPROVED

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

Quant Time: Sep 30 03:54:26 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

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	232663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	425414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	396342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	218719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	190346	48.613	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.220%		
35) Dibromofluoromethane	8.153	113	142370	46.093	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.180%		
50) Toluene-d8	10.547	98	505818	46.568	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.140%		
62) 4-Bromofluorobenzene	12.829	95	180161	46.403	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	54411	20.194	ug/l	99
3) Chloromethane	2.383	50	56037	20.312	ug/l	100
4) Vinyl Chloride	2.536	62	59925	21.290	ug/l	98
5) Bromomethane	2.977	94	39011	22.357	ug/l	92
6) Chloroethane	3.136	64	37017	20.227	ug/l	99
7) Trichlorofluoromethane	3.512	101	94390	20.597	ug/l	98
8) Diethyl Ether	3.954	74	34522	19.940	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.365	101	53817	22.219	ug/l #	73
10) Methyl Iodide	4.577	142	50760	23.285	ug/l	91
11) Tert butyl alcohol	5.524	59	63599	112.770	ug/l	98
12) 1,1-Dichloroethene	4.342	96	50757	20.769	ug/l	91
13) Acrolein	4.177	56	59465	82.175	ug/l	98
14) Allyl chloride	5.012	41	74341	18.684	ug/l	93
15) Acrylonitrile	5.706	53	187954	106.246	ug/l	99
16) Acetone	4.418	43	154587	95.956	ug/l	94
17) Carbon Disulfide	4.700	76	144479	18.921	ug/l	96
18) Methyl Acetate	5.012	43	97581	24.203	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	194817	20.406	ug/l	98
20) Methylene Chloride	5.253	84	66313	20.336	ug/l	96
21) trans-1,2-Dichloroethene	5.771	96	56610	18.895	ug/l #	90
22) Diisopropyl ether	6.659	45	189661	20.420	ug/l	98
23) Vinyl Acetate	6.595	43	861017	110.097	ug/l	97
24) 1,1-Dichloroethane	6.553	63	109468	20.173	ug/l	95
25) 2-Butanone	7.471	43	258543	104.997	ug/l	100
26) 2,2-Dichloropropane	7.471	77	90947	18.864	ug/l	95
27) cis-1,2-Dichloroethene	7.471	96	68684	19.267	ug/l	96
28) Bromochloromethane	7.794	49	50000	16.959	ug/l	95
29) Tetrahydrofuran	7.824	42	168362	106.781	ug/l	98
30) Chloroform	7.947	83	122917	20.716	ug/l	97
31) Cyclohexane	8.236	56	91090	20.746	ug/l	92
32) 1,1,1-Trichloroethane	8.147	97	101301	20.206	ug/l	98
36) 1,1-Dichloropropene	8.353	75	78114	21.032	ug/l	99
37) Ethyl Acetate	7.547	43	100298	20.565	ug/l	99
38) Carbon Tetrachloride	8.347	117	87925	20.631	ug/l	98
39) Methylcyclohexane	9.583	83	83804	20.454	ug/l	98
40) Benzene	8.588	78	249230	20.267	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	53977	21.415	ug/l	97
42) 1,2-Dichloroethane	8.653	62	95768	20.868	ug/l	99
43) Isopropyl Acetate	8.677	43	159384	20.761	ug/l	100
44) Trichloroethene	9.330	130	58961	20.072	ug/l	96
45) 1,2-Dichloropropane	9.606	63	62769	20.356	ug/l	96
46) Dibromomethane	9.694	93	50675	20.827	ug/l	95
47) Bromodichloromethane	9.871	83	101246	21.215	ug/l	99
48) Methyl methacrylate	9.665	41	72380	20.359	ug/l	98
49) 1,4-Dioxane	9.683	88	27040	514.850	ug/l #	97
51) 4-Methyl-2-Pentanone	10.424	43	529791	110.595	ug/l	99
52) Toluene	10.612	92	155407	20.138	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	93992	19.244	ug/l	96
54) cis-1,3-Dichloropropene	10.294	75	102454	20.196	ug/l	95
55) 1,1,2-Trichloroethane	10.994	97	65866	20.992	ug/l	98
56) Ethyl methacrylate	10.859	69	92009	20.294	ug/l	96
57) 1,3-Dichloropropane	11.141	76	105916	20.523	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	251643	118.046	ug/l	98
59) 2-Hexanone	11.182	43	344756	108.841	ug/l	99
60) Dibromochloromethane	11.335	129	76328	20.690	ug/l	100
61) 1,2-Dibromoethane	11.447	107	67188	20.227	ug/l	98
64) Tetrachloroethene	11.082	164	51254	21.229	ug/l	94
65) Chlorobenzene	11.871	112	167460	19.854	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.935	131	62115	20.422	ug/l	95
67) Ethyl Benzene	11.941	91	279812	19.882	ug/l	98
68) m/p-Xylenes	12.053	106	223884	41.594	ug/l	99
69) o-Xylene	12.376	106	102315	19.785	ug/l	99
70) Styrene	12.388	104	175139	19.720	ug/l	98
71) Bromoform	12.559	173	50593	20.502	ug/l #	98
73) Isopropylbenzene	12.676	105	269041	19.847	ug/l	99
74) N-amyl acetate	12.524	43	91629m	20.515	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	102441	20.974	ug/l	98
76) 1,2,3-Trichloropropane	12.971	75	83602m	19.391	ug/l	
77) Bromobenzene	12.959	156	71912	19.938	ug/l	98
78) n-propylbenzene	13.012	91	347445	20.501	ug/l	99
79) 2-Chlorotoluene	13.106	91	200771	19.455	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	231662	19.758	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.718	75	28868	18.593	ug/l	93
82) 4-Chlorotoluene	13.200	91	208659	20.067	ug/l	99
83) tert-Butylbenzene	13.418	119	193896	19.537	ug/l	96
84) 1,2,4-Trimethylbenzene	13.459	105	237301	19.731	ug/l	100
85) sec-Butylbenzene	13.594	105	294896	20.267	ug/l	98
86) p-Isopropyltoluene	13.706	119	242865	19.707	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	137906	19.594	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	138222	19.110	ug/l	98
89) n-Butylbenzene	14.035	91	231708	19.895	ug/l	98
90) Hexachloroethane	14.306	117	52793	20.508	ug/l	95
91) 1,2-Dichlorobenzene	14.082	146	138137	20.362	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.694	75	22344	19.689	ug/l	98
93) 1,2,4-Trichlorobenzene	15.370	180	76588	19.120	ug/l	98
94) Hexachlorobutadiene	15.476	225	32029	21.724	ug/l	99
95) Naphthalene	15.617	128	246809	19.195	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	74496	19.130	ug/l	97

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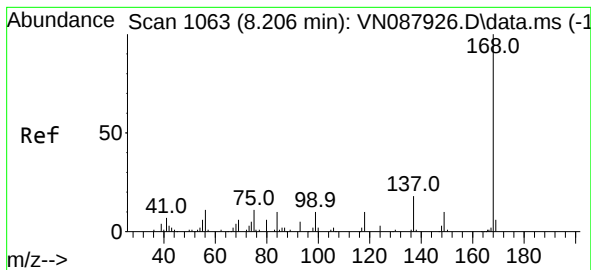
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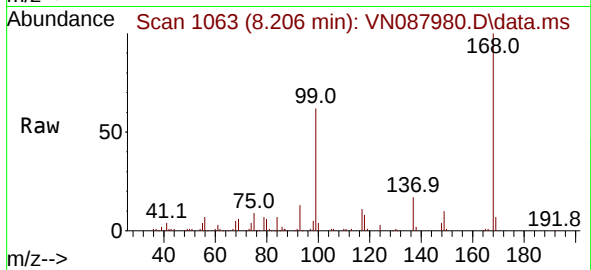
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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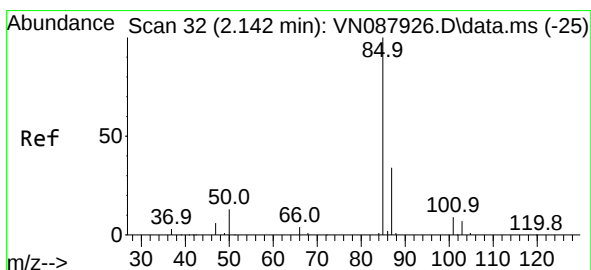
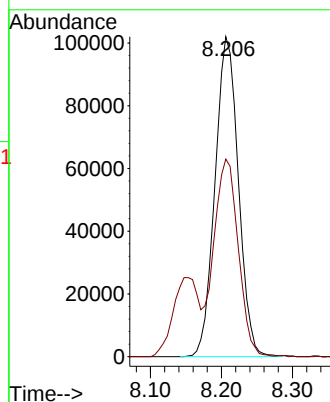
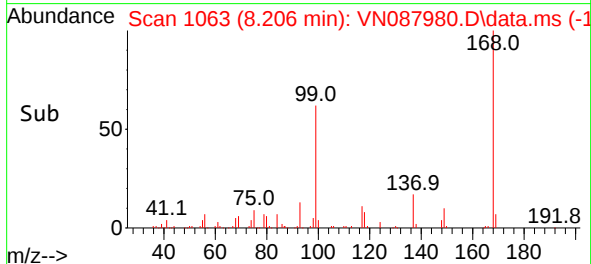
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 232663
Ion Ratio Lower Upper
168 100
99 61.4 52.2 78.2

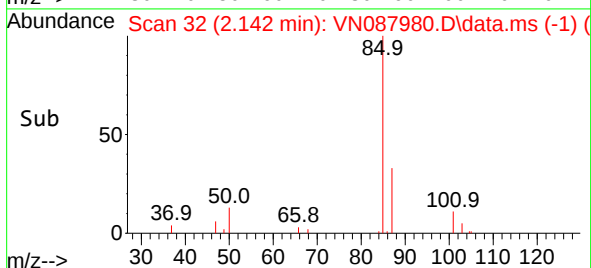
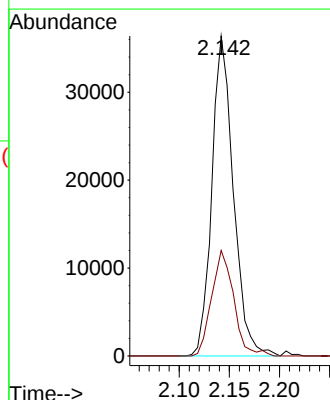
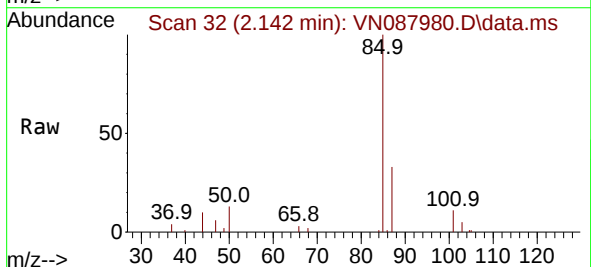
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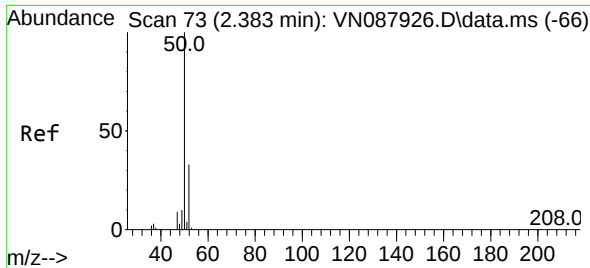
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#2
Dichlorodifluoromethane
Concen: 20.194 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

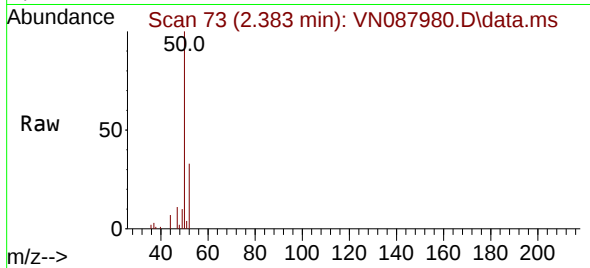
Tgt Ion: 85 Resp: 54411
Ion Ratio Lower Upper
85 100
87 32.9 16.9 50.6





#3
Chloromethane
Concen: 20.312 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

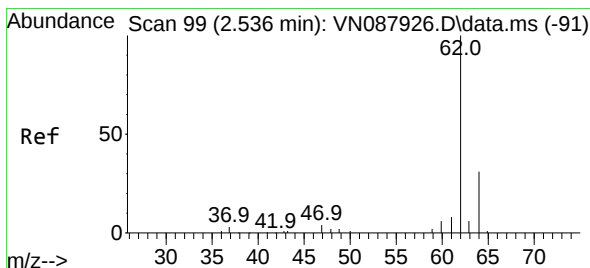
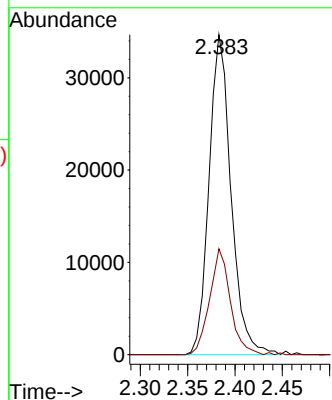
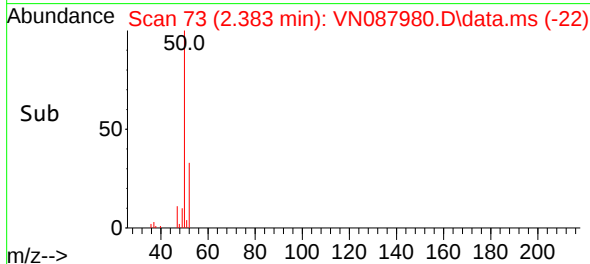
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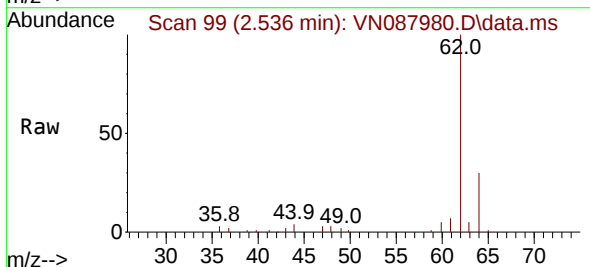
Tgt Ion: 50 Resp: 5603
Ion Ratio Lower Upper
50 100
52 33.1 26.6 40.0

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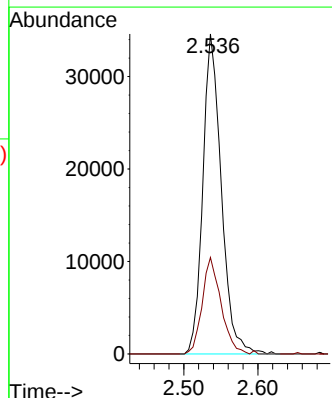
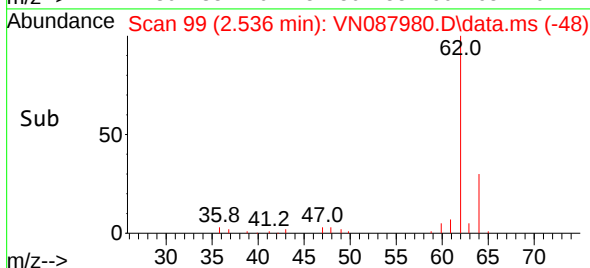
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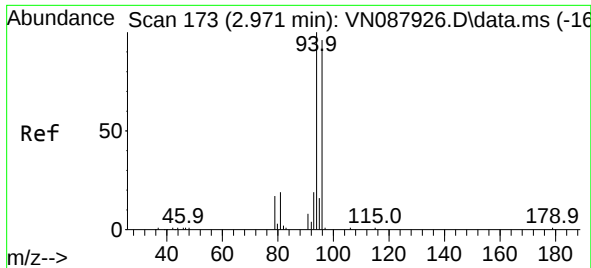


#4
Vinyl Chloride
Concen: 21.290 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25



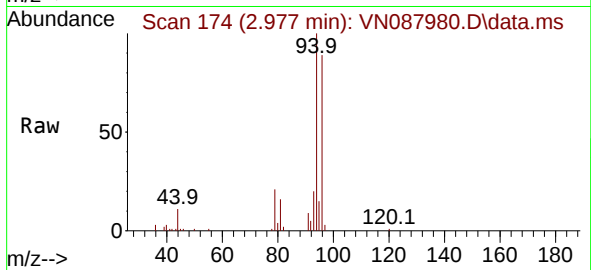
Tgt Ion: 62 Resp: 59925
Ion Ratio Lower Upper
62 100
64 30.2 25.2 37.8





#5
Bromomethane
Concen: 22.357 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.006 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

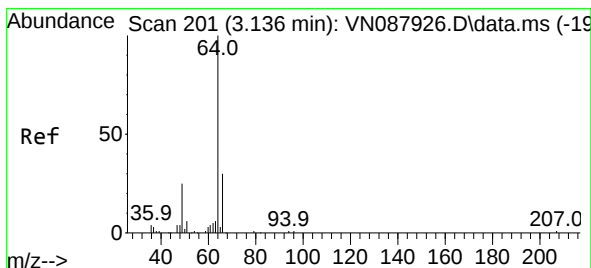
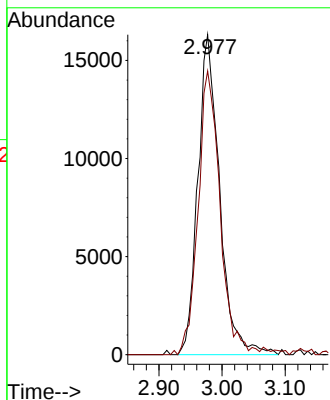
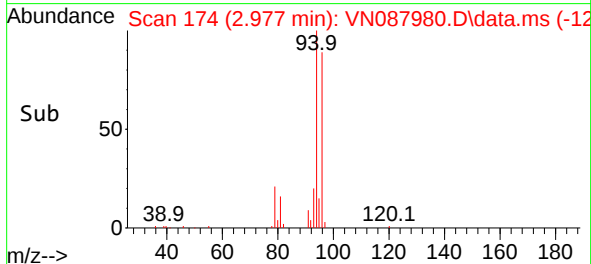
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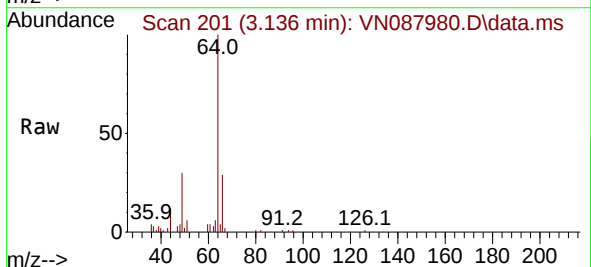
Tgt Ion: 94 Resp: 3901
Ion Ratio Lower Upper
94 100
96 88.7 76.8 115.2

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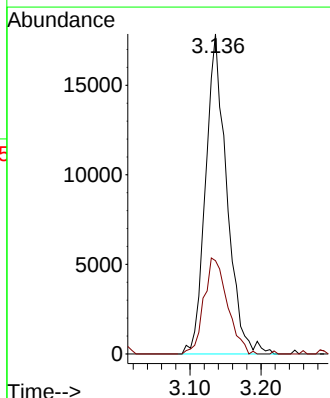
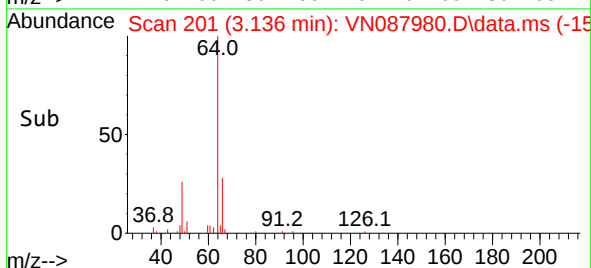
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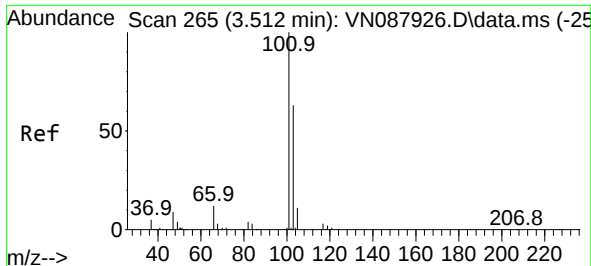


#6
Chloroethane
Concen: 20.227 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.000 min
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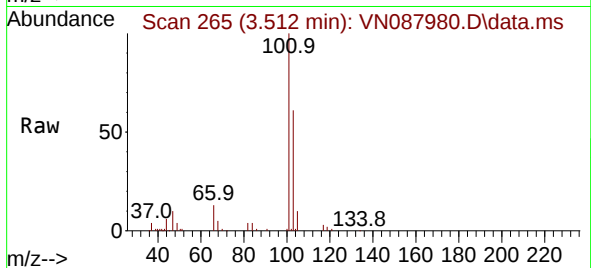
Tgt Ion: 64 Resp: 37017
Ion Ratio Lower Upper
64 100
66 29.1 23.8 35.8





#7
 Trichlorofluoromethane
 Concen: 20.597 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087980.D
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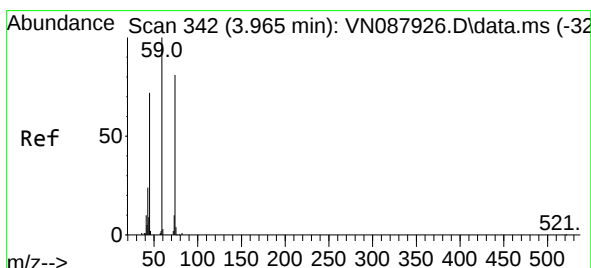
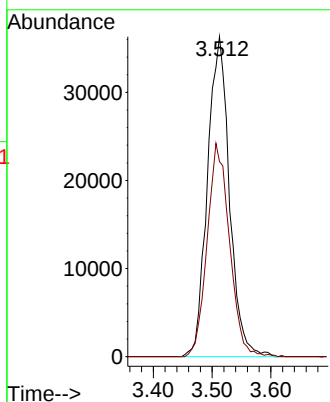
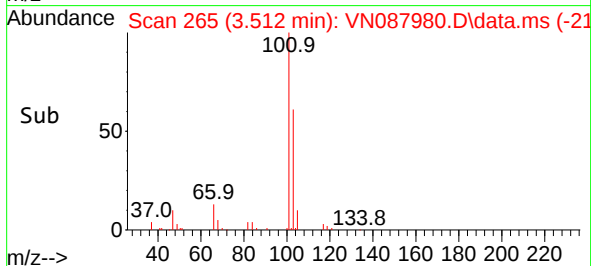
Instrument :
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Tgt Ion:101 Resp: 94390
 Ion Ratio Lower Upper
 101 100
 103 61.0 50.2 75.4

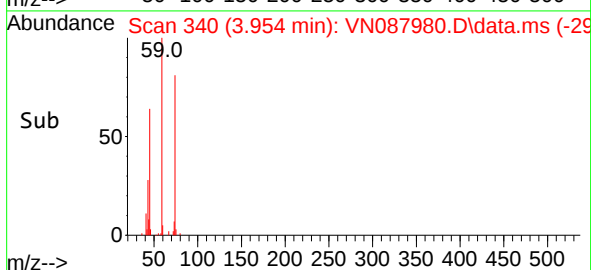
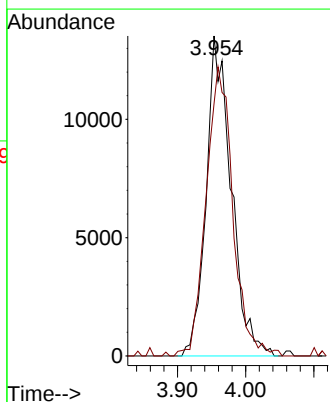
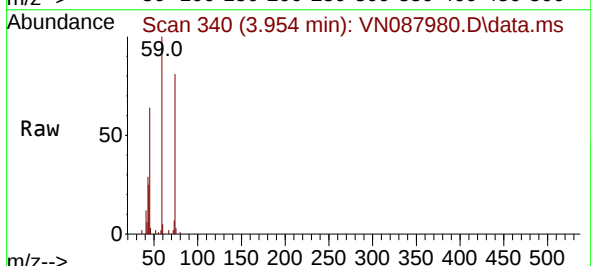
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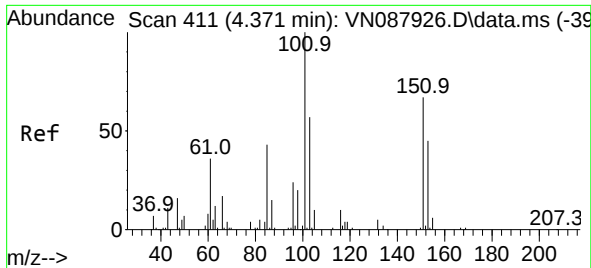
Reviewed By :John Carlone 09/30/2025
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#8
 Diethyl Ether
 Concen: 19.940 ug/l
 RT: 3.954 min Scan# 340
 Delta R.T. -0.012 min
 Lab File: VN087980.D
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Tgt Ion: 74 Resp: 34522
 Ion Ratio Lower Upper
 74 100
 45 96.7 45.4 136.1





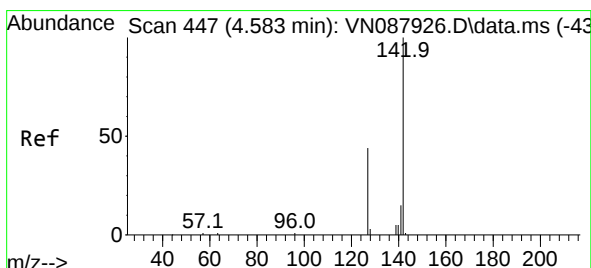
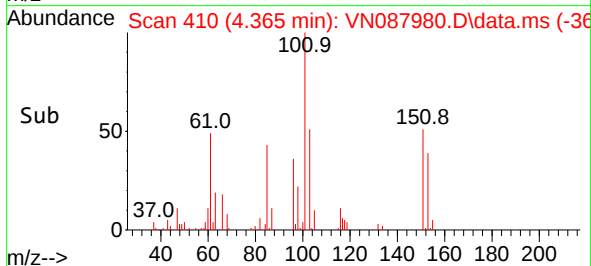
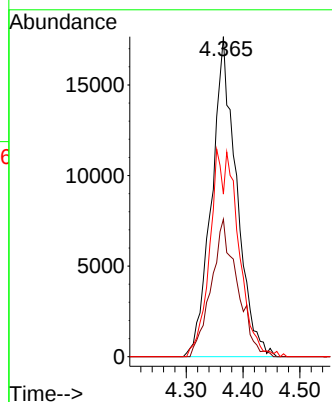
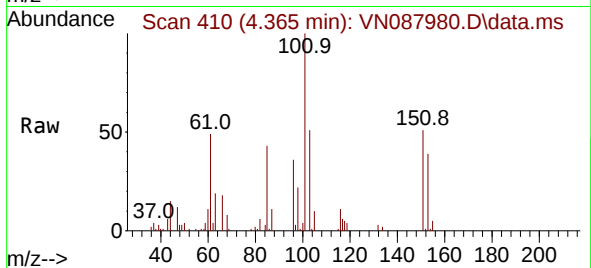
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.219 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN0929MBS01

Tgt Ion:101 Resp: 5381
Ion Ratio Lower Upper
101 100
85 44.9 36.5 54.7
151 36.5 58.6 87.8

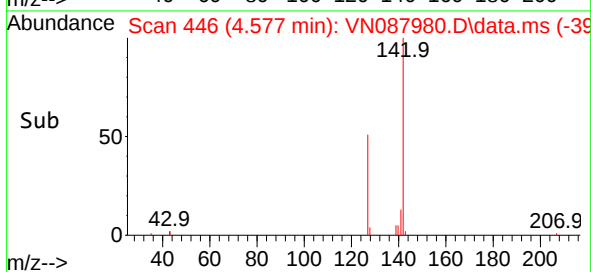
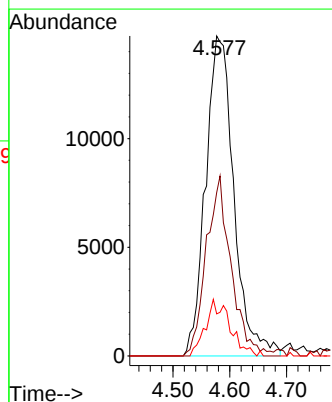
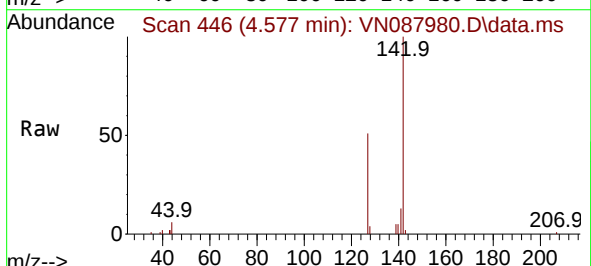
Manual Integrations
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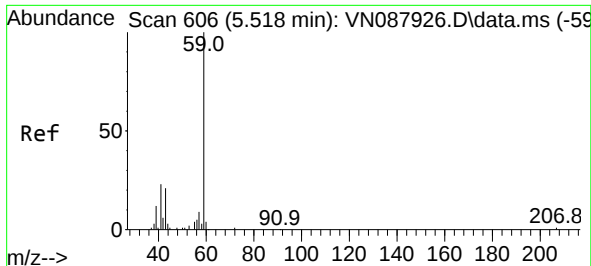
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#10
Methyl Iodide
Concen: 23.285 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.006 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

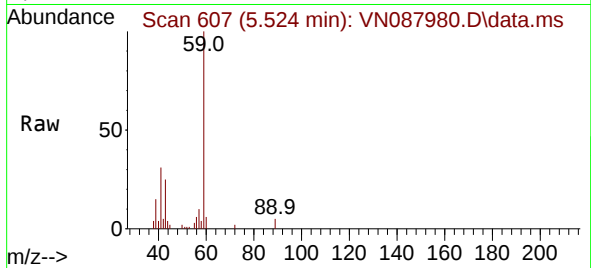
Tgt Ion:142 Resp: 50760
Ion Ratio Lower Upper
142 100
127 51.0 35.3 52.9
141 13.1 11.8 17.8





#11
Tert butyl alcohol
Concen: 112.770 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

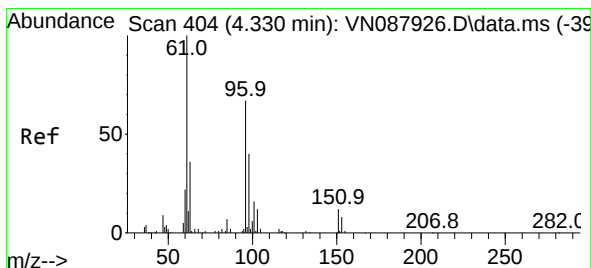
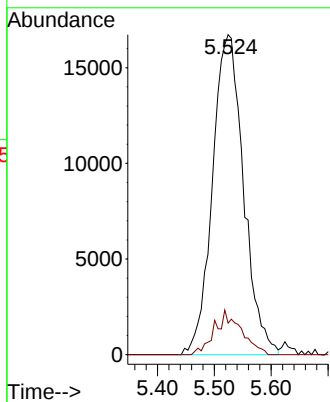
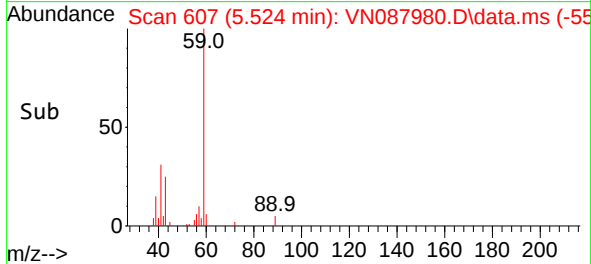
Instrument :
MSVOA_N
ClientSampleId :
VN0929MBS01



Tgt Ion: 59 Resp: 6359
Ion Ratio Lower Upper
59 100
57 11.9 8.8 13.2

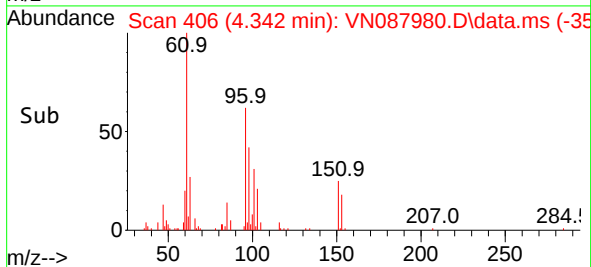
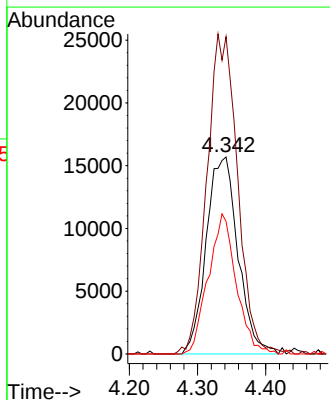
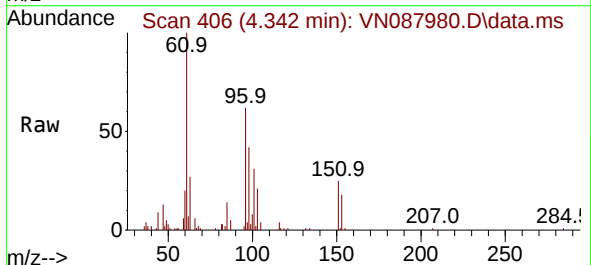
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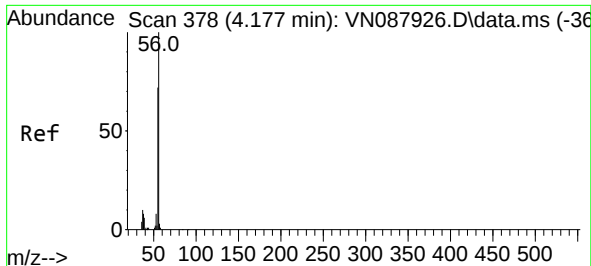
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#12
1,1-Dichloroethene
Concen: 20.769 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

Tgt Ion: 96 Resp: 50757
Ion Ratio Lower Upper
96 100
61 159.9 119.2 178.8
98 67.3 47.5 71.3





#13

Acrolein

Concen: 82.175 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN087980.D

Acq: 29 Sep 2025 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0929MBS01

Tgt Ion: 56 Resp: 5946

Ion Ratio Lower Upper

56 100

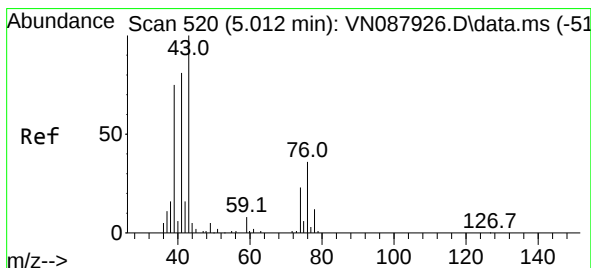
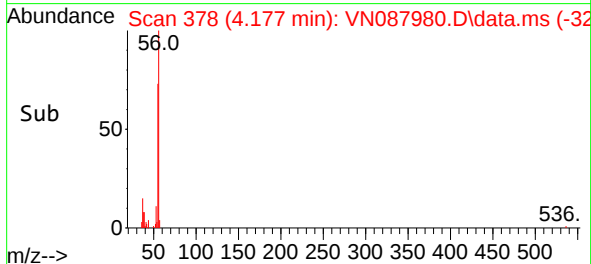
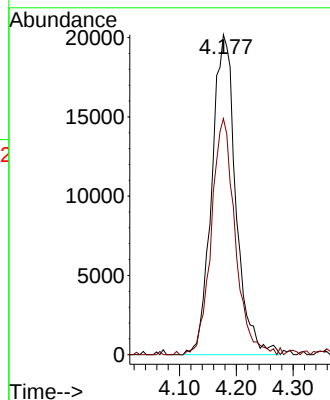
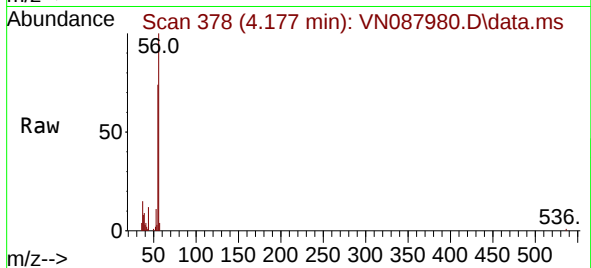
55 72.7 59.3 88.9

Manual Integrations

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Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#14

Allyl chloride

Concen: 18.684 ug/l

RT: 5.012 min Scan# 520

Delta R.T. 0.000 min

Lab File: VN087980.D

Acq: 29 Sep 2025 14:25

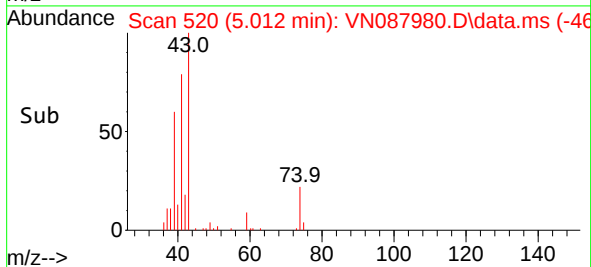
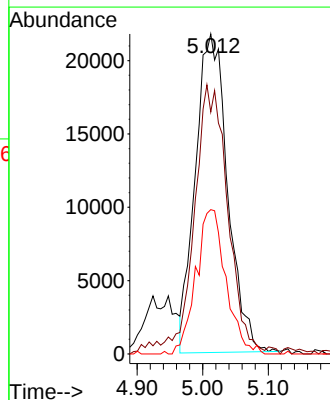
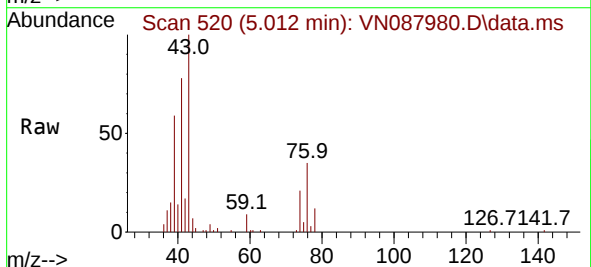
Tgt Ion: 41 Resp: 74341

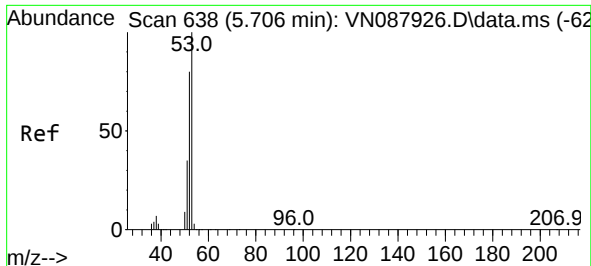
Ion Ratio Lower Upper

41 100

39 88.4 63.8 95.8

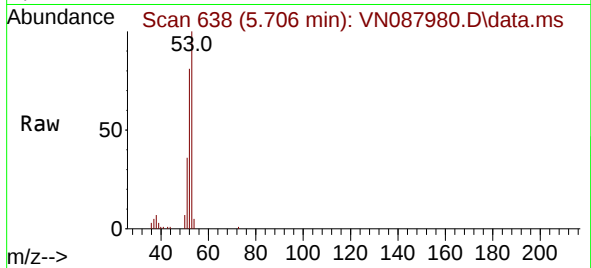
76 42.2 33.0 49.6





#15
Acrylonitrile
Concen: 106.246 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

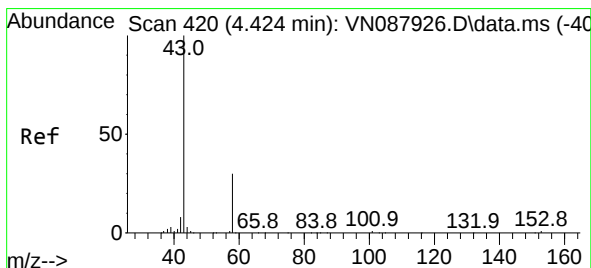
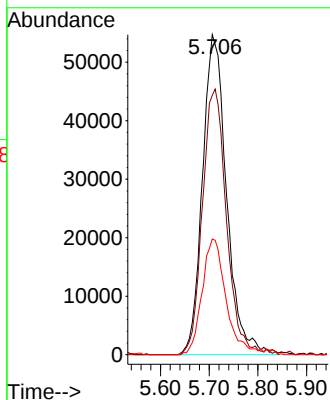
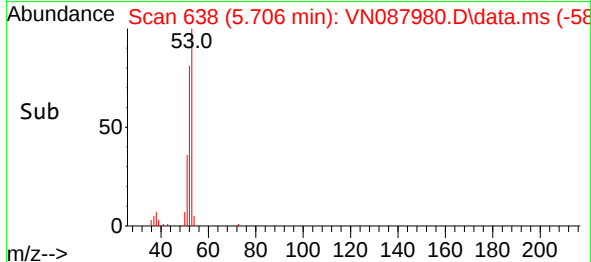
Instrument :
MSVOA_N
ClientSampleId :
VN0929MBS01



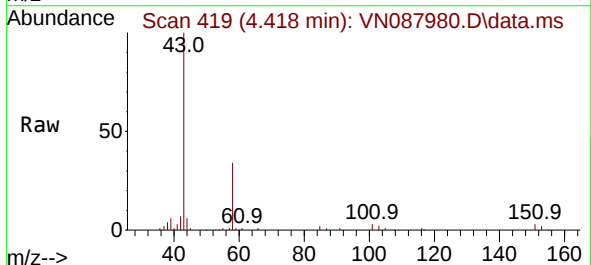
Tgt Ion: 53 Resp: 187954
Ion Ratio Lower Upper
53 100
52 82.4 66.6 99.8
51 35.9 29.0 43.4

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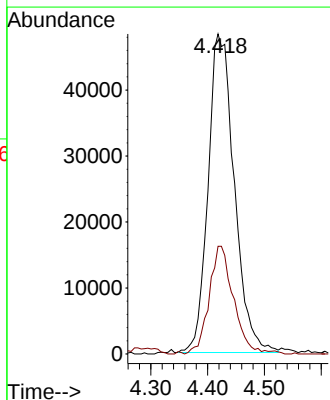
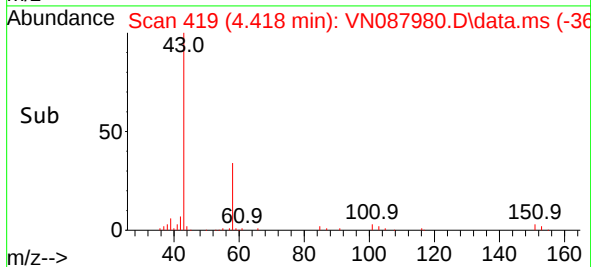
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#16
Acetone
Concen: 95.956 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25



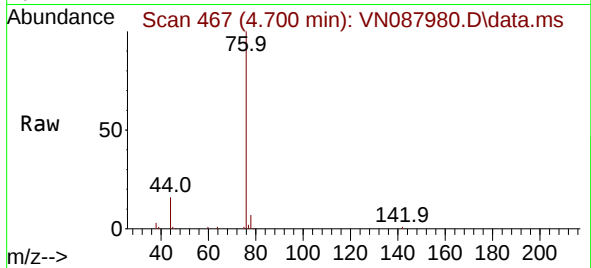
Tgt Ion: 43 Resp: 154587
Ion Ratio Lower Upper
43 100
58 33.2 24.1 36.1





#17
Carbon Disulfide
Concen: 18.921 ug/l
RT: 4.700 min Scan# 40
Delta R.T. -0.006 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

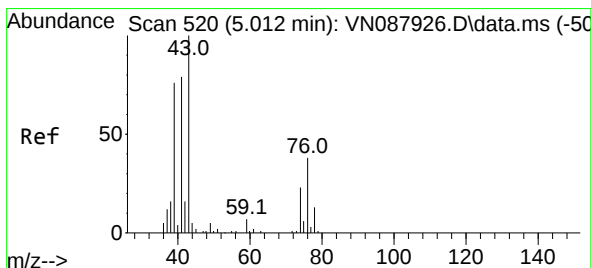
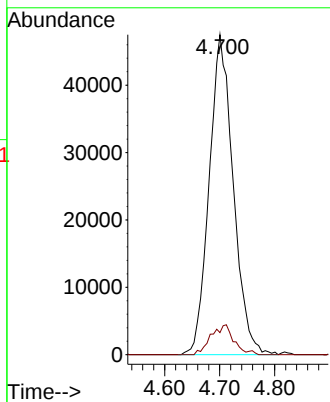
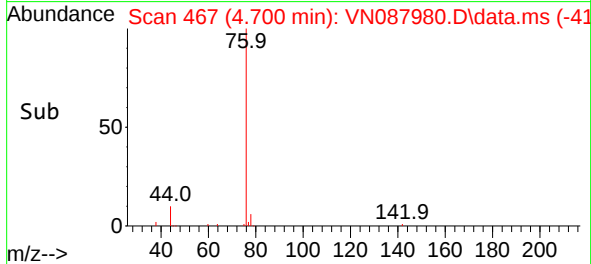
Instrument :
MSVOA_N
ClientSampleId :
VN0929MBS01



Tgt Ion: 76 Resp: 144479
Ion Ratio Lower Upper
76 100
78 6.9 6.7 10.1

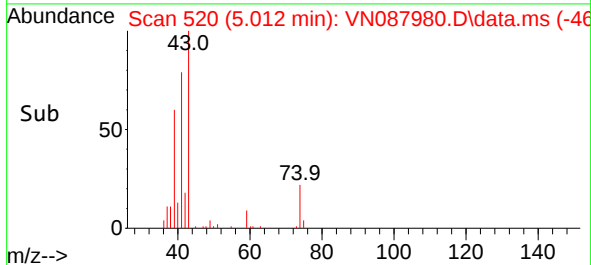
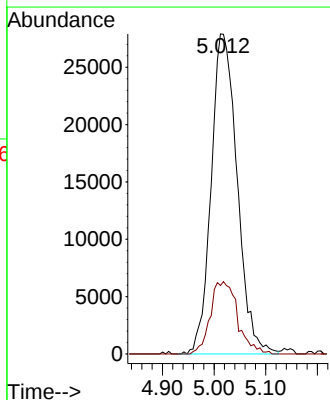
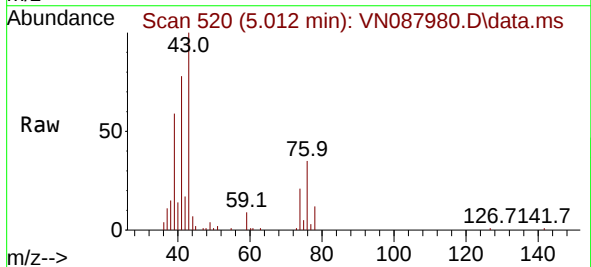
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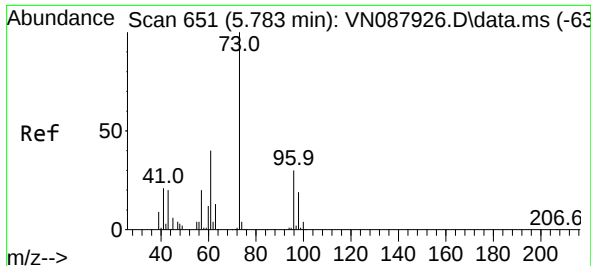
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#18
Methyl Acetate
Concen: 24.203 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

Tgt Ion: 43 Resp: 97581
Ion Ratio Lower Upper
43 100
74 23.7 19.7 29.5





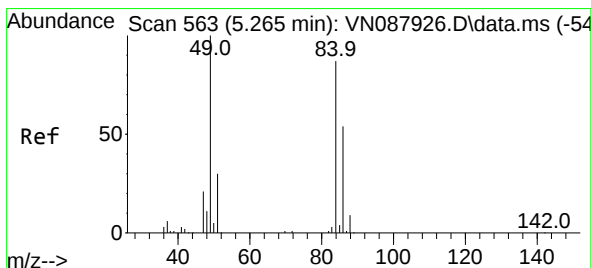
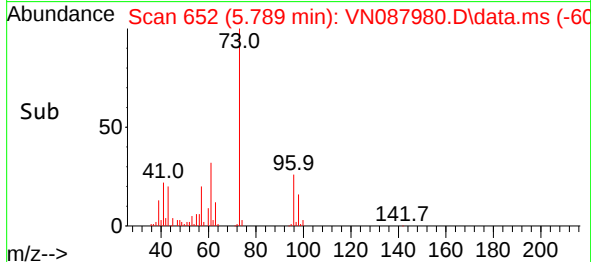
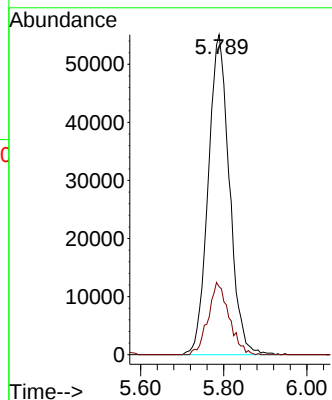
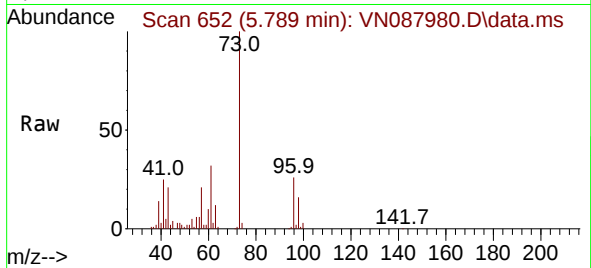
#19
Methyl tert-butyl Ether
Concen: 20.406 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN0929MBS01

Tgt Ion: 73 Resp: 19481
Ion Ratio Lower Upper
73 100
57 21.3 16.3 24.5

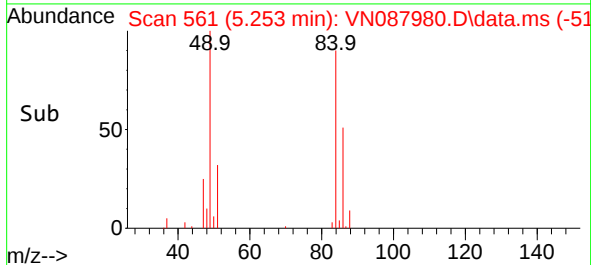
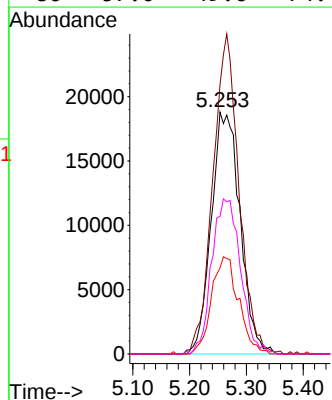
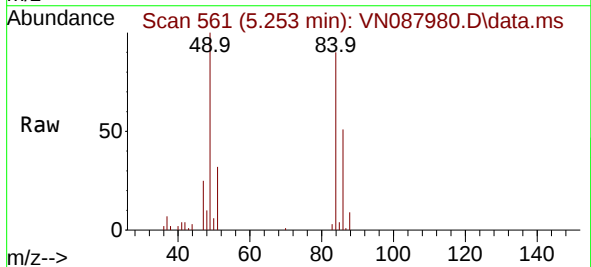
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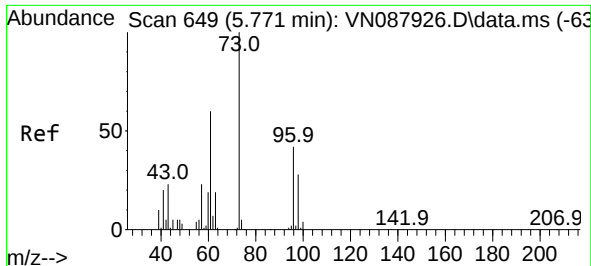
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#20
Methylene Chloride
Concen: 20.336 ug/l
RT: 5.253 min Scan# 561
Delta R.T. -0.012 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

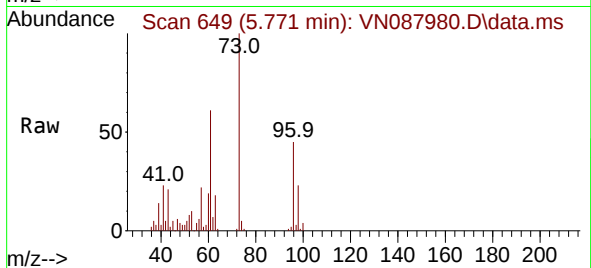
Tgt Ion: 84 Resp: 66313
Ion Ratio Lower Upper
84 100
49 111.5 92.1 138.1
51 35.6 27.7 41.5
86 57.0 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 18.895 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

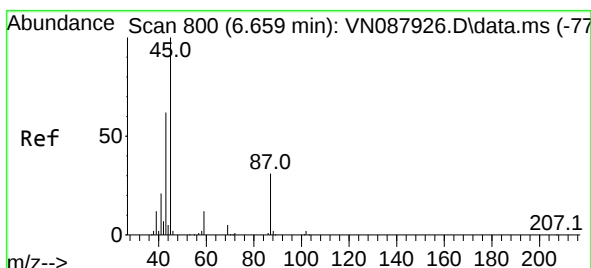
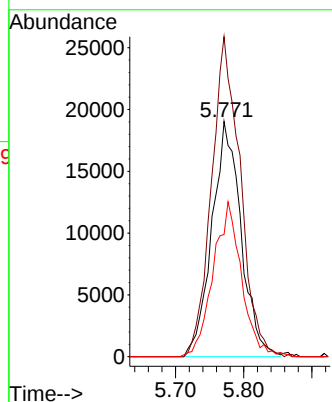
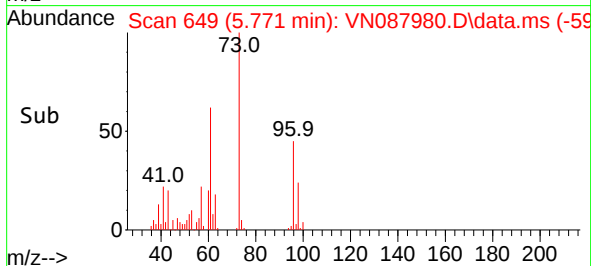
Instrument :
MSVOA_N
ClientSampleId :
VN0929MBS01



Tgt Ion: 96 Resp: 56610
Ion Ratio Lower Upper
96 100
61 136.0 114.4 171.6
98 51.9 53.6 80.4

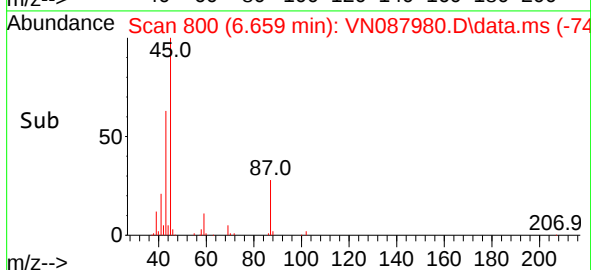
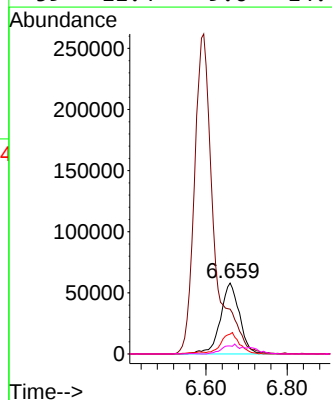
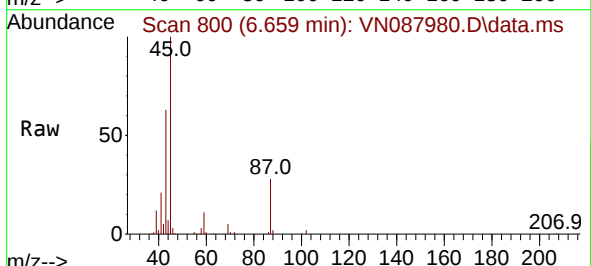
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Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#22
Diisopropyl ether
Concen: 20.420 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

Tgt Ion: 45 Resp: 189661
Ion Ratio Lower Upper
45 100
43 62.6 49.9 74.9
87 28.0 25.2 37.8
59 11.4 9.6 14.4





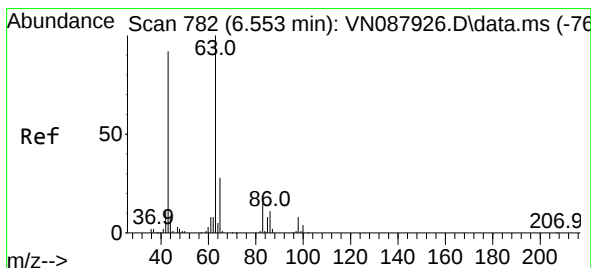
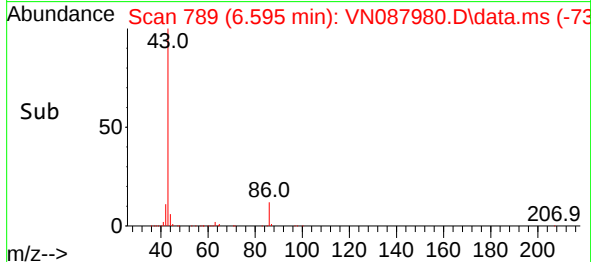
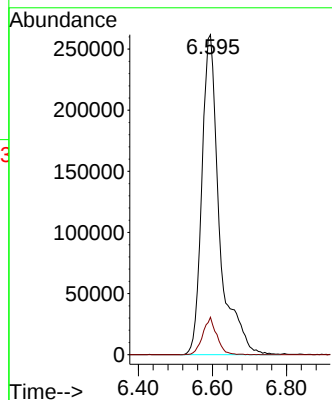
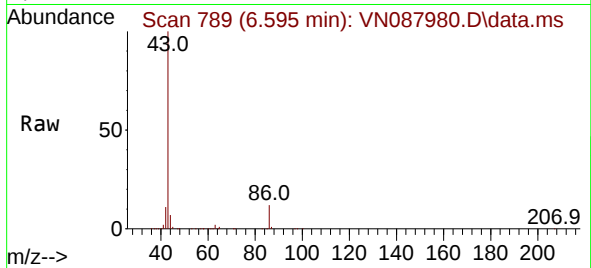
#23
 Vinyl Acetate
 Concen: 110.097 ug/l
 RT: 6.595 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN087980.D
 Acq: 29 Sep 2025 14:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929MBS01

Tgt Ion: 43 Resp: 86101
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.6 12.8

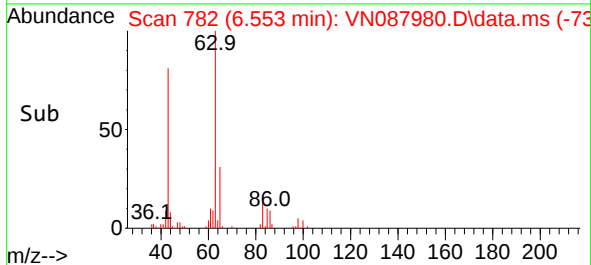
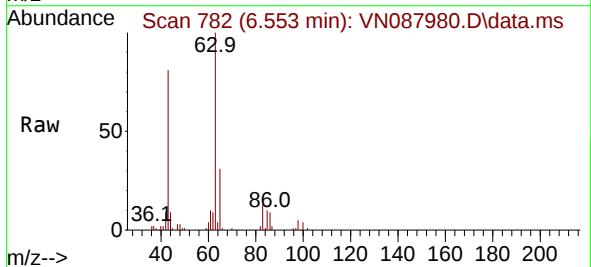
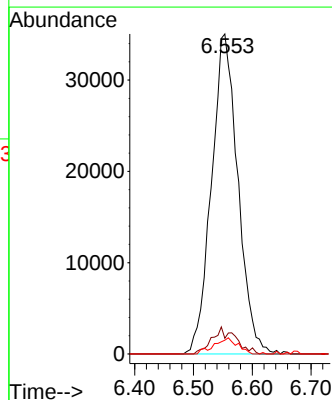
Manual Integrations
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Reviewed By :John Carlone 09/30/2025
 Supervised By :Mahesh Dadoda 10/03/2025



#24
 1,1-Dichloroethane
 Concen: 20.173 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.000 min
 Lab File: VN087980.D
 Acq: 29 Sep 2025 14:25

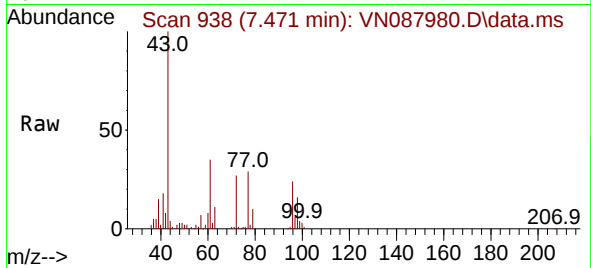
Tgt Ion: 63 Resp: 109468
 Ion Ratio Lower Upper
 63 100
 98 4.9 3.9 11.5
 100 4.3 2.1 6.5





#25
2-Butanone
Concen: 104.997 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

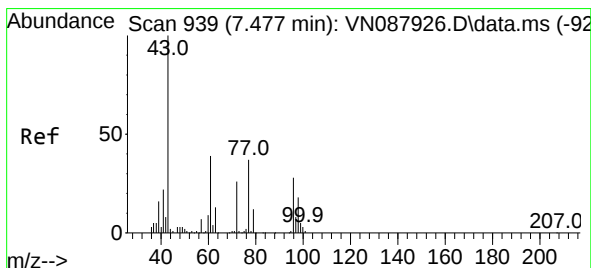
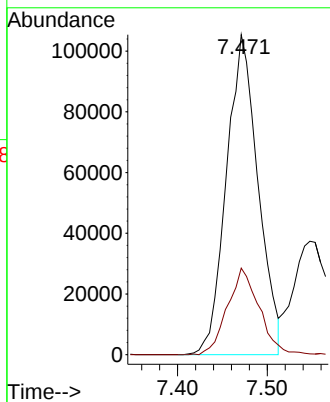
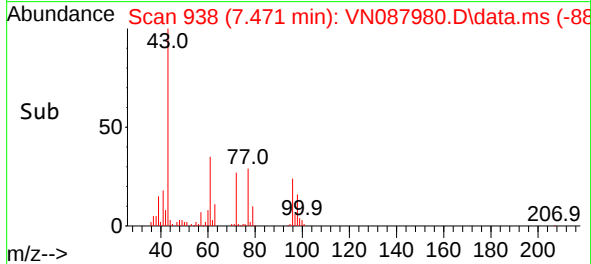
Instrument :
MSVOA_N
ClientSampleId :
VN0929MBS01



Tgt Ion: 43 Resp: 25854
Ion Ratio Lower Upper
43 100
72 27.0 21.5 32.3

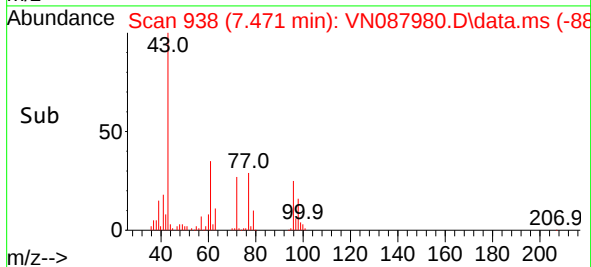
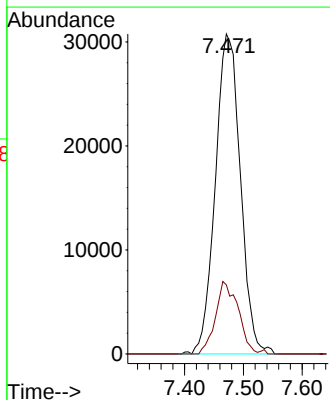
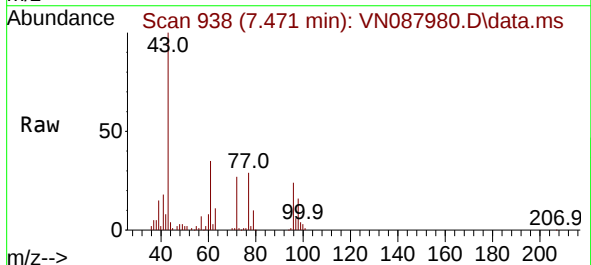
Manual Integrations
APPROVED

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



#26
2,2-Dichloropropane
Concen: 18.864 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

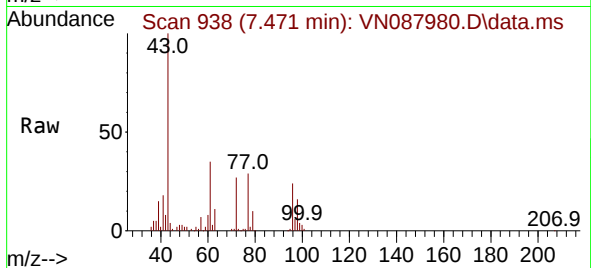
Tgt Ion: 77 Resp: 90947
Ion Ratio Lower Upper
77 100
97 20.5 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 19.267 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087980.D
 Acq: 29 Sep 2025 14:25

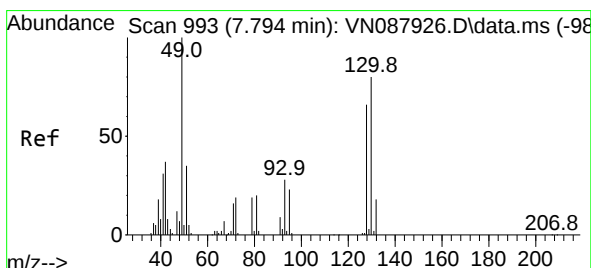
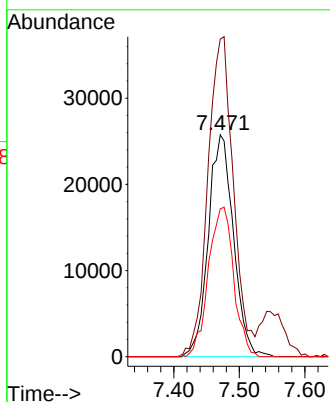
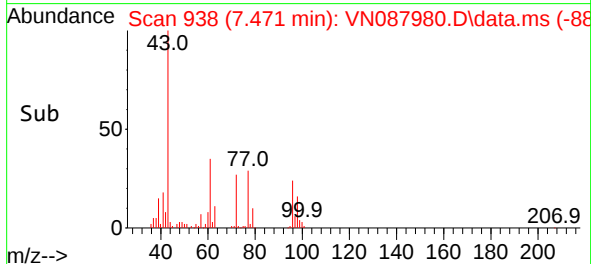
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929MBS01



Tgt Ion: 96 Resp: 68684
 Ion Ratio Lower Upper
 96 100
 61 146.1 0.0 283.0
 98 67.5 0.0 127.6

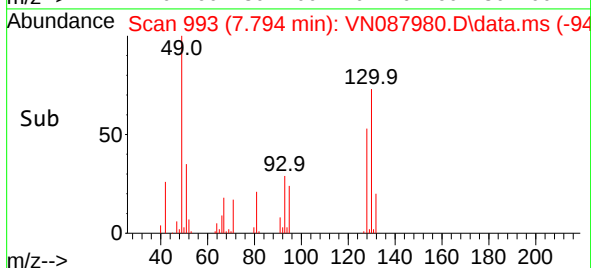
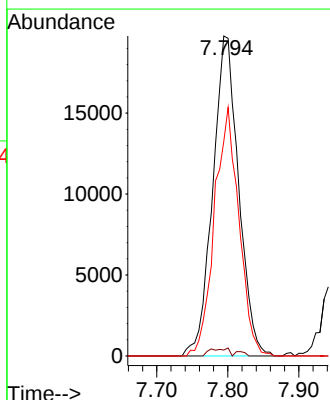
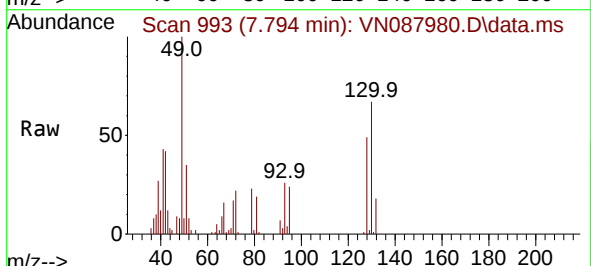
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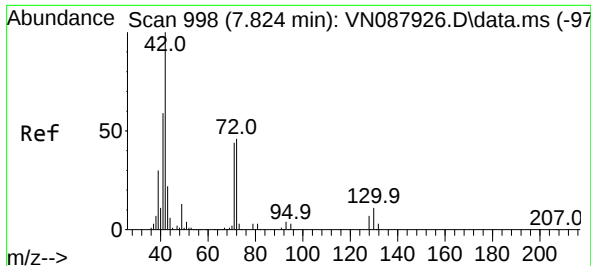
Reviewed By :John Carlone 09/30/2025
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#28
 Bromochloromethane
 Concen: 16.959 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VN087980.D
 Acq: 29 Sep 2025 14:25

Tgt Ion: 49 Resp: 50000
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 5.4
 130 73.5 62.6 94.0





#29

Tetrahydrofuran

Concen: 106.781 ug/l

RT: 7.824 min Scan# 998

Delta R.T. 0.000 min

Lab File: VN087980.D

Acq: 29 Sep 2025 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0929MBS01

Tgt Ion: 42 Resp: 168362

Ion Ratio Lower Upper

42 100

72 46.9 36.5 54.7

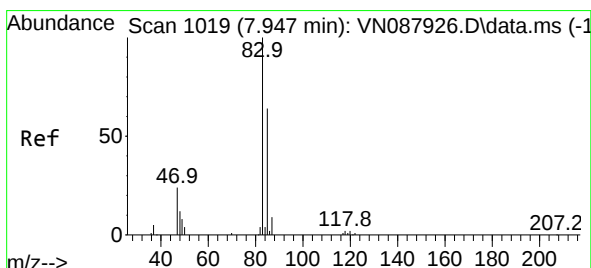
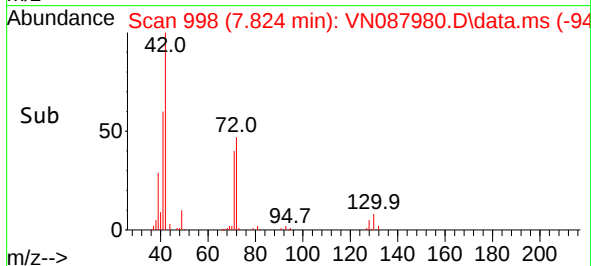
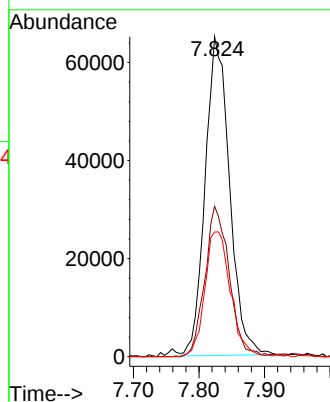
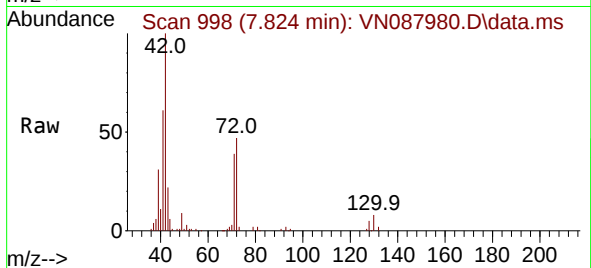
71 41.3 33.8 50.8

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#30

Chloroform

Concen: 20.716 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN087980.D

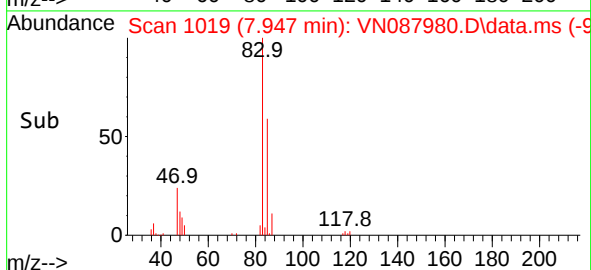
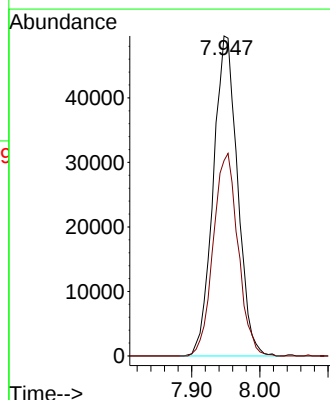
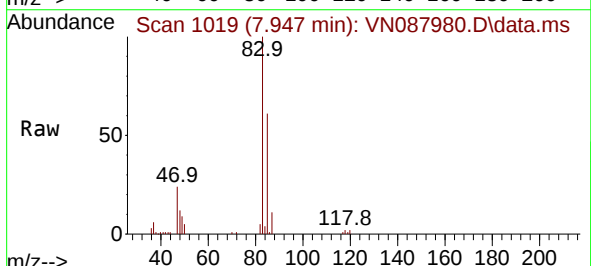
Acq: 29 Sep 2025 14:25

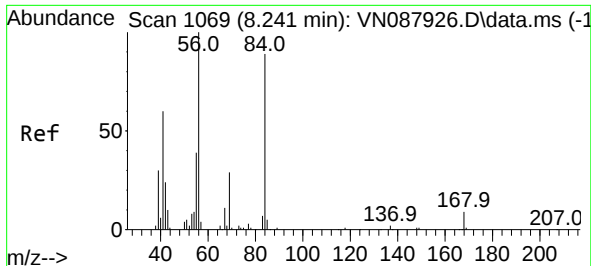
Tgt Ion: 83 Resp: 122917

Ion Ratio Lower Upper

83 100

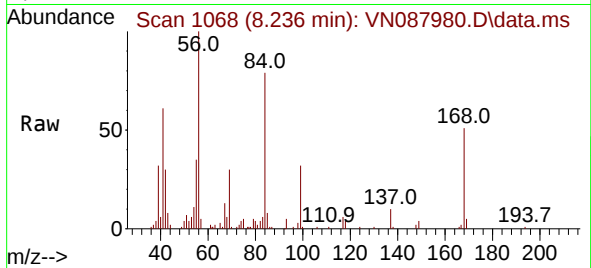
85 61.0 50.9 76.3





#31
Cyclohexane
Concen: 20.746 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

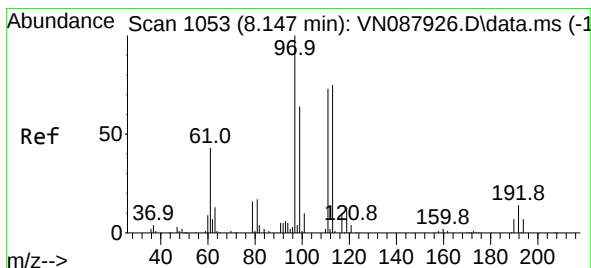
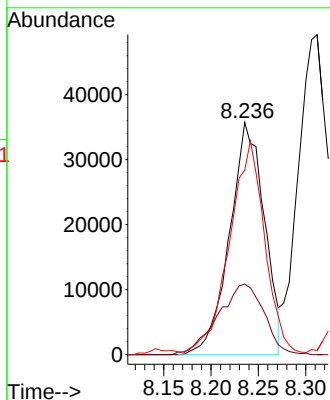
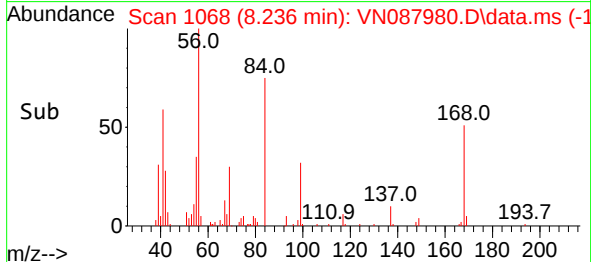
Instrument :
MSVOA_N
ClientSampleId :
VN0929MBS01



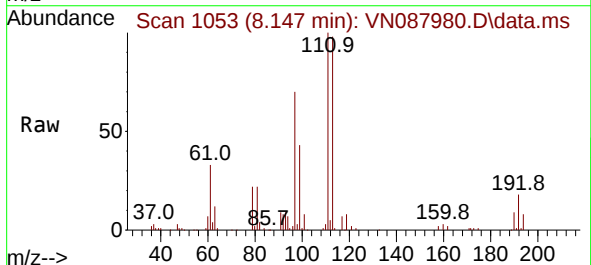
Tgt Ion: 56 Resp: 91090
Ion Ratio Lower Upper
56 100
69 29.2 23.4 35.0
84 78.2 70.8 106.2

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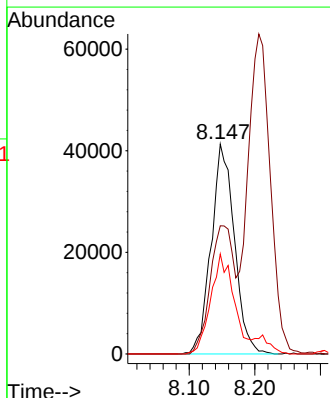
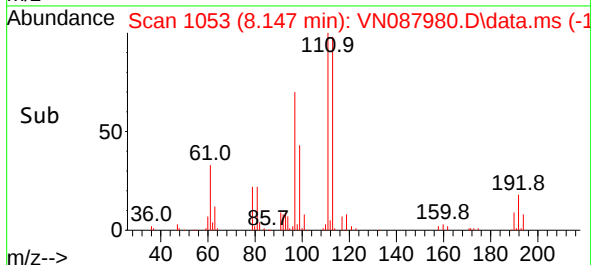
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

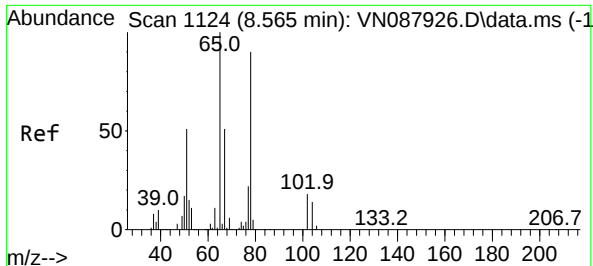


#32
1,1,1-Trichloroethane
Concen: 20.206 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25



Tgt Ion: 97 Resp: 101301
Ion Ratio Lower Upper
97 100
99 61.4 51.1 76.7
61 48.1 38.6 58.0





#33

1,2-Dichloroethane-d4

Concen: 48.613 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.006 min

Lab File: VN087980.D

Acq: 29 Sep 2025 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0929MBS01

Tgt Ion: 65 Resp: 190340

Ion Ratio Lower Upper

65 100

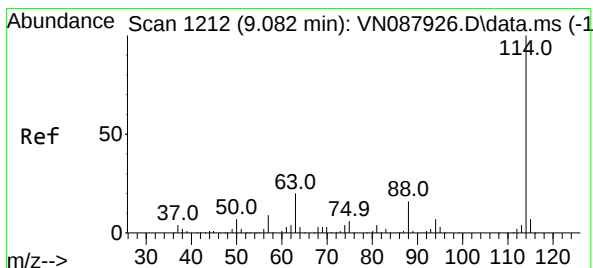
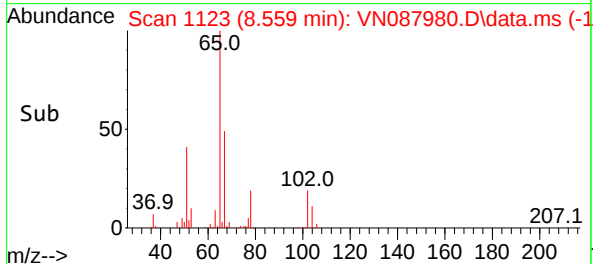
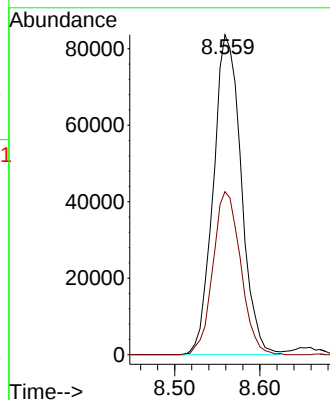
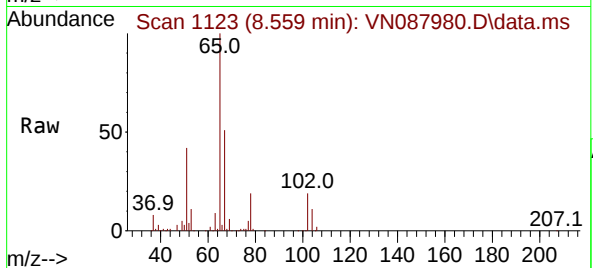
67 50.6 0.0 103.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087980.D

Acq: 29 Sep 2025 14:25

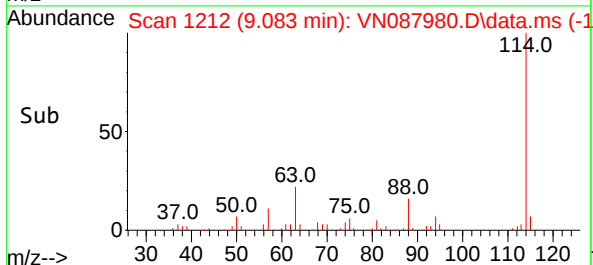
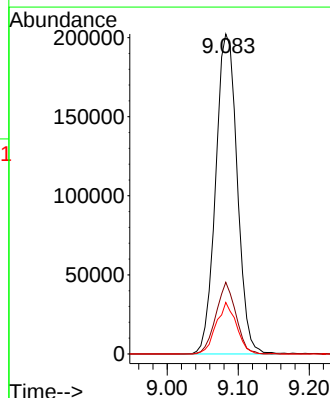
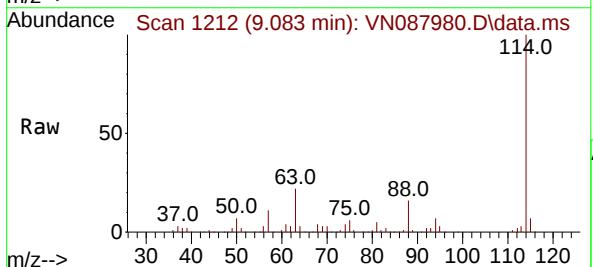
Tgt Ion:114 Resp: 425414

Ion Ratio Lower Upper

114 100

63 22.4 0.0 40.0

88 16.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.093 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087980.D

Acq: 29 Sep 2025 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0929MBS01

Tgt Ion: 113 Resp: 142370

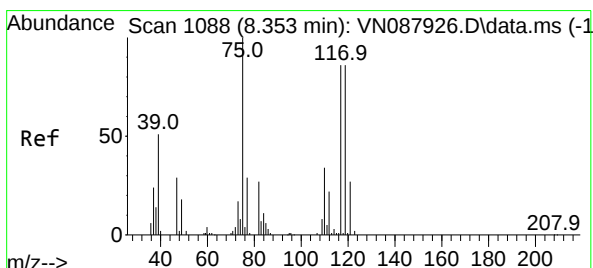
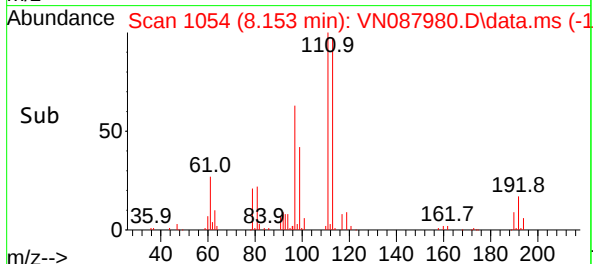
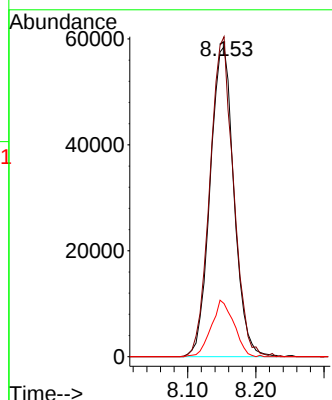
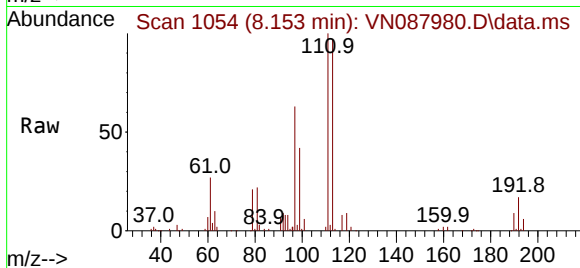
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.2
192	17.4	14.2	21.2

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#36

1,1-Dichloropropene

Concen: 21.032 ug/l

RT: 8.353 min Scan# 1088

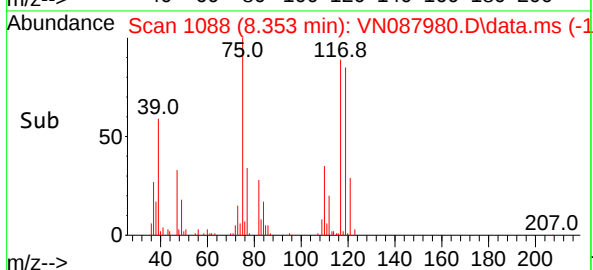
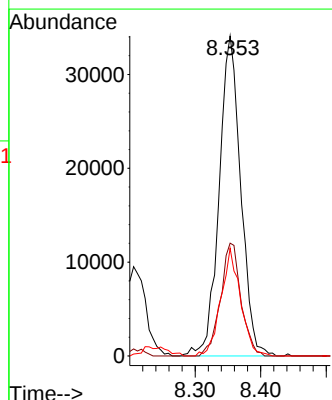
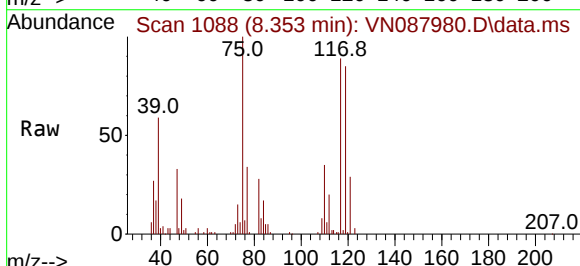
Delta R.T. 0.000 min

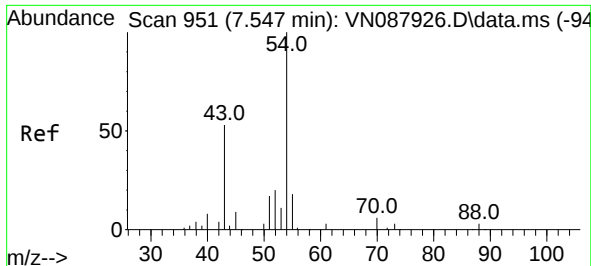
Lab File: VN087980.D

Acq: 29 Sep 2025 14:25

Tgt Ion: 75 Resp: 78114

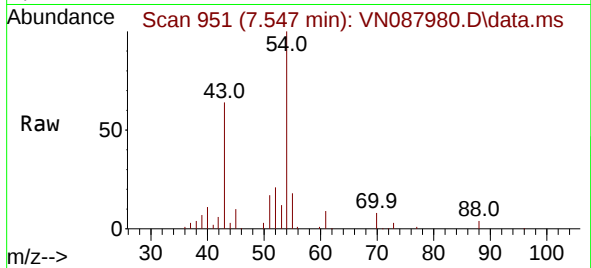
Ion	Ratio	Lower	Upper
75	100		
110	33.5	17.1	51.3
77	30.6	24.8	37.2





#37
Ethyl Acetate
Concen: 20.565 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

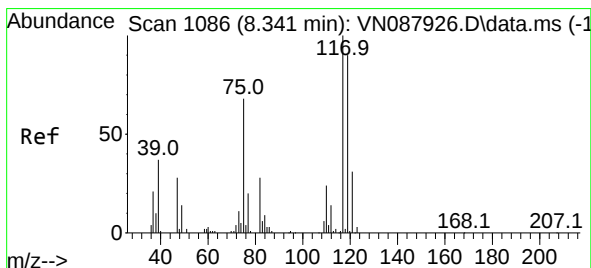
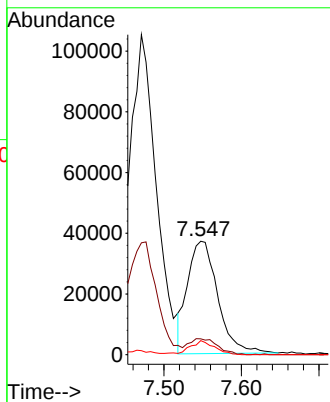
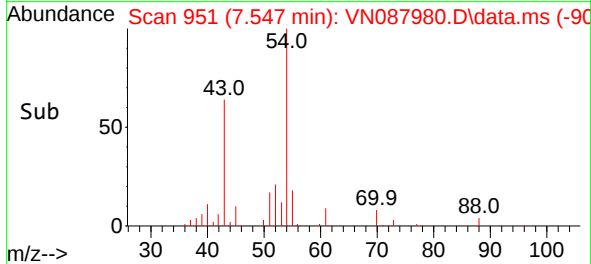
Instrument :
MSVOA_N
ClientSampleId :
VN0929MBS01



Tgt Ion: 43 Resp: 100298
Ion Ratio Lower Upper
43 100
61 13.5 10.7 16.1
70 10.3 7.8 11.8

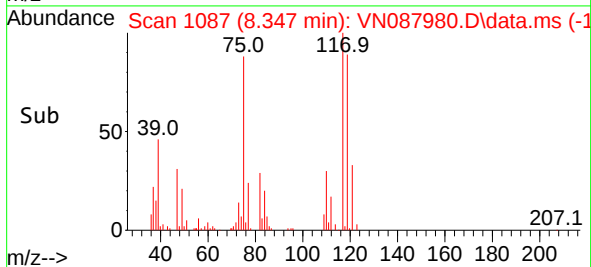
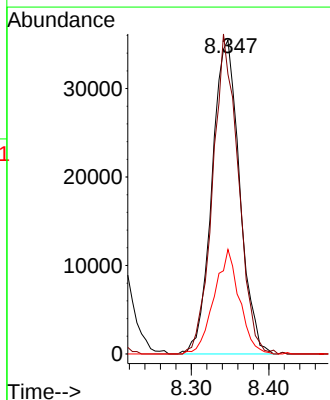
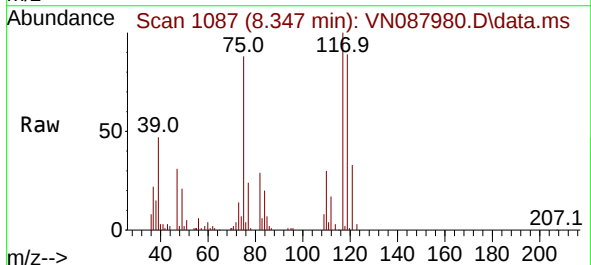
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Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#38
Carbon Tetrachloride
Concen: 20.631 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

Tgt Ion:117 Resp: 87925
Ion Ratio Lower Upper
117 100
119 89.1 72.1 108.1
121 33.3 24.6 36.8





#39

Methylcyclohexane

Concen: 20.454 ug/l

RT: 9.583 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN087980.D

Acq: 29 Sep 2025 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0929MBS01

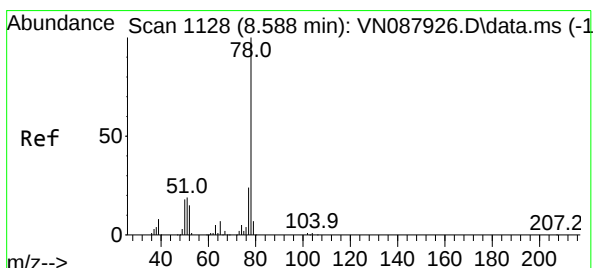
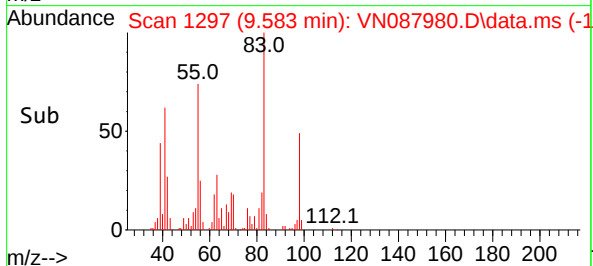
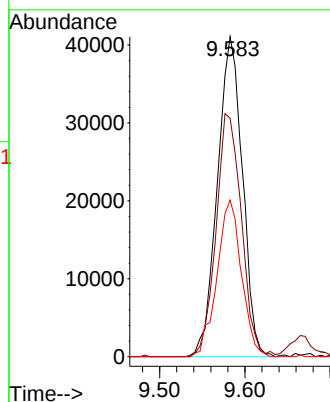
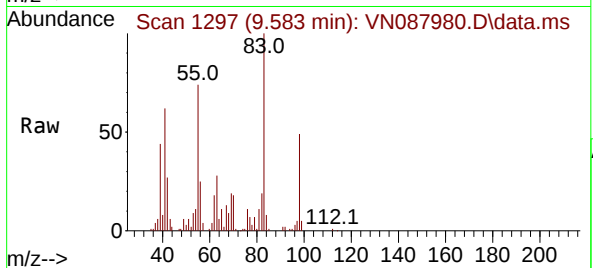
Tgt Ion: 83	Resp: 83804
Ion Ratio	Lower Upper
83 100	
55 74.5	59.9 89.9
98 49.0	37.4 56.2

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Supervised By :Mahesh Dadoda 10/03/2025



#40

Benzene

Concen: 20.267 ug/l

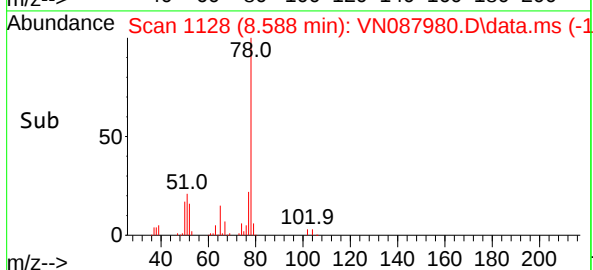
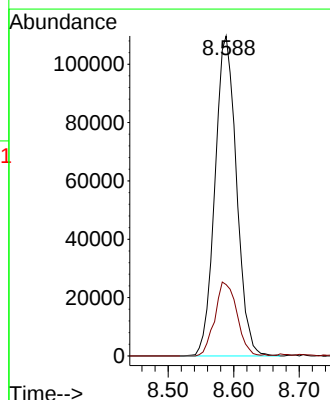
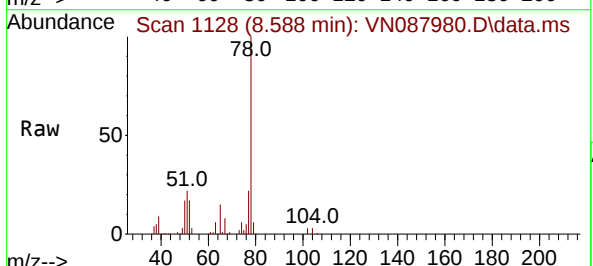
RT: 8.588 min Scan# 1128

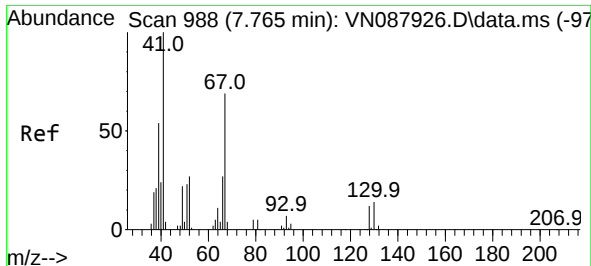
Delta R.T. 0.000 min

Lab File: VN087980.D

Acq: 29 Sep 2025 14:25

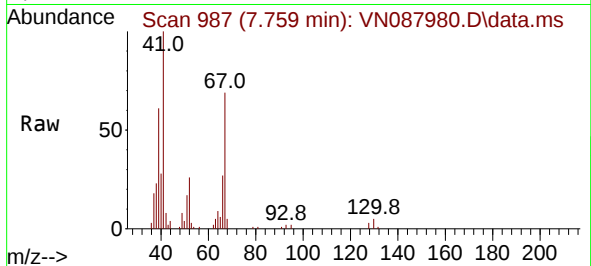
Tgt Ion: 78	Resp: 249230
Ion Ratio	Lower Upper
78 100	
77 22.3	19.0 28.6





#41
Methacrylonitrile
Concen: 21.415 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

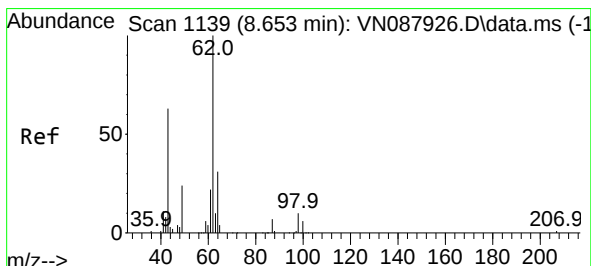
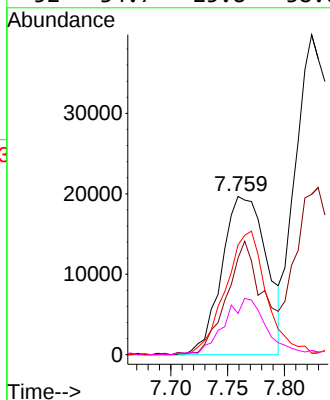
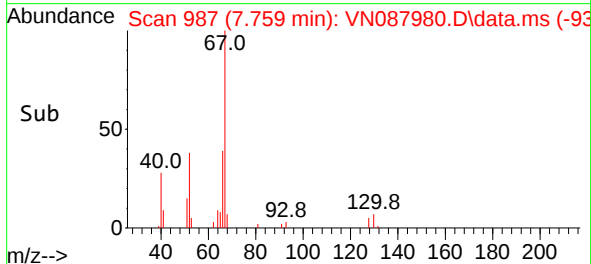
Instrument :
MSVOA_N
ClientSampleId :
VN0929MBS01



Tgt Ion: 41	Resp: 5397
Ion Ratio	Lower Upper
41 100	
39 58.4	43.5 65.3
67 71.6	57.6 86.4
52 34.7	25.8 38.6

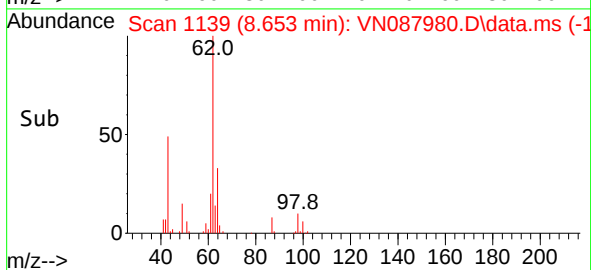
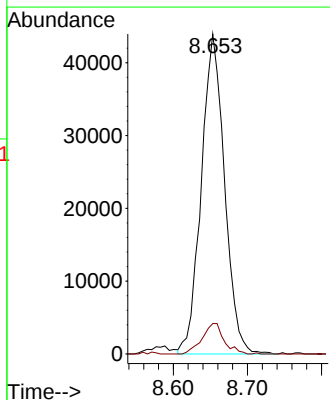
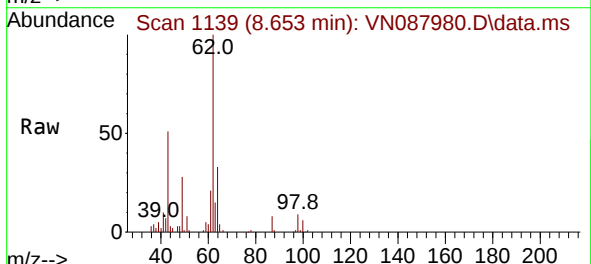
Manual Integrations
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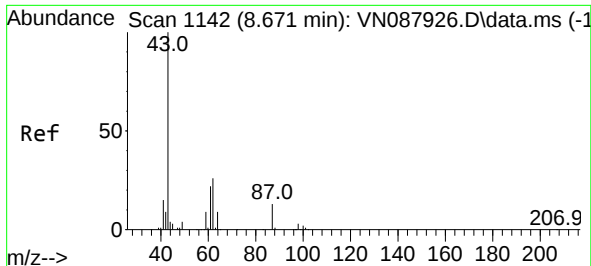
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#42
1,2-Dichloroethane
Concen: 20.868 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

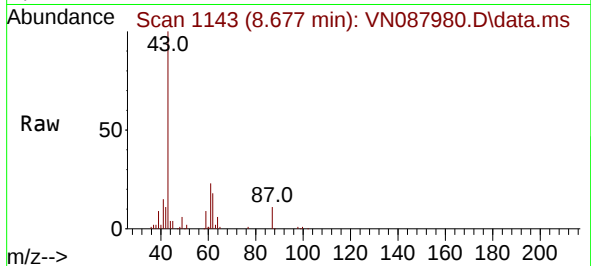
Tgt Ion: 62	Resp: 95768
Ion Ratio	Lower Upper
62 100	
98 9.0	0.0 18.6





#43
Isopropyl Acetate
Concen: 20.761 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

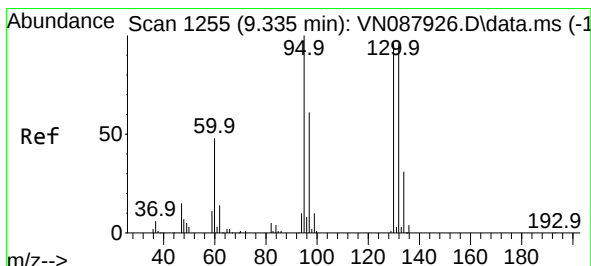
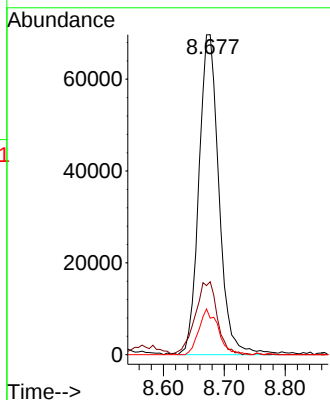
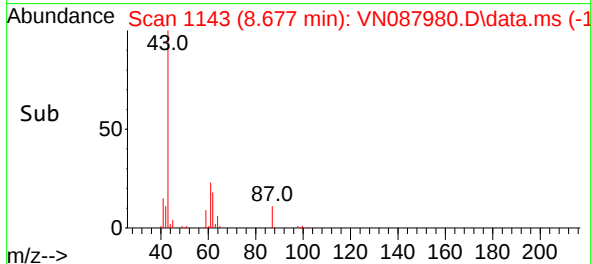
Instrument :
MSVOA_N
ClientSampleId :
VN0929MBS01



Tgt Ion: 43 Resp: 159384
Ion Ratio Lower Upper
43 100
61 25.3 20.2 30.2
87 13.7 10.9 16.3

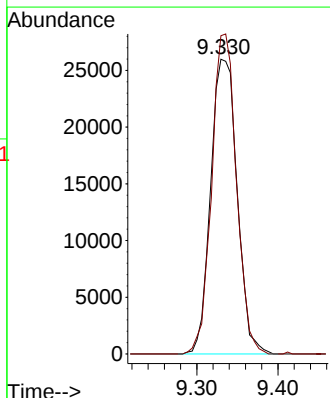
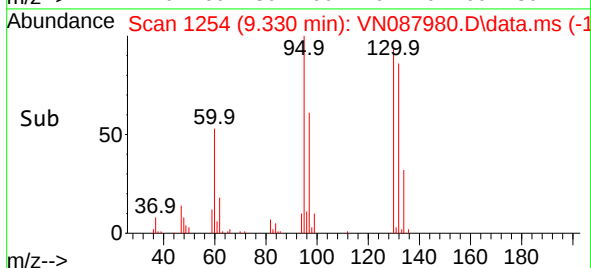
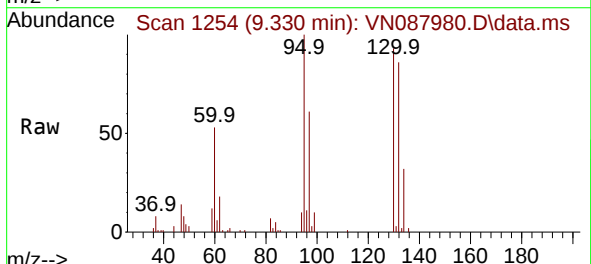
Manual Integrations
APPROVED

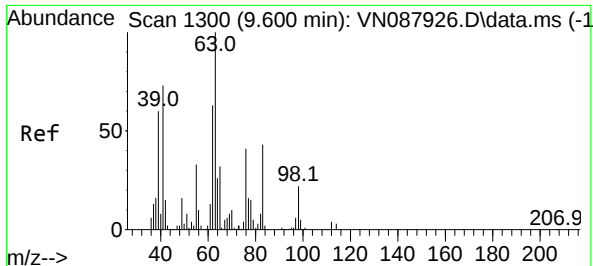
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#44
Trichloroethene
Concen: 20.072 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. -0.006 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

Tgt Ion:130 Resp: 58961
Ion Ratio Lower Upper
130 100
95 107.9 0.0 208.0





#45

1,2-Dichloropropane

Concen: 20.356 ug/l

RT: 9.606 min Scan# 1300

Delta R.T. 0.006 min

Lab File: VN087980.D

Acq: 29 Sep 2025 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0929MBS01

Tgt Ion: 63 Resp: 62769

Ion Ratio Lower Upper

63 100

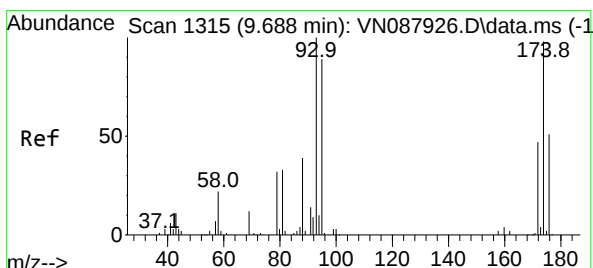
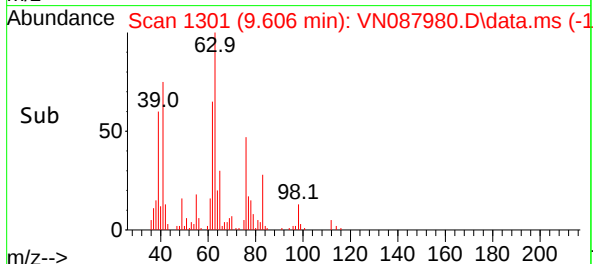
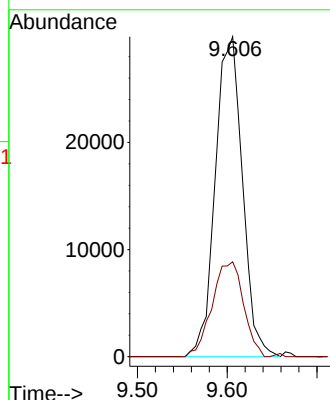
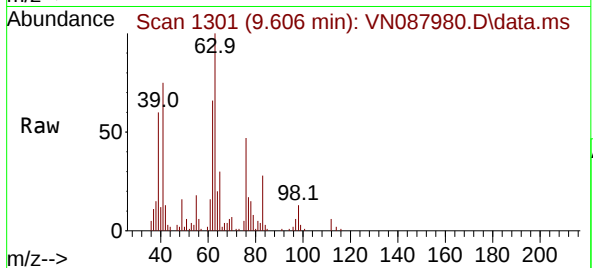
65 29.6 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#46

Dibromomethane

Concen: 20.827 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087980.D

Acq: 29 Sep 2025 14:25

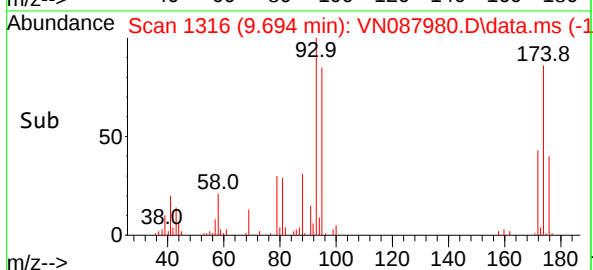
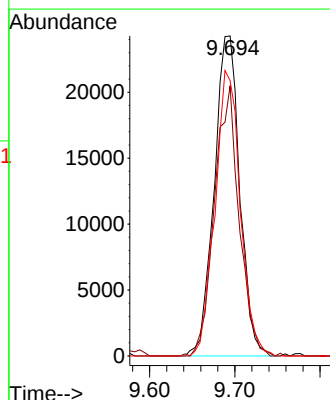
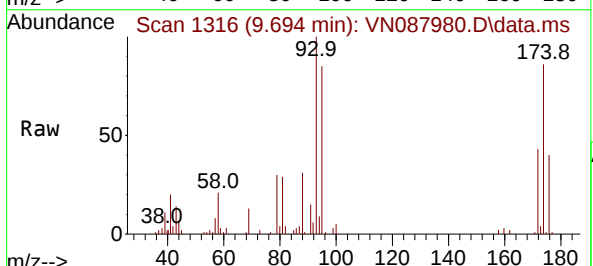
Tgt Ion: 93 Resp: 50675

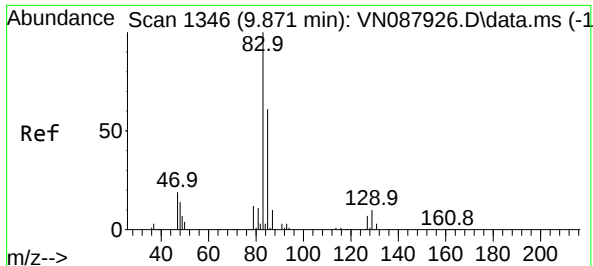
Ion Ratio Lower Upper

93 100

95 81.2 67.6 101.4

174 88.4 75.4 113.0





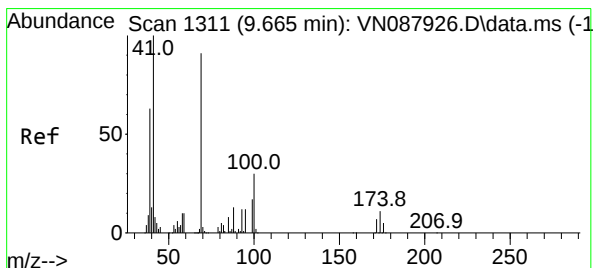
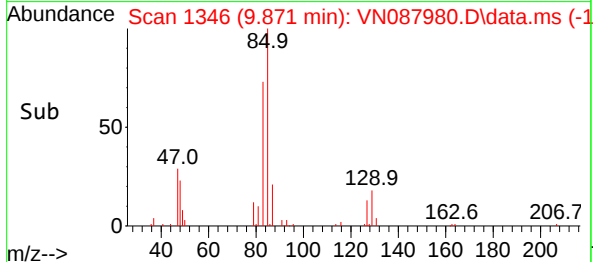
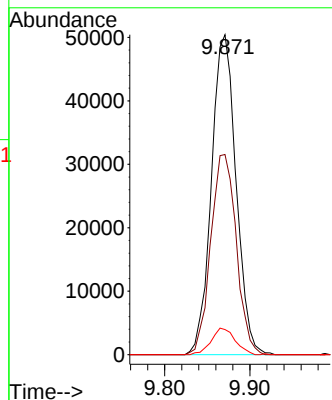
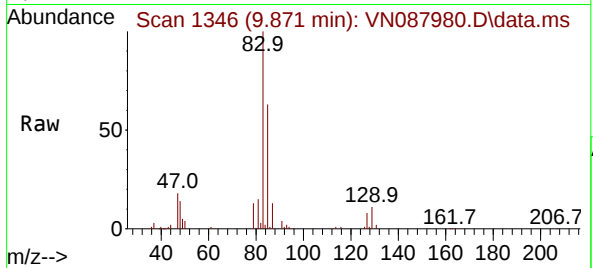
#47
Bromodichloromethane
Concen: 21.215 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN0929MBS01

Tgt Ion: 83 Resp: 101240
Ion Ratio Lower Upper
83 100
85 62.6 49.1 73.7
127 7.8 5.9 8.9

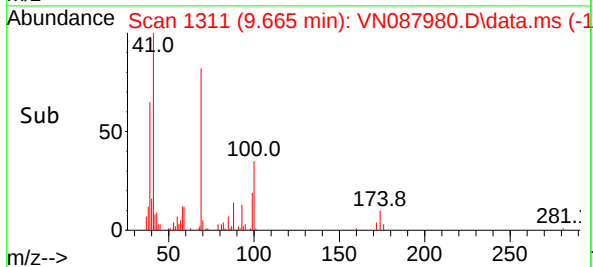
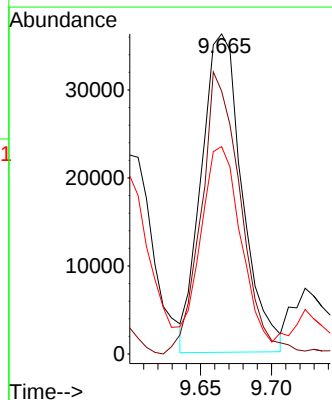
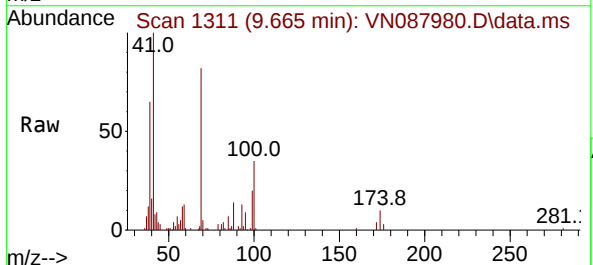
Manual Integrations
APPROVED

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



#48
Methyl methacrylate
Concen: 20.359 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

Tgt Ion: 41 Resp: 72380
Ion Ratio Lower Upper
41 100
69 85.0 70.9 106.3
39 65.8 52.9 79.3





#49

1,4-Dioxane

Concen: 514.850 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. 0.006 min

Lab File: VN087980.D

Acq: 29 Sep 2025 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0929MBS01

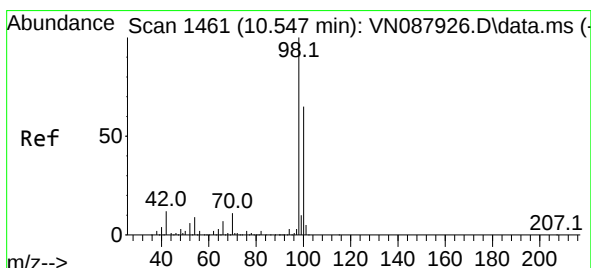
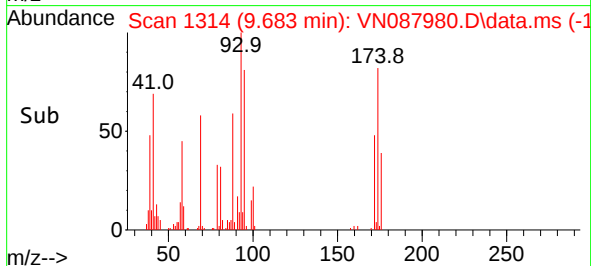
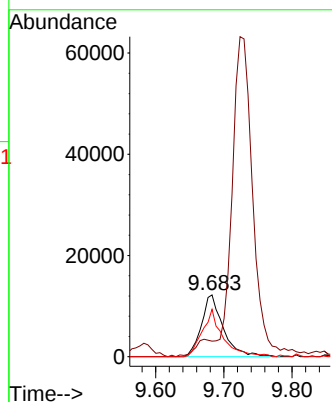
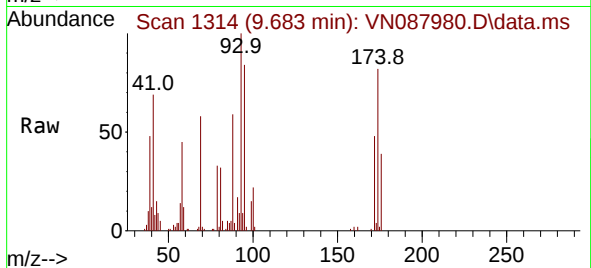
Tgt Ion: 88	Resp: 27040
Ion Ratio	Lower Upper
88 100	
43 22.4	22.6 33.8
58 72.2	57.4 86.2

Manual Integrations

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Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#50

Toluene-d8

Concen: 46.568 ug/l

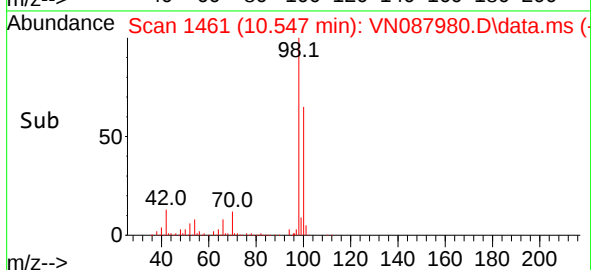
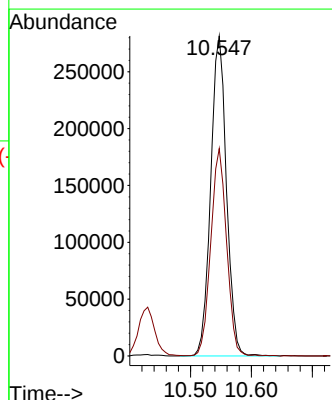
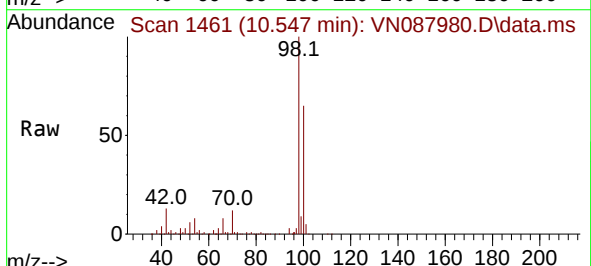
RT: 10.547 min Scan# 1461

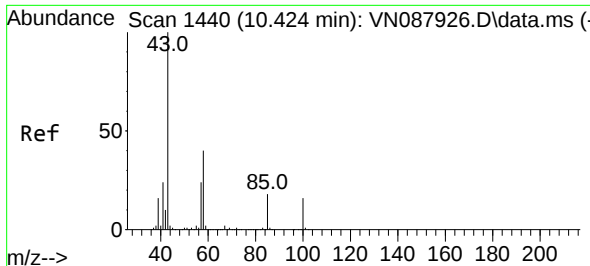
Delta R.T. 0.000 min

Lab File: VN087980.D

Acq: 29 Sep 2025 14:25

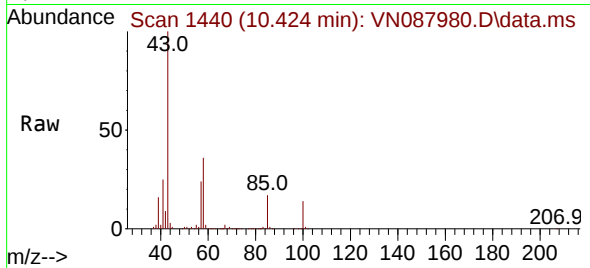
Tgt Ion: 98	Resp: 505818
Ion Ratio	Lower Upper
98 100	
100 64.7	51.7 77.5





#51
4-Methyl-2-Pentanone
Concen: 110.595 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

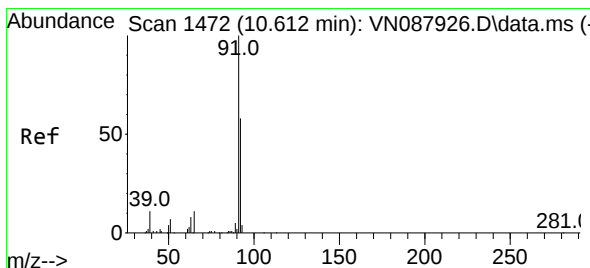
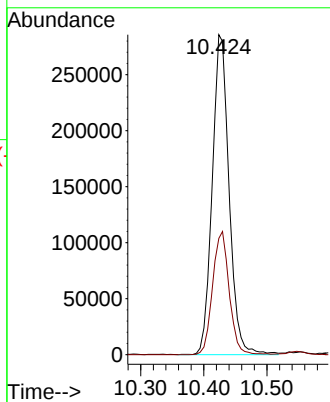
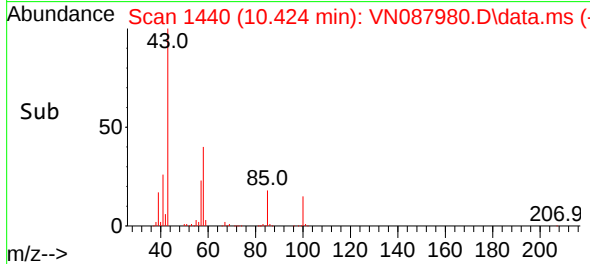
Instrument :
MSVOA_N
ClientSampleId :
VN0929MBS01



Tgt Ion: 43 Resp: 52979
Ion Ratio Lower Upper
43 100
58 38.0 31.0 46.6

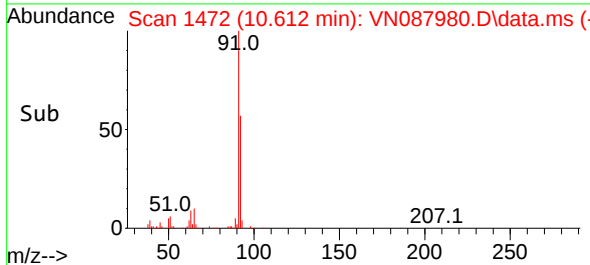
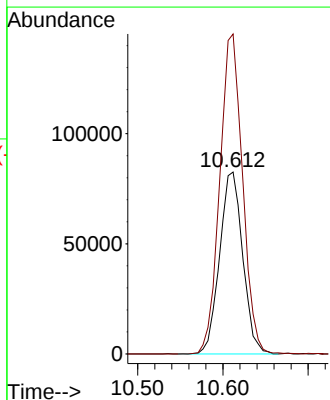
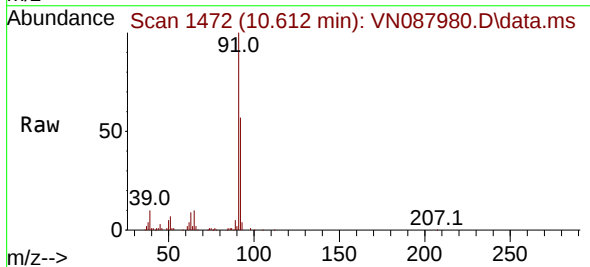
Manual Integrations
APPROVED

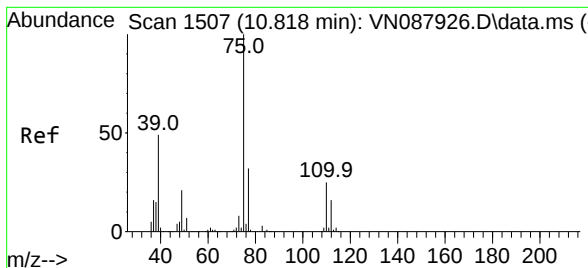
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#52
Toluene
Concen: 20.138 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

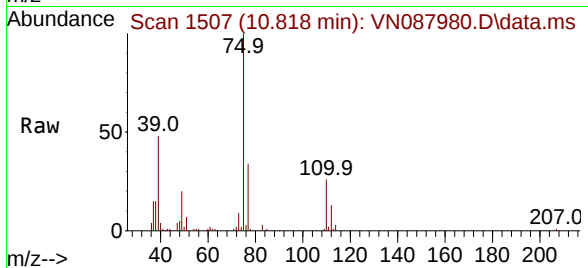
Tgt Ion: 92 Resp: 155407
Ion Ratio Lower Upper
92 100
91 173.7 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 19.244 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

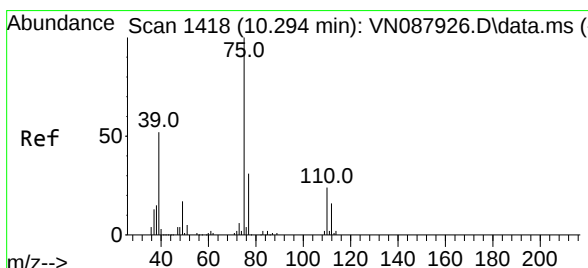
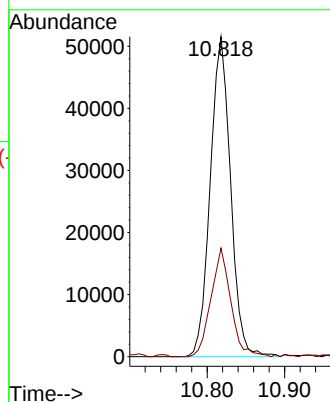
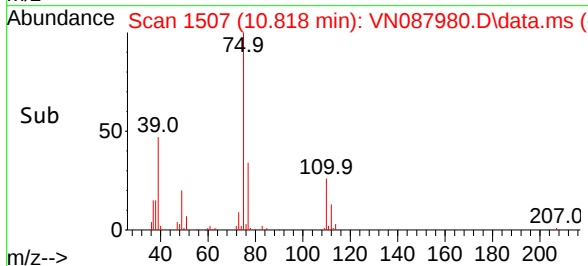
Instrument :
MSVOA_N
ClientSampleId :
VN0929MBS01



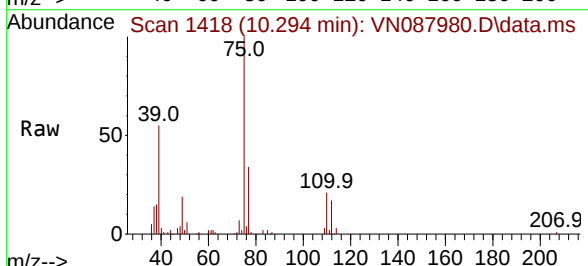
Tgt Ion: 75 Resp: 93992
Ion Ratio Lower Upper
75 100
77 33.9 25.3 37.9

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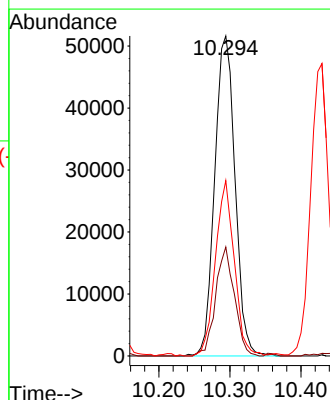
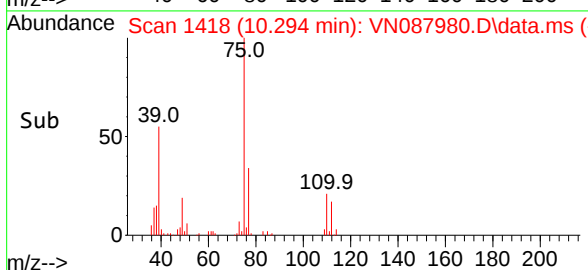
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

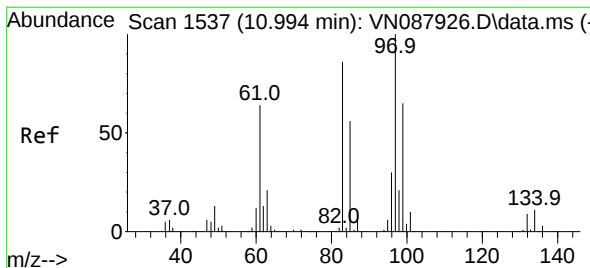


#54
cis-1,3-Dichloropropene
Concen: 20.196 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25



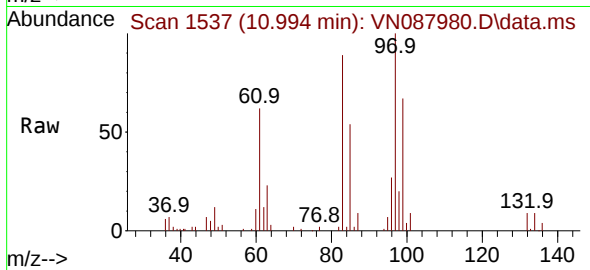
Tgt Ion: 75 Resp: 102454
Ion Ratio Lower Upper
75 100
77 34.1 24.7 37.1
39 54.5 41.4 62.0





#55
1,1,2-Trichloroethane
Concen: 20.992 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

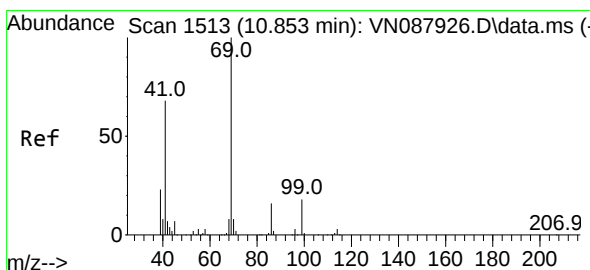
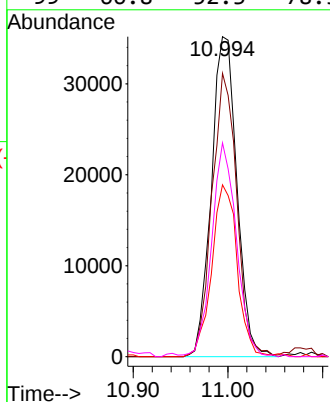
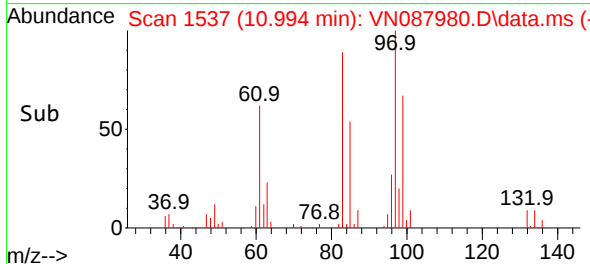
Instrument :
MSVOA_N
ClientSampleId :
VN0929MBS01



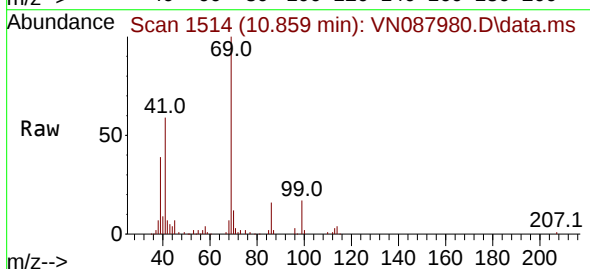
Tgt Ion: 97 Resp: 65860
Ion Ratio Lower Upper
97 100
83 88.6 69.0 103.4
85 53.7 44.4 66.6
99 66.8 52.3 78.5

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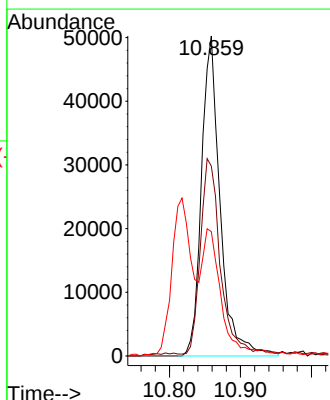
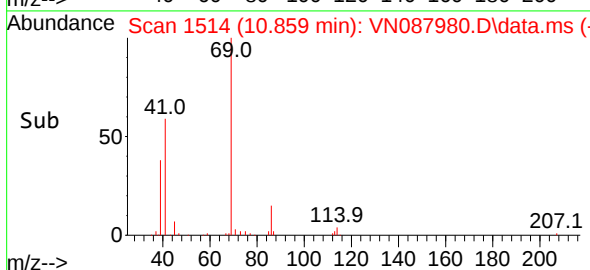
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

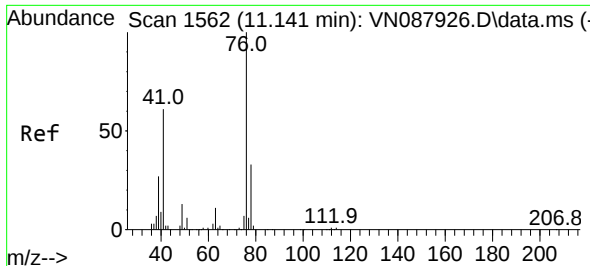


#56
Ethyl methacrylate
Concen: 20.294 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25



Tgt Ion: 69 Resp: 92009
Ion Ratio Lower Upper
69 100
41 66.1 53.8 80.6
39 37.4 34.7 52.1





#57

1,3-Dichloropropane

Concen: 20.523 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. 0.000 min

Lab File: VN087980.D

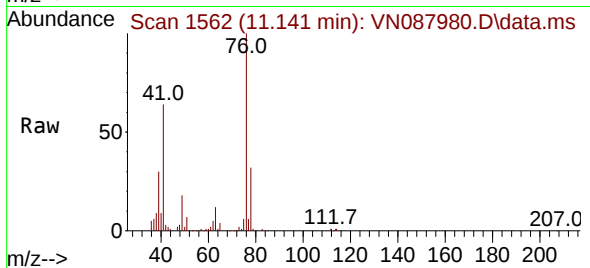
Acq: 29 Sep 2025 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0929MBS01



Tgt Ion: 76 Resp: 105910

Ion Ratio Lower Upper

76 100

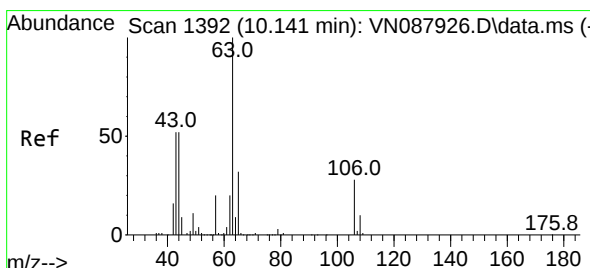
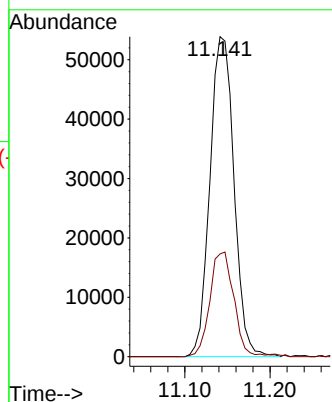
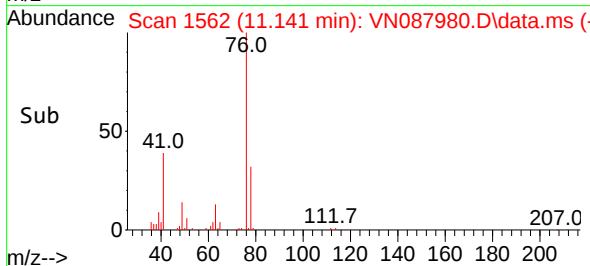
78 32.4 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#58

2-Chloroethyl Vinyl ether

Concen: 118.046 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN087980.D

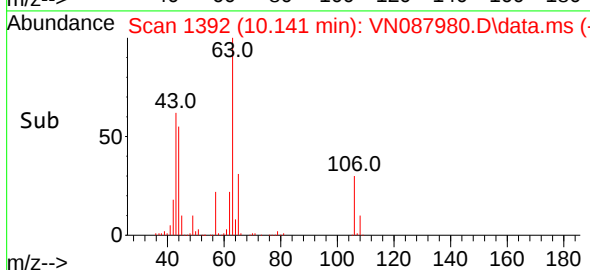
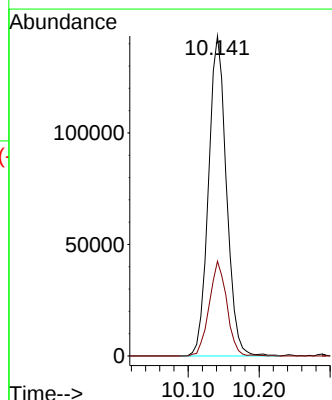
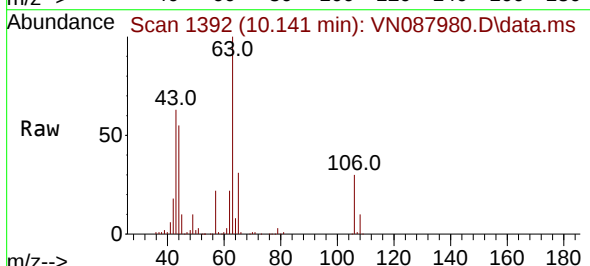
Acq: 29 Sep 2025 14:25

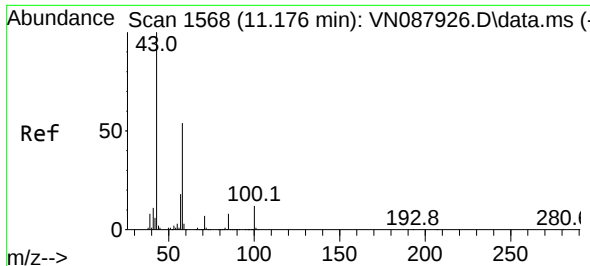
Tgt Ion: 63 Resp: 251643

Ion Ratio Lower Upper

63 100

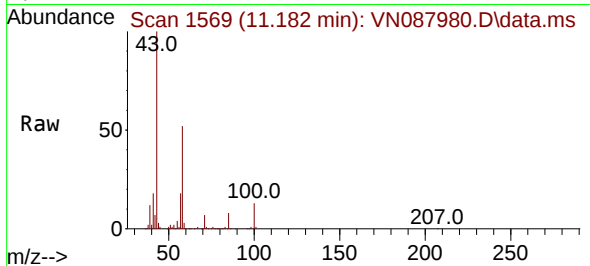
106 29.1 22.6 33.8





#59
2-Hexanone
Concen: 108.841 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

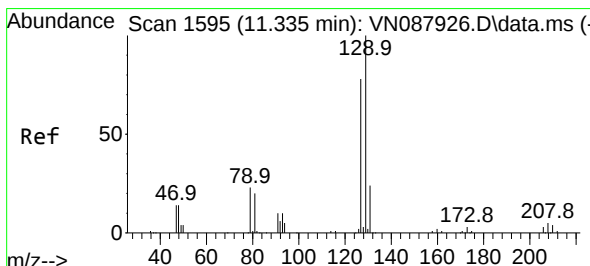
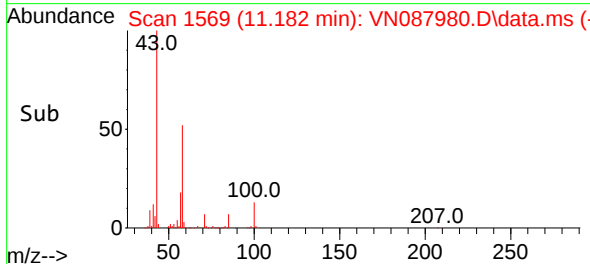
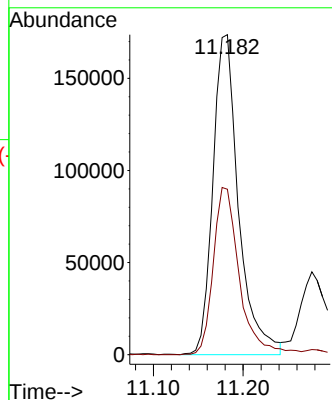
Instrument :
MSVOA_N
ClientSampleId :
VN0929MBS01



Tgt Ion: 43 Resp: 344750
Ion Ratio Lower Upper
43 100
58 53.2 26.4 79.2

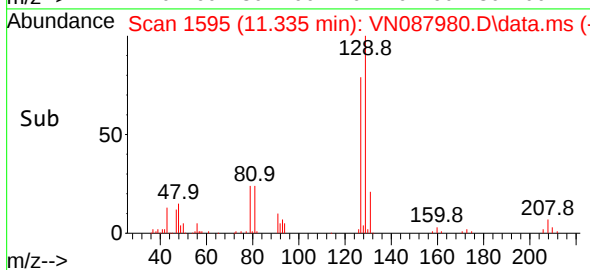
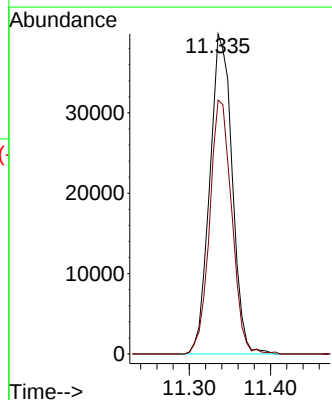
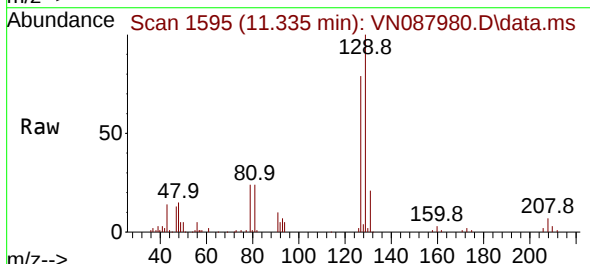
Manual Integrations
APPROVED

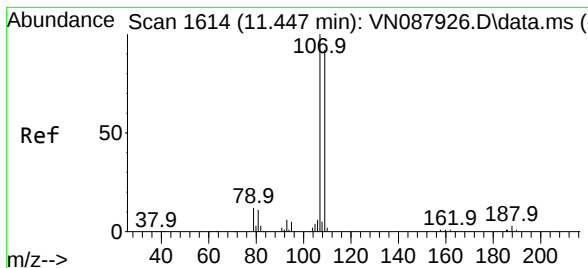
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#60
Dibromochloromethane
Concen: 20.690 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

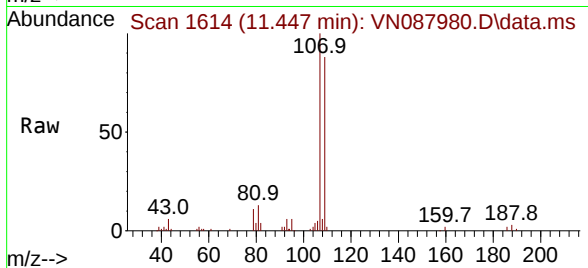
Tgt Ion:129 Resp: 76328
Ion Ratio Lower Upper
129 100
127 78.2 39.3 117.9





#61
1,2-Dibromoethane
Concen: 20.227 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

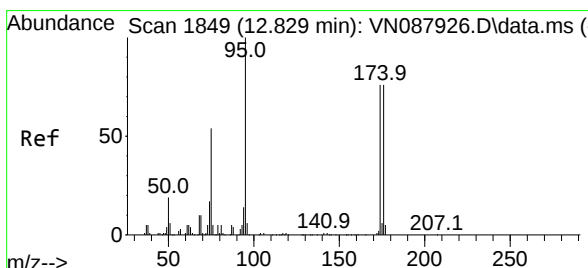
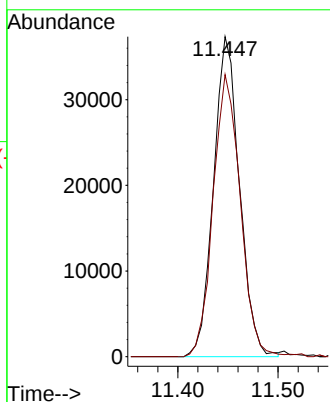
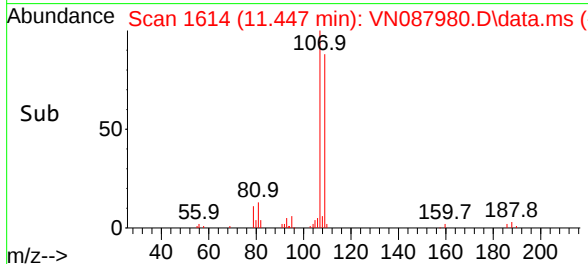
Instrument :
MSVOA_N
ClientSampleId :
VN0929MBS01



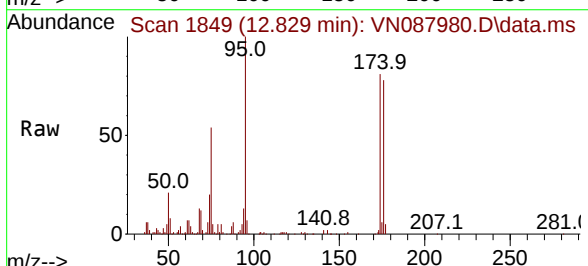
Tgt Ion:107 Resp: 67188
Ion Ratio Lower Upper
107 100
109 92.2 75.3 112.9

Manual Integrations
APPROVED

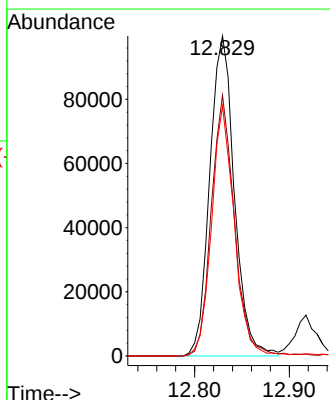
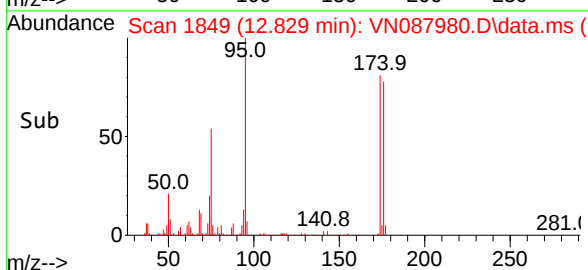
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

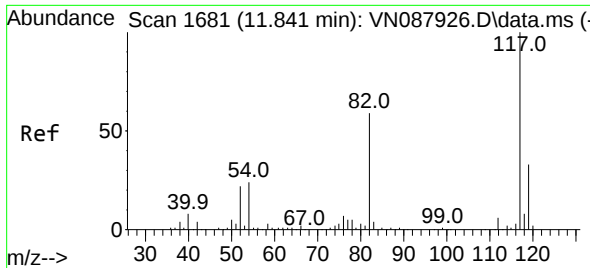


#62
4-Bromofluorobenzene
Concen: 46.403 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25



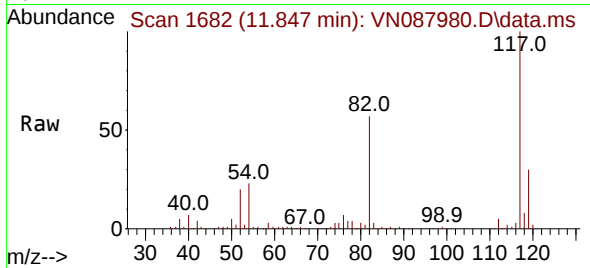
Tgt Ion: 95 Resp: 180161
Ion Ratio Lower Upper
95 100
174 76.4 0.0 159.2
176 72.1 0.0 152.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

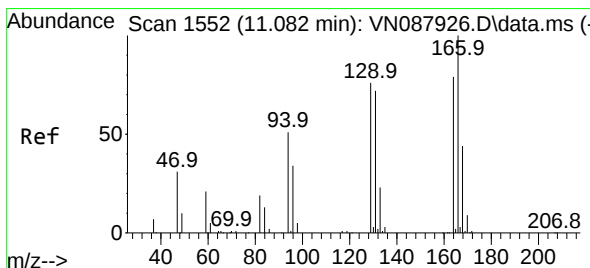
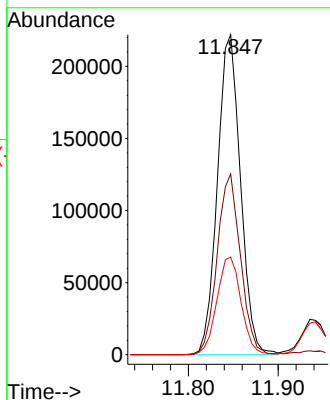
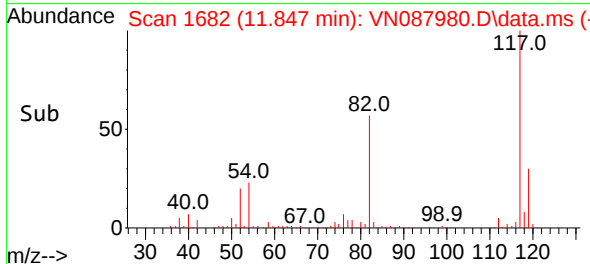
Instrument :
MSVOA_N
ClientSampleId :
VN0929MBS01



Tgt Ion:117 Resp: 39634
Ion Ratio Lower Upper
117 100
82 56.5 47.0 70.4
119 30.5 26.1 39.1

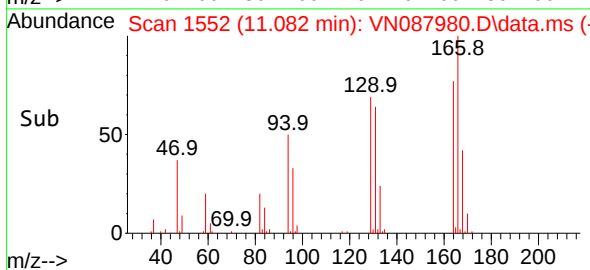
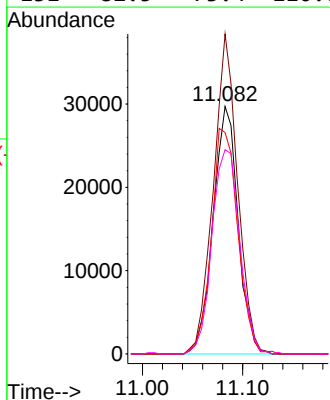
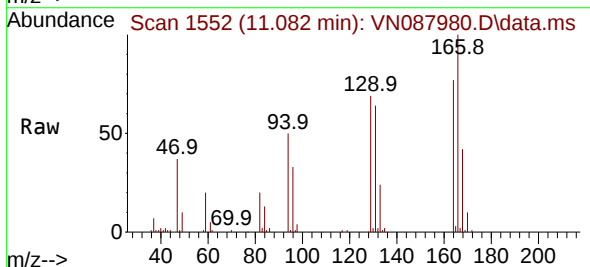
Manual Integrations
APPROVED

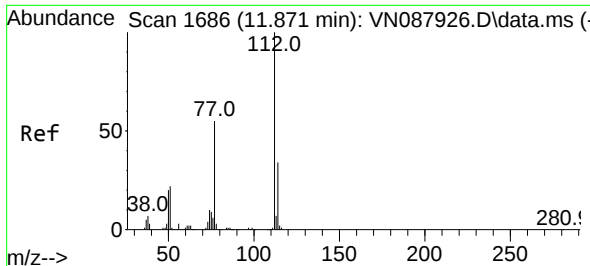
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#64
Tetrachloroethene
Concen: 21.229 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

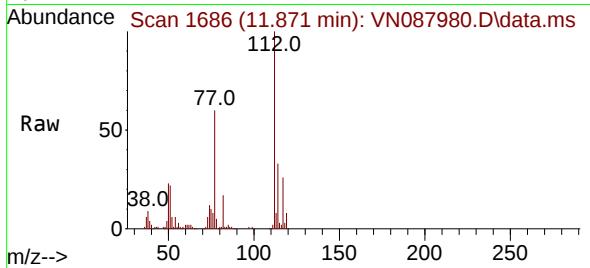
Tgt Ion:164 Resp: 51254
Ion Ratio Lower Upper
164 100
166 129.3 101.6 152.4
129 89.5 77.5 116.3
131 82.5 73.4 110.0





#65
Chlorobenzene
Concen: 19.854 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

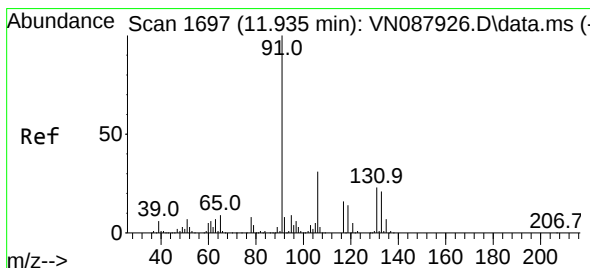
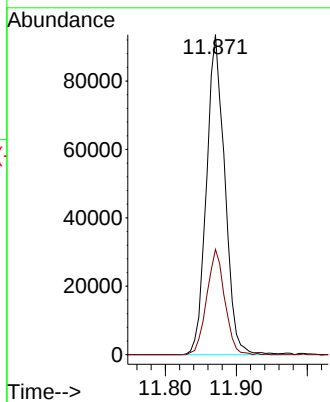
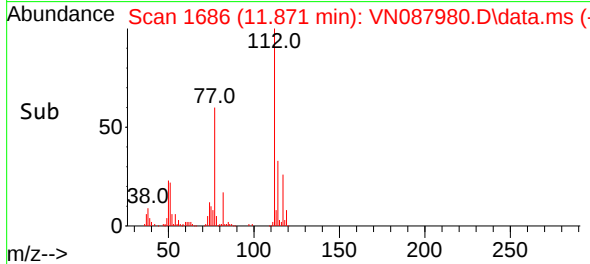
Instrument :
MSVOA_N
ClientSampleId :
VN0929MBS01



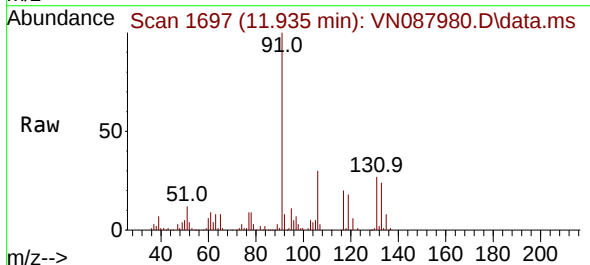
Tgt Ion:112 Resp: 167460
Ion Ratio Lower Upper
112 100
114 32.9 27.2 40.8

Manual Integrations
APPROVED

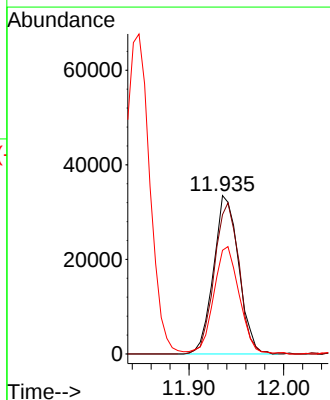
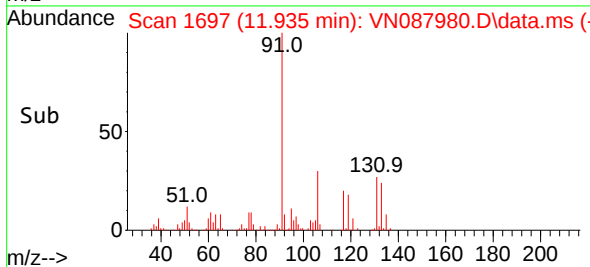
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

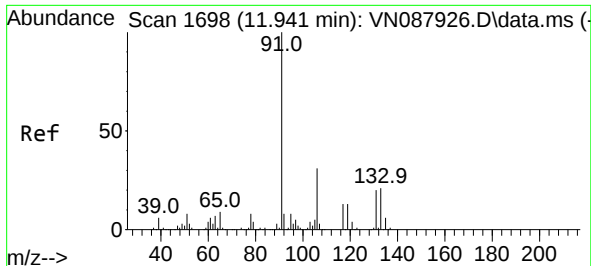


#66
1,1,1,2-Tetrachloroethane
Concen: 20.422 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25



Tgt Ion:131 Resp: 62115
Ion Ratio Lower Upper
131 100
133 94.0 48.4 145.0
119 69.3 31.9 95.5





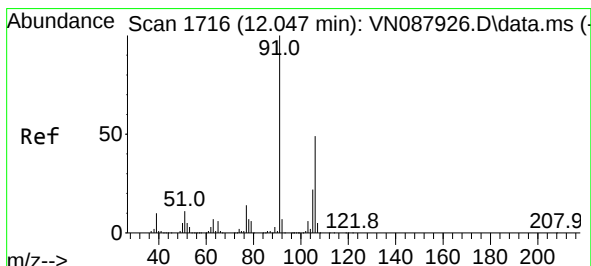
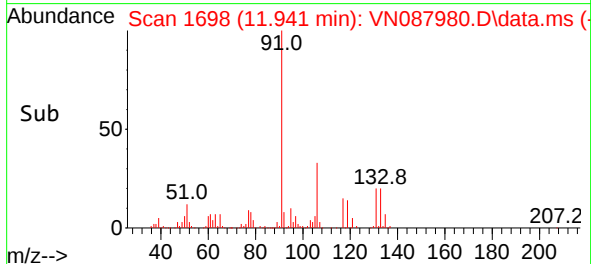
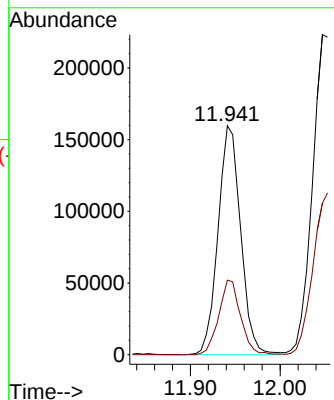
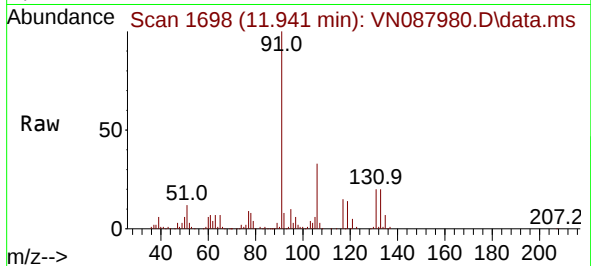
#67
Ethyl Benzene
Concen: 19.882 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN0929MBS01

Tgt Ion: 91 Resp: 279812
Ion Ratio Lower Upper
91 100
106 32.5 25.2 37.8

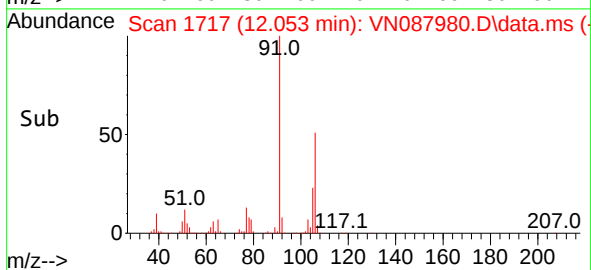
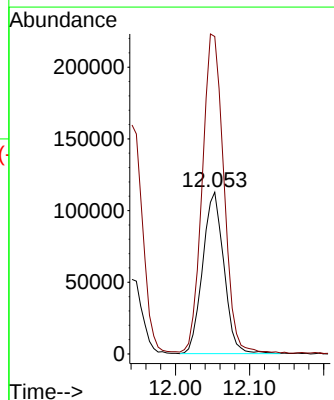
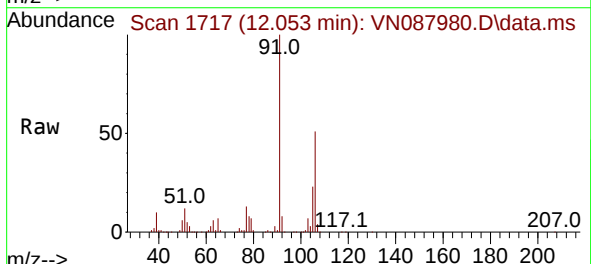
Manual Integrations
APPROVED

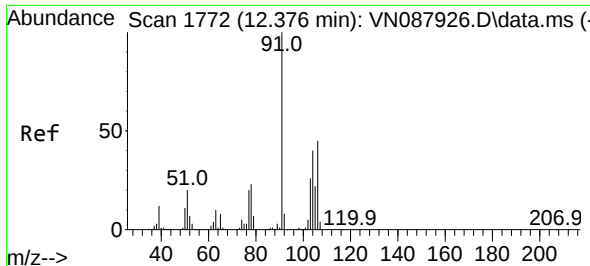
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#68
m/p-Xylenes
Concen: 41.594 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

Tgt Ion:106 Resp: 223884
Ion Ratio Lower Upper
106 100
91 201.3 162.9 244.3





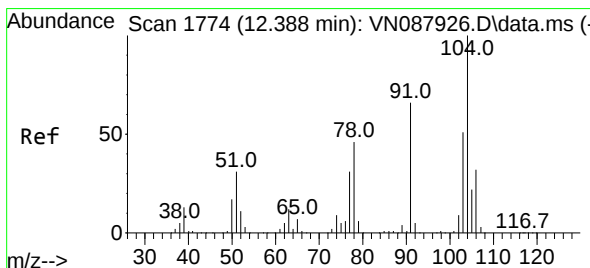
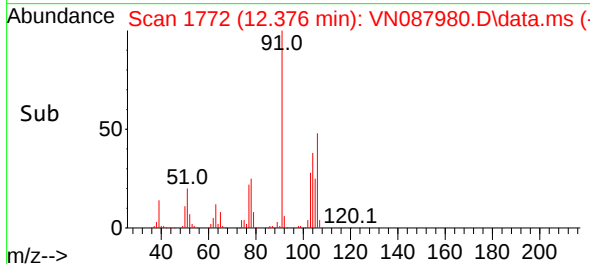
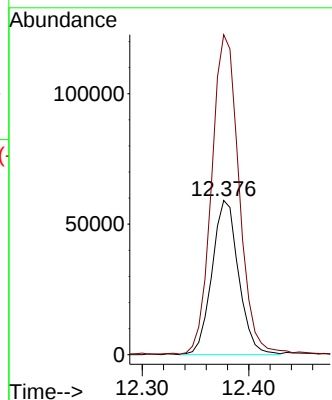
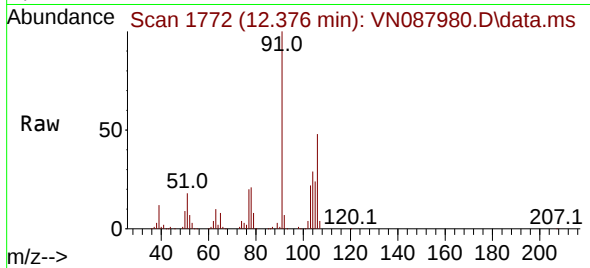
#69
o-Xylene
Concen: 19.785 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN0929MBS01

Tgt Ion:106 Resp: 102315
Ion Ratio Lower Upper
106 100
91 214.2 108.2 324.6

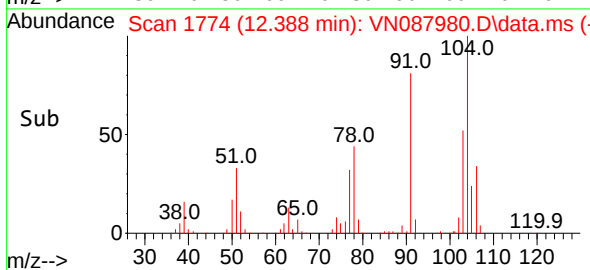
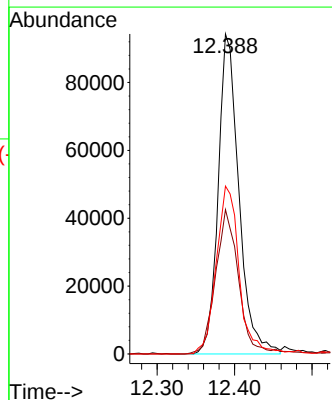
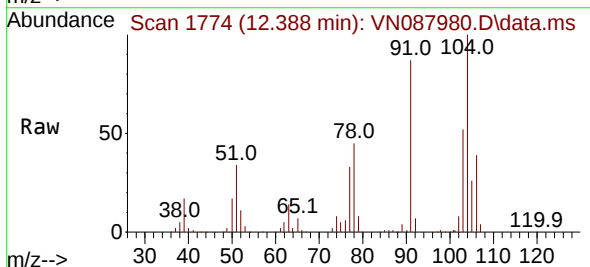
Manual Integrations
APPROVED

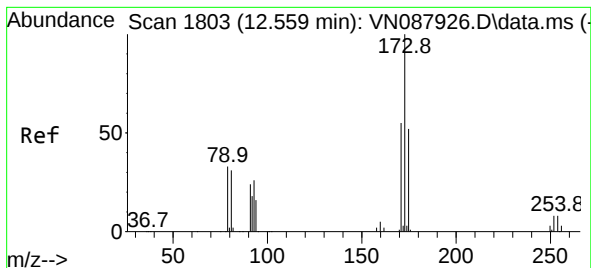
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#70
Styrene
Concen: 19.720 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

Tgt Ion:104 Resp: 175139
Ion Ratio Lower Upper
104 100
78 50.5 39.7 59.5
103 58.0 44.6 67.0





#71

Bromoform

Concen: 20.502 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VN087980.D

Acq: 29 Sep 2025 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0929MBS01

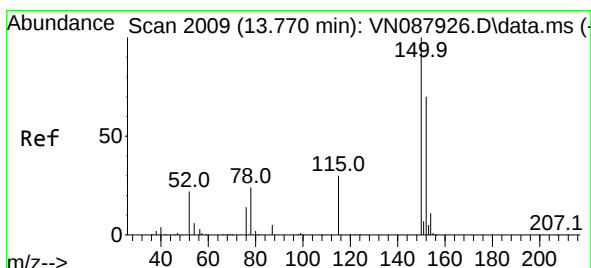
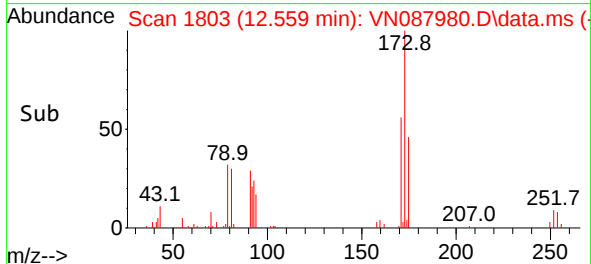
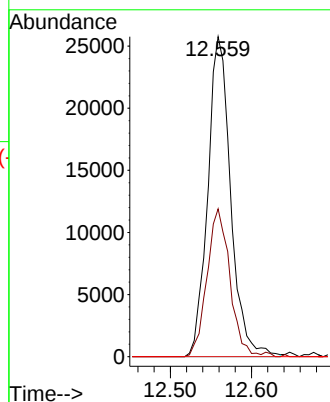
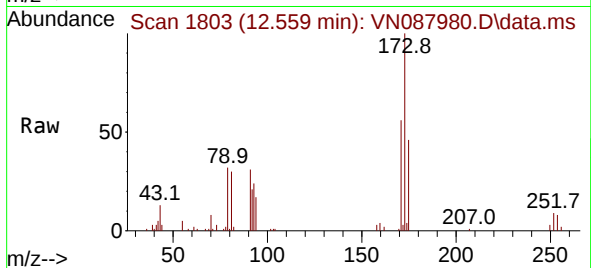
Tgt Ion:173	Resp: 5059
Ion Ratio	Lower Upper
173 100	
175 45.9	23.7 71.1
254 0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

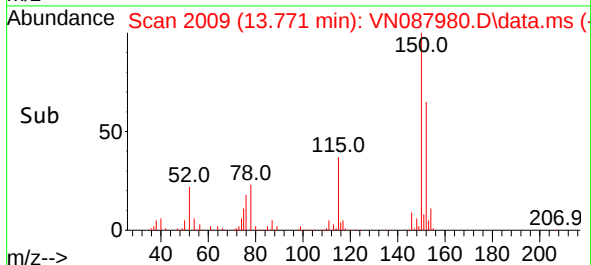
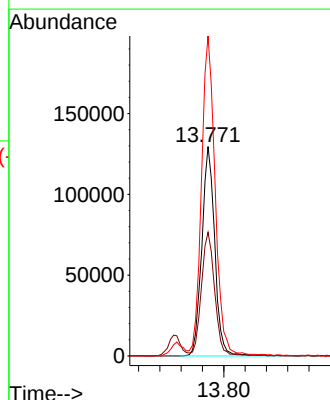
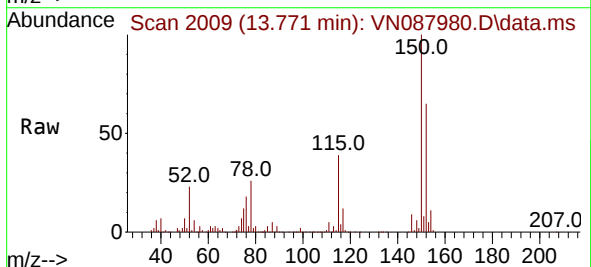
RT: 13.771 min Scan# 2009

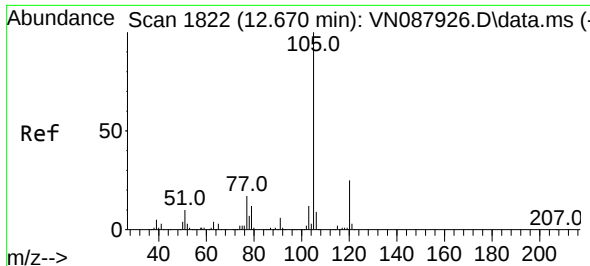
Delta R.T. 0.000 min

Lab File: VN087980.D

Acq: 29 Sep 2025 14:25

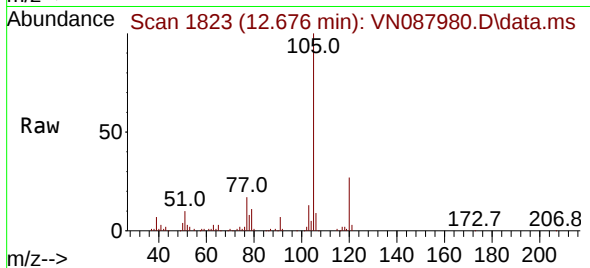
Tgt Ion:152	Resp: 218719
Ion Ratio	Lower Upper
152 100	
115 59.8	29.9 89.7
150 161.5	0.0 335.0





#73
Isopropylbenzene
Concen: 19.847 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

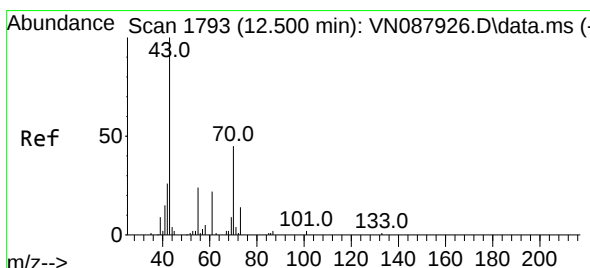
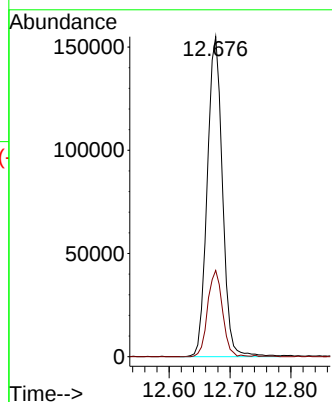
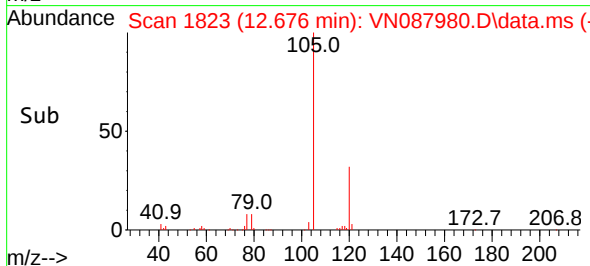
Instrument :
MSVOA_N
ClientSampleId :
VN0929MBS01



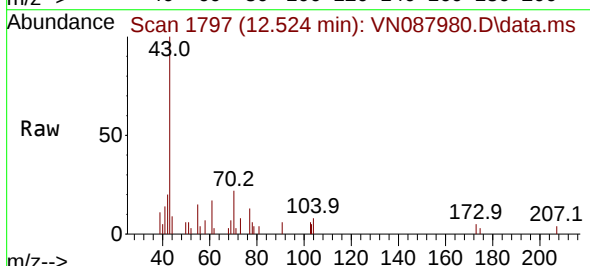
Tgt Ion:105 Resp: 26904
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1

Manual Integrations
APPROVED

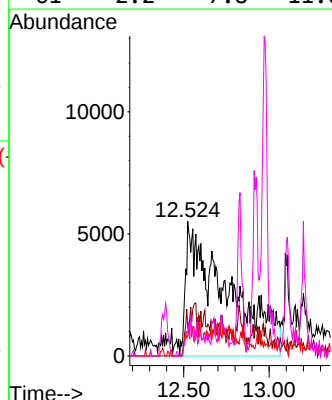
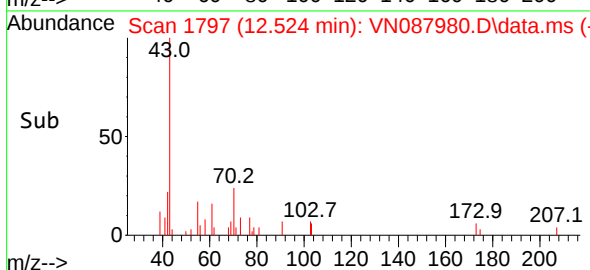
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

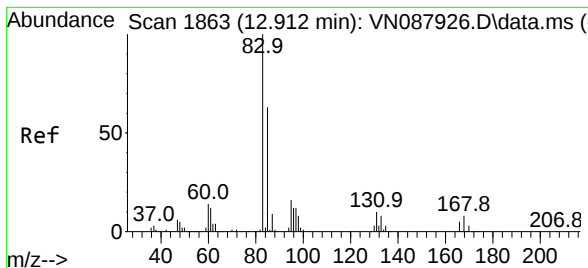


#74
N-ethyl acetate
Concen: 20.515 ug/l m
RT: 12.524 min Scan# 1797
Delta R.T. 0.024 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25



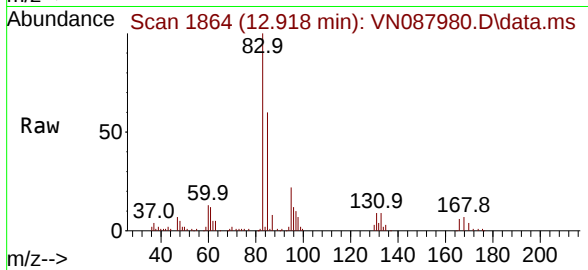
Tgt Ion: 43 Resp: 91629
Ion Ratio Lower Upper
43 100
70 2.6 19.8 29.8#
55 0.0 9.6 14.4#
61 2.2 7.8 11.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 20.974 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

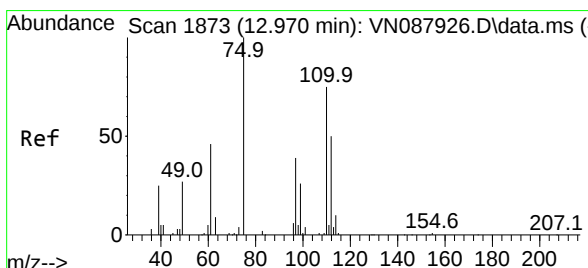
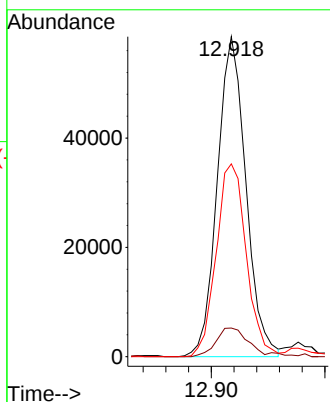
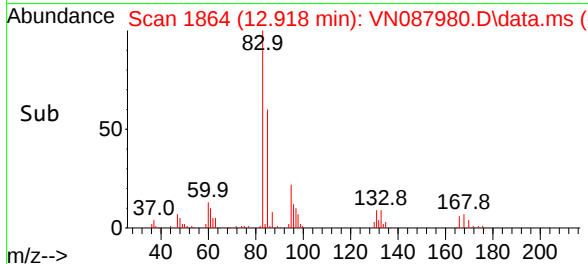
Instrument :
MSVOA_N
ClientSampleId :
VN0929MBS01



Tgt Ion: 83 Resp: 10244
Ion Ratio Lower Upper
83 100
131 10.7 5.2 15.6
85 63.1 32.4 97.0

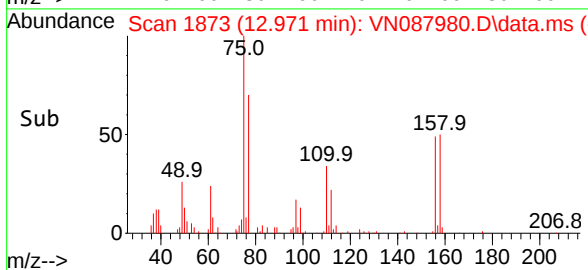
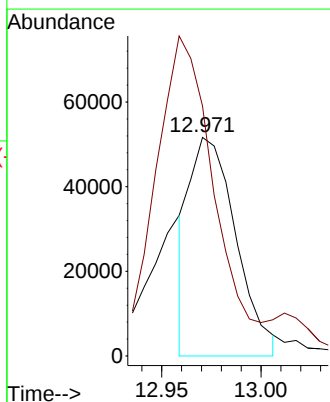
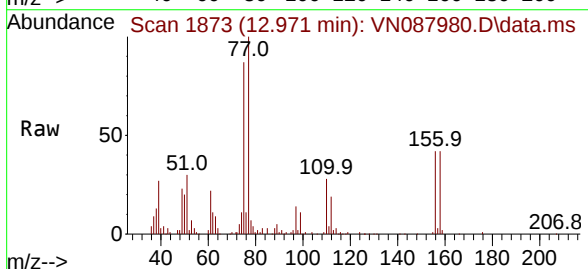
Manual Integrations
APPROVED

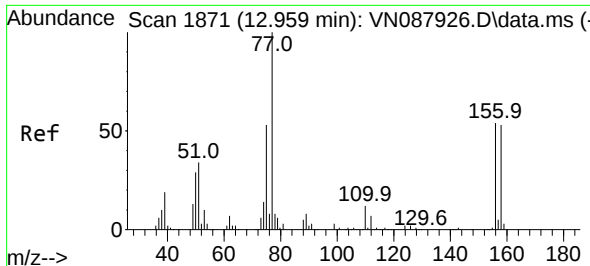
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#76
1,2,3-Trichloropropane
Concen: 19.391 ug/l m
RT: 12.971 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

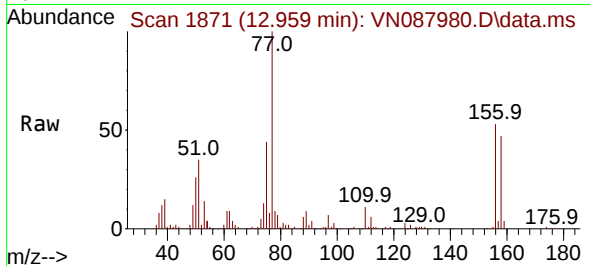
Tgt Ion: 75 Resp: 83602
Ion Ratio Lower Upper
75 100
77 186.6 89.5 268.5





#77
Bromobenzene
Concen: 19.938 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

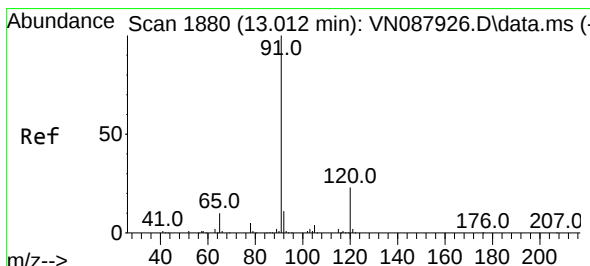
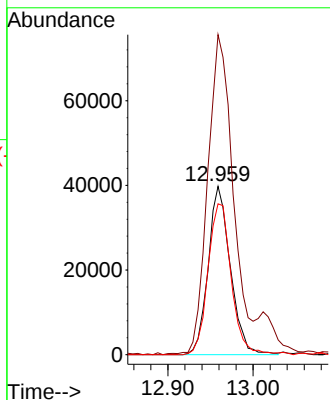
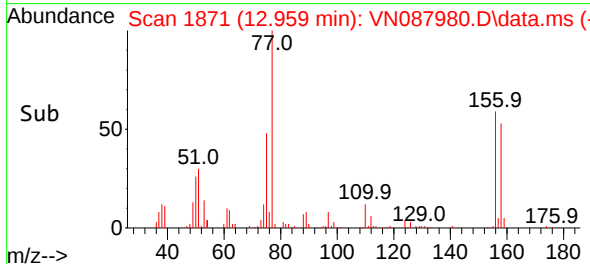
Instrument :
MSVOA_N
ClientSampleId :
VN0929MBS01



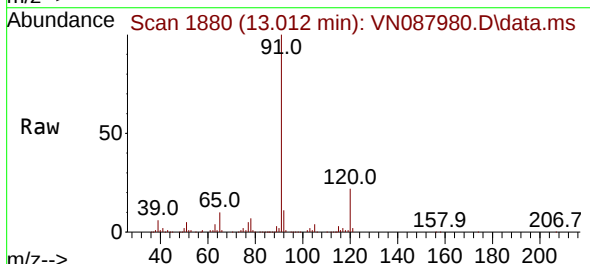
Tgt Ion:156 Resp: 71912
Ion Ratio Lower Upper
156 100
77 216.9 108.2 324.6
158 94.4 49.6 149.0

Manual Integrations
APPROVED

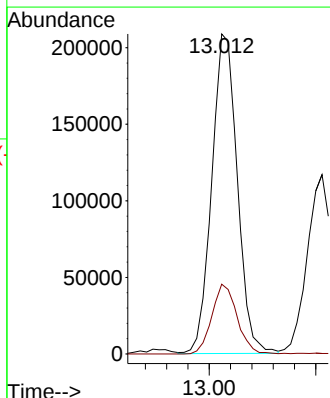
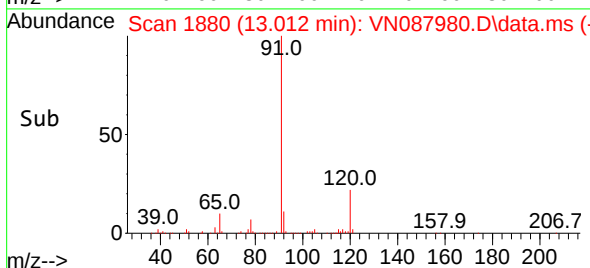
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

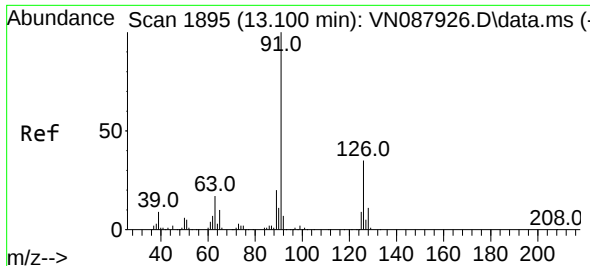


#78
n-propylbenzene
Concen: 20.501 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25



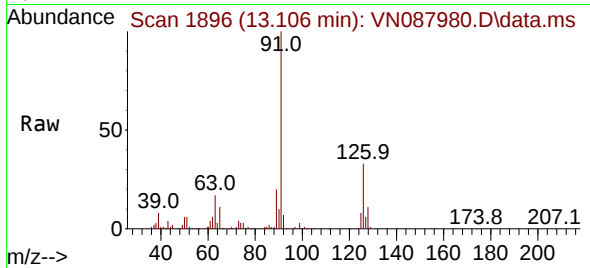
Tgt Ion: 91 Resp: 347445
Ion Ratio Lower Upper
91 100
120 21.5 11.1 33.1





#79
2-Chlorotoluene
Concen: 19.455 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

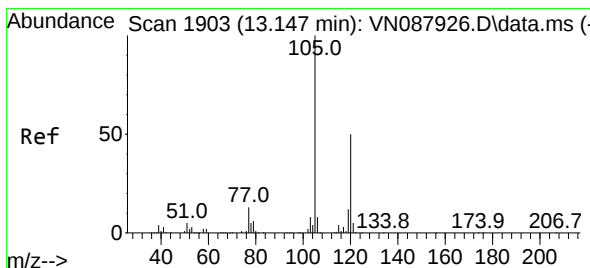
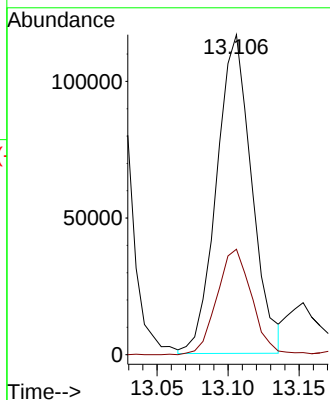
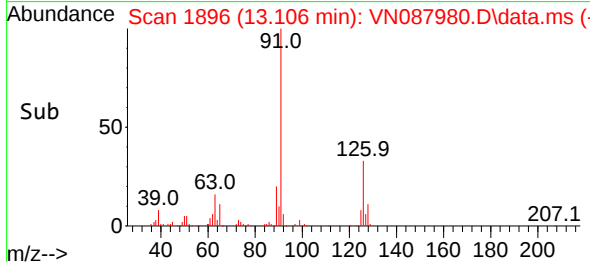
Instrument :
MSVOA_N
ClientSampleId :
VN0929MBS01



Tgt Ion: 91 Resp: 20077
Ion Ratio Lower Upper
91 100
126 32.9 16.6 49.8

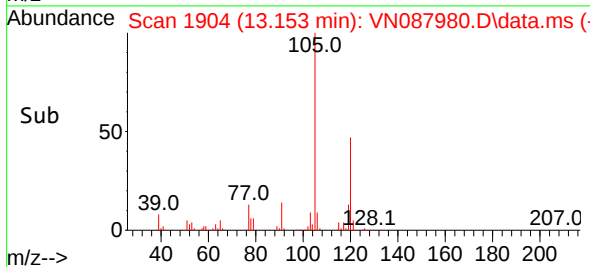
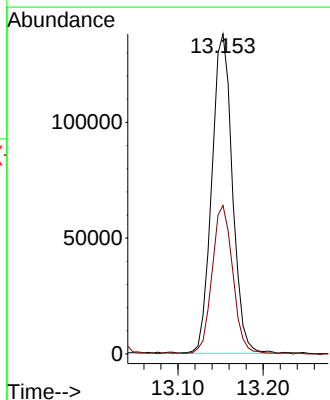
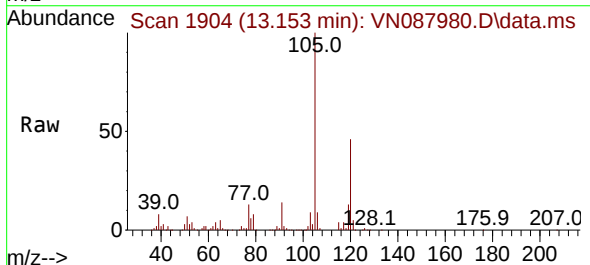
Manual Integrations
APPROVED

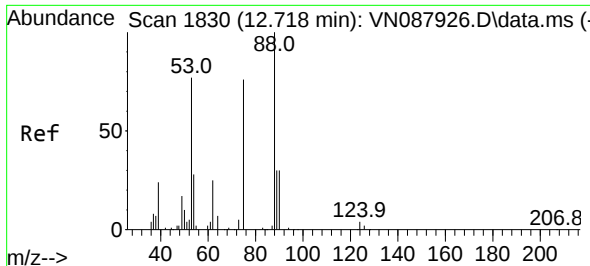
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.758 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

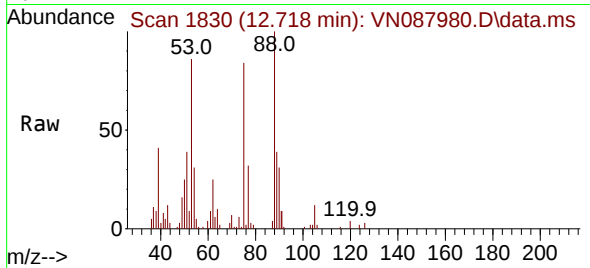
Tgt Ion:105 Resp: 231662
Ion Ratio Lower Upper
105 100
120 47.1 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 18.593 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

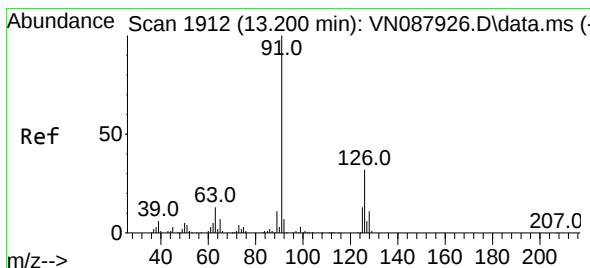
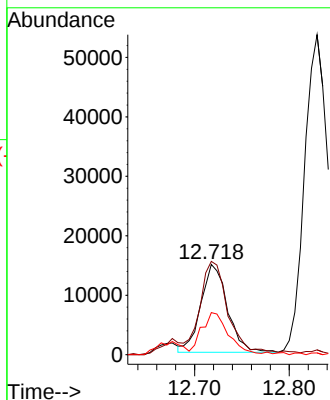
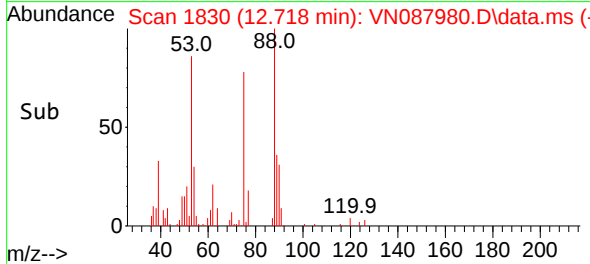
Instrument :
MSVOA_N
ClientSampleId :
VN0929MBS01



Tgt Ion: 75 Resp: 2886
Ion Ratio Lower Upper
75 100
53 112.1 82.0 123.0
89 45.8 36.1 54.1

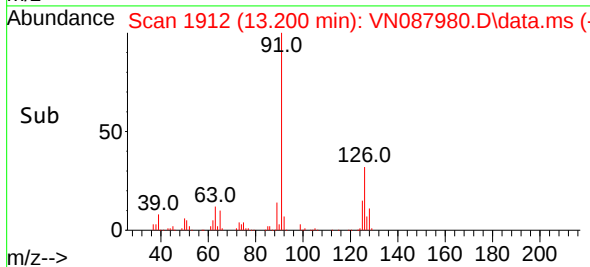
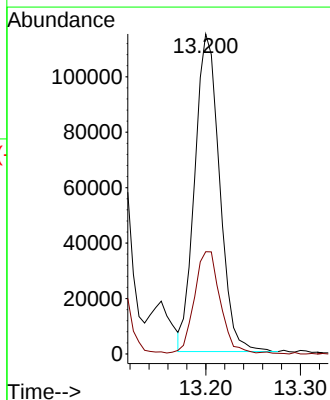
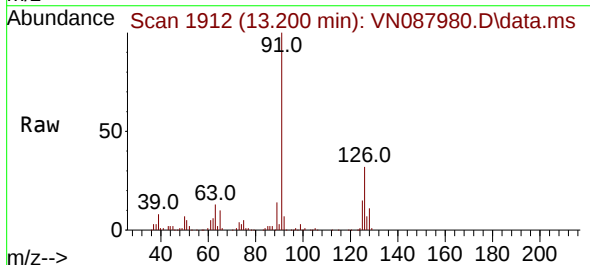
Manual Integrations
APPROVED

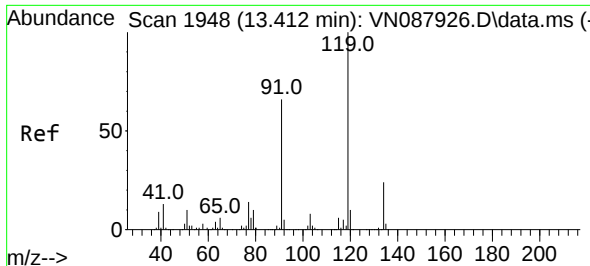
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#82
4-Chlorotoluene
Concen: 20.067 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

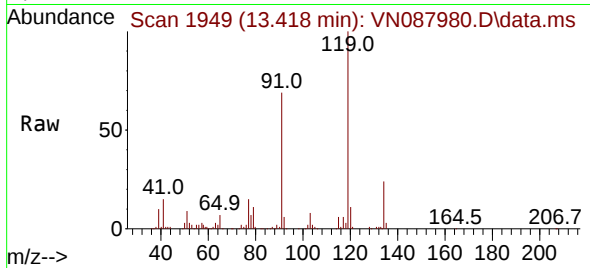
Tgt Ion: 91 Resp: 208659
Ion Ratio Lower Upper
91 100
126 34.1 16.9 50.6





#83
tert-Butylbenzene
Concen: 19.537 ug/l
RT: 13.418 min Scan# 1948
Delta R.T. 0.006 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

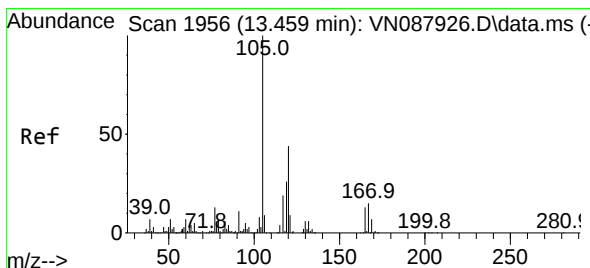
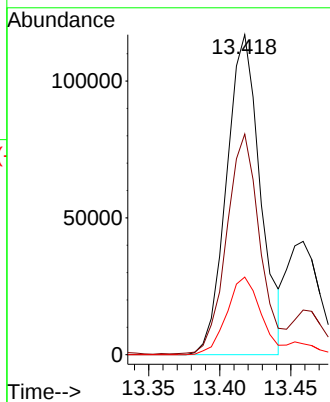
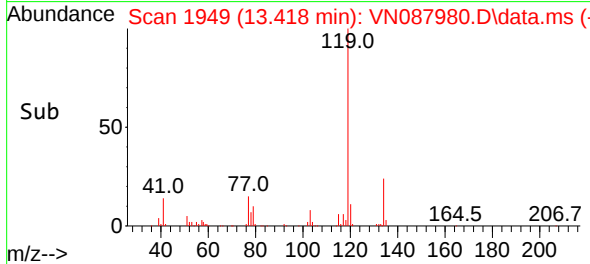
Instrument :
MSVOA_N
ClientSampleId :
VN0929MBS01



Tgt Ion:119 Resp: 193890
Ion Ratio Lower Upper
119 100
91 68.4 32.1 96.3
134 24.7 12.3 36.8

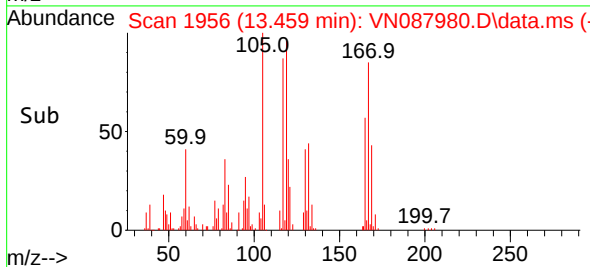
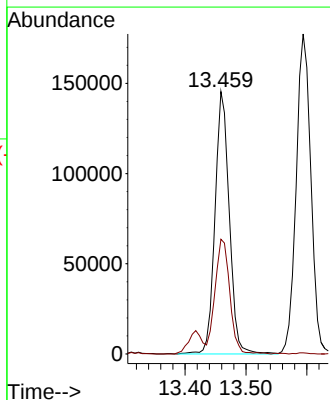
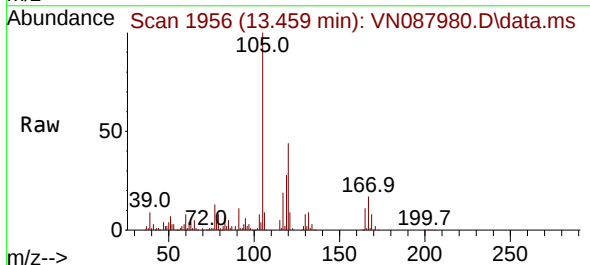
Manual Integrations
APPROVED

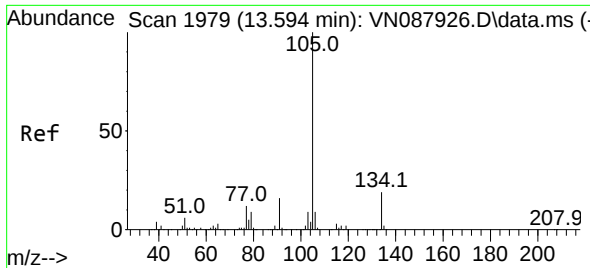
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#84
1,2,4-Trimethylbenzene
Concen: 19.731 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

Tgt Ion:105 Resp: 237301
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.3





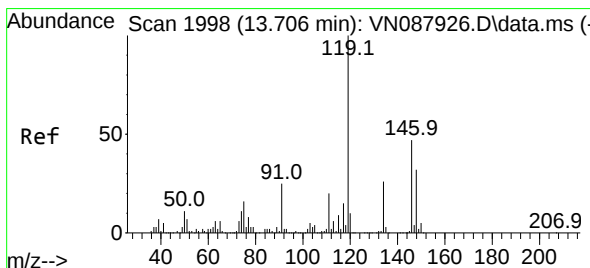
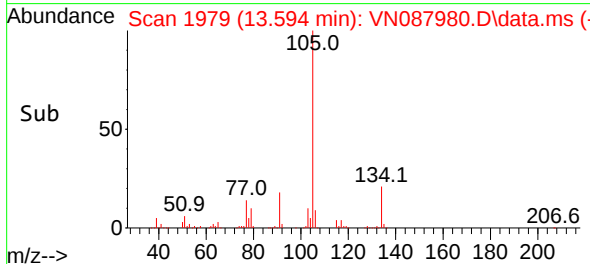
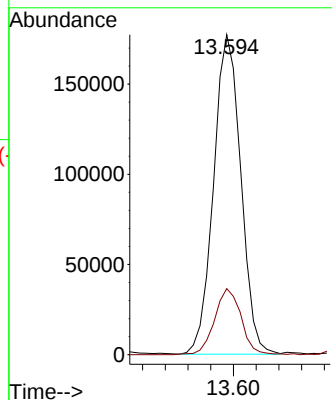
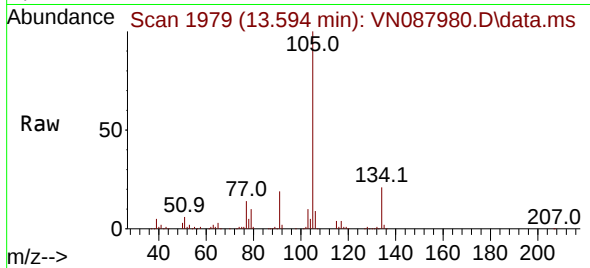
#85
 sec-Butylbenzene
 Concen: 20.267 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087980.D
 Acq: 29 Sep 2025 14:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929MBS01

Tgt Ion:105 Resp: 294890
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.6 28.8

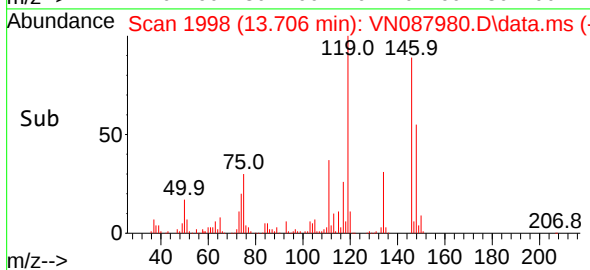
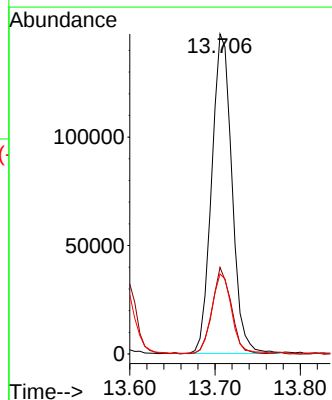
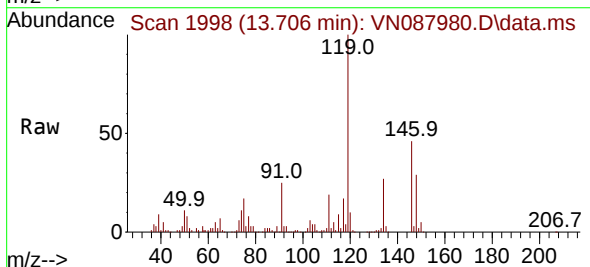
Manual Integrations
 APPROVED

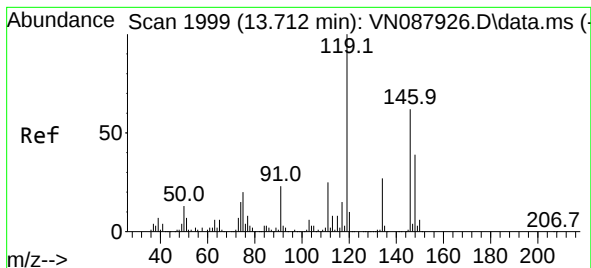
Reviewed By :John Carlone 09/30/2025
 Supervised By :Mahesh Dadoda 10/03/2025



#86
 p-Isopropyltoluene
 Concen: 19.707 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087980.D
 Acq: 29 Sep 2025 14:25

Tgt Ion:119 Resp: 242865
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.1 39.3
 91 24.4 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 19.594 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN087980.D

Acq: 29 Sep 2025 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0929MBS01

Tgt Ion:146 Resp: 137900

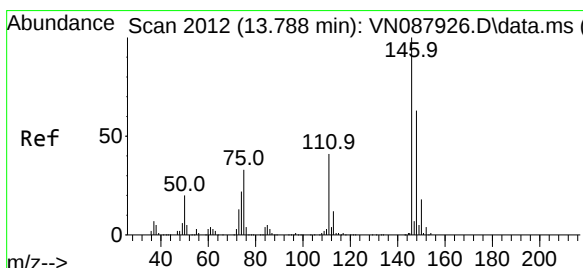
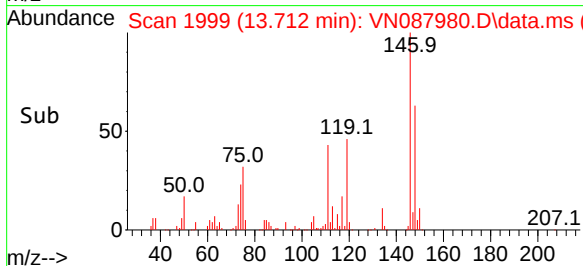
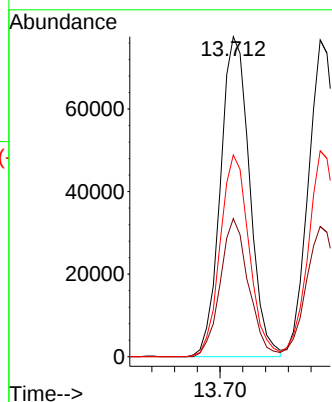
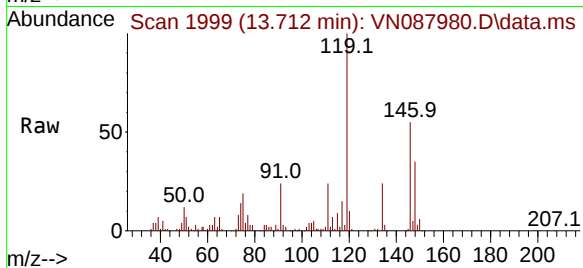
Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.3	60.8
148	62.8	32.4	97.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#88

1,4-Dichlorobenzene

Concen: 19.110 ug/l

RT: 13.788 min Scan# 1212

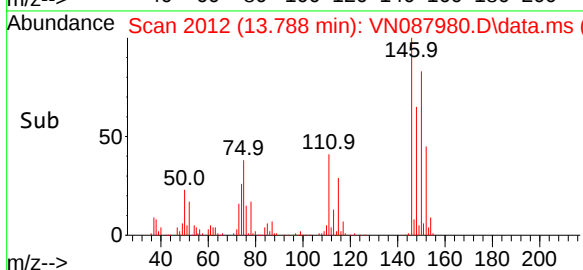
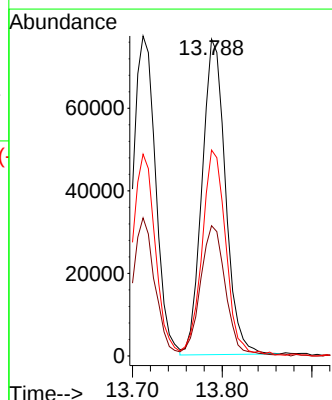
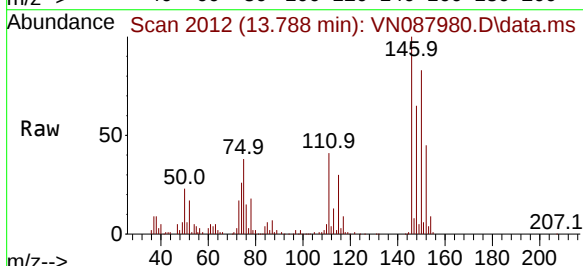
Delta R.T. 0.000 min

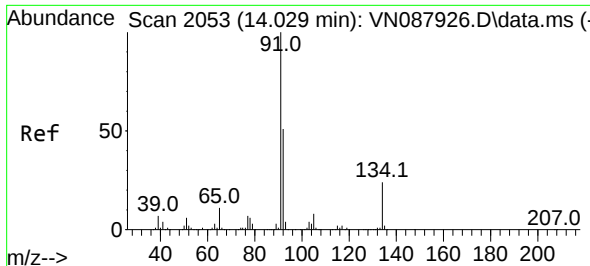
Lab File: VN087980.D

Acq: 29 Sep 2025 14:25

Tgt Ion:146 Resp: 138222

Ion	Ratio	Lower	Upper
146	100		
111	43.6	20.5	61.5
148	66.6	32.8	98.4





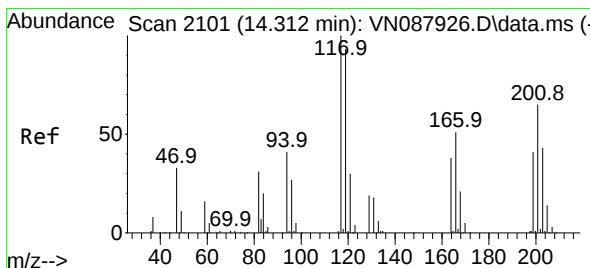
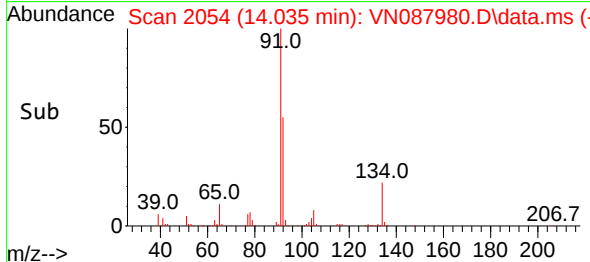
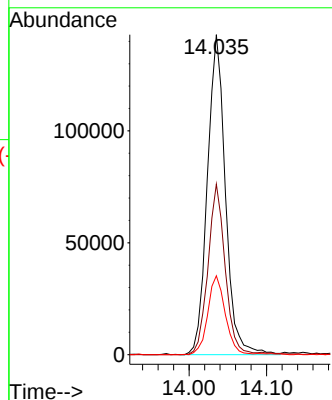
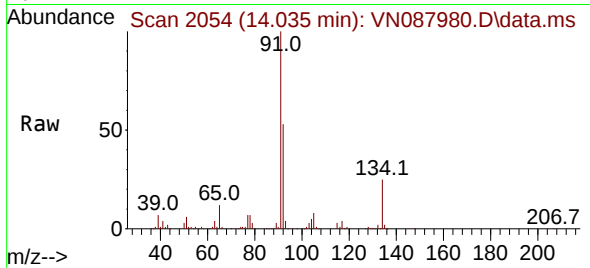
#89
n-Butylbenzene
Concen: 19.895 ug/l
RT: 14.035 min Scan# 2053
Delta R.T. 0.006 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

Instrument :
MSVOA_N
ClientSampleId :
VN0929MBS01

Tgt Ion: 91 Resp: 231708
Ion Ratio Lower Upper
91 100
92 50.5 25.9 77.8
134 24.3 12.6 37.8

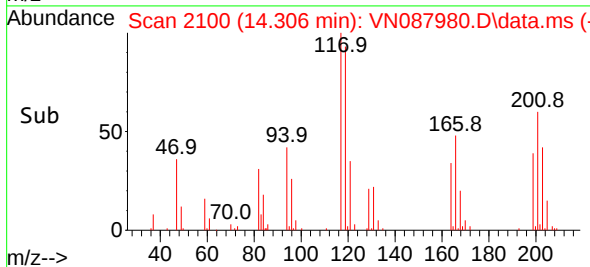
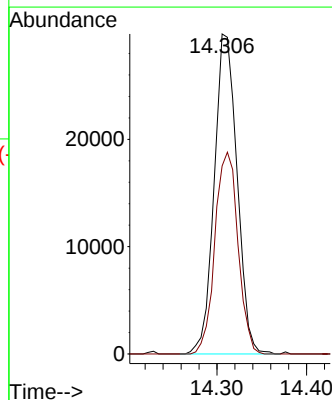
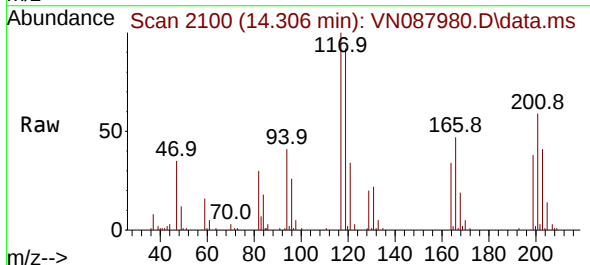
Manual Integrations
APPROVED

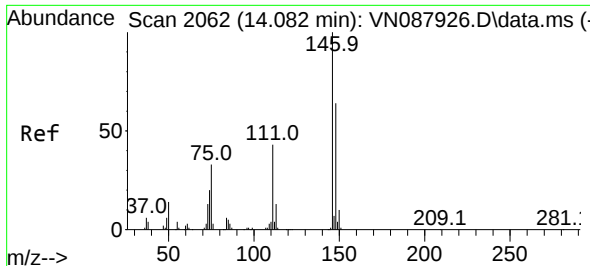
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#90
Hexachloroethane
Concen: 20.508 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

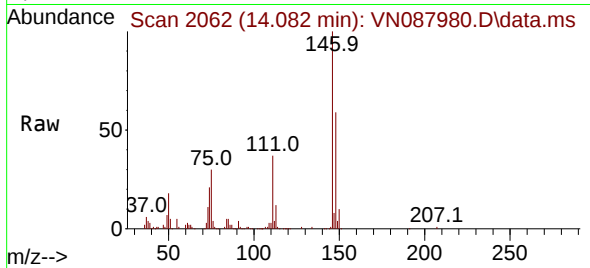
Tgt Ion:117 Resp: 52793
Ion Ratio Lower Upper
117 100
201 63.5 33.6 100.6





#91
1,2-Dichlorobenzene
Concen: 20.362 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

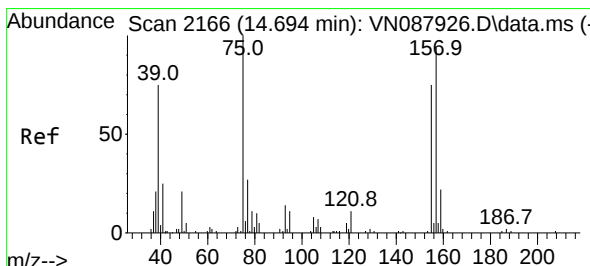
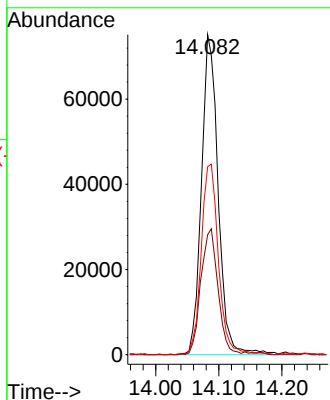
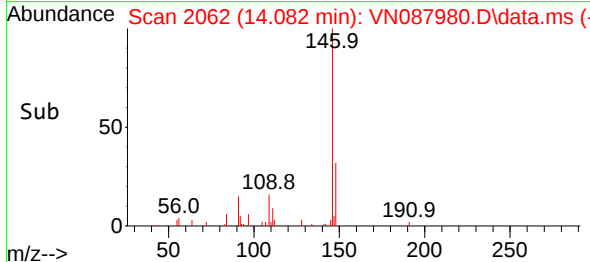
Instrument :
MSVOA_N
ClientSampleId :
VN0929MBS01



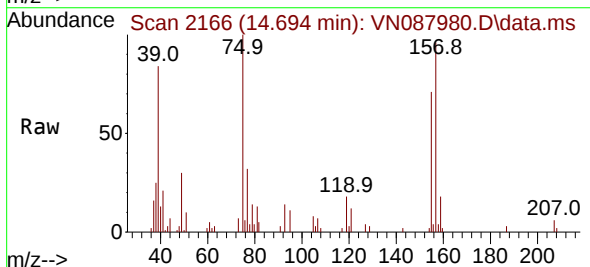
Tgt Ion:146 Resp: 13813
Ion Ratio Lower Upper
146 100
111 40.2 20.9 62.7
148 61.4 31.9 95.9

Manual Integrations
APPROVED

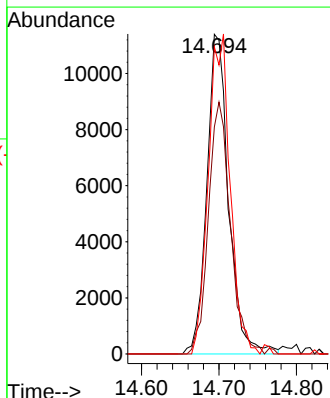
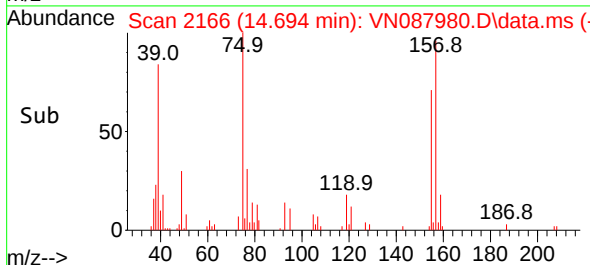
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

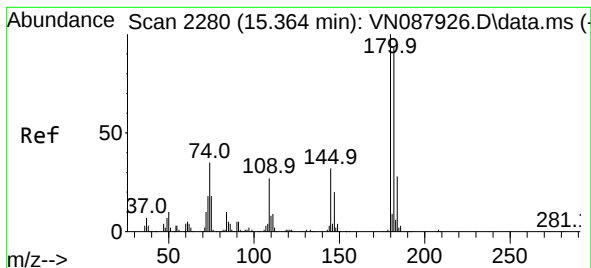


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.689 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25



Tgt Ion: 75 Resp: 22344
Ion Ratio Lower Upper
75 100
155 79.1 40.2 120.6
157 99.9 50.9 152.7





#93

1,2,4-Trichlorobenzene

Concen: 19.120 ug/l

RT: 15.370 min Scan# 2280

Delta R.T. 0.006 min

Lab File: VN087980.D

Acq: 29 Sep 2025 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0929MBS01

Tgt Ion:180 Resp: 7658

Ion Ratio Lower Upper

180 100

182 94.9 48.5 145.5

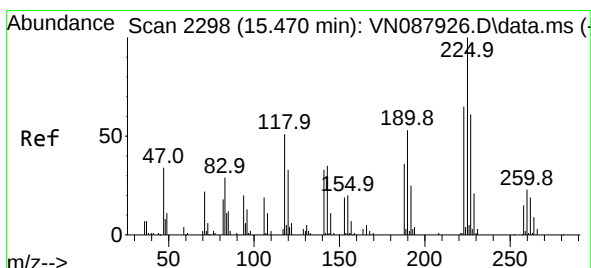
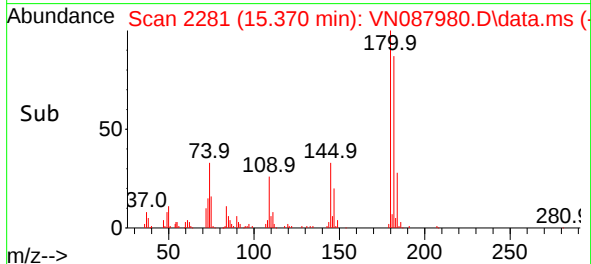
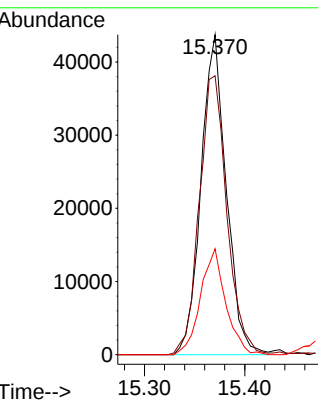
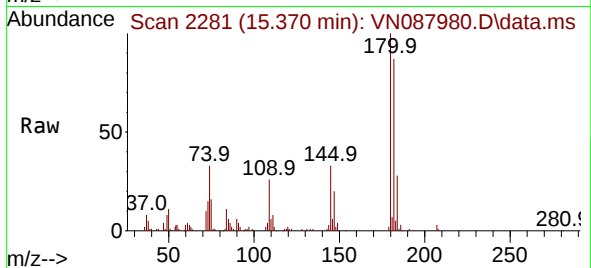
145 33.0 15.9 47.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#94

Hexachlorobutadiene

Concen: 21.724 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.006 min

Lab File: VN087980.D

Acq: 29 Sep 2025 14:25

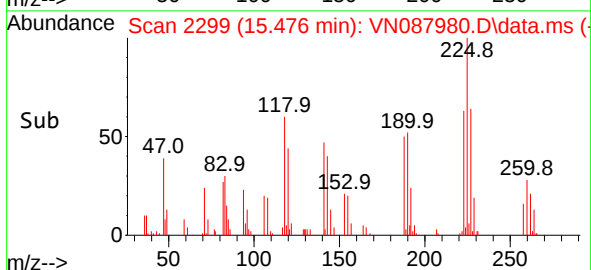
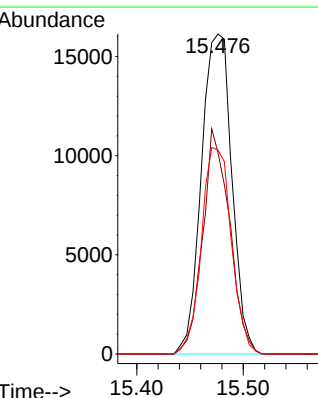
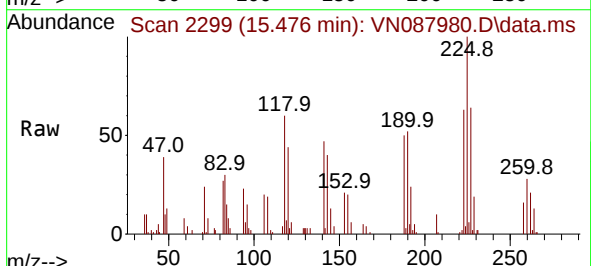
Tgt Ion:225 Resp: 32029

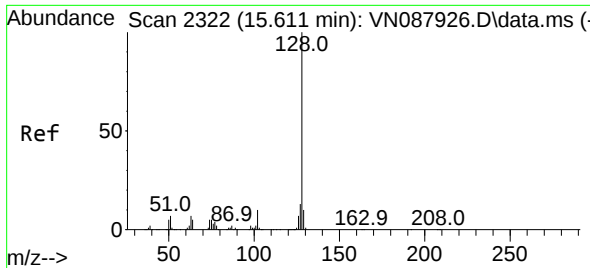
Ion Ratio Lower Upper

225 100

223 62.1 31.8 95.4

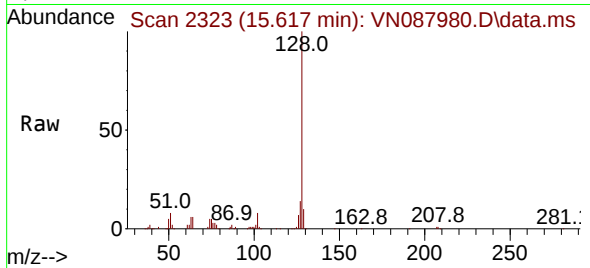
227 63.1 31.9 95.9





#95
Naphthalene
Concen: 19.195 ug/l
RT: 15.617 min Scan# 2322
Delta R.T. 0.006 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

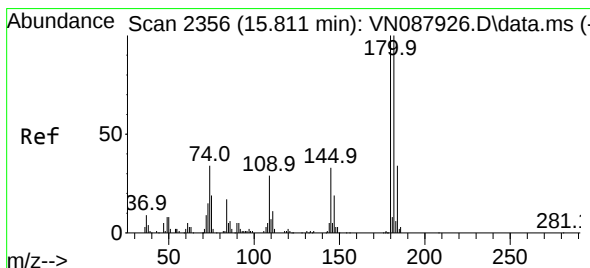
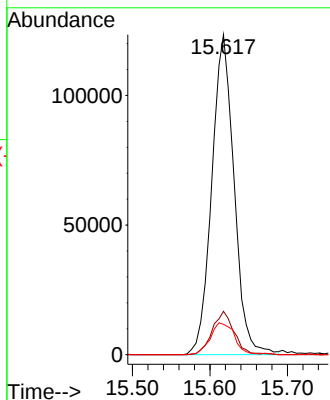
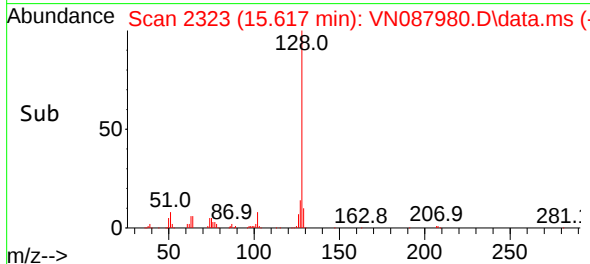
Instrument :
MSVOA_N
ClientSampleId :
VN0929MBS01



Tgt Ion:128 Resp: 246809
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 10.8 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: 19.130 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN087980.D
Acq: 29 Sep 2025 14:25

Tgt Ion:180 Resp: 74496
Ion Ratio Lower Upper
180 100
182 96.7 47.3 142.0
145 35.1 16.1 48.3

