

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
 Data File : VN087528.D
 Acq On : 13 Aug 2025 12:39
 Operator : JC\MD
 Sample : VN0813WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

Quant Time: Aug 14 03:57:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/14/2025
 Supervised By : Mahesh Dadoda 08/18/2025

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

Internal Standards						
1) Pentafluorobenzene	8.212	168	271136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	532074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	483502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	246357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	269348	58.546	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.100%			
35) Dibromofluoromethane	8.153	113	183322	49.948	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.900%			
50) Toluene-d8	10.547	98	668561	51.066	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.140%			
62) 4-Bromofluorobenzene	12.829	95	253521	52.413	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.820%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	67174	23.326	ug/l	90
3) Chloromethane	2.389	50	66776	18.439	ug/l	92
4) Vinyl Chloride	2.542	62	74754	20.771	ug/l	96
5) Bromomethane	2.983	94	40764	21.873	ug/l	96
6) Chloroethane	3.136	64	48629	20.719	ug/l	96
7) Trichlorofluoromethane	3.512	101	111233	20.902	ug/l	99
8) Diethyl Ether	3.965	74	48291	23.393	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	58540	21.429	ug/l	95
10) Methyl Iodide	4.583	142	35025	16.690	ug/l #	80
11) Tert butyl alcohol	5.524	59	97141	111.202	ug/l	99
12) 1,1-Dichloroethene	4.342	96	59582	19.247	ug/l	91
13) Acrolein	4.177	56	67486	96.264	ug/l	95
14) Allyl chloride	5.012	41	114422	20.424	ug/l	93
15) Acrylonitrile	5.712	53	232694	98.163	ug/l	97
16) Acetone	4.424	43	264610	122.670	ug/l	95
17) Carbon Disulfide	4.706	76	166545	18.146	ug/l #	94
18) Methyl Acetate	5.018	43	123131	22.720	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	260864	22.862	ug/l	98
20) Methylene Chloride	5.265	84	74231	19.972	ug/l	95
21) trans-1,2-Dichloroethene	5.771	96	66300	18.994	ug/l	93
22) Diisopropyl ether	6.659	45	255940	21.779	ug/l	94
23) Vinyl Acetate	6.589	43	1200447	116.798	ug/l	100
24) 1,1-Dichloroethane	6.559	63	142998	21.092	ug/l	98
25) 2-Butanone	7.477	43	352074	105.636	ug/l	98
26) 2,2-Dichloropropane	7.483	77	122382	23.217	ug/l	100
27) cis-1,2-Dichloroethene	7.477	96	85349	21.238	ug/l	98
28) Bromochloromethane	7.800	49	86255	26.583	ug/l	94
29) Tetrahydrofuran	7.830	42	226869	104.782	ug/l	98
30) Chloroform	7.953	83	147959	21.803	ug/l	100
31) Cyclohexane	8.247	56	117459	20.768	ug/l	93
32) 1,1,1-Trichloroethane	8.153	97	121717	20.709	ug/l	92
36) 1,1-Dichloropropene	8.353	75	93953	19.376	ug/l	97
37) Ethyl Acetate	7.547	43	140045	19.997	ug/l	99
38) Carbon Tetrachloride	8.347	117	98608	18.460	ug/l	99
39) Methylcyclohexane	9.582	83	104990	19.999	ug/l	95
40) Benzene	8.588	78	300280	19.160	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	72592	19.824	ug/l	97
42) 1,2-Dichloroethane	8.659	62	123364	20.757	ug/l	98
43) Isopropyl Acetate	8.677	43	226277	20.814	ug/l	97
44) Trichloroethene	9.335	130	64984	17.548	ug/l	80
45) 1,2-Dichloropropane	9.606	63	76438	19.195	ug/l	95
46) Dibromomethane	9.694	93	58121	19.494	ug/l	94
47) Bromodichloromethane	9.871	83	118437	19.721	ug/l #	99
48) Methyl methacrylate	9.665	41	101733	20.787	ug/l	93
49) 1,4-Dioxane	9.682	88	30716	409.771	ug/l #	99
51) 4-Methyl-2-Pentanone	10.429	43	682146	99.209	ug/l	98
52) Toluene	10.612	92	184134	19.330	ug/l	95
53) t-1,3-Dichloropropene	10.818	75	126655	20.839	ug/l	97
54) cis-1,3-Dichloropropene	10.294	75	127653	20.333	ug/l #	82
55) 1,1,2-Trichloroethane	11.000	97	75351	19.538	ug/l	93
56) Ethyl methacrylate	10.859	69	124909	20.038	ug/l #	94
57) 1,3-Dichloropropane	11.147	76	133523	20.025	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	357207	112.912	ug/l	100
59) 2-Hexanone	11.182	43	449566	98.549	ug/l	99
60) Dibromochloromethane	11.341	129	83142	18.904	ug/l	98
61) 1,2-Dibromoethane	11.453	107	76462	18.856	ug/l	97
64) Tetrachloroethene	11.088	164	52809	16.970	ug/l	94
65) Chlorobenzene	11.871	112	204381	18.828	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.941	131	70375	19.066	ug/l	100
67) Ethyl Benzene	11.947	91	350836	19.633	ug/l	98
68) m/p-Xylenes	12.053	106	257573	38.492	ug/l	87
69) o-Xylene	12.382	106	126743	19.828	ug/l	92
70) Styrene	12.394	104	217628	20.239	ug/l	95
71) Bromoform	12.559	173	51553	17.288	ug/l #	100
73) Isopropylbenzene	12.676	105	329550	21.254	ug/l	98
74) N-amyl acetate	12.529	43	117589m	18.253	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	118693	20.344	ug/l	99
76) 1,2,3-Trichloropropane	12.976	75	104369m	18.893	ug/l	
77) Bromobenzene	12.965	156	79368	19.737	ug/l	94
78) n-propylbenzene	13.018	91	406345	20.830	ug/l	97
79) 2-Chlorotoluene	13.106	91	249430	20.804	ug/l	95
80) 1,3,5-Trimethylbenzene	13.153	105	279232	21.137	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	35665	17.665	ug/l	91
82) 4-Chlorotoluene	13.206	91	259571	20.795	ug/l	96
83) tert-Butylbenzene	13.418	119	235302	21.326	ug/l	97
84) 1,2,4-Trimethylbenzene	13.465	105	293504	21.755	ug/l	95
85) sec-Butylbenzene	13.594	105	350703	21.102	ug/l	98
86) p-Isopropyltoluene	13.712	119	289012	21.699	ug/l	97
87) 1,3-Dichlorobenzene	13.717	146	150068	19.015	ug/l	99
88) 1,4-Dichlorobenzene	13.794	146	158514	18.806	ug/l	98
89) n-Butylbenzene	14.035	91	289625	22.773	ug/l	99
90) Hexachloroethane	14.312	117	54681	19.377	ug/l	94
91) 1,2-Dichlorobenzene	14.088	146	146430	19.585	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	28461	18.580	ug/l	92
93) 1,2,4-Trichlorobenzene	15.370	180	88514	20.154	ug/l	98
94) Hexachlorobutadiene	15.476	225	32512	19.923	ug/l	99
95) Naphthalene	15.611	128	315158	20.256	ug/l	99
96) 1,2,3-Trichlorobenzene	15.817	180	83466	18.946	ug/l	96

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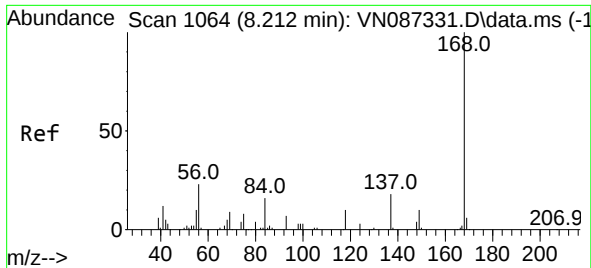
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 08/18/2025

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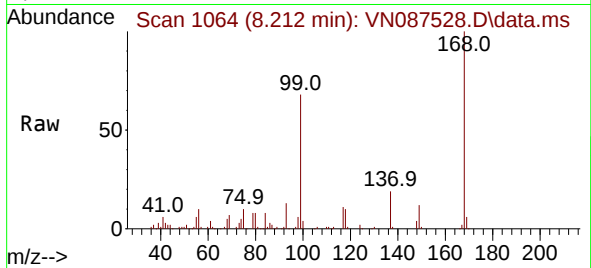
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VN087528.D
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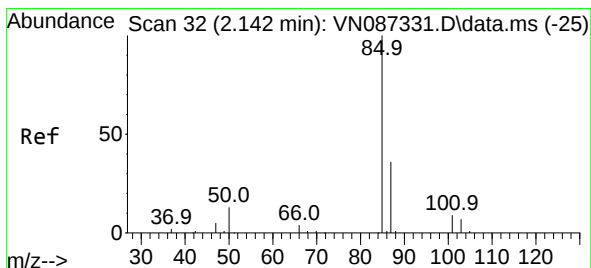
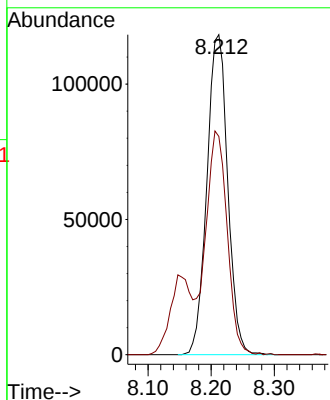
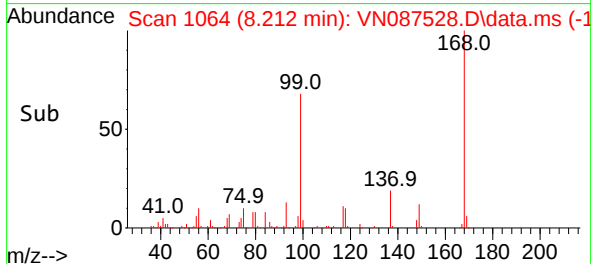
Instrument :
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VN0813WBS01



Tgt Ion:168 Resp: 271130
Ion Ratio Lower Upper
168 100
99 68.2 47.9 71.9

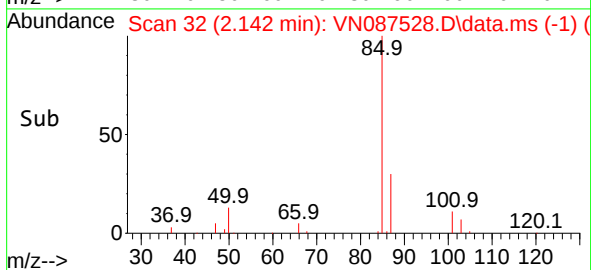
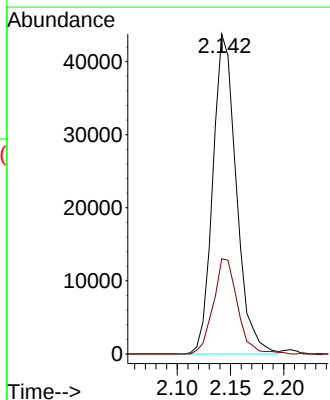
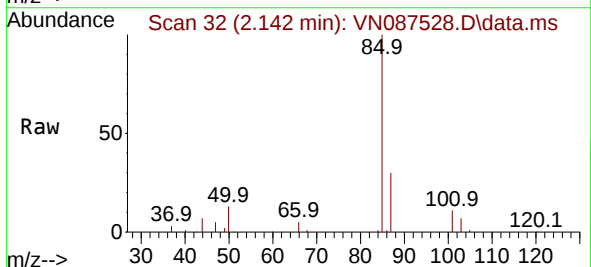
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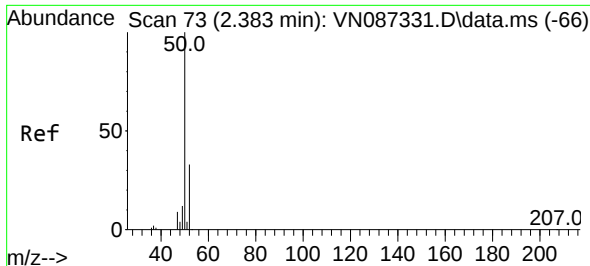
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#2
Dichlorodifluoromethane
Concen: 23.326 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

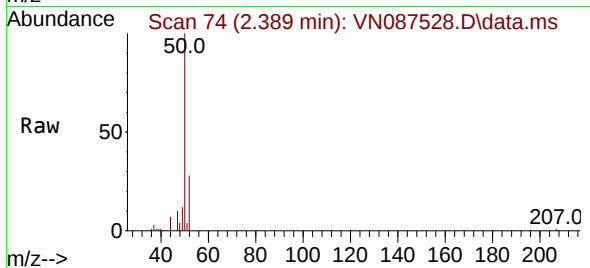
Tgt Ion: 85 Resp: 67174
Ion Ratio Lower Upper
85 100
87 29.7 17.8 53.3





#3
Chloromethane
Concen: 18.439 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

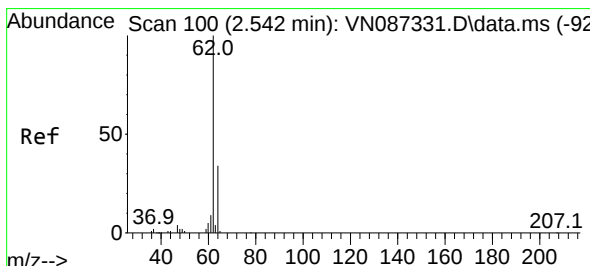
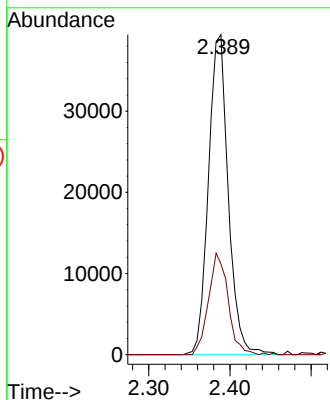
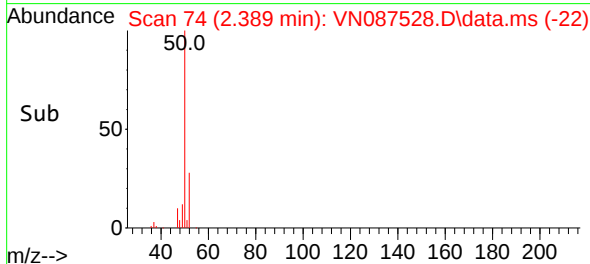
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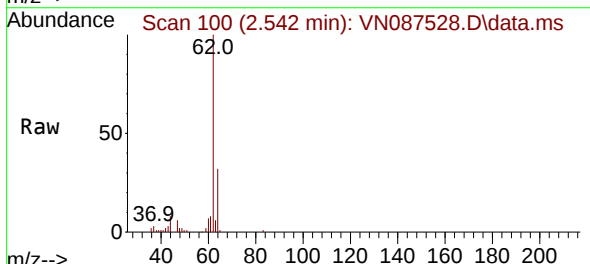
Tgt Ion: 50 Resp: 66770
Ion Ratio Lower Upper
50 100
52 28.4 26.3 39.5

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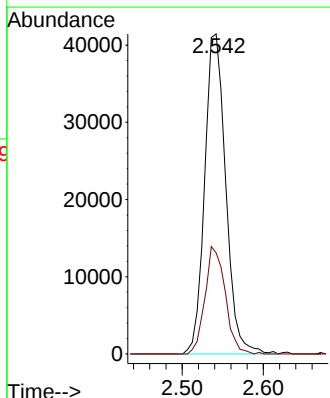
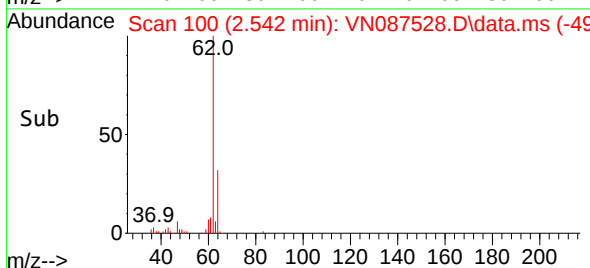
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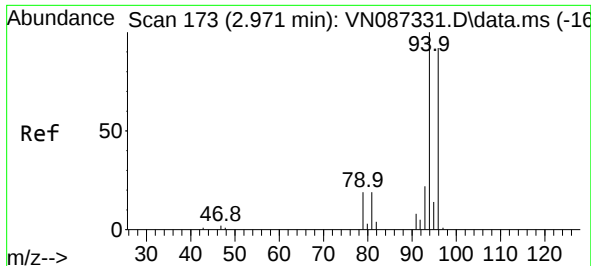


#4
Vinyl Chloride
Concen: 20.771 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39



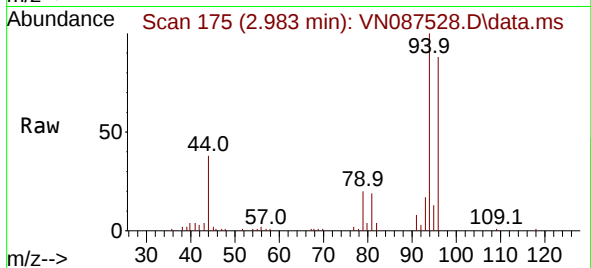
Tgt Ion: 62 Resp: 74754
Ion Ratio Lower Upper
62 100
64 31.6 27.0 40.6





#5
Bromomethane
Concen: 21.873 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

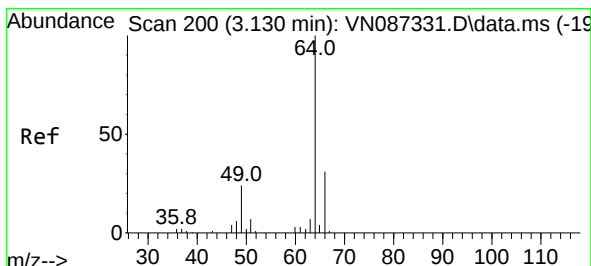
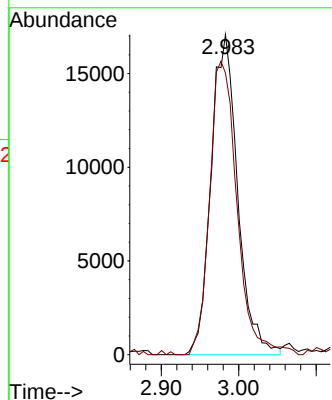
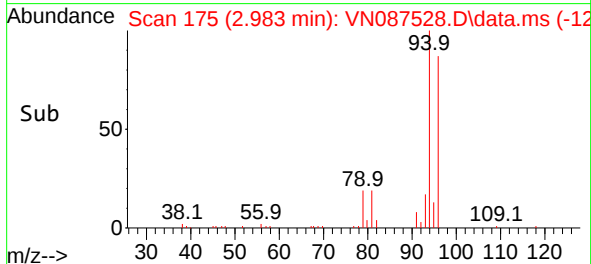
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Tgt Ion: 94 Resp: 40764
Ion Ratio Lower Upper
94 100
96 88.0 73.4 110.2

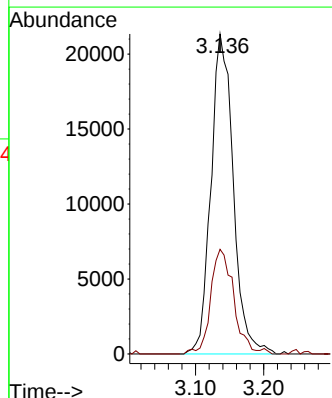
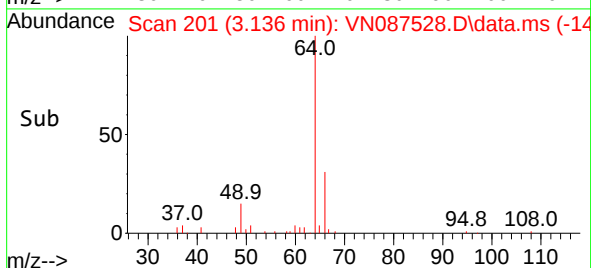
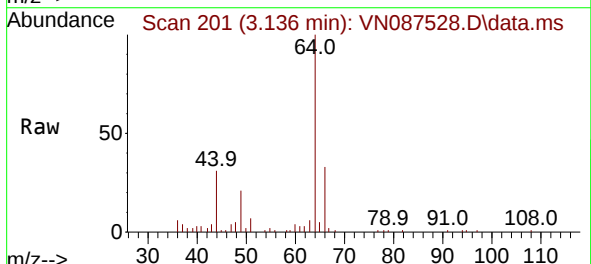
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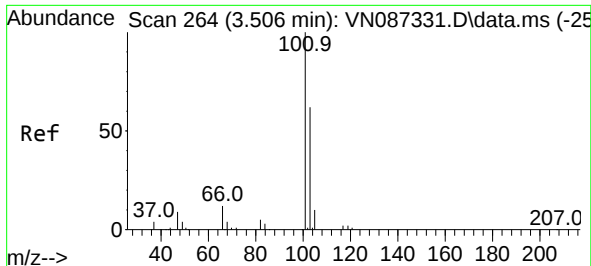
Reviewed By :John Carlone 08/14/2025
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#6
Chloroethane
Concen: 20.719 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.006 min
Lab File: VN087528.D
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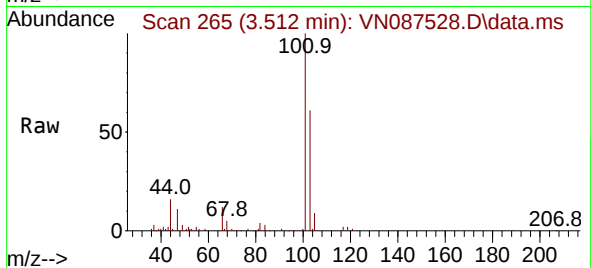
Tgt Ion: 64 Resp: 48629
Ion Ratio Lower Upper
64 100
66 32.7 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 20.902 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN087528.D
 Acq: 13 Aug 2025 12:39

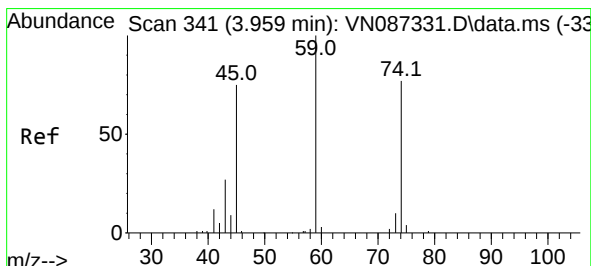
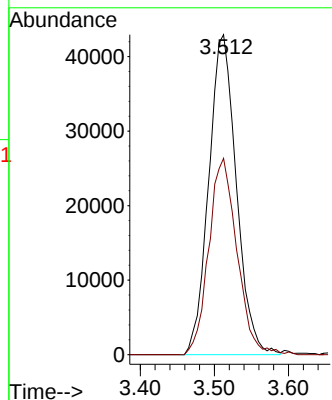
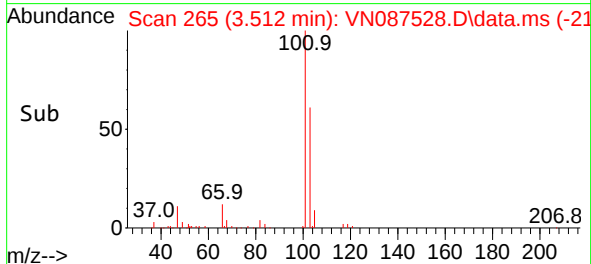
Instrument :
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Tgt Ion:101 Resp: 11123
 Ion Ratio Lower Upper
 101 100
 103 61.4 49.8 74.6

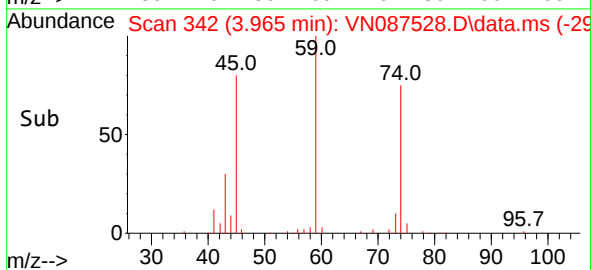
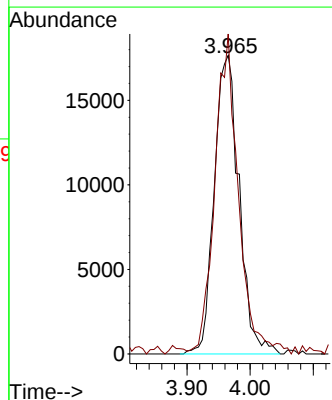
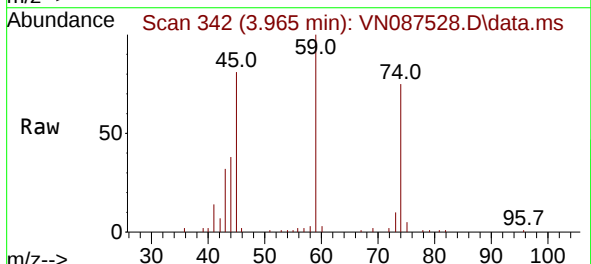
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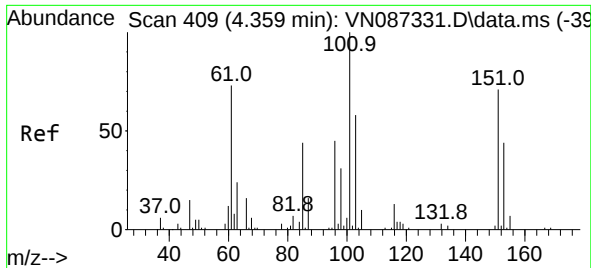
Reviewed By :John Carlone 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025



#8
 Diethyl Ether
 Concen: 23.393 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN087528.D
 Acq: 13 Aug 2025 12:39

Tgt Ion: 74 Resp: 48291
 Ion Ratio Lower Upper
 74 100
 45 101.8 50.8 152.5





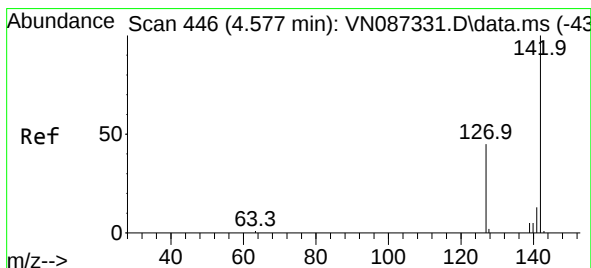
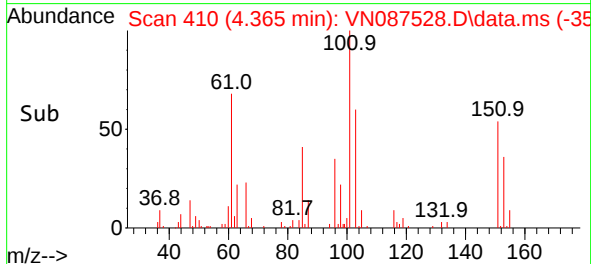
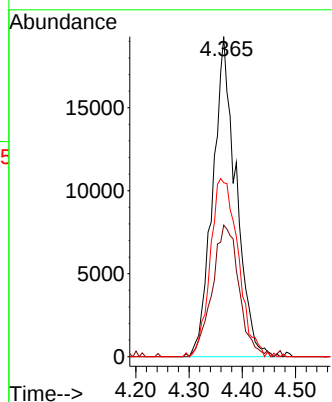
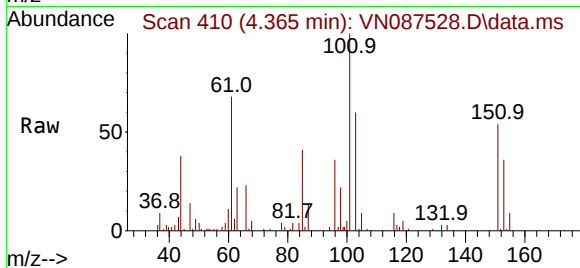
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.429 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Tgt Ion:101 Resp: 58540
Ion Ratio Lower Upper
101 100
85 47.1 37.3 55.9
151 66.5 58.9 88.3

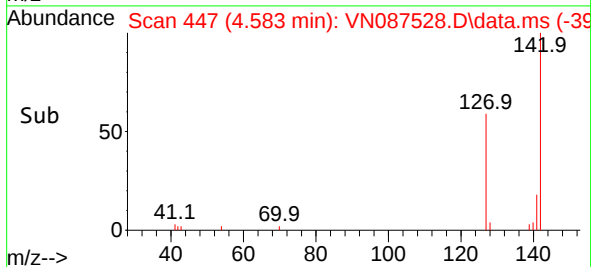
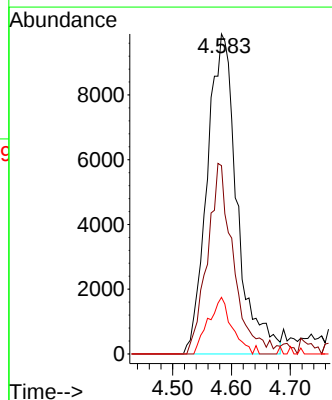
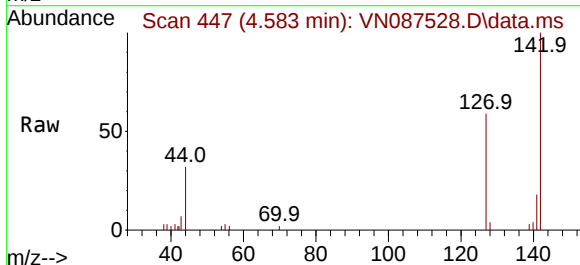
Manual Integrations
APPROVED

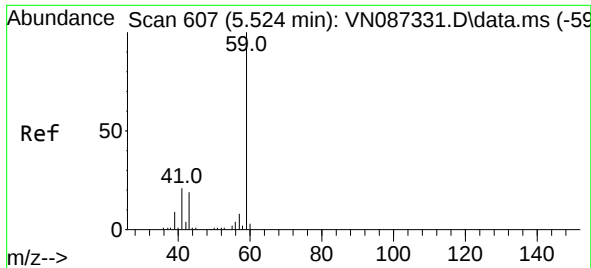
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#10
Methyl Iodide
Concen: 16.690 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

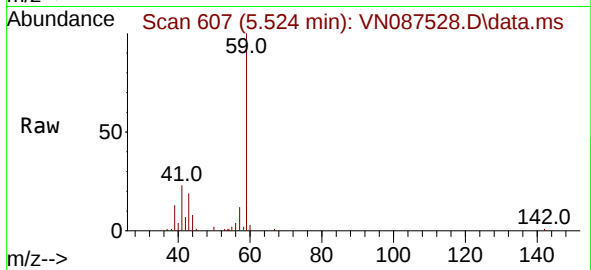
Tgt Ion:142 Resp: 35025
Ion Ratio Lower Upper
142 100
127 58.9 35.7 53.5#
141 17.7 10.4 15.6#





#11
Tert butyl alcohol
Concen: 111.202 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

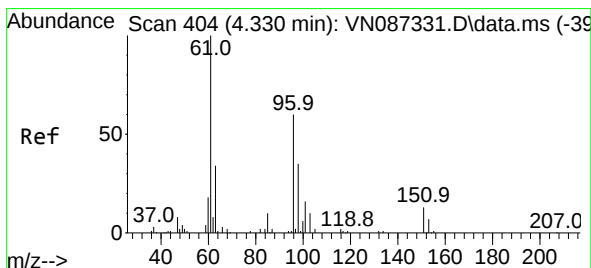
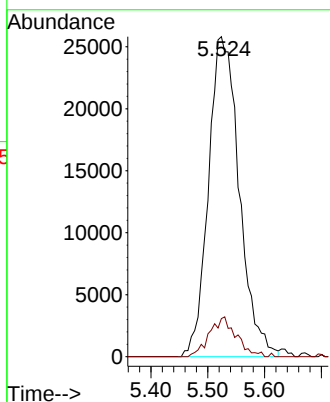
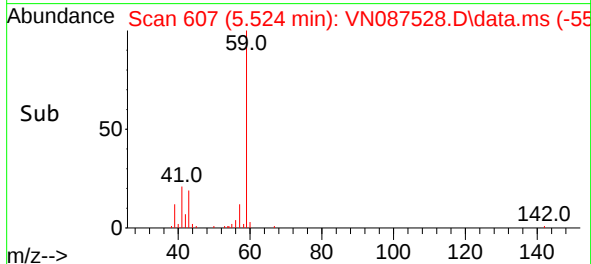
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01



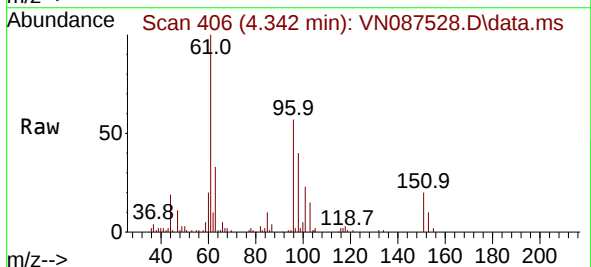
Tgt Ion: 59 Resp: 9714
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5

Manual Integrations
APPROVED

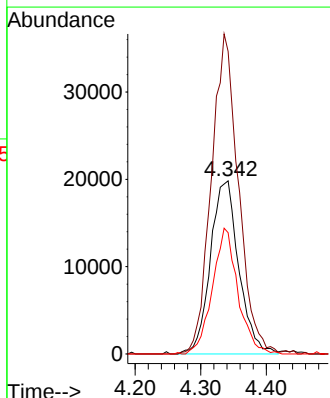
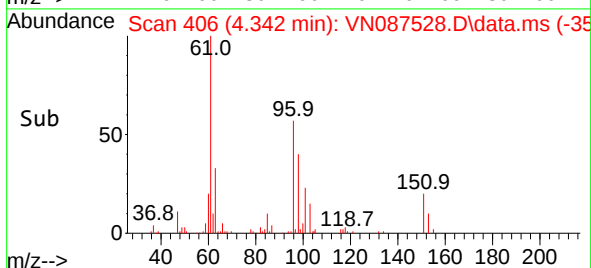
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

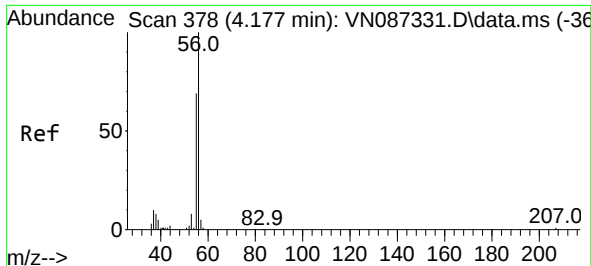


#12
1,1-Dichloroethene
Concen: 19.247 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39



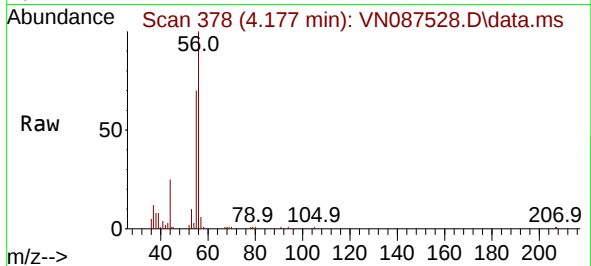
Tgt Ion: 96 Resp: 59582
Ion Ratio Lower Upper
96 100
61 174.8 132.3 198.5
98 69.3 46.8 70.2





#13
Acrolein
Concen: 96.264 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

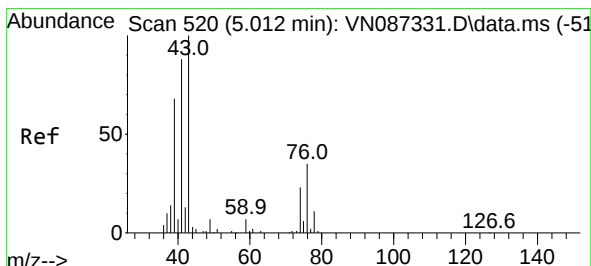
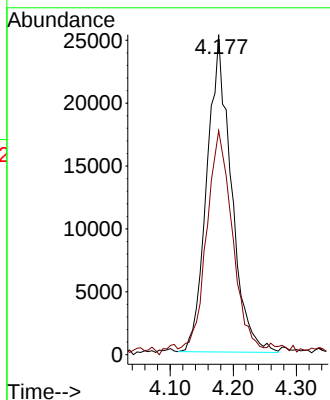
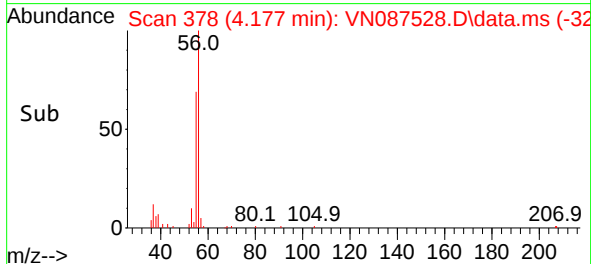
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01



Tgt Ion: 56 Resp: 67480
Ion Ratio Lower Upper
56 100
55 74.6 56.2 84.4

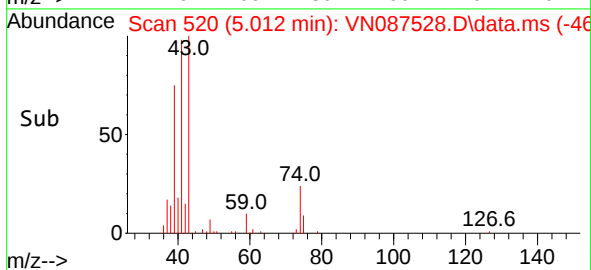
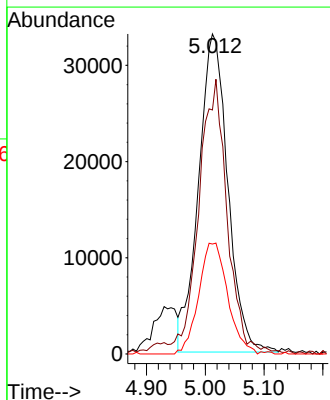
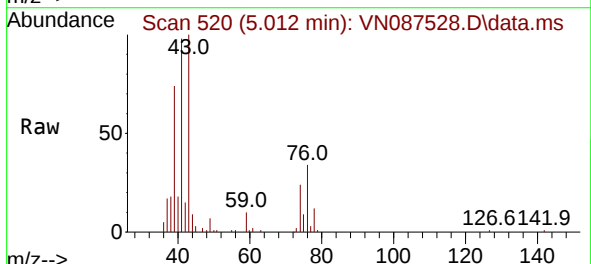
Manual Integrations
APPROVED

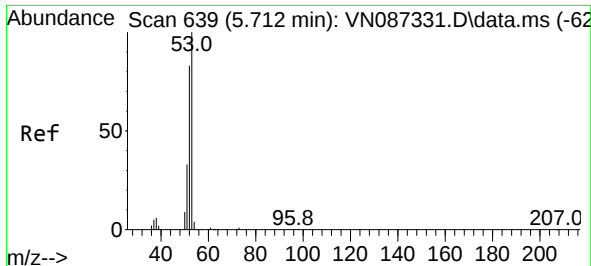
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#14
Allyl chloride
Concen: 20.424 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

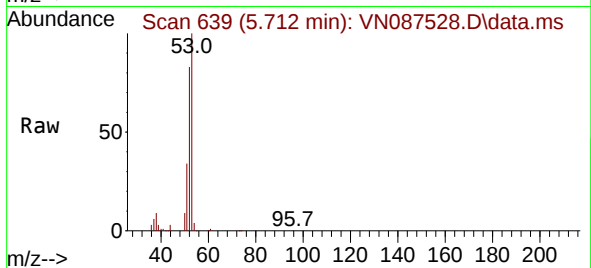
Tgt Ion: 41 Resp: 114422
Ion Ratio Lower Upper
41 100
39 82.2 59.0 88.6
76 34.5 28.7 43.1





#15
Acrylonitrile
Concen: 98.163 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

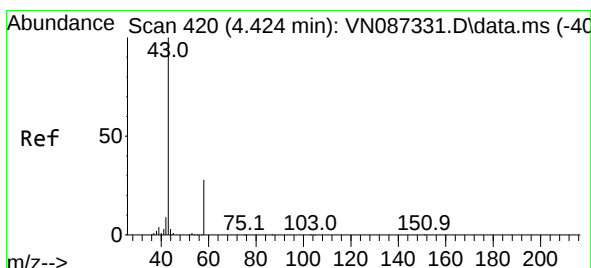
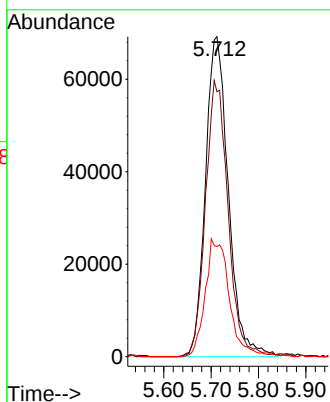
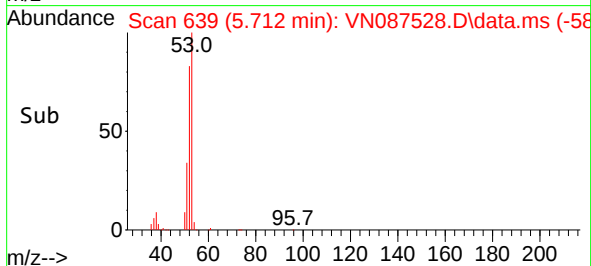
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01



Tgt Ion: 53 Resp: 232694
Ion Ratio Lower Upper
53 100
52 84.9 65.5 98.3
51 38.2 28.7 43.1

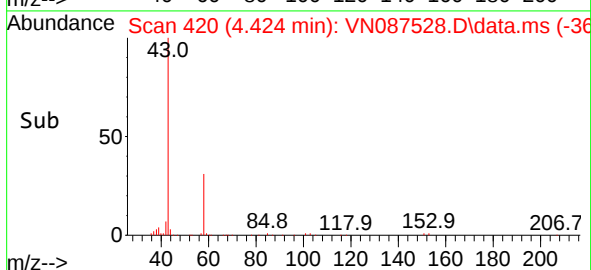
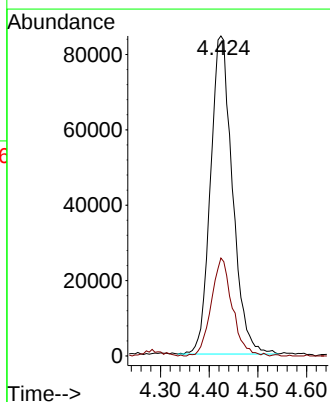
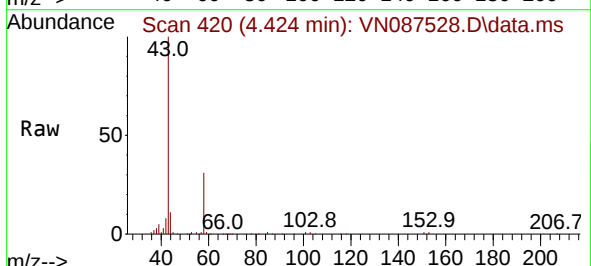
Manual Integrations
APPROVED

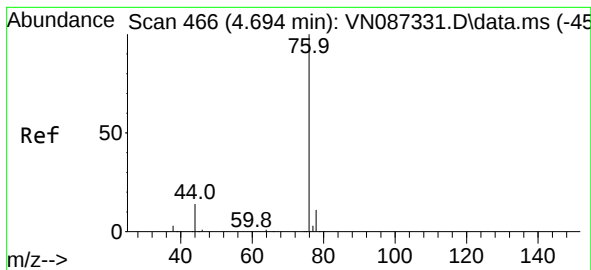
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#16
Acetone
Concen: 122.670 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 43 Resp: 264610
Ion Ratio Lower Upper
43 100
58 30.8 22.3 33.5





#17

Carbon Disulfide

Concen: 18.146 ug/l

RT: 4.706 min Scan# 466

Delta R.T. 0.012 min

Lab File: VN087528.D

Acq: 13 Aug 2025 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

Tgt Ion: 76 Resp: 16654

Ion Ratio Lower Upper

76 100

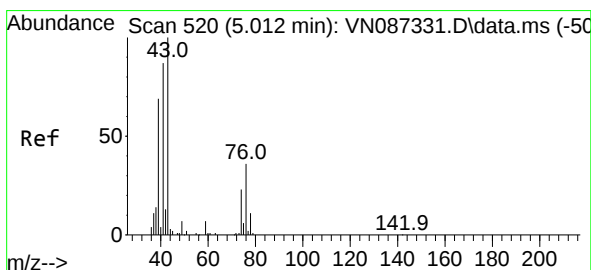
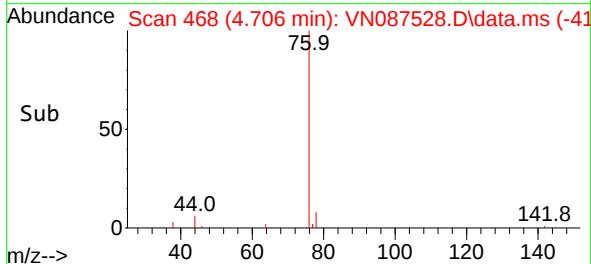
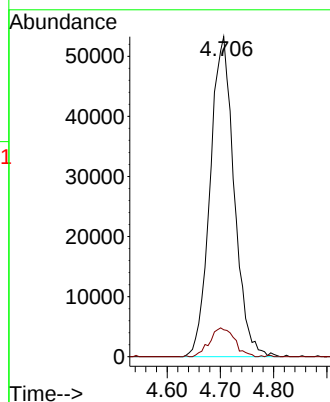
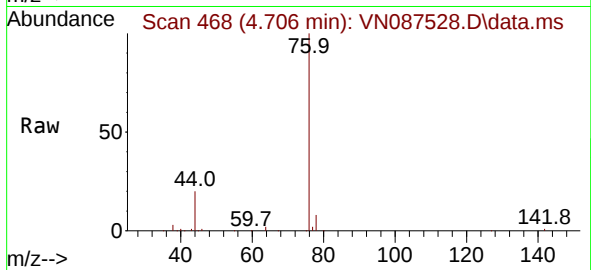
78 8.4 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#18

Methyl Acetate

Concen: 22.720 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.006 min

Lab File: VN087528.D

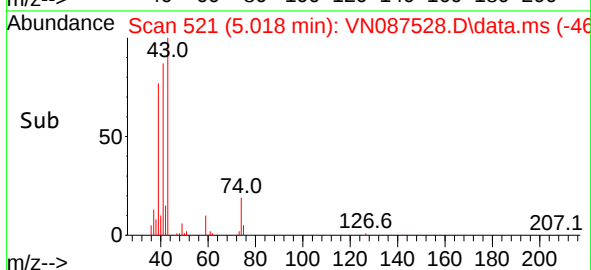
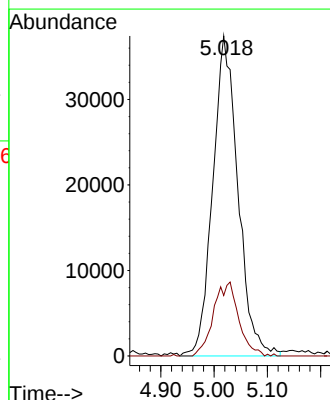
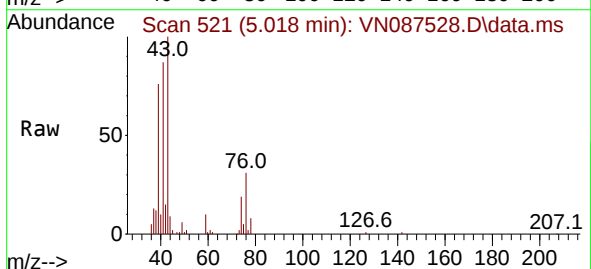
Acq: 13 Aug 2025 12:39

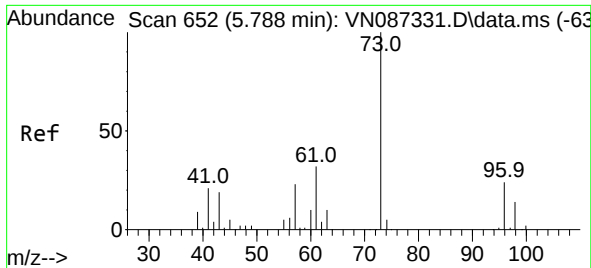
Tgt Ion: 43 Resp: 123131

Ion Ratio Lower Upper

43 100

74 23.1 17.8 26.6





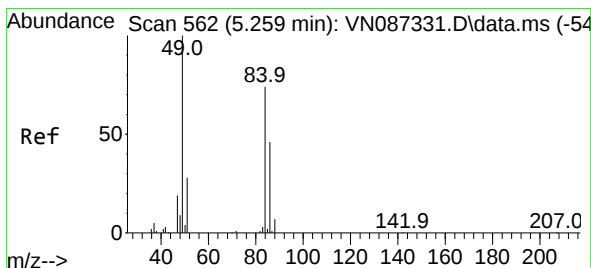
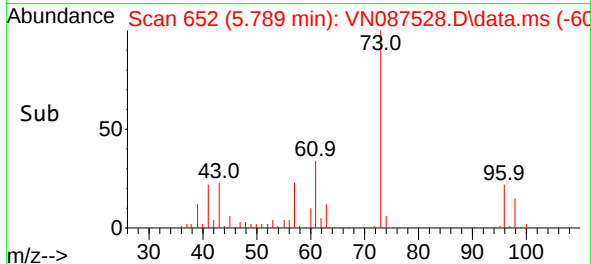
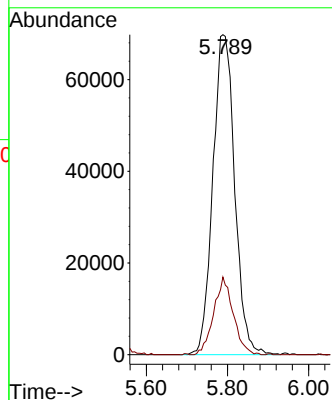
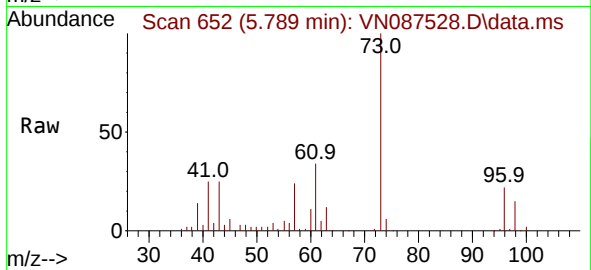
#19
Methyl tert-butyl Ether
Concen: 22.862 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Tgt Ion: 73 Resp: 260864
Ion Ratio Lower Upper
73 100
57 24.3 18.6 27.8

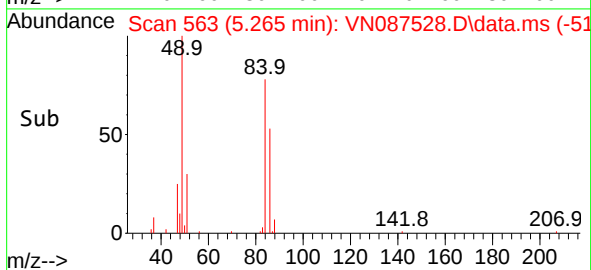
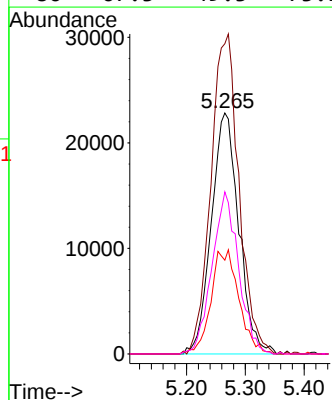
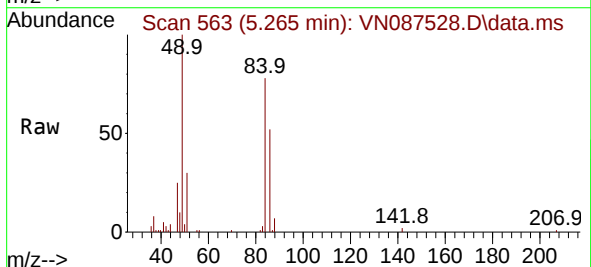
Manual Integrations
APPROVED

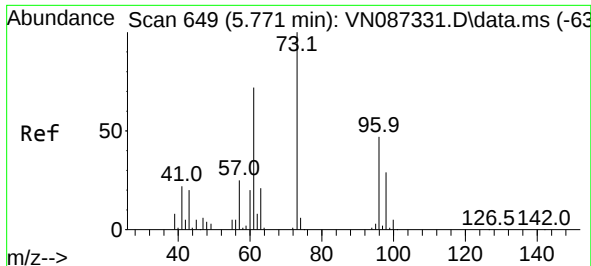
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#20
Methylene Chloride
Concen: 19.972 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 84 Resp: 74231
Ion Ratio Lower Upper
84 100
49 128.8 107.5 161.3
51 38.9 30.2 45.2
86 67.3 49.3 73.9





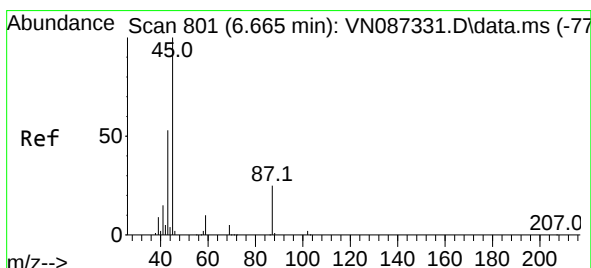
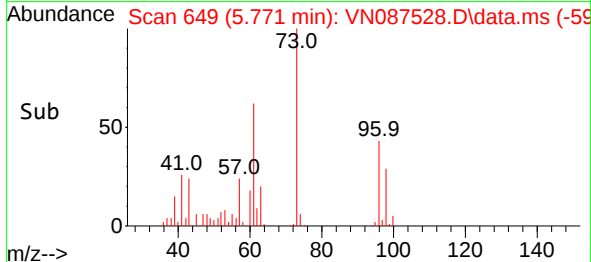
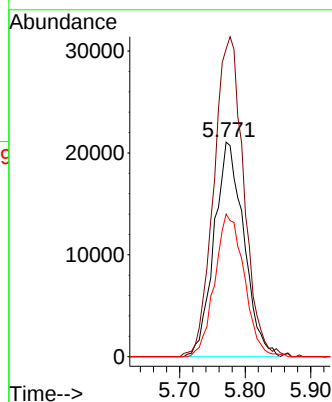
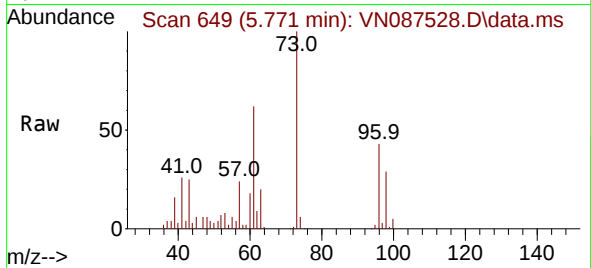
#21
trans-1,2-Dichloroethene
Concen: 18.994 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Instrument :
MSVOA_N
Client Sample Id :
VN0813WBS01

Tgt Ion: 96 Resp: 66300
Ion Ratio Lower Upper
96 100
61 143.4 122.0 183.0
98 66.4 50.0 75.0

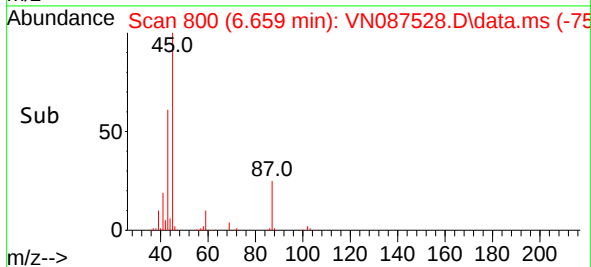
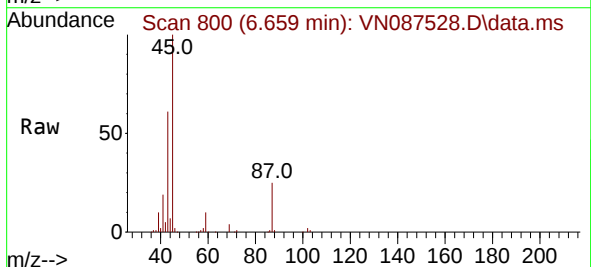
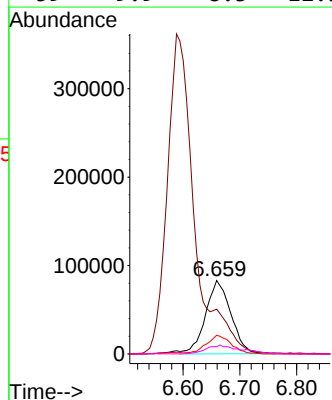
Manual Integrations
APPROVED

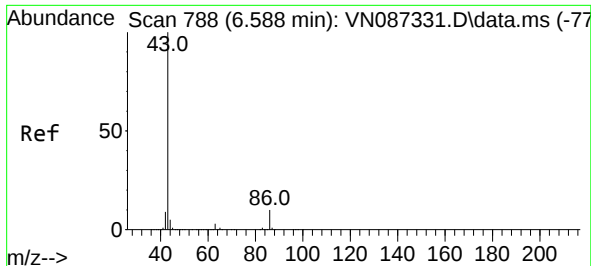
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#22
Diisopropyl ether
Concen: 21.779 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

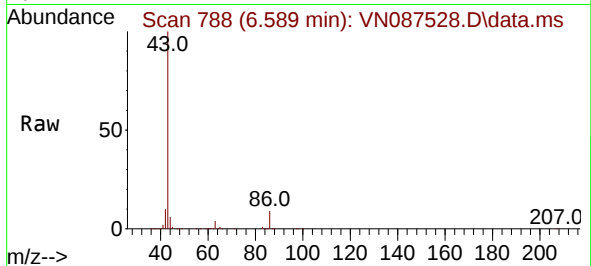
Tgt Ion: 45 Resp: 255940
Ion Ratio Lower Upper
45 100
43 59.8 42.8 64.2
87 25.3 19.8 29.6
59 9.9 8.3 12.5





#23
 Vinyl Acetate
 Concen: 116.798 ug/l
 RT: 6.589 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VN087528.D
 Acq: 13 Aug 2025 12:39

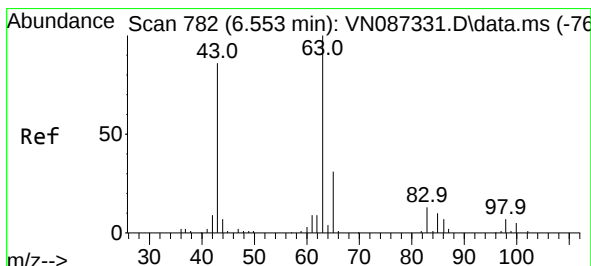
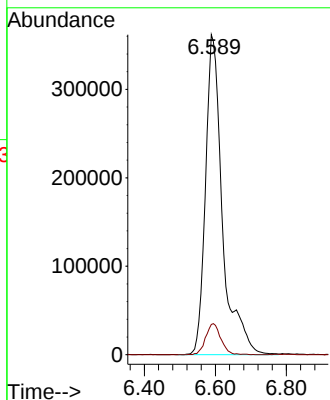
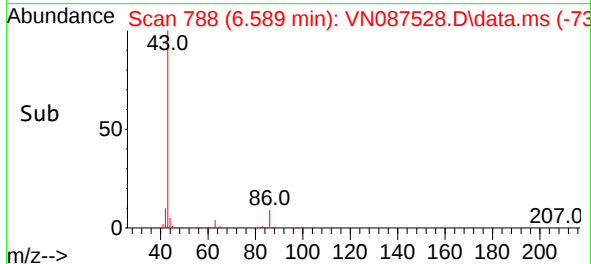
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01



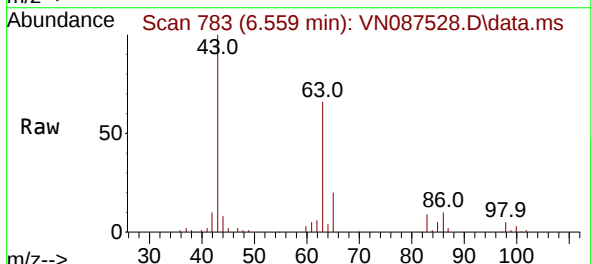
Tgt Ion: 43 Resp: 120044
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.7 11.5

Manual Integrations
 APPROVED

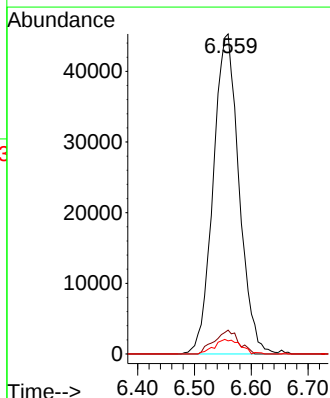
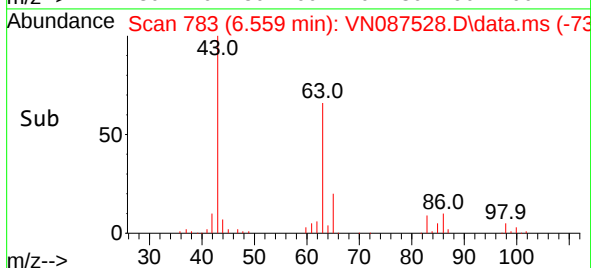
Reviewed By :John Carlone 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025

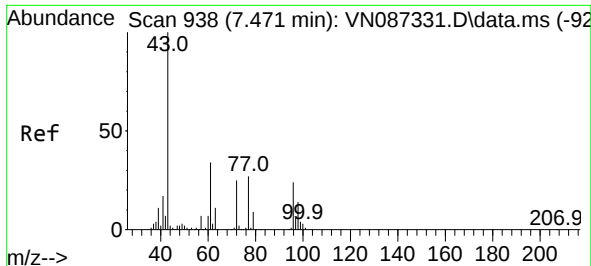


#24
 1,1-Dichloroethane
 Concen: 21.092 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.006 min
 Lab File: VN087528.D
 Acq: 13 Aug 2025 12:39



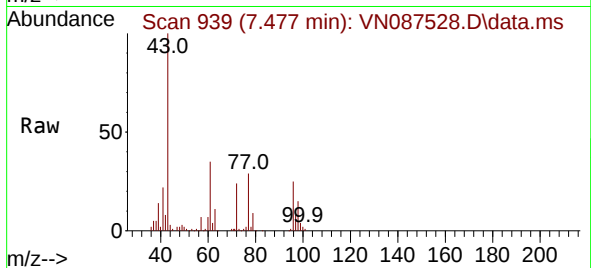
Tgt Ion: 63 Resp: 142998
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.9
 100 4.1 2.5 7.4





#25
2-Butanone
Concen: 105.636 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

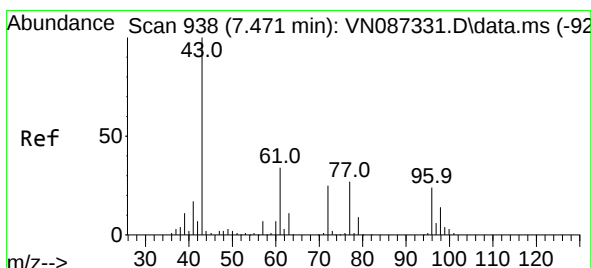
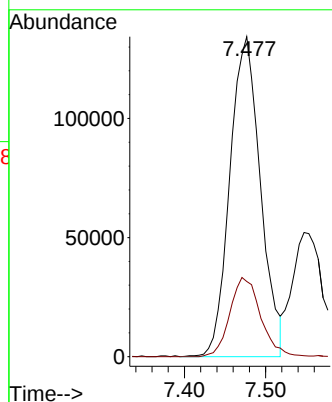
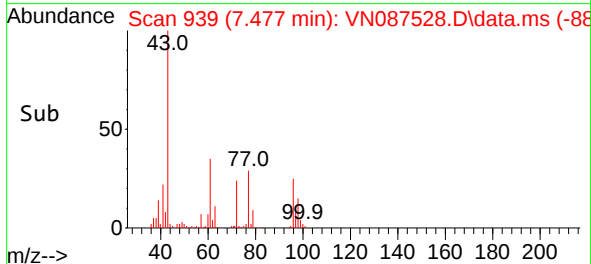
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01



Tgt Ion: 43 Resp: 352074
Ion Ratio Lower Upper
43 100
72 23.5 19.6 29.4

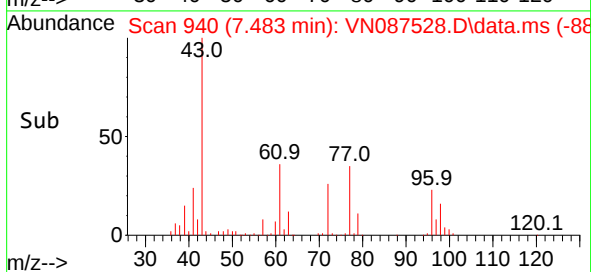
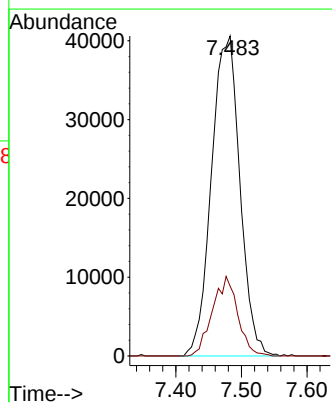
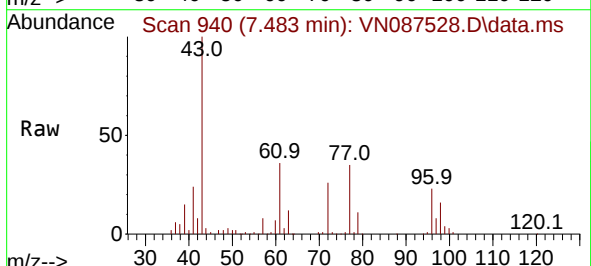
Manual Integrations
APPROVED

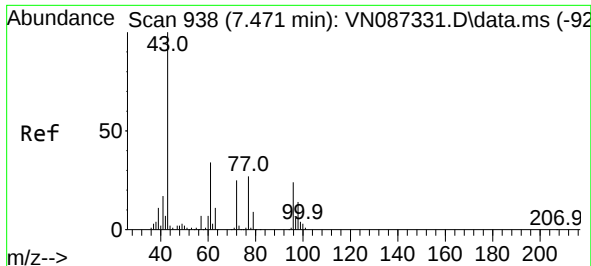
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#26
2,2-Dichloropropane
Concen: 23.217 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

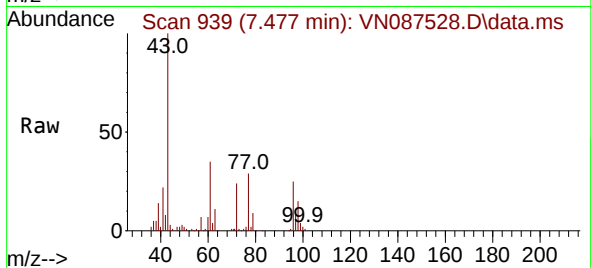
Tgt Ion: 77 Resp: 122382
Ion Ratio Lower Upper
77 100
97 22.1 11.1 33.1





#27
 cis-1,2-Dichloroethene
 Concen: 21.238 ug/l
 RT: 7.477 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087528.D
 Acq: 13 Aug 2025 12:39

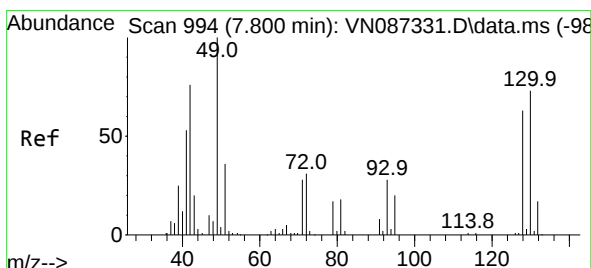
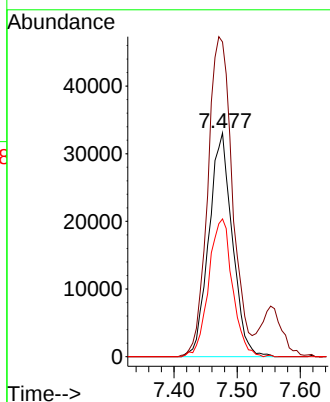
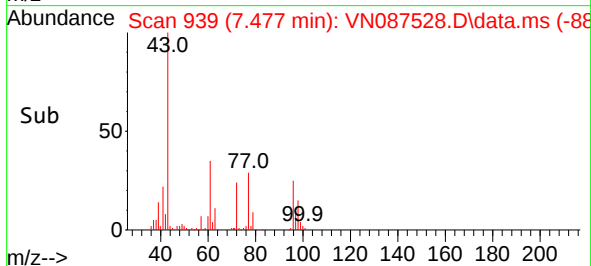
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01



Tgt Ion: 96 Resp: 85349
 Ion Ratio Lower Upper
 96 100
 61 150.7 0.0 297.8
 98 62.4 0.0 132.4

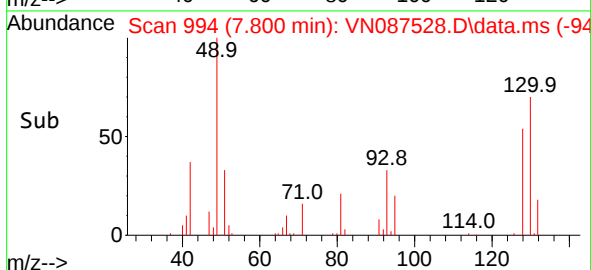
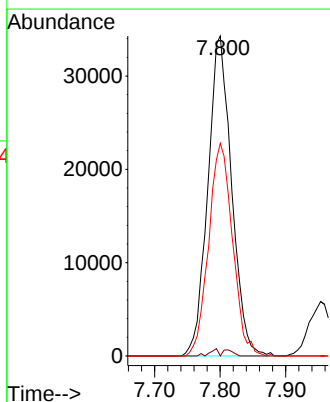
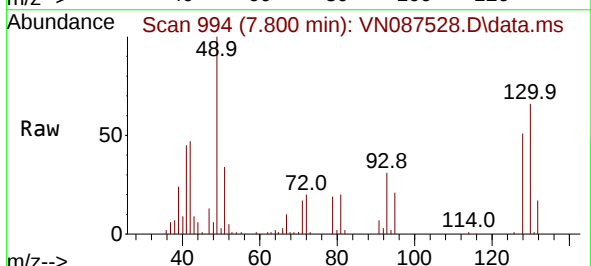
Manual Integrations
 APPROVED

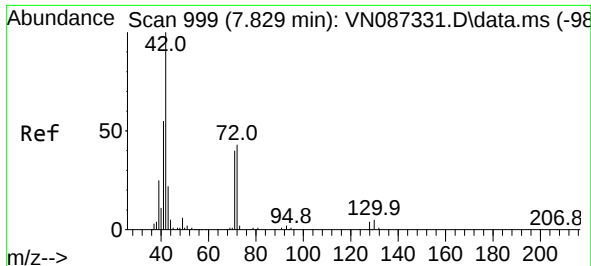
Reviewed By :John Carlone 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025



#28
 Bromochloromethane
 Concen: 26.583 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.000 min
 Lab File: VN087528.D
 Acq: 13 Aug 2025 12:39

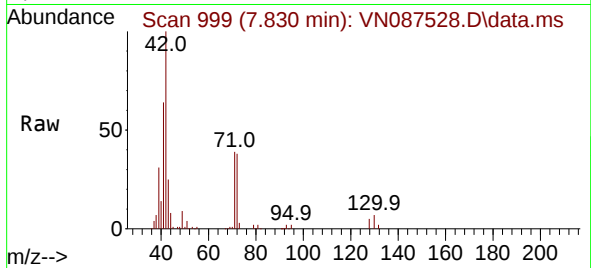
Tgt Ion: 49 Resp: 86255
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 4.2
 130 66.8 57.3 85.9





#29
Tetrahydrofuran
Concen: 104.782 ug/l
RT: 7.830 min Scan# 999
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

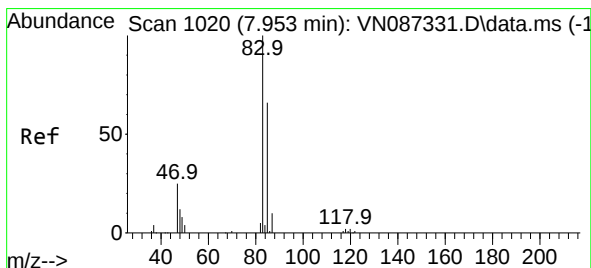
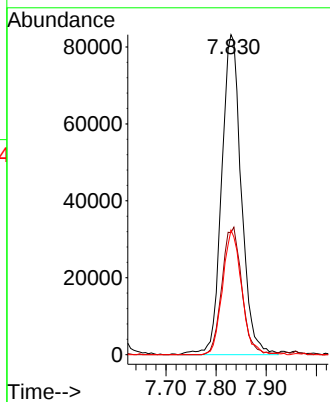
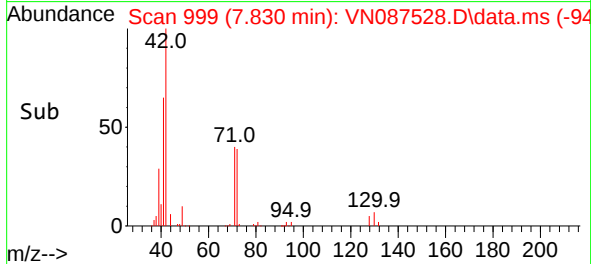
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01



Tgt Ion: 42 Resp: 226869
Ion Ratio Lower Upper
42 100
72 40.0 33.4 50.0
71 37.9 31.2 46.8

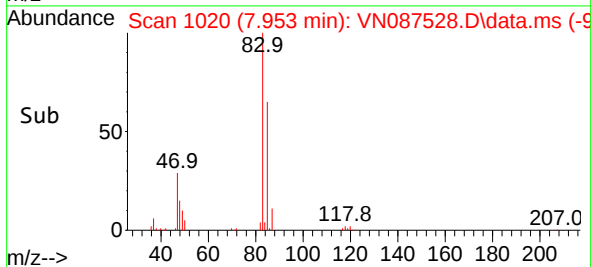
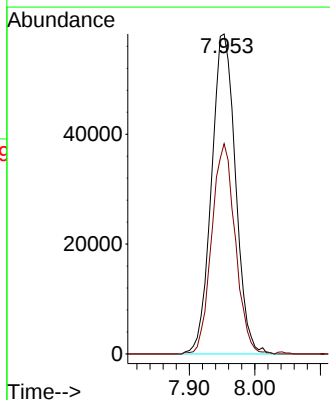
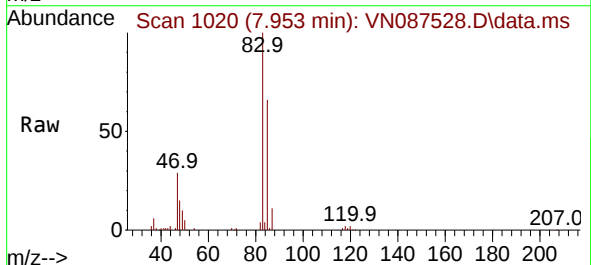
Manual Integrations
APPROVED

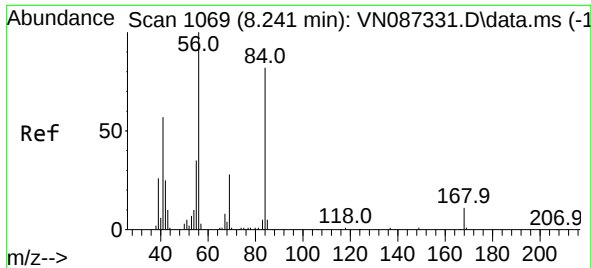
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#30
Chloroform
Concen: 21.803 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

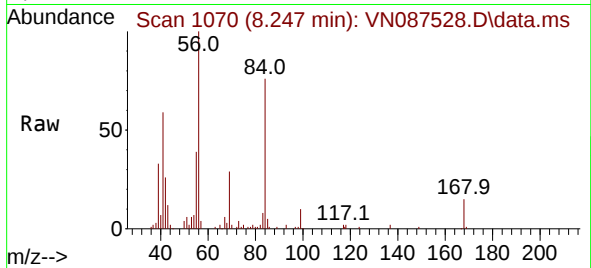
Tgt Ion: 83 Resp: 147959
Ion Ratio Lower Upper
83 100
85 65.7 52.7 79.1





#31
Cyclohexane
Concen: 20.768 ug/l
RT: 8.247 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

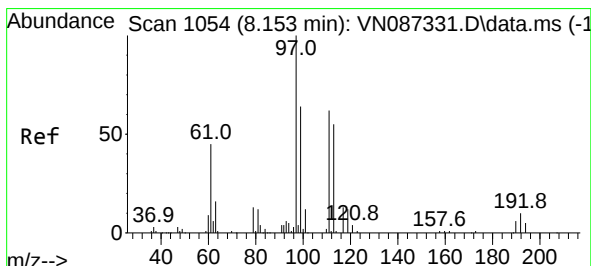
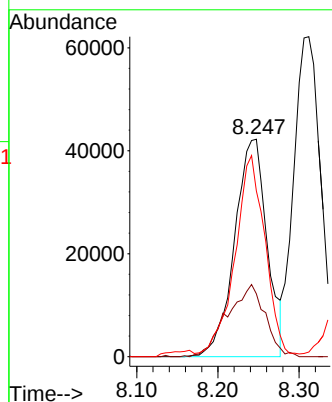
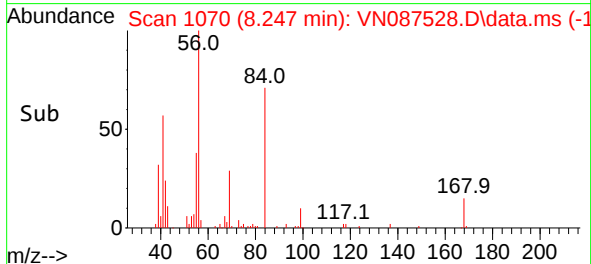
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01



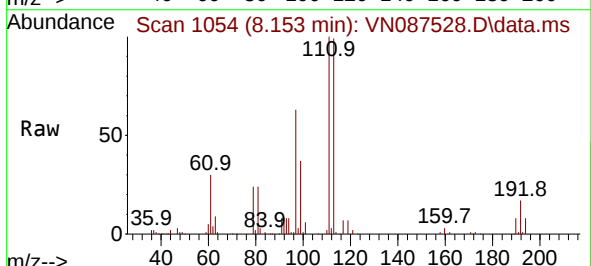
Tgt Ion: 56 Resp: 117459
Ion Ratio Lower Upper
56 100
69 29.0 22.7 34.1
84 74.0 65.8 98.6

Manual Integrations
APPROVED

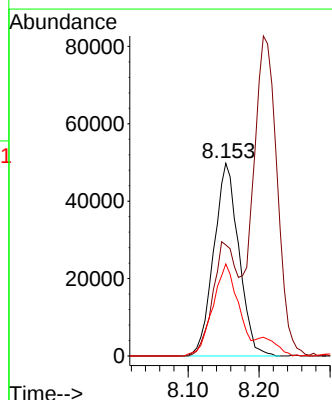
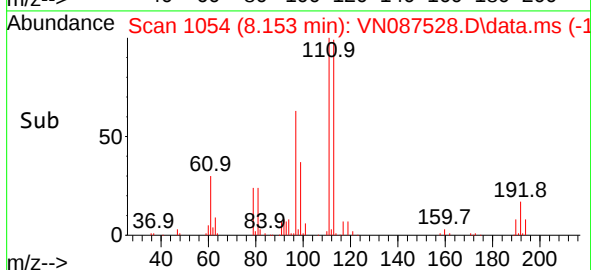
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

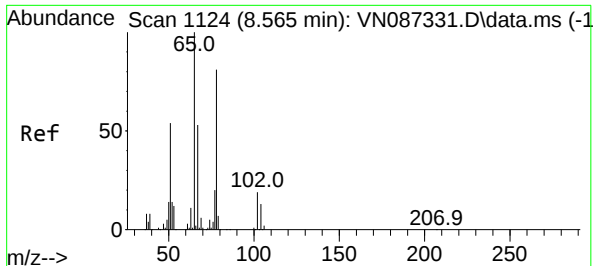


#32
1,1,1-Trichloroethane
Concen: 20.709 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39



Tgt Ion: 97 Resp: 121717
Ion Ratio Lower Upper
97 100
99 55.0 51.8 77.8
61 49.9 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 58.546 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087528.D

Acq: 13 Aug 2025 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

Tgt Ion: 65 Resp: 269348

Ion Ratio Lower Upper

65 100

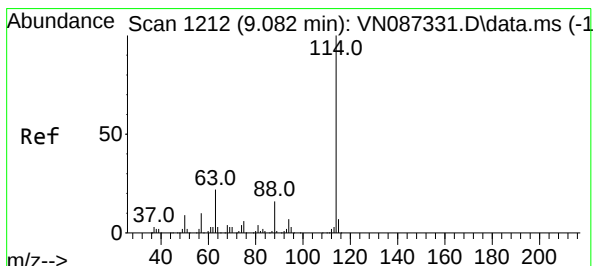
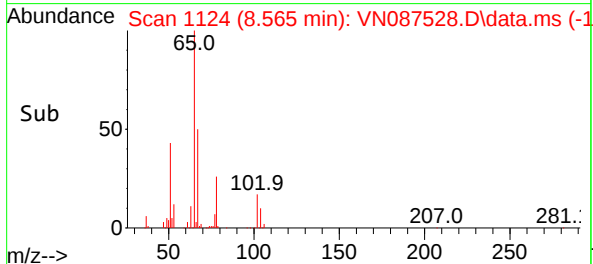
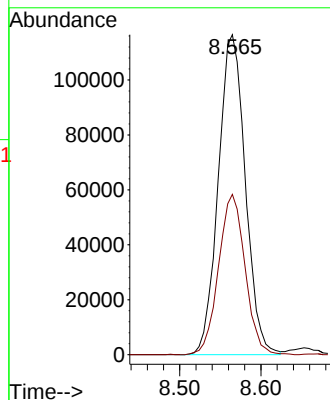
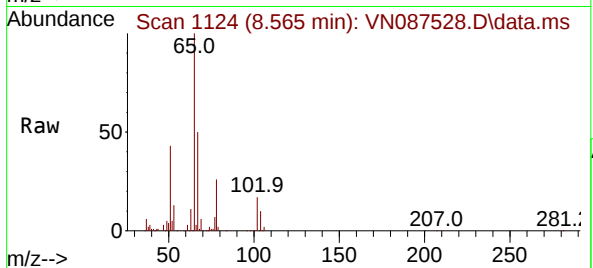
67 49.1 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.088 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VN087528.D

Acq: 13 Aug 2025 12:39

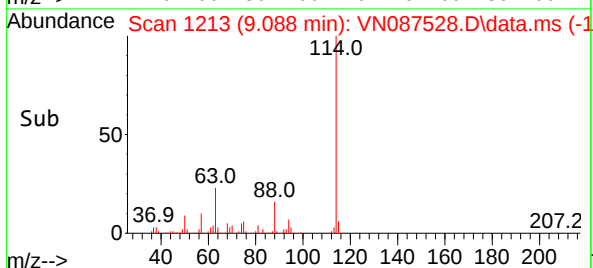
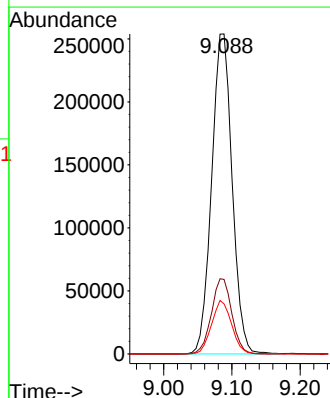
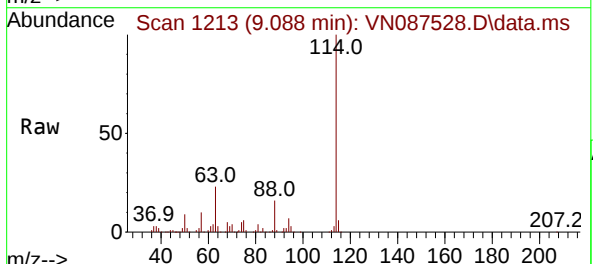
Tgt Ion:114 Resp: 532074

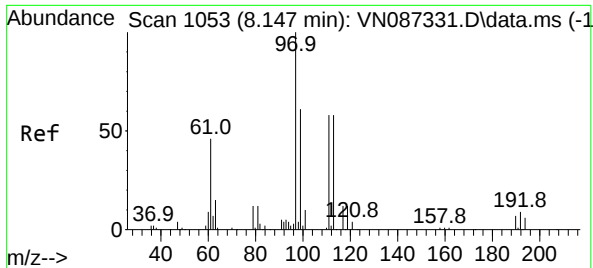
Ion Ratio Lower Upper

114 100

63 23.3 0.0 44.6

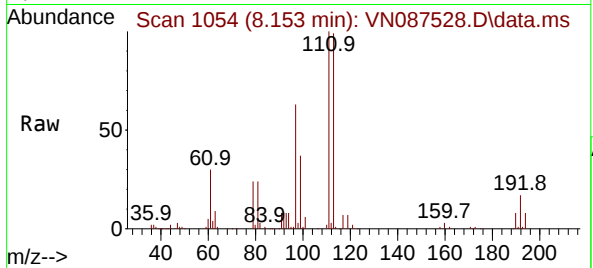
88 15.6 0.0 32.8





#35
Dibromofluoromethane
Concen: 49.948 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

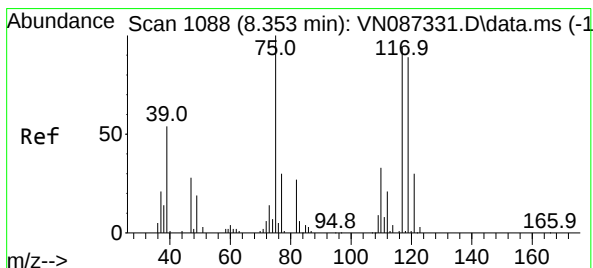
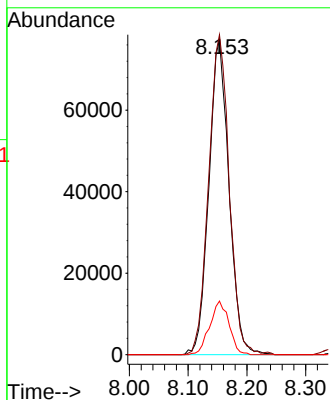
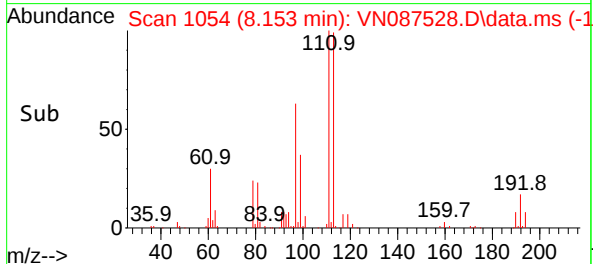
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01



Tgt Ion: 113 Resp: 18332
Ion Ratio Lower Upper
113 100
111 104.2 82.5 123.7
192 16.4 13.7 20.5

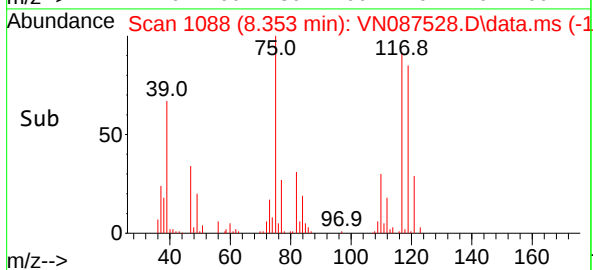
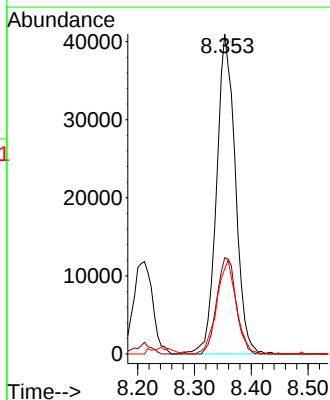
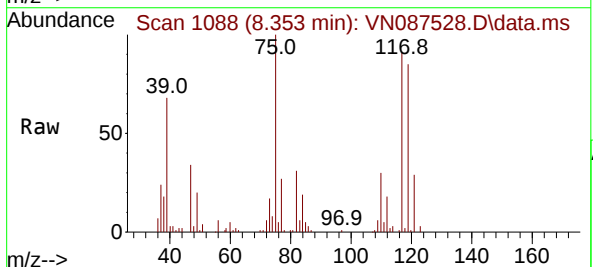
Manual Integrations
APPROVED

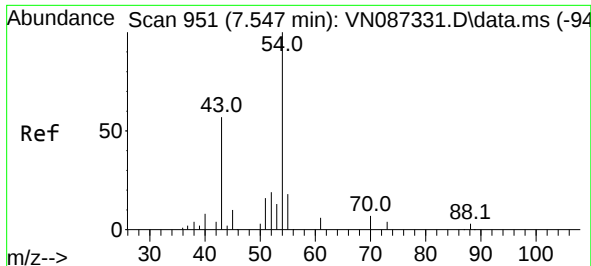
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#36
1,1-Dichloropropene
Concen: 19.376 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

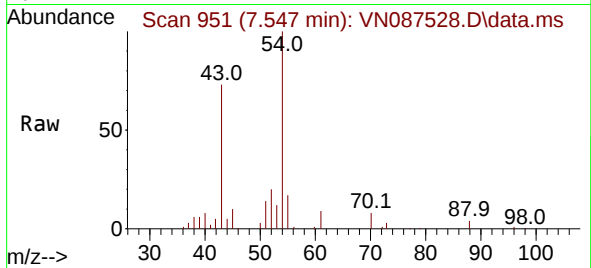
Tgt Ion: 75 Resp: 93953
Ion Ratio Lower Upper
75 100
110 31.3 16.7 50.1
77 30.0 25.2 37.8





#37
Ethyl Acetate
Concen: 19.997 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

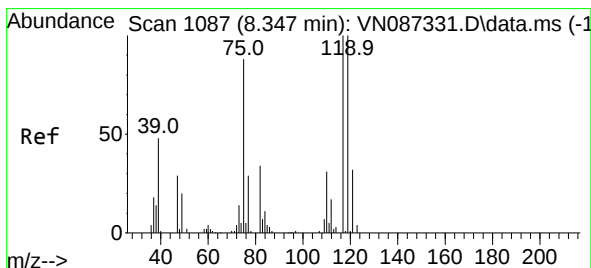
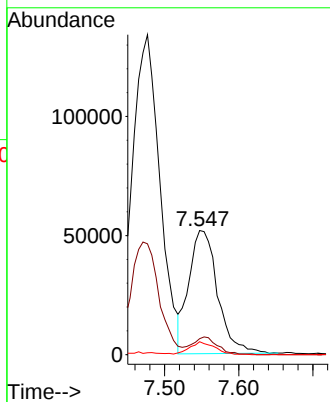
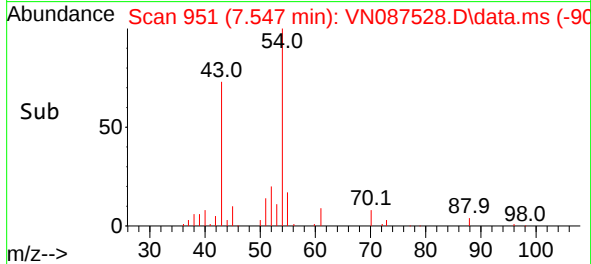
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01



Tgt Ion: 43 Resp: 140045
Ion Ratio Lower Upper
43 100
61 12.7 10.9 16.3
70 9.1 7.4 11.0

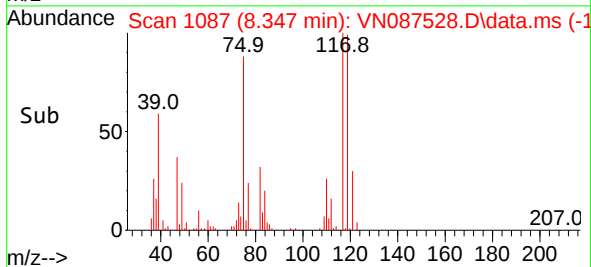
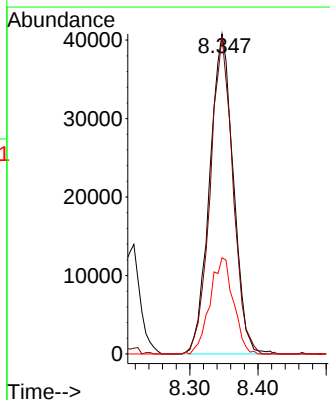
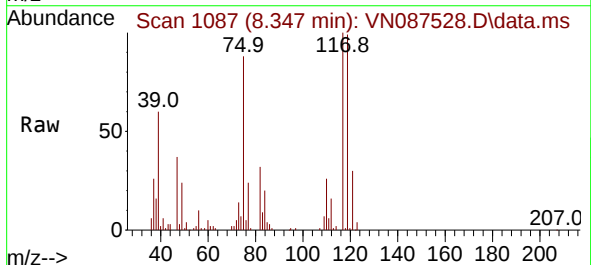
Manual Integrations
APPROVED

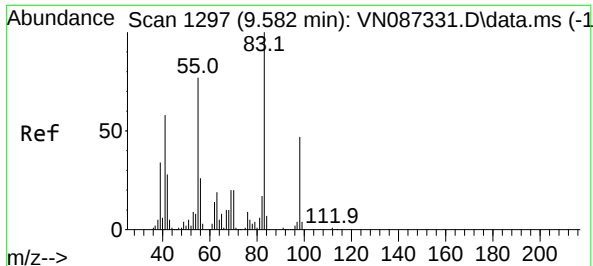
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#38
Carbon Tetrachloride
Concen: 18.460 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion:117 Resp: 98608
Ion Ratio Lower Upper
117 100
119 99.4 80.2 120.2
121 30.0 25.4 38.2





#39

Methylcyclohexane

Concen: 19.999 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN087528.D

Acq: 13 Aug 2025 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

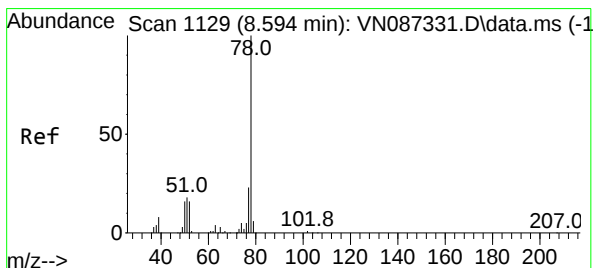
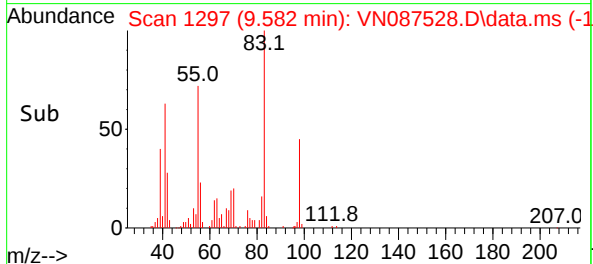
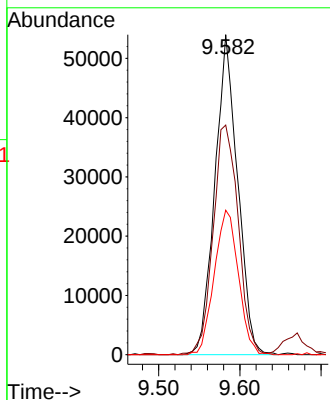
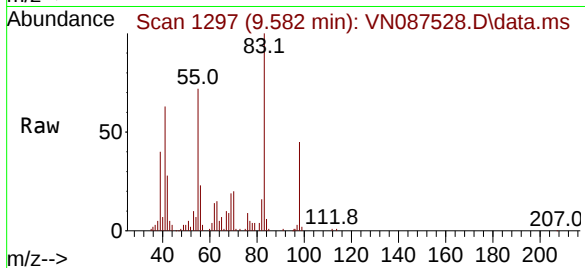
Tgt Ion:	83	Resp:	104990
Ion Ratio	Lower	Upper	
83	100		
55	71.8	61.3	91.9
98	45.2	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#40

Benzene

Concen: 19.160 ug/l

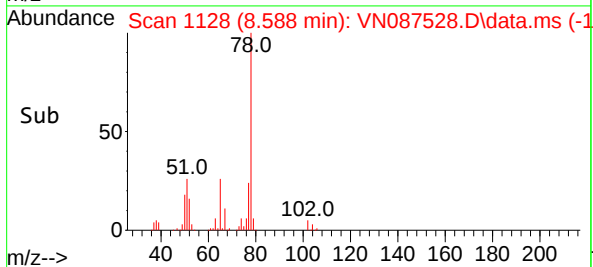
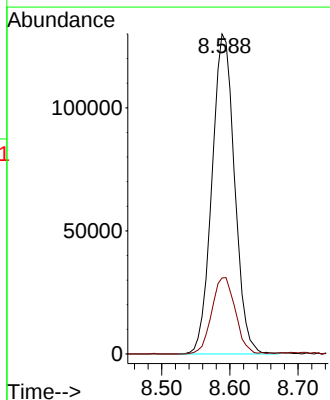
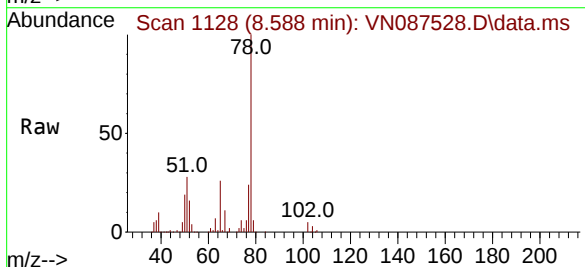
RT: 8.588 min Scan# 1128

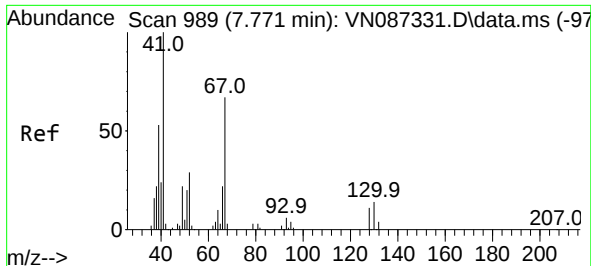
Delta R.T. -0.006 min

Lab File: VN087528.D

Acq: 13 Aug 2025 12:39

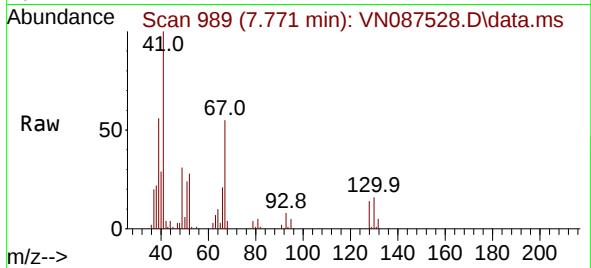
Tgt Ion:	78	Resp:	300280
Ion Ratio	Lower	Upper	
78	100		
77	23.8	18.2	27.2





#41
Methacrylonitrile
Concen: 19.824 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

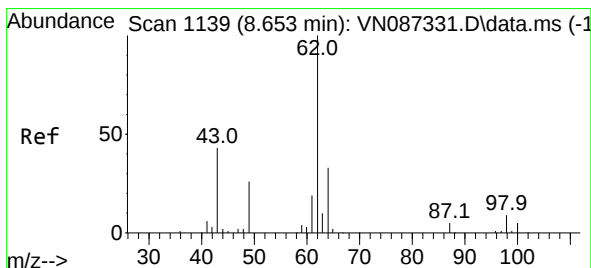
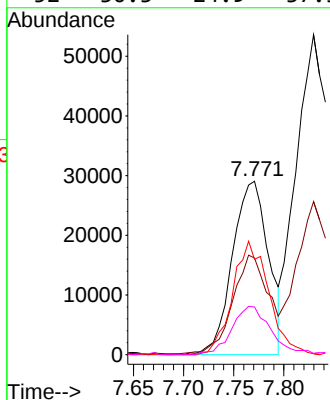
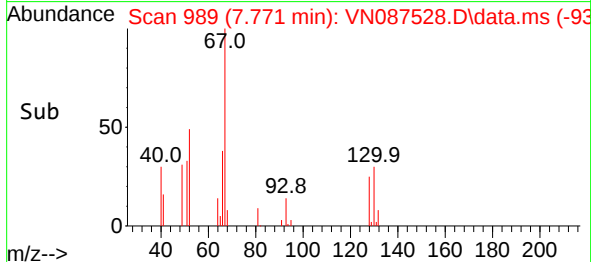
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01



Tgt Ion:	41	Resp:	7259
Ion Ratio	100	Lower	Upper
39	56.1	43.4	65.0
67	65.6	55.1	82.7
52	30.3	24.9	37.3

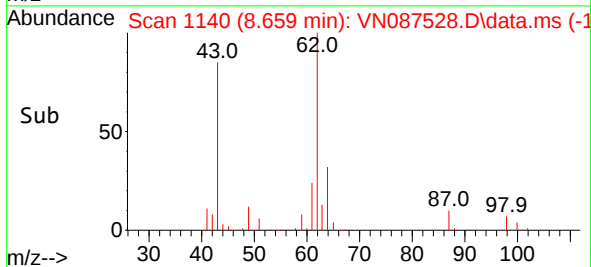
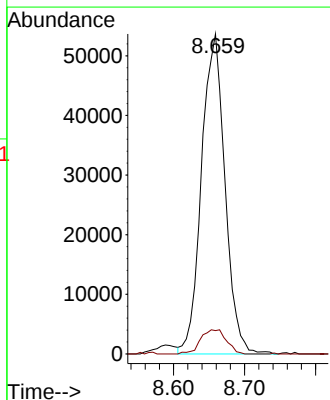
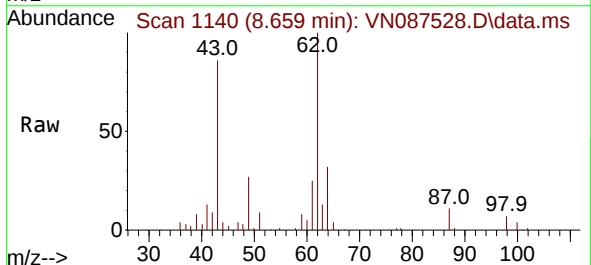
Manual Integrations
APPROVED

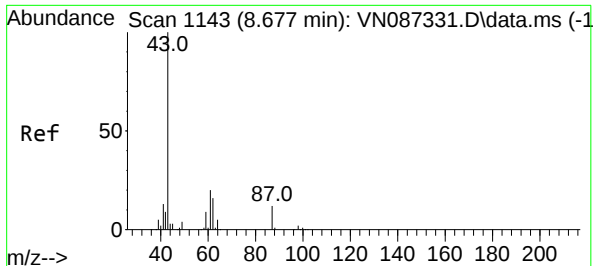
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#42
1,2-Dichloroethane
Concen: 20.757 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

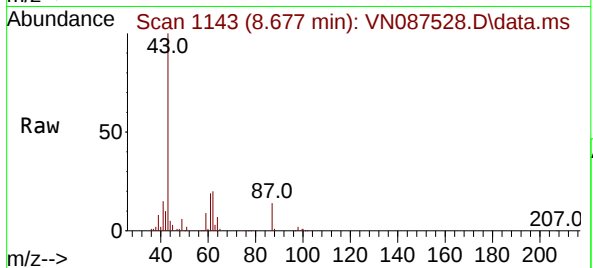
Tgt Ion:	62	Resp:	123364
Ion Ratio	100	Lower	Upper
98	8.3	0.0	18.0





#43
Isopropyl Acetate
Concen: 20.814 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

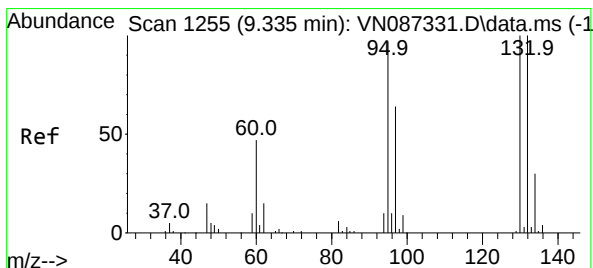
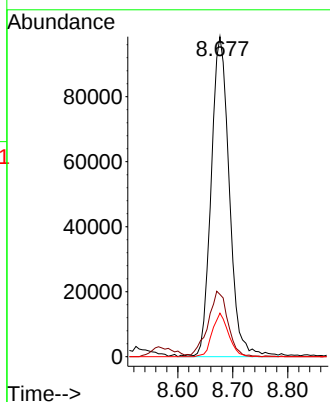
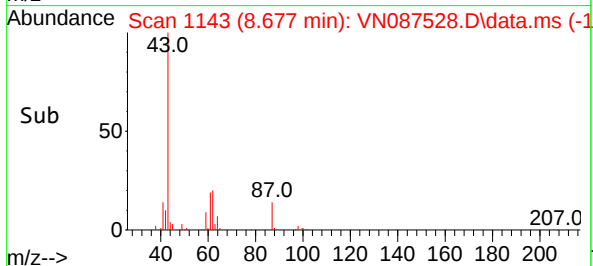
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01



Tgt Ion: 43 Resp: 22627
Ion Ratio Lower Upper
43 100
61 22.4 19.8 29.8
87 12.2 9.8 14.6

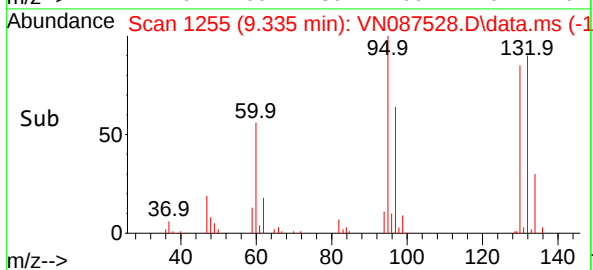
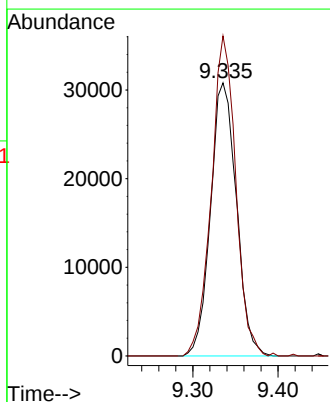
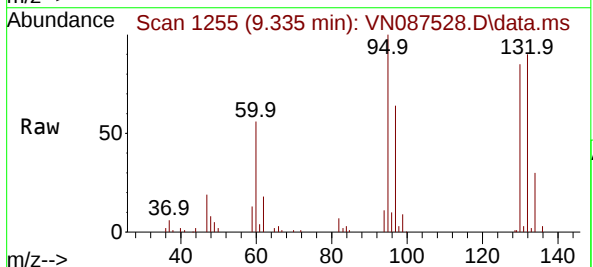
Manual Integrations
APPROVED

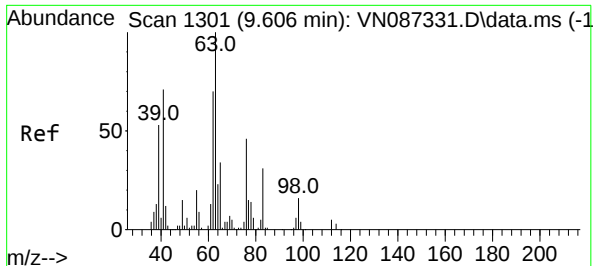
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#44
Trichloroethene
Concen: 17.548 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion:130 Resp: 64984
Ion Ratio Lower Upper
130 100
95 117.2 0.0 195.2





#45

1,2-Dichloropropane

Concen: 19.195 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN087528.D

Acq: 13 Aug 2025 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

Tgt Ion: 63 Resp: 76438

Ion Ratio Lower Upper

63 100

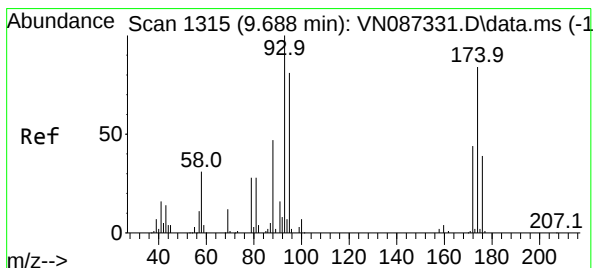
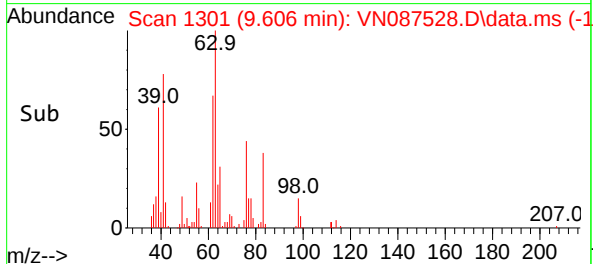
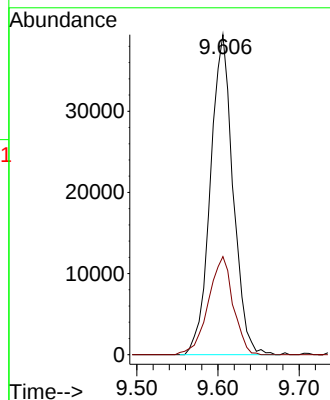
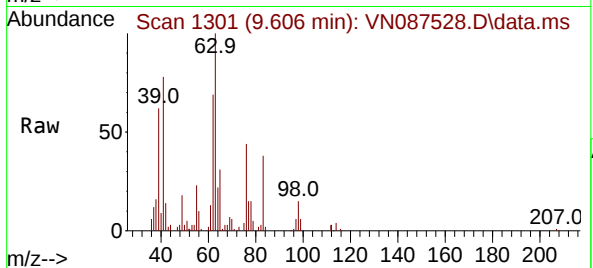
65 30.6 27.0 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#46

Dibromomethane

Concen: 19.494 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087528.D

Acq: 13 Aug 2025 12:39

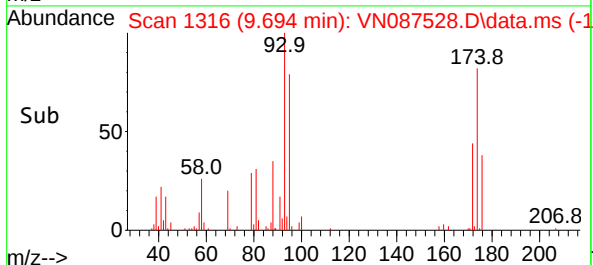
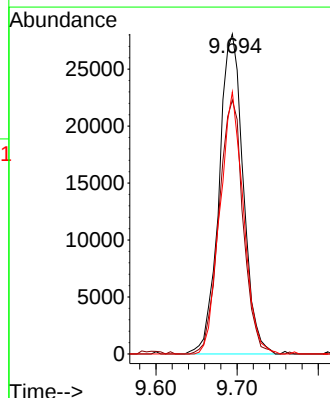
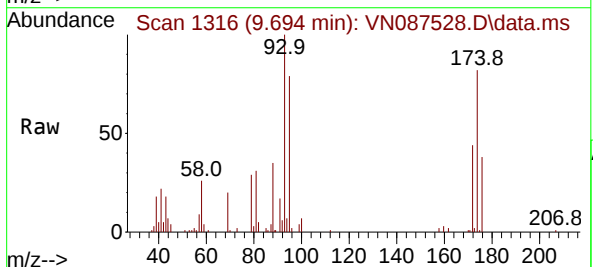
Tgt Ion: 93 Resp: 58121

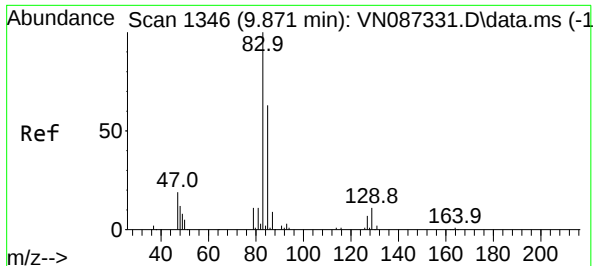
Ion Ratio Lower Upper

93 100

95 79.5 65.8 98.8

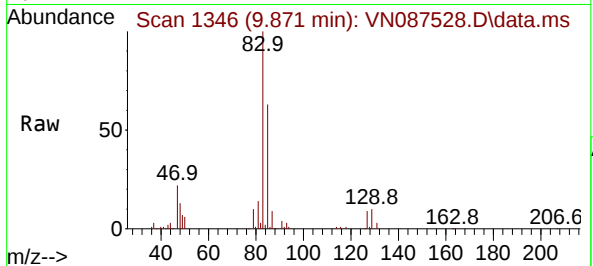
174 79.5 69.9 104.9





#47
Bromodichloromethane
Concen: 19.721 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

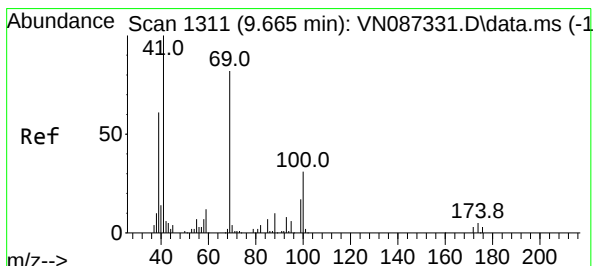
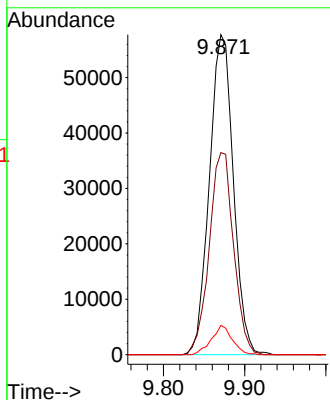
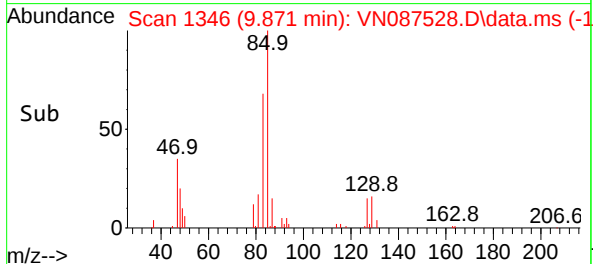
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01



Tgt Ion: 83 Resp: 11843
Ion Ratio Lower Upper
83 100
85 63.2 50.4 75.6
127 9.2 5.8 8.8

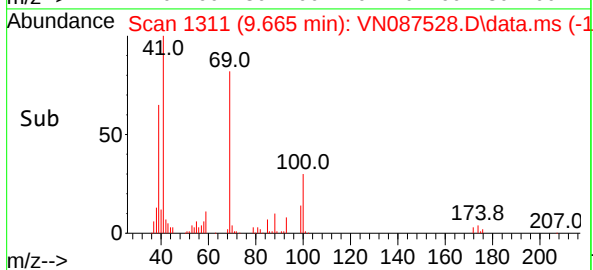
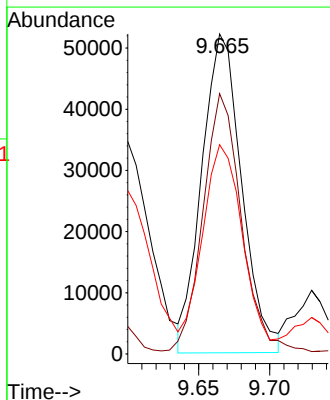
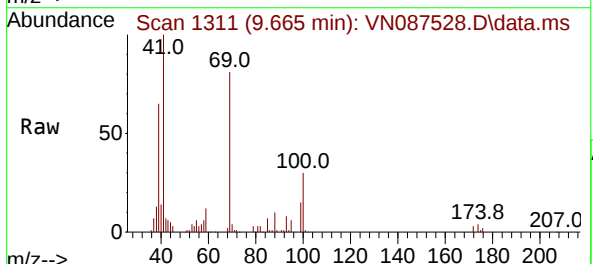
Manual Integrations
APPROVED

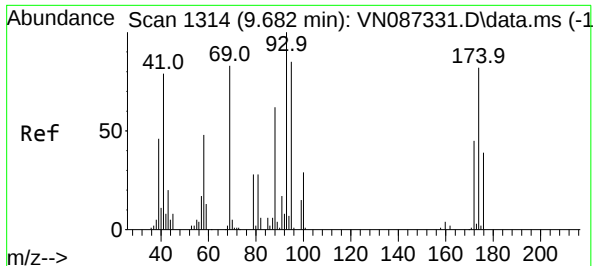
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#48
Methyl methacrylate
Concen: 20.787 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

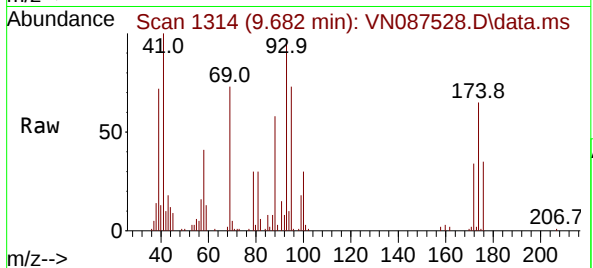
Tgt Ion: 41 Resp: 101733
Ion Ratio Lower Upper
41 100
69 77.7 64.1 96.1
39 67.0 45.5 68.3





#49
1,4-Dioxane
Concen: 409.771 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

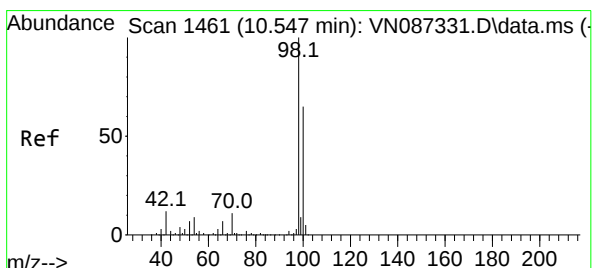
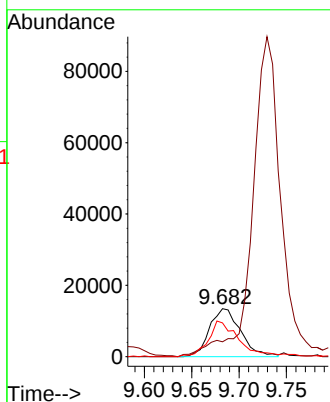
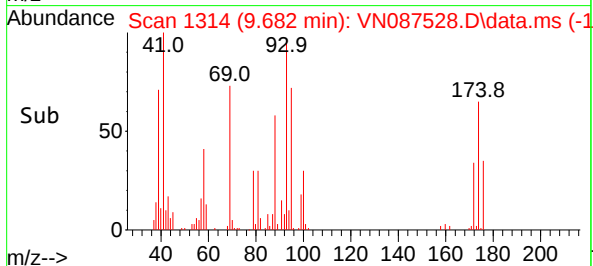
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01



Tgt Ion: 88 Resp: 30710
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 75.4 61.1 91.7

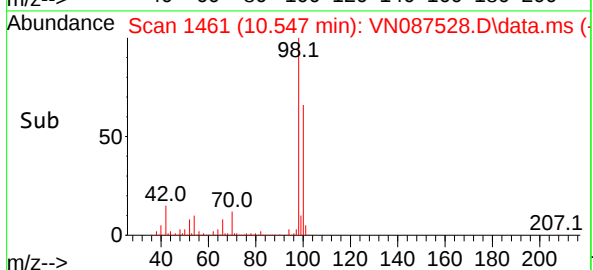
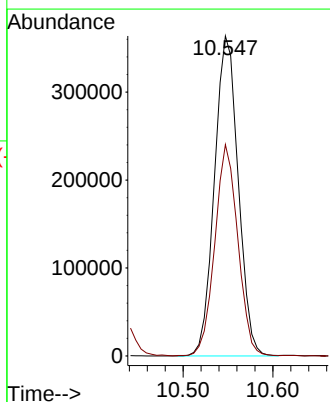
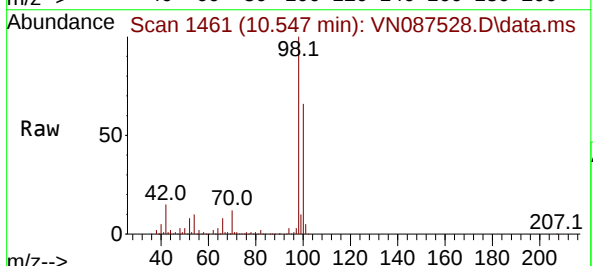
Manual Integrations
APPROVED

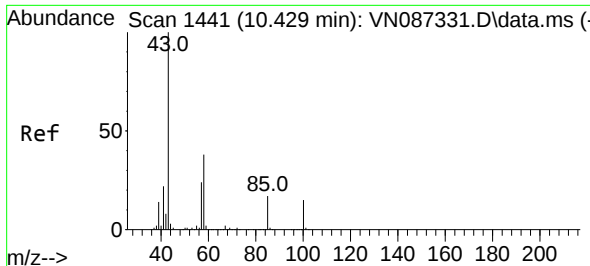
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#50
Toluene-d8
Concen: 51.066 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion: 98 Resp: 668561
Ion Ratio Lower Upper
98 100
100 63.9 52.1 78.1





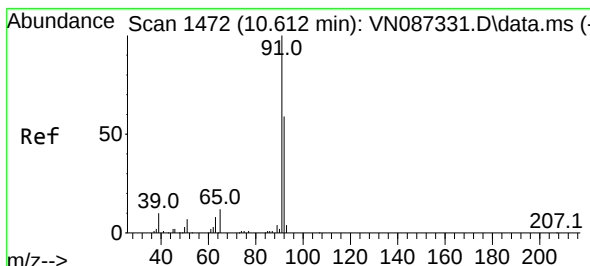
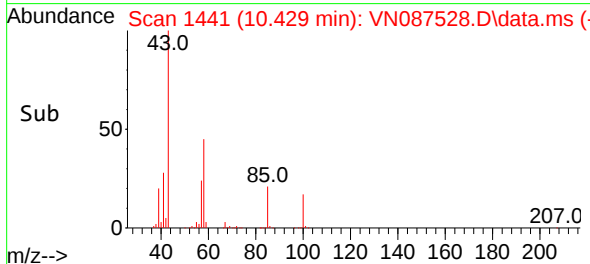
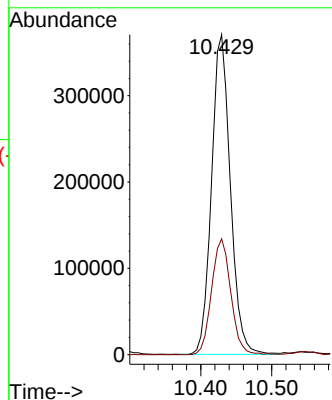
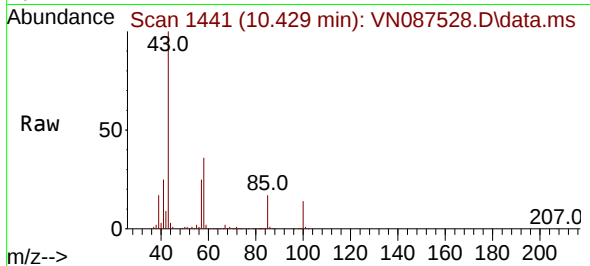
#51
4-Methyl-2-Pentanone
Concen: 99.209 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Tgt Ion: 43 Resp: 682140
Ion Ratio Lower Upper
43 100
58 37.0 30.8 46.2

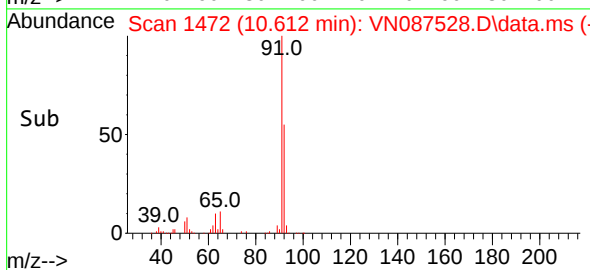
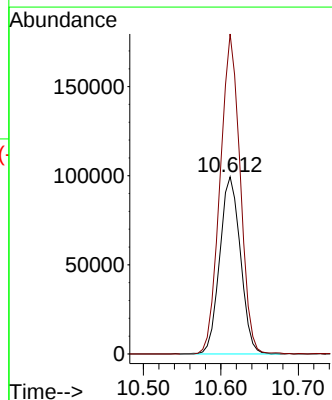
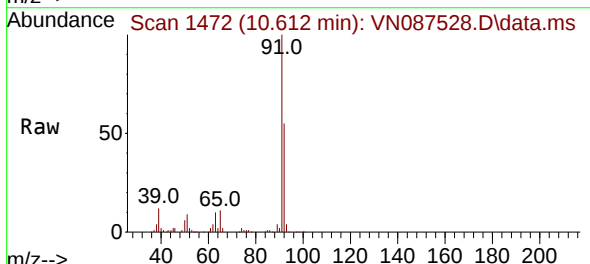
Manual Integrations
APPROVED

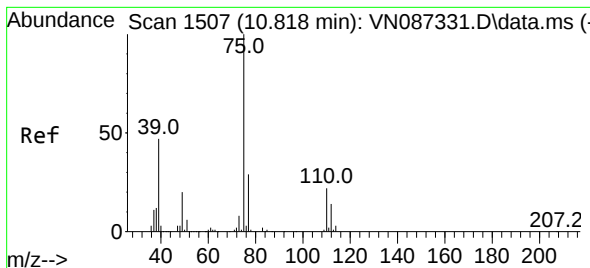
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#52
Toluene
Concen: 19.330 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

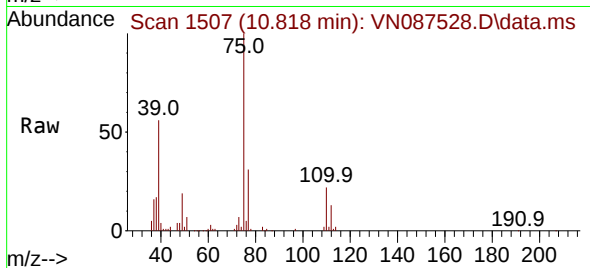
Tgt Ion: 92 Resp: 184134
Ion Ratio Lower Upper
92 100
91 175.9 135.1 202.7





#53
t-1,3-Dichloropropene
Concen: 20.839 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

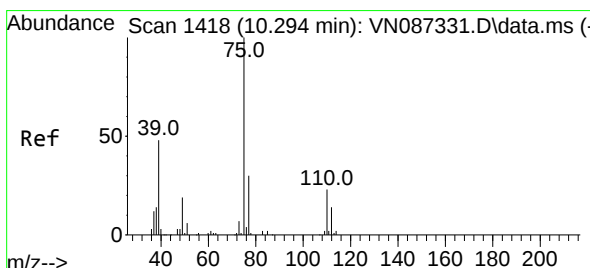
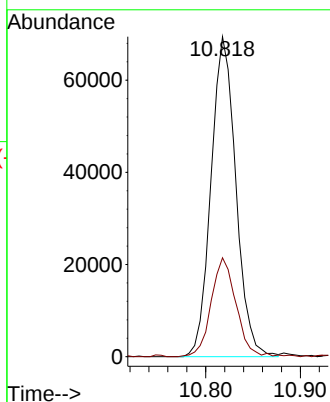
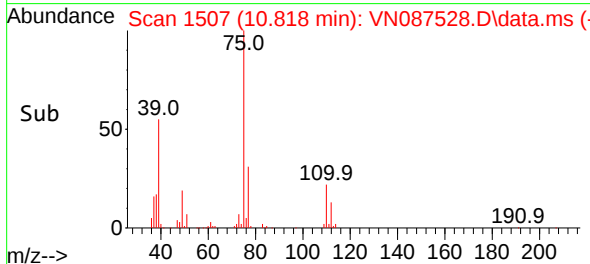
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01



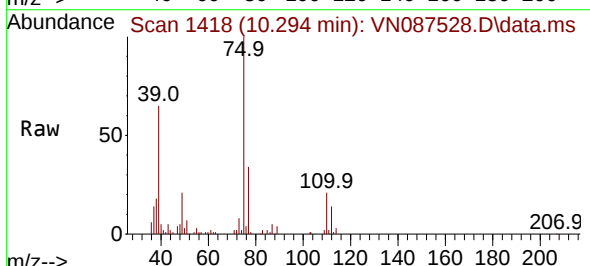
Tgt Ion: 75 Resp: 126653
Ion Ratio Lower Upper
75 100
77 30.9 23.6 35.4

Manual Integrations
APPROVED

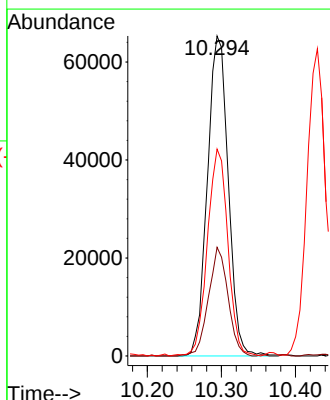
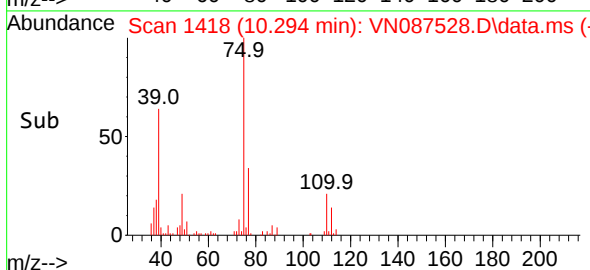
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

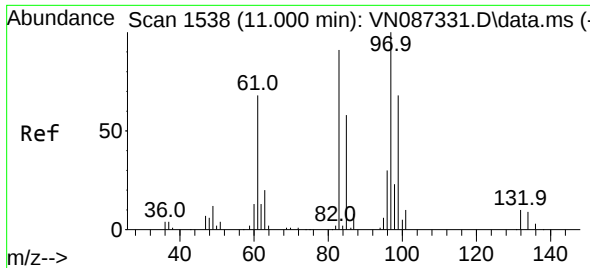


#54
cis-1,3-Dichloropropene
Concen: 20.333 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39



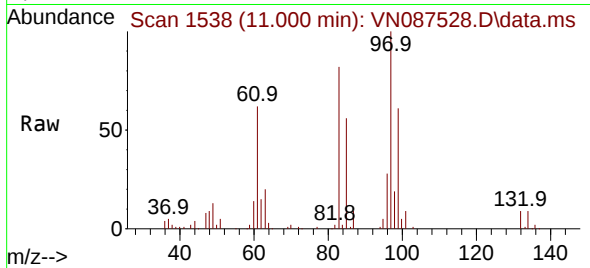
Tgt Ion: 75 Resp: 127653
Ion Ratio Lower Upper
75 100
77 34.0 24.2 36.2
39 64.3 38.4 57.6#





#55
1,1,2-Trichloroethane
Concen: 19.538 ug/l
RT: 11.000 min Scan# 1538
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

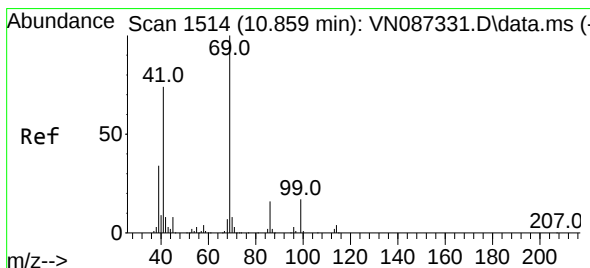
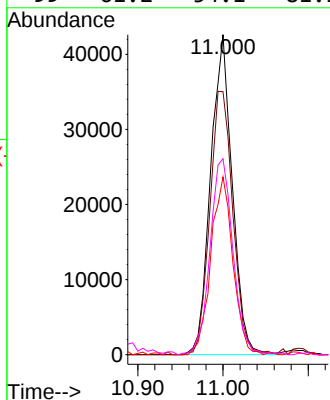
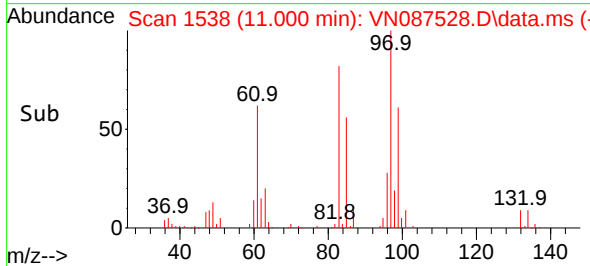
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01



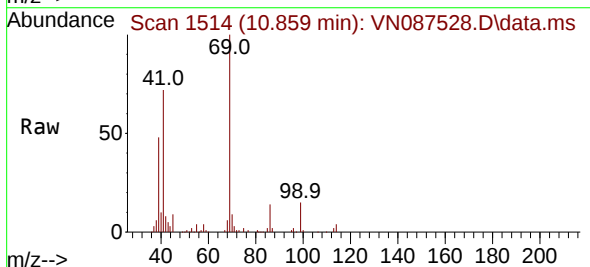
Tgt Ion:	97	Resp:	7535
Ion	Ratio	Lower	Upper
97	100		
83	82.2	72.6	109.0
85	55.5	46.7	70.1
99	61.2	54.1	81.1

Manual Integrations
APPROVED

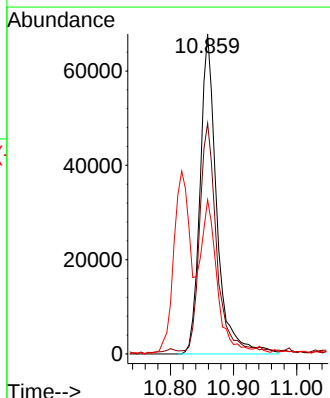
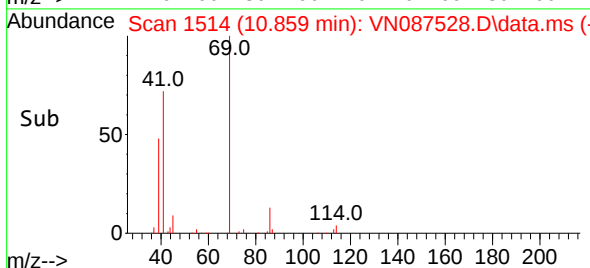
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

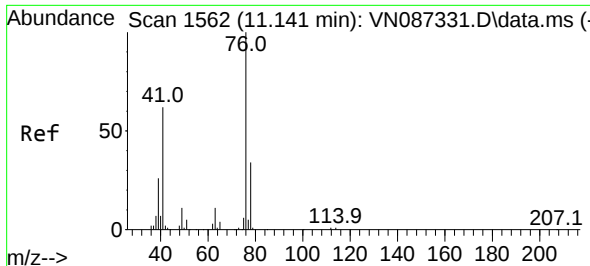


#56
Ethyl methacrylate
Concen: 20.038 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39



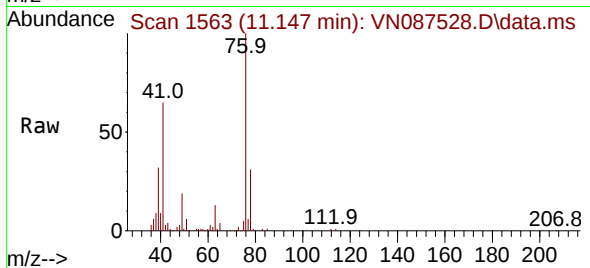
Tgt Ion:	69	Resp:	124909
Ion	Ratio	Lower	Upper
69	100		
41	71.0	55.1	82.7
39	42.8	27.9	41.9





#57
1,3-Dichloropropane
Concen: 20.025 ug/l
RT: 11.147 min Scan# 1563
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

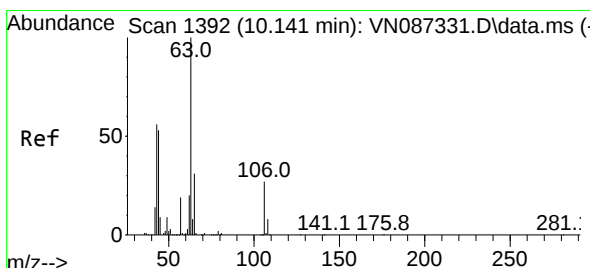
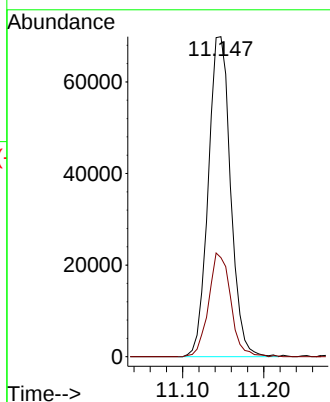
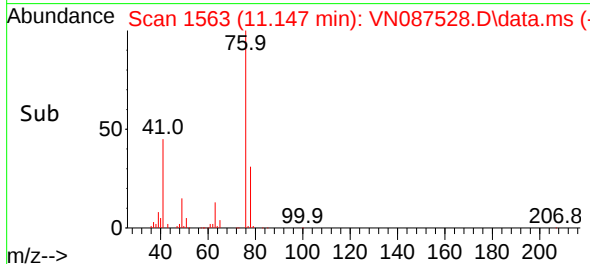
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01



Tgt Ion: 76 Resp: 13352
Ion Ratio Lower Upper
76 100
78 32.1 26.0 39.0

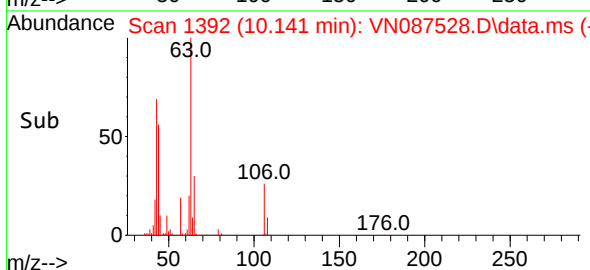
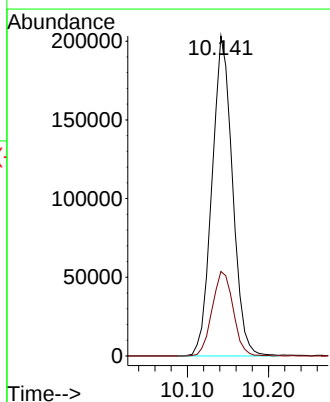
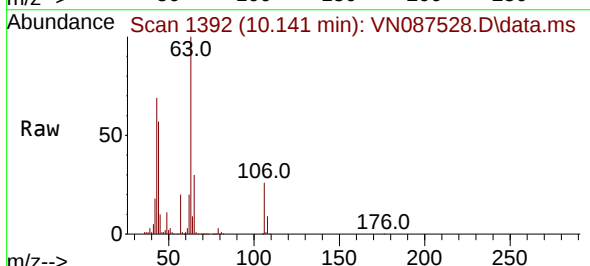
Manual Integrations
APPROVED

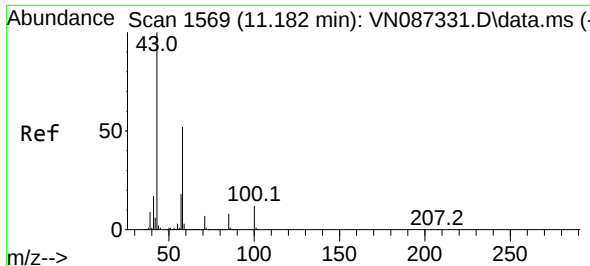
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#58
2-Chloroethyl Vinyl ether
Concen: 112.912 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

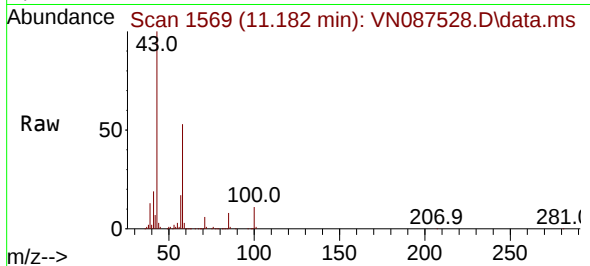
Tgt Ion: 63 Resp: 357207
Ion Ratio Lower Upper
63 100
106 27.0 21.7 32.5





#59
2-Hexanone
Concen: 98.549 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

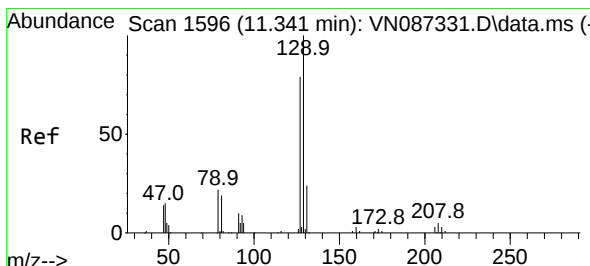
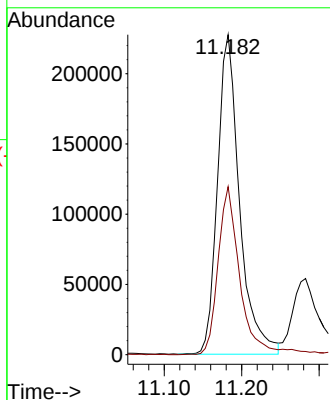
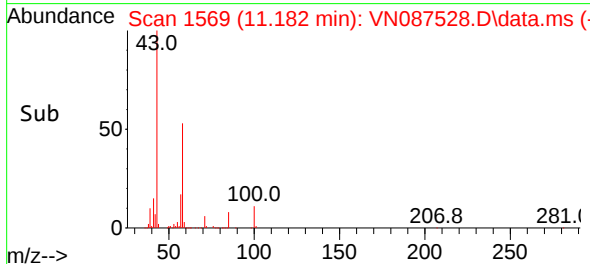
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01



Tgt Ion: 43 Resp: 449560
Ion Ratio Lower Upper
43 100
58 52.8 26.7 80.0

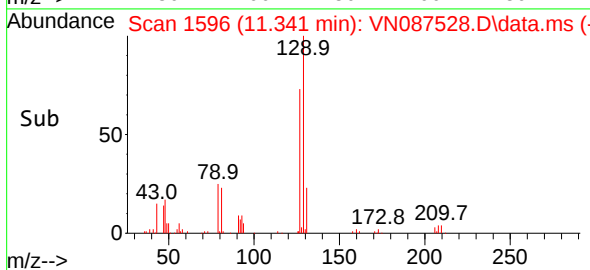
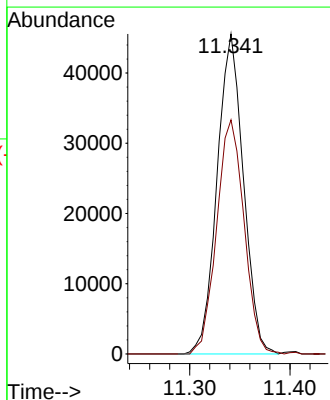
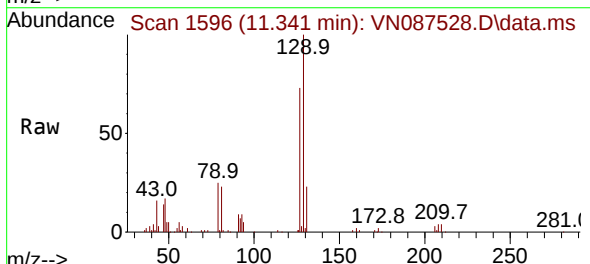
Manual Integrations
APPROVED

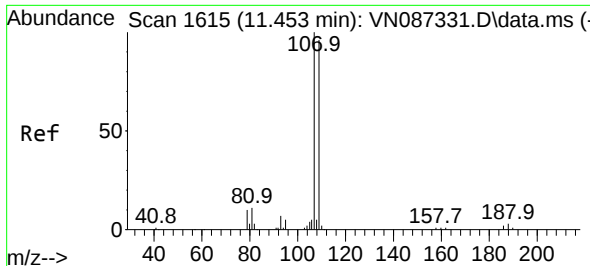
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#60
Dibromochloromethane
Concen: 18.904 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion:129 Resp: 83142
Ion Ratio Lower Upper
129 100
127 76.2 39.1 117.5





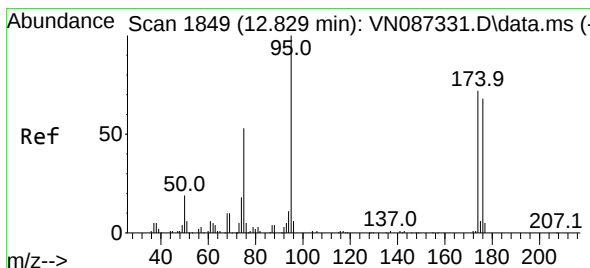
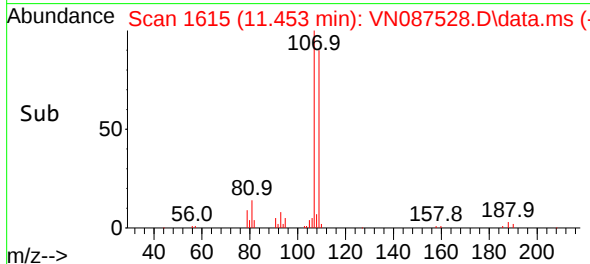
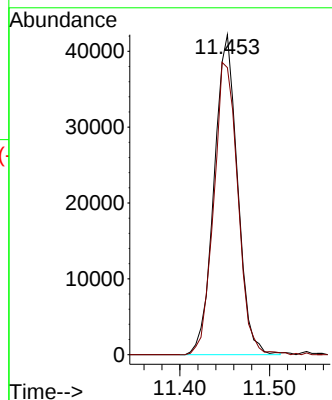
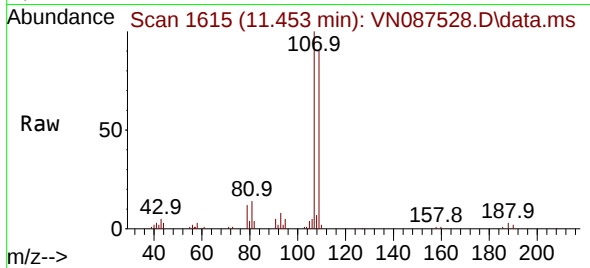
#61
1,2-Dibromoethane
Concen: 18.856 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01

Tgt Ion:107 Resp: 76462
Ion Ratio Lower Upper
107 100
109 93.9 77.5 116.3

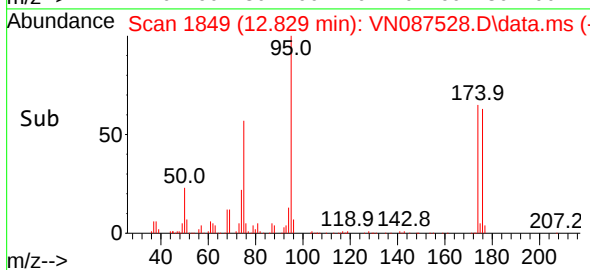
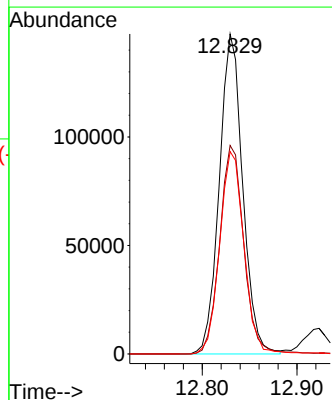
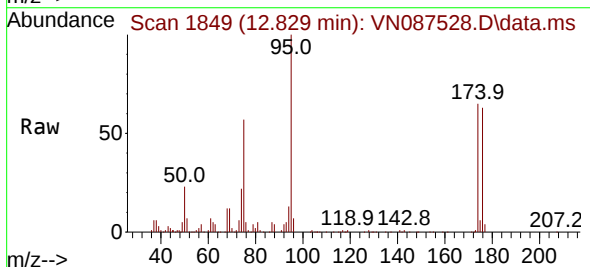
Manual Integrations
APPROVED

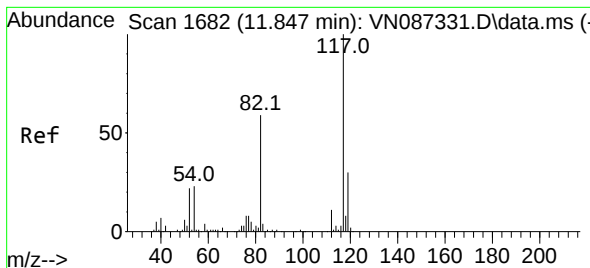
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#62
4-Bromofluorobenzene
Concen: 52.413 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

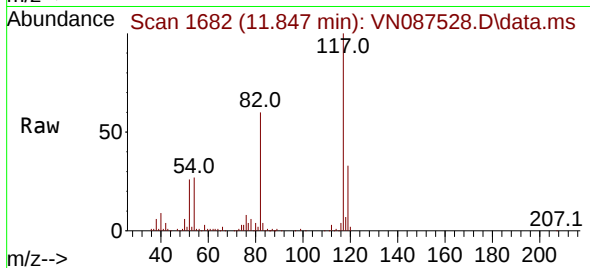
Tgt Ion: 95 Resp: 253521
Ion Ratio Lower Upper
95 100
174 67.2 0.0 149.4
176 65.6 0.0 141.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

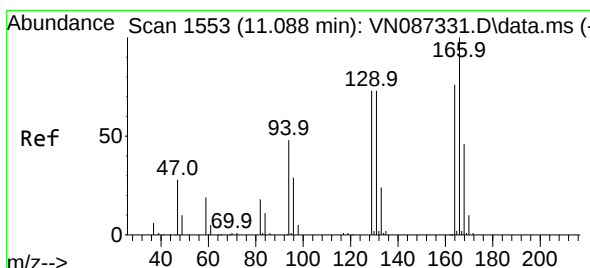
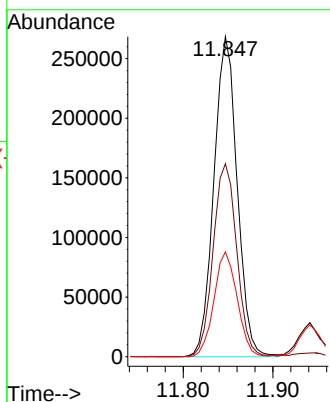
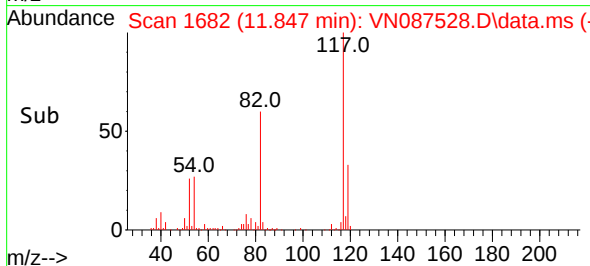
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01



Tgt Ion:117 Resp: 48350
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.2
119 32.7 23.8 35.8

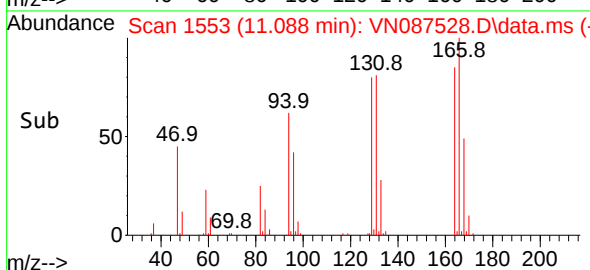
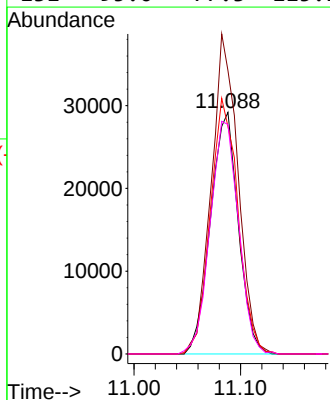
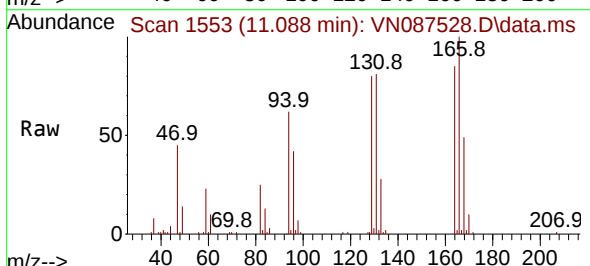
Manual Integrations
APPROVED

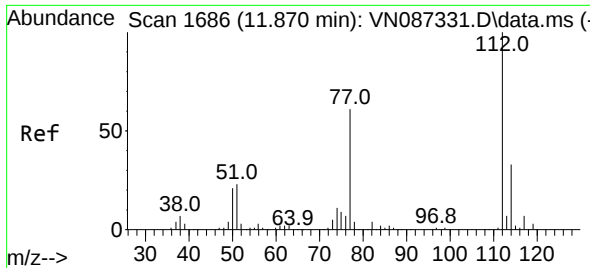
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#64
Tetrachloroethene
Concen: 16.970 ug/l
RT: 11.088 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

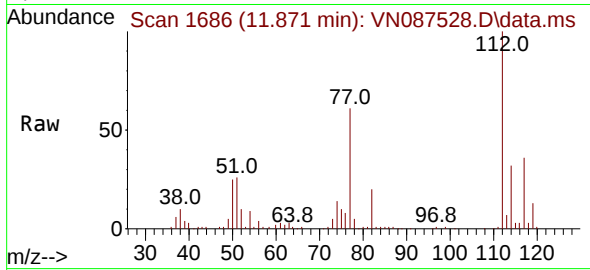
Tgt Ion:164 Resp: 52809
Ion Ratio Lower Upper
164 100
166 117.3 105.5 158.3
129 94.1 77.4 116.2
131 95.0 77.3 115.9





#65
Chlorobenzene
Concen: 18.828 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

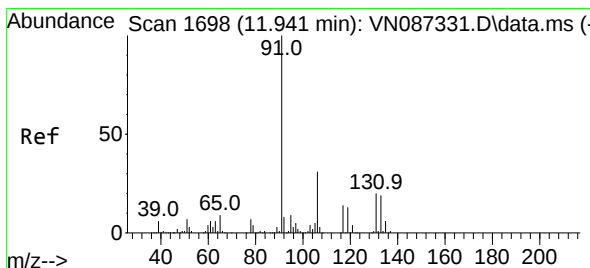
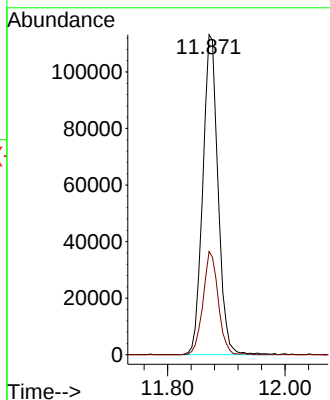
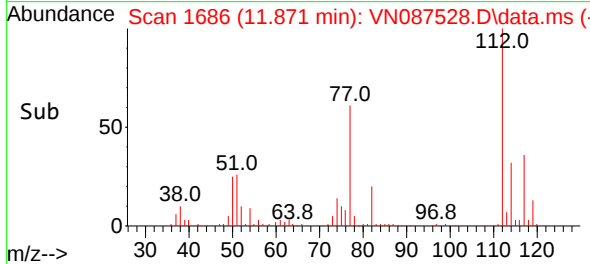
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01



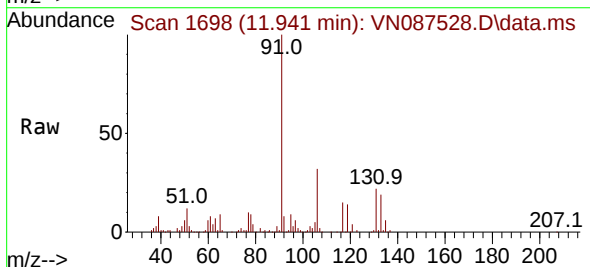
Tgt Ion:112 Resp: 20438
Ion Ratio Lower Upper
112 100
114 32.3 26.5 39.7

Manual Integrations
APPROVED

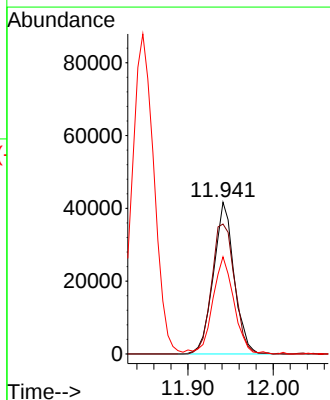
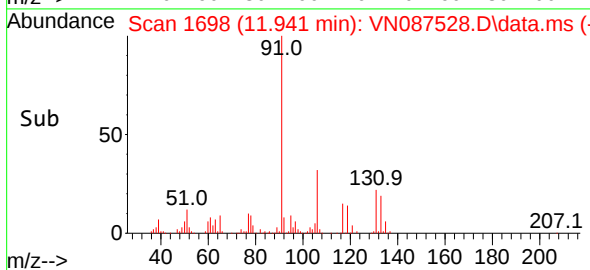
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

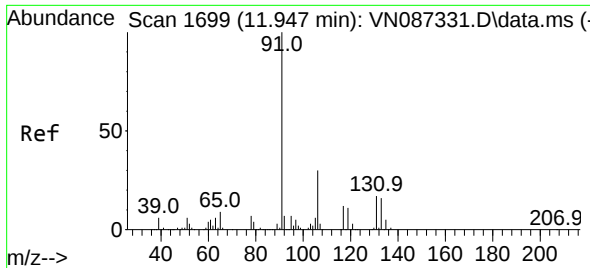


#66
1,1,1,2-Tetrachloroethane
Concen: 19.066 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39



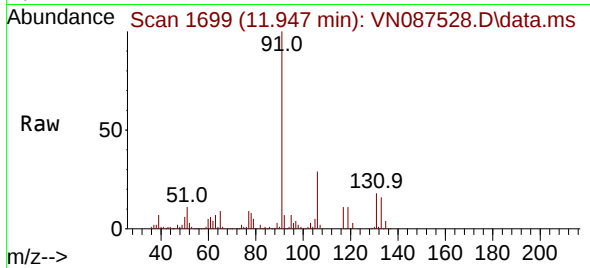
Tgt Ion:131 Resp: 70375
Ion Ratio Lower Upper
131 100
133 95.5 47.4 142.3
119 65.9 33.1 99.2





#67
Ethyl Benzene
Concen: 19.633 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

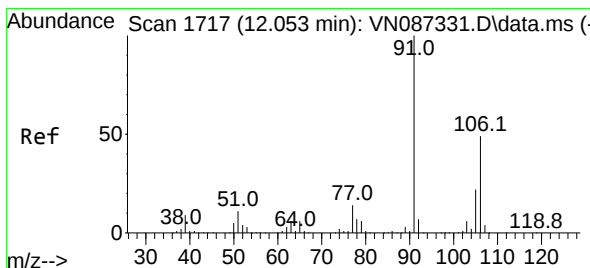
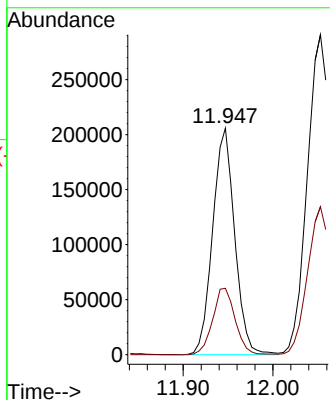
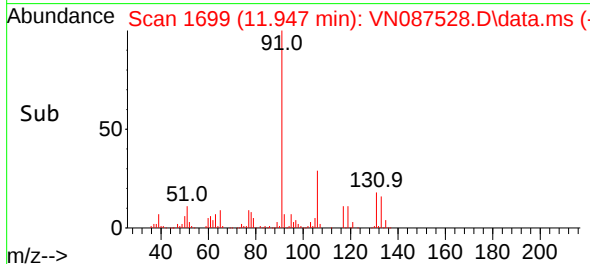
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01



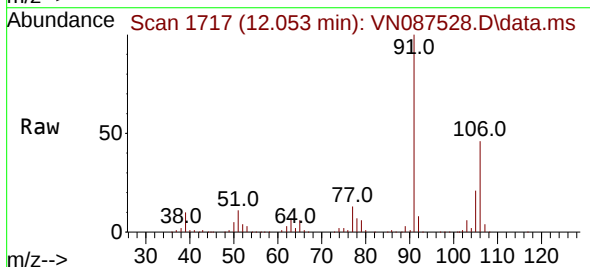
Tgt Ion: 91 Resp: 350836
Ion Ratio Lower Upper
91 100
106 29.3 24.3 36.5

Manual Integrations
APPROVED

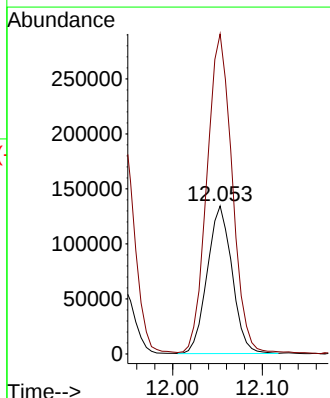
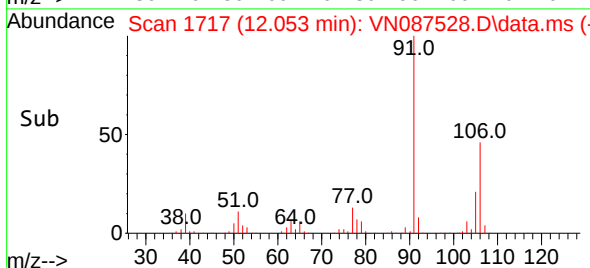
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

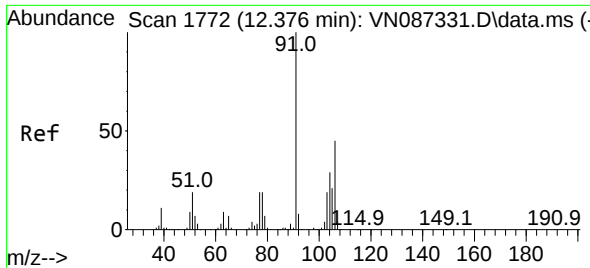


#68
m/p-Xylenes
Concen: 38.492 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39



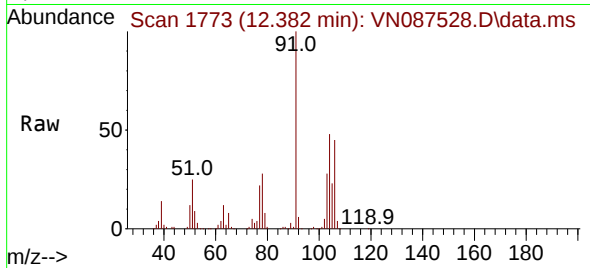
Tgt Ion:106 Resp: 257573
Ion Ratio Lower Upper
106 100
91 222.1 162.0 243.0





#69
o-Xylene
Concen: 19.828 ug/l
RT: 12.382 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

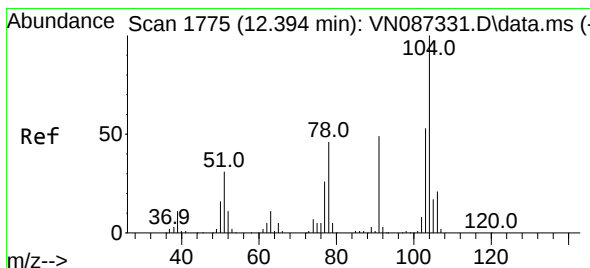
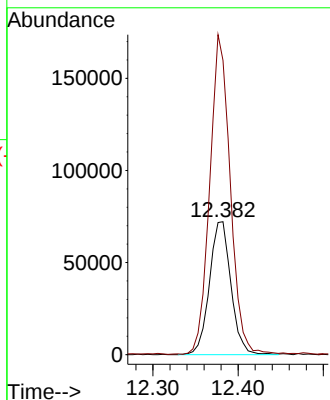
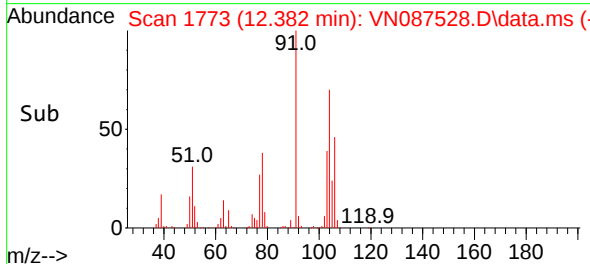
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01



Tgt Ion:106 Resp: 12674
Ion Ratio Lower Upper
106 100
91 228.8 107.7 323.3

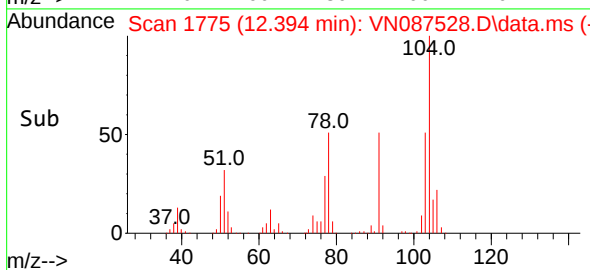
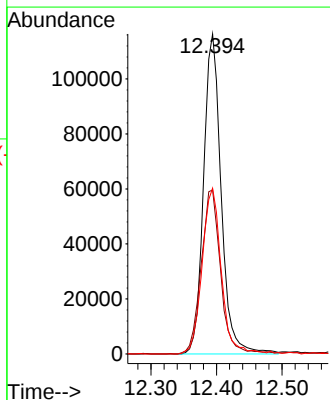
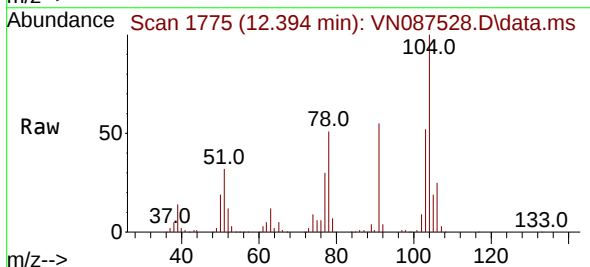
Manual Integrations
APPROVED

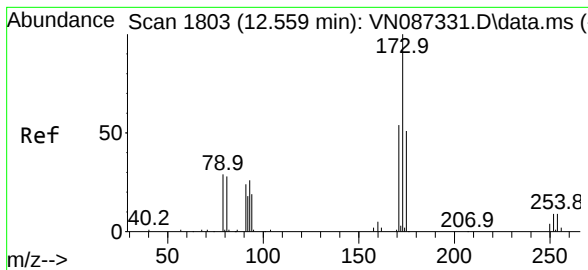
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#70
Styrene
Concen: 20.239 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

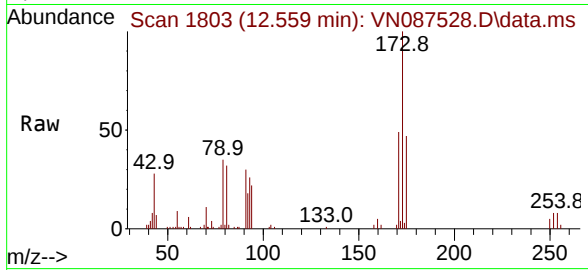
Tgt Ion:104 Resp: 217628
Ion Ratio Lower Upper
104 100
78 56.7 41.0 61.6
103 56.1 43.9 65.9





#71
Bromoform
Concen: 17.288 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

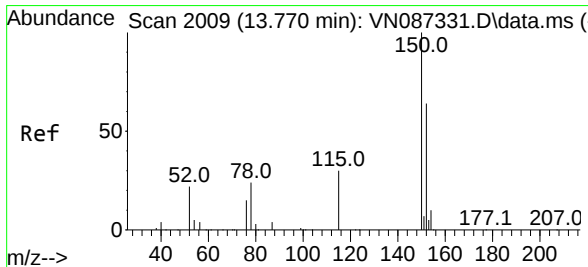
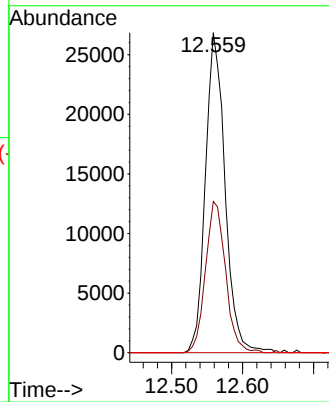
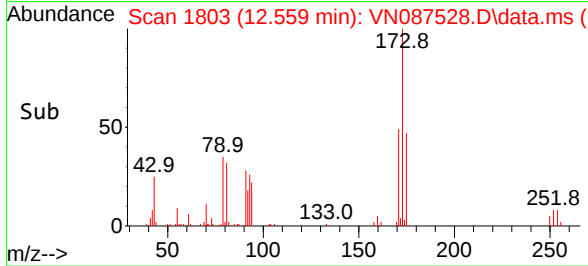
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01



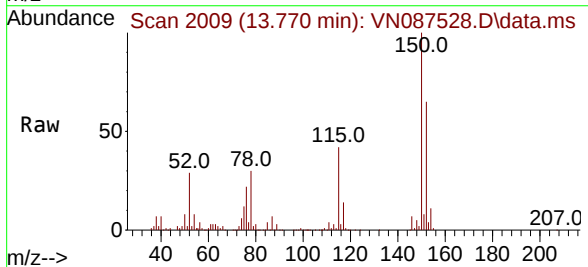
Tgt Ion:173 Resp: 5155
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.3
254 0.0 0.0 0.0

Manual Integrations
APPROVED

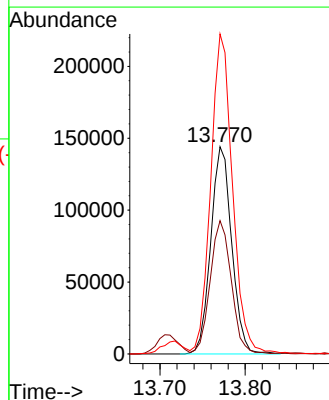
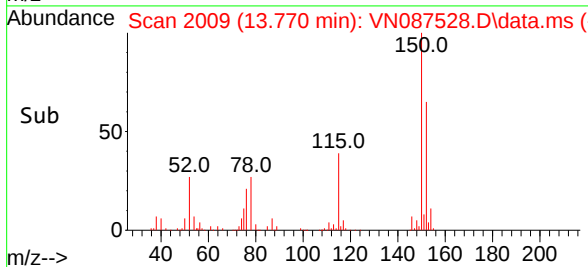
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

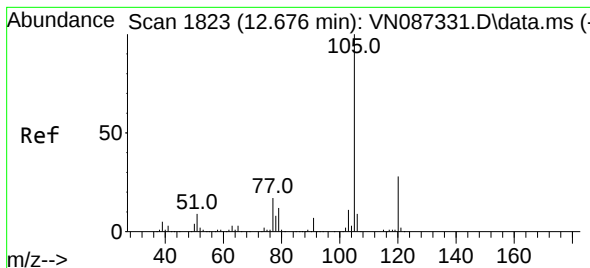


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39



Tgt Ion:152 Resp: 246357
Ion Ratio Lower Upper
152 100
115 63.8 31.1 93.5
150 160.2 0.0 349.0





#73

Isopropylbenzene

Concen: 21.254 ug/l

RT: 12.676 min Scan# 1823

Delta R.T. 0.000 min

Lab File: VN087528.D

Acq: 13 Aug 2025 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

Tgt Ion:105 Resp: 329550

Ion Ratio Lower Upper

105 100

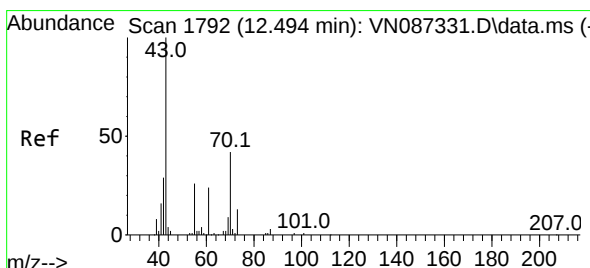
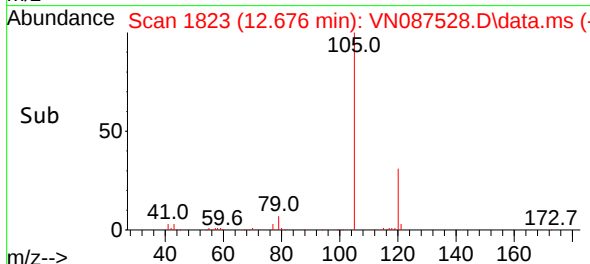
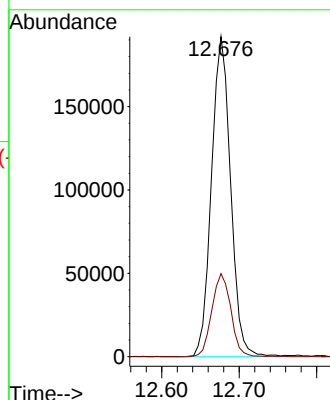
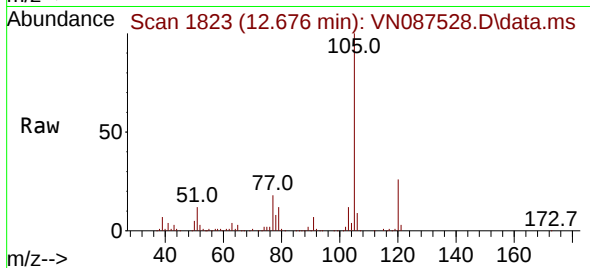
120 25.8 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#74

N-ethyl acetate

Concen: 18.253 ug/l m

RT: 12.529 min Scan# 1798

Delta R.T. 0.035 min

Lab File: VN087528.D

Acq: 13 Aug 2025 12:39

Tgt Ion: 43 Resp: 117589

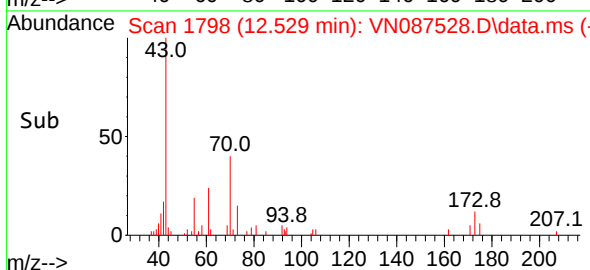
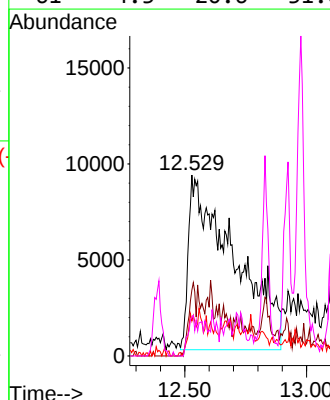
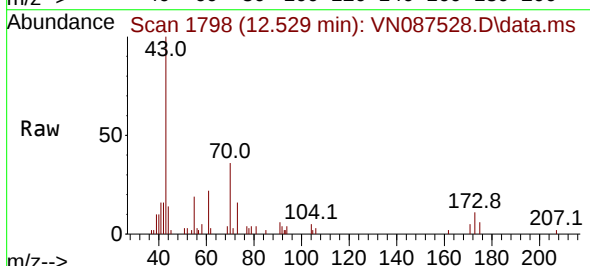
Ion Ratio Lower Upper

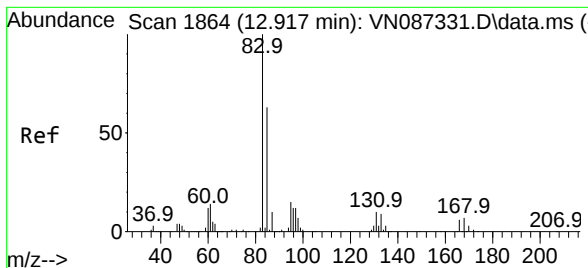
43 100

70 6.3 37.6 56.4#

55 4.0 19.6 29.4#

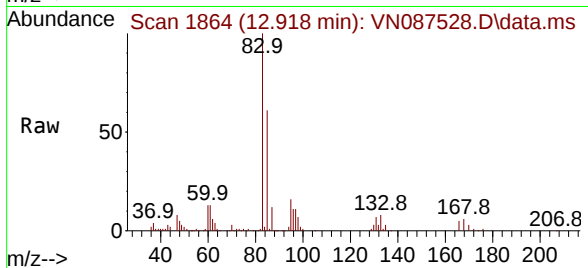
61 4.3 20.6 31.0#





#75
1,1,2,2-Tetrachloroethane
Concen: 20.344 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

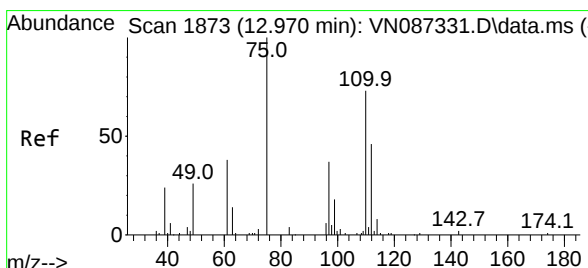
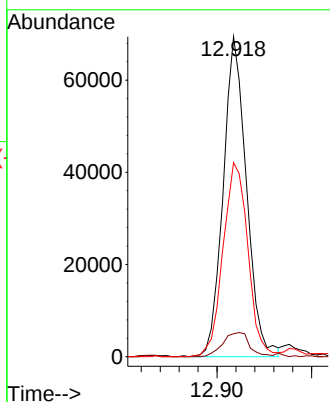
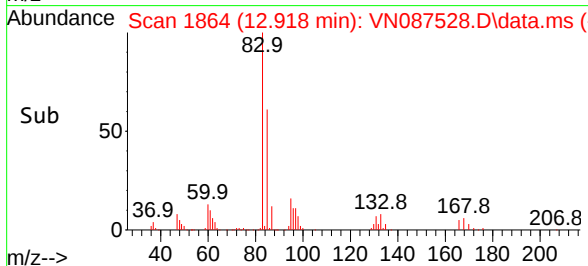
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01



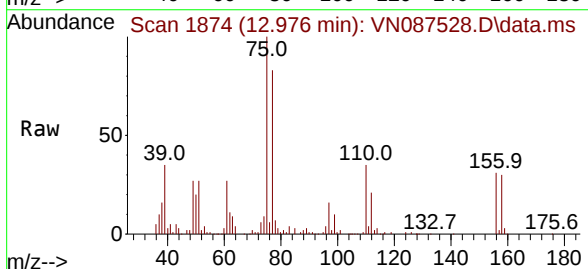
Tgt Ion: 83 Resp: 11869
Ion Ratio Lower Upper
83 100
131 8.6 5.1 15.3
85 64.7 32.5 97.4

Manual Integrations
APPROVED

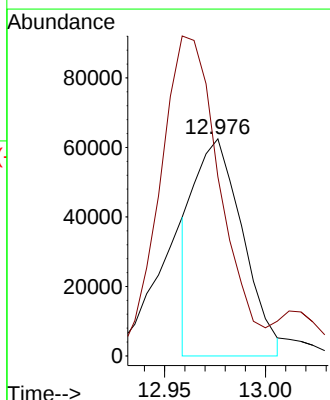
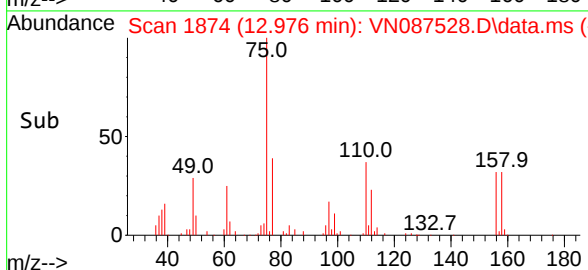
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

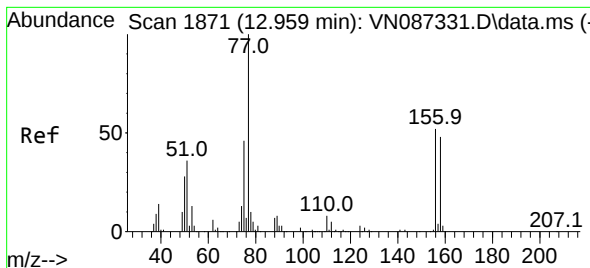


#76
1,2,3-Trichloropropane
Concen: 18.893 ug/l m
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39



Tgt Ion: 75 Resp: 104369
Ion Ratio Lower Upper
75 100
77 184.5 94.5 283.6





#77

Bromobenzene

Concen: 19.737 ug/l

RT: 12.965 min Scan# 1872

Delta R.T. 0.006 min

Lab File: VN087528.D

Acq: 13 Aug 2025 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBS01

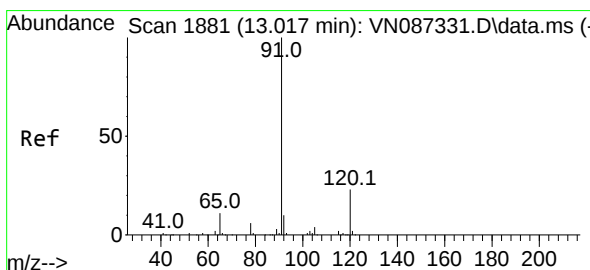
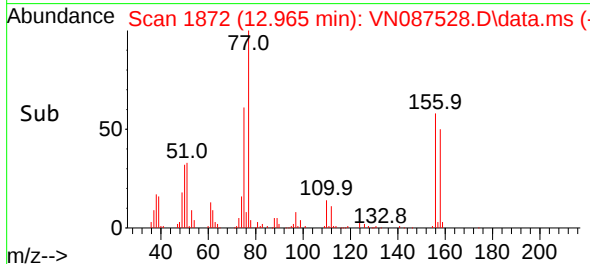
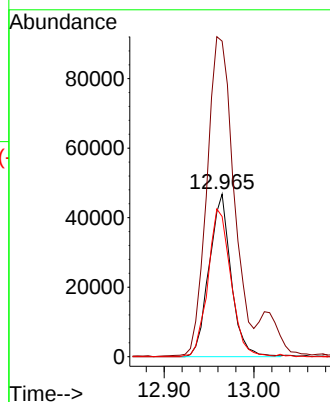
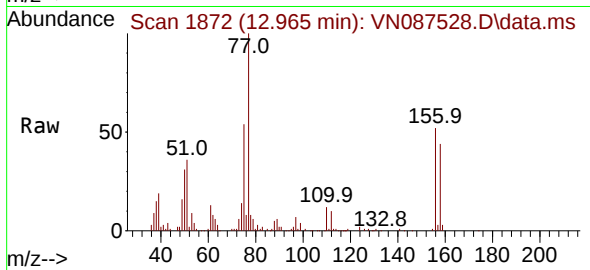
Tgt Ion:	156	Resp:	7936
Ion Ratio	Lower	Upper	
156	100		
77	242.6	114.9	344.6
158	95.2	48.5	145.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#78

n-propylbenzene

Concen: 20.830 ug/l

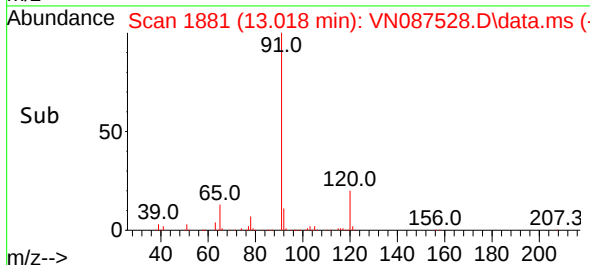
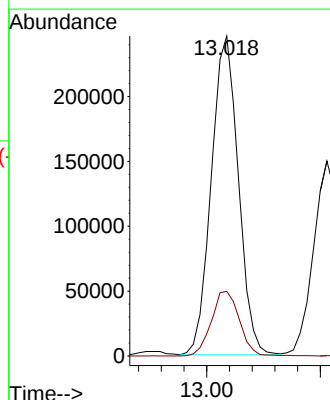
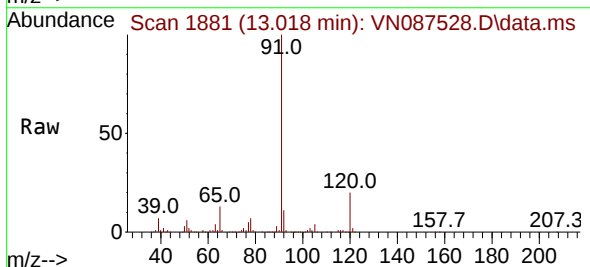
RT: 13.018 min Scan# 1881

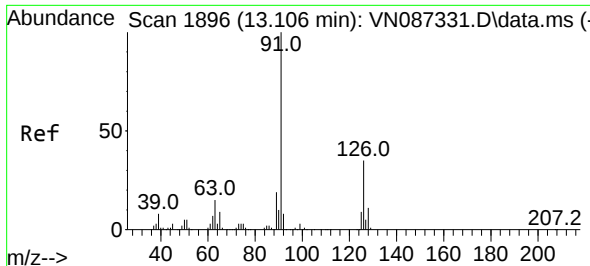
Delta R.T. 0.000 min

Lab File: VN087528.D

Acq: 13 Aug 2025 12:39

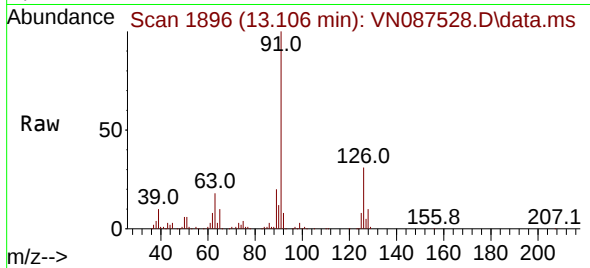
Tgt Ion:	91	Resp:	406345
Ion Ratio	Lower	Upper	
91	100		
120	21.1	11.3	33.8





#79
2-Chlorotoluene
Concen: 20.804 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

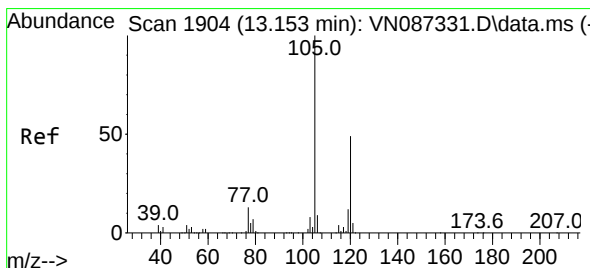
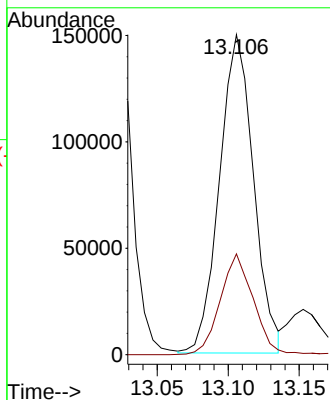
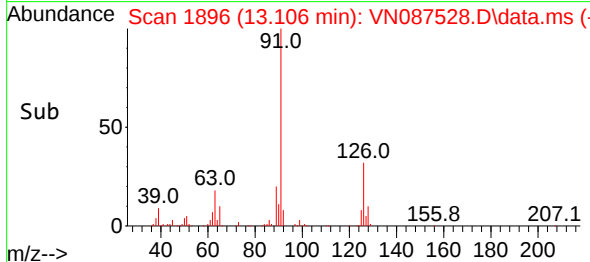
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01



Tgt Ion: 91 Resp: 249430
Ion Ratio Lower Upper
91 100
126 30.8 16.9 50.6

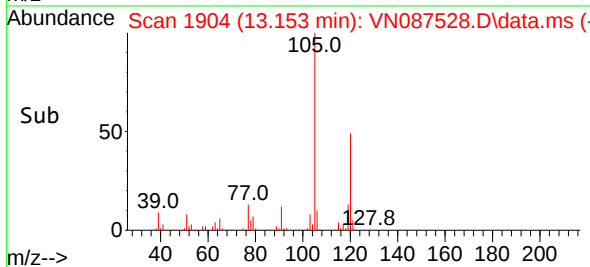
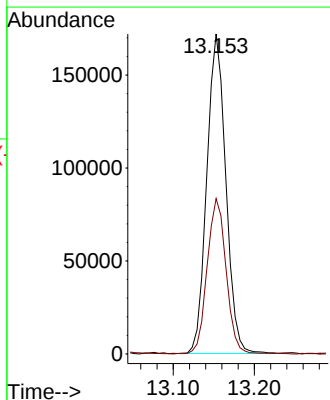
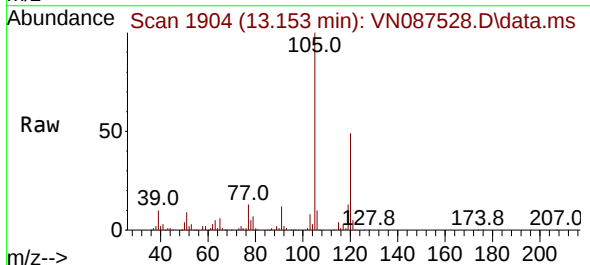
Manual Integrations
APPROVED

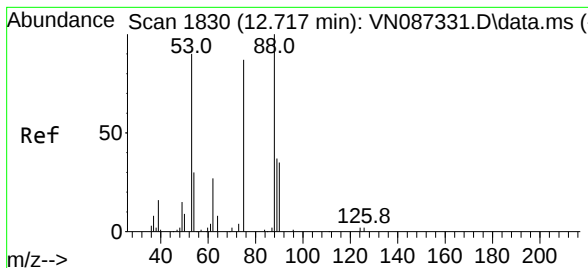
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#80
1,3,5-Trimethylbenzene
Concen: 21.137 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

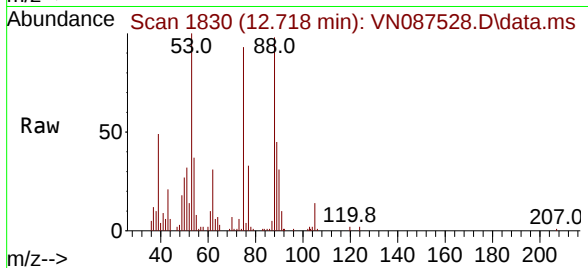
Tgt Ion:105 Resp: 279232
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 17.665 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

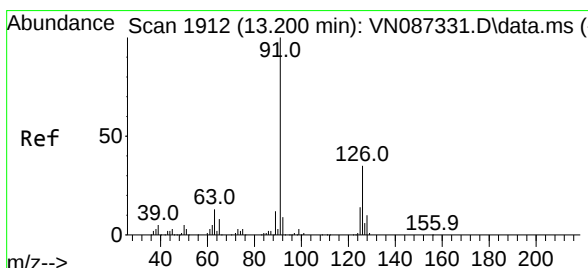
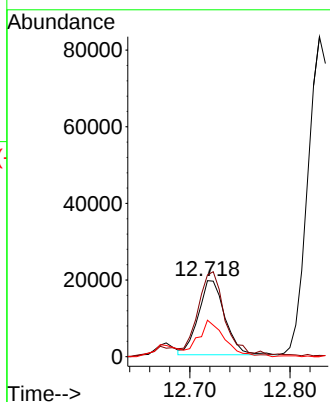
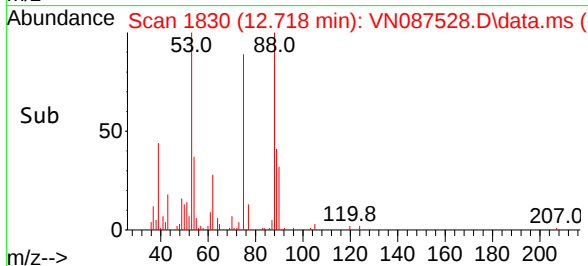
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01



Tgt Ion: 75 Resp: 3566
Ion Ratio Lower Upper
75 100
53 118.1 83.5 125.3
89 48.6 38.4 57.6

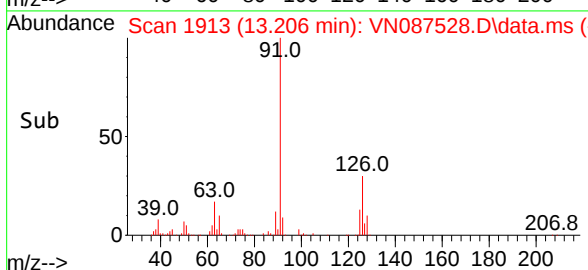
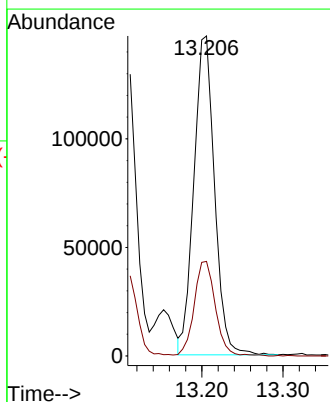
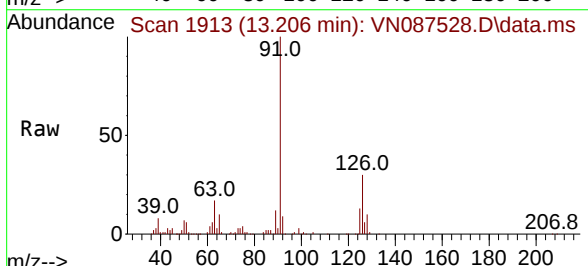
Manual Integrations
APPROVED

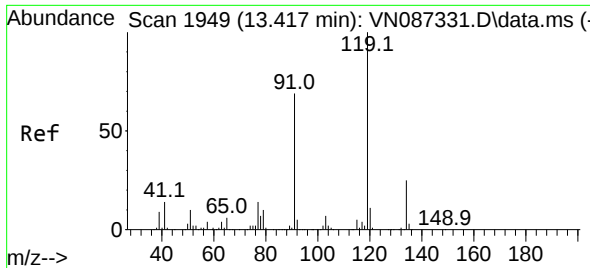
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#82
4-Chlorotoluene
Concen: 20.795 ug/l
RT: 13.206 min Scan# 1913
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

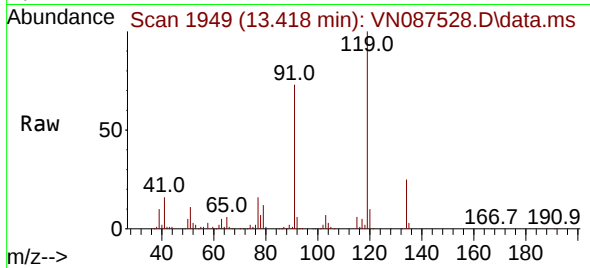
Tgt Ion: 91 Resp: 259571
Ion Ratio Lower Upper
91 100
126 30.6 16.6 49.7





#83
tert-Butylbenzene
Concen: 21.326 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

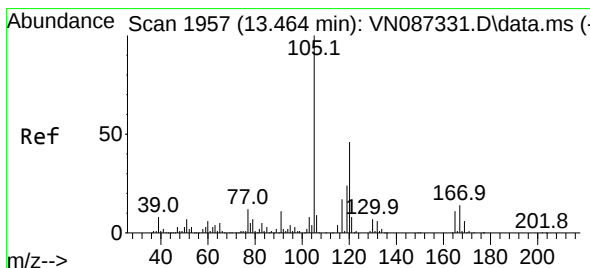
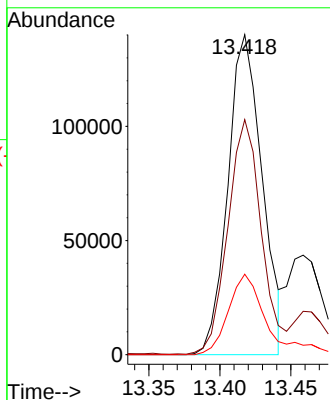
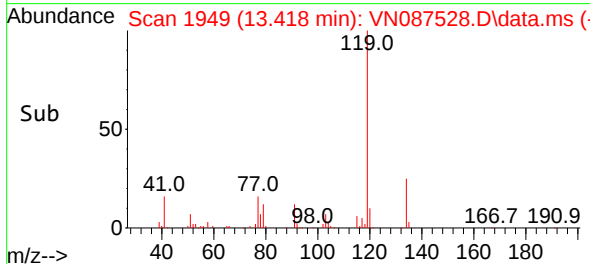
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01



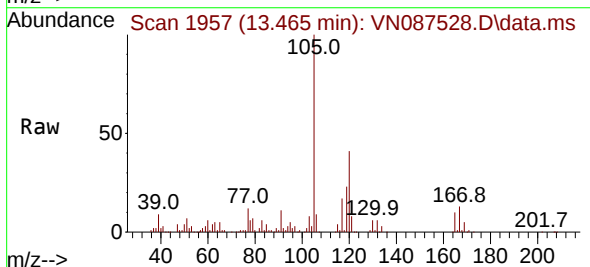
Tgt Ion:119 Resp: 235302
Ion Ratio Lower Upper
119 100
91 71.9 35.0 105.1
134 27.9 12.6 37.6

Manual Integrations
APPROVED

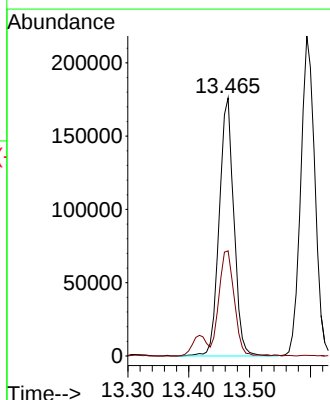
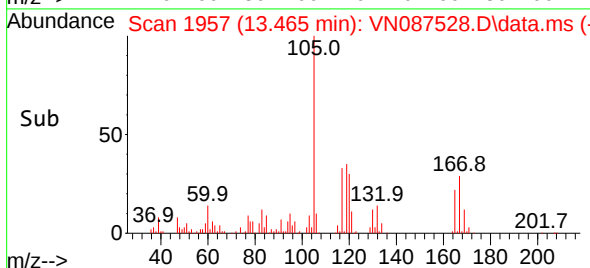
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

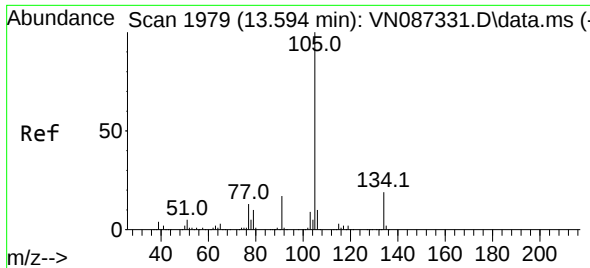


#84
1,2,4-Trimethylbenzene
Concen: 21.755 ug/l
RT: 13.465 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39



Tgt Ion:105 Resp: 293504
Ion Ratio Lower Upper
105 100
120 42.3 22.8 68.3





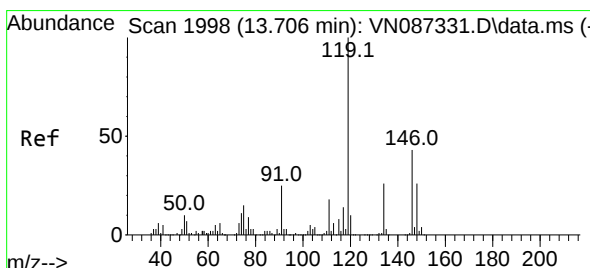
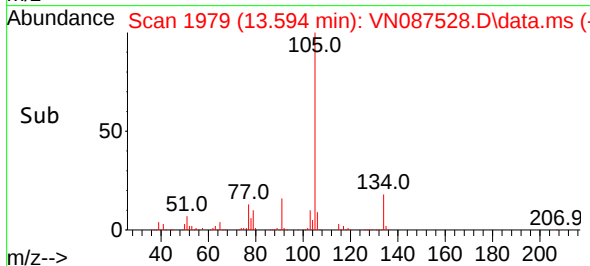
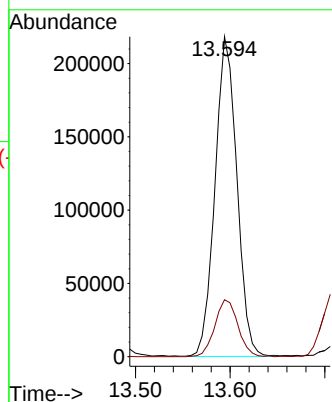
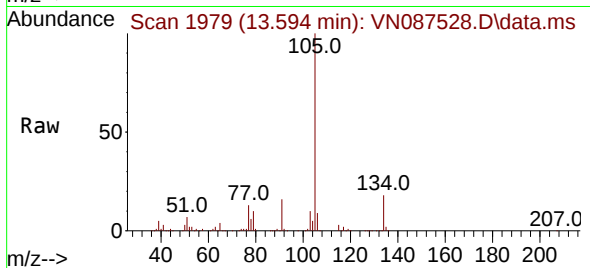
#85
 sec-Butylbenzene
 Concen: 21.102 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087528.D
 Acq: 13 Aug 2025 12:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

Tgt Ion:105 Resp: 35070
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.8 29.4

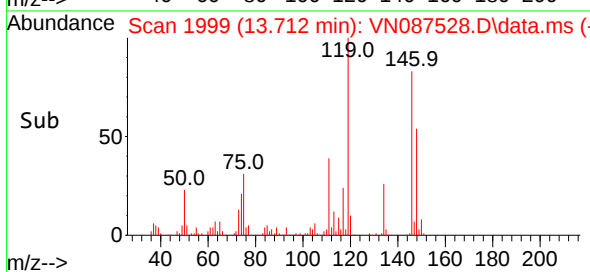
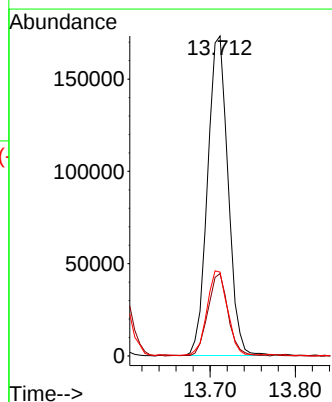
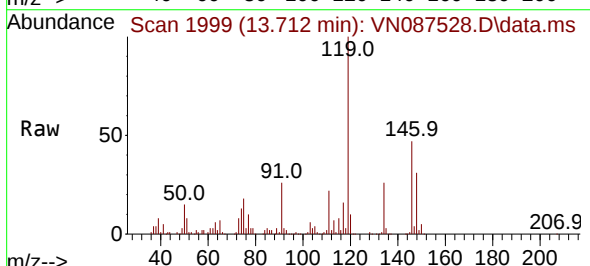
Manual Integrations
 APPROVED

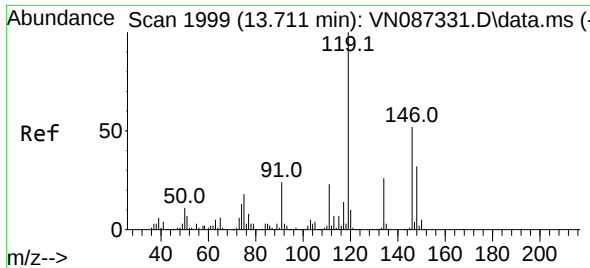
Reviewed By :John Carlone 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025



#86
 p-Isopropyltoluene
 Concen: 21.699 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.006 min
 Lab File: VN087528.D
 Acq: 13 Aug 2025 12:39

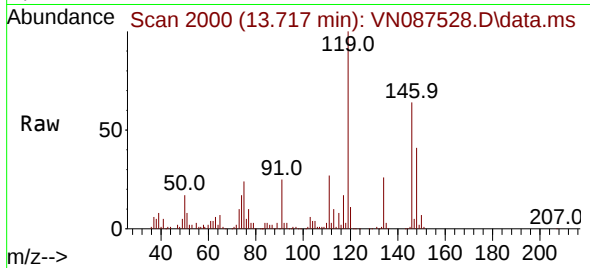
Tgt Ion:119 Resp: 289012
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.5 40.5
 91 26.2 12.2 36.6





#87
1,3-Dichlorobenzene
Concen: 19.015 ug/l
RT: 13.717 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

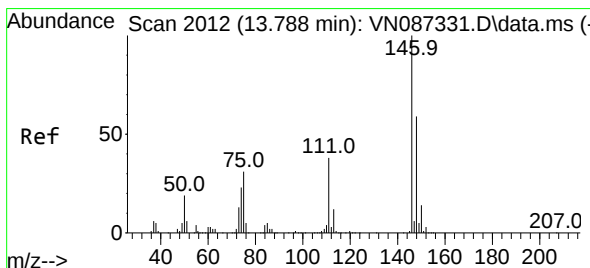
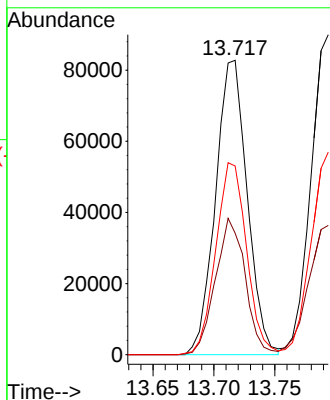
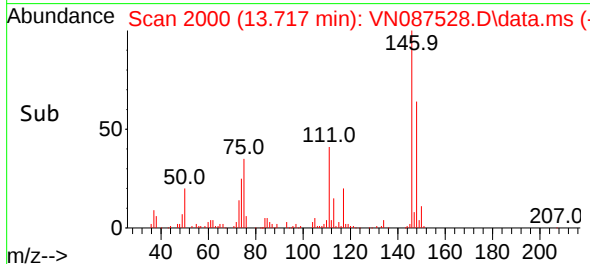
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01



Tgt Ion:146 Resp: 150068
Ion Ratio Lower Upper
146 100
111 43.6 21.4 64.3
148 63.5 31.6 95.0

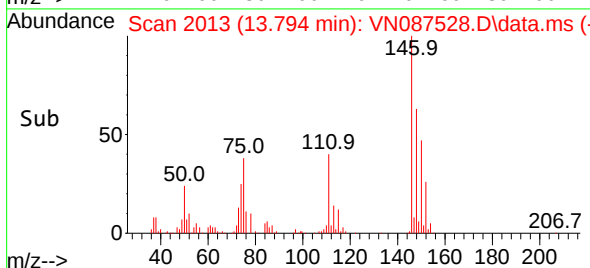
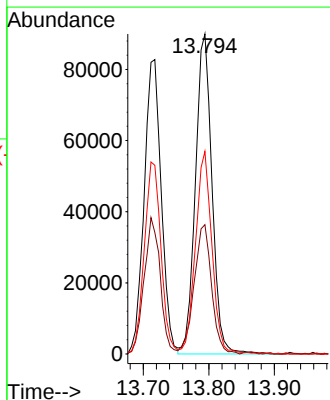
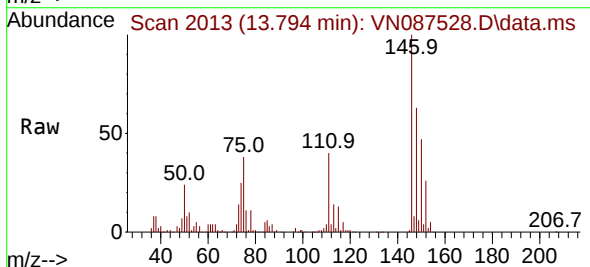
Manual Integrations
APPROVED

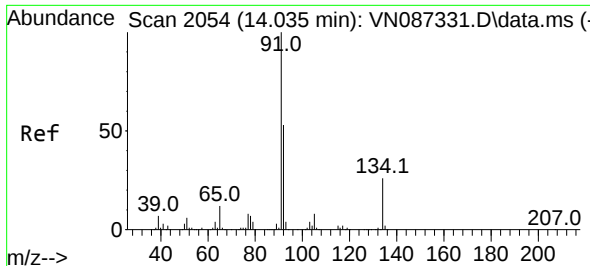
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#88
1,4-Dichlorobenzene
Concen: 18.806 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

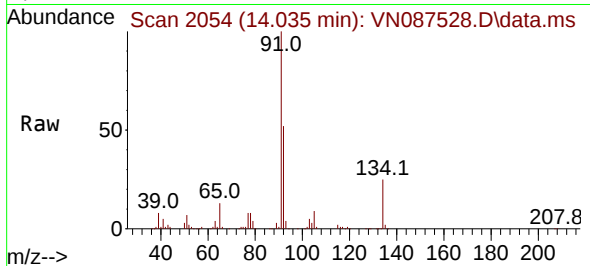
Tgt Ion:146 Resp: 158514
Ion Ratio Lower Upper
146 100
111 42.5 19.6 58.7
148 62.9 31.4 94.0





#89
n-Butylbenzene
Concen: 22.773 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

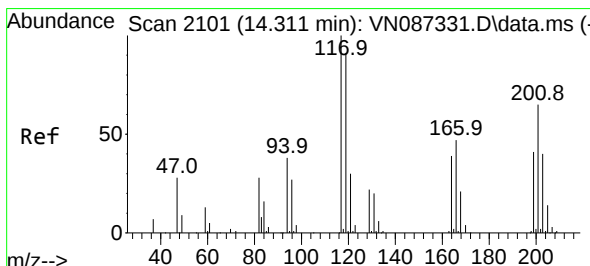
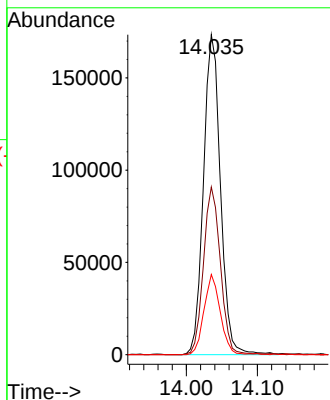
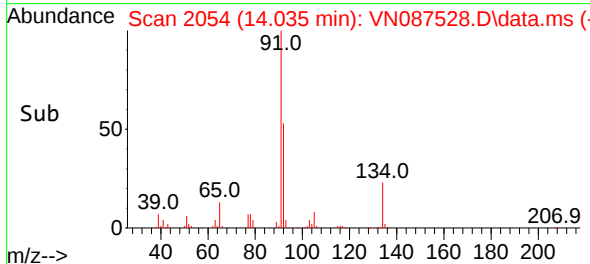
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01



Tgt Ion: 91 Resp: 28962
Ion Ratio Lower Upper
91 100
92 52.0 26.2 78.6
134 23.9 12.4 37.2

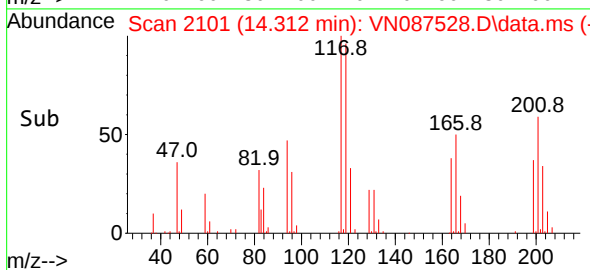
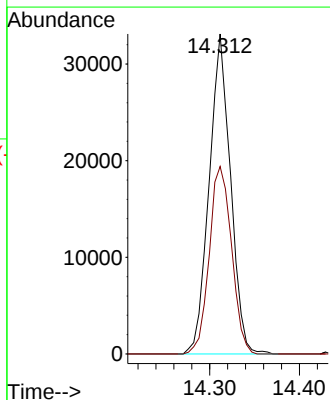
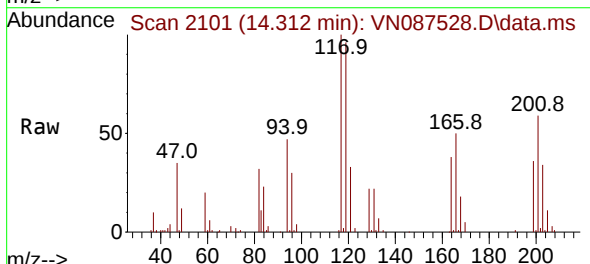
Manual Integrations
APPROVED

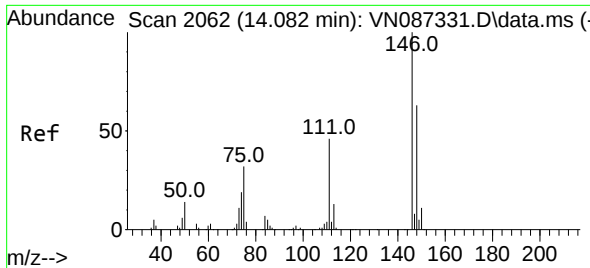
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#90
Hexachloroethane
Concen: 19.377 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

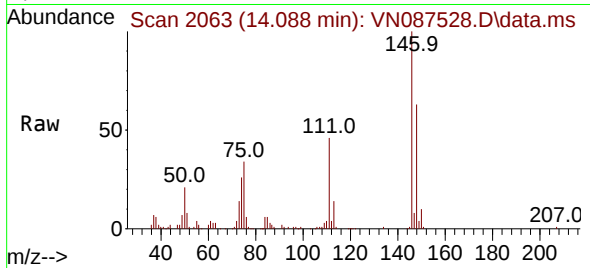
Tgt Ion:117 Resp: 54681
Ion Ratio Lower Upper
117 100
201 61.2 32.8 98.4





#91
1,2-Dichlorobenzene
Concen: 19.585 ug/l
RT: 14.088 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

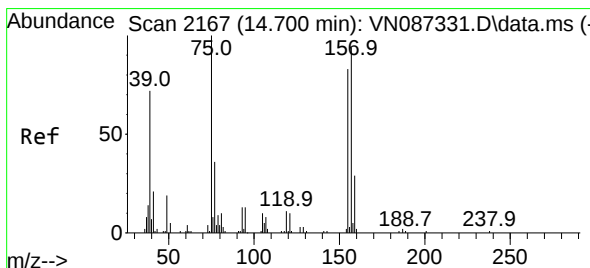
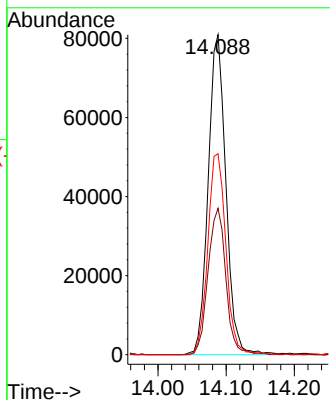
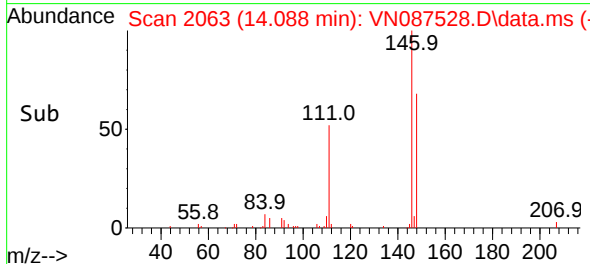
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01



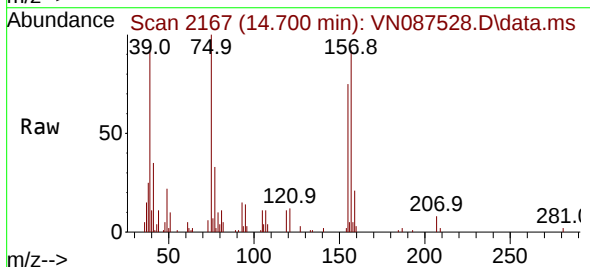
Tgt Ion:146 Resp: 146430
Ion Ratio Lower Upper
146 100
111 46.1 22.0 66.0
148 64.1 32.7 98.1

Manual Integrations
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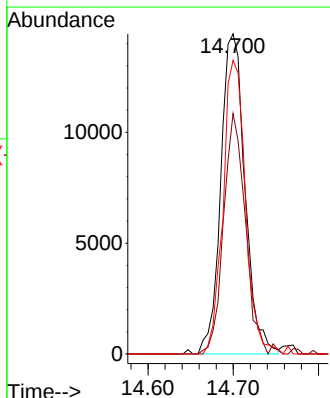
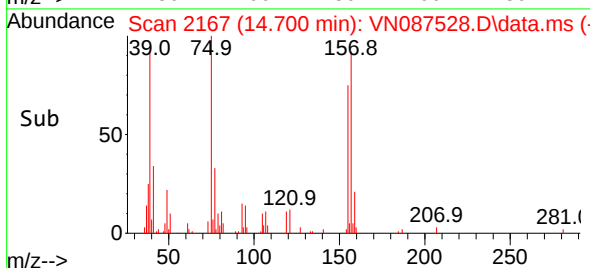
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

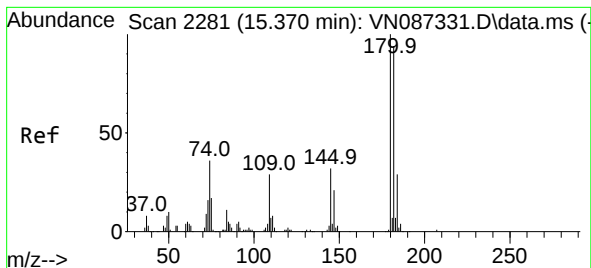


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.580 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39



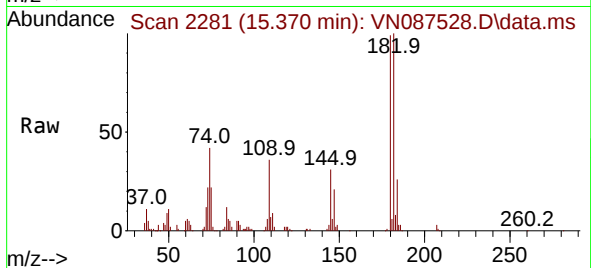
Tgt Ion: 75 Resp: 28461
Ion Ratio Lower Upper
75 100
155 67.3 37.3 111.8
157 84.7 46.2 138.6





#93
1,2,4-Trichlorobenzene
Concen: 20.154 ug/l
RT: 15.370 min Scan# 2281
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

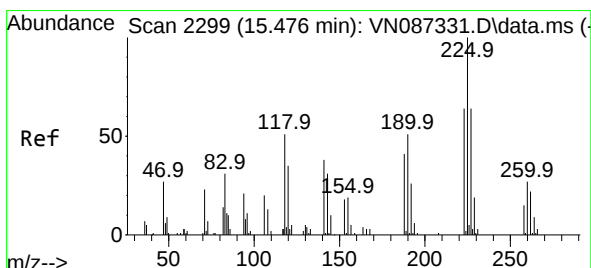
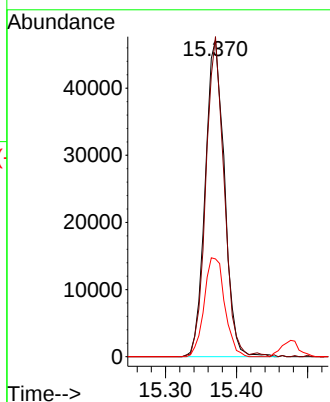
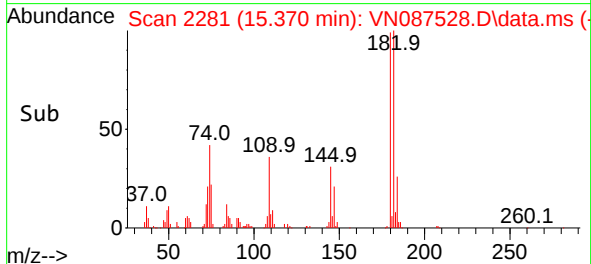
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01



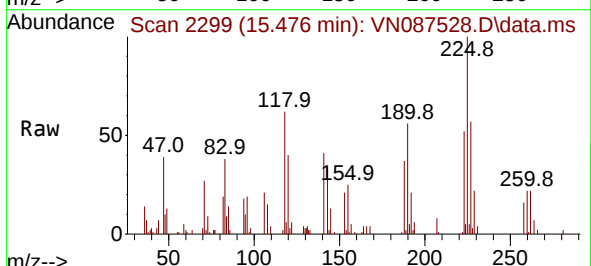
Tgt Ion:180 Resp: 88514
Ion Ratio Lower Upper
180 100
182 95.6 47.3 141.8
145 33.5 15.4 46.4

Manual Integrations
APPROVED

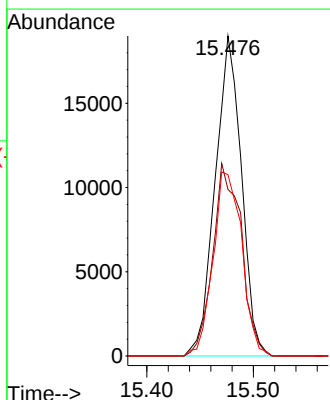
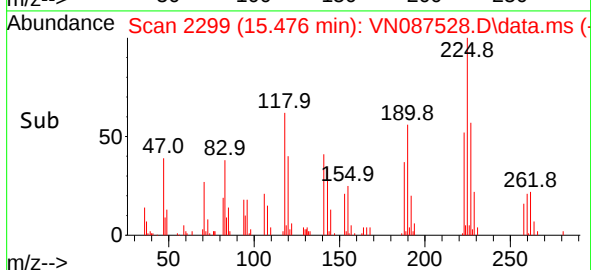
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

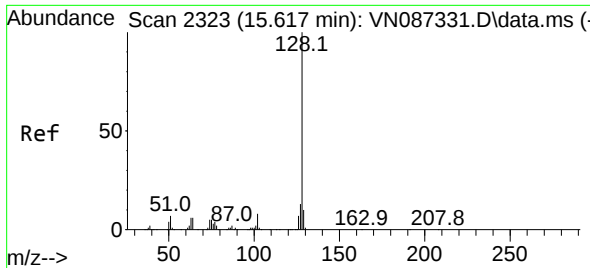


#94
Hexachlorobutadiene
Concen: 19.923 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39



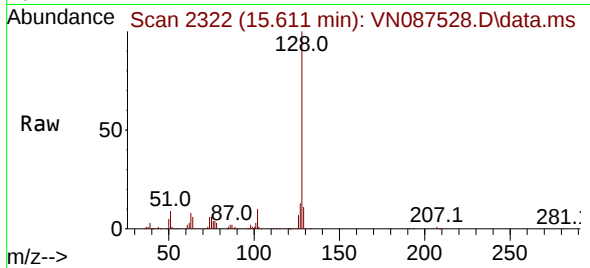
Tgt Ion:225 Resp: 32512
Ion Ratio Lower Upper
225 100
223 65.1 32.1 96.3
227 63.0 31.3 93.9





#95
Naphthalene
Concen: 20.256 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

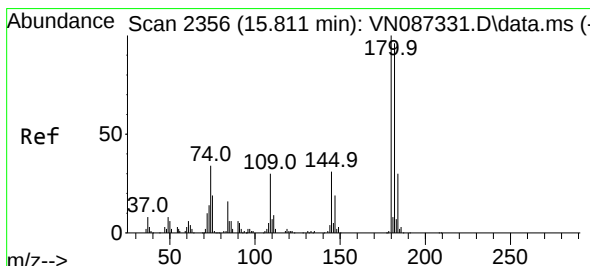
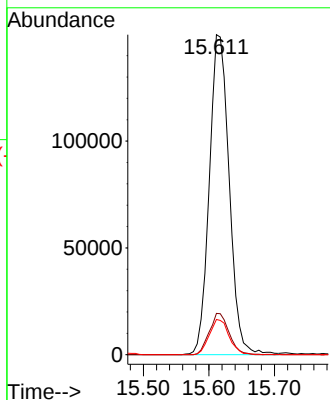
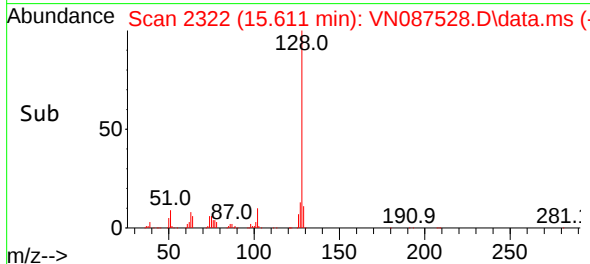
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBS01



Tgt Ion:128 Resp: 315158
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.9 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.946 ug/l
RT: 15.817 min Scan# 2357
Delta R.T. 0.006 min
Lab File: VN087528.D
Acq: 13 Aug 2025 12:39

Tgt Ion:180 Resp: 83466
Ion Ratio Lower Upper
180 100
182 97.4 47.1 141.4
145 36.2 16.9 50.6

