

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
 Data File : VN087328.D
 Acq On : 16 Jul 2025 17:05
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Jul 17 02:16:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:09:29 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025

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

Internal Standards						
1) Pentafluorobenzene	8.212	168	166177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	312474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	274838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	128808	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	77 - 121	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	1484	0.841	ug/l	98
3) Chloromethane	2.389	50	2372	1.069	ug/l	96
4) Vinyl Chloride	2.542	62	1841	0.835	ug/l #	68
6) Chloroethane	3.153	64	1316	0.915	ug/l	93
7) Trichlorofluoromethane	3.506	101	3187	0.977	ug/l	92
8) Diethyl Ether	3.965	74	1114	0.880	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.371	101	1539	0.919	ug/l #	31
12) 1,1-Dichloroethene	4.347	96	2112	1.113	ug/l #	53
14) Allyl chloride	5.012	41	3155m	0.919	ug/l	
15) Acrylonitrile	5.712	53	6965	4.794	ug/l #	80
16) Acetone	4.430	43	7566m	5.660	ug/l	
17) Carbon Disulfide	4.700	76	5602	0.996	ug/l #	71
18) Methyl Acetate	5.018	43	3347	1.008	ug/l #	74
19) Methyl tert-butyl Ether	5.789	73	6351m	0.908	ug/l	
20) Methylene Chloride	5.271	84	3679	1.019	ug/l #	74
21) trans-1,2-Dichloroethene	5.777	96	2216	1.036	ug/l #	53
22) Diisopropyl ether	6.659	45	5973	0.829	ug/l #	75
23) Vinyl Acetate	6.600	43	23617	3.749	ug/l #	93
24) 1,1-Dichloroethane	6.547	63	4333	1.043	ug/l #	83
25) 2-Butanone	7.477	43	9174	4.491	ug/l	99
26) 2,2-Dichloropropane	7.471	77	3368	1.043	ug/l #	67
27) cis-1,2-Dichloroethene	7.471	96	2340	0.950	ug/l	99
28) Bromochloromethane	7.794	49	1982	0.997	ug/l #	85
29) Tetrahydrofuran	7.835	42	5981	4.507	ug/l	94
30) Chloroform	7.953	83	3924	0.943	ug/l #	71
32) 1,1,1-Trichloroethane	8.165	97	3468	0.963	ug/l #	45
36) 1,1-Dichloropropene	8.353	75	2421	0.850	ug/l	96
37) Ethyl Acetate	7.547	43	3670	0.892	ug/l #	82
38) Carbon Tetrachloride	8.341	117	2833	0.903	ug/l #	83
39) Methylcyclohexane	9.588	83	2794	0.906	ug/l #	86
40) Benzene	8.588	78	8561	0.930	ug/l	97
41) Methacrylonitrile	7.771	41	1805	0.839	ug/l #	87
42) 1,2-Dichloroethane	8.653	62	3456	0.990	ug/l	89
43) Isopropyl Acetate	8.677	43	5865	0.919	ug/l #	95
44) Trichloroethene	9.341	130	2331	1.072	ug/l	70
45) 1,2-Dichloropropane	9.606	63	2094	0.895	ug/l #	86

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Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025

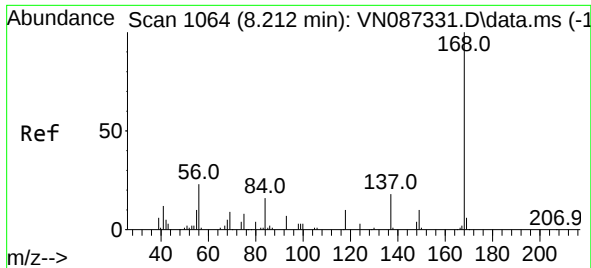
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:09:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.694	93	1657	0.946	ug/l #	87
47) Bromodichloromethane	9.871	83	3549	1.006	ug/l #	91
48) Methyl methacrylate	9.671	41	2322	0.808	ug/l	94
49) 1,4-Dioxane	9.682	88	696	15.810	ug/l #	53
51) 4-Methyl-2-Pentanone	10.429	43	17216	4.263	ug/l	91
52) Toluene	10.612	92	4834	0.864	ug/l	91
53) t-1,3-Dichloropropene	10.818	75	2869	0.804	ug/l #	56
54) cis-1,3-Dichloropropene	10.294	75	3059	0.830	ug/l	94
55) 1,1,2-Trichloroethane	11.000	97	2294	1.013	ug/l #	83
56) Ethyl methacrylate	10.859	69	2173	1.217	ug/l #	90
57) 1,3-Dichloropropane	11.141	76	3477	0.888	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.141	63	6887	3.707	ug/l	96
59) 2-Hexanone	11.182	43	8707	3.250	ug/l	87
60) Dibromochloromethane	11.347	129	2200	0.852	ug/l	82
61) 1,2-Dibromoethane	11.459	107	2291	0.962	ug/l	90
64) Tetrachloroethene	11.088	164	1807	1.022	ug/l #	75
65) Chlorobenzene	11.870	112	6259	1.014	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.941	131	1783	0.850	ug/l #	50
67) Ethyl Benzene	11.941	91	9031	0.889	ug/l	92
68) m/p-Xylenes	12.053	106	5952	1.565	ug/l	97
69) o-Xylene	12.388	106	2700	0.743	ug/l	91
70) Styrene	12.400	104	3989	0.653	ug/l	91
71) Bromoform	12.559	173	1351	0.797	ug/l #	94
73) Isopropylbenzene	12.682	105	6501	0.802	ug/l	95
74) N-amyl acetate	12.841	43	3372m	1.065	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	2986	0.979	ug/l #	78
76) 1,2,3-Trichloropropane	12.976	75	3113m	1.089	ug/l	
77) Bromobenzene	12.953	156	1724	0.820	ug/l	79
78) n-propylbenzene	13.017	91	8378	0.821	ug/l	95
79) 2-Chlorotoluene	13.100	91	5372	0.857	ug/l	93
80) 1,3,5-Trimethylbenzene	13.147	105	5329	0.772	ug/l	93
82) 4-Chlorotoluene	13.200	91	5733	0.878	ug/l	96
83) tert-Butylbenzene	13.412	119	4588	0.795	ug/l	90
84) 1,2,4-Trimethylbenzene	13.464	105	5671	0.804	ug/l	87
85) sec-Butylbenzene	13.594	105	8037	0.925	ug/l	97
86) p-Isopropyltoluene	13.712	119	5360	0.770	ug/l	92
87) 1,3-Dichlorobenzene	13.712	146	3731	0.904	ug/l	89
88) 1,4-Dichlorobenzene	13.794	146	4655m	1.056	ug/l	
89) n-Butylbenzene	14.035	91	5869	0.883	ug/l	91
90) Hexachloroethane	14.317	117	1527	1.035	ug/l	87
91) 1,2-Dichlorobenzene	14.088	146	3358	0.859	ug/l	85
92) 1,2-Dibromo-3-Chloropr...	14.711	75	874	1.091	ug/l #	56
93) 1,2,4-Trichlorobenzene	15.376	180	1960	0.854	ug/l	78
94) Hexachlorobutadiene	15.476	225	903	1.058	ug/l	76
95) Naphthalene	15.611	128	6404	0.787	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.806	180	2068	0.898	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

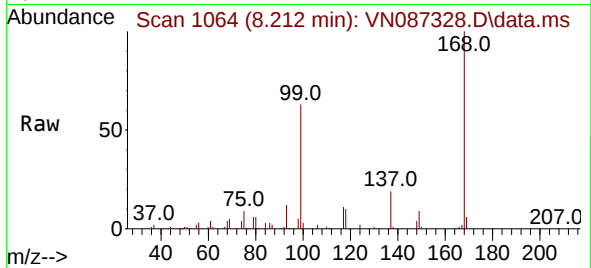
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

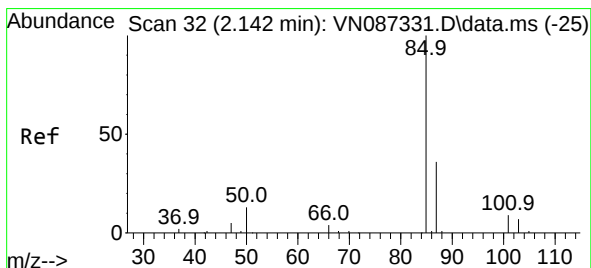
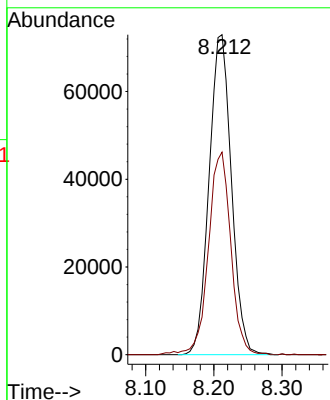
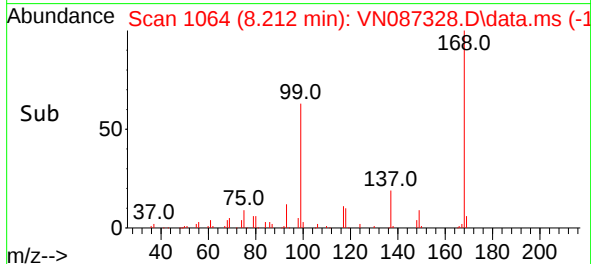
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion:168 Resp: 16617
Ion Ratio Lower Upper
168 100
99 63.3 47.9 71.9

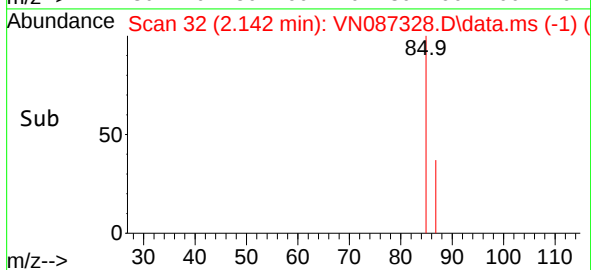
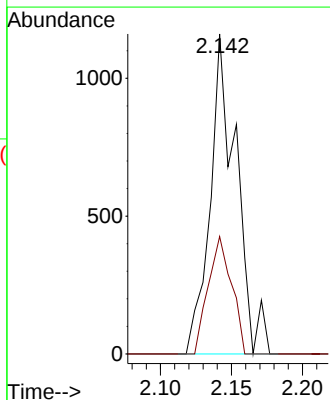
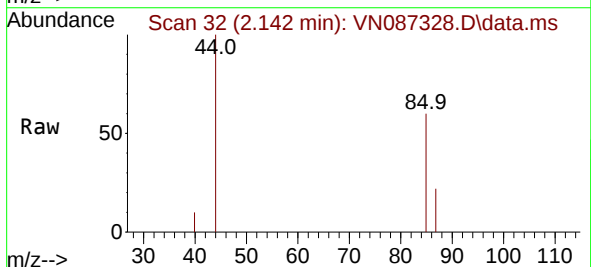
Manual Integrations
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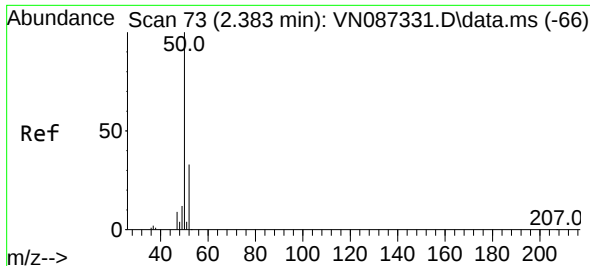
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#2
Dichlorodifluoromethane
Concen: 0.841 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

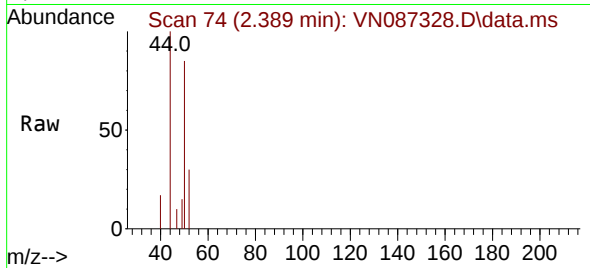
Tgt Ion: 85 Resp: 1484
Ion Ratio Lower Upper
85 100
87 36.7 17.8 53.3





#3
Chloromethane
Concen: 1.069 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

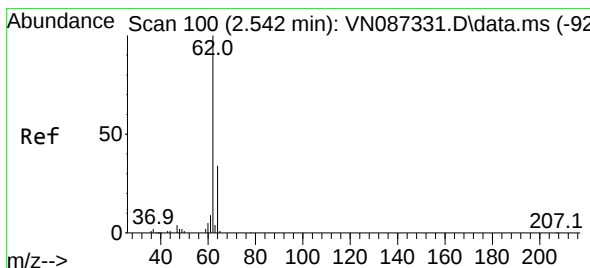
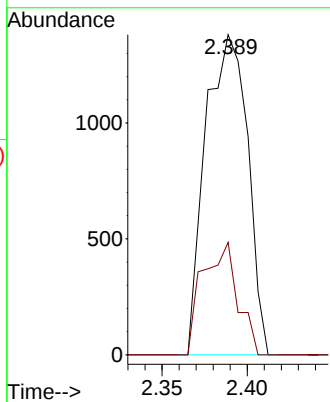
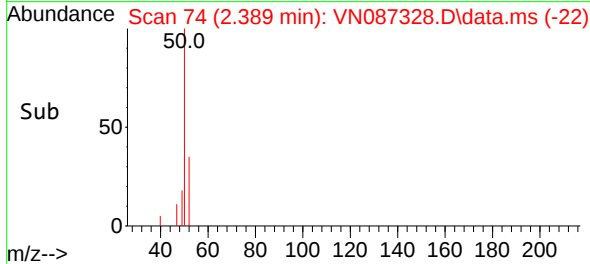
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



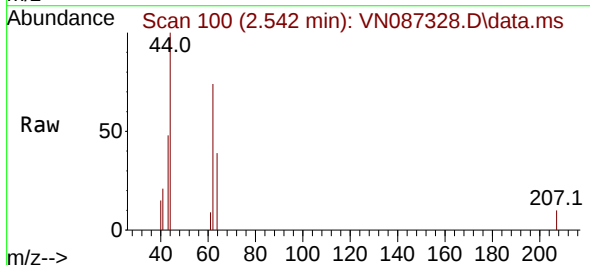
Tgt Ion: 50 Resp: 237
Ion Ratio Lower Upper
50 100
52 35.1 26.3 39.5

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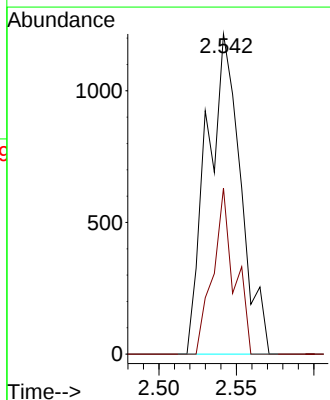
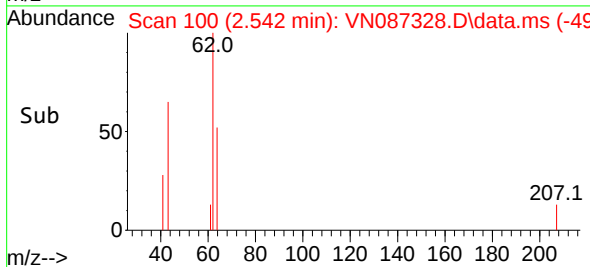
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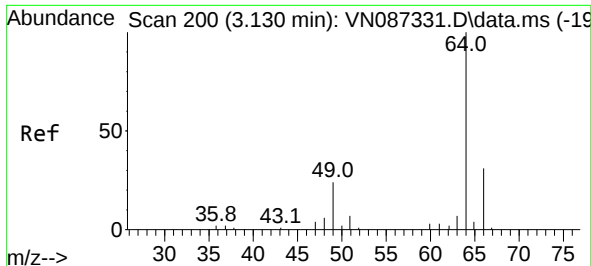


#4
Vinyl Chloride
Concen: 0.835 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05



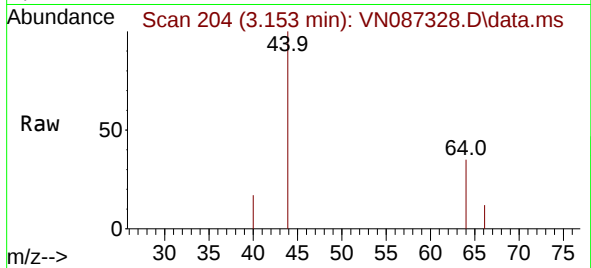
Tgt Ion: 62 Resp: 1841
Ion Ratio Lower Upper
62 100
64 51.9 27.0 40.6





#6
Chloroethane
Concen: 0.915 ug/l
RT: 3.153 min Scan# 204
Delta R.T. 0.024 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

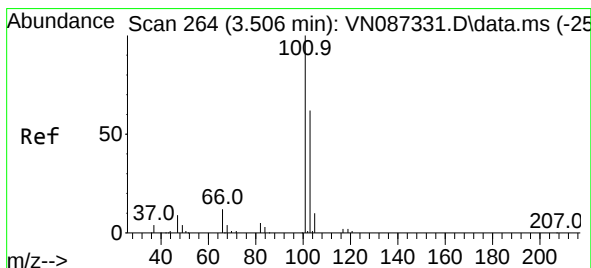
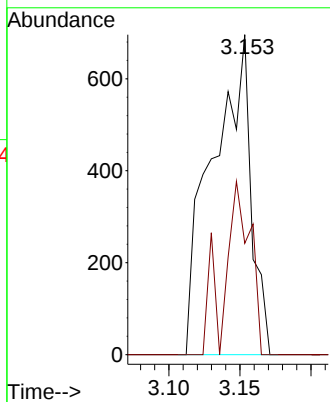
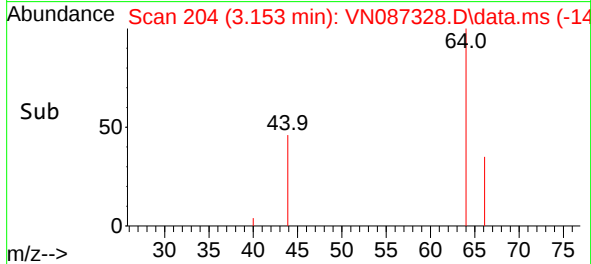
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 64 Resp: 1310
Ion Ratio Lower Upper
64 100
66 34.8 24.6 36.8

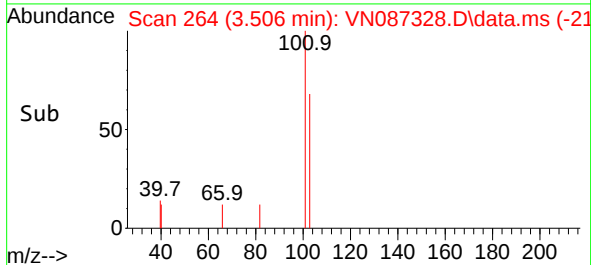
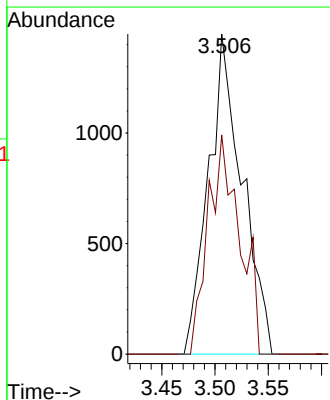
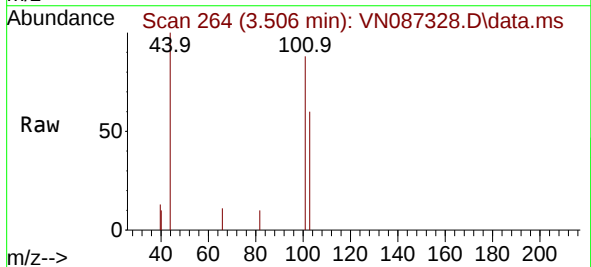
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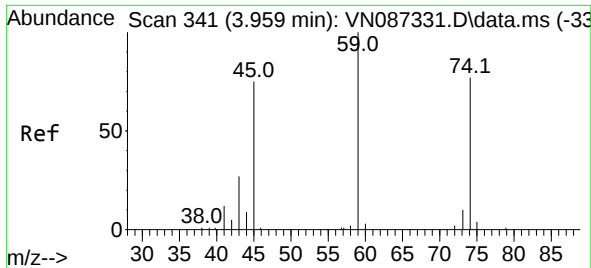
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#7
Trichlorofluoromethane
Concen: 0.977 ug/l
RT: 3.506 min Scan# 264
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion:101 Resp: 3187
Ion Ratio Lower Upper
101 100
103 68.4 49.8 74.6





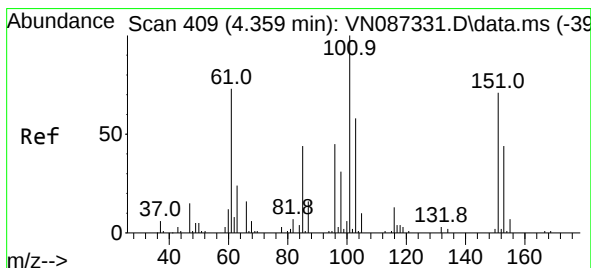
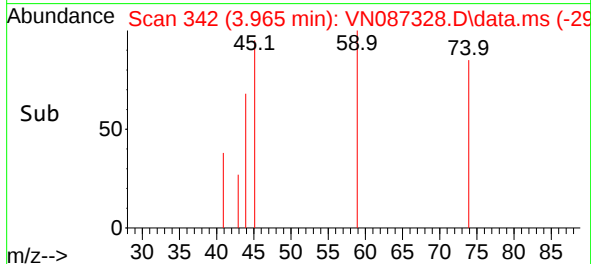
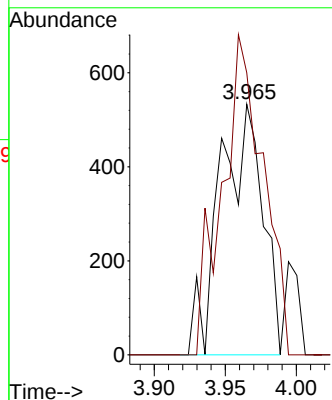
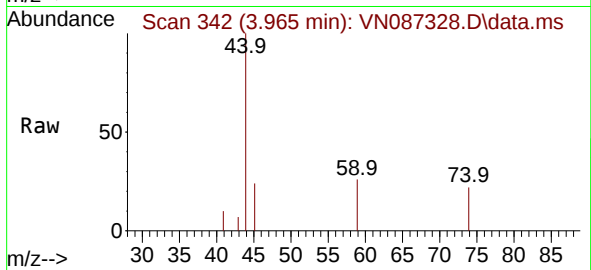
#8
Diethyl Ether
Concen: 0.880 ug/l
RT: 3.965 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 74 Resp: 1114
Ion Ratio Lower Upper
74 100
45 122.6 50.8 152.5

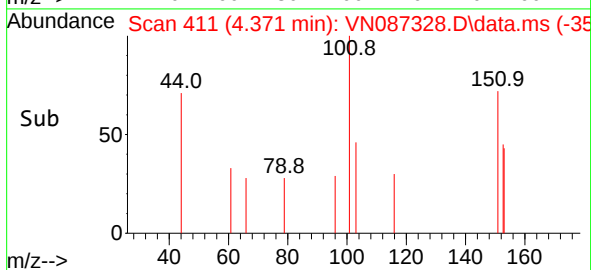
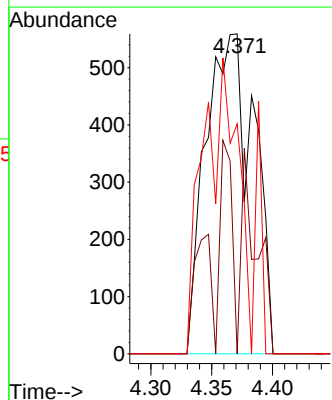
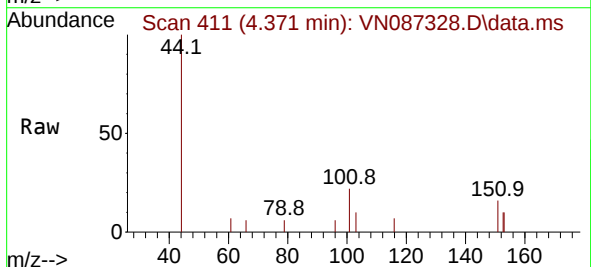
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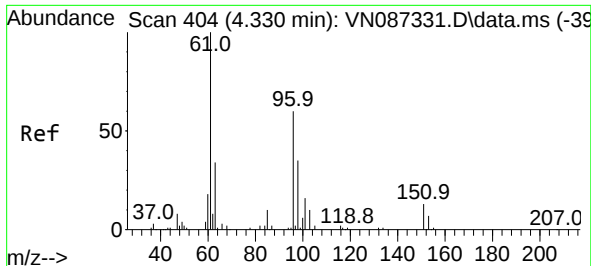
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.919 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

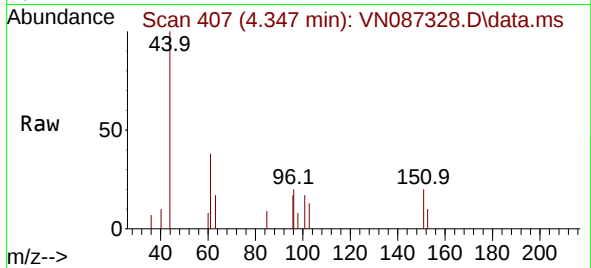
Tgt Ion:101 Resp: 1539
Ion Ratio Lower Upper
101 100
85 20.5 37.3 55.9#
151 0.0 58.9 88.3#





#12
1,1-Dichloroethene
Concen: 1.113 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.018 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

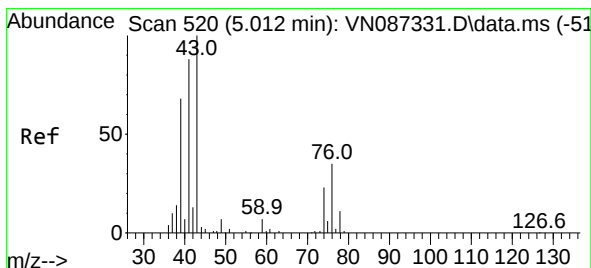
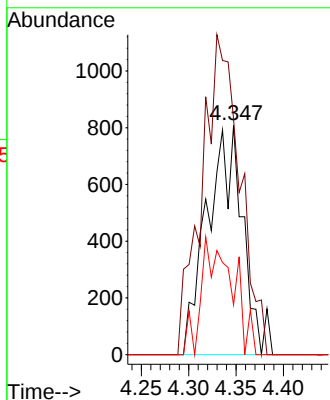
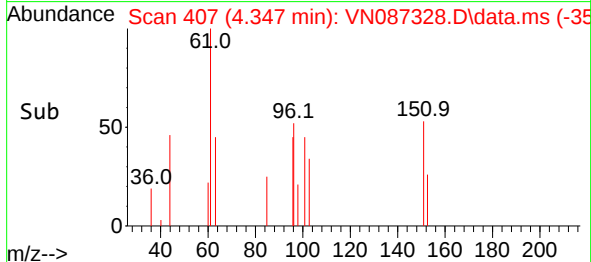
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 96 Resp: 211
Ion Ratio Lower Upper
96 100
61 102.7 132.3 198.5
98 21.8 46.8 70.2

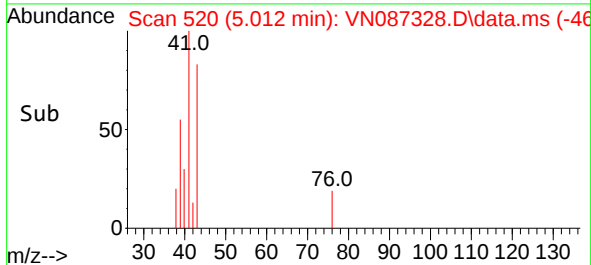
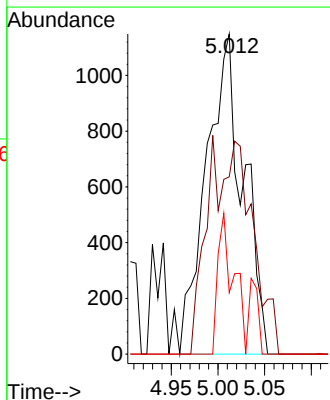
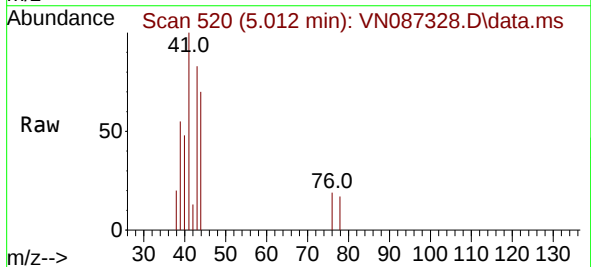
Manual Integrations
APPROVED

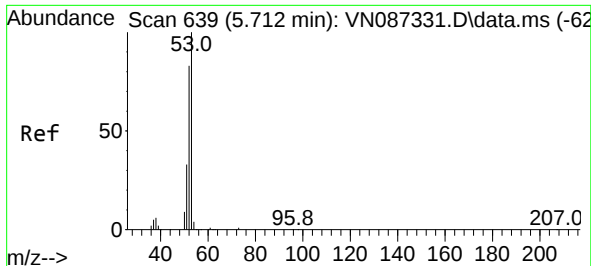
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#14
Allyl chloride
Concen: 0.919 ug/l m
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

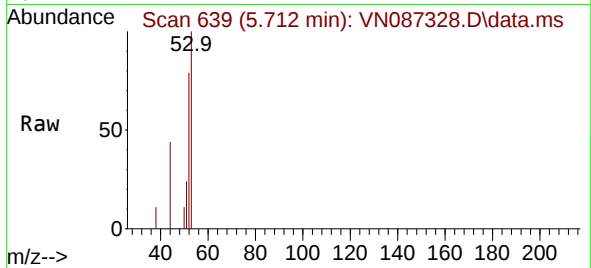
Tgt Ion: 41 Resp: 3155
Ion Ratio Lower Upper
41 100
39 46.1 59.0 88.6#
76 18.6 28.7 43.1#





#15
Acrylonitrile
Concen: 4.794 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

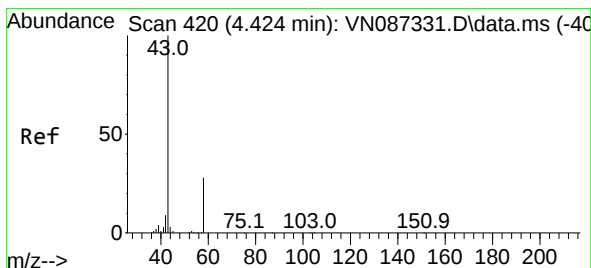
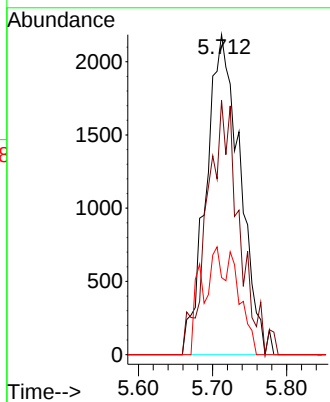
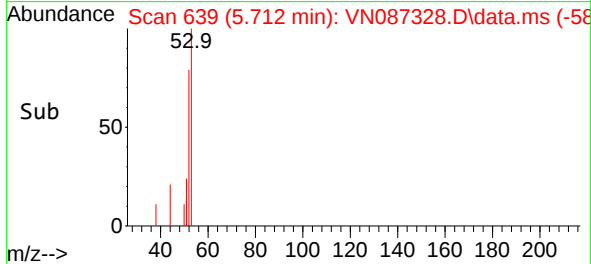
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 53 Resp: 696
Ion Ratio Lower Upper
53 100
52 75.2 65.5 98.3
51 7.2 28.7 43.1

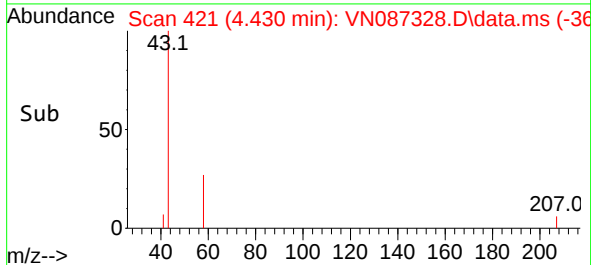
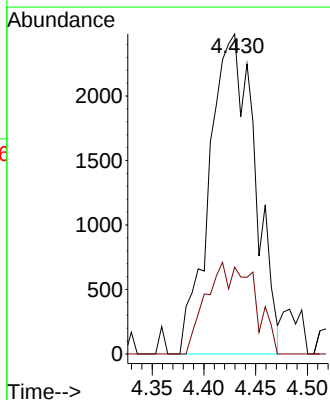
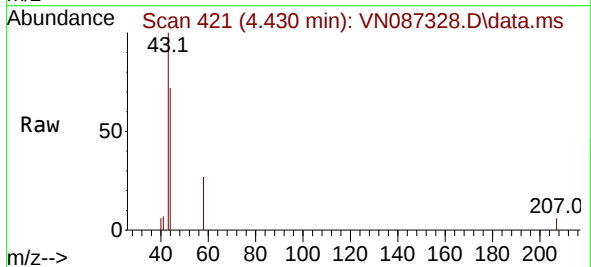
Manual Integrations
APPROVED

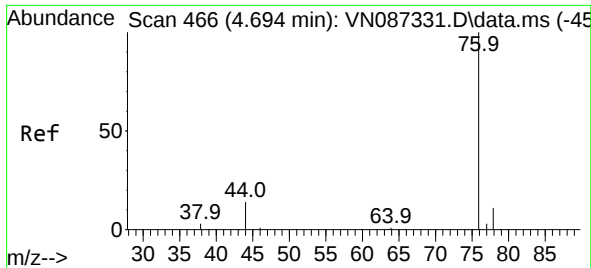
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#16
Acetone
Concen: 5.660 ug/l m
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 43 Resp: 7566
Ion Ratio Lower Upper
43 100
58 27.2 22.3 33.5





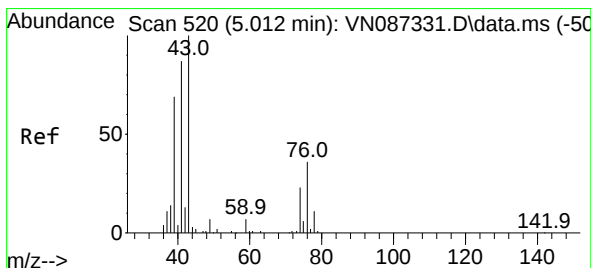
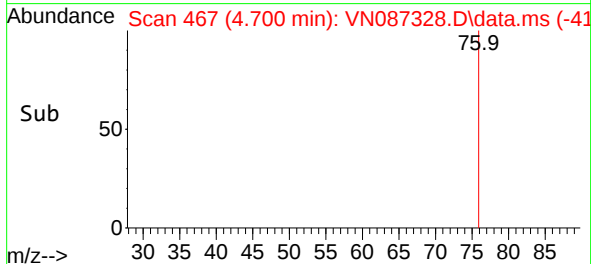
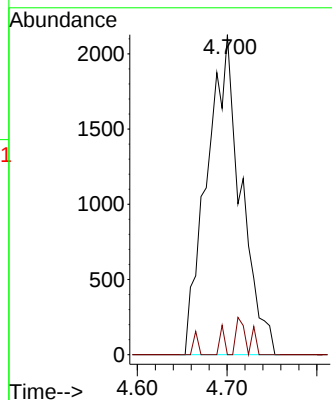
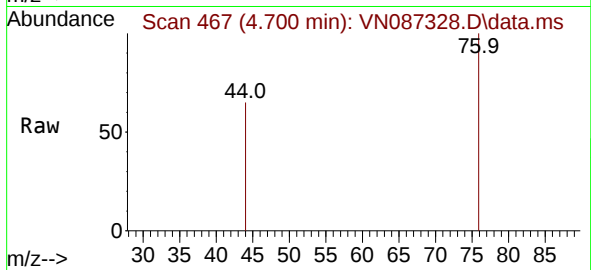
#17
Carbon Disulfide
Concen: 0.996 ug/l
RT: 4.700 min Scan# 466
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 76 Resp: 560
Ion Ratio Lower Upper
76 100
78 0.0 8.6 13.0

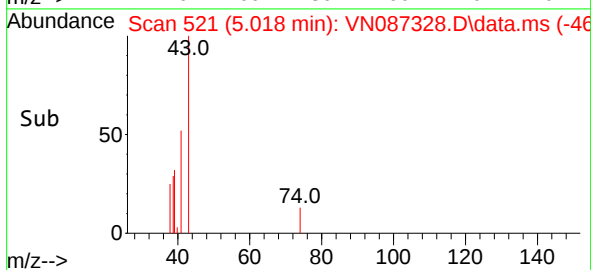
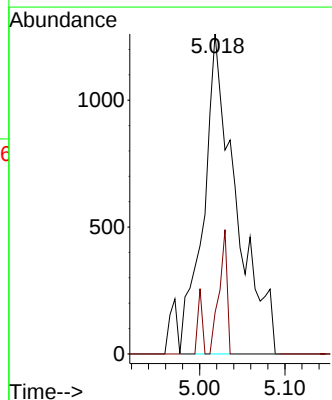
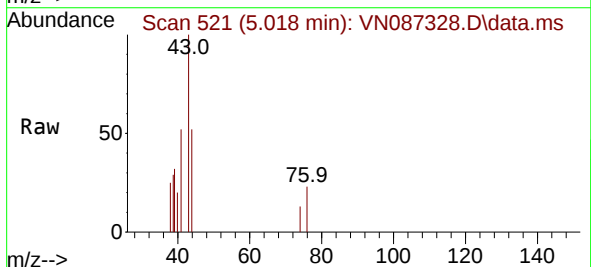
Manual Integrations
APPROVED

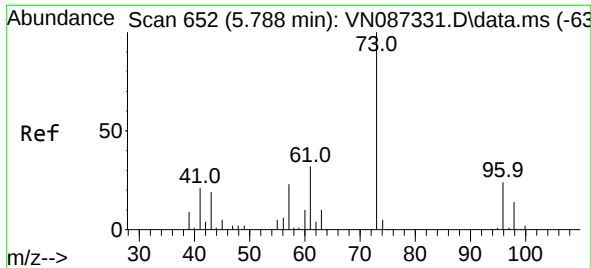
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#18
Methyl Acetate
Concen: 1.008 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 43 Resp: 3347
Ion Ratio Lower Upper
43 100
74 9.5 17.8 26.6





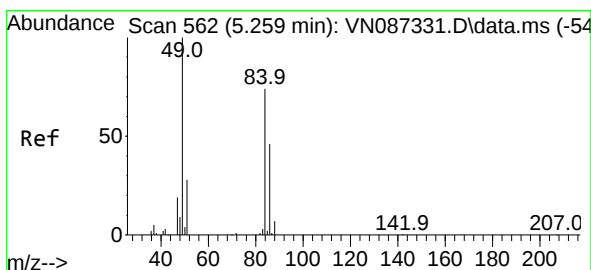
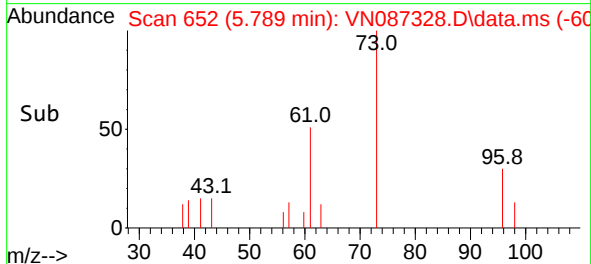
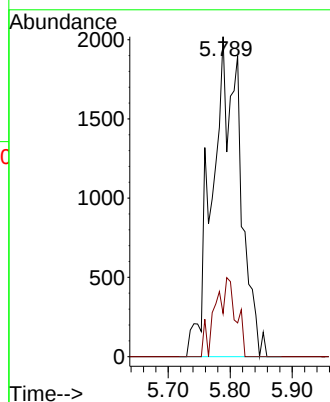
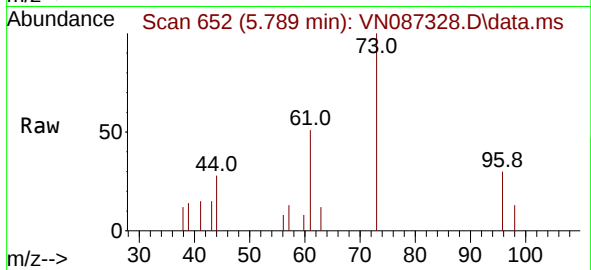
#19
Methyl tert-butyl Ether
Concen: 0.908 ug/l m
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 635
Ion Ratio Lower Upper
73 100
57 13.5 18.6 27.8

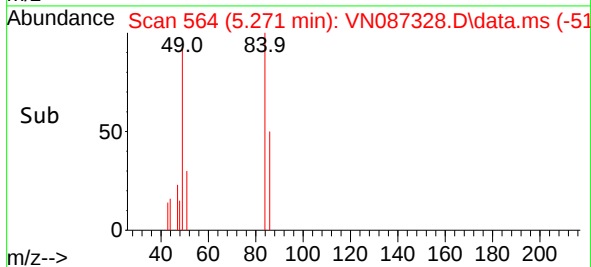
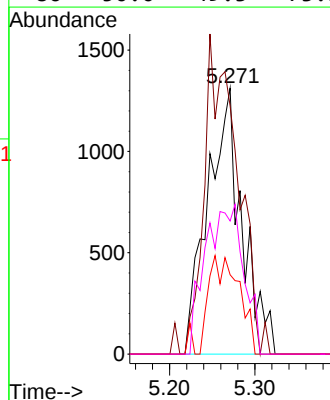
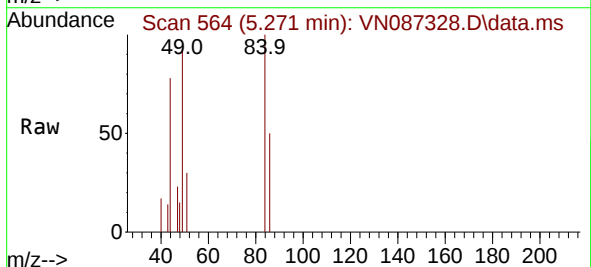
Manual Integrations
APPROVED

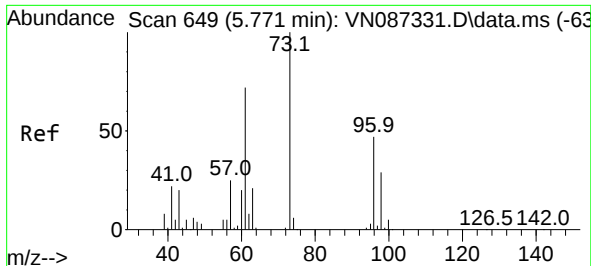
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#20
Methylene Chloride
Concen: 1.019 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.012 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 84 Resp: 3679
Ion Ratio Lower Upper
84 100
49 93.3 107.5 161.3#
51 29.8 30.2 45.2#
86 50.0 49.3 73.9





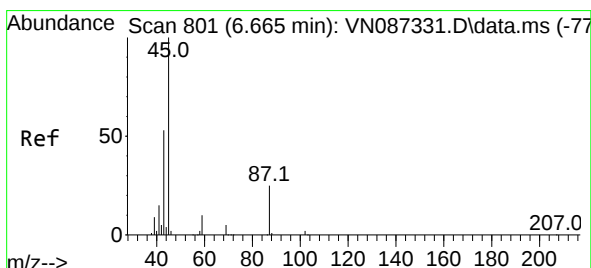
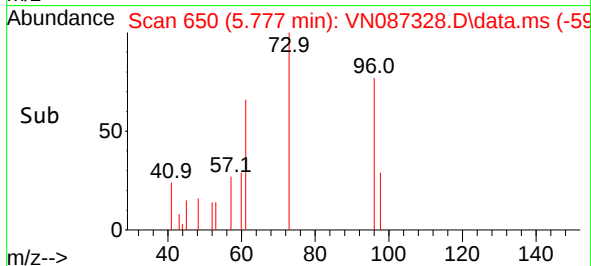
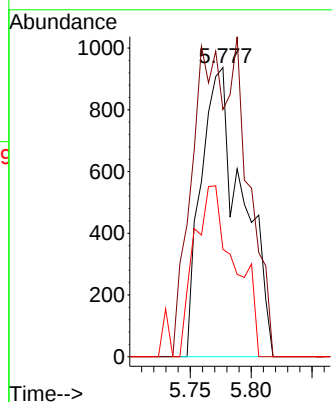
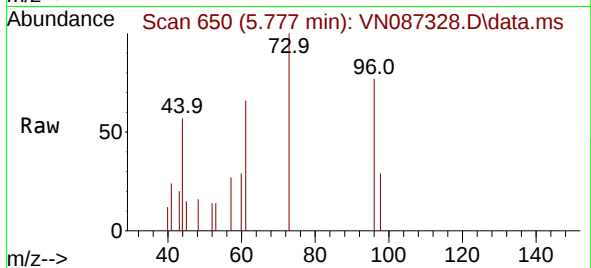
#21
trans-1,2-Dichloroethene
Concen: 1.036 ug/l
RT: 5.777 min Scan# 649
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 96 Resp: 2210
Ion Ratio Lower Upper
96 100
61 85.5 122.0 183.0#
98 37.1 50.0 75.0#

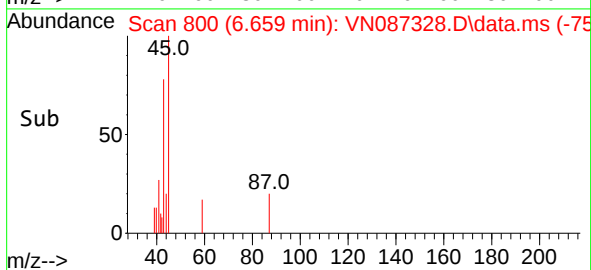
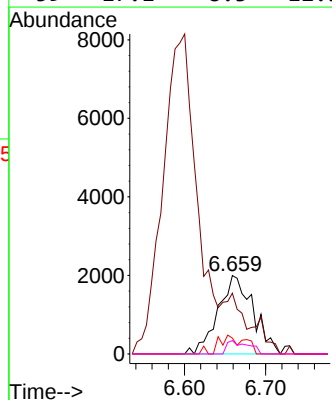
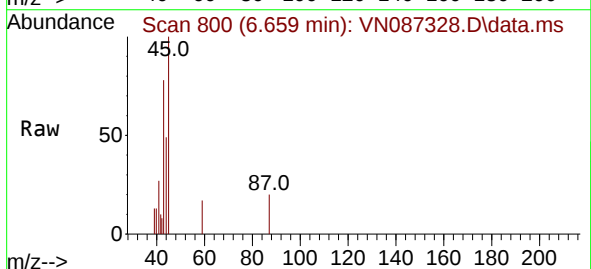
Manual Integrations
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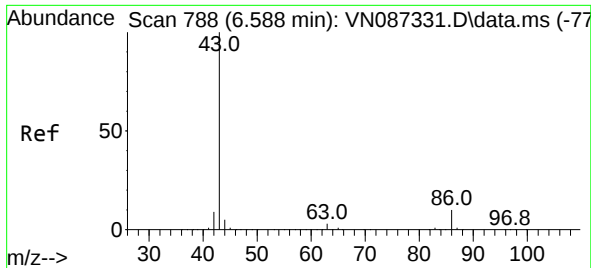
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#22
Diisopropyl ether
Concen: 0.829 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 45 Resp: 5973
Ion Ratio Lower Upper
45 100
43 77.6 42.8 64.2#
87 20.3 19.8 29.6
59 17.1 8.3 12.5#





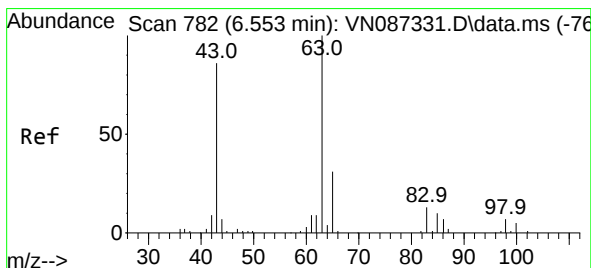
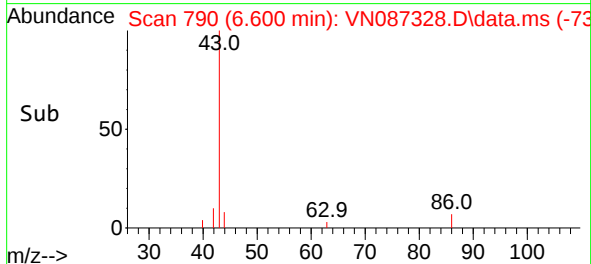
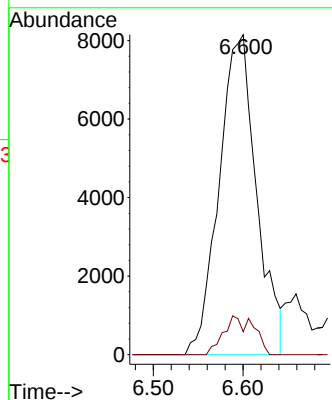
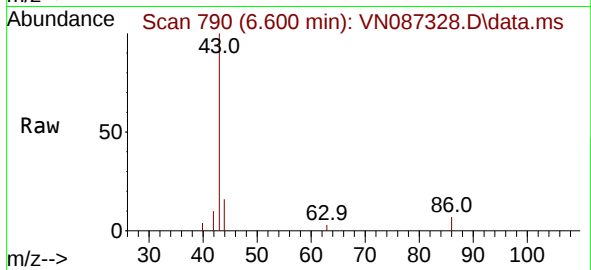
#23
 Vinyl Acetate
 Concen: 3.749 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.012 min
 Lab File: VN087328.D
 Acq: 16 Jul 2025 17:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 43 Resp: 2361
 Ion Ratio Lower Upper
 43 100
 86 7.1 7.7 11.5

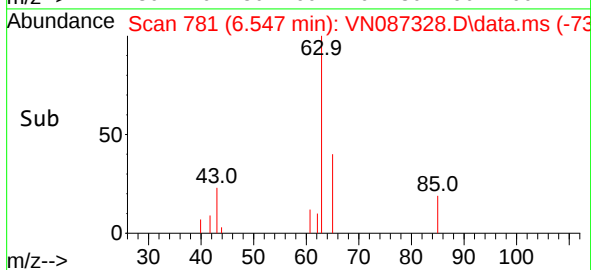
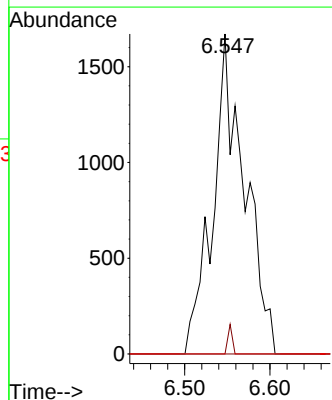
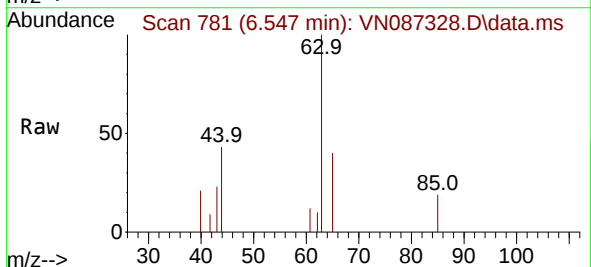
Manual Integrations
 APPROVED

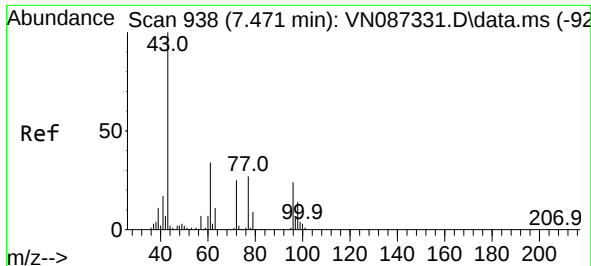
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025



#24
 1,1-Dichloroethane
 Concen: 1.043 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.006 min
 Lab File: VN087328.D
 Acq: 16 Jul 2025 17:05

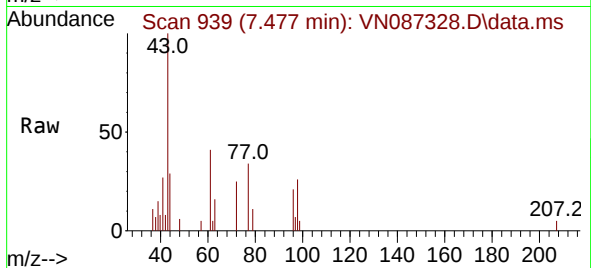
Tgt Ion: 63 Resp: 4333
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.9#
 100 0.0 2.5 7.4#





#25
2-Butanone
Concen: 4.491 ug/l
RT: 7.477 min Scan# 9174
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

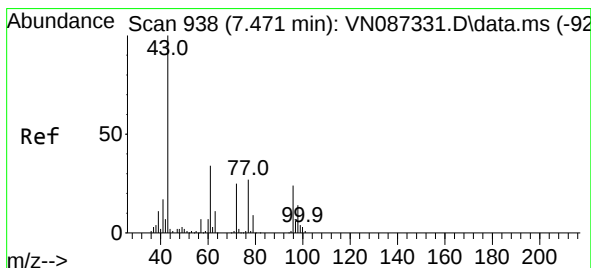
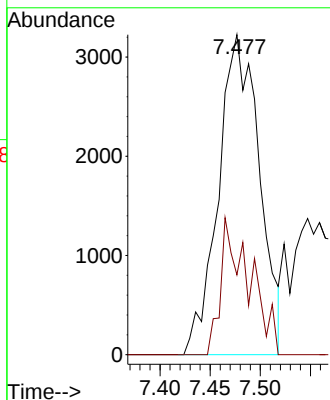
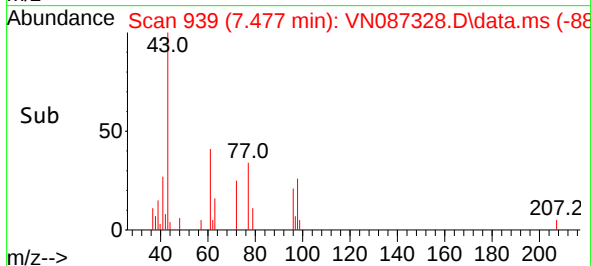
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



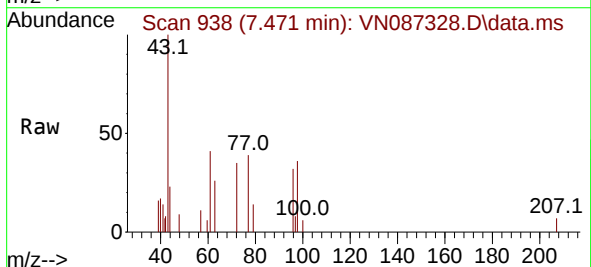
Tgt Ion: 43 Resp: 9174
Ion Ratio Lower Upper
43 100
72 24.9 19.6 29.4

Manual Integrations
APPROVED

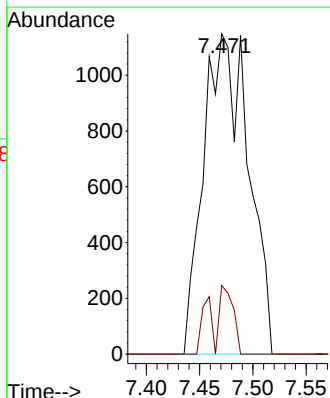
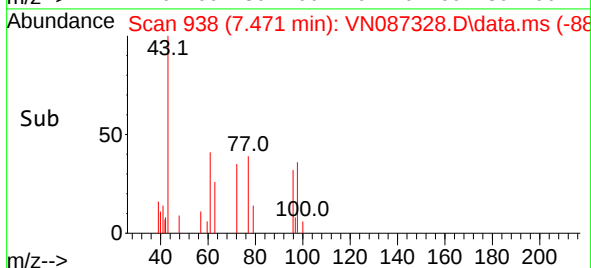
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

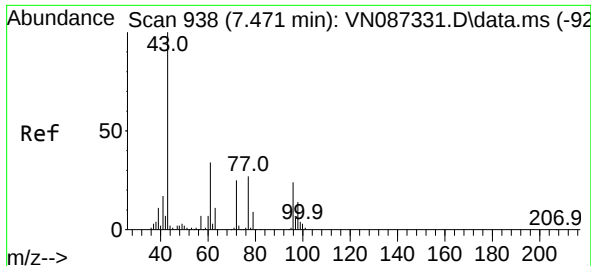


#26
2,2-Dichloropropane
Concen: 1.043 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05



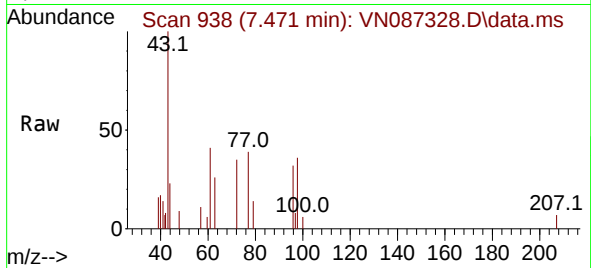
Tgt Ion: 77 Resp: 3368
Ion Ratio Lower Upper
77 100
97 6.5 11.1 33.1#





#27
 cis-1,2-Dichloroethene
 Concen: 0.950 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087328.D
 Acq: 16 Jul 2025 17:05

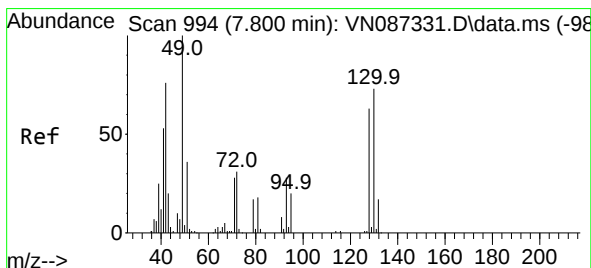
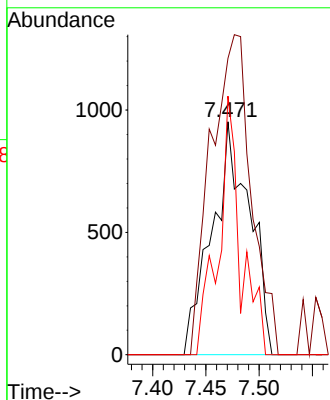
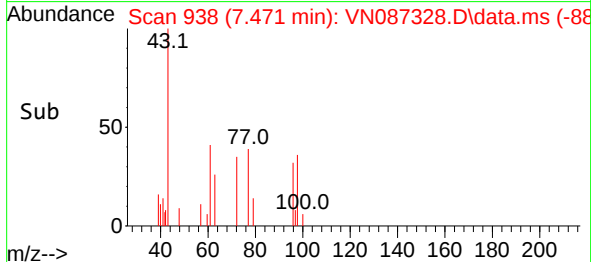
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001



Tgt Ion: 96 Resp: 2340
 Ion Ratio Lower Upper
 96 100
 61 147.9 0.0 297.8
 98 65.5 0.0 132.4

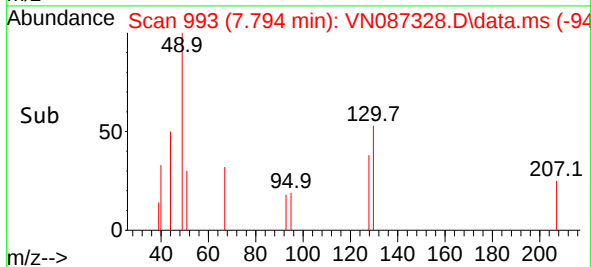
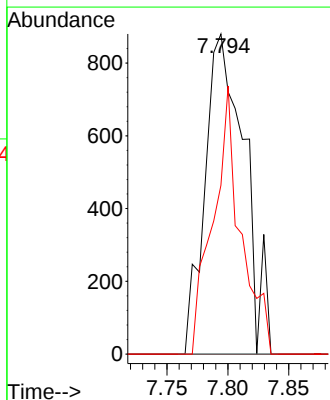
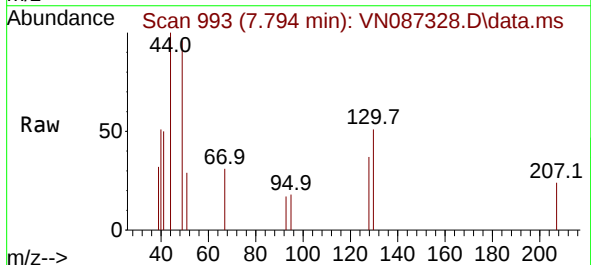
Manual Integrations
 APPROVED

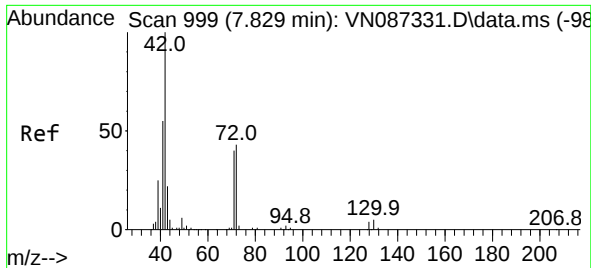
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025



#28
 Bromochloromethane
 Concen: 0.997 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087328.D
 Acq: 16 Jul 2025 17:05

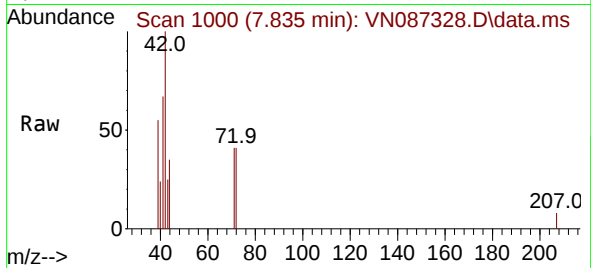
Tgt Ion: 49 Resp: 1982
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.2
 130 58.7 57.3 85.9





#29
Tetrahydrofuran
Concen: 4.507 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

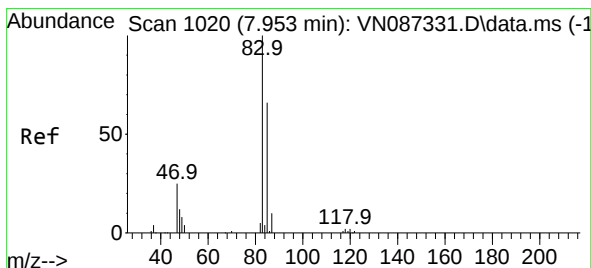
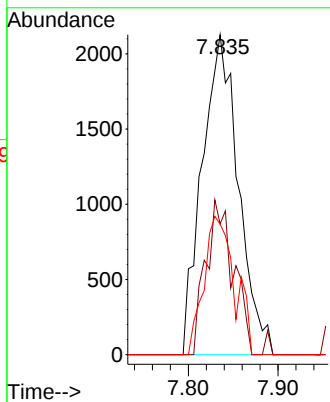
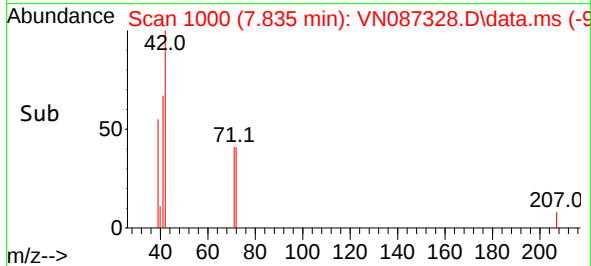
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 42 Resp: 598
Ion Ratio Lower Upper
42 100
72 37.1 33.4 50.0
71 36.3 31.2 46.8

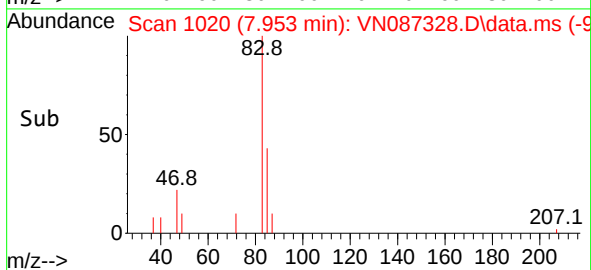
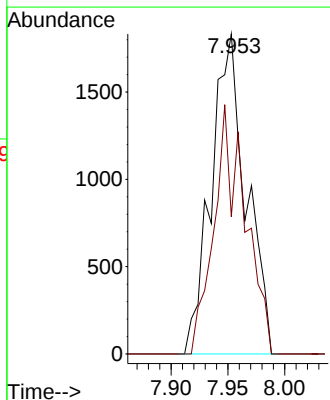
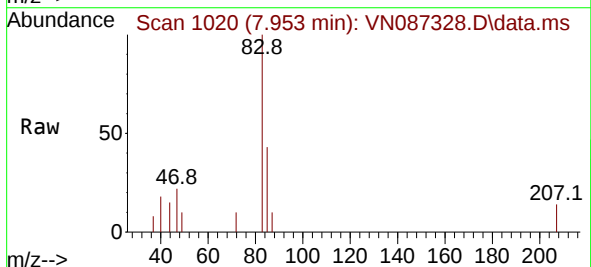
Manual Integrations
APPROVED

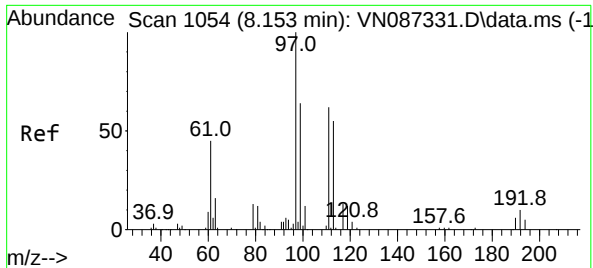
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#30
Chloroform
Concen: 0.943 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

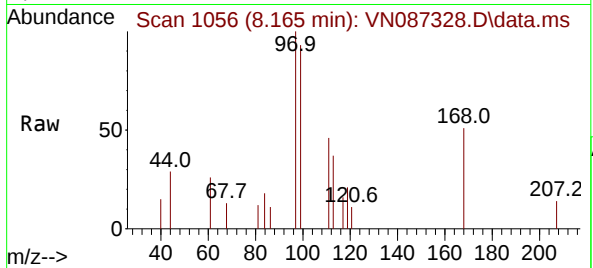
Tgt Ion: 83 Resp: 3924
Ion Ratio Lower Upper
83 100
85 42.9 52.7 79.1#





#32
 1,1,1-Trichloroethane
 Concen: 0.963 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.012 min
 Lab File: VN087328.D
 Acq: 16 Jul 2025 17:05

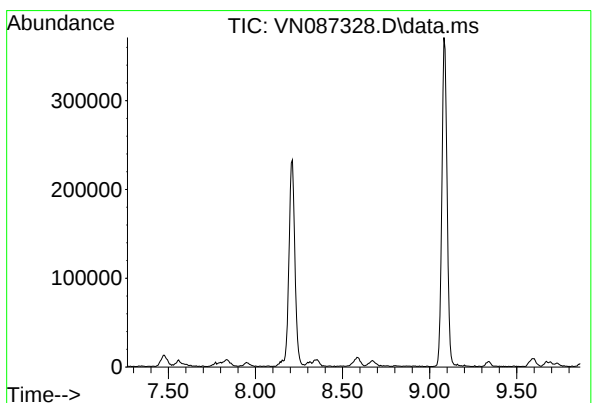
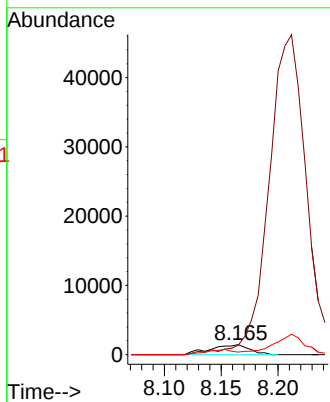
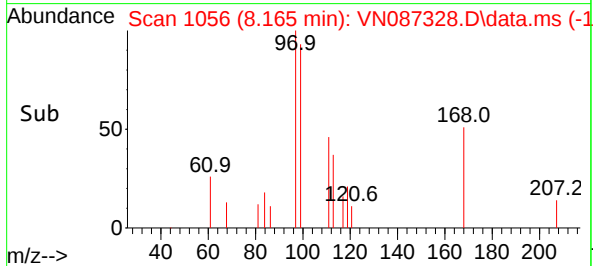
Instrument : MSVOA_N
 ClientSampleId : VSTDICC001



Tgt Ion: 97 Resp: 3468
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.8 77.8
 61 36.3 38.7 58.1

Manual Integrations
 APPROVED

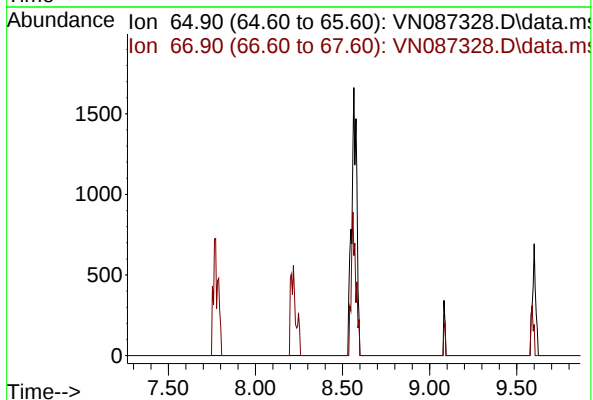
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025

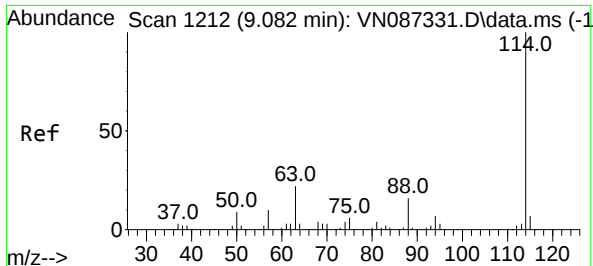


#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.56 min

Lab File: VN087328.D
 Acq: 16 Jul 2025 17:05

Tgt Ion: 65
 Sig Exp Ratio
 65 100
 67 52.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087328.D

Acq: 16 Jul 2025 17:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:114 Resp: 312474

Ion Ratio Lower Upper

114 100

63 22.7 0.0 44.6

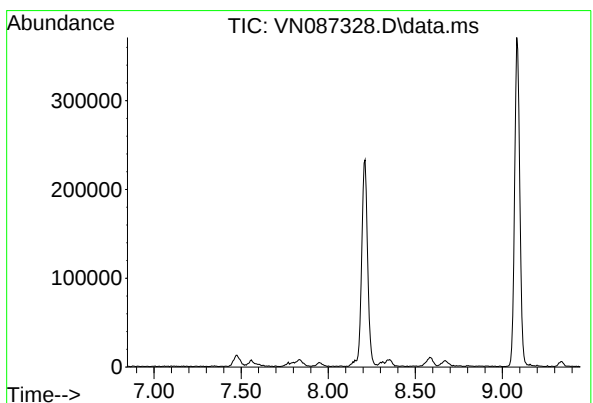
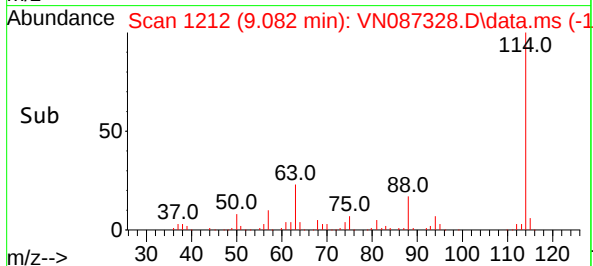
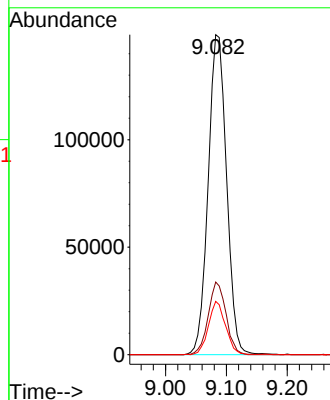
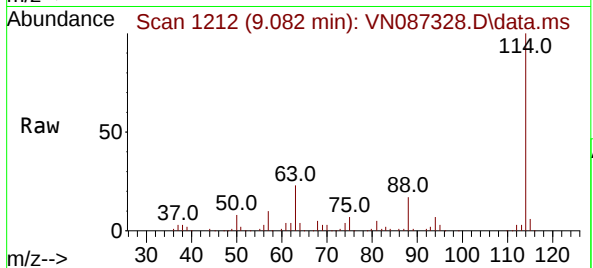
88 16.7 0.0 32.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 8.15 min

Lab File: VN087328.D

Acq: 16 Jul 2025 17:05

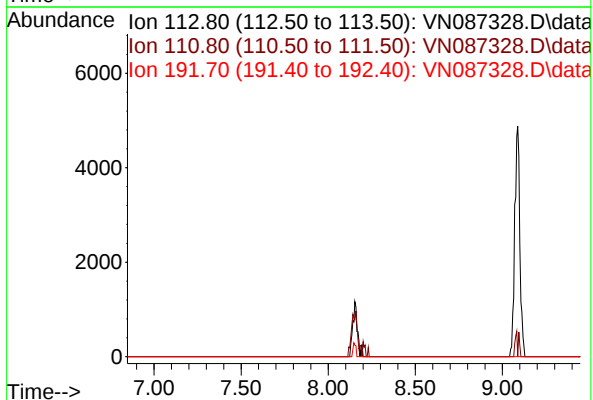
Tgt Ion: 113

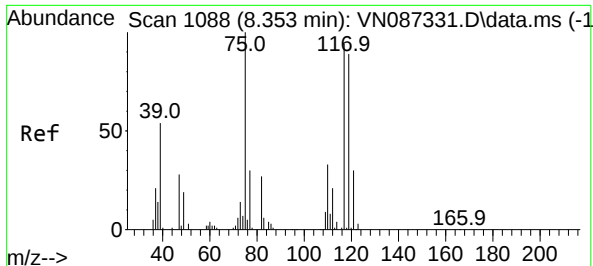
Sig Exp Ratio

113 100

111 103.1

192 17.1





#36

1,1-Dichloropropene

Concen: 0.850 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087328.D

Acq: 16 Jul 2025 17:05

Instrument :

MSVOA_N

ClientSampleId :

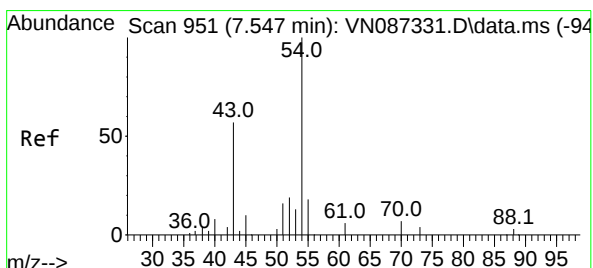
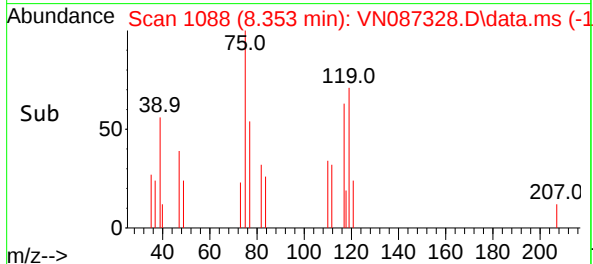
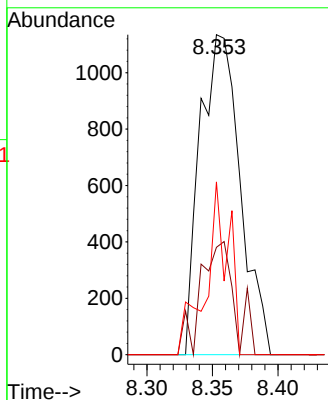
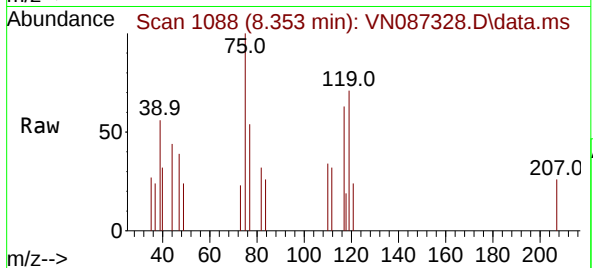
VSTDICC001

Tgt Ion:	75	Resp:	242
Ion	Ratio	Lower	Upper
75	100		
110	29.6	16.7	50.1
77	30.6	25.2	37.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#37

Ethyl Acetate

Concen: 0.892 ug/l

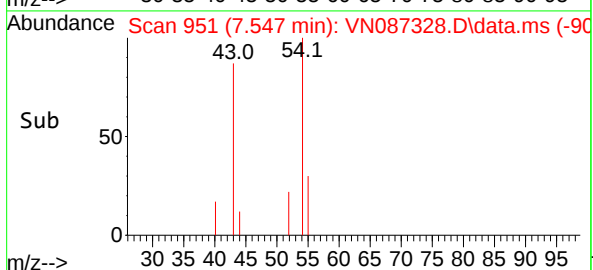
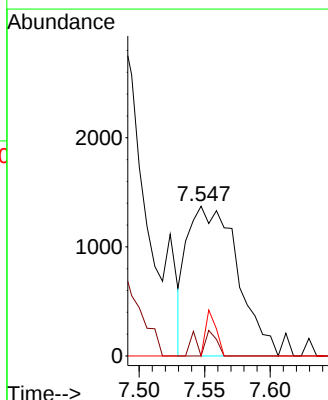
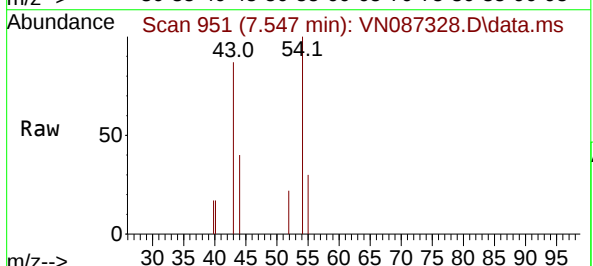
RT: 7.547 min Scan# 951

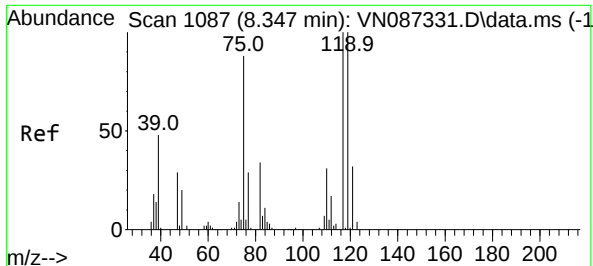
Delta R.T. 0.000 min

Lab File: VN087328.D

Acq: 16 Jul 2025 17:05

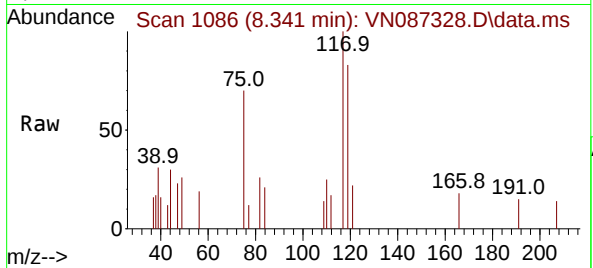
Tgt Ion:	43	Resp:	3670
Ion	Ratio	Lower	Upper
43	100		
61	3.7	10.9	16.3#
70	6.5	7.4	11.0#





#38
Carbon Tetrachloride
Concen: 0.903 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

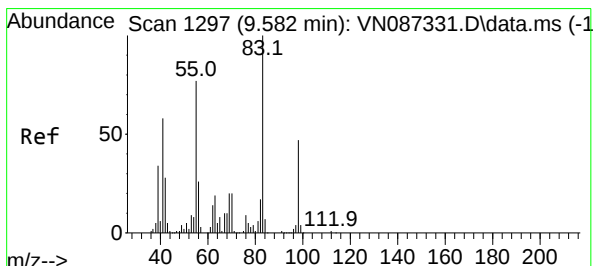
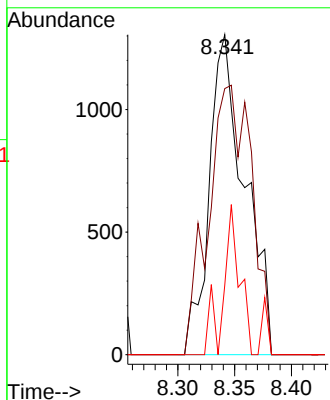
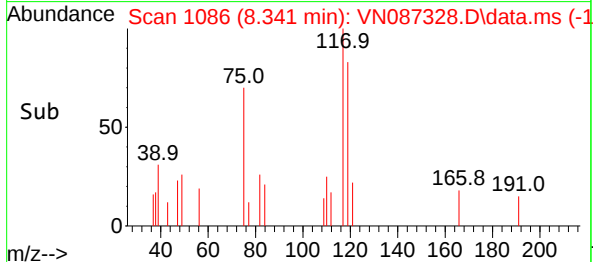
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 117 Resp: 283
Ion Ratio Lower Upper
117 100
119 83.1 80.2 120.2
121 21.7 25.4 38.2

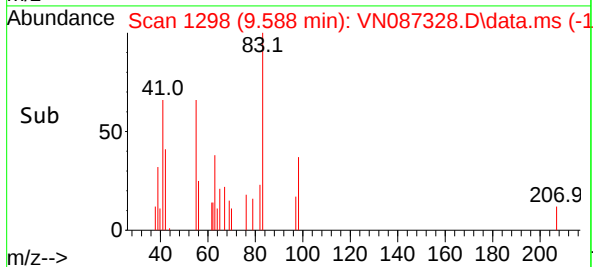
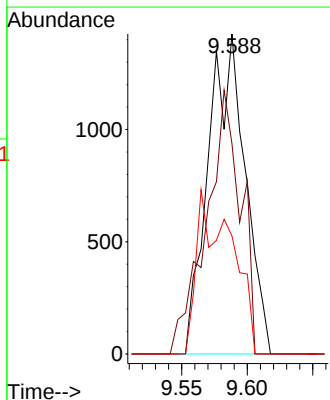
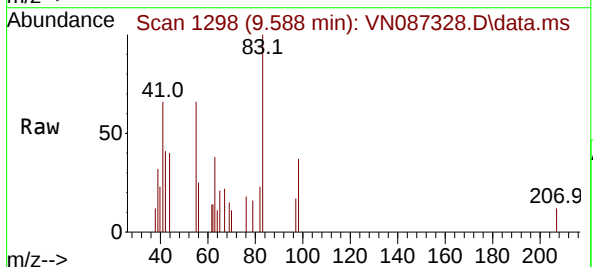
Manual Integrations
APPROVED

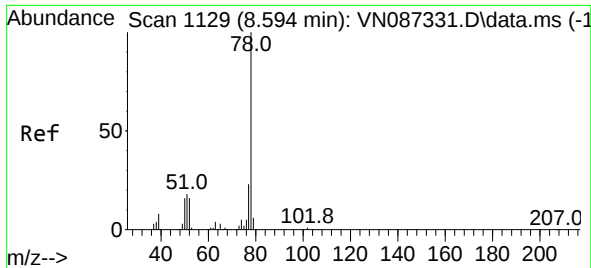
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#39
Methylcyclohexane
Concen: 0.906 ug/l
RT: 9.588 min Scan# 1298
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 83 Resp: 2794
Ion Ratio Lower Upper
83 100
55 65.7 61.3 91.9
98 36.9 37.9 56.9





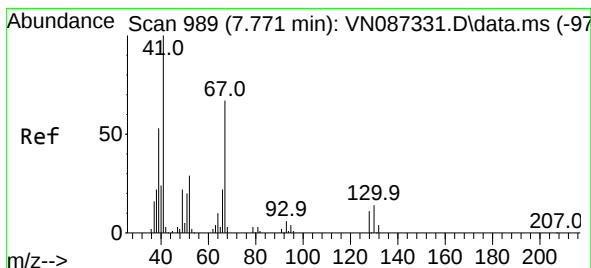
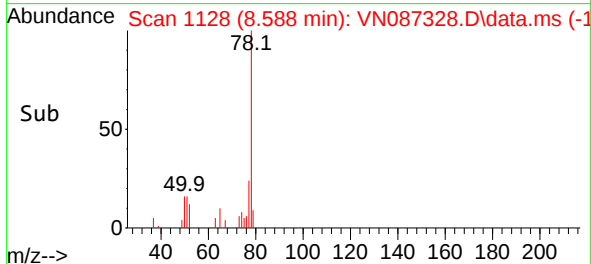
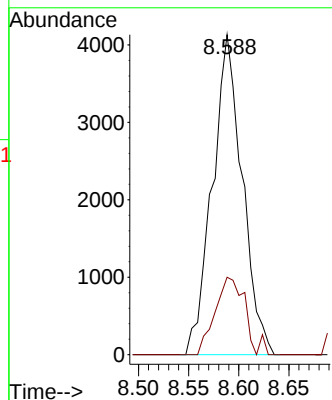
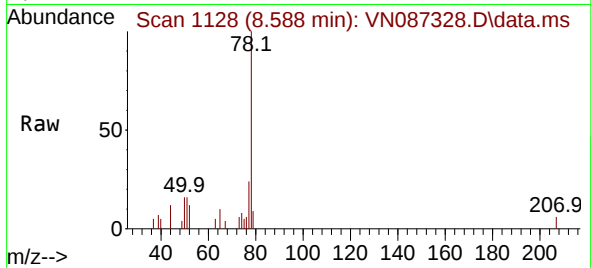
#40
Benzene
Concen: 0.930 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 78 Resp: 856
Ion Ratio Lower Upper
78 100
77 24.2 18.2 27.2

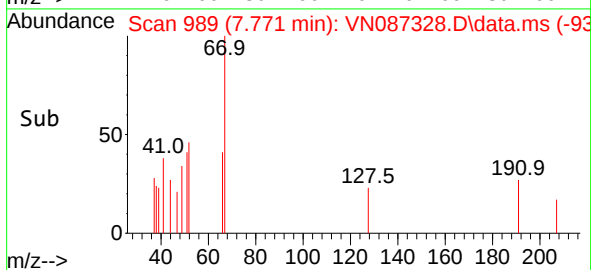
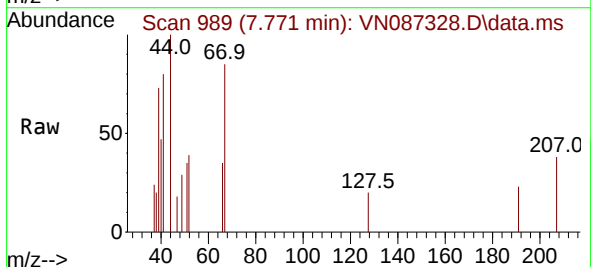
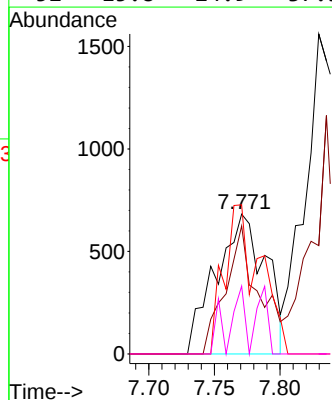
Manual Integrations
APPROVED

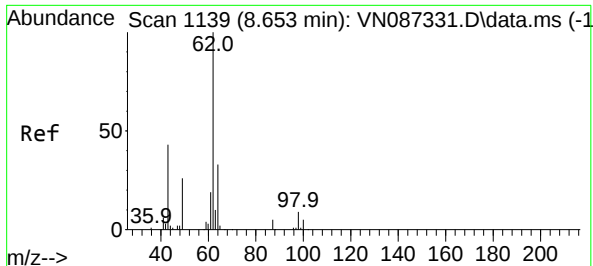
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#41
Methacrylonitrile
Concen: 0.839 ug/l
RT: 7.771 min Scan# 989
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 41 Resp: 1805
Ion Ratio Lower Upper
41 100
39 60.9 43.4 65.0
67 76.1 55.1 82.7
52 15.8 24.9 37.3#





#42

1,2-Dichloroethane

Concen: 0.990 ug/l

RT: 8.653 min Scan# 1139

Delta R.T. 0.000 min

Lab File: VN087328.D

Acq: 16 Jul 2025 17:05

Instrument :

MSVOA_N

ClientSampleId :

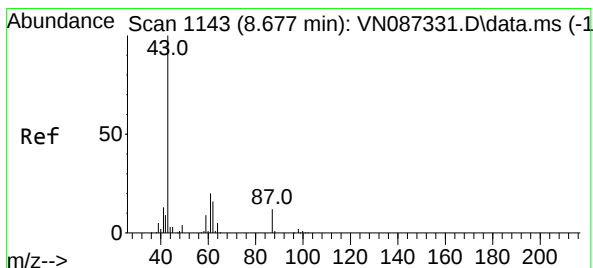
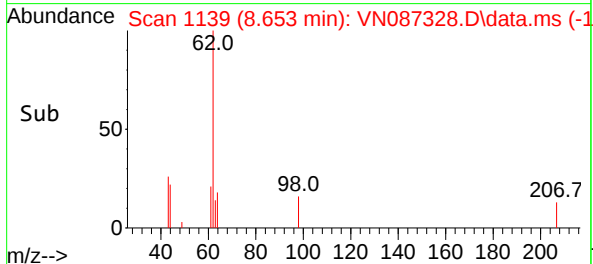
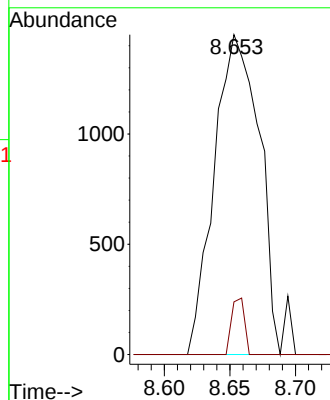
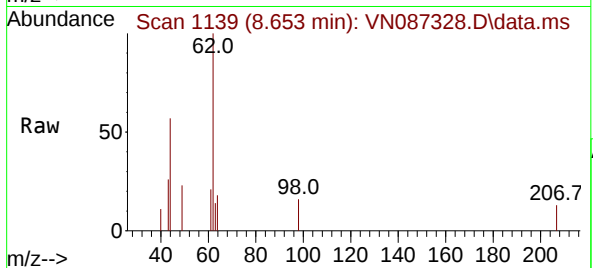
VSTDICC001

Tgt Ion: 62 Resp: 3450
 Ion Ratio Lower Upper
 62 100
 98 5.1 0.0 18.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025



#43

Isopropyl Acetate

Concen: 0.919 ug/l

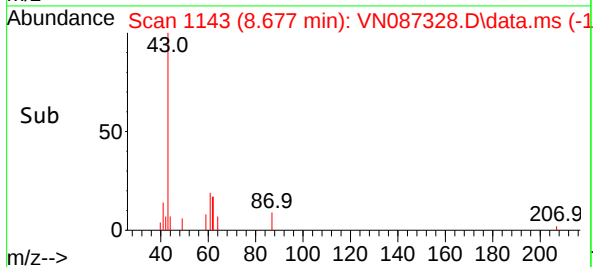
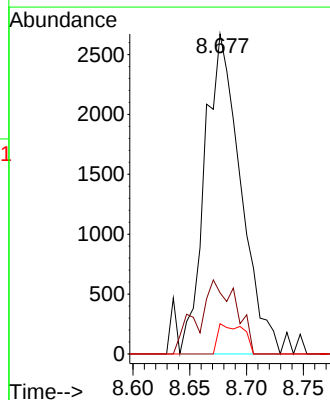
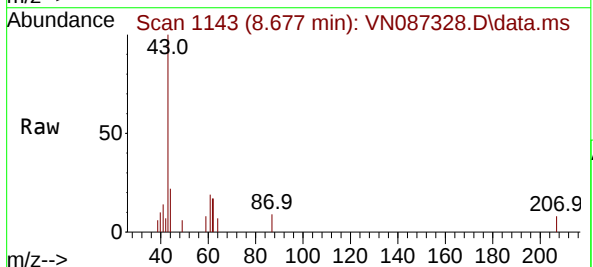
RT: 8.677 min Scan# 1143

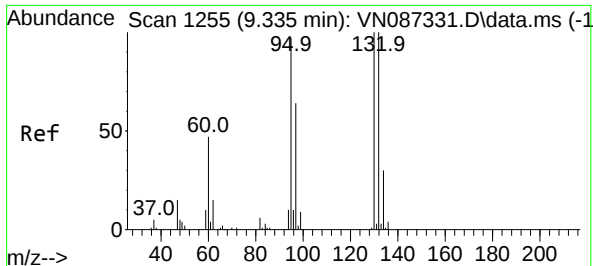
Delta R.T. -0.000 min

Lab File: VN087328.D

Acq: 16 Jul 2025 17:05

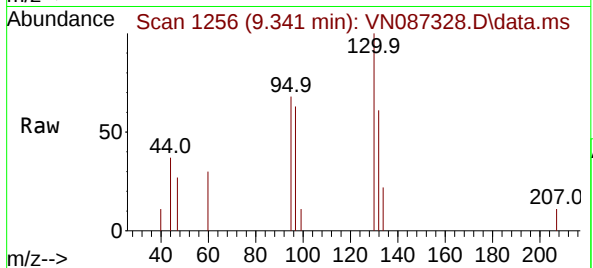
Tgt Ion: 43 Resp: 5865
 Ion Ratio Lower Upper
 43 100
 61 24.8 19.8 29.8
 87 6.6 9.8 14.6#





#44
Trichloroethene
Concen: 1.072 ug/l
RT: 9.341 min Scan# 1256
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

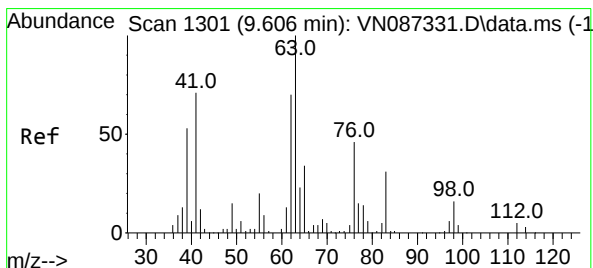
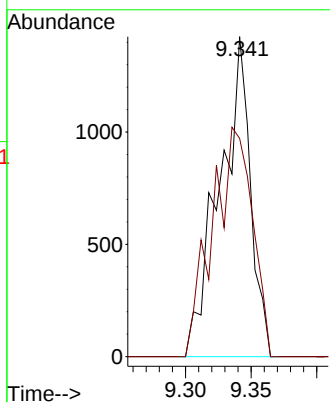
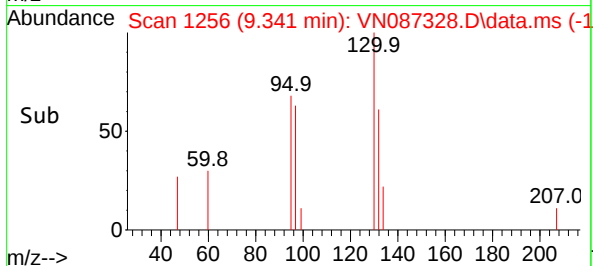
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



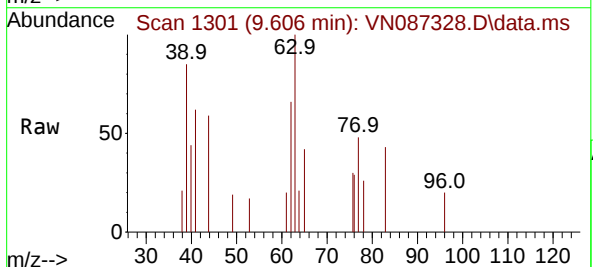
Tgt Ion:130 Resp: 233
Ion Ratio Lower Upper
130 100
95 68.2 0.0 195.2

Manual Integrations
APPROVED

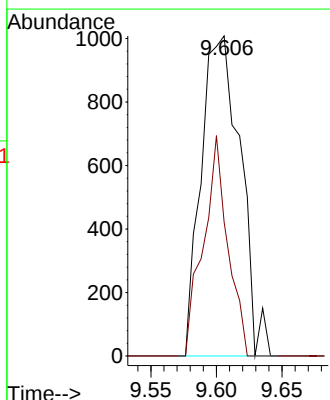
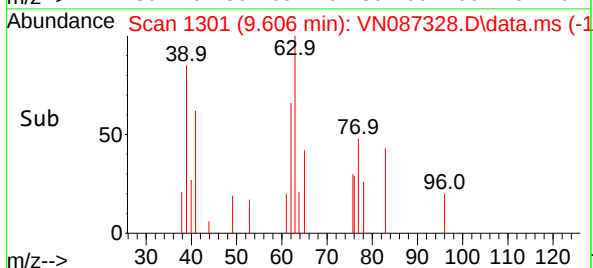
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

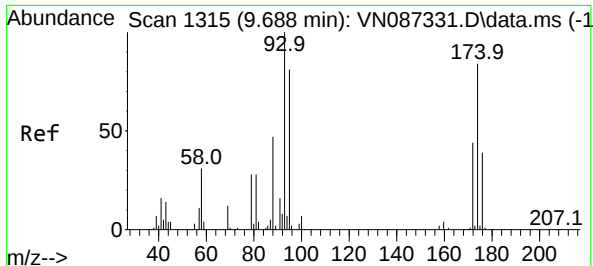


#45
1,2-Dichloropropane
Concen: 0.895 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05



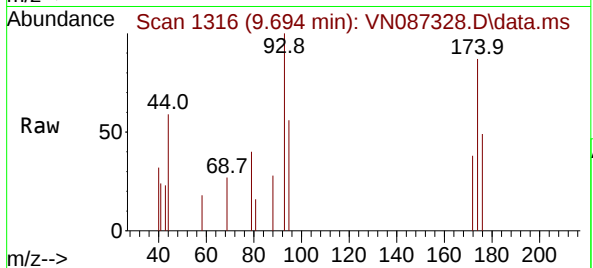
Tgt Ion: 63 Resp: 2094
Ion Ratio Lower Upper
63 100
65 41.9 27.0 40.4#





#46
Dibromomethane
Concen: 0.946 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

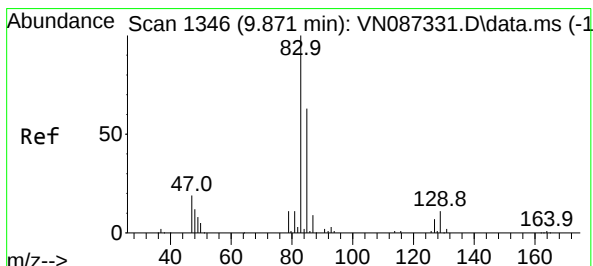
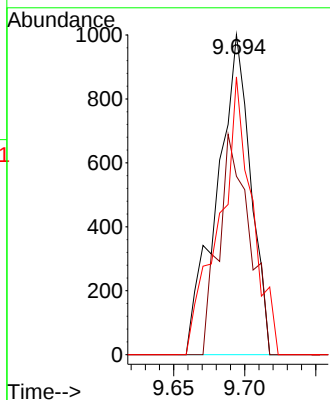
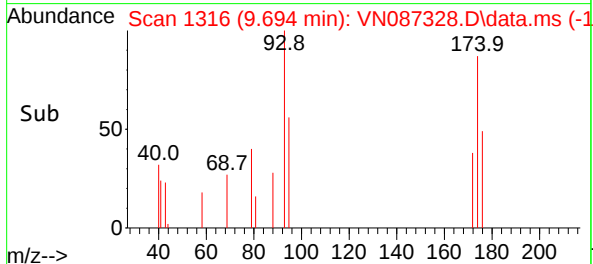
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



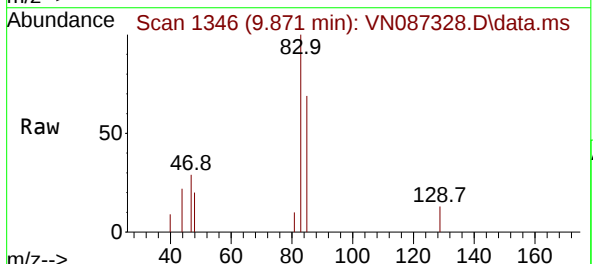
Tgt Ion: 93 Resp: 165
Ion Ratio Lower Upper
93 100
95 62.2 65.8 98.8
174 84.2 69.9 104.9

Manual Integrations
APPROVED

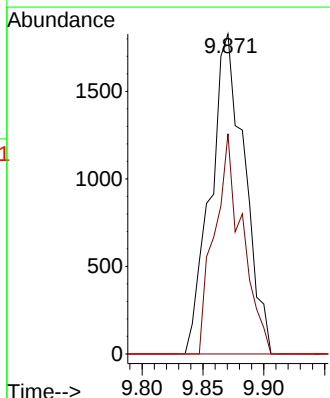
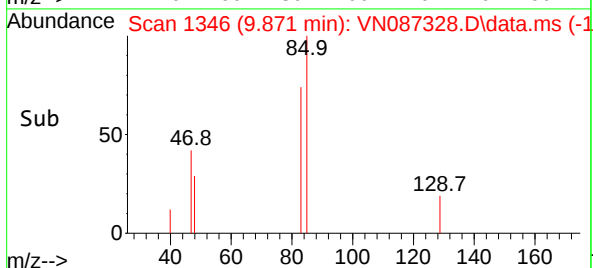
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

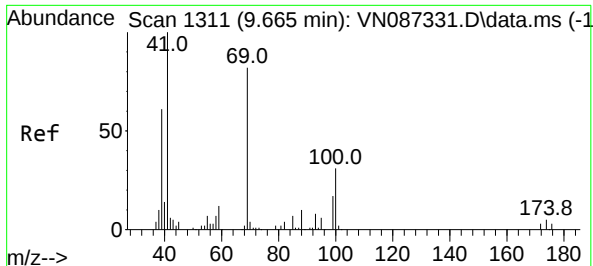


#47
Bromodichloromethane
Concen: 1.006 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05



Tgt Ion: 83 Resp: 3549
Ion Ratio Lower Upper
83 100
85 68.8 50.4 75.6
127 0.0 5.8 8.8





#48

Methyl methacrylate

Concen: 0.808 ug/l

RT: 9.671 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VN087328.D

Acq: 16 Jul 2025 17:05

Instrument :

MSVOA_N

ClientSampleId :

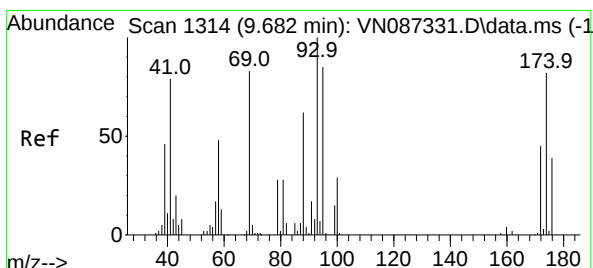
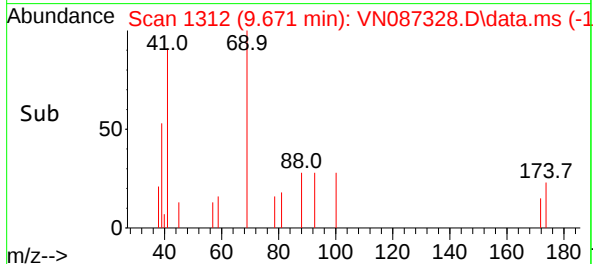
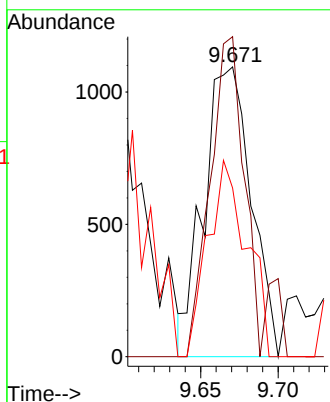
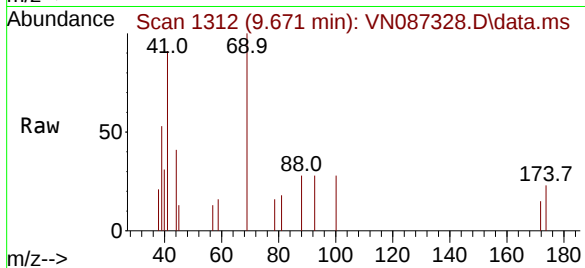
VSTDIC001

Tgt Ion: 41	Resp: 232
Ion Ratio	Lower Upper
41	100
69	87.9 64.1 96.1
39	56.1 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#49

1,4-Dioxane

Concen: 15.810 ug/l

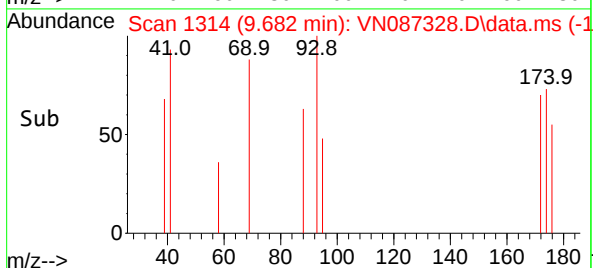
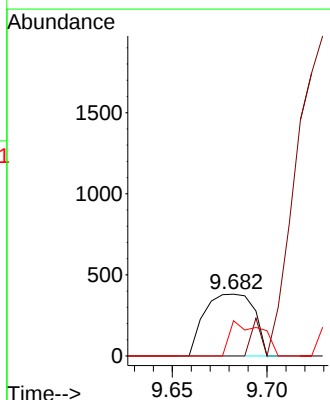
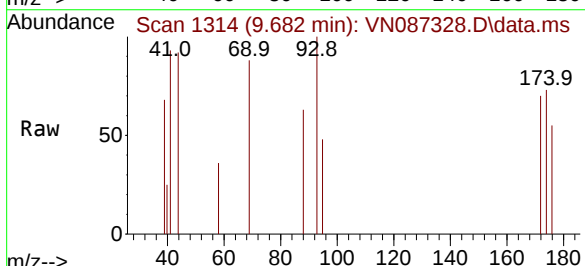
RT: 9.682 min Scan# 1314

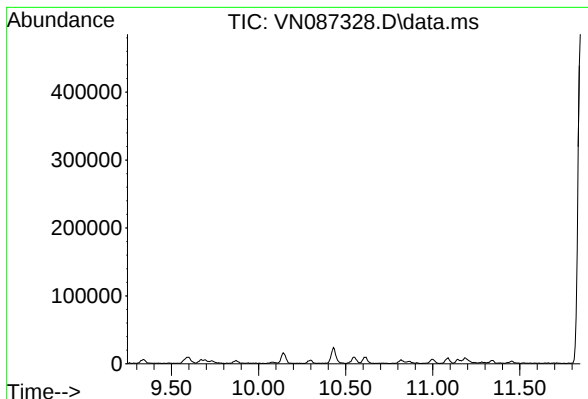
Delta R.T. 0.000 min

Lab File: VN087328.D

Acq: 16 Jul 2025 17:05

Tgt Ion: 88	Resp: 696
Ion Ratio	Lower Upper
88	100
43	0.0 0.0 0.0
58	35.9 61.1 91.7





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.55 min

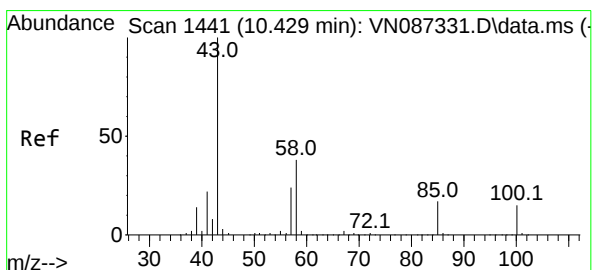
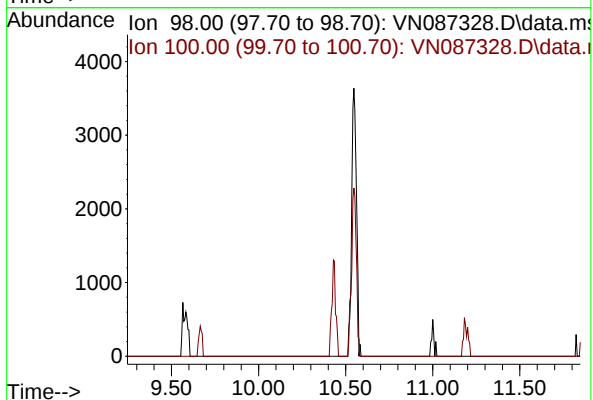
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 65.1

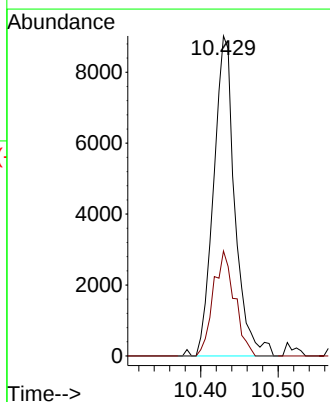
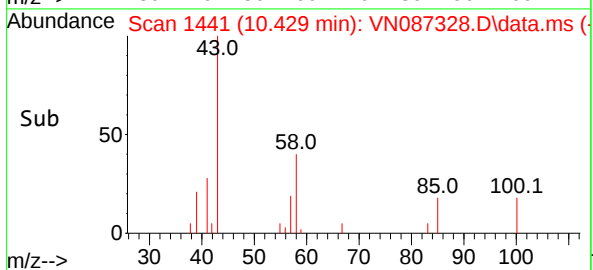
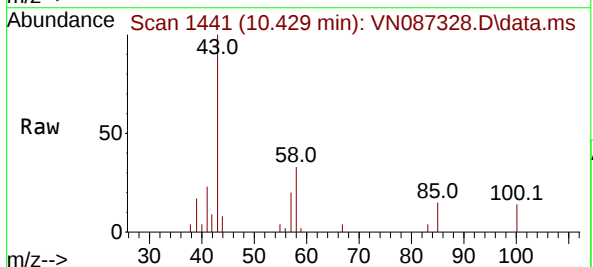
Manual Integrations APPROVED

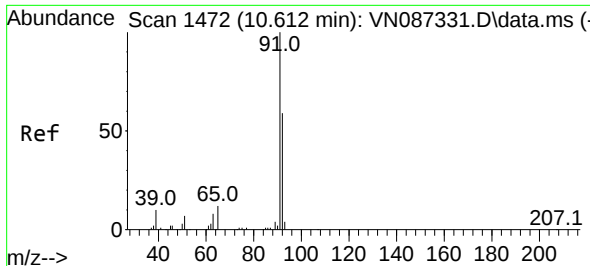
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#51
4-Methyl-2-Pentanone
Concen: 4.263 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

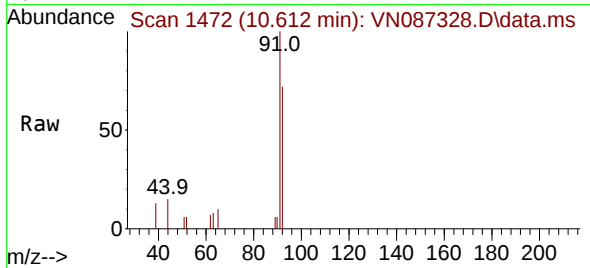
Tgt Ion: 43 Resp: 17216
Ion Ratio Lower Upper
43 100
58 33.0 30.8 46.2





#52
Toluene
Concen: 0.864 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

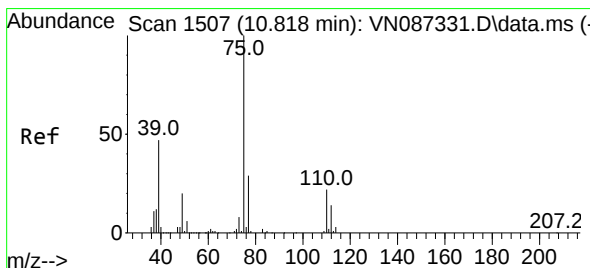
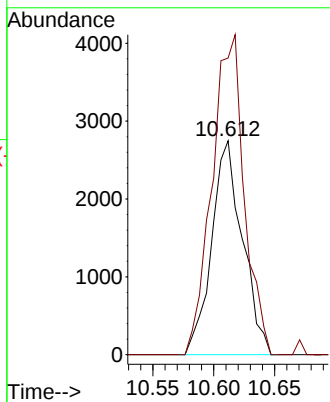
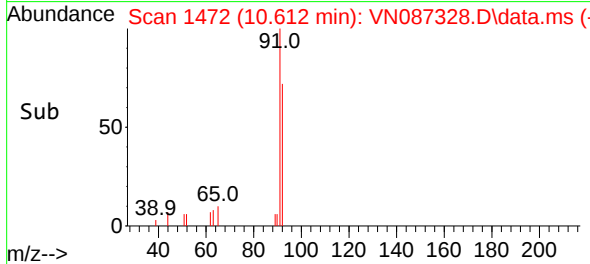
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



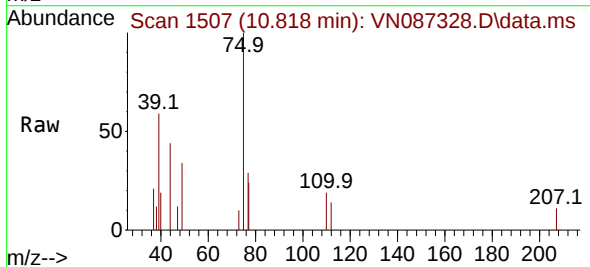
Tgt Ion: 92 Resp: 4834
Ion Ratio Lower Upper
92 100
91 157.1 135.1 202.7

Manual Integrations
APPROVED

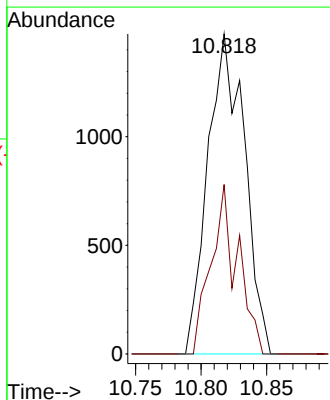
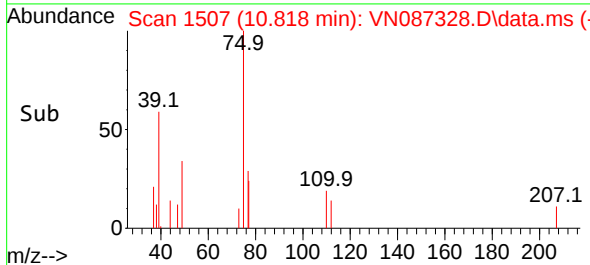
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

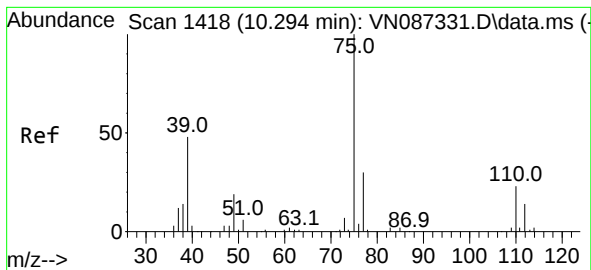


#53
t-1,3-Dichloropropene
Concen: 0.804 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05



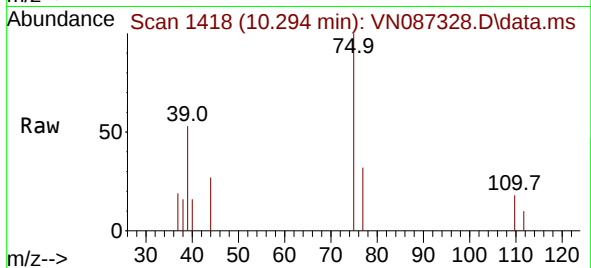
Tgt Ion: 75 Resp: 2869
Ion Ratio Lower Upper
75 100
77 53.0 23.6 35.4#





#54
cis-1,3-Dichloropropene
Concen: 0.830 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

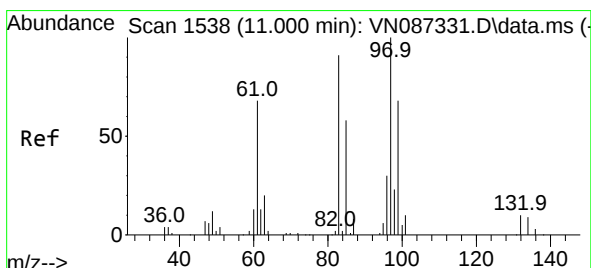
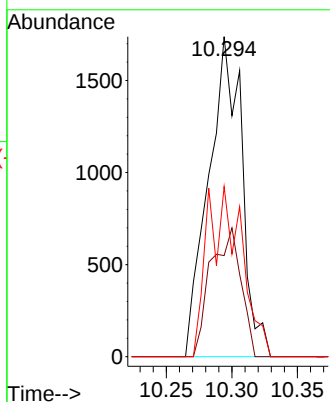
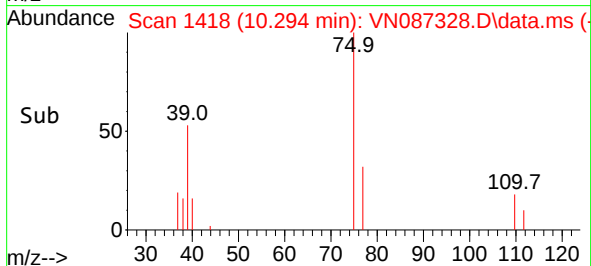
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 75 Resp: 3059
Ion Ratio Lower Upper
75 100
77 31.6 24.2 36.2
39 53.2 38.4 57.6

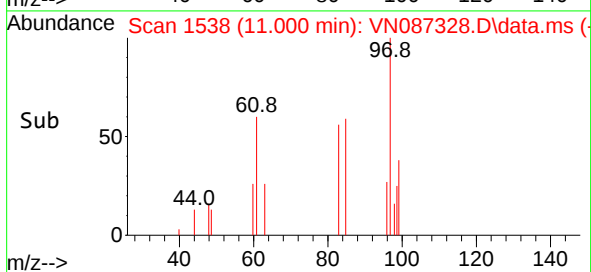
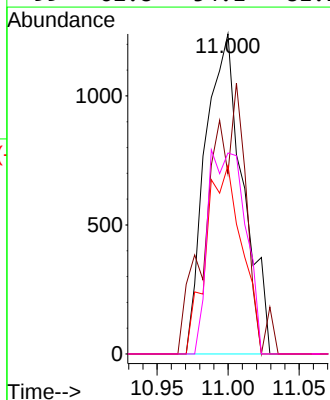
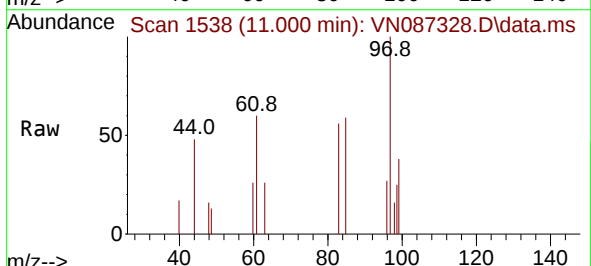
Manual Integrations
APPROVED

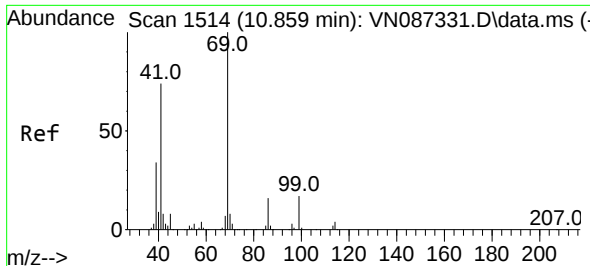
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#55
1,1,2-Trichloroethane
Concen: 1.013 ug/l
RT: 11.000 min Scan# 1538
Delta R.T. -0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

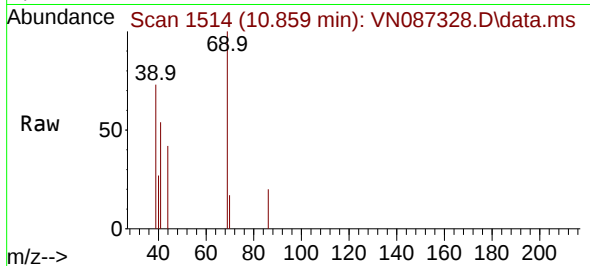
Tgt Ion: 97 Resp: 2294
Ion Ratio Lower Upper
97 100
83 56.4 72.6 109.0#
85 58.9 46.7 70.1
99 62.8 54.1 81.1





#56
Ethyl methacrylate
Concen: 1.217 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

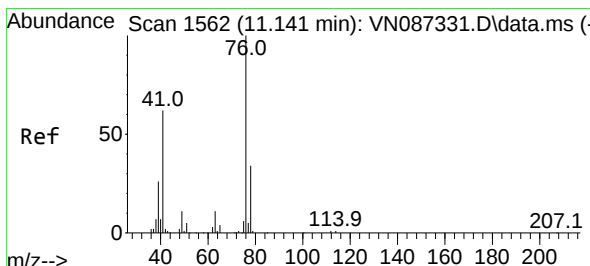
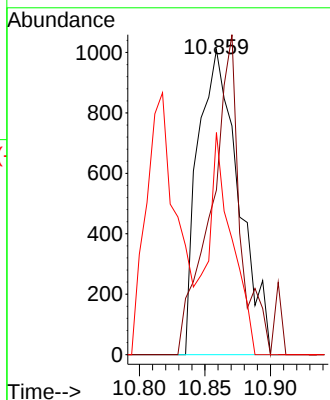
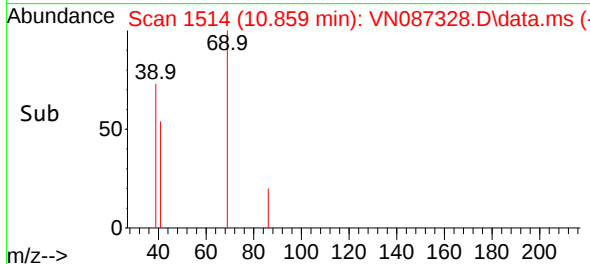
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



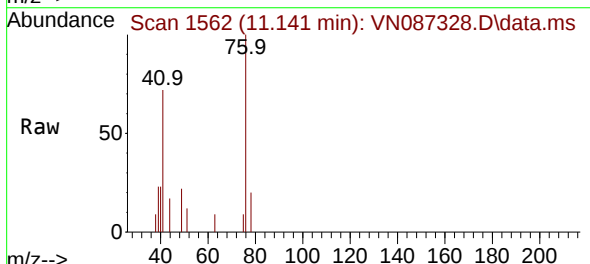
Tgt Ion: 69 Resp: 217
Ion Ratio Lower Upper
69 100
41 75.4 55.1 82.7
39 42.6 27.9 41.9

Manual Integrations
APPROVED

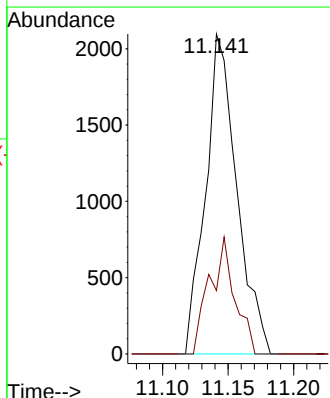
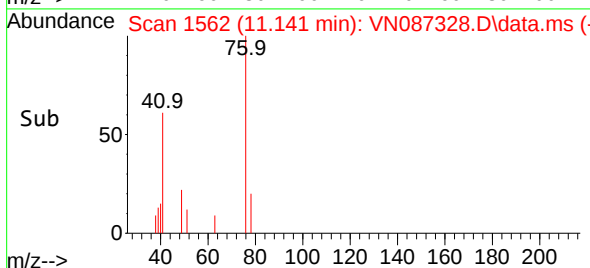
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

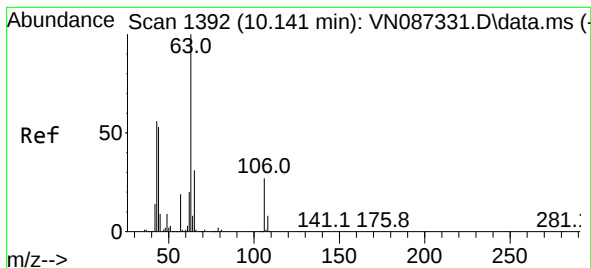


#57
1,3-Dichloropropane
Concen: 0.888 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05



Tgt Ion: 76 Resp: 3477
Ion Ratio Lower Upper
76 100
78 29.5 26.0 39.0





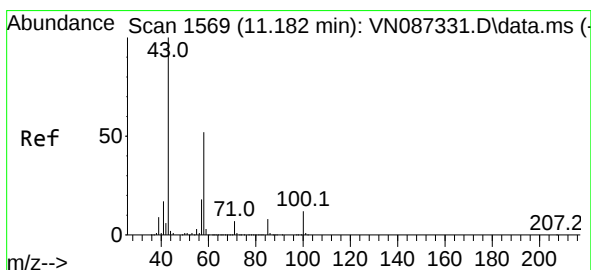
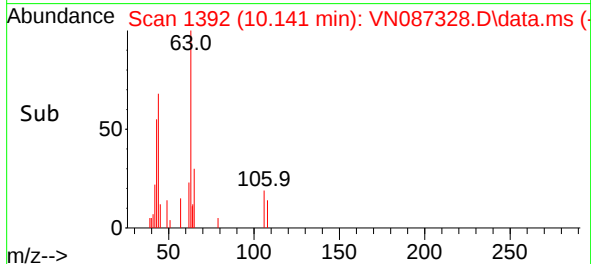
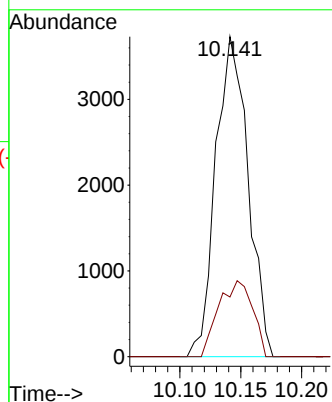
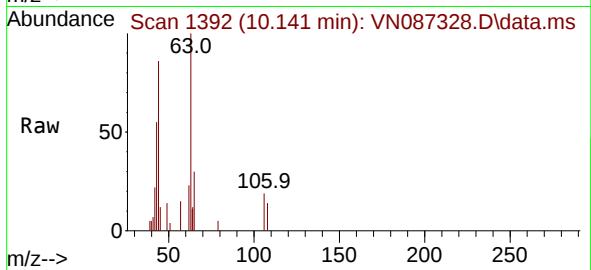
#58
2-Chloroethyl Vinyl ether
Concen: 3.707 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 688
Ion Ratio Lower Upper
63 100
106 24.9 21.7 32.5

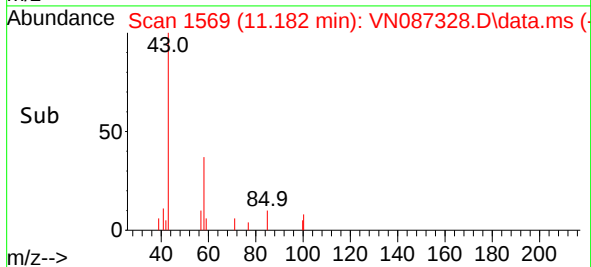
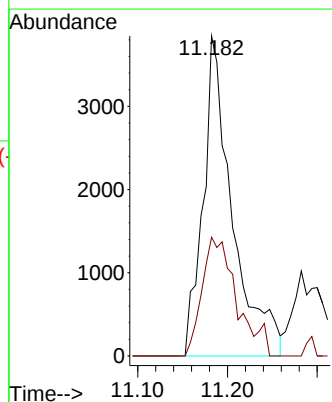
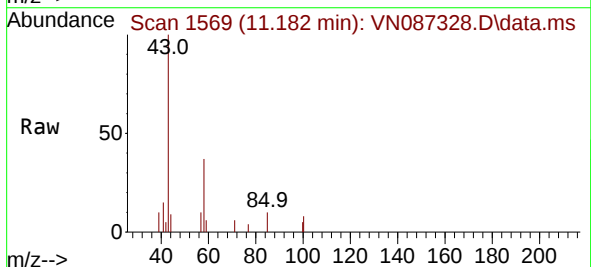
Manual Integrations
APPROVED

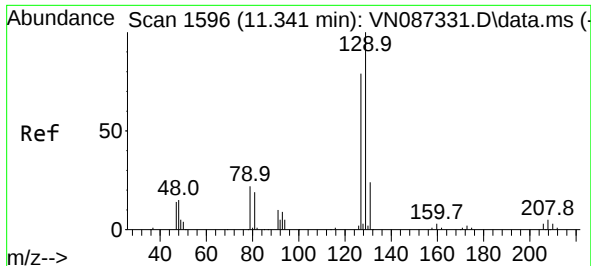
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#59
2-Hexanone
Concen: 3.250 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

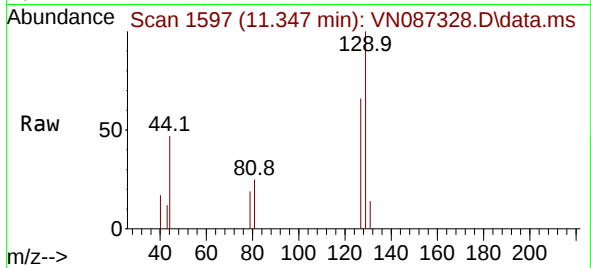
Tgt Ion: 43 Resp: 8707
Ion Ratio Lower Upper
43 100
58 43.8 26.7 80.0





#60
Dibromochloromethane
Concen: 0.852 ug/l
RT: 11.347 min Scan# 1597
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

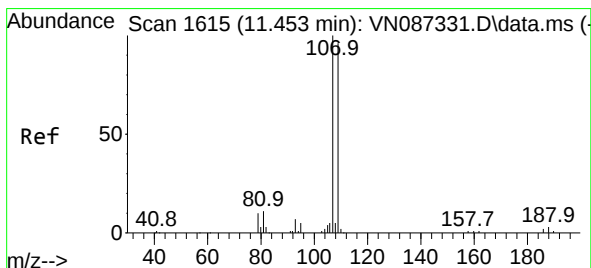
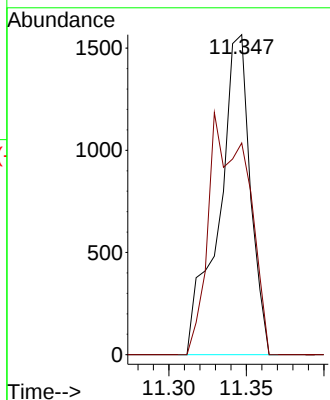
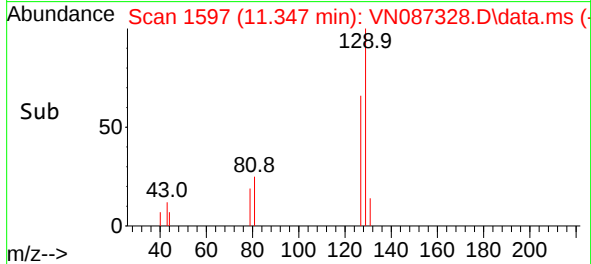
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



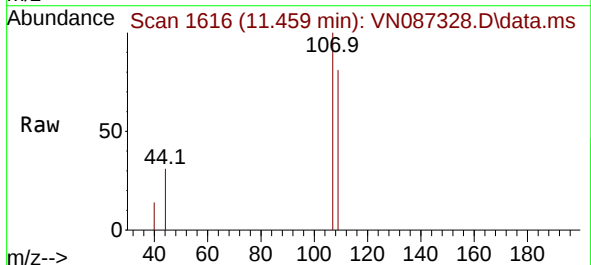
Tgt Ion:129 Resp: 2200
Ion Ratio Lower Upper
129 100
127 93.6 39.1 117.5

Manual Integrations
APPROVED

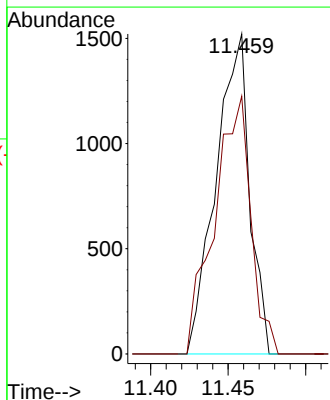
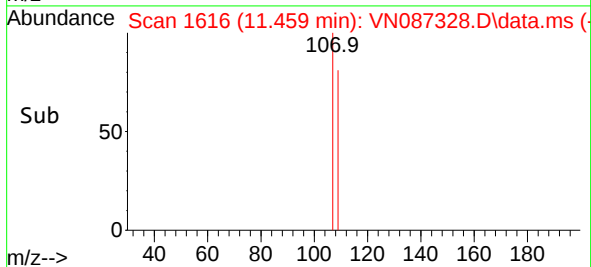
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

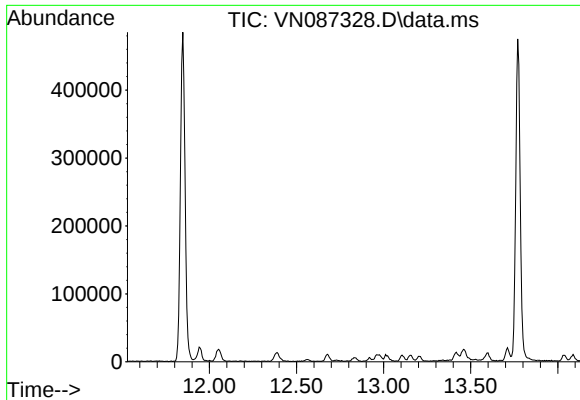


#61
1,2-Dibromoethane
Concen: 0.962 ug/l
RT: 11.459 min Scan# 1616
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05



Tgt Ion:107 Resp: 2291
Ion Ratio Lower Upper
107 100
109 87.3 77.5 116.3





#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.83 min
 Lab File: VN087328.D
 Acq: 16 Jul 2025 17:05

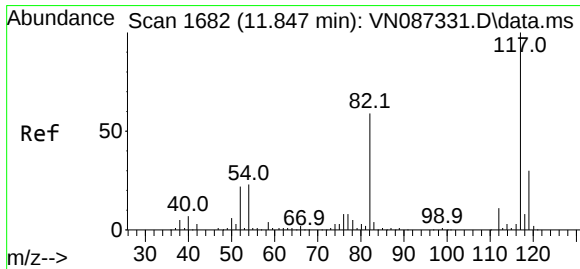
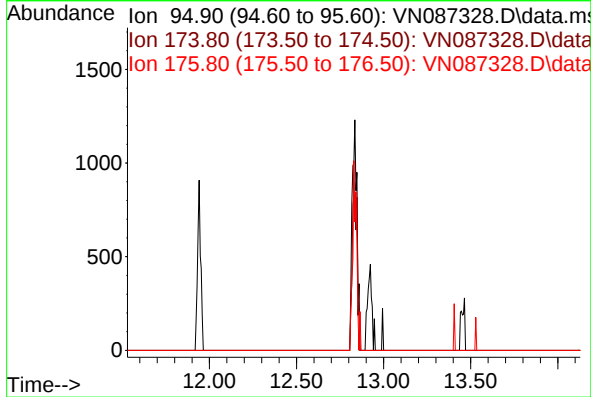
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 95

Sig	Exp	Ratio
95	100	
174	74.7	
176	70.6	

Manual Integrations APPROVED

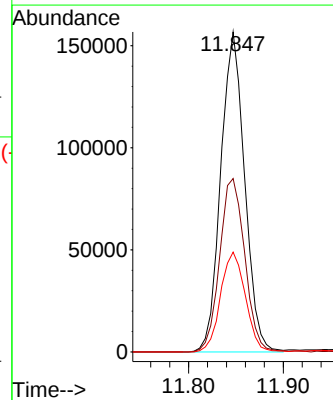
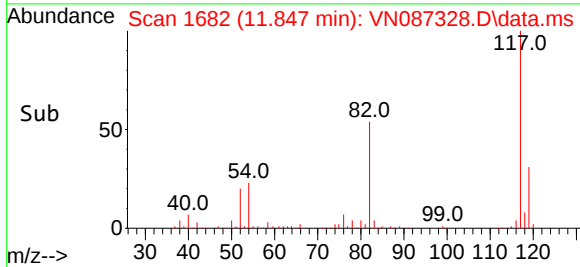
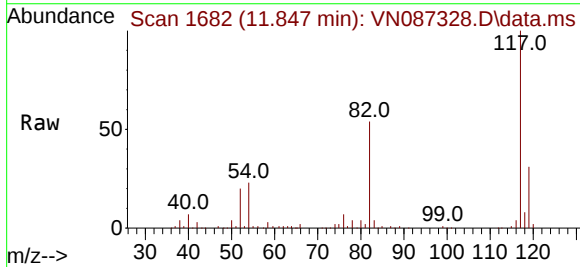
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025

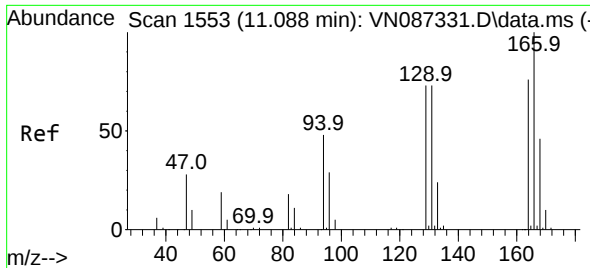


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.847 min Scan# 1682
 Delta R.T. -0.000 min
 Lab File: VN087328.D
 Acq: 16 Jul 2025 17:05

Tgt Ion:117 Resp: 274838

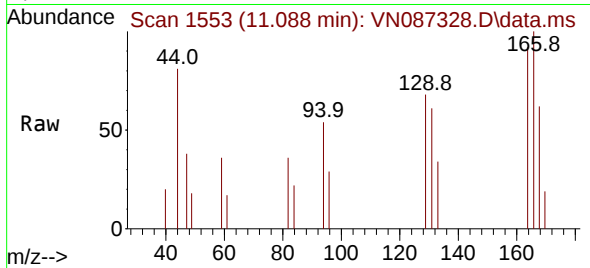
Ion	Ratio	Lower	Upper
117	100		
82	54.2	47.4	71.2
119	31.2	23.8	35.8





#64
Tetrachloroethene
Concen: 1.022 ug/l
RT: 11.088 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

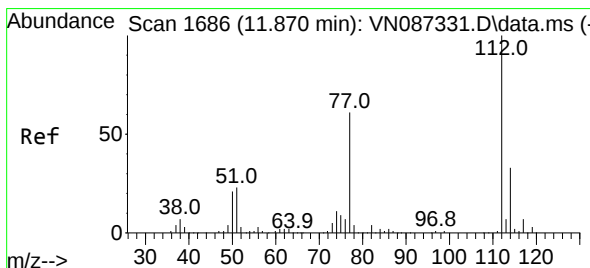
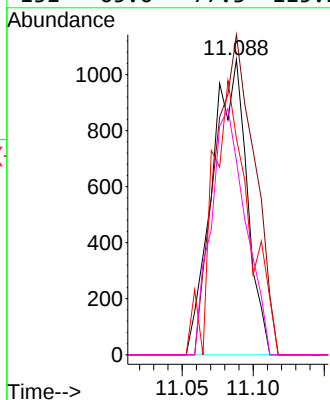
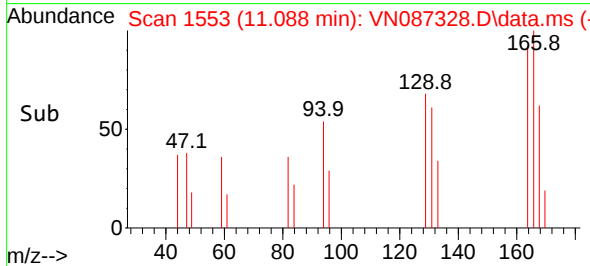
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:164 Resp: 180
Ion Ratio Lower Upper
164 100
166 108.3 105.5 158.3
129 73.2 77.4 116.2
131 65.6 77.3 115.9#

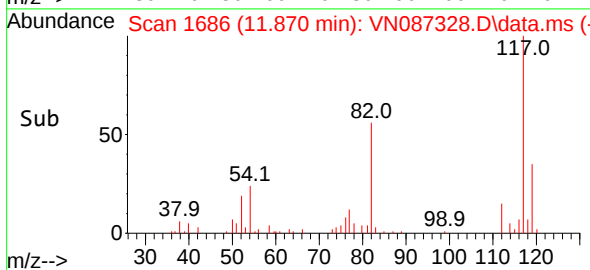
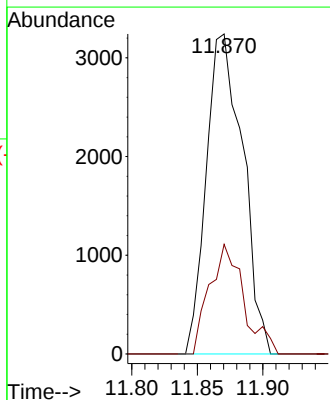
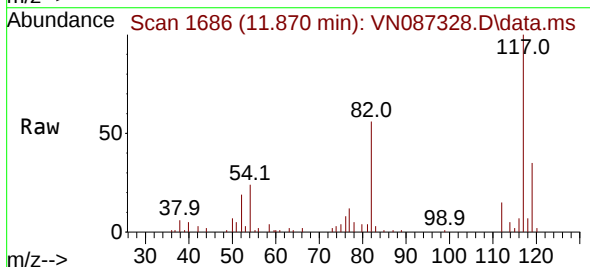
Manual Integrations
APPROVED

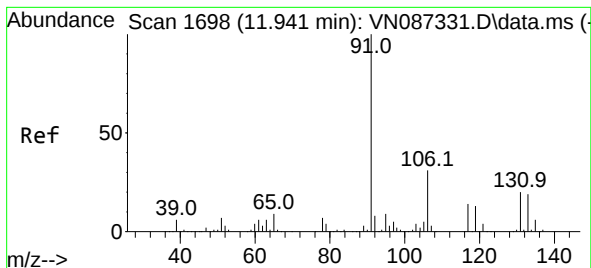
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#65
Chlorobenzene
Concen: 1.014 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

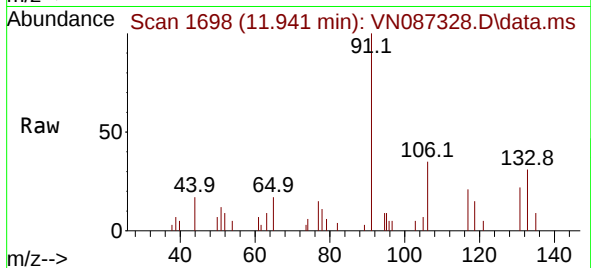
Tgt Ion:112 Resp: 6259
Ion Ratio Lower Upper
112 100
114 34.3 26.5 39.7





#66
1,1,1,2-Tetrachloroethane
Concen: 0.850 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

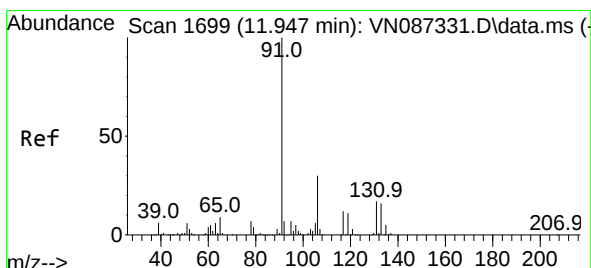
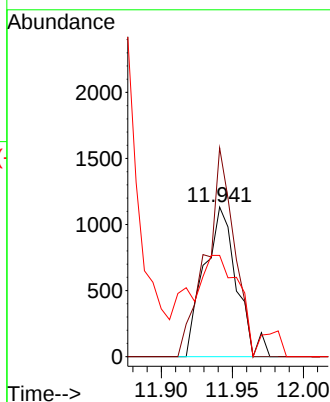
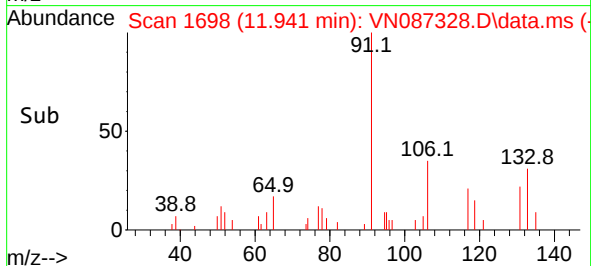
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



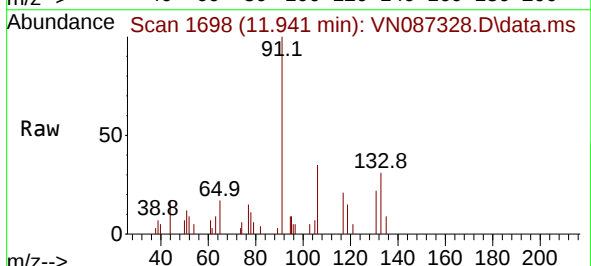
Tgt Ion:131 Resp: 178
Ion Ratio Lower Upper
131 100
133 120.9 47.4 142.3
119 0.0 33.1 99.2

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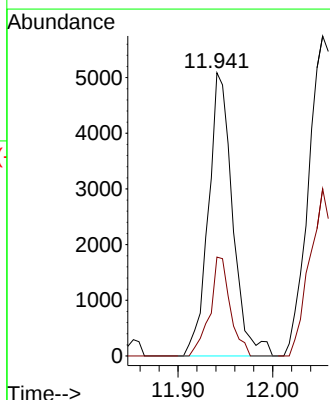
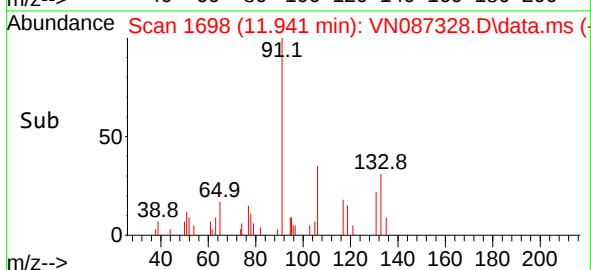
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

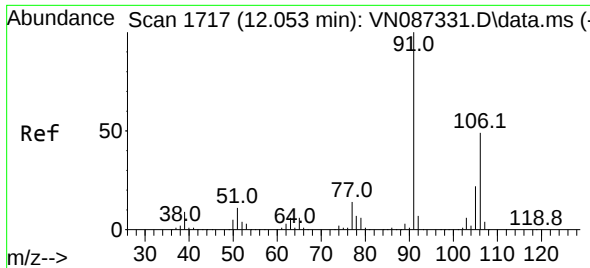


#67
Ethyl Benzene
Concen: 0.889 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05



Tgt Ion: 91 Resp: 9031
Ion Ratio Lower Upper
91 100
106 34.9 24.3 36.5





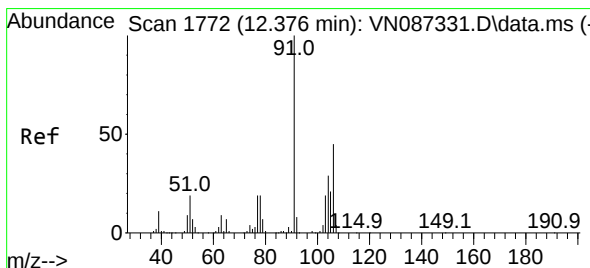
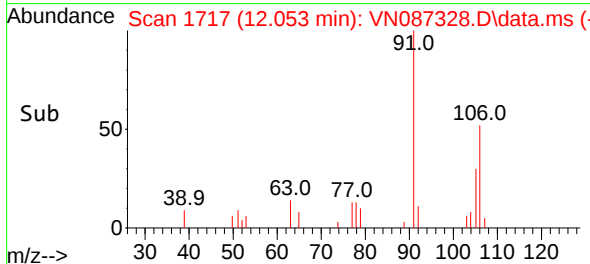
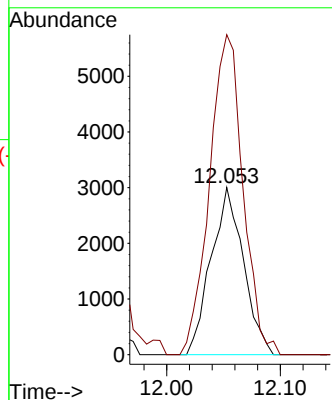
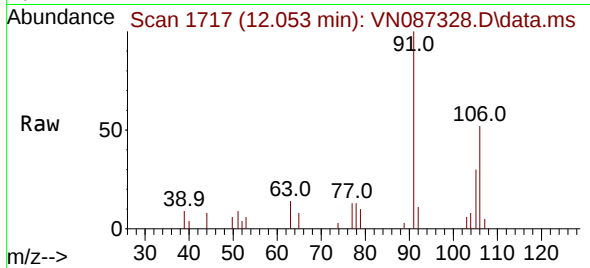
#68
m/p-Xylenes
Concen: 1.565 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 5952
Ion Ratio Lower Upper
106 100
91 198.2 162.0 243.0

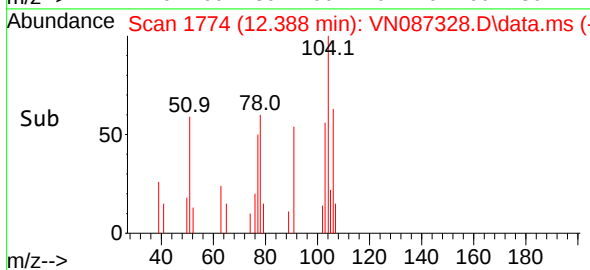
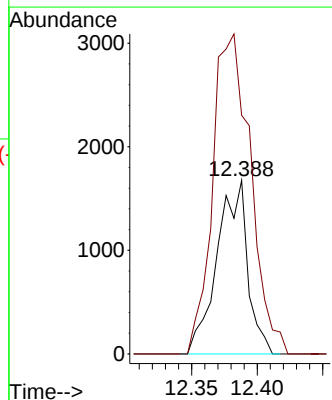
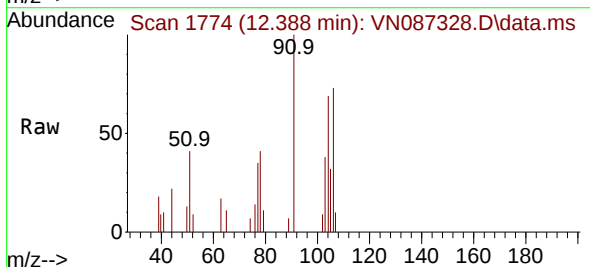
Manual Integrations
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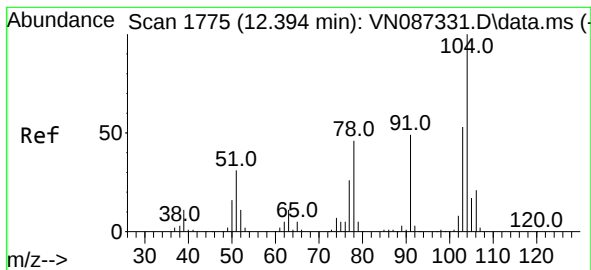
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#69
o-Xylene
Concen: 0.743 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.012 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion:106 Resp: 2700
Ion Ratio Lower Upper
106 100
91 229.8 107.7 323.3





#70

Styrene

Concen: 0.653 ug/l

RT: 12.400 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VN087328.D

Acq: 16 Jul 2025 17:05

Instrument :

MSVOA_N

ClientSampleId :

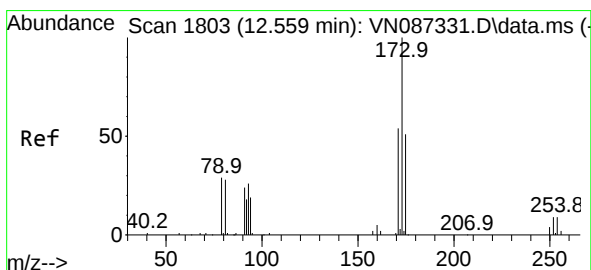
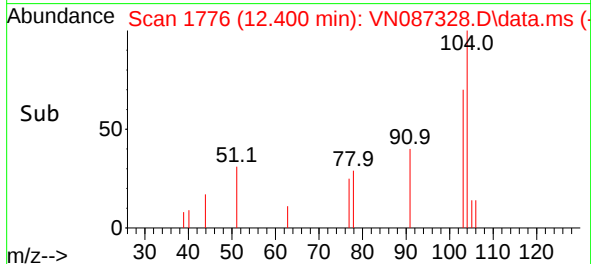
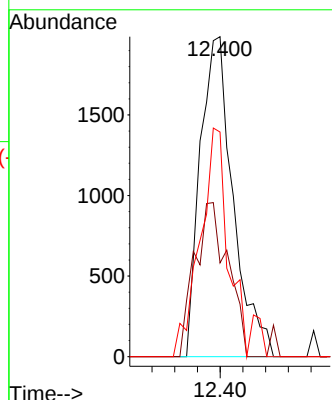
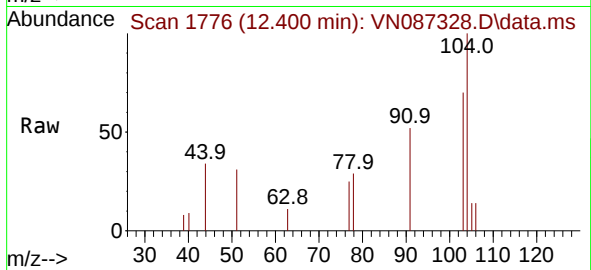
VSTDIC001

Tgt Ion:	104	Resp:	398
Ion Ratio	Lower	Upper	
104	100		
78	48.8	41.0	61.6
103	64.6	43.9	65.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#71

Bromoform

Concen: 0.797 ug/l

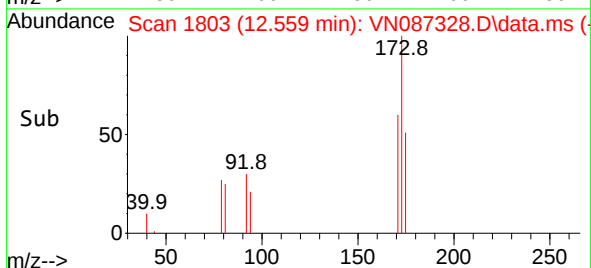
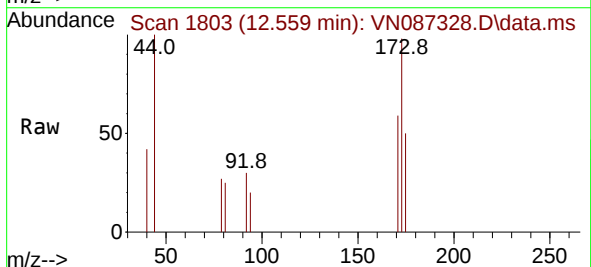
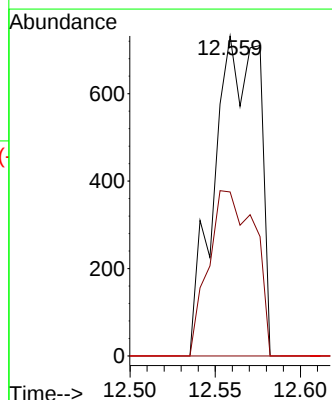
RT: 12.559 min Scan# 1803

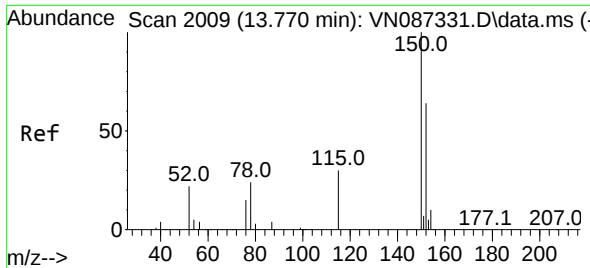
Delta R.T. 0.000 min

Lab File: VN087328.D

Acq: 16 Jul 2025 17:05

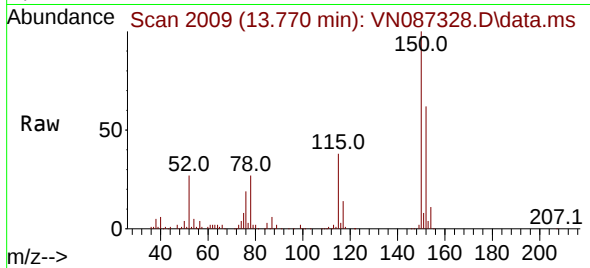
Tgt Ion:	173	Resp:	1351
Ion Ratio	Lower	Upper	
173	100		
175	52.5	24.1	72.3
254	0.0	0.0	0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

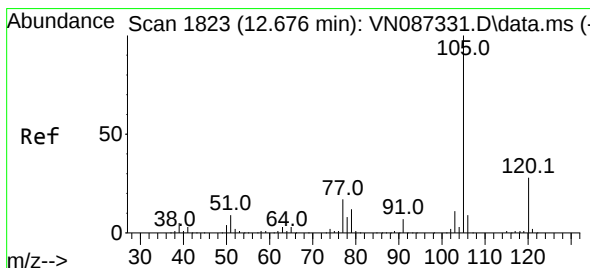
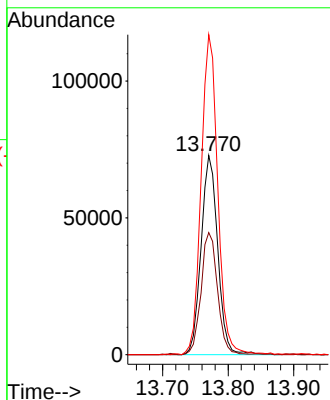
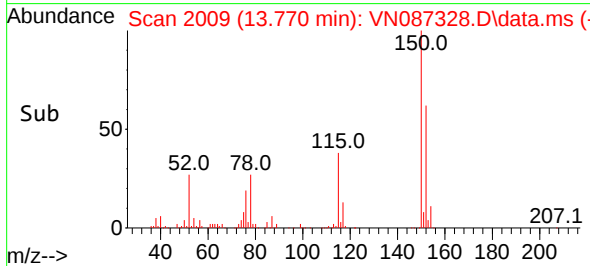
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



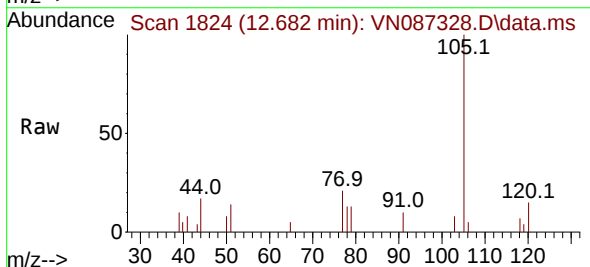
Tgt Ion:152 Resp: 128800
Ion Ratio Lower Upper
152 100
115 61.0 31.1 93.5
150 160.6 0.0 349.0

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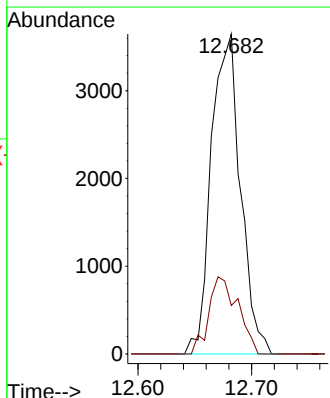
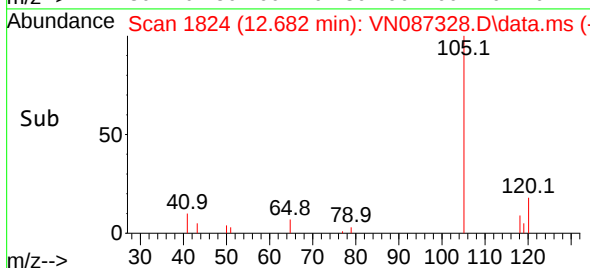
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

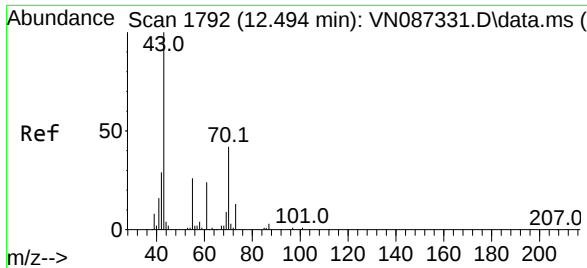


#73
Isopropylbenzene
Concen: 0.802 ug/l
RT: 12.682 min Scan# 1824
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05



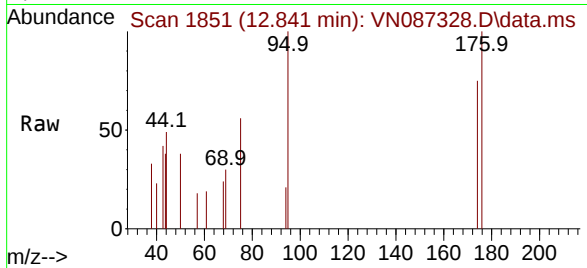
Tgt Ion:105 Resp: 6501
Ion Ratio Lower Upper
105 100
120 24.0 13.4 40.1





#74
N-amy1 acetate
Concen: 1.065 ug/l m
RT: 12.841 min Scan# 1792
Delta R.T. 0.347 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

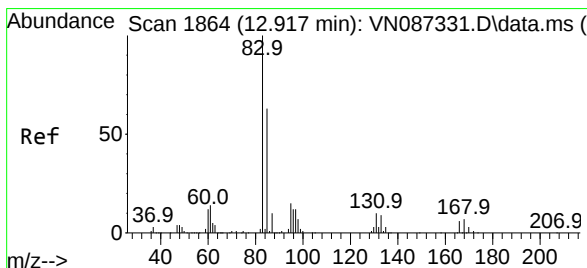
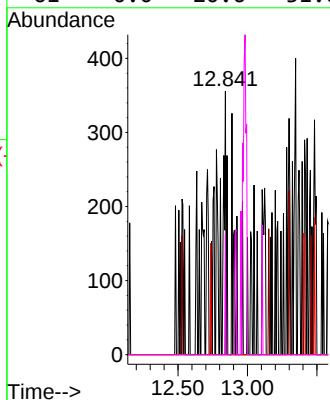
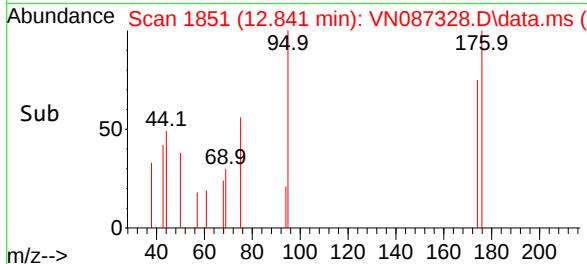
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 3372
Ion Ratio Lower Upper
43 100
70 0.0 37.6 56.4#
55 0.0 19.6 29.4#
61 0.0 20.6 31.0#

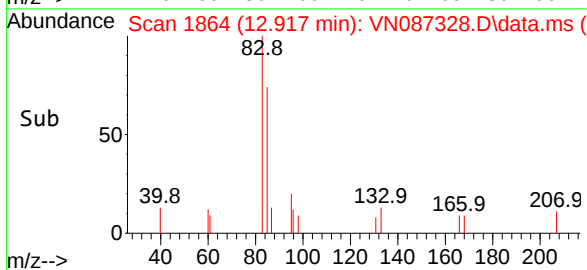
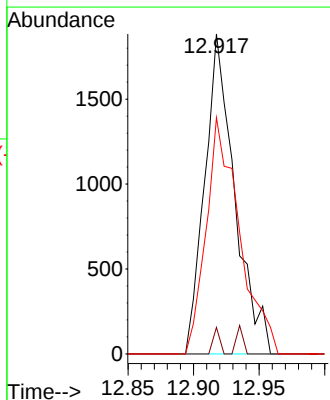
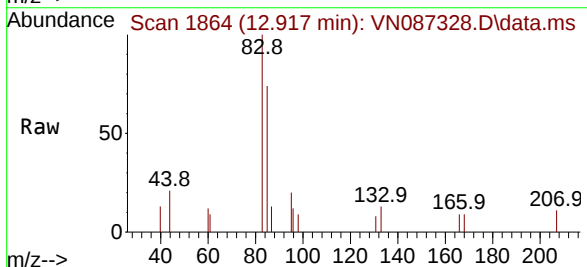
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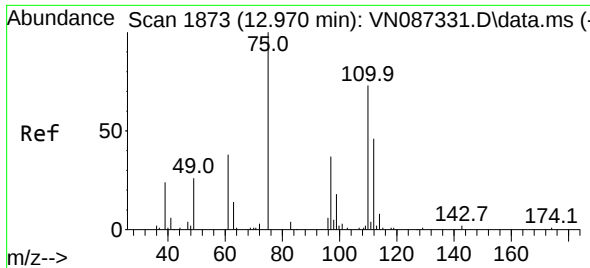
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#75
1,1,2,2-Tetrachloroethane
Concen: 0.979 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

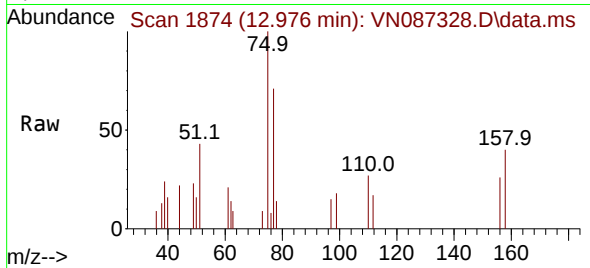
Tgt Ion: 83 Resp: 2986
Ion Ratio Lower Upper
83 100
131 1.8 5.1 15.3#
85 82.1 32.5 97.4





#76
1,2,3-Trichloropropane
Concen: 1.089 ug/l m
RT: 12.976 min Scan# 1873
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

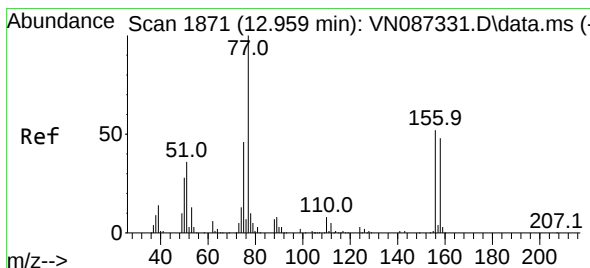
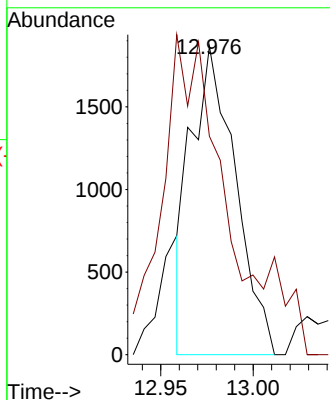
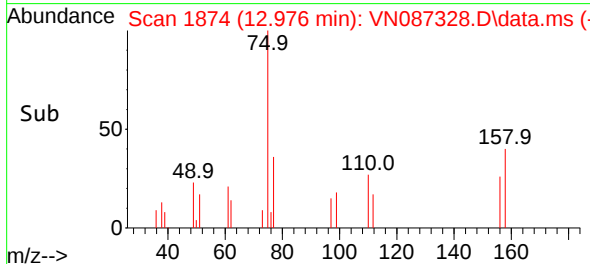
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



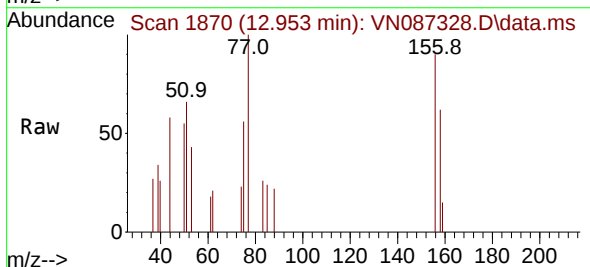
Tgt Ion: 75 Resp: 311
Ion Ratio Lower Upper
75 100
77 153.5 94.5 283.6

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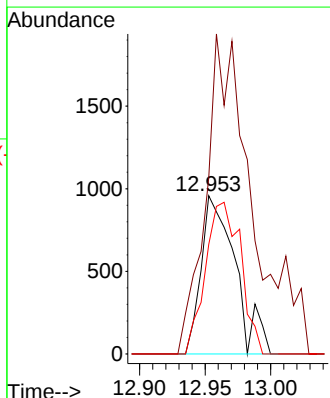
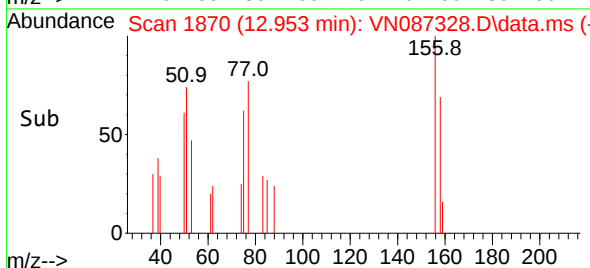
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

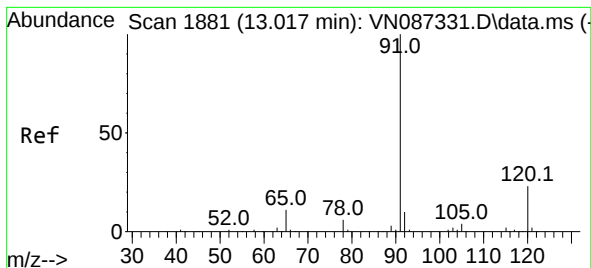


#77
Bromobenzene
Concen: 0.820 ug/l
RT: 12.953 min Scan# 1870
Delta R.T. -0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05



Tgt Ion:156 Resp: 1724
Ion Ratio Lower Upper
156 100
77 277.2 114.9 344.6
158 99.6 48.5 145.5





#78

n-propylbenzene

Concen: 0.821 ug/l

RT: 13.017 min Scan# 1881

Delta R.T. 0.000 min

Lab File: VN087328.D

Acq: 16 Jul 2025 17:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 91 Resp: 8378

Ion Ratio Lower Upper

91 100

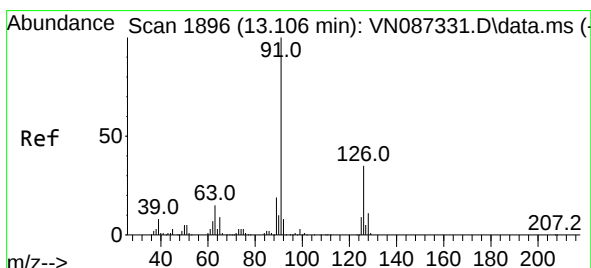
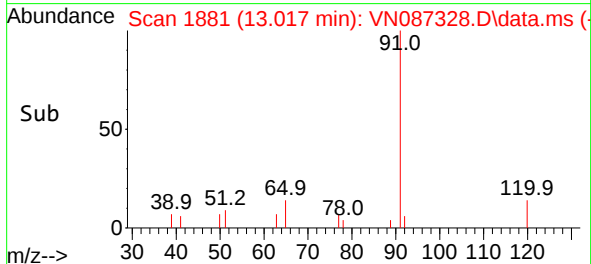
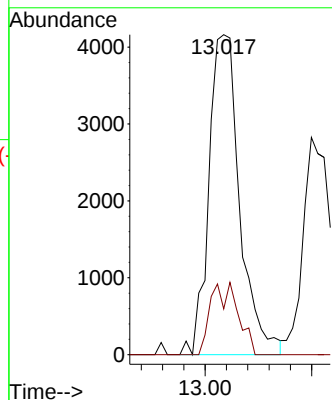
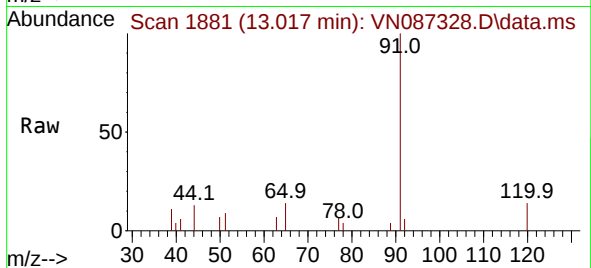
120 19.9 11.3 33.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#79

2-Chlorotoluene

Concen: 0.857 ug/l

RT: 13.100 min Scan# 1895

Delta R.T. -0.006 min

Lab File: VN087328.D

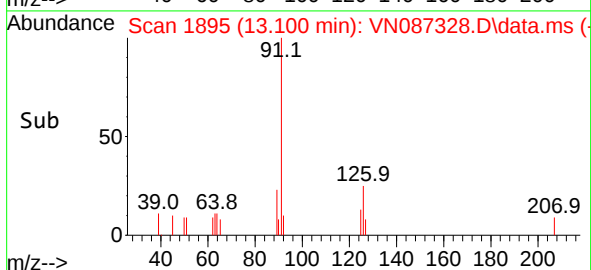
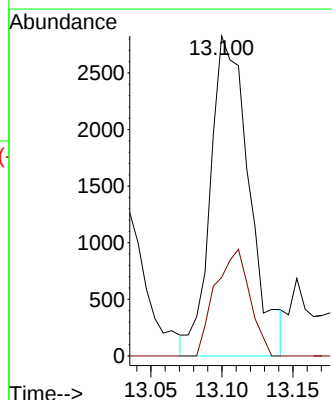
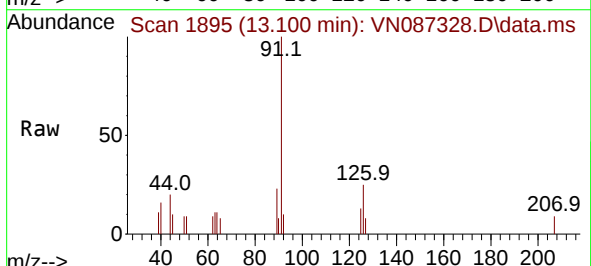
Acq: 16 Jul 2025 17:05

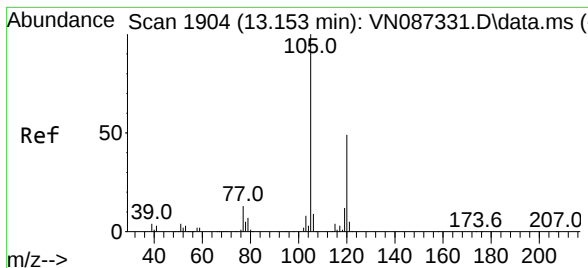
Tgt Ion: 91 Resp: 5372

Ion Ratio Lower Upper

91 100

126 29.6 16.9 50.6





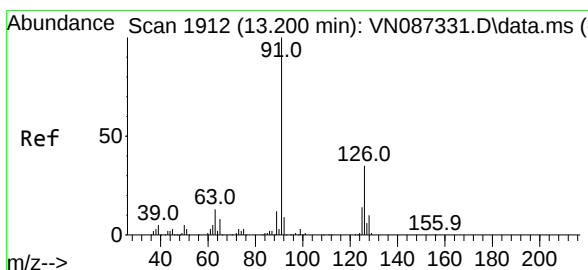
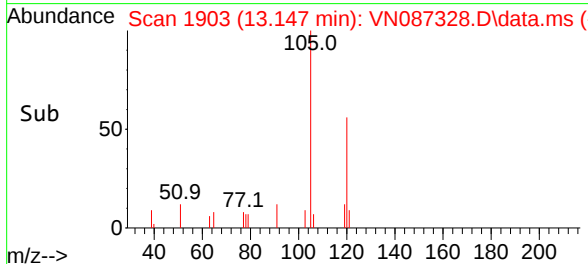
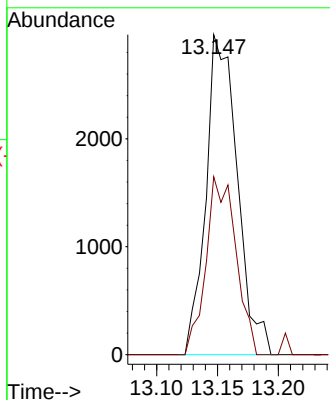
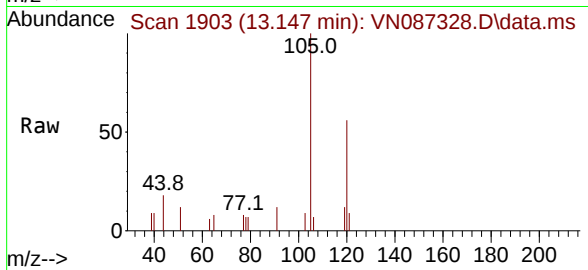
#80
1,3,5-Trimethylbenzene
Concen: 0.772 ug/l
RT: 13.147 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:105 Resp: 5329
Ion Ratio Lower Upper
105 100
120 52.9 24.3 72.8

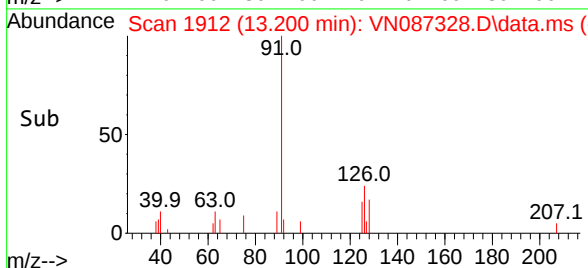
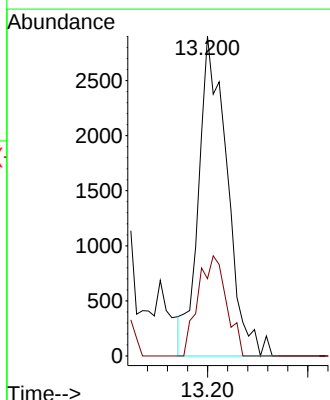
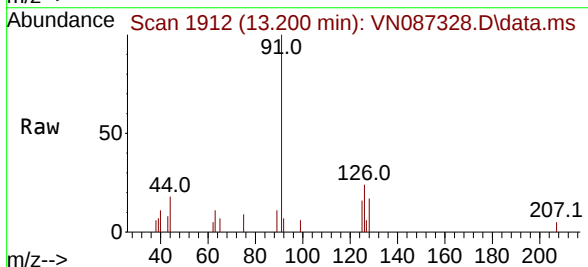
Manual Integrations
APPROVED

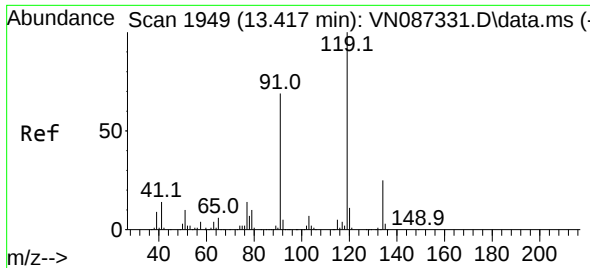
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#82
4-Chlorotoluene
Concen: 0.878 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion: 91 Resp: 5733
Ion Ratio Lower Upper
91 100
126 31.1 16.6 49.7





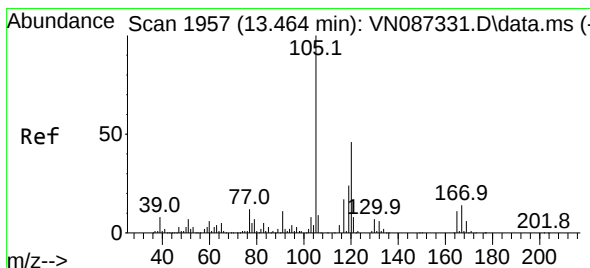
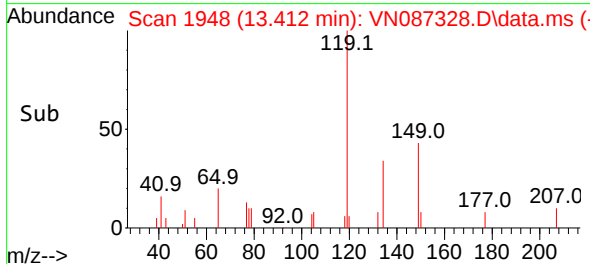
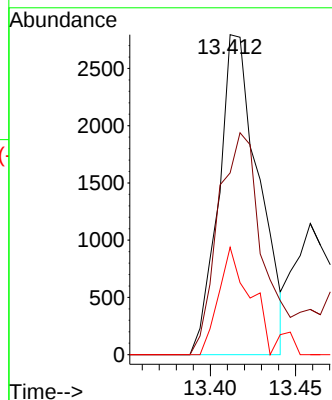
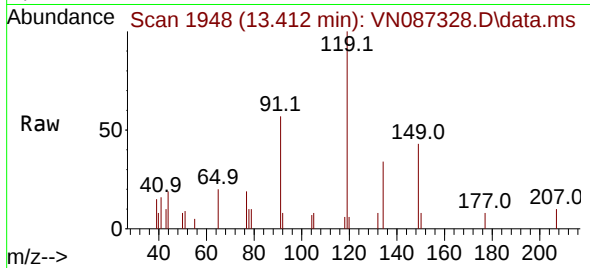
#83
tert-Butylbenzene
Concen: 0.795 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 4588
Ion Ratio Lower Upper
119 100
91 79.4 35.0 105.1
134 29.0 12.6 37.6

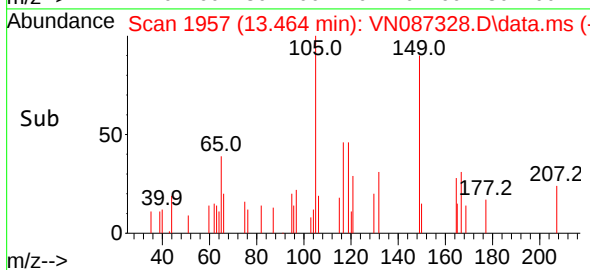
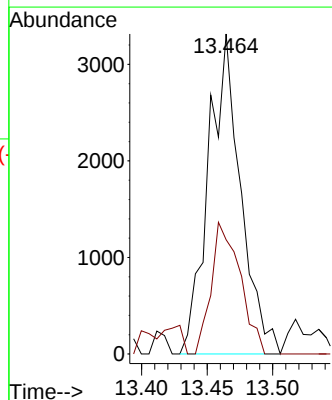
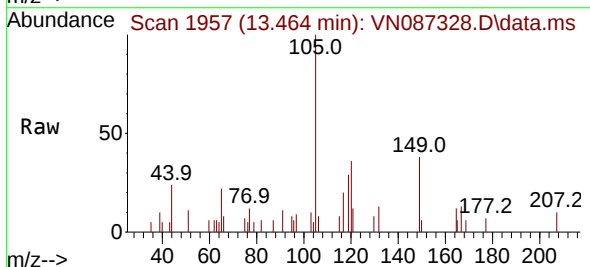
Manual Integrations
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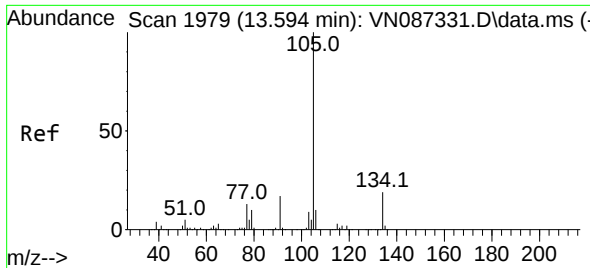
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#84
1,2,4-Trimethylbenzene
Concen: 0.804 ug/l
RT: 13.464 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Tgt Ion:105 Resp: 5671
Ion Ratio Lower Upper
105 100
120 36.8 22.8 68.3





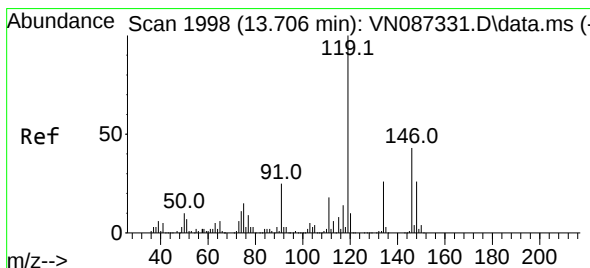
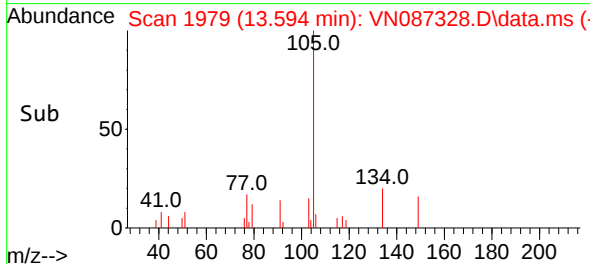
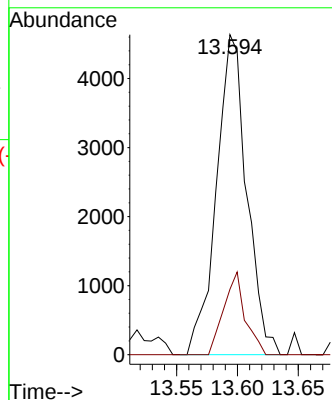
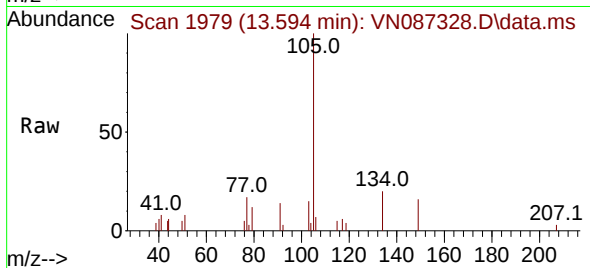
#85
 sec-Butylbenzene
 Concen: 0.925 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087328.D
 Acq: 16 Jul 2025 17:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:105 Resp: 803
 Ion Ratio Lower Upper
 105 100
 134 18.1 9.8 29.4

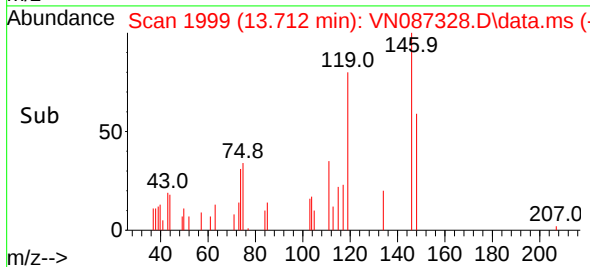
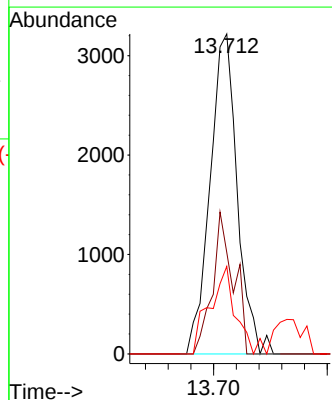
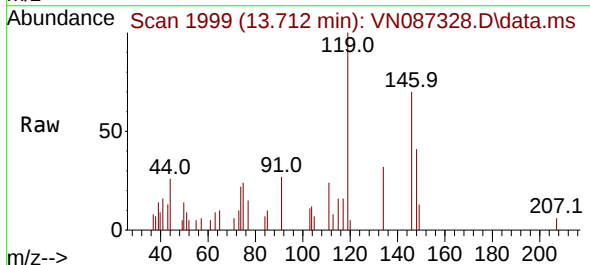
Manual Integrations
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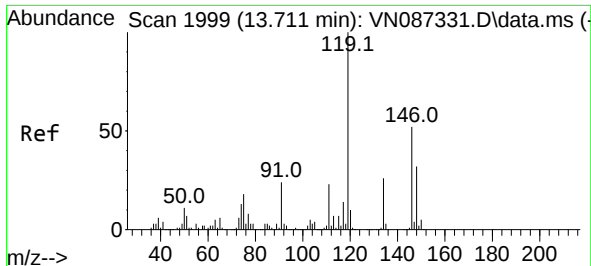
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025



#86
 p-Isopropyltoluene
 Concen: 0.770 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.006 min
 Lab File: VN087328.D
 Acq: 16 Jul 2025 17:05

Tgt Ion:119 Resp: 5360
 Ion Ratio Lower Upper
 119 100
 134 34.2 13.5 40.5
 91 25.4 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 0.904 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN087328.D

Acq: 16 Jul 2025 17:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

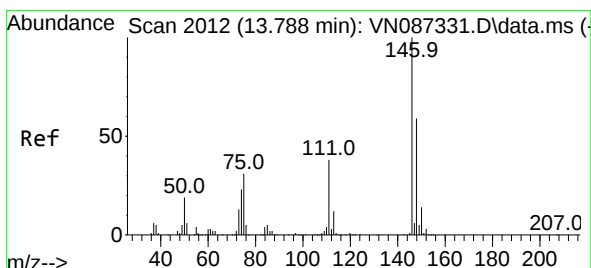
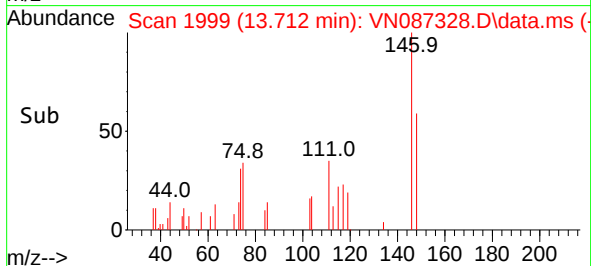
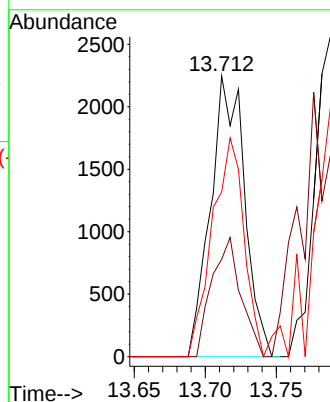
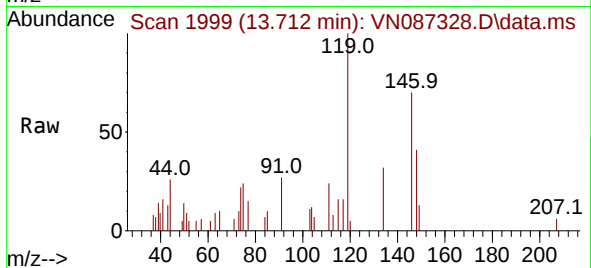
Tgt Ion:	146	Resp:	373
Ion Ratio	Lower	Upper	
146	100		
111	36.5	21.4	64.3
148	72.6	31.6	95.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#88

1,4-Dichlorobenzene

Concen: 1.056 ug/l m

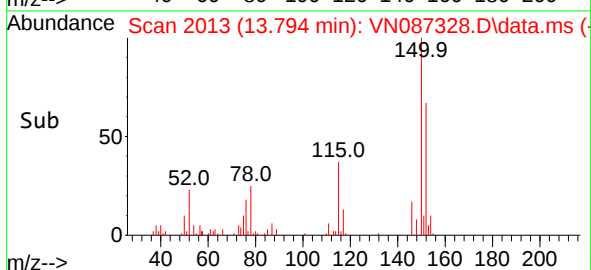
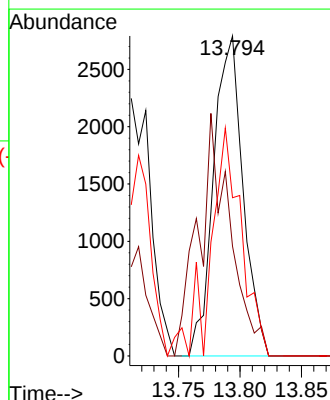
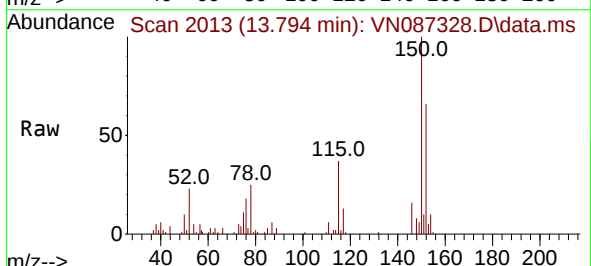
RT: 13.794 min Scan# 2013

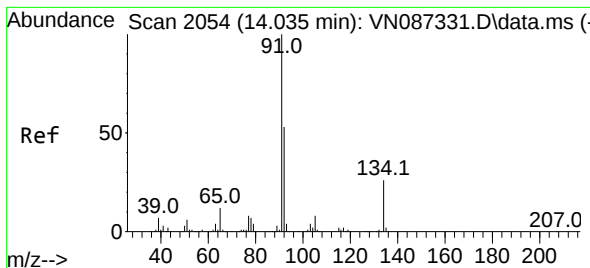
Delta R.T. 0.006 min

Lab File: VN087328.D

Acq: 16 Jul 2025 17:05

Tgt Ion:	146	Resp:	4655
Ion Ratio	Lower	Upper	
146	100		
111	29.2	19.6	58.7
148	58.2	31.4	94.0





#89

n-Butylbenzene

Concen: 0.883 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.000 min

Lab File: VN087328.D

Acq: 16 Jul 2025 17:05

Instrument :

MSVOA_N

ClientSampleId :

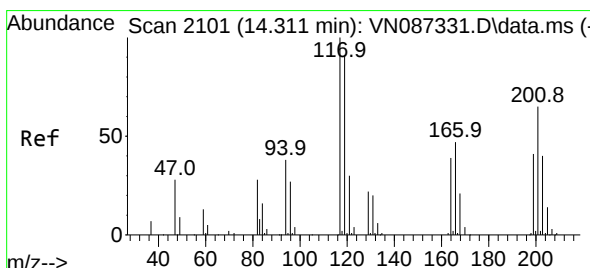
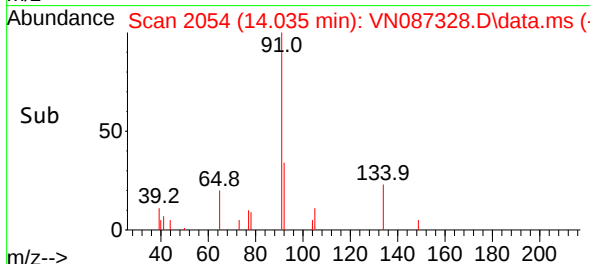
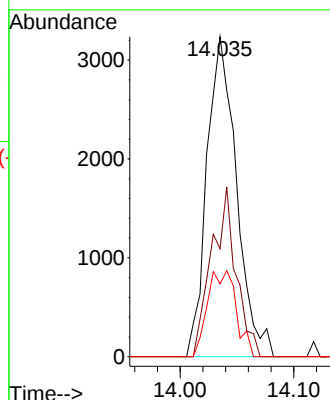
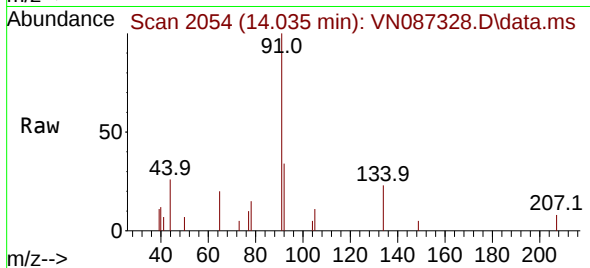
VSTDICC001

Tgt Ion: 91	Resp: 586
Ion Ratio	Lower Upper
91	100
92	44.0 26.2 78.6
134	25.9 12.4 37.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#90

Hexachloroethane

Concen: 1.035 ug/l

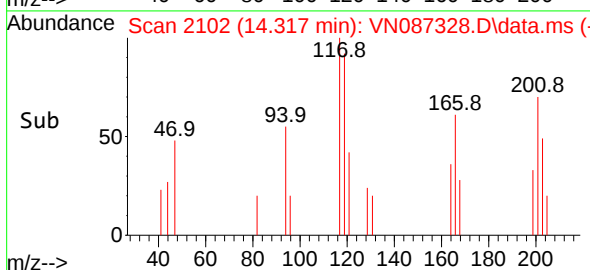
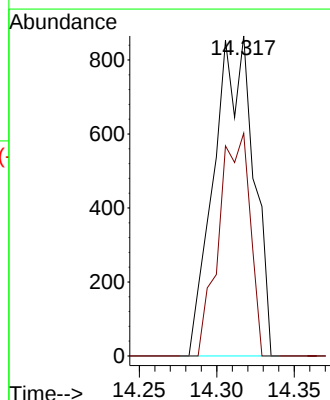
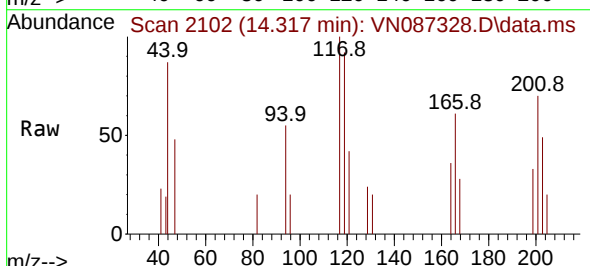
RT: 14.317 min Scan# 2102

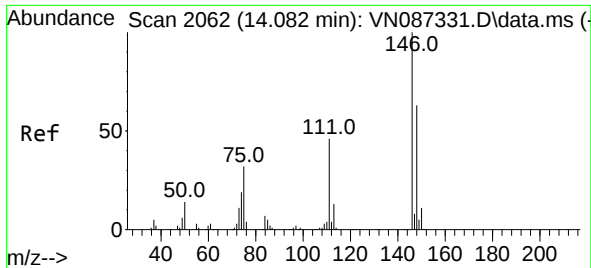
Delta R.T. 0.006 min

Lab File: VN087328.D

Acq: 16 Jul 2025 17:05

Tgt Ion:117	Resp: 1527
Ion Ratio	Lower Upper
117	100
201	55.1 32.8 98.4





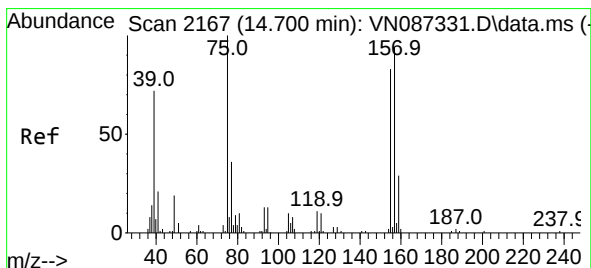
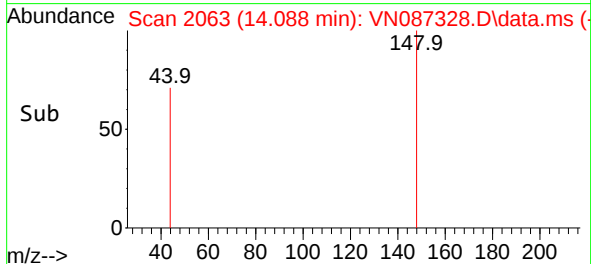
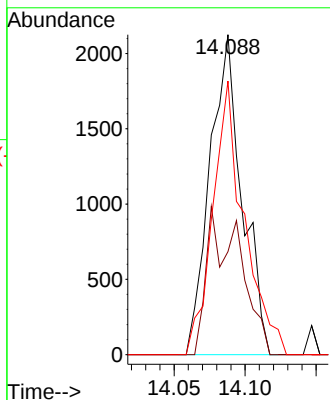
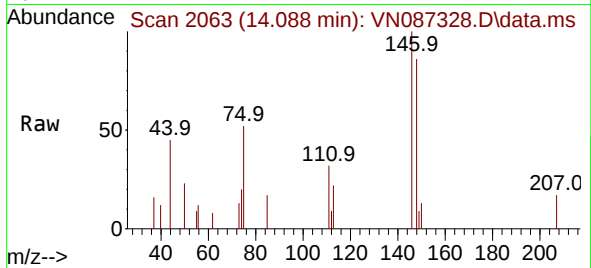
#91
1,2-Dichlorobenzene
Concen: 0.859 ug/l
RT: 14.088 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 3358
Ion Ratio Lower Upper
146 100
111 47.6 22.0 66.0
148 82.7 32.7 98.1

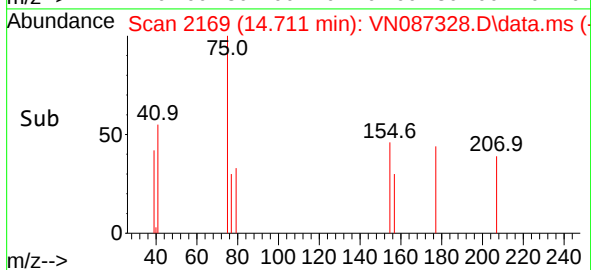
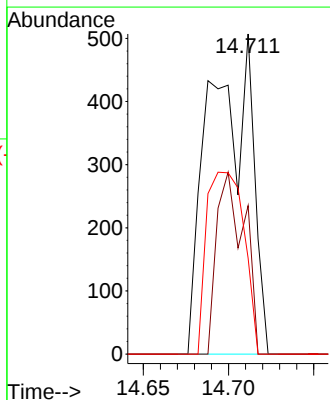
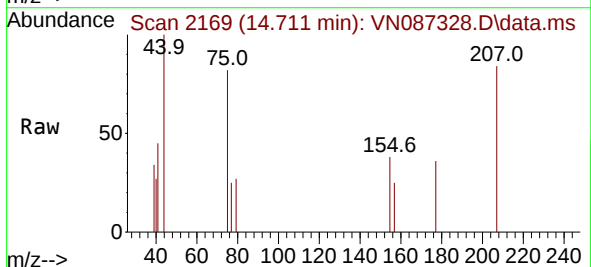
Manual Integrations
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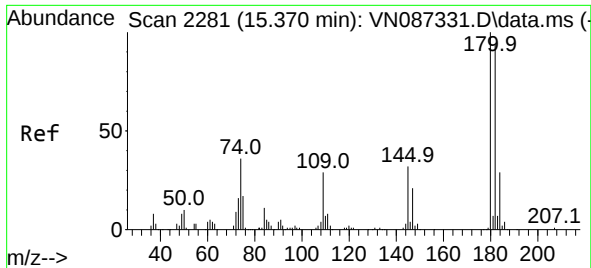
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.091 ug/l
RT: 14.711 min Scan# 2169
Delta R.T. 0.012 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

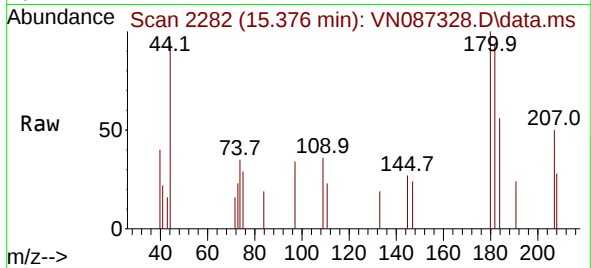
Tgt Ion: 75 Resp: 874
Ion Ratio Lower Upper
75 100
155 37.2 37.3 111.8#
157 50.2 46.2 138.6





#93
1,2,4-Trichlorobenzene
Concen: 0.854 ug/l
RT: 15.376 min Scan# 2180
Delta R.T. 0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

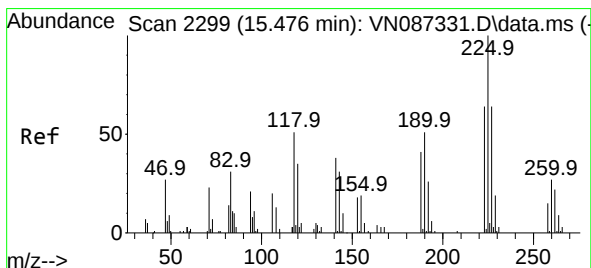
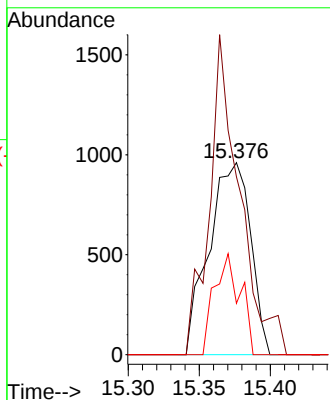
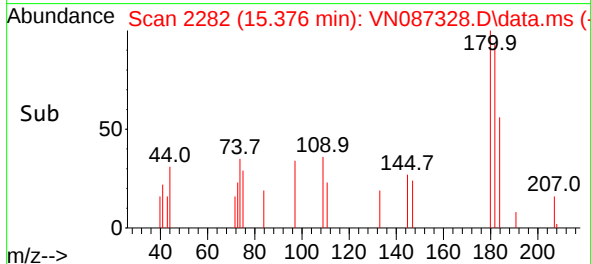
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



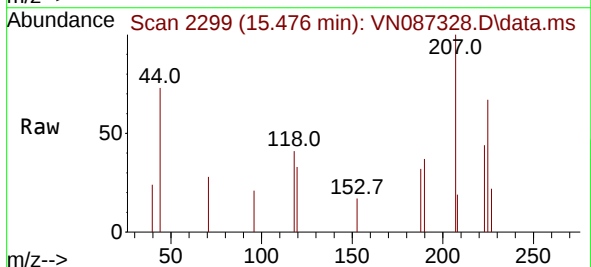
Tgt Ion:180 Resp: 1960
Ion Ratio Lower Upper
180 100
182 121.8 47.3 141.8
145 32.6 15.4 46.4

Manual Integrations
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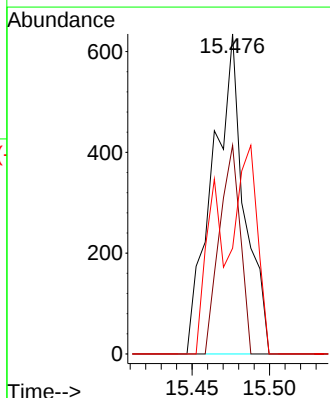
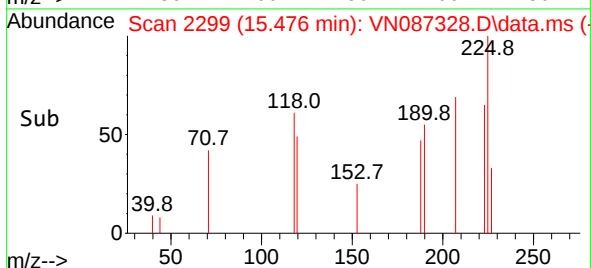
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

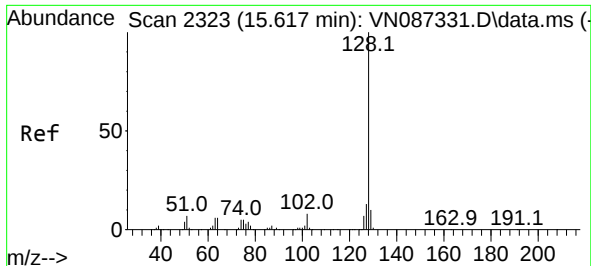


#94
Hexachlorobutadiene
Concen: 1.058 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05



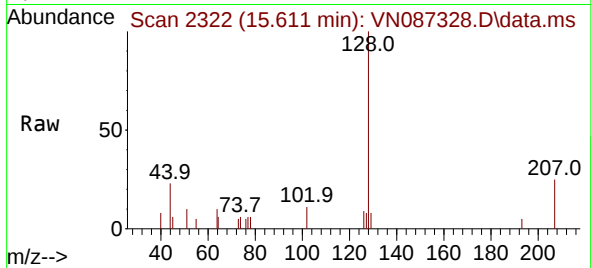
Tgt Ion:225 Resp: 903
Ion Ratio Lower Upper
225 100
223 42.9 32.1 96.3
227 46.0 31.3 93.9





#95
Naphthalene
Concen: 0.787 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05

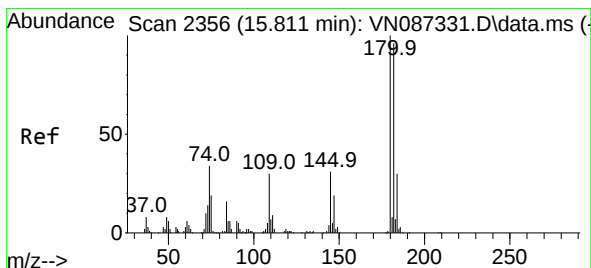
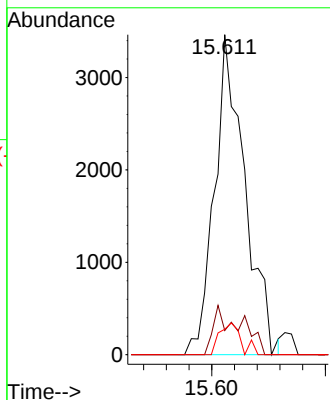
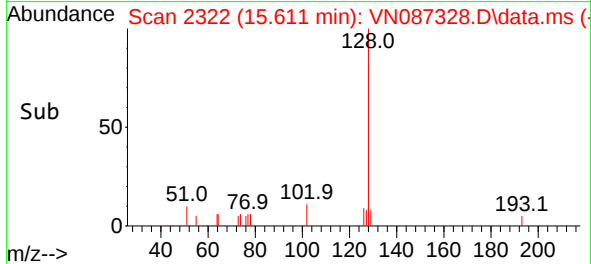
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



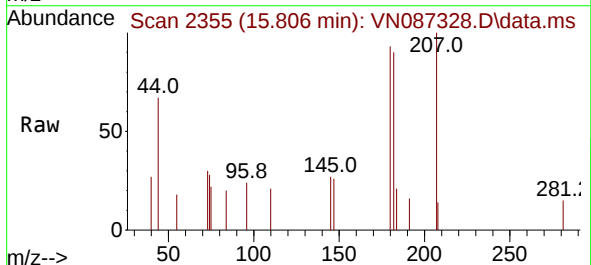
Tgt Ion:128 Resp: 6404
Ion Ratio Lower Upper
128 100
127 13.7 10.5 15.7
129 7.0 8.4 12.6

Manual Integrations
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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#96
1,2,3-Trichlorobenzene
Concen: 0.898 ug/l
RT: 15.806 min Scan# 2355
Delta R.T. -0.006 min
Lab File: VN087328.D
Acq: 16 Jul 2025 17:05



Tgt Ion:180 Resp: 2068
Ion Ratio Lower Upper
180 100
182 93.6 47.1 141.4
145 34.1 16.9 50.6

